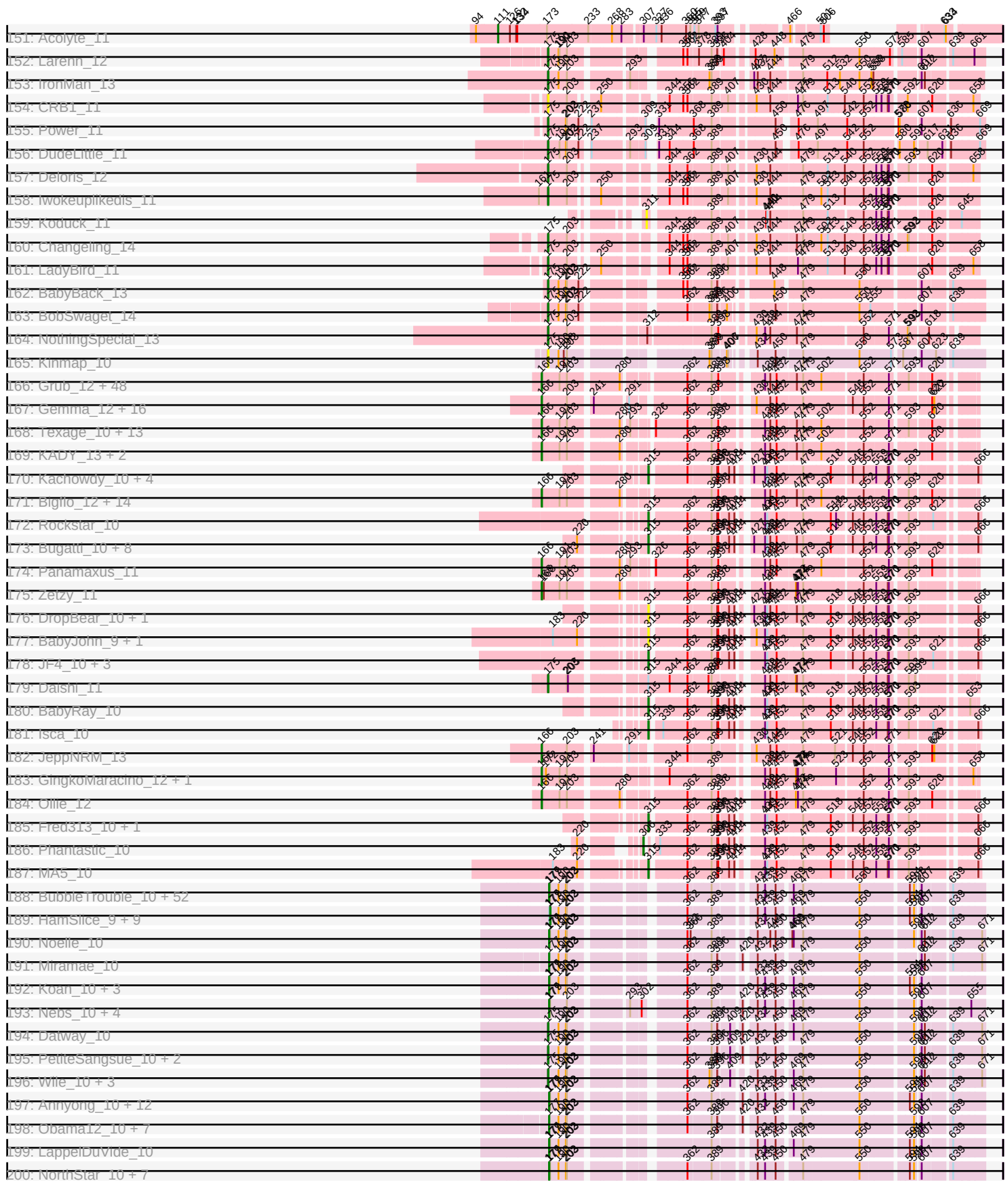
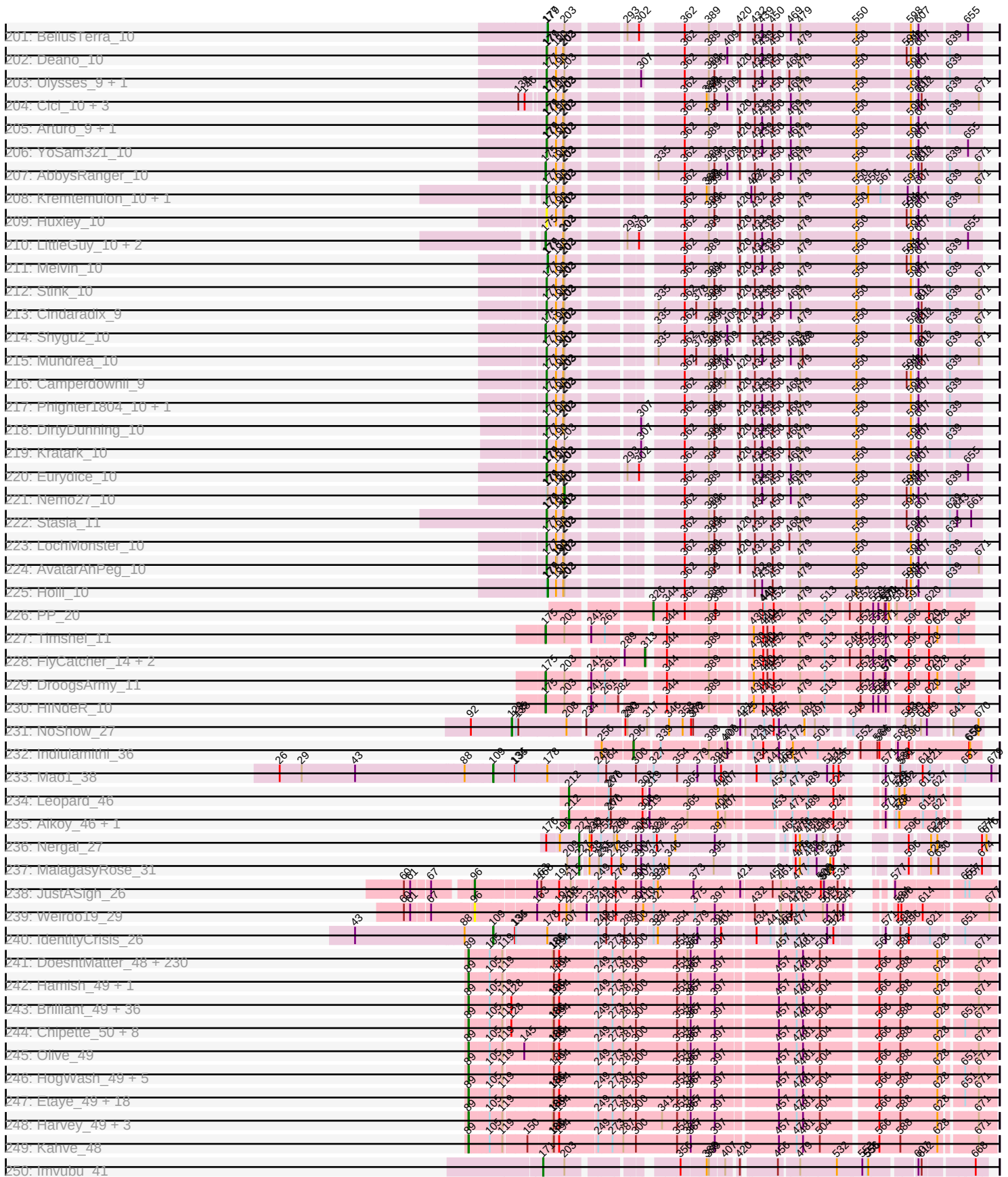


	175	366	430	457	484	500	521	563	624	663
1: Lotion_11 + 48	175	366	430	457	484	500	521	563	624	663
2: Molly_11 + 11	175	366	430	457	484	500	521	563	624	663
3: Francis47_10	175	366	430	457	484	500	521	563	624	663
4: Euphonia_10 + 1	175	366	430	457	484	500	521	563	624	663
5: PrimeBark_8 + 1	175	366	430	457	484	500	521	563	624	663
6: RidgeCB_10	175	366	430	457	484	500	521	563	624	663
7: Inor_10 + 19	175	366	430	457	484	500	521	563	624	663
8: Agallana_10 + 9	175	366	430	457	484	500	521	563	624	663
9: Bigchung1_10	175	366	430	457	484	500	521	563	624	663
10: Switzer_10 + 3	175	366	430	457	484	500	521	563	624	663
11: Alvin_11 + 27	175	366	430	457	484	500	521	563	624	663
12: Maroc7_9 + 5	175	366	430	457	484	500	521	563	624	663
13: Kennech_12	175	366	430	457	484	500	521	563	624	663
14: Raid_11 + 1	175	366	430	457	484	500	521	563	624	663
15: Dulcie_9	175	366	430	457	484	500	521	563	624	663
16: Aldrich_11 + 6	175	366	430	457	484	500	521	563	624	663
17: IgnatiusPatJac_9 + 2	175	366	430	457	484	500	521	563	624	663
18: Fushigi_10	175	366	430	457	484	500	521	563	624	663
19: Jorgensen_10 + 2	175	366	430	457	484	500	521	563	624	663
20: Aeneas_12 + 2	175	366	430	457	484	500	521	563	624	663
21: Bethlehem_10 + 3	175	366	430	457	484	500	521	563	624	663
22: Puppet_10	175	366	430	457	484	500	521	563	624	663
23: TheioniousMonk_11 + 1	175	366	430	457	484	500	521	563	624	663
24: MillerFeuille_7	175	366	430	457	484	500	521	563	624	663
25: Ringer_10	175	366	430	457	484	500	521	563	624	663
26: ChristmasHams_10	175	366	430	457	484	500	521	563	624	663
27: A6_08 + 1	175	366	430	457	484	500	521	563	624	663
28: Perseus_11 + 9	175	366	430	457	484	500	521	563	624	663
29: Ario_9	175	366	430	457	484	500	521	563	624	663
30: STLScum_11	175	366	430	457	484	500	521	563	624	663
31: BlackName_10 + 1	175	366	430	457	484	500	521	563	624	663
32: Squee_10 + 2	175	366	430	457	484	500	521	563	624	663
33: Nerujay_11	175	366	430	457	484	500	521	563	624	663
34: Jerm2_10 + 2	175	366	430	457	484	500	521	563	624	663
35: CarlmannCramer_10	175	366	430	457	484	500	521	563	624	663
36: Pepe_11	175	366	430	457	484	500	521	563	624	663
37: Rohr_11	175	366	430	457	484	500	521	563	624	663
38: QTRimeCrisis_10	175	366	430	457	484	500	521	563	624	663
39: BaconJack_12	175	366	430	457	484	500	521	563	624	663
40: Bruns_8 + 1	175	366	430	457	484	500	521	563	624	663
41: Bexan_9 + 3	175	366	430	457	484	500	521	563	624	663
42: HermioneGrange_11	175	366	430	457	484	500	521	563	624	663
43: ProMouse_9	175	366	430	457	484	500	521	563	624	663
44: Marsha_10	175	366	430	457	484	500	521	563	624	663
45: Smeagol_11	175	366	430	457	484	500	521	563	624	663
46: Magnar_10 + 1	175	366	430	457	484	500	521	563	624	663
47: Marchy_9	175	366	430	457	484	500	521	563	624	663
48: LMB10_11	175	366	430	457	484	500	521	563	624	663
49: Target_11	175	366	430	457	484	500	521	563	624	663
50: HarryOvv_11	175	366	430	457	484	500	521	563	624	663

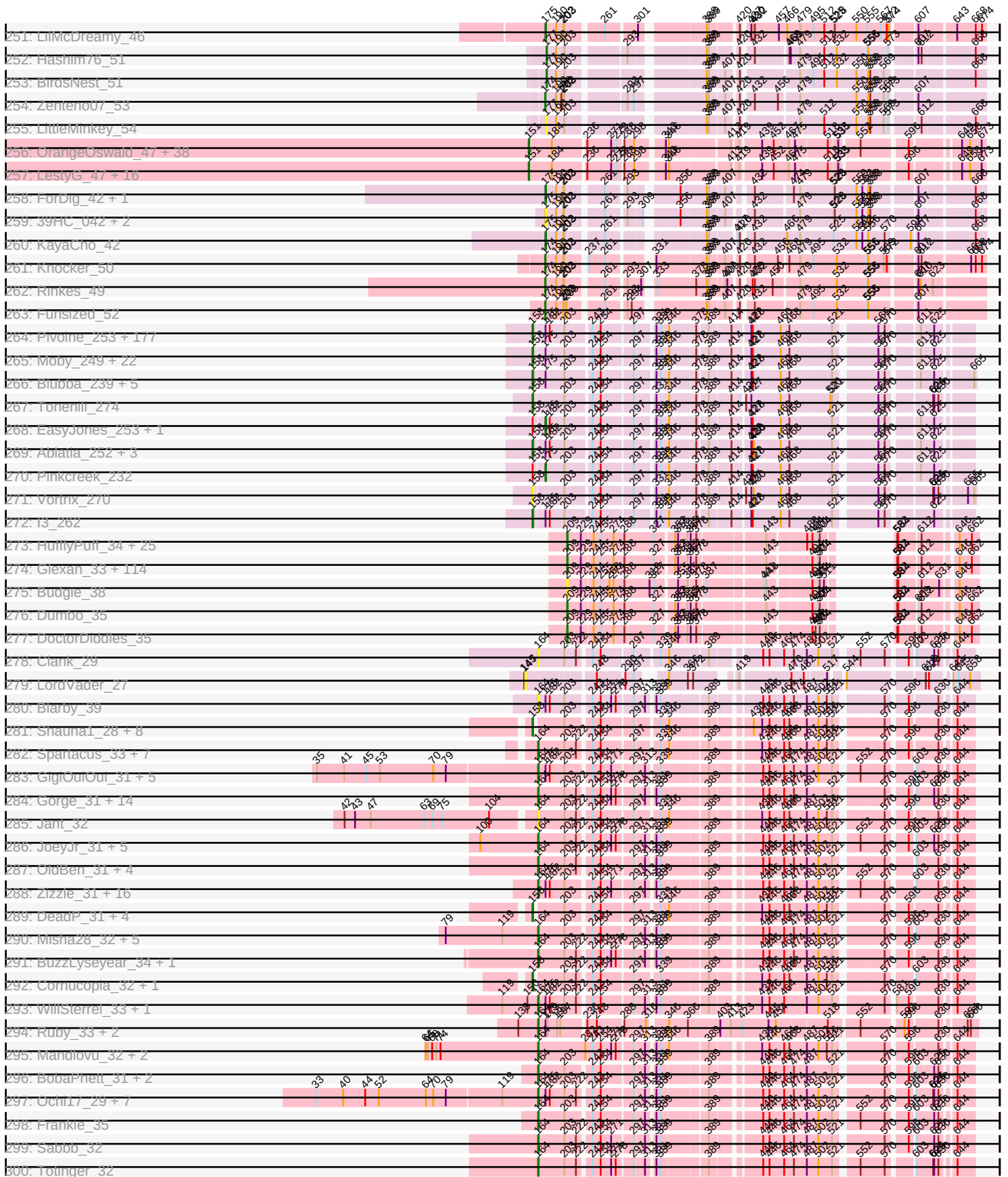
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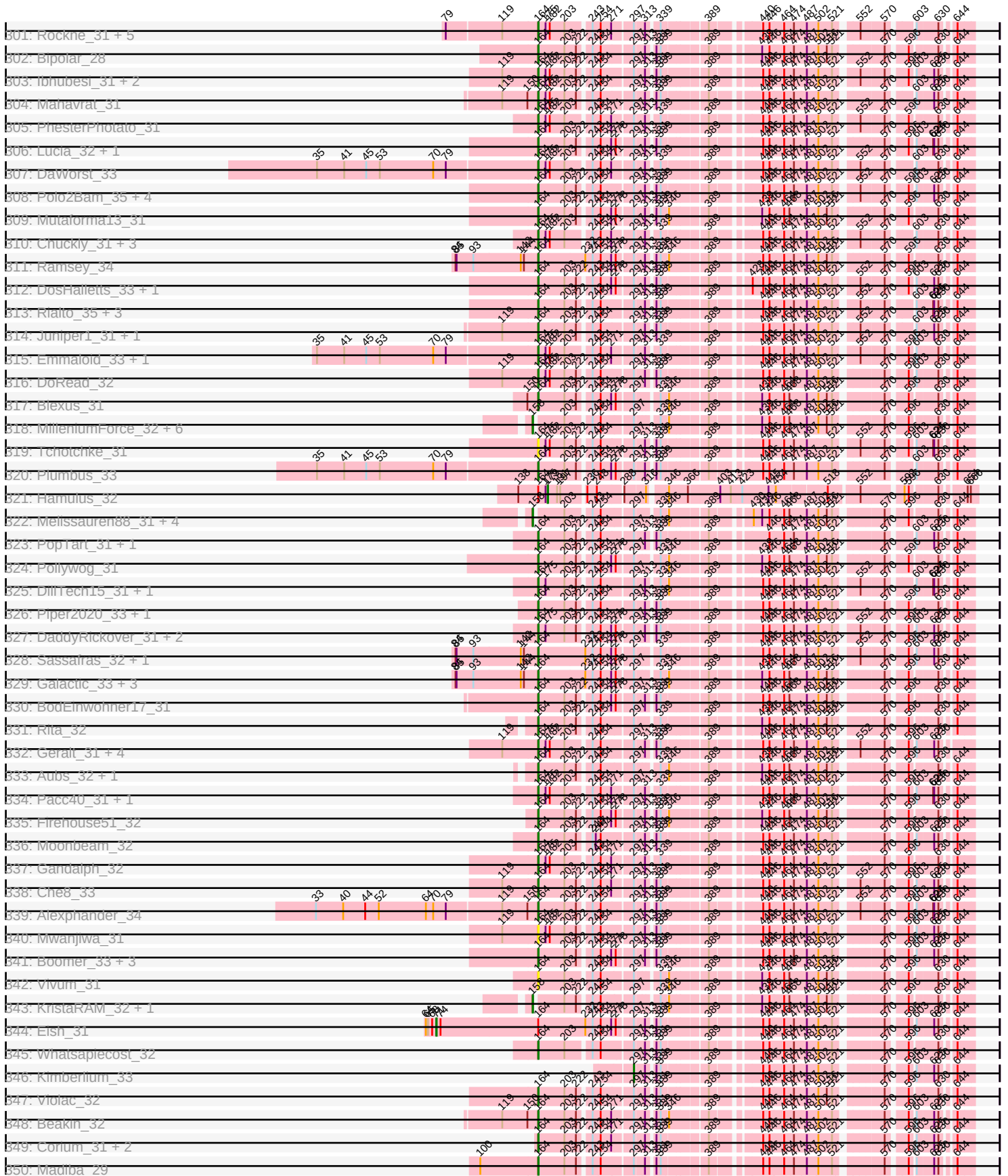
Pham 281840



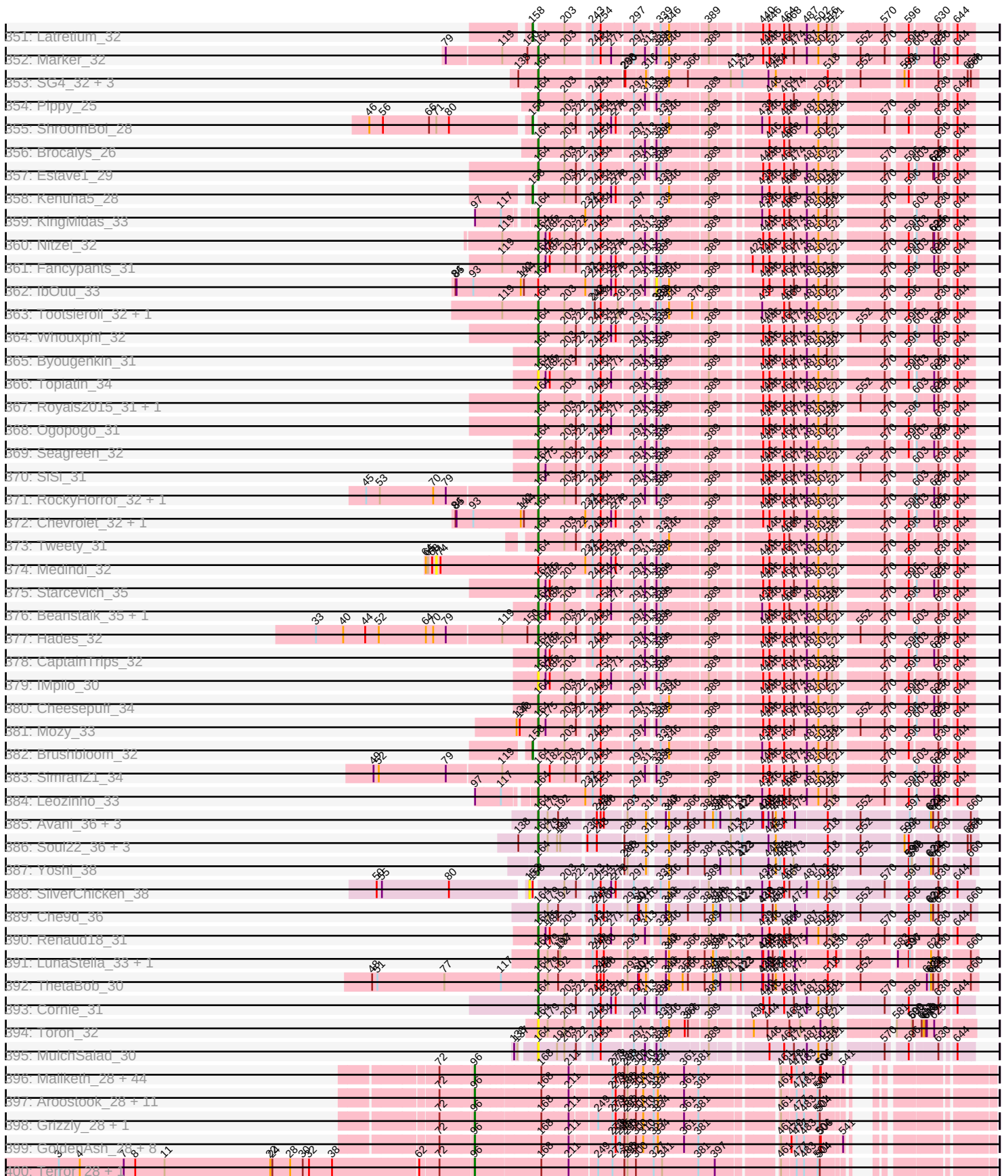
Pham 281840



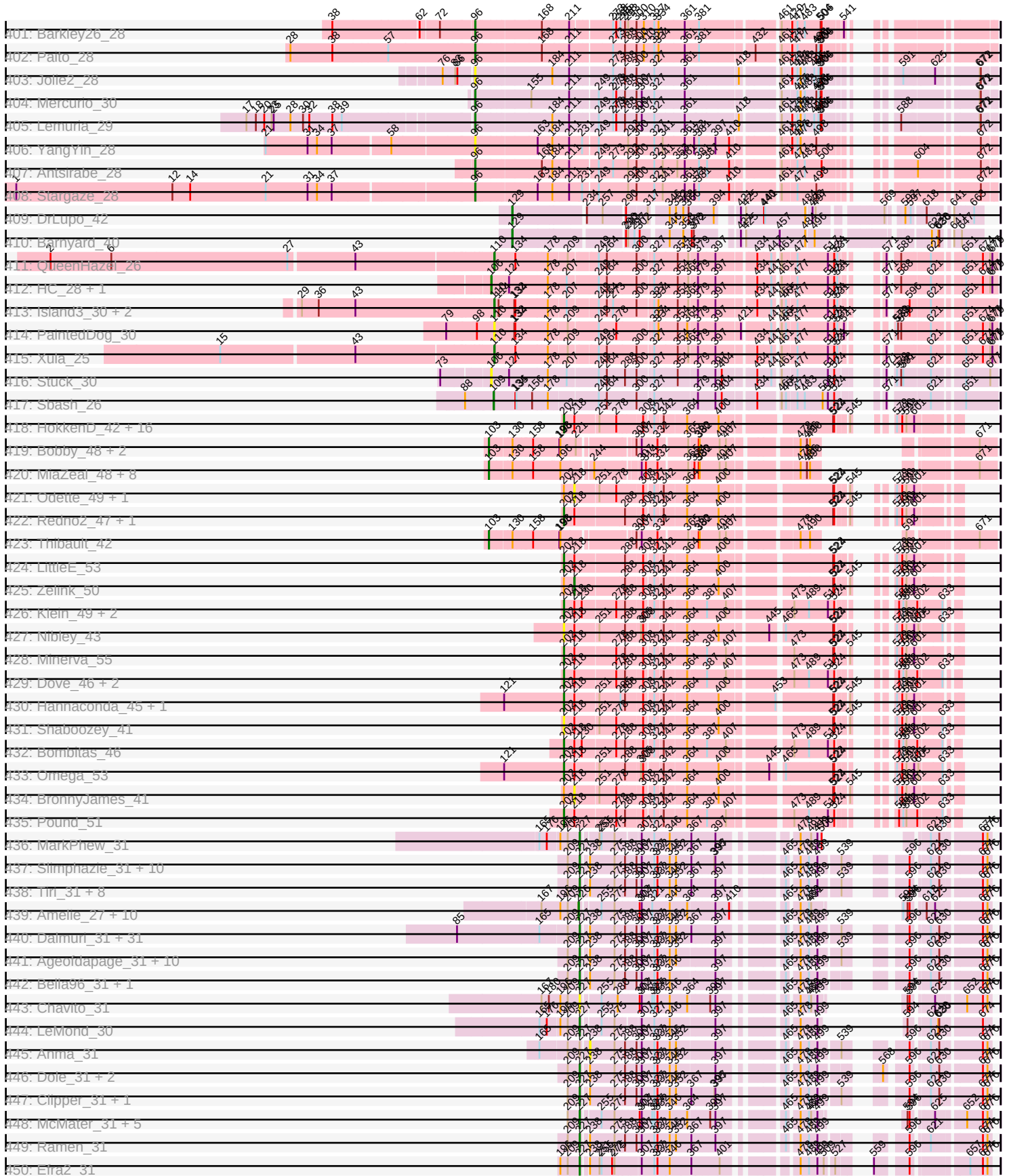
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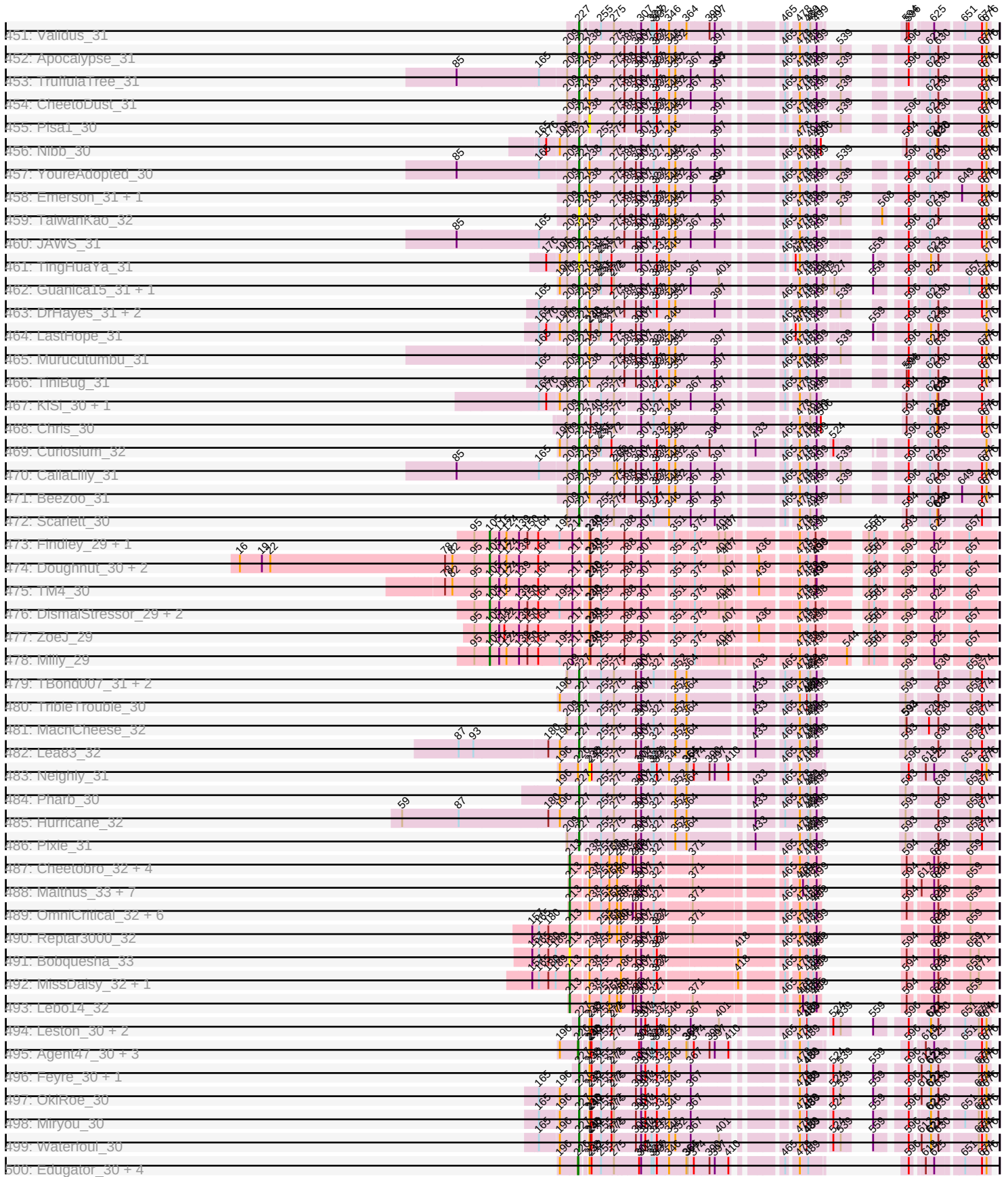
Pham 281840



Pham 281840

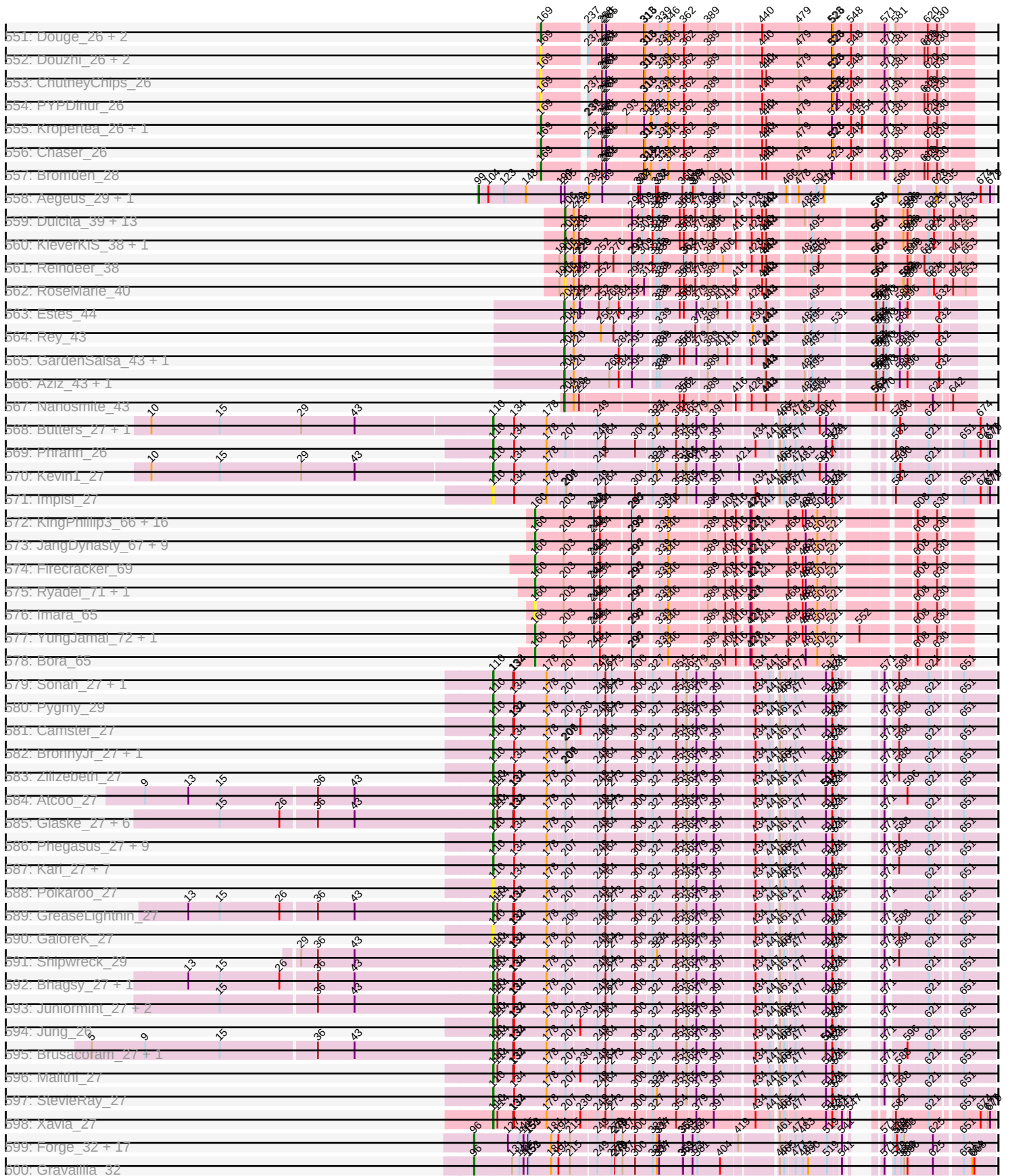


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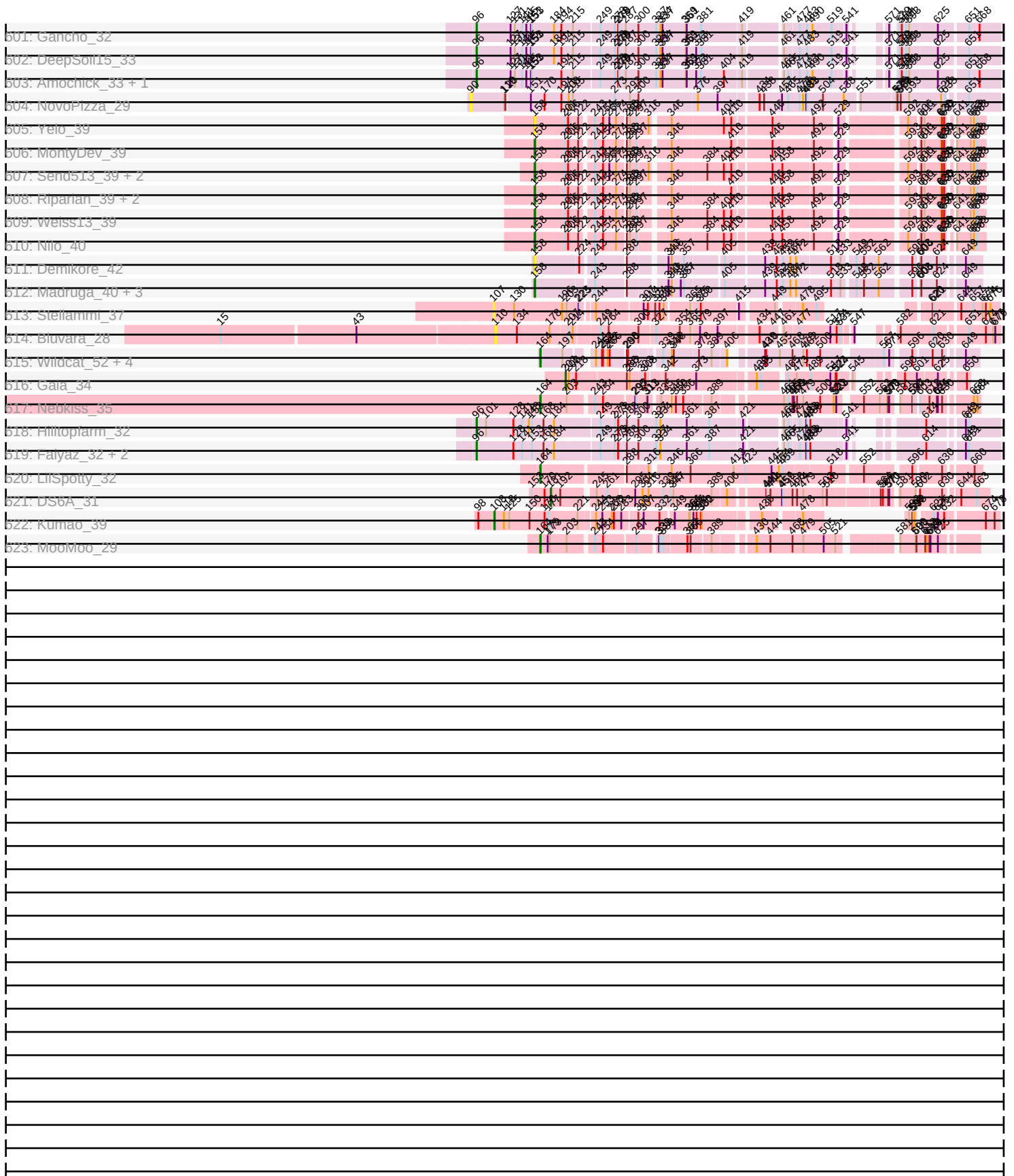


[illegible]

Pham 281840



Pham 281840



Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 281840 Report

This analysis was run 02/23/26 on database version 636.

Pham number 281840 has 2322 members, 295 are drafts.

Phages represented in each track:

- Track 1 : Lopton_11, Anglerfish_10, KBG_11, Acme_11, BigPaolini_11, Parliament_9, Magnito_9, Lockley_10, Fajezeel_11, PinkPlastic_8, EnzoK_11, Sagefire_11, Pari_11, BigMau_11, Violet_9, Slagathor_10, Smart_11, Rajelicia_9, Sanya_9, KyMonks1A_12, Ashballer_8, Bob3_9, StewieG_9, Museum_11, Pippin_11, Arcanine_10, Abrogate_110, Rubeus_10, Wilkins_10, MaryBeth_10, PattyP_11, Ruotula_9, Niza_11, DD5_11, Phlippers_9, Greg_11, Wheeler_10, Scowl_11, MetalQZJ_10, MPlant7149_9, Sibs6_11, Corvo_10, Oogway_9, Burton_10, Bones_10, Chanagan_9, Homines_10, AFIS_10, LunarLander_10
- Track 2 : Molly_11, Pita2_12, Tote_12, Paraselene_9, JuliaChild_12, Marge_10, Bxb1_9, Barriga_10, PSullivan_12, BPBiebs31_11, Swole_12, Bigfoot_9
- Track 3 : Francis47_10
- Track 4 : Euphoria_10, MrGordo_10
- Track 5 : PhineBark_8, Levia_9
- Track 6 : RidgeCB_10
- Track 7 : Thor_10, Iqorha_9, Pelly_11, Manatee_10, Mryolo_9, Applejack_10, JackSparrow_10, Bircsak_10, Sunshine924_9, Seabiscuit_11, Altman_11, Gompeii16_10, PascalRango_9, Kanely_11, Dynamix_10, ConceptII_10, ILeeKay_12, Pinto_12, McGuire_10, Trouble_10
- Track 8 : Agaliana_10, Ajay_10, PacerPaul_10, Watermelon_12, Whitspit_11, Sorpresa_10, BarrowTuph_9, Graduation_12, Payneful_10, Adahisdi_11
- Track 9 : Bigchungi_10
- Track 10 : Switzer_10, U2_9, GMonster_9, BillKnuckles_11
- Track 11 : Alvin_11, Petruccio_10, Doom_10, Paphu_9, PowerRanger_10, Marco3_10, Abbyshoes_11, Zeeculate_9, Gandalf20_11, Sumter_9, Gyzlar_11, TwoPeat_11, SpikeBT_11, Inyanga_9, Turj99_9, GageAP_11, Traft412_12, Jasper_11, Michley_10, Dussy_11, Solon_10, SkiPole_12, Carlyle_12, Kugel_11, Crispicous1_9, Snazzy_8, Big3_10, BeesKnees_10
- Track 12 : Maroc7_9, CactusRose_9, Eyeball_10, Fascinus_9, Ciao_10, Marcell_10
- Track 13 : Kenmech_12
- Track 14 : Raid_11, HanShotFirst_10
- Track 15 : Dulcie_9
- Track 16 : Aldrich_11, Noxious_11, Hermia_12, CatBus_11, KikiBouba_11, DirtDevil_11, GroundGoblin_11
- Track 17 : IgnatiusPatJac_9, Buttons_11, BluSpix_10
- Track 18 : Fushigi_10
- Track 19 : Jorgensen_10, PherrisBueller_11, Rutherferd_11
- Track 20 : Aeneas_12, PhrostyMug_10, Mule_10

- Track 21 : Bethlehem_10, Ichabod_10, Briton15_11, DreamCatcher_11
- Track 22 : Puppet_10
- Track 23 : TheloniousMonk_11, Gwendoluna_11
- Track 24 : MilleFeuille_7
- Track 25 : Ringer_10
- Track 26 : ChristmasHams_10
- Track 27 : A6_08, BK1_08
- Track 28 : Perseus_11, Forsytheast_9, Mkhuseli_9, Petp2012_12, Zephyr_10, Moose_9, DrFeelGood_9, Tasp14_11, SwissCheese_10, Dexes_11
- Track 29 : Arlo_9
- Track 30 : STLscum_11
- Track 31 : Blackflame_10, ShortQueendom_9
- Track 32 : Squee_10, Naira_10, Fenn_10
- Track 33 : Nerujay_11
- Track 34 : Jerm2_10, Rufus_10, Nhonho_10
- Track 35 : CartmannCramer_10
- Track 36 : Pepe_11
- Track 37 : Rohr_11
- Track 38 : QTRlifeCrisis_10
- Track 39 : BaconJack_12
- Track 40 : Bruns_8, Alsfro_14
- Track 41 : Bexan_9, StrongArm_9, Beatrix_9, Lamina13_10
- Track 42 : HermioneGrange_11
- Track 43 : ProMouse_9
- Track 44 : Marsha_10
- Track 45 : Smeagol_11
- Track 46 : Magnar_10, GrecoEtereo_11
- Track 47 : Marchy_9
- Track 48 : LilBib_11
- Track 49 : Target_11
- Track 50 : HarryOW_11
- Track 51 : Makemake_10
- Track 52 : Tripl3t_11
- Track 53 : Atkinbua_10
- Track 54 : Killigrew_8
- Track 55 : SarFire_10
- Track 56 : Peterson_13
- Track 57 : Papez_12
- Track 58 : Lesedi_9
- Track 59 : Seanderson_11
- Track 60 : Monet_11, Edtherson_11, Treddle_11
- Track 61 : Froghopper_11
- Track 62 : Kykar_8
- Track 63 : NEHalo_10
- Track 64 : McSinger_11
- Track 65 : Hope4ever_10
- Track 66 : JC27_12
- Track 67 : Sandaddy_9
- Track 68 : Teodoridan_8
- Track 69 : Blessor_10
- Track 70 : Topgun_10, Gachnar_10
- Track 71 : Cueylyss_10
- Track 72 : Blue_10

- Track 73 : Zeuska_11
- Track 74 : Ohno789_9
- Track 75 : Dreamboat_11
- Track 76 : Espresso_10
- Track 77 : Hami1_11
- Track 78 : Licorice_12
- Track 79 : Rhynn_10
- Track 80 : Norz_12
- Track 81 : KSSJEB_9
- Track 82 : Eaglepride_11
- Track 83 : Drake94_9, KittenMittens_9, Severus_9, Poompha_9, PeaceMeal1_9
- Track 84 : Goose_10
- Track 85 : WalterMcMickey_10, Topanga_10, Twister_10
- Track 86 : OKCentral2016_10, Chupacabra_10
- Track 87 : Shapes_13, RhynO_11, DustyMartin_13, Rowdy_13
- Track 88 : DontArgue_9
- Track 89 : Edison31_10
- Track 90 : Rebeuca_11, Kristoff_11
- Track 91 : Trike_8
- Track 92 : Refuge_14
- Track 93 : Zimmer_13
- Track 94 : Luchador_11
- Track 95 : 40AC_14
- Track 96 : Kimona_7
- Track 97 : GaugeLDP_13
- Track 98 : StarStuff_14, D32_14, Pomar16_14, D29_12, Travvers_14, Naji_14, Tomathan_14
- Track 99 : Malec_12
- Track 100 : NicoleTera_15
- Track 101 : Miko_14
- Track 102 : Landor_12, Bactobuster_12
- Track 103 : Equemioh13_13, Drake55_13, Piro94_12, WideWale_13, Centaur_13, Updawg_13, HarryHoudini_13, Gratitude_12, Baehexic_12, Terrific_15
- Track 104 : AnnaL29_14, RedRock_14
- Track 105 : Prudy_13
- Track 106 : Kerberos_14, Duplo_14, DBQu4n_14
- Track 107 : Rachaly_14, Lokk_14
- Track 108 : TarsusIV_11
- Track 109 : Leogania_13
- Track 110 : Jaan_14
- Track 111 : JoshKayV_13
- Track 112 : ANI8_14, C3_09, AN9_14, VC3_14
- Track 113 : First_0011, 20ES_11
- Track 114 : Crucio_11, QueenBeesly_11, FiringLine_11, SemperFi_13, Georgie2_12, SweetiePie_11, SnapTap_11
- Track 115 : AN3_11, VA6_11
- Track 116 : Bradman_10, Quokka_9, MajorMajor_10
- Track 117 : ForesterFrank_12
- Track 118 : Whabigail7_13, Dignity_13
- Track 119 : EZMoney23_15
- Track 120 : Fameo_11, QueenB2_11, Heffalump_13
- Track 121 : Retro23_11, Dalmatian_11
- Track 122 : Colin_15

- Track 123 : Tristan_12
- Track 124 : Sknot_11, NaSiaTalie_11, MiculUcigas_11
- Track 125 : Bugsy_13
- Track 126 : LilTurb_13, Jerm_13, Turbido_13
- Track 127 : Loser_14
- Track 128 : WeiHuaDA_17
- Track 129 : HippoHollow_12, LionsBait_12
- Track 130 : L5_12
- Track 131 : Kalpine_14
- Track 132 : ArcherNM_13
- Track 133 : Serenity_10
- Track 134 : Benvolio_11, Echild_11
- Track 135 : Agape74_13, Leviathan_13, AbbyPaige_13
- Track 136 : Anselm_11
- Track 137 : BengiVuitton_12
- Track 138 : ChipMunk_13
- Track 139 : Trooper_11
- Track 140 : EvilGenius_13
- Track 141 : Flare16_11
- Track 142 : Smeagan_13
- Track 143 : Jsquared_10
- Track 144 : KingCyrus_13
- Track 145 : XianYue_11
- Track 146 : Pukovnik_13
- Track 147 : BiancaTri92_13
- Track 148 : Trixie_14
- Track 149 : DeerParkTS_12
- Track 150 : Phaded_14
- Track 151 : Acolyte_11
- Track 152 : Larenn_12
- Track 153 : IronMan_13
- Track 154 : CRB1_11
- Track 155 : Power_11
- Track 156 : DudeLittle_11
- Track 157 : Deloris_12
- Track 158 : Iwokeuplikedis_11
- Track 159 : Koduck_11
- Track 160 : Changeling_14
- Track 161 : LadyBird_11
- Track 162 : BabyBack_13
- Track 163 : BobSwaget_14
- Track 164 : NothingSpecial_13
- Track 165 : Kinmap_10
- Track 166 : Grub_12, Jobu08_12, Microwolf_12, Stagni_12, PGHhamlin_14, Mainiac_12, EpicPhail_12, MuchMore_14, BreSam8_12, Beauxregard13_12, Lilith_12, Pembroke_12, Gwennie_11, Montavir_11, Snickers_12, Louie6_12, HashRod_13, Vix_12, LBerry_12, Grum1_12, LarryKay_12, GtownJaz_12, SoYo_12, Watson_12, Aglet_12, AgronaGT15_12, Dieselweasel_12, TinyPebbles_12, Wooldri_14, Lowa_12, PotatoSplit_13, MadMarie_12, Colbster_12, Tiffany_12, Penny1_12, Malinsilva_14, Spike509_12, Methuselah_12, Grif_12, Phoxy_12, DaHudson_12, SoilDragon_12, StepMih_12, Farber_12, Soshari_14, Sabia_12, Bxz2_12, AugsMagnumOpus_14, Rummer_12

- Track 167 : Gemma_12, HaveUMetTed_13, Manu_13, Groupthink_13, Phranny_13, Calvinny_13, Kalb97_13, OlanP_12, PhishRPhriends_11, Pawn_12, ClownCar_13, Heliosoles_12, PurpleHaze_12, Reba_13, Kalnoky_13, ACFishhook_12, Marius_13
- Track 168 : Texage_10, Pocahontas_11, Caviar_11, Veracruz_10, QuinnKiro_10, ResDef_11, Norbert_10, EtoileNova_11, Todacoro_11, Noella_11, Lambert1_11, Margo_11, Popcicle_11, Hookmount_11
- Track 169 : KADY_13, Misomonster_14, BuzzBuzz_11
- Track 170 : Kachowdy_10, HelDan_10, Scout_10, Zarafa_10, Heathen_10
- Track 171 : Bigflo_12, LugYA_14, JenCasNa_12, Cullens_12, Croquant_13, JHC117_12, MoneyMay_12, Sabinator_12, MarQuardt_12, P28Green_12, Marie_12, Taurus_12, Phoebe_12, Fernando_12, Hercules11_12
- Track 172 : Rockstar_10
- Track 173 : Bugatti_10, Giroux_11, TNguyen7_10, BlueBird_11, Puppy_11, Clammy_10, Pistachio_11, Idleandcovert_10, SaturnRing_10
- Track 174 : Panamaxus_11
- Track 175 : Zetzy_11
- Track 176 : DropBear_10, Marchesa_10
- Track 177 : BabyJohn_9, Chiqui_9
- Track 178 : JF4_10, JF2_10, MK4_10, B1_08
- Track 179 : Daishi_11
- Track 180 : BabyRay_10
- Track 181 : Isca_10
- Track 182 : JeppNRM_13
- Track 183 : GingkoMaracino_12, Anubis_14
- Track 184 : Ollie_12
- Track 185 : Fred313_10, Roimos_10
- Track 186 : Phantastic_10
- Track 187 : MA5_10
- Track 188 : BubbleTrouble_10, Mayonnaise_10, Chaph_10, Citius_10, Bartimeaus_10, JoongJeon_10, Sabertooth_10, Bruiser_10, Eros_10, Scamp_10, Baby16_10, SteMason_9, Cocoaberry_10, Maverick_10, SenorClean_10, Florean_10, Jaykayelowell_10, Dhanush_10, Happiness_10, Clarenza_10, Sparxx_10, PeterPeter_10, RockieBear_9, Maxo_10, Druantia_10, Kampy_10, Palestino_10, Spino_10, Roosevelt_10, Connomayer_10, KFPoly_10, Phacado_10, Shaka_10, Wizard007_10, Gadost_10, Blackmoor_10, Sultana_10, OKaNui_10, Phelipe_10, Alberto7_11, Lorenzo_10, CentreCat_10, TinaFeyge_10, LittleB_10, Wander_10, TroyPia_10, Iceman_10, Eapen_10, Houdini22_10, NotAPhaseMom_10, Mazhar510_10, Abdiel_10, Caelakin_10
- Track 189 : HamSlice_9, MeeZee_10, Flux_10, Burger_9, ICleared_10, Pipcraft_10, Peaches_10, Eagle_9, Medusa_10, Avle17_10
- Track 190 : Noelle_10
- Track 191 : Miramae_10
- Track 192 : Koan_10, Kyee_10, Lunsford_11, Lemur_10
- Track 193 : Nebs_10, Polymorphads_10, Ohfah_10, LeoAvram_10, Morrow_10
- Track 194 : Datway_10
- Track 195 : PetiteSangsue_10, Morpher26_10, Perplexer_10
- Track 196 : Wile_10, Backyardigan_10, Katalie136_10, Bumblebee11_10
- Track 197 : Annyong_10, TygerBlood_10, Thanksgivukkah_10, Funston_10, KekoraPapaka_9, Millski_10, Commander_10, Eris_10, Skipitt_10, Taquarus_10, Albee_10, Bombshell_10, Kingmustik0402_10
- Track 198 : Obama12_10, SheldonCooper_10, Cerulean_10, BangNhom_9, Tinybot_9, Rosa24_9, ChampagnePapi_10, LHTSCC_10
- Track 199 : LappeIDuVide_10

- Track 200 : NorthStar_10, Romney_10, Ruin_10, Broseidon_10, Relief_10, Koreni_9, TiroTheta9_10, Wilbur_10
- Track 201 : BellusTerra_10
- Track 202 : Deano_10
- Track 203 : Ulysses_9, Pumbaa_10
- Track 204 : Cici_10, Xena_10, Achebe_10, Badger_10
- Track 205 : Arturo_9, JetBlade_10
- Track 206 : YoSam321_10
- Track 207 : AbbysRanger_10
- Track 208 : Kremtemulon_10, Cintron_10
- Track 209 : Huxley_10
- Track 210 : LittleGuy_10, Nyxis_10, Phontbonne_10
- Track 211 : Melvin_10
- Track 212 : Stink_10
- Track 213 : Cindaradix_9
- Track 214 : Shygu2_10
- Track 215 : Mundrea_10
- Track 216 : Camperdownii_9
- Track 217 : Phighter1804_10, Iracema64_10
- Track 218 : DirtyDunning_10
- Track 219 : Kratak_10
- Track 220 : Eurydice_10
- Track 221 : Nemo27_10
- Track 222 : Stasia_11
- Track 223 : LochMonster_10
- Track 224 : AvatarAhPeg_10
- Track 225 : Holli_10
- Track 226 : PP_20
- Track 227 : Timshel_11
- Track 228 : FlyCatcher_14, Sheen_12, Toro_13
- Track 229 : DroogsArmy_11
- Track 230 : HINdeR_10
- Track 231 : NoShow_27
- Track 232 : Indulamithi_36
- Track 233 : Mao1_38
- Track 234 : Leopard_46
- Track 235 : Aikoy_46, Onyinye_47
- Track 236 : Nergal_27
- Track 237 : MalagasyRose_31
- Track 238 : JustASigh_26
- Track 239 : Weirido19_29
- Track 240 : IdentityCrisis_26
- Track 241 : DoesntMatter_48, Haleema_48, Freya_48, Keitherie_49, Sigman_50, Wallhey_48, Phipps_49, Xavier_48, Jillium_48, Kwadwo_48, Pherdinand_50, Mag7_48, Morty_50, Gophee_49, Karn_48, ShadowBud_49, Waterdiva_49, Eremos_49, CharlieGBrown_48, Matalotodo_49, Labeouficaum_48, Jiraiya_48, BlackStallion_50, Struggle_48, Zelda_49, Podrick_49, Cannibal_49, Riggan_49, Phleuron_48, Chaelin_49, Megamind20_49, MrPhizzler_49, Charles1_49, Serpentine_0049, Magic8_49, Zonia_49, Maru_48, CampRoach_50, Vista_49, UAch1_49, Craff_50, SilverBell_49, Banjo_48, Gareth_48, Plmatters_49, Oline_48, Cornbread_48, PhrodoBaggins_49, Grand2040_48, Selr12_49, Coletti_49, Scoot17C_50, Emiris_50, PG1_50, Serendipity_49, Kailash_49, BlacksBerry_48, AngelCake_49, Sheila_49, Virgeve_48, JacAttac_50, Virapocalypse_49, Chah_51,

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- Track 439 : Amelie_27, Torres_27, Nikao_27, Mdavu_27, Teejan_27, Binglebops_27, LilPharaoh_27, Trice_27, SgtBeansprout_27, Enkosi_27, Nutello_27
- Track 440 : Dalmuri_31, Llorens_31, Homura_31, ShiaSurprise_31, Peel_31, Piatt_31, BaghaKamala_31, Twitch_31, Jarvi_31, Hyperbowlee_31, Asayake_31, CaseJules_31, Jeckyll_31, Deby_31, AlishaPH_31, Rosmarinus_31, Sulley_31, Blizzard_31, BEEST_31, Belladonna_31, Lunahalos_31, Topper_31, BGlluviae_31, Spock_31, Padfoot_31, Joy99_31, Angelica_31, CREW_31, Inky_31, Durfee_31, Capricorn_31, Boiiii_31
- Track 441 : Ageofdapage_31, Anaya_32, TreyKay_31, LaterM_31, Stinson_32, Megsy_31, Bern_31, Prithvi_31, Pisa4_30, CrimD_31, LindNT_31
- Track 442 : Bella96_31, DartGoblin_31
- Track 443 : Chavito_31
- Track 444 : LeMond_30
- Track 445 : Anma_31
- Track 446 : Dole_31, Devera_31, Illumine_31
- Track 447 : Clipper_31, MacKat_31
- Track 448 : McMater_31, Shaobing_31, Dartin_31, Richo_31, Peanam_31, Niklas_31
- Track 449 : Ramen_31
- Track 450 : Efra2_31
- Track 451 : Validus_31
- Track 452 : Apocalypse_31
- Track 453 : TruffulaTree_31
- Track 454 : CheetoDust_31
- Track 455 : Pisa1_30
- Track 456 : Nibb_30
- Track 457 : YoureAdopted_30
- Track 458 : Emerson_31, Padpat_31
- Track 459 : TaiwanKao_32
- Track 460 : JAWS_31
- Track 461 : TingHuaYa_31
- Track 462 : Guanica15_31, Yunkel11_31
- Track 463 : DrHayes_31, SamuelLPlaqsom_31, Urkel_31
- Track 464 : LastHope_31

- Track 465 : Murucutumbu_31
- Track 466 : TiniBug_31
- Track 467 : KiSi_30, Oscar_30
- Track 468 : Chris_30
- Track 469 : Curiosium_32
- Track 470 : CallaLilly_31
- Track 471 : Beezoo_31
- Track 472 : Scarlett_30
- Track 473 : Findley_29, Strobilo_29
- Track 474 : Doughnut_30, Mufasa_30, BoostSeason_30
- Track 475 : TM4_30
- Track 476 : DismalStressor_29, DismalFunk_29, Marcoliusprime_29
- Track 477 : ZoeJ_29
- Track 478 : Milly_29
- Track 479 : TBond007_31, Keshu_32, ShedlockHolmes_32
- Track 480 : TribbleTrouble_30
- Track 481 : MacnCheese_32
- Track 482 : Lea83_32
- Track 483 : Neighly_31
- Track 484 : Pharb_30
- Track 485 : Hurricane_32
- Track 486 : Pixie_31
- Track 487 : Cheetobro_32, Qhanda_33, Juliette_34, Chancellor_32, Slarp_32
- Track 488 : Malthus_33, JF1_32, Wintermute_32, Kraw_32, Y10_32, YasnayaPolyana_32, Y2_32, Fionnbharth_32
- Track 489 : OmniCritical_32, Taquito_32, Mitti_32, SamScheppers_32, Eponine_34, DanSyl44_35, Ruthiejr_33
- Track 490 : Reptar3000_32
- Track 491 : Bobquesha_33
- Track 492 : MissDaisy_32, Patt_32
- Track 493 : Lebo14_32
- Track 494 : Leston_30, Guillsminger_30, Paola_30
- Track 495 : Agent47_30, InvictusManeo_30, Collard_30, ViviJ_29
- Track 496 : Feyre_30, Gengar_30
- Track 497 : OkiRoe_30
- Track 498 : Miryou_30
- Track 499 : Waterfoul_30
- Track 500 : Edugator_30, AlleyCat_31, Dadosky_31, Psycho_31, Larva_31
- Track 501 : Rando14_31
- Track 502 : Kratio_29, BananenDer11_30, DoubleChamp_30
- Track 503 : SoSeph_30, Heftyboy_30
- Track 504 : Omnicron_31
- Track 505 : LilDirt_29
- Track 506 : Thyatira_30
- Track 507 : Bryler_31, Phrank_31, Tierra_31, Cain_31
- Track 508 : Ximenita_32
- Track 509 : Amohnition_30
- Track 510 : Fefferhead_30
- Track 511 : TClif_32
- Track 512 : Ekdilam_28
- Track 513 : Unicorn_31, PhelpsODU_31
- Track 514 : November_29
- Track 515 : Tigress9_32, Krueger_31

- Track 516 : Marshawn_32
- Track 517 : Syra333_31
- Track 518 : Yuna_32
- Track 519 : Applecrisp_29, Ellie_28
- Track 520 : Shadow1_30, Sunflower1121_30
- Track 521 : SirPhilip_30
- Track 522 : Lavahound_29
- Track 523 : Hammy_30, DarthP_30
- Track 524 : Amgine_29
- Track 525 : Aminay_31
- Track 526 : Boilgate_28
- Track 527 : AvadaKedavra_26, Halena_26, Silverleaf_26
- Track 528 : Acquire49_26, CicholasNage_26, Rose5_26, Zaria_26, Tyson_26, Wyatt2_26, Wamburggrxpress_26, Calm_26
- Track 529 : Appletree2_26, OhShagHennessy_26, Enceladus_26, DirkDirk_26, Poochiewood_26, JoeDirt_26, MAckerman_26, UPIE_26, LeBron_26
- Track 530 : Rumpelstiltskin_28, SoJulia_29, Rossetti_28, Gabriela_28
- Track 531 : Tourach_28
- Track 532 : BigCheese_28, Itos_28, Faith1_28, BobsGarage_28, Netyap_28, Breezona_28, Miley16_28, Winky_28, DrSeegs_28
- Track 533 : Lynnae_28, Nicholasp3_28, Wilder_28, Crossroads_28, Lewan_28, Kahlid_28, Hafay_28, GuuelaD_28, Sarshaun_28, Underpass_28, Gardann_28, Wigglewiggles_28, MkaliMitinis3_28, Soap141_28
- Track 534 : Bazzle_28, Archie_28
- Track 535 : Loadrie_28, OverPar_29
- Track 536 : Baoshan_27, ZhongYanYuan_27
- Track 537 : Finemlucis_28
- Track 538 : Vetrix_28
- Track 539 : Claus_28, DHan_28
- Track 540 : DanBing_27
- Track 541 : Zakai_28
- Track 542 : LilDestine_28
- Track 543 : Jubie_28, TriFive_28, Moostard_28, Jobypre_28, Snenia_28, Clautastrophe_28, Nicholas_28, Lumos_28, Kingsolomon_28, MsGreen_28
- Track 544 : Finnry_28, Bellis_28, Samty_28
- Track 545 : KirDoubleO7_26, Ellson_28, BourbonZero_27, LiyuLake_28
- Track 546 : MiniLon_28, Lolly9_28
- Track 547 : DuncansLeg_28
- Track 548 : Krypton555_28, Whirlwind_29
- Track 549 : Red305_28
- Track 550 : MiniMac_28
- Track 551 : Douge_26, Quby_26, FarmResident_26
- Track 552 : Douzhi_26, BrainDrainer_27, Sheng711_26
- Track 553 : ChutneyChips_26
- Track 554 : PYPDinur_26
- Track 555 : Kropertea_26, DyoEdafos_27
- Track 556 : Chaser_26
- Track 557 : Bromden_28
- Track 558 : Aegeus_29, Baudelaire_29
- Track 559 : Dulcita_39, Bongo_38, Bricole_38, TyDawg_38, FreakyGoo_39, Auspice_38, Diminimus_39, TpudiCK_39, Glaske16_39, Izel_39, PegLeg_38, Skinny_39, LilhomieP_37, IPhane7_38
- Track 560 : KleverKiS_38, SlimJimmy_37

- Track 561 : Reindeer_38
- Track 562 : RoseMarie_40
- Track 563 : Estes_44
- Track 564 : Rey_43
- Track 565 : GardenSalsa_43, MrMagoo_43
- Track 566 : Aziz_43, GenevaB15_43
- Track 567 : Nanosmite_43
- Track 568 : Butters_27, Rubeelu_27
- Track 569 : Phrann_26
- Track 570 : Kevin1_27
- Track 571 : Impisi_27
- Track 572 : KingPhillip3_66, Corndog_70, FoulBall_67, Winget_68, Wildflower_67, Dylan_67, Murai_68, Schuy_68, Vorrps_67, MadKillah_68, Alkhayr_67, Ashwin_69, Zakhe101_66, Mori_67, NiebruSaylor_66, Shida_67, Krili_66
- Track 573 : JangDynasty_67, TelAviv_64, Catdawg_67, Famliton_68, SchoolBus_67, Vagabond_67, Idergollasper_67, Blessica_68, YoyoKar_65, Zebo_67
- Track 574 : Firecracker_69
- Track 575 : Ryadel_71, Smooch_70
- Track 576 : Imara_65
- Track 577 : YungJamal_72, Wogge42_66
- Track 578 : Bora_65
- Track 579 : Sonah_27, Necropolis_27
- Track 580 : Pygmy_29
- Track 581 : Camster_27
- Track 582 : BronnyJr_27, Techage_27
- Track 583 : Zilizebeth_27
- Track 584 : Atcoo_27
- Track 585 : Glaske_27, CactusJack_27, Gavriela_27, StressBall_27, KilKor_27, Megiddo_27, Phalm_27
- Track 586 : Phegasus_27, Jebeks_27, Mangethe_27, Phineas_27, Dynamo_27, Chubbello_27, Etoile_27, Majeke_27, Donovan_27, Arib1_27
- Track 587 : Kari_27, Bartholomew_26, HUHilltop_27, Fishburne_27, Venti_27, Vidya_27, FirstPlacePfu_27, Langerak_27
- Track 588 : Polkaroo_27
- Track 589 : GreaseLightnin_27
- Track 590 : GaloreK_27
- Track 591 : Shipwreck_29
- Track 592 : Bhagsy_27, PeanutPie_27
- Track 593 : Juniormint_27, Bunnies_27, Ksquared_27
- Track 594 : Jung_26
- Track 595 : Brusacoram_27, Thespis_27
- Track 596 : Malithi_27
- Track 597 : StevieRay_27
- Track 598 : Xavia_27
- Track 599 : Forge_32, Hail_32, Amymech_33, Luke_33, LilHazelNut_33, HH92_32, Luna22_32, Giles_32, Ubuntu_33, BloominB_33, Evanesce_32, Dewey_32, OBUpride_33, Kinbote_33, Wishmaker_32, Webster2_33, Hadrien_33, Ein37_33
- Track 600 : Gravaillia_32
- Track 601 : Gancho_32
- Track 602 : DeepSoil15_33
- Track 603 : Amochick_33, Daegal_34
- Track 604 : NovoPizza_29
- Track 605 : Yelo_39

- Track 606 : MontyDev_39
- Track 607 : Send513_39, Candle_39, Zenon_40
- Track 608 : Riparian_39, Papyrus_39, Rope_39
- Track 609 : Weiss13_39
- Track 610 : Nilo_40
- Track 611 : Demikore_42
- Track 612 : Madruga_40, Labelle_41, Patience_42, SuperSonics_41
- Track 613 : Stellammi_37
- Track 614 : Bluvara_28
- Track 615 : Wildcat_52, MaryV_52, Azrael100_51, Cosmo_52, EniyanLRS_49
- Track 616 : Gaia_34
- Track 617 : Nebkiss_35
- Track 618 : Hilltopfarm_32
- Track 619 : Faiyaz_32, Typha_32, AuntGwenStacy_32
- Track 620 : LilSpotty_32
- Track 621 : DS6A_31
- Track 622 : Kumao_39
- Track 623 : MooMoo_29

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 175, it was called in 331 of the 2027 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• 20ES_11, 39HC_042, 40AC_14, 40BC_042, A6_08, AFIS_10, AN3_11, AbbyPaige_13, AbbysRanger_10, Abbysshoes_11, Abrogate_110, Acme_11, Adahisdi_11, Aeneas_12, Agaliana_10, Agape74_13, Ajay_10, Aldrich_11, Alsfro_14, Altman_11, Alvin_11, Anglerfish_10, AnnaL29_14, Anselm_11, Applejack_10, Arcanine_10, ArcherNM_13, Arlo_9, Ashballer_8, Atkinbua_10, BK1_08, BPBiebs31_11, BabyBack_13, Backyardigan_10, BaconJack_12, Bactobuster_12, Baehexic_12, Barriga_10, BarrowTuph_9, Beatrix_9, BeesKnees_10, BengiVuitton_12, Benvolio_11, Bethlehem_10, Bexan_9, BiancaTri92_13, Big3_10, BigMau_11, BigPaolini_11, Bigchung_10, Bigfoot_9, BillKnuckles_11, Bircsak_10, Blackflame_10, Blesser_10, BluSpix_10, Blue_10, Bob3_9, BobSwaget_14, Bones_10, Briton15_11, Bruns_8, Buggy_13, Bumblebee11_10, Burton_10, Buttons_11, Bxb1_9, CRB1_11, CactusRose_9, Carlyle_12, CatBus_11, Centaur_13, Chanagan_9, Changeling_14, ChipMunk_13, Chupacabra_10, Ciao_10, Colin_15, ConceptII_10, Corvo_10, Crispicous1_9, Crucio_11, DD5_11, Daishi_11, Dalmatian_11, Datway_10, Deloris_12, Dexes_11, Dignity_13, DirtDevil_11, DontArgue_9, Doom_10, DrFeelGood_9, Drake55_13, Drake94_9, DreamCatcher_11, Dreamboat_11, DroogsArmy_11, DudeLittle_11, Dulcie_9, Dussy_11, DustyMartin_13, Dynamix_10, EZMoney23_15, Eaglepride_11, EasyJones_253, Echidna_11, Edison31_10, Edtherson_11, EnzoK_11, Equemioh13_13, Espresso_10, Euphoria_10, Eyeball_10, Fajezeel_11, Fameo_11, Fascinus_9, Fenn_10, FiringLine_11, First_0011, Flare16_11, ForDig_42, Forsytheast_9, Francis47_10, Fushigi_10, GMonster_9, GageAP_11, Gandalf20_11, GaugeLDP_13, Georgie2_12, Gompeii16_10, Goose_10, Graduation_12, Gratitude_12, GrecoEtereo_11, Greg_11, GroundGoblin_11, Gwendoluna_11, Gyzlar_11, HINder_10, Hami1_11, HanShotFirst_10, HarryHoudini_13,

HarryOW_11, Heffalump_13, Hermia_12, HermioneGrange_11, HippoHollow_12, Homines_10, Hope4ever_10, Hosp_040, ILeeKay_12, Ichabod_10, IgnatiusPatJac_9, Inyanga_9, Iqorha_9, IronMan_13, Iwokeuplikedis_11, Izajani_248, JC27_12, Jaan_14, JackSparrow_10, Jasper_11, Jerm2_10, Jerm_13, Jolie1_042, Jorgensen_10, JoshKayV_13, JuliaChild_12, KBG_11, KSSJEB_9, Kalpine_14, Kanely_11, Katalie136_10, KayaCho_42, Kenmech_12, KikiBouba_11, Killigrew_8, KingCyrus_13, Kinmap_10, KittenMittens_9, Kristoff_11, Kugel_11, KyMonks1A_12, Kykar_8, LadyBird_11, Lamina13_10, Landor_12, Larenn_12, Leogania_13, Lesedi_9, Levia_9, Leviathan_13, LilBib_11, LilMcDreamy_46, LiITurb_13, LionsBait_12, LittleGuy_10, Lockley_10, Lokk_14, Lopton_11, Loser_14, LunarLander_10, MPlant7149_9, Magnar_10, Magnito_9, Makemake_10, Malec_12, Manatee_10, Marcell_10, Marco3_10, Marge_10, Maroc7_9, Marsha_10, MaryBeth_10, McGuire_10, McSinger_11, MetalQZJ_10, Michley_10, MiculUcigas_11, Miko_14, MilleFeuille_7, Mkhuseli_9, Molly_11, Monet_11, Moose_9, Morpher26_10, MrGordo_10, Mryolo_9, Mule_10, Museum_11, NEHal0_10, NaSiaTalie_11, Naira_10, Nhonho_10, NicoleTera_15, Niza_11, Norz_12, NothingSpecial_13, Noxious_11, Nyxis_10, OKCentral2016_10, Ohno789_9, Oogway_9, PSullivan_12, PacerPaul_10, Papez_12, Paphu_9, Paraselene_9, Pari_11, Parliament_9, PascalRango_9, PattyP_11, Payneful_10, PeaceMeal1_9, Pelly_11, Pepe_11, Perplexer_10, Perseus_11, Peterson_13, PetiteSangsue_10, Petp2012_12, Petruchio_10, Phaded_14, PherrisBueller_11, PhineBark_8, Phlippers_9, Phontbonne_10, PhrostyMug_10, PinkPlastic_8, Pinkcreek_232, Pinto_12, Pippin_11, Piro94_12, Pita2_12, Poompha_9, PowerRanger_10, Power_11, ProMouse_9, Prudy_13, Pukovnik_13, Puppet_10, QTRlifeCrisis_10, QueenB2_11, QueenBeesly_11, Rachaly_14, Raid_11, Rajelicia_9, Rebeuca_11, RedRock_14, Refuge_14, Retro23_11, RhynO_11, Rhynn_10, RidgeCB_10, Ringer_10, Rohr_11, Rowdy_13, Rubeus_10, Rufus_10, Ruotula_9, Rutherford_11, STLscum_11, Sagefire_11, Sanya_9, SarFire_10, Scowl_11, Seabiscuit_11, Seanderson_11, SemperFi_13, Severus_9, Shapes_13, ShortQueendom_9, Shygu2_10, Sibs6_11, SkiPole_12, Sknot_11, Slagathor_10, Smairt_11, Smeagan_13, Smeagol_11, SnapTap_11, Snazzy_8, Solon_10, Sorpresa_10, SpikeBT_11, Squee_10, StewieG_9, StrongArm_9, Sumter_9, Sunshine924_9, SweetiePie_11, SwissCheese_10, Switzer_10, Swole_12, Target_11, TarsusIV_11, Tasp14_11, Teodoridan_8, Terrific_15, TheloniousMonk_11, Thor_10, Timshel_11, Topanga_10, Tote_12, Traft412_12, Treddle_11, Trike_8, Tripl3t_11, Tristan_12, Trixie_14, Trooper_11, Trouble_10, Turbido_13, Turj99_9, Twister_10, TwoPeat_11, U2_9, Updawg_13, VA6_11, Violet_9, WalterMcMickey_10, Watermelon_12, WeiHuaDA_17, Whabigail7_13, Wheeler_10, Whitspit_11, WideWale_13, Wile_10, Wilkins_10, XianYue_11, Zeeculate_9, Zephyr_10, Zeuska_11, Zimmer_13,

Genes that have the "Most Annotated" start but do not call it:

- Ablatia_252, Ading_255, Adlitam_252, Alice_238, AlpineSix_32, Amataga_253, ArcherS7_253, Asterius_253, Astraea_248, Atlantean_252, Audrick_255, Ava3_249, Babyland_255, BackyardAgain_247, BadAgartude_246, BananaFence_250, Bangla1971_253, Basquiat_250, BeanWater_245, Beanstalk_35, Belieber_246, Bezza_240, BigCity_260, Bigswole_257, Bipolarisk_250, Blackbrain_251, Blackdragon_247, Blarby_39, Blubba_239, BlueCrab_31, BobaPhatt_245, Bonray_255, Bowman_251, Bread_249, Breeniome_252, Burrough_253, Burwell21_31, Bxz1_238, Cactojaque_247, Cali_242, Cane17_241, Capablanca_257, CaptainTrips_32, Caravan_242, CartmannCramer_10, Catera_241, Chargie21_250, CharlieB_247, ChaylaJr_251, ChickenPhender_248, Chomp_251, ChristmasHams_10, Chuckly_31, CindyLou_253, Cleatunium_246, Clifton_25,

Colt_242, Concombre_258, Cueyllyss_10, DTDevon_253, DaWorst_33, DaddyRickover_31, Daffodil_258, Dandelion_258, Darko_252, Deb65_31, DeejaClivia_239, Delilah_250, Delylah_254, Demodog_260, Derek_248, Dessert_249, Dietrick_241, DillTech15_31, DirtMonster_241, DoRead_32, Domi_246, Dorothy_31, DrPhinkDaddy_249, Drago_32, Drazdys_249, Duckfeet_246, ET08_238, EggyFarm_260, EmToTheThree_253, EmmaElysia_257, Emmaloid_33, Erdmann_254, ErnieJ_246, Essence_250, EvilGenius_13, Ewok_251, Fancypants_31, Fastidio_33, Fixie_253, Flabslab_247, Fludd_252, Fongie_252, FoxtrotP1_251, FrayBell_255, Froghopper_11, FudgeTart_248, GUmble_31, Gabriel_255, Gachnar_10, Gamgam_254, Gandolph_32, Geralt_31, Ghost_252, GigiOuiOui_31, Girr_33, Gizmo_258, GlutenPhree_253, Grasshills_259, Grungle_234, Guwapp_248, Halldule_244, Hamulus_32, Harley_31, HyRo_237, I3_262, IMpilo_30, Ibhubesi_31, IkeLoa_246, InigoMontoya_256, InterFolia_254, Iota_249, IrishSherpFalk_33, Issimir_246, JPickles_250, Janiyra_256, Jarcob_31, JayJay_252, Jaygup_249, Jedediah_254, Jemmno_252, Jennelsea_25, Jessibeth14_252, Jezreel_249, JigglyPuff_258, Jinglebell_30, JulietS_241, JustHall_246, Kamryn_251, Karhdo_31, Kboogie_256, Kersh_30, Khaleesi_251, Koella_25, Koguma_251, Krakatau_32, LRRHood_244, Labradorite_249, LastJedi_25, Latch_252, Lee7_253, Leperchaun_31, Lethe_250, Licorice_12, LifeSavor_253, LilMoolah_31, LinStu_249, Littleton_256, Lizziana_31, Llama_31, Llij_31, Loanshark_249, LolaVince_248, LookingGlass_250, LordLeafolot_253, Luchador_11, Lukilu_241, Lunareta_249, Maby2021_253, Mahavrat_31, Mangeria_252, Mantra_31, Maravista_31, Marchy_9, Martik_31, Matsumoto_250, Maturis_246, McGee_254, McWolfish_249, Megamind_249, Melpomini_247, MikeLiesIn_253, Mikro_246, MisterCuddles_33, MoMoMixon_248, Moby_249, Modragons_31, Moiqah_248, Momo_254, Montpel_249, MooMoo_29, Morizzled23_250, Mozy_33, Mwanjiwa_31, Naija_253, Napoleon13_249, Nappy_251, Naval22_257, NedWong_251, Nerujay_11, Ngannou_247, Nidhogg_253, Nimbo_31, Nitzel_32, Nivrat_31, NoodleTree_248, Norm_252, NormanBulbieJr_31, NuevoMundo_254, Ochi17_29, OfUltron_31, Oksu_32, OrediggerDelux_249, PHappiness_31, PMC_31, Pacc40_31, ParkTD_251, Patter_254, Phalconet_31, PharkleMinkus_256, Phasih_32, Phatniss_32, PhesterPhotato_31, Phlegm_257, Phox_253, Phusco_251, Pier_251, Pio_259, Pivoine_253, Pleione_256, Primadonna_248, Pupusa_255, PurduePete_253, QBert_244, Quasimodo_255, Rabinovich_245, Rahel_254, RedBird_31, Renaud18_31, Rizal_241, RoMag_247, Rocha_248, Rockne_31, Ronan_248, Roots515_255, Ruby_33, SVoro_247, Salacia_254, Sandaddy_9, Sauce_249, ScottMcG_244, Seabastian_31, Sebata_252, Shaqnato_243, Shelob_253, ShiLan_31, Shialabeouf_250, Shifa_228, Shnickers_251, ShowerHandel_31, Shrimp_255, SiSi_31, SilverDipper_257, Slim_33, SmallFry_253, Spec_246, Specks_257, Sprinklers_250, Spud_244, SrishMeg2525_250, Starceovich_35, StephanieG_246, StubbySaigey_259, Stubby_235, Substance289_248, SwagPigglett_31, Tainan_252, Tchotchke_31, Teardrop_251, TinyTim_251, Topgun_10, Topiatin_34, Tortoise16_250, Trinitium_249, Turret_243, Tyke_249, UncleRicky_34, ValleyTerrace_253, Veteran_31, Wachhund_31, Wally_250, WillSterrel_33, Willis_253, XFactor_31, Yassified_248, YemiJoy2021_253, Yorick_31, YoungMoneyMata_252, Yucca_253, Zalkecks_251, Zeenon_253, Zizzle_31, ZygoTaiga_249,

Genes that do not have the "Most Annotated" start:

- 244_37, ABCat_34, ABU_50, ACFishhook_12, AN9_14, ANI8_14, Abdiel_10, Abinghost_47, AbsoluteMadLad_48, Achebe_10, Acolyte_11, Acquire49_26, ActinUp_31, Adephagia_31, Adnama_38, Adonis_31, Adriana_50, Aegeus_29, Aelin_48, Agent47_30, Ageofdapage_31, Aglet_12, AgronaGT15_12, Aikoy_46,

AizenPogi_28, Akhila_25, Akoma_47, Albee_10, Alberto7_11, Aleia_49, Alexphander_34, AlishaPH_31, Alkhayr_67, AlleyCat_31, Aloeri_33, AltPhacts_49, Altwerkus_48, Amao_35, Amelie_27, AmericanBeauty_37, Amgine_29, Aminay_31, Amochick_33, Amohnition_30, Amymech_33, Anaya_32, Anderson_49, Andre_50, AngelCake_49, Angel_28, Angelica_31, Anma_31, Annihilator_28, Annyong_10, Antonia_48, Antsirabe_28, Anubis_14, Aonishiki_50, Apizium_49, Apocalypse_31, Applecrisp_29, Appletree2_26, Archie_28, ArcusAngelus_31, Ardmore_30, Argent26_37, Arib1_27, Ariel_48, Aroostook_28, Arturo_9, Asayake_31, Ashraf_49, Ashwin_69, Asriel_34, Atcoo_27, Athena_48, Atiba_31, Aubs_32, Audrey_47, AugsMagnumOpus_14, AuntGwenStacy_32, Auspice_38, AvadaKedavra_26, Avani_36, AvatarAhPeg_10, Avle17_10, Avrafan_28, Awesomesauce_32, Aziz_43, Azrael100_51, AzulaCat_28, B1_08, BAKA_53, BEEST_31, BGlluviae_31, BPs_28, BQuat_28, BaboJay_34, Babsiella_27, Baby16_10, BabyJohn_9, BabyRay_10, BadStone_34, Badfish_50, Badger_10, BaghaKamala_31, Bagrid_48, Balomoji_34, Baloo_47, BananenDer11_30, BangNhom_9, Banjo_48, Baoshan_27, Barbarian_34, Barkley26_28, Barnyard_40, BarrelRoll_31, Bartholomew_26, Bartimeaus_10, Basato_50, Bask21_35, Batiatus_31, BatteryCK_48, Baudelaire_29, Bazzle_28, Beaglebox_48, Beakin_32, Beauxregard13_12, Becksu_35, Beem_49, Beezoo_31, Bella96_31, Belladonna_31, Bellis_28, BellusTerra_10, Ben11_46, Bench_37, Bern_31, Bernardo_48, Bhagsy_27, BigBubba_36, BigCheese_28, BigPhil_27, Bigflo_12, Binglebops_27, BilboSwaggins_35, Bipolar_28, BirdsNest_51, Bishoperium_48, BlackStallion_50, Blackmoor_10, BlacksBerry_48, Blessica_68, Blexus_31, Blizzard_31, BloominB_33, BlueBird_11, BlueHusk_49, Bluephacebaby_48, Bluvara_28, BobaPhett_31, Bobby_48, Bobi_33, Bobquesha_33, BobsGarage_28, BodEinwohner17_31, Boehler_49, Bogg_35, Bogie_29, Boiii_31, Boilgate_28, Bombitas_46, Bombshell_10, Bongo_38, BoogieWoogie_48, Boomer_33, BoostSeason_30, Bora_65, BourbonZero_27, Bradman_10, BrainDrainer_27, BreSam8_12, Breezona_28, Brewer_35, Briakila_48, Bricole_38, Brilliant_49, Brocalys_26, Bromden_28, BronnyJames_41, BronnyJr_27, Brookers_29, Broseidon_10, BruceB_28, Bruin_35, Bruiser_10, Brujita_30, Brusacoram_27, Brushbloom_32, Bryler_31, BubbleTrouble_10, Bubbles123_33, Buck_34, Buckeye_49, Budgie_38, Bugatti_10, BugsBunny_33, Bunnies_27, Burger_9, Burr_48, Butters_27, BuzzBuzz_11, BuzzLyseyear_34, Bxz2_12, Byougenkin_31, C3_09, CLED96_28, CREW_31, Cabrinians_31, CactusJack_27, Cactus_36, Caelakin_10, Cain_31, CallaLilly_31, Calm_26, Calvinny_13, CamL_49, CampRoach_50, Camperdownii_9, Camri_28, Camster_27, Candle_39, Cannibal_49, Capricorn_31, Carthage_47, Casbah_46, CaseJules_31, Caspiboi_48, CassieYates_28, Catdawg_67, Caviar_11, Cedasite_28, CentreCat_10, Cerasum_27, Cerulean_10, ChaChing_47, Chaelin_49, Chah_51, Chalmers_47, ChampagnePapi_10, Chance64_28, Chancellor_32, Chandler_47, Chaph_10, Charles1_49, CharlieGBrown_48, Chaser_26, Chavito_31, Che8_33, Che9d_36, Cheesepuff_34, CheetO_49, CheetoDust_31, Cheetobro_32, Chentzyk_47, Cher_48, Cherrybomb426_28, Chevrolet_32, ChickenDinner_33, Childish_48, Chipette_50, Chiqui_9, Chorkpop_49, ChosenOne_35, ChotaBhai_35, Chris_30, Chubbello_27, Chuni_48, Chunky_49, Chute_48, ChutneyChips_26, CicholasNage_26, Cici_10, Cindaradix_9, Cintron_10, Citius_10, Cjw1_35, Clammy_10, Clank_29, Clarenza_10, Claus_28, Clautastrophe_28, Clipper_31, ClownCar_13, Cobra_49, Coco12_31, CocoaBerry_10, Colbert_49, Colbster_12, Coleslaw_28, Coletti_49, Collard_30, Command613_36, Commander_10, Compostia_48, Connomayer_10, Constella_41, Contagion_34, Cookies_35, Corium_31, Cornbread_48, Corndog_70, Cornie_31, Cornobble_48, Cornucopia_32, Corofin_47, Cosmo_52, Cosmolli16_48, Courthouse_48, Craff_50, Crespo_28, CrimD_31, Croquant_13, Crossroads_28, Crownjwl_49, Crumble_25, CrystalP_35, Cullens_12, Curiosium_32, Czyszczone1_36,

D29_12, D32_14, DBQu4n_14, DHan_28, DLane_31, DMoney_28, DNAll_0028, DRBy19_31, DS6A_31, DaHudson_12, DaddyDaniels_49, Dadosky_31, Daegal_34, Daenerys_31, Daffy_49, Daikon_34, Daisy_47, Daka_50, Dallas_51, Dalmuri_31, DanBing_27, DanSyl44_35, Dante_31, Darionha_28, DartGoblin_31, DarthP_30, Dartin_31, Dati_49, DeadP_31, Deano_10, Deby_31, Deenasa_47, DeepSoil15_33, DeerParkTS_12, DelRivs_48, Demikore_42, Demsculpinboyz_36, Derpp_48, Devera_31, Devonte_47, Dewey_32, Dhanush_10, Dice_48, Dieselweasel_12, Diminimus_39, DingDing_28, Dingo_49, Dione_48, DirkDirk_26, DirtJuice_49, DirtMcgirt_32, DirtyDunning_10, DismalFunk_29, DismalStressor_29, DmpstrDiver_50, DocMcStuffins_33, DoctorDiddles_35, Doddsville_49, DoesntMatter_48, DolOn_52, Dole_31, DonSancho_48, Donkeykong_31, Donovan_27, Doomphist_31, Doomslug_34, DosHalletts_33, DotProduct_31, DoubleChamp_30, Doug_32, Douge_26, Doughnut_30, Douzhi_26, Dove_46, DrDrey_36, DrHayes_31, DrLupo_42, DrSeegs_28, DropBear_10, Druantia_10, DuchessDung_48, Duggie_48, Duke13_52, Dulcita_39, Dumbo_35, DuncansLeg_28, Duplo_14, Durfee_31, Durga_50, Dusk_34, Dylan_67, Dynamo_27, DyoEdafos_27, ECartman_28, Eagle_9, Eapen_10, Easy2Say_37, Edugator_30, Efra2_31, Ein37_33, Eish_31, Ejimix_49, Ekdilam_28, EleanorGeorge_32, Elite2014_34, Ellie_28, Ellson_28, Elph10_36, ElvisPhasley_50, Emerson_31, EmiMonkey_32, Emiris_50, Emma_33, Emmina_36, EmpTee_49, Empress_32, Enby_33, Enceladus_26, EniyanLRS_49, Enkosi_27, Enzomatic_35, EpicPhail_12, Eponine_34, Eradicator_31, Eremos_49, EricMillard_49, Eris_10, Eros_10, Estave1_29, Estes_44, Etaye_49, EtoileNova_11, Etoile_27, Eugenia_49, Eureka_35, Eurydice_10, Evanesce_32, FairyPath_35, Faith1_28, Faiyaz_32, Familton_68, Fang_50, Farber_12, FarmResident_26, Fefferhead_30, Fernando_12, Feyre_30, Filch_36, Filuzino_31, Findley_29, Finemlucis_28, Finnry_28, Fionnbharth_32, FireRed_35, Firecracker_69, Firehouse51_32, FirstPlacePfu_27, Fishburne_27, Flake_51, Flathead_31, FleetyMac_50, Florean_10, Florinda_31, FluffyNinja_50, Flux_10, FlyCatcher_14, Flypotenuse_33, FoghornLeghorn_34, ForesterFrank_12, Forge_32, FoulBall_67, Fozzie_48, Frankicide_49, Frankie_35, FreakyGoo_39, Fred313_10, FreddyB_31, FremontTroll_49, Freya_48, FriarPreacher_48, Fringe_50, Frosty24_28, Fruitloop_30, FugateOSU_48, Funsized_52, Funston_10, Gabriela_28, Gadget_48, Gadost_10, Gage_37, Gaia_34, Galactic_33, GaloreK_27, Gancho_32, Ganymede_32, Gardann_28, GardenSalsa_43, Gareth_48, Gator_33, Gavriela_27, Gemini_38, Gemma_12, GeneCoco_49, GenevaB15_43, Gengar_30, Geraldini_31, Gervas_47, Gideon_28, Giles_32, GingkoMaracino_12, Girafales_32, Giraffe_49, Giroux_11, Glaske16_39, Glaske_27, GlenHope_48, Glexan_33, Glubnar_48, Goku_35, GoldenAsh_28, GoldenSpark_37, Goldilocks_36, Gomashi_28, Gonephishing_50, GooberAzure_37, Gophee_49, Gorge_31, Grand2040_48, Gravallia_32, GreaseLightnin_27, GreenChile_50, Greep_36, Grif_12, Grimmer_33, Grizzly_28, Groupthink_13, Grub_12, Grum1_12, GtownJaz_12, Guanica15_31, Guillsminger_30, Guppsters_33, GuuetaD_28, Gwennie1_49, Gwennie_11, Gwilliam_49, Gyarad_0049, HC_28, HH92_32, HSavage_49, HUHilltop_27, Hades_32, Hadrien_33, Hafay_28, Hail_32, Haimas_49, Haleema_48, Halena_26, Halfpint_46, Halley_49, Halo_28, HamSlice_9, Hamish_49, Hammy_30, HanKaySha_36, Hannaconda_45, Happabalu_49, Happiness_10, Harella_34, Hartsy_49, HarveySr_47, Harvey_49, HashRod_13, Hashim76_51, HaveUMetTed_13, Heathcliff_47, Heathen_10, HedwigODU_31, Heftyboy_30, Hegedechwinu_32, HelDan_10, Held_49, Heliosoles_12, HenryJackson_48, Henry_36, Hercules11_12, Hertubise_49, Hetaeria_49, Hidrated_49, HighStump_49, Highbury_36, Hilltopfarm_32, Hlubikazi_32, Hocus_48, HogWash_49, HokkenD_42, Holli_10, Holt_36, Homura_31, Hookmount_11, Hoonter_37, Hope_28, Hopey_37, Horchata_49, Hotshotbaby7_28, Houdini22_10,

HufflyPuff_34, Hughesyang_47, Hurricane_32, Huxley_10, Hyperbowlee_31, ICleared_10, IHOP_35, IPhone7_38, IbOuu_33, Icee_34, Iceman_10, IdentityCrisis_26, Idergollasper_67, Idleandcovert_10, Illumine_31, Imara_65, Impisi_27, ImtiyazSitla_49, Imvubu_41, Inca_34, Inchworm_50, Indlulamithi_36, Inky_31, Inventum_31, Inverness_49, InvictusManeo_30, Iracema64_10, Iridessa_49, Iridoclysis_49, IsaacEli_50, Isca_10, Island3_30, Itos_28, Izel_39, JAWS_31, JDog_48, JF1_32, JF2_10, JF4_10, JHC117_12, Jabbawokkie_39, JacAttac_50, Jackstina_44, JakeO_48, JalFarm20_34, James_31, Jane_28, JangDynasty_67, JangoPhett_49, Jant_32, Jarvi_31, Jayhawk_31, Jaykayelowell_10, JeTaime_37, Jebeks_27, Jeckyll_31, Jeilious_28, JenCasNa_12, JeppNRM_13, Jesabah_49, JetBlade_10, Jillium_48, Jiminy_48, Jiraiya_48, Job42_35, Jobu08_12, Jobypre_28, JoeDirt_26, JoeyJr_31, Jolene_28, Jolie2_28, Jonghyun_28, JoongJeon_10, JorRay_28, Joy99_31, Jsquared_10, Jubie_28, Juice456_32, JuicyJay_51, Juliette_34, Jung_26, Juniormint_27, Juniper1_31, JustASigh_26, KADY_13, KFPoly_10, KLUcky39_49, Kachowdy_10, Kahlid_28, Kahve_48, Kailash_49, Kalah2_49, Kalb97_13, Kalnoky_13, Kamiyu_47, Kampy_10, Kanye_37, Kareem_28, Kari_27, Karn_48, Kasen3_28, KashFlow_42, Katniss_50, Keitherie_49, KekoraPapaka_9, Kenuha5_28, Kerberos_14, Keshu_32, Kevin1_27, Khan1_49, KiSi_30, Kikipoo_50, KilKor_27, Kimberlium_33, Kimbrough_49, Kimchi_37, Kimona_7, Kinbote_33, KingJulian_31, KingMidas_33, KingPhillip3_66, KingTut_40, KingVeVeVe_49, Kingmustik0402_10, Kingsley_30, Kingsolomon_28, KirDoubleO7_26, Klein_49, KleverKiS_38, KlimbOn_49, Kloppinator_50, Knocker_50, Koan_10, Koduck_11, Koreni_9, Kostya_36, KratarK_10, Kratio_29, Kraw_32, Kremtemulon_10, Krili_66, KristaRAM_32, Kronus_46, Kropertea_26, Krueger_31, Krypton555_28, Ksquared_27, Kumao_39, Kwadwo_48, Kwksand96_48, Kyee_10, L5_12, LBerry_12, LHTSCC_10, Labelle_41, Labeouficaum_48, Lambert1_11, Langerak_27, LappelDuVide_10, LarryKay_12, Larson_51, Larva_31, LasagnaCat_50, Lasso_49, LastHope_31, LaterM_31, Latretium_32, Lavahound_29, LeBron_26, LeMond_30, Lea83_32, Lebo14_32, LeeLot_49, Lego3393_48, Legolas_49, Lehmann_49, LeiMonet_50, LemonSlice_49, Lemur_10, Lemuria_29, LeoAvram_10, Leopard_46, Leozinho_33, Leston_30, LestyG_47, Lewan_28, Liefie_28, LilDestine_28, LilDirt_29, LilHazelNut_33, LilPharaoh_27, LilSpotty_32, Lilac_37, LilhomieP_37, Lilith_12, Lilizi_37, Lilpickle_34, LindNT_31, LittleB_10, LittleE_53, LittleMinkey_54, LittleShirley_34, LiyuLake_28, Llorens_31, Loadrie_28, LochMonster_10, Lolly9_28, Longacauda_48, Lopsy_48, LordVader_27, Lorde_33, Lorenzo_10, LostAndPhound_48, Louie6_12, LouisV14_28, Iowa_12, Lucia_32, Lucky2013_48, LuckyMarjie_48, LugYA_14, Luke_33, Lulumae_48, Lulwa_49, Lumine_48, Lumos_28, Luna22_32, LunaBlu_34, LunaStella_33, Lunahalos_31, Lunsford_11, Lynnae_28, MA5_10, MAckerman_26, MISSy_34, MK4_10, MPhalcon_34, MRabcd_48, MacKat_31, MacnCheese_32, MadKillah_68, MadMarie_12, MadMen_29, MadamMonkfish_35, Madiba_29, Madruga_40, Mag7_48, Magic8_49, Mainiac_12, Majeke_27, MajorMajor_10, MalagasyRose_31, Maliketh_28, Malinsilva_14, Malithi_27, Malthus_33, Mana_48, Manad_49, Manda_36, Mandlovu_32, Mangethe_27, Manu_13, Mao1_38, MarQuardt_12, Marchesa_10, Marcoliusprime_29, Margo_11, Marie_12, Marius_13, MarkPhew_31, Marker_32, Marley1013_47, Marleymoo_50, Marlia_47, Marmie_28, Marshawn_32, Marshmallow_35, Maru_48, MaryV_52, Maskar_49, Matalotodo_49, Mattes_31, Maverick_10, Maxo_10, Maxxinista_36, Mayonnaise_10, Mazhar510_10, McMater_31, Mcshane_48, Mdavu_27, MeaningOfLife_31, Mecca_48, Medindi_32, Medusa_10, MeeZee_10, Megamind20_49, Megatron_50, Megiddo_27, Megsy_31, Melc17_49, Melissauren88_31, MelsMeow_49, Melvin_10, Mercurio_30, Mesh1_49, Mesmerelda_48, Methuselah_12, MiaZeal_48, MichaelPhcott_48, Microwolf_12, Mikota_49, MilanaBonita_25, Miley16_28, MilleniumForce_32, Millski_10, Milly_29,

Mindy_35, Minerva_55, MiniBoss_49, MiniLon_28, MiniMac_28, MinionDave_34, Miniwave_35, Minnie_33, Miramae_10, Miryou_30, Misfit_35, Misha28_32, Misomonster_14, MissDaisy_32, MitKao_49, Mitti_32, MkaliMitinis3_28, MmasiCarm_47, Moldemort_36, MollyToe_35, MoneyMay_12, Montavir_11, MontyDev_39, Moonbeam_32, Moostard_28, Morgushi_49, Mori_67, Morrow_10, Mortcellus_46, Morty007_47, Morty_50, Mosaic_48, Mosby_34, Mova_32, Mowgli_28, MrMagoo_43, MrPhizzler_49, Ms6_25, MsGreen_28, MuchMore_14, Mufasa_30, Mulan_49, Mulaychimus_47, MulchExplorer_34, MulchSalad_30, Mundrea_10, Murai_68, Murdoc_49, Murica_34, Murphy_36, Murucutumbu_31, Mutaforma13_31, Mutante_48, Mynx_31, Myrale_35, Nacho_0050, Naji_14, Nala_35, Nanosmite_43, Nathan_49, Nebkiss_35, Nebs_10, Necropolis_27, Neighly_31, Nekros_47, NelitzaMV_35, Nemo27_10, Neoh_28, Neos5_47, Nergal_27, Netyap_28, NewHope4_35, Newman_49, Nibb_30, Nibley_43, Nicholas_28, Nicholasp3_28, Nicole21_49, NiebruSaylor_66, NihilNomen_48, Nikao_27, Niklas_31, Nilo_40, Nimrod_35, NoShow_27, NoSleep_36, Noella_11, Noelle_10, NonchalantPear_35, Norbert_10, NorthStar_10, NotAPhaseMom_10, November_29, NovoPizza_29, Nozo_47, Numberten_49, Nutello_27, Nyala_48, OBUpride_33, OKaNui_10, OSmaximus_50, Obama12_10, Obutu_47, OctaviousRex_28, Odette_49, Ogopogo_31, OhShagHennessy_26, Ohfah_10, OkiRoe_30, Olak_48, OlanP_12, OldBen_31, Olga_28, Oline_48, Olive_49, OliverWalter_49, Olivio_46, Ollie_12, OlympiaSaint_31, Omega_53, OmniCritical_32, Omnicron_31, Omniscient_49, Onyinye_47, Oosterbaan_49, Optimus_54, OrangeOswald_47, Orfeu_48, OrionPax_36, Orion_50, Orwigg_48, Oscar_30, Ovechkin_32, OverPar_29, OwlsT2W_32, P28Green_12, PG1_50, PGHhamlin_14, PP_20, PYPDinur_26, Pacifista_48, PaddyBaddy_36, Padfoot_31, Padpat_31, PaintedDog_30, Paito_28, Palestino_10, PallasAthena_50, Palpatine_35, Panamaxus_11, Paola_30, Paperbeatsrock_37, Papyrus_39, Pat3_34, Patience_42, PatoPoderoso_31, Patt_32, Pawn_12, Peaches_10, Peanam_31, PeanutPie_27, Peeb_28, Peel_31, PegLeg_38, Pembroke_12, Penny1_12, Peridot_36, Periodt_28, PeterPeter_10, Petra64142_37, Phacado_10, Phaedrus_45, Phaja_35, Phalm_27, Phamished_50, Phanphagia_28, Phantastic_10, Pharb_30, Phareon_49, Pharsalus_36, PhatBacter_35, PhatCats2014_50, PhatLouie_49, Phaux_34, Phayeta_48, Phegasus_27, Felipe_10, PhelpsODU_31, PhenghisKhan_48, Pherdinand_50, Phergie_49, Phighter1804_10, Philly_46, Philus_31, Phineas_27, Phipps_49, PhishRPhriends_11, Phish_28, Phleuron_48, PhilipPhlop_32, Phloodle_28, Phlyer_47, Phoebe_12, Phoebus_48, Phoxy_12, PhrankReynolds_47, Phrank_31, Phrann_26, Phranny_13, Phreak_28, PhrodoBaggins_49, Phrux_35, Phunky_49, Piatt_31, Piglet_0049, PinheadLarry_49, PinkYoshi_28, Pinkman_48, Pipcraft_10, Pipefish_49, Piper2020_33, Pippy_25, Pipsqueak_49, Pisa1_30, Pisa4_30, Pistachio_11, Pixie_31, Placalicious_48, Plagueis_28, Plata_49, Plmatters_49, Plumbus_33, Pocahontas_11, Podrick_49, Poenanya_31, Pokerus_30, Policronamos_35, Polka14_32, Polkaroo_27, Pollywog_31, Polo2Bam_35, Polymorphads_10, Pomar16_14, Poochiewood_26, PopTart_31, Popcicle_11, Pops_49, Porcelain_47, Porky_35, PotatoSplit_13, Potter_48, Pound_51, Prickles_49, Priscilla_31, Prithvi_31, ProfessorX_49, Psycho_31, Ptowny_36, Puhltonio_49, Pumbaa_10, Pumpkin_37, Puppy_11, PurpleHaze_12, Pygmy_29, Qhanda_33, Qualification_36, Quby_26, QueenBeane_49, QueenHazel_26, QuickMath_32, Quico_32, QuincyRose_30, QuinnKiro_10, Quisquilliae_49, Quokka_9, Rabbs_28, Radiance_31, RagingRooster_47, Rakim_36, Ramen_31, Ramsey_34, Rando14_31, Rapunzel97_31, Rattrick_28, Rearden_43, Reba_13, Red305_28, RedMaple_49, RedRaider89_51, Redno2_47, Reindeer_38, Relief_10, Remy19_28, Renaissance_28, Reptar3000_32, ResDef_11, Rey_43, Rialto_35, Richarlison_28, Richo_31, Ricotta_48, Riggan_49, Rimmer_34, Rimu_49, Rinkes_49,

Riparian_39, Rita1961_47, RitaG_32, Rita_32, RiverMonster_35, Riverton_48, Robyn_48, RockieBear_9, Rockstar_10, RockyHorror_32, Roimos_10, Roliet_49, RomaT_47, Romney_10, Roosevelt_10, Rope_39, Rosa24_9, Roscoe_50, Rose5_26, RoseMarie_40, Rosmarinus_31, Rossetti_28, Roy17_49, Royals2015_31, Rubeelu_27, Ruin_10, Rummer_12, Rumpelstiltskin_28, Ruriko_28, Ruthiejr_33, Ryadel_71, SDcharge11_49, SG4_32, Saal_31, Sabbb_32, Sabertooth_10, Sabia_12, Sabinator_12, Saints25_36, SallyH_50, SamScheppers_32, Samaymay_49, Samty_28, SamuelLPlaqson_31, Sandalphon_32, Sarma624_27, Sarshaun_28, Sassafras_32, Sassay_34, SassyB_31, SassyCat97_48, SaturnRing_10, Sbash_26, Scamp_10, Scarlett_30, Schadenfreude_48, Schatzie_46, Schiebel_28, SchoolBus_67, Schueller_48, Schuy_68, Scoot17C_50, Scottish_32, Scout_10, Scrick_49, Seagreen_32, Selr12_49, Send513_39, SenorClean_10, Serendipity_49, Serenity_10, Serpentine_0049, SgtBeansprout_27, ShaboiShabazz_28, Shaboozey_41, Shadow1_30, ShadowBud_49, Shaka_10, ShamWow_35, Shaobing_31, Shauna1_28, ShedlockHolmes_32, Sheen_12, Sheila_49, SheldonCooper_10, Shenandoah_47, Sheng711_26, ShereKhan_37, ShiVal_49, ShiaSurprise_31, Shida_67, Shipwreck_29, ShroomBoi_28, Sigman_50, SilverBell_49, SilverChicken_38, Silverleaf_26, Simielle_48, Simpliphy_36, SimranZ1_34, SirBeauregard_49, SirDuracell_34, SirPhilip_30, Sizemore_28, Skinny_39, Skipitt_10, Skippy_49, Slarp_32, Slatt_49, SlimJimmy_37, Slimphazie_31, SlippinJimmy_47, Smooch_70, Sneeze_28, Snenia_28, Snickers_12, SoJulia_29, SoSeph_30, SoYo_12, Soap141_28, SoilDragon_12, Soile_49, Solosis_48, Sonah_27, SophKB_35, Sophia_48, Soshari_14, Soto_49, Sotrice96_35, Soul22_36, Sparkdehlily_31, Spartacus_33, Spartan300_49, Sparxx_10, Spike509_12, Spikelee_33, Spino_10, Spock_31, Spoonbill_31, Squid_49, Squiggle_49, Squint_47, StAnnes_30, Stagni_12, Stank_38, Stap_32, StarStuff_14, Stargaze_28, Stark_36, Stasia_11, SteMason_9, StellaBean_35, Stellammi_37, StepMih_12, StevieRay_27, Stink_10, Stinson_32, StolenFromERC_37, StormChicken_35, StressBall_27, Strobilo_29, Strokeseat_32, Struggle_48, Stuck_30, Suffolk_49, Sulley_31, Sultana_10, Sunflower1121_30, SuperGrey_32, SuperSonics_41, Superphikiman_48, Surely_49, SwainyDoc_47, Sweets_28, Swiphy_49, Swish_50, SynergyX_47, Syra333_31, TBond007_31, TBrady12_37, TChen_31, TCLif_32, TDanisky_31, TM4_30, TNguyen7_10, Tachez_31, Taheera_28, TaiwanKao_32, Taj_31, TallGrassMM_49, Taquarus_10, Taquito_32, Tarkin_37, Taurus_12, TeamEdward_35, TeardropMSU_34, Teaspoon_36, Techage_27, Teejan_27, TelAviv_64, Telesworld_48, Terminus_35, Terror_28, Texage_10, Thanksgivukkah_10, Thespis_27, ThetaBob_30, Thibault_42, Thimble_35, Thora_49, ThreeOh3D2_50, ThreeRngTarjay_47, Thresher_36, Thunderbird_48, Thyatira_30, Tierra_31, Tiffany_12, Tigress9_32, Timmi_48, TinaBug_28, TinaFeyge_10, TingHuaYa_31, TiniBug_31, TinyPebbles_12, TinyTerror_47, Tinybot_9, Tiri_31, TiroTheta9_10, Todacoro_11, TomBombadil_49, TomBrady_28, Tomaszewski_34, Tomathan_14, Tomlarah_49, Tonenili_274, Toni_48, TooFast2Furius_52, Tooj_49, TootsiePop_32, Tootsieroll_32, Topper_31, Toro_13, Toron_32, Torres_27, Totinger_32, Toto_35, Tourach_28, TpudiCK_39, Traaww1_33, Travvers_14, TreyKay_31, TriFive_28, Triad_49, TribbleTrouble_30, Trice_27, TroyPia_10, True_48, TruffulaTree_31, Trypo_50, Tuco_36, Tweety_31, Twitch_31, TyDawg_38, Tydolla_47, TygerBlood_10, Typha_32, TyrionL_48, Tyson_26, UAch1_49, UPIE_26, Ubuntu_33, Ukulele_35, Ulysses_9, UncleHowie_49, Underpass_28, Unicorn_31, Urkel_31, Usavi_49, VC3_14, VRedHorse_31, Vagabond_67, Vaishali24_48, Validus_31, Valjean_49, Vaticameos_45, Veliki_31, Velveteen_27, Venti_27, Veracruz_10, Veritas_48, Vetrix_28, Vidya_27, Violac_32, Virapocalypse_49, Virgeve_48, Vista_49, Vivaldi_50, ViviJ_29, Vivum_31, Vix_12, Vorrrps_67, Vortex_49, Vortrix_270, Wallhey_48,

Wamburgexpress_26, Wanda_55, Wander_10, Waterdiva_49, Waterfoul_30, Watson_12, Webster2_33, Wee_32, Weher20_49, Weirido19_29, Weiss13_39, Wendigo_28, Whatsapiecost_32, Whirlwind_29, Whouxphf_32, Wiggin_38, Wigglewiggle_28, Wilbur_10, Wildcat_52, Wilder_28, Wildflower_67, Willez_34, Windsor_48, Winget_68, Winky_28, Wintermute_32, Wishmaker_32, Wizard007_10, Wogge42_66, Wooldri_14, Wyatt2_26, Xandras_37, Xavia_27, Xavier_48, Xena_10, Xiaokay_44, Ximenita_32, Xula_25, Y10_32, Y2_32, Yahalom_47, YangYin_28, YasnayaPolyana_32, YassJohnny_36, Yeet_47, Yelo_39, Yinz_47, YoSam321_10, Yoshand_50, Yoshi_38, YouGoGlencoco_49, Youngblood_35, YoureAdopted_30, YoyoKar_65, Yuna_32, YungJamal_72, Yunkel11_31, Zabiza_31, Zaider_50, Zakai_28, Zakhe101_66, Zapner_38, Zarafa_10, Zaria_26, Zavala_31, Zebo_67, Zelda_49, Zelink_50, Zenon_40, Zenteno07_53, Zerg_31, Zetzy_11, ZhongYanYuan_27, Zilizebeth_27, ZoMa_28, ZoeJ_29, Zombie_28, Zonia_49, xkcd_36,

Summary by start number:

Start 71:

- Found in 6 of 2322 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Eish_31 (F1), Medindi_32 (F1),

Start 89:

- Found in 310 of 2322 (13.4%) of genes in pham
- Manual Annotations of this start: 280 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ABU_50 (B1), AbsoluteMadLad_48 (B1), Adriana_50 (B1), Aelin_48 (B1), Aleia_49 (B1), AltPhacts_49 (B1), Altwerkus_48 (B1), Anderson_49 (B1), Andre_50 (B1), AngelCake_49 (B1), Antonia_48 (B1), Aonishiki_50 (B1), Apizium_49 (B1), Ashraf_49 (B1), Badfish_50 (B1), Banjo_48 (B1), Basato_50 (B1), BatteryCK_48 (B1), Beaglebox_48 (B1), Bishoperium_48 (B1), BlackStallion_50 (B1), BlacksBerry_48 (B1), BlueHusk_49 (B1), Bluephacebaby_48 (B1), Boehler_49 (B1), BoogieWoogie_48 (B1), Brilliant_49 (B1), Buckeye_49 (B1), Burr_48 (B1), CamL_49 (B1), CampRoach_50 (B1), Cannibal_49 (B1), Carthage_47 (B1), Caspiboi_48 (B1), Chaelin_49 (B1), Chah_51 (B1), Charles1_49 (B1), CharlieGBrown_48 (B1), CheetO_49 (B1), Cher_48 (B1), Childish_48 (B1), Chipette_50 (B1), Chorkpop_49 (B1), Chuni_48 (B1), Chunky_49 (B1), Chute_48 (B1), Cobra_49 (B1), Colbert_49 (B1), Coletti_49 (B1), Cornbread_48 (B1), Cornobble_48 (B1), Cosmolli16_48 (B1), Craff_50 (B1), Crownjwl_49 (B1), DaddyDaniels_49 (B1), Daffy_49 (B1), Daka_50 (B1), Dati_49 (B1), DelRivs_48 (B1), Derpp_48 (B1), Dice_48 (B1), Dingo_49 (B1), Dione_48 (B1), DirtJuice_49 (B1), Doddsville_49 (B1), DoesntMatter_48 (B1), DolOn_52 (B1), DonSancho_48 (B1), DuchessDung_48 (B1), Duggie_48 (B1), Durga_50 (B1), ElvisPhasley_50 (B1), Emiris_50 (B1), EmpTee_49 (B1), Eremos_49 (B1), Etaye_49 (B1), Eugenia_49 (B1), Fang_50 (B1), Flake_51 (B1), FleetyMac_50 (B1), FluffyNinja_50 (B1), Fozzie_48 (B1), Frankicide_49 (B1), FremontTroll_49 (B1), Freya_48 (B1), FriarPreacher_48 (B1), Fringe_50 (B1), FugateOSU_48 (B1), Gareth_48 (B1), GeneCoco_49 (B1), Giraffe_49 (B1), Gophee_49 (B1), Grand2040_48 (B1), GreenChile_50 (B1), Gwennie1_49 (B1), Gwilliam_49 (B1), Gyarad_0049 (B1), HSavage_49 (B1), Haimas_49 (B1), Haleema_48 (B1), Hamish_49 (B1), Happabalu_49 (B1), Hartsy_49 (B1), Harvey_49 (B1), Held_49 (B1), HenryJackson_48 (B1), Hertubise_49 (B1), Hetaeria_49 (B1), HighStump_49 (B1), Hocus_48 (B1), HogWash_49 (B1),

Horchata_49 (B1), ImtiyazSitla_49 (B1), Inchworm_50 (B1), Inverness_49 (B1),
 Iridessa_49 (B1), Iridoclysis_49 (B1), IsaacEli_50 (B1), JDog_48 (B1), JacAttac_50
 (B1), JakeO_48 (B1), JangoPhett_49 (B1), Jesabah_49 (B1), Jillium_48 (B1),
 Jiminy_48 (B1), Jiraiya_48 (B1), KLUcky39_49 (B1), Kahve_48 (B1), Kailash_49 (B1),
 Karn_48 (B1), Katniss_50 (B1), Keitherie_49 (B1), Khan1_49 (B1), Kikipoo_50 (B1),
 Kimbrough_49 (B1), KingTut_40 (B1), KingVeVeVe_49 (B1), KlimbOn_49 (B1),
 Kloppinator_50 (B1), Kwadwo_48 (B1), Kwksand96_48 (B1), Labeouficaum_48 (B1),
 Larson_51 (B1), LasagnaCat_50 (B1), Lasso_49 (B1), LeeLot_49 (B1), Lego3393_48
 (B1), Legolas_49 (B1), Lehmann_49 (B1), LeiMonet_50 (B1), LemonSlice_49 (B1),
 Longacauda_48 (B1), Lopsy_48 (B1), LostAndPhound_48 (B1), LuckyMarjie_48 (B1),
 Lulumae_48 (B1), Lulwa_49 (B1), Lumine_48 (B1), MRabcd_48 (B1), Mag7_48 (B1),
 Magic8_49 (B1), Mana_48 (B1), Manad_49 (B1), Maru_48 (B1), Maskar_49 (B1),
 Matalotodo_49 (B1), Mcshane_48 (B1), Mecca_48 (B1), Megamind20_49 (B1),
 Megatron_50 (B1), Melc17_49 (B1), MelsMeow_49 (B1), Mesh1_49 (B1),
 Mesmereida_48 (B1), MichaelPhcott_48 (B1), Mikota_49 (B1), MiniBoss_49 (B1),
 MitKao_49 (B1), Morgushi_49 (B1), Morty_50 (B1), Mosaic_48 (B1), MrPhizzler_49
 (B1), Mulan_49 (B1), Murdoc_49 (B1), Mutante_48 (B1), Nacho_0050 (B1),
 Nathan_49 (B1), Newman_49 (B1), Nicole21_49 (B1), Numberten_49 (B1), Nyala_48
 (B1), OSmaximus_50 (B1), Olak_48 (B1), Oline_48 (B1), Olive_49 (B1),
 OliverWalter_49 (B1), Omniscient_49 (B1), Oosterbaan_49 (B1), Orfeu_48 (B1),
 Orion_50 (B1), Orwigg_48 (B1), PG1_50 (B1), Pacifista_48 (B1), PallasAthena_50
 (B1), Phamished_50 (B1), Phareon_49 (B1), PhatCats2014_50 (B1), PhatLouie_49
 (B1), Phenghiskhan_48 (B1), Pherdinand_50 (B1), Phergie_49 (B1), Phipps_49 (B1),
 Phleuron_48 (B1), PhrankReynolds_47 (B1), PhrodoBaggins_49 (B1), Phunky_49
 (B1), Piglet_0049 (B1), PinheadLarry_49 (B1), Pinkman_48 (B1), Pipsqueak_49 (B1),
 Placalicious_48 (B1), Plata_49 (B1), Plmatters_49 (B1), Podrick_49 (B1), Pops_49
 (B1), Potter_48 (B1), Prickles_49 (B1), ProfessorX_49 (B1), PuhItonio_49 (B1),
 QueenBeane_49 (B1), Quisquiliae_49 (B1), RedMaple_49 (B1), RedRaider89_51
 (B1), Ricotta_48 (B1), Riggan_49 (B1), Rimu_49 (B1), Riverton_48 (B1), Robyn_48
 (B1), Roliet_49 (B1), Roscoe_50 (B1), Roy17_49 (B1), SDcharge11_49 (B1),
 SallyH_50 (B1), Samaymay_49 (B1), SassyCat97_48 (B1), Schadenfreude_48 (B1),
 Schueller_48 (B1), Scoot17C_50 (B1), Scrick_49 (B1), Selr12_49 (B1),
 Serendipity_49 (B1), Serpentine_0049 (B1), ShadowBud_49 (B1), Sheila_49 (B1),
 ShiVal_49 (B1), Sigman_50 (B1), SilverBell_49 (B1), Simielle_48 (B1),
 SirBeauregard_49 (B1), Skippy_49 (B1), Slatt_49 (B1), Soile_49 (B1), Solosis_48
 (B1), Sophia_48 (B1), Soto_49 (B1), Spartan300_49 (B1), Squid_49 (B1),
 Squiggle_49 (B1), Struggle_48 (B1), Suffolk_49 (B1), Surely_49 (B1), Swiphy_49
 (B1), Swish_50 (B1), TallGrassMM_49 (B1), Telesworld_48 (B1), Thora_49 (B1),
 ThreeOh3D2_50 (B1), Thunderbird_48 (B1), Timmi_48 (B1), TomBombadil_49 (B1),
 Tomlarah_49 (B1), Toni_48 (B1), TooFast2Furius_52 (B1), Tooj_49 (B1), Triad_49
 (B1), True_48 (B1), Trypo_50 (B1), TyrionL_48 (B1), UAch1_49 (B1), UncleHowie_49
 (B1), Usavi_49 (B1), Vaishali24_48 (B1), Valjean_49 (B1), Vaticameos_45 (B1),
 Veritas_48 (B1), Virapocalypse_49 (B1), Virgeve_48 (B1), Vista_49 (B1), Vivaldi_50
 (B1), Vortex_49 (B1), Wallhey_48 (B1), Waterdiva_49 (B1), Weher20_49 (B1),
 Windsor_48 (B1), Xavier_48 (B1), Yoshand_50 (B1), YouGoGlencoco_49 (B1),
 Zaider_50 (B1), Zelda_49 (B1), Zonia_49 (B1),

Start 90:

- Found in 1 of 2322 (0.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: NovoPizza_29 (Q),

Start 96:

- Found in 107 of 2322 (4.6%) of genes in pham
- Manual Annotations of this start: 92 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AizenPogi_28 (G1), Amochick_33 (Q), Amymech_33 (Q), Angel_28 (G1), Annihilator_28 (G1), Antsirabe_28 (G5), Aroostook_28 (G1), AuntGwenStacy_32 (Y), Avrafan_28 (G1), AzulaCat_28 (G1), BPs_28 (G1), BQuat_28 (G1), Barkley26_28 (G1), BloominB_33 (Q), BruceB_28 (G1), CLED96_28 (G1), Camri_28 (G1), CassieYates_28 (G1), Cedasite_28 (G1), Chance64_28 (G1), Cherrybomb426_28 (G1), Coleslaw_28 (G1), Crespo_28 (G1), DMoney_28 (G1), DNAIII_0028 (G1), Daegal_34 (Q), Darionha_28 (G1), DeepSoil15_33 (Q), Dewey_32 (Q), DingDing_28 (G1), ECartman_28 (G1), Ein37_33 (Q), Evanesce_32 (Q), Faiyaz_32 (Y), Forge_32 (Q), Frosty24_28 (G1), Gancho_32 (Q), Gideon_28 (G1), Giles_32 (Q), GoldenAsh_28 (G1), Gomashi_28 (G1), Gravallia_32 (Q), Grizzly_28 (G1), HH92_32 (Q), Hadrien_33 (Q), Hail_32 (Q), Halo_28 (G1), Hilltopfarm_32 (Y), Hope_28 (G1), Hotshotbaby7_28 (G1), Jane_28 (G1), Jeilious_28 (G), Jolene_28 (G1), Jolie2_28 (G4), Jonghyun_28 (G1), JorRay_28 (G1), JustASigh_26 (AH), Kareem_28 (G1), Kasen3_28 (G1), Kinbote_33 (Q), Lemuria_29 (G4), Liefie_28 (G1), LilHazelNut_33 (Q), LouisV14_28 (G1), Luke_33 (Q), Luna22_32 (Q), Maliketh_28 (G1), Marmie_28 (G1), Mercurio_30 (G4), Mowgli_28 (G1), Neoh_28 (G), OBUpride_33 (Q), OctaviousRex_28 (G1), Olga_28 (G1), Paito_28 (G1), Peeb_28 (G1), Periodt_28 (G1), Phish_28 (G1), Phloodle_28 (G1), Phreak_28 (G1), PinkYoshi_28 (G1), Plagueis_28 (G1), Rabbs_28 (G1), Rattrick_28 (G1), Remy19_28 (G1), Renaissance_28 (G1), Richarlison_28 (G1), Ruriko_28 (G1), Schiebel_28 (G1), ShaboiShabazz_28 (G1), Sizemore_28 (G1), Sneeze_28 (G1), Stargaze_28 (G5), Sweets_28 (G1), Taheera_28 (G1), Terror_28 (G1), TinaBug_28 (G1), TomBrady_28 (G1), Typha_32 (Y), Ubuntu_33 (Q), Webster2_33 (Q), Weirdo19_29 (AH), Wendigo_28 (G1), Wishmaker_32 (Q), YangYin_28 (G5), ZoMa_28 (G1), Zombie_28 (G1),

Start 99:

- Found in 2 of 2322 (0.1%) of genes in pham
- Manual Annotations of this start: 2 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aegeus_29 (L5), Baudelaire_29 (L5),

Start 103:

- Found in 13 of 2322 (0.6%) of genes in pham
- Manual Annotations of this start: 9 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ariel_48 (J), Bobby_48 (J), Courthouse_48 (J), Gonephishing_50 (J), Hidrated_49 (J), Lucky2013_48 (J), Marleymoo_50 (J), MiaZeal_48 (J), Porcelain_47 (J), Rearden_43 (J), Squint_47 (J), Superphikiman_48 (J), Thibault_42 (J),

Start 105:

- Found in 321 of 2322 (13.8%) of genes in pham
- Manual Annotations of this start: 11 of 2027
- Called 3.4% of time when present
- Phage (with cluster) where this start called: BoostSeason_30 (K2), DismalFunk_29 (K2), DismalStressor_29 (K2), Doughnut_30 (K2), Findley_29 (K2), Marcoliusprime_29 (K2), Milly_29 (K2), Mufasa_30 (K2), Strobilo_29 (K2), TM4_30 (K2), ZoeJ_29 (K2),

Start 106:

- Found in 3 of 2322 (0.1%) of genes in pham
- Manual Annotations of this start: 2 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Babsiella_27 (I1), HC_28 (I1), Stuck_30 (I2),

Start 107:

- Found in 1 of 2322 (0.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Stellammi_37 (UNK),

Start 108:

- Found in 1 of 2322 (0.0%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Kumao_39 (singleton),

Start 109:

- Found in 3 of 2322 (0.1%) of genes in pham
- Manual Annotations of this start: 3 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: IdentityCrisis_26 (AJ), Mao1_38 (AD), Sbash_26 (I2),

Start 110:

- Found in 60 of 2322 (2.6%) of genes in pham
- Manual Annotations of this start: 51 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arib1_27 (P1), Atcoo_27 (P1), Bartholomew_26 (P1), Bhagsy_27 (P1), Bluvara_28 (UNK), Bogie_29 (P1), BronnyJr_27 (P1), Brujita_30 (I1), Brusacoram_27 (P1), Bunnies_27 (P1), Butters_27 (N), CactusJack_27 (P1), Camster_27 (P1), Chubbello_27 (none), Donovan_27 (P1), Dynamo_27 (P1), Etoile_27 (P1), FirstPlacePfu_27 (P1), Fishburne_27 (P1), GaloreK_27 (P1), Gavriela_27 (P1), Glaske_27 (P1), GreaseLightnin_27 (P1), HUHilltop_27 (P1), Impisi_27 (N), Island3_30 (I1), Jebeks_27 (P1), Jung_26 (P1), Juniormint_27 (P1), Kari_27 (P1), Kevin1_27 (N), KilKor_27 (P1), Ksquared_27 (P1), Langerak_27 (P1), Majeke_27 (P1), Malithi_27 (P1), Mangethe_27 (P1), Megiddo_27 (P1), Necropolis_27 (P1), PaintedDog_30 (I1), PeanutPie_27 (P1), Phalm_27 (P1), Phegasus_27 (P1), Phineas_27 (P1), Phrann_26 (N), Polkaroo_27 (P1), Pygmy_29 (P1), QueenHazel_26 (I1), Rubeelu_27 (N), Shipwreck_29 (P1), Sonah_27 (P1), StevieRay_27 (P1), StressBall_27 (P1), Techage_27 (P1), Thespi_27 (P1), Venti_27 (P1), Vidya_27 (P1), Xavia_27 (P3), Xula_25 (I1), Zilizebeth_27 (P1),

Start 111:

- Found in 25 of 2322 (1.1%) of genes in pham
- Manual Annotations of this start: 20 of 2027
- Called 96.0% of time when present
- Phage (with cluster) where this start called: Acolyte_11 (A2), Bellis_28 (L3), BourbonZero_27 (L3), Clautastrophe_28 (L3), DuncansLeg_28 (L3), Ellson_28 (L3), Finny_28 (L3), Jobypre_28 (L3), Jubie_28 (L3), Kingsolomon_28 (L3),

KirDoubleO7_26 (L3), Krypton555_28 (L3), LiyuLake_28 (L3), Lolly9_28 (L3), Lumos_28 (L3), MiniLon_28 (L3), MiniMac_28 (L3), Moostard_28 (L3), MsGreen_28 (L3), Nicholas_28 (L3), Samty_28 (L3), Snenia_28 (L3), TriFive_28 (L3), Whirlwind_29 (L3),

Start 112:

- Found in 33 of 2322 (1.4%) of genes in pham
- Manual Annotations of this start: 24 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Baoshan_27 (L2), BigCheese_28 (L2), BobsGarage_28 (L2), Breezona_28 (L2), Claus_28 (L2), Crossroads_28 (L2), DHan_28 (L2), DanBing_27 (L2), DrSeegs_28 (L2), Faith1_28 (L2), Gardann_28 (L2), GuuelaD_28 (L2), Hafay_28 (L2), Itos_28 (L2), Kahlid_28 (L2), Lewan_28 (L2), LilDestine_28 (L2), Loadrie_28 (L2), Lynnae_28 (L2), Miley16_28 (L2), MkaliMitinis3_28 (L2), Netyap_28 (L2), Nicholasp3_28 (L2), OverPar_29 (L2), Sarshaun_28 (L2), Soap141_28 (L2), Tourach_28 (L2), Underpass_28 (L2), Vetrix_28 (L2), Wigglewiggle_28 (L2), Wilder_28 (L2), Winky_28 (L2), ZhongYanYuan_27 (L2),

Start 129:

- Found in 3 of 2322 (0.1%) of genes in pham
- Manual Annotations of this start: 3 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Barnyard_40 (H2), DrLupo_42 (H2), NoShow_27 (AB),

Start 134:

- Found in 121 of 2322 (5.2%) of genes in pham
- No Manual Annotations of this start.
- Called 0.8% of time when present
- Phage (with cluster) where this start called: Red305_28 (L3),

Start 147:

- Found in 1 of 2322 (0.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LordVader_27 (F),

Start 151:

- Found in 80 of 2322 (3.4%) of genes in pham
- Manual Annotations of this start: 50 of 2027
- Called 70.0% of time when present
- Phage (with cluster) where this start called: Abinghost_47 (B3), Akoma_47 (B3), Athena_48 (B3), Audrey_47 (B3), Baloo_47 (B3), Ben11_46 (B3), Bernardo_48 (B3), Briakila_48 (B3), Casbah_46 (B3), ChaChing_47 (B3), Chalmers_47 (B3), Chandler_47 (B3), Chentzyk_47 (B3), Compostia_48 (B3), Corofin_47 (B3), Daisy_47 (B3), Deenasa_47 (B3), Devonte_47 (B3), Gadjet_48 (B3), Gervas_47 (B3), GlenHope_48 (B3), Glubnar_48 (B3), Halfpint_46 (B3), HarveySr_47 (B3), Heathcliff_47 (B3), Jackstina_44 (B3), Kamiyu_47 (B3), Kronus_46 (B3), LestyG_47 (B3), Marley1013_47 (B3), Marlia_47 (B3), MmasiCarm_47 (B3), Mortcellus_46 (B3), Morty007_47 (B3), Mulaychimus_47 (B3), Neos5_47 (B3), Nozo_47 (B3), Obutu_47 (B3), Olivio_46 (B3), OrangeOswald_47 (B3), Phaedruss_45 (B3), Phayeta_48 (B3), Philly_46 (B3), Phlyer_47 (B3), Pipefish_49 (B3), RagingRooster_47 (B3),

Rita1961_47 (B3), RomaT_47 (B3), Shenandoah_47 (B3), SlippinJimmy_47 (B3), SwainyDoc_47 (B3), SynergyX_47 (B3), TinyTerror_47 (B3), Tydolla_47 (B3), Yahalom_47 (B3), Yinz_47 (B3),

Start 152:

- Found in 7 of 2322 (0.3%) of genes in pham
- No Manual Annotations of this start.
- Called 14.3% of time when present
- Phage (with cluster) where this start called: SilverChicken_38 (F2),

Start 158:

- Found in 281 of 2322 (12.1%) of genes in pham
- Manual Annotations of this start: 220 of 2027
- Called 94.0% of time when present
- Phage (with cluster) where this start called: Ablatia_252 (C1), Ading_255 (C1), Adlitam_252 (C1), Akhila_25 (F1), Alice_238 (C1), Amataga_253 (C1), ArcherS7_253 (C1), Ardmore_30 (F1), Asterius_253 (C1), Astraea_248 (C1), Atlantean_252 (C1), Audrick_255 (C1), Ava3_249 (C1), Babyland_255 (C1), BackyardAgain_247 (C1), BadAgartude_246 (C1), BananaFence_250 (C1), Bangla1971_253 (C1), Basquiat_250 (C1), Batiatus_31 (F1), BeanWater_245 (C1), Belieber_246 (C1), Bezza_240 (C1), BigCity_260 (C1), BigPhil_27 (F1), Bigswole_257 (C1), Bipolarisk_250 (C1), Blackbrain_251 (C1), Blackdragon_247 (C1), Blubba_239 (C1), BobaPhatt_245 (C1), Bobi_33 (F1), Bonray_255 (C1), Bowman_251 (C1), Bread_249 (C1), Breeniome_252 (C1), Brookers_29 (F1), Brushbloom_32 (F1), Burrough_253 (C1), Bxz1_238 (C1), Cactojaque_247 (C1), Cali_242 (C1), Candle_39 (R), Cane17_241 (C1), Capablanca_257 (C1), Caravan_242 (C1), Catera_241 (C1), Cerasum_27 (F1), Chargie21_250 (C1), CharlieB_247 (C1), ChaylaJr_251 (C1), ChickenPhender_248 (C1), Chomp_251 (C1), CindyLou_253 (C1), Cleatunium_246 (C1), Coco12_31 (F1), Colt_242 (C1), Concombre_258 (C1), Cornucopia_32 (F1), DLane_31 (F1), DTDevon_253 (C1), Daffodil_258 (C1), Dandelion_258 (C1), Darko_252 (C1), DeadP_31 (F1), DeejaClivia_239 (C1), DeerParkTS_12 (A2), Delilah_250 (C1), Delylah_254 (C1), Demikore_42 (U), Demodog_260 (C1), Derek_248 (C1), Dessert_249 (C1), Dietrick_241 (C1), DirtMonster_241 (C1), Domi_246 (C1), Doomslug_34 (F), DrPhinkDaddy_249 (C1), Drazdys_249 (C1), Duckfeet_246 (C1), ET08_238 (C1), EggyFarm_260 (C1), EmToTheThree_253 (C1), EmmaElysia_257 (C1), Emma_33 (F1), Erdmann_254 (C1), ErnieJ_246 (C1), Essence_250 (C1), Ewok_251 (C1), Filuzino_31 (F1), Fixie_253 (C1), Flabslab_247 (C1), Fludd_252 (C1), Fongie_252 (C1), FoxtrotP1_251 (C1), FrayBell_255 (C1), Fruitloop_30 (F1), FudgeTart_248 (C1), Gabriel_255 (C1), Gamgam_254 (C1), Ghost_252 (C1), Gizmo_258 (C1), GlutenPhree_253 (C1), Grasshills_259 (C1), Grungle_234 (C1), Guwapp_248 (C1), Halldule_244 (C1), HyRo_237 (C1), I3_262 (C1), IkeLoa_246 (C1), InigoMontoya_256 (C1), InterFolia_254 (C1), Iota_249 (C1), Issimir_246 (C1), JPickles_250 (C1), JalFarm20_34 (F1), Janiyr_256 (C1), JayJay_252 (C1), Jaygup_249 (C1), Jedediah_254 (C1), Jemmno_252 (C1), Jessibeth14_252 (C1), Jezreel_249 (C1), JigglyPuff_258 (C1), JulietS_241 (C1), JustHall_246 (C1), Kamryn_251 (C1), Kboogie_256 (C1), Kenuha5_28 (F1), Khaleesi_251 (C1), Koguma_251 (C1), KristaRAM_32 (F1), LRRHood_244 (C1), Labelle_41 (U), Labradorite_249 (C1), Latch_252 (C1), Latretium_32 (F1), Lee7_253 (C1), Lethe_250 (C1), LifeSavor_253 (C1), LinStu_249 (C1), Littleton_256 (C1), Loanshark_249 (C1), LolaVinca_248 (C1), LookingGlass_250 (C1), LordLeafolot_253 (C1), Lukilu_241 (C1), Lunareta_249 (C1), Maby2021_253 (C1), Madruga_40 (U), Mangeria_252 (C1), Matsumoto_250 (C1), Maturis_246 (C1), McGee_254 (C1), McWolfish_249 (C1), Megamind_249 (C1), Melissauren88_31 (F1), Melpomini_247

(C1), MikeLiesIn_253 (C1), Mikro_246 (C1), MilanaBonita_25 (F1), MilleniumForce_32 (F1), MoMoMixon_248 (C1), Moby_249 (C1), Moiqah_248 (C1), Momo_254 (C1), Montpel_249 (C1), MontyDev_39 (R), Morizzled23_250 (C1), Mova_32 (F1), Ms6_25 (F1), Naija_253 (C1), Napoleon13_249 (C1), Nappy_251 (C1), Naval22_257 (C1), NedWong_251 (C1), Ngannou_247 (C1), Nidhogg_253 (C1), Nilo_40 (R), NoodleTree_248 (C1), Norm_252 (C1), NuevoMundo_254 (C1), OrediggerDelux_249 (C1), Owlst2W_32 (F1), Papyrus_39 (R), ParkTD_251 (C1), Patience_42 (U), Patter_254 (C1), Phanphagia_28 (F1), PharkleMinkus_256 (C1), Phlegm_257 (C1), Phox_253 (C1), Phusco_251 (C1), Pier_251 (C1), Pio_259 (C1), Pivoine_253 (C1), Pleione_256 (C1), Primadonna_248 (C1), Pupusa_255 (C1), PurduePete_253 (C1), QBert_244 (C1), Quasimodo_255 (C1), Rabinovich_245 (C1), Rahel_254 (C1), Riparian_39 (R), Rizal_241 (C1), RoMag_247 (C1), Rocha_248 (C1), Ronan_248 (C1), Roots515_255 (C1), Rope_39 (R), SVoro_247 (C1), Salacia_254 (C1), Sarma624_27 (F1), Sauce_249 (C1), ScottMcG_244 (C1), Sebata_252 (C1), Send513_39 (R), Shaqnato_243 (C1), Shauna1_28 (F1), Shelob_253 (C1), ShiaLabeouf_250 (C1), Shifa_228 (C1), Shnickers_251 (C1), Shrimp_255 (C1), ShroomBoi_28 (F1), SilverDipper_257 (C1), SmallFry_253 (C1), Spec_246 (C1), Specks_257 (C1), Sprinklers_250 (C1), Spud_244 (C1), SrishMeg2525_250 (C1), StephanieG_246 (C1), StubbySaigey_259 (C1), Stubby_235 (C1), Substance289_248 (C1), SuperSonics_41 (U), Tainan_252 (C1), Taj_31 (F1), Teardrop_251 (C1), TinyTim_251 (C1), Tonenili_274 (C1), Tortoise16_250 (C1), Trinitium_249 (C1), Turret_243 (C1), Tyke_249 (C1), VRedHorse_31 (F1), ValleyTerrace_253 (C1), Velveteen_27 (F1), Vortrix_270 (C1), Wally_250 (C1), Wee_32 (F1), Weiss13_39 (R), Willis_253 (C1), Yassified_248 (C1), Yelo_39 (R), YemiJoy2021_253 (C1), YoungMoneyMata_252 (C1), Yucca_253 (C1), Zalkecks_251 (C1), Zeenon_253 (C1), Zenon_40 (R), ZygoTaiga_249 (C1),

Start 160:

- Found in 34 of 2322 (1.5%) of genes in pham
- Manual Annotations of this start: 30 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alkhayr_67 (O), Ashwin_69 (O), Blessica_68 (O), Bora_65 (O), Catdawg_67 (O), Corndog_70 (O), Dylan_67 (O), Familton_68 (O), Firecracker_69 (O), FoulBall_67 (O), Idergollasper_67 (O), Imara_65 (O), JangDynasty_67 (O), KingPhillip3_66 (O), Krili_66 (O), MadKillah_68 (O), Mori_67 (O), Murai_68 (O), NiebruSaylor_66 (O), Ryadel_71 (O), SchoolBus_67 (O), Schuy_68 (O), Shida_67 (O), Smooch_70 (O), TelAviv_64 (O), Vagabond_67 (O), Vorrrps_67 (O), Wildflower_67 (O), Winget_68 (O), Wogge42_66 (O), YoyoKar_65 (O), YungJamal_72 (O), Zakhe101_66 (O), Zebo_67 (O),

Start 164:

- Found in 252 of 2322 (10.9%) of genes in pham
- Manual Annotations of this start: 214 of 2027
- Called 94.0% of time when present
- Phage (with cluster) where this start called: Alexphander_34 (F1), Aloeri_33 (F1), AlpineSix_32 (F1), Aminay_31 (K7), ArcusAngelus_31 (F1), Aubs_32 (F1), Avani_36 (F2), Awesomesauce_32 (F1), Azrael100_51 (V), Beakin_32 (F1), Beanstalk_35 (F1), Bipolar_28 (F1), Blarby_39 (F), Blexus_31 (F1), BlueCrab_31 (F1), BobaPhett_31 (F1), BodEinwohner17_31 (F1), Boomer_33 (F1), Brocalys_26 (F1), Bubbles123_33 (F1), Burwell21_31 (F1), BuzzLyseyear_34 (F1), Byougenkin_31 (F1), Cabrinians_31 (F1), CaptainTrips_32 (F1), Che8_33 (F1), Che9d_36 (F2), Cheesepuff_34 (F1), Chevrolet_32 (F1), ChickenDinner_33 (F1), Chuckly_31 (F1), Clank_29 (F), Clifton_25 (F1), Corium_31 (F1), Cornie_31 (F5), Cosmo_52 (V), Crumble_25 (F1),

DRBy19_31 (F1), DaWorst_33 (F1), DaddyRickover_31 (F1), Daenerys_31 (F1),
 Dante_31 (F1), Deb65_31 (F1), Demsculpinboyz_36 (F2), DillTech15_31 (F1),
 DirtMcGirt_32 (F1), DoRead_32 (F1), DocMcStuffins_33 (F1), Donkeykong_31 (F1),
 Doomphist_31 (F1), Dorothy_31 (F1), DosHalletts_33 (F1), DotProduct_31 (F1),
 Doug_32 (F1), Drago_32 (F1), EleanorGeorge_32 (F1), EmiMonkey_32 (F1),
 Emmaloid_33 (F1), Empress_32 (F1), Enby_33 (F1), EniyanLRS_49 (V),
 Enzomatic_35 (F1), Eradicator_31 (F1), Estave1_29 (F1), Fancypants_31 (F1),
 Fastidio_33 (F1), Firehouse51_32 (F1), Flathead_31 (F1), Florinda_31 (F1),
 Frankie_35 (F1), FreddyB_31 (F1), GUmbie_31 (F1), Galactic_33 (F1), Gandolph_32
 (F1), Geralt_31 (F1), GigiOuiOui_31 (F1), Girafales_32 (F1), Girr_33 (F1), Gorge_31
 (F1), Grimmer_33 (F1), Guppsters_33 (F1), Hades_32 (F1), Harley_31 (F1),
 Hegedechwinu_32 (F1), Hlubikazi_32 (F1), IMpilo_30 (F1), Ibhubesi_31 (F1),
 Inventum_31 (F1), IrishSherpFalk_33 (F1), Jabbawokkie_39 (F2), James_31 (F1),
 Jant_32 (F1), Jacob_31 (F1), Jennelsea_25 (F1), Jinglebell_30 (F1), Job42_35 (F1),
 JoeyJr_31 (F1), Juice456_32 (F1), Juniper1_31 (F1), Karhdo_31 (F1), Kersh_30 (F1),
 KingJulian_31 (F1), KingMidas_33 (F1), Kingsley_30 (F1), Koella_25 (F1),
 Krakatau_32 (F1), LastJedi_25 (F1), Leozinho_33 (F1), Leperchaun_31 (F1),
 LilMoolah_31 (F1), LilSpotty_32 (singleton), LittleShirley_34 (F1), Lizziana_31 (F1),
 Llama_31 (F1), Llij_31 (F1), Lorde_33 (F1), Lucia_32 (F1), LunaBlu_34 (F1),
 LunaStella_33 (F4), MadMen_29 (F1), Madiba_29 (F1), Mahavrat_31 (F1),
 Mandlovu_32 (F1), Mantra_31 (F1), Maravista_31 (F1), Marker_32 (F1), Martik_31
 (F1), MaryV_52 (V), Mattes_31 (F1), MinionDave_34 (F1), Minnie_33 (F1),
 Misha28_32 (F1), MisterCuddles_33 (F1), Modragons_31 (F1), MooMoo_29
 (singleton), Moonbeam_32 (F1), Mozy_33 (F1), MulchExplorer_34 (F1),
 MulchSalad_30 (F7), Mutaforma13_31 (F1), Mwanjiwa_31 (F1), Nebkiss_35 (X),
 NewHope4_35 (F1), Nimbo_31 (F1), Nitzel_32 (F1), Nivrat_31 (F1),
 NormanBulbieJr_31 (F1), Ochi17_29 (F1), OfUltron_31 (F1), Ogopogo_31 (F1),
 Oksu_32 (F1), OldBen_31 (F1), OlympiaSaint_31 (F1), Ovechkin_32 (F1),
 PHappiness_31 (F1), PMC_31 (F1), Pacc40_31 (F1), PatoPoderoso_31 (F1),
 Peridot_36 (F1), Phalconet_31 (F1), Phasih_32 (F1), Phatniss_32 (F1),
 PhesterPhotato_31 (F1), Philus_31 (F1), PhilipPhlop_32 (F1), Piper2020_33 (F1),
 Pippy_25 (F1), Plumbus_33 (F1), Poenanya_31 (F1), Polka14_32 (F1), Pollywog_31
 (F1), Polo2Bam_35 (F1), PopTart_31 (F1), Priscilla_31 (F1), QuickMath_32 (F1),
 Quico_32 (F1), Radiance_31 (F1), Ramsey_34 (F1), RedBird_31 (F1), Renaud18_31
 (F4), Rialto_35 (F1), RitaG_32 (F1), Rita_32 (F1), Rockne_31 (F1), RockyHorror_32
 (F1), Royals2015_31 (F1), Ruby_33 (F1), SG4_32 (F1), Saal_31 (F1), Sabbb_32
 (F1), Sandalphon_32 (F1), Sassafras_32 (F1), SassyB_31 (F1), Scottish_32 (F1),
 Seabastian_31 (F1), Seagreen_32 (F1), ShiLan_31 (F1), ShowerHandel_31 (F1),
 SiSi_31 (F1), SimranZ1_34 (F1), Slim_33 (F1), Soul22_36 (F2), Sparkdehlily_31 (F1),
 Spartacus_33 (F1), Spikelee_33 (F1), Spoonbill_31 (F1), StAnnes_30 (F1), Stap_32
 (F1), Starcevich_35 (F1), Strokeseat_32 (F1), SuperGrey_32 (F1), SwagPiggett_31
 (F1), TChen_31 (F4), TDanisky_31 (F1), Tchotchke_31 (F1), ThetaBob_30 (F4),
 TootsiePop_32 (F1), Tootsieroll_32 (F1), Topiatin_34 (F1), Toron_32 (F6),
 Totinger_32 (F1), Tweety_31 (F1), UncleRicky_34 (F1), Veteran_31 (F1), Violac_32
 (F1), Vivum_31 (F1), Wachhund_31 (F1), Whatsapiecost_32 (F1), Whouxphf_32 (F1),
 Wildcat_52 (V), WillSterrel_33 (F1), XFactor_31 (F1), Yorick_31 (F1), Yoshi_38 (F2),
 Zapner_38 (F2), Zerg_31 (F1), Zizzle_31 (F1),

Start 166:

- Found in 104 of 2322 (4.5%) of genes in pham
- Manual Annotations of this start: 96 of 2027
- Called 100.0% of time when present

- Phage (with cluster) where this start called: ACFishhook_12 (A3), Aglet_12 (A3), AgronaGT15_12 (A3), Anubis_14 (A3), AugsMagnumOpus_14 (A3), Beauxregard13_12 (A3), Bigflo_12 (A3), BreSam8_12 (A3), BuzzBuzz_11 (A3), Bxz2_12 (A3), Calvinny_13 (A3), Caviar_11 (A3), ClownCar_13 (A3), Colbster_12 (A3), Croquant_13 (A3), Cullens_12 (A3), DaHudson_12 (A3), Dieselweasel_12 (A3), EpicPhail_12 (A3), EtoileNova_11 (A3), Farber_12 (A3), Fernando_12 (A3), Gemma_12 (A3), GingkoMaracino_12 (A3), Grif_12 (A3), Groupthink_13 (A3), Grub_12 (A3), Grum1_12 (A3), GtownJaz_12 (A3), Gwennie_11 (A3), HashRod_13 (A3), HaveUMetTed_13 (A3), Heliosoles_12 (A3), Hercules11_12 (A3), Hookmount_11 (A3), JHC117_12 (A3), JenCasNa_12 (A3), JeppNRM_13 (A3), Jobu08_12 (A3), KADY_13 (A3), Kalb97_13 (A3), Kalnoky_13 (A3), LBerry_12 (A3), Lambert1_11 (A3), LarryKay_12 (A3), Lilith_12 (A3), Louie6_12 (A3), Iowa_12 (A3), LugYA_14 (A3), MadMarie_12 (A3), Mainiac_12 (A3), Malinsilva_14 (A3), Manu_13 (A3), MarQuardt_12 (A3), Margo_11 (A3), Marie_12 (A3), Marius_13 (A3), Methuselah_12 (A3), Microwolf_12 (A3), Misomonster_14 (A3), MoneyMay_12 (A3), Montavir_11 (A3), MuchMore_14 (A3), Noella_11 (A3), Norbert_10 (A3), OlanP_12 (A3), Ollie_12 (A3), P28Green_12 (A3), PGHhamlin_14 (A3), Panamaxus_11 (A3), Pawn_12 (A3), Pembroke_12 (A3), Penny1_12 (A3), PhishRPhriends_11 (A3), Phoebe_12 (A3), Phoxy_12 (A3), Phranny_13 (A3), Pocahontas_11 (A3), Popcicle_11 (A3), PotatoSplit_13 (A3), PurpleHaze_12 (A3), QuinnKiro_10 (A3), Reba_13 (A3), ResDef_11 (A3), Rummer_12 (A3), Sabia_12 (A3), Sabinator_12 (A3), Snickers_12 (A3), SoYo_12 (A3), SoilDragon_12 (A3), Soshari_14 (A3), Spike509_12 (A3), Stagni_12 (A3), StepMih_12 (A3), Taurus_12 (A3), Texage_10 (A3), Tiffany_12 (A3), TinyPebbles_12 (A3), Todacoro_11 (A3), Veracruz_10 (A3), Vix_12 (A3), Watson_12 (A3), Wooldri_14 (A3), Zetzy_11 (A3),

Start 169:

- Found in 40 of 2322 (1.7%) of genes in pham
- Manual Annotations of this start: 29 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Acquire49_26 (L1), Appletree2_26 (L1), Archie_28 (L2), AvadaKedavra_26 (L1), Bazzle_28 (L2), BrainDrainer_27 (L4), Bromden_28 (L4), Calm_26 (L1), Chaser_26 (L4), ChutneyChips_26 (L4), CicholasNage_26 (L1), DirkDirk_26 (L1), Douge_26 (L4), Douzhi_26 (L4), DyoEdafos_27 (L4), Enceladus_26 (L1), FarmResident_26 (L4), Finemlucis_28 (L2), Gabriela_28 (L2), Halena_26 (L1), JoeDirt_26 (L1), Kropertea_26 (L4), LeBron_26 (L1), MAckerman_26 (L1), OhShagHennessey_26 (L1), PYPDinur_26 (L4), Poochiewood_26 (L1), Quby_26 (L4), Rose5_26 (L1), Rossetti_28 (L2), Rumpelstiltskin_28 (L2), Sheng711_26 (L4), Silverleaf_26 (L1), SoJulia_29 (L2), Tyson_26 (L1), UPIE_26 (L1), Wamburgrxpress_26 (L1), Wyatt2_26 (L1), Zakai_28 (L2), Zaria_26 (L1),

Start 171:

- Found in 1 of 2322 (0.0%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Imvubu_41 (B10),

Start 174:

- Found in 4 of 2322 (0.2%) of genes in pham
- Manual Annotations of this start: 4 of 2027
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Funsized_52 (B9), Knocker_50 (B9), Rinkes_49 (B9), Zenteno07_53 (B13),

Start 175:

- Found in 683 of 2322 (29.4%) of genes in pham
- Manual Annotations of this start: 331 of 2027
- Called 54.9% of time when present
- Phage (with cluster) where this start called: 20ES_11 (A2), 39HC_042 (B6), 40AC_14 (A17), 40BC_042 (B6), A6_08 (A1), AFIS_10 (A1), AN3_11 (A2), AbbyPaige_13 (A2), AbbysRanger_10 (A4), AbbysShoes_11 (A1), Abrogate_110 (A1), Acme_11 (A1), Adahisdi_11 (A1), Aeneas_12 (A1), Agalliana_10 (A1), Agape74_13 (A2), Ajay_10 (A1), Aldrich_11 (A1), Alsfro_14 (A1), Altman_11 (A1), Alvin_11 (A1), Anglerfish_10 (A1), AnnaL29_14 (A2), Anselm_11 (A2), Applejack_10 (A1), Arcanine_10 (A1), ArcherNM_13 (A2), Arlo_9 (A1), Ashballer_8 (A1), Atkinbua_10 (A1), BK1_08 (A1), BPBiebs31_11 (A1), BabyBack_13 (A2), Backyardigan_10 (A4), BaconJack_12 (A1), Bactobuster_12 (A2), Baehexic_12 (A2), Barriga_10 (A1), BarrowTuph_9 (A1), Beatrix_9 (A1), BeesKnees_10 (A1), BengiVuitton_12 (A2), Benvolio_11 (A2), Bethlehem_10 (A1), Bexan_9 (A1), BiancaTri92_13 (A2), Big3_10 (A1), BigMau_11 (A1), BigPaolini_11 (A1), Bigchungi_10 (A1), Bigfoot_9 (A1), BillKnuckles_11 (A1), Bircsak_10 (A1), Blackflame_10 (A1), Blessor_10 (A1), BluSpix_10 (A1), Blue_10 (A1), Bob3_9 (A1), BobSwaget_14 (A2), Bones_10 (A1), Briton15_11 (A1), Bruns_8 (A1), Bugsy_13 (A2), Bumblebee11_10 (A4), Burton_10 (A1), Buttons_11 (A1), Bxb1_9 (A1), CRB1_11 (A2), CactusRose_9 (A1), Carlyle_12 (A1), CatBus_11 (A1), Centaur_13 (A2), Chanagan_9 (A1), Changeling_14 (A2), ChipMunk_13 (A2), Chupacabra_10 (A10), Ciao_10 (A1), Colin_15 (A2), ConceptII_10 (A1), Corvo_10 (A1), Crispicous1_9 (A1), Crucio_11 (A2), DD5_11 (A1), Daishi_11 (A3), Dalmatian_11 (A2), Datway_10 (A4), Deloris_12 (A2), Dexes_11 (A1), Dignity_13 (A2), DirtDevil_11 (A1), DontArgue_9 (A10), Doom_10 (A1), DrFeelGood_9 (A1), Drake55_13 (A2), Drake94_9 (A10), DreamCatcher_11 (A1), Dreamboat_11 (A1), DroogsArmy_11 (A7), DudeLittle_11 (A2), Dulcie_9 (A1), Dussy_11 (A1), DustyMartin_13 (A10), Dynamix_10 (A1), EZMoney23_15 (A2), Eaglepride_11 (A10), EasyJones_253 (C1), Echild_11 (A2), Edison31_10 (A10), Edtherson_11 (A1), EnzoK_11 (A1), Equemioh13_13 (A2), Espresso_10 (A1), Euphoria_10 (A1), Eyeball_10 (A1), Fajezeel_11 (A1), Fameo_11 (A2), Fascinus_9 (A1), Fenn_10 (A1), FiringLine_11 (A2), First_0011 (A2), Flare16_11 (A2), ForDig_42 (B6), Forsytheast_9 (A1), Francis47_10 (A1), Fushigi_10 (A1), GMonster_9 (A1), GageAP_11 (A1), Gandalf20_11 (A1), GaugeLDP_13 (A2), Georgie2_12 (A2), Gompeii16_10 (A1), Goose_10 (A10), Graduation_12 (A1), Gratitude_12 (A2), GrecoEtereo_11 (A1), Greg_11 (A1), GroundGoblin_11 (A1), Gwendoluna_11 (A1), Gyzlar_11 (A1), HINdeR_10 (A7), Hami1_11 (A1), HanShotFirst_10 (A1), HarryHoudini_13 (A2), HarryOW_11 (A1), Heffalump_13 (A2), Hermia_12 (A1), HermioneGrange_11 (A1), HippoHollow_12 (A2), Homines_10 (A1), Hope4ever_10 (A1), Hosp_040 (B6), ILeeKay_12 (A1), Ichabod_10 (A1), IgnatiusPatJac_9 (A1), Inyanga_9 (A1), Iqorha_9 (A1), IronMan_13 (A2), Iwokeuplieddis_11 (A2), Izajani_248 (C1), JC27_12 (A1), Jaan_14 (A2), JackSparrow_10 (A1), Jasper_11 (A1), Jerm2_10 (A1), Jerm_13 (A2), Jolie1_042 (B6), Jorgensen_10 (A1), JoshKayV_13 (A2), JuliaChild_12 (A1), KBG_11 (A1), KSSJEB_9 (A1), Kalpine_14 (A2), Kanely_11 (A1), Katalie136_10 (A4), KayaCho_42 (B6), Kenmech_12 (A1), KikiBouba_11 (A1), Killigrew_8 (A1), KingCyrus_13 (A2), Kinmap_10 (A21), KittenMittens_9 (A10), Kristoff_11 (A10), Kugel_11 (A1), KyMonks1A_12 (A1), Kykar_8 (A1), LadyBird_11 (A2), Lamina13_10 (A1), Landor_12 (A2), Larenn_12 (A2), Leogania_13 (A2), Lesedi_9 (A1), Levia_9 (A1), Leviathan_13 (A2), LilBib_11 (A1), LilMcDreamy_46 (B12), LiTurb_13 (A2), LionsBait_12 (A2), LittleGuy_10 (A4),

Lockley_10 (A1), Lökk_14 (A2), Lopton_11 (A1), Loser_14 (A2), LunarLander_10 (A1), MPlant7149_9 (A1), Magnar_10 (A1), Magnito_9 (A1), Makemake_10 (A1), Malec_12 (A2), Manatee_10 (A1), Marcell_10 (A1), Marco3_10 (A1), Marge_10 (A1), Maroc7_9 (A1), Marsha_10 (A1), MaryBeth_10 (A1), McGuire_10 (A1), McSinger_11 (A1), MetalQZJ_10 (A1), Michley_10 (A1), MiculUcigas_11 (A2), Miko_14 (A2), MilleFeuille_7 (A1), Mkhuseleli_9 (A1), Molly_11 (A1), Monet_11 (A1), Moose_9 (A1), Morpher26_10 (A4), MrGordo_10 (A1), Mryolo_9 (A1), Mule_10 (A1), Museum_11 (A1), NEHalo_10 (A1), NaSiaTalie_11 (A2), Naira_10 (A1), Nhonho_10 (A1), NicoleTera_15 (A2), Niza_11 (A1), Norz_12 (A1), NothingSpecial_13 (A2), Noxious_11 (A1), Nyxis_10 (A4), OKCentral2016_10 (A10), Ohno789_9 (A1), Oogway_9 (A1), PSullivan_12 (A1), PacerPaul_10 (A1), Papez_12 (A1), Paphu_9 (A1), Paraselene_9 (A1), Pari_11 (A1), Parliament_9 (A1), PascalRango_9 (A1), PattyP_11 (A1), Payneful_10 (A1), PeaceMeal1_9 (A10), Pelly_11 (A1), Pepe_11 (A1), Perplexer_10 (A4), Perseus_11 (A1), Peterson_13 (A1), PetiteSangsue_10 (A4), Petp2012_12 (A1), Petruchio_10 (A1), Phaded_14 (A2), PherrisBueller_11 (A1), PhineBark_8 (A1), Philipppers_9 (A1), Phontbonne_10 (A4), PhrostyMug_10 (A1), PinkPlastic_8 (A1), Pinkcreek_232 (C1), Pinto_12 (A1), Pippin_11 (A1), Piro94_12 (A2), Pita2_12 (A1), Poompha_9 (A10), PowerRanger_10 (A1), Power_11 (A2), ProMouse_9 (A1), Prudy_13 (A2), Pukovnik_13 (A2), Puppet_10 (A1), QTRlifeCrisis_10 (A1), QueenB2_11 (A2), QueenBeesly_11 (A2), Rachaly_14 (A2), Raid_11 (A1), Rajelicia_9 (A1), Rebeuca_11 (A10), RedRock_14 (A2), Refuge_14 (A12), Retro23_11 (A2), RhynO_11 (A10), Rhynn_10 (A1), RidgeCB_10 (A1), Ringer_10 (A1), Rohr_11 (A1), Rowdy_13 (A10), Rubeus_10 (A1), Rufus_10 (A1), Ruotula_9 (A1), Rutherford_11 (A1), STLscum_11 (A1), Sagefire_11 (A1), Sanya_9 (A1), SarFire_10 (A1), Scowl_11 (A1), Seabiscuit_11 (A1), Seanderson_11 (A1), SemperFi_13 (A2), Severus_9 (A10), Shapes_13 (A10), ShortQueendom_9 (A1), Shygu2_10 (A4), Sibs6_11 (A1), SkiPole_12 (A1), Sknot_11 (A2), Slagathor_10 (A1), Smairt_11 (A1), Smeagan_13 (A2), Smeagol_11 (A1), SnapTap_11 (A2), Snazzy_8 (A1), Solon_10 (A1), Sorpresa_10 (A1), SpikeBT_11 (A1), Squee_10 (A1), StewieG_9 (A1), StrongArm_9 (A1), Sumter_9 (A1), Sunshine924_9 (A1), SweetiePie_11 (A2), SwissCheese_10 (A1), Switzer_10 (A1), Swole_12 (A1), Target_11 (A1), TarsusIV_11 (A2), Tasp14_11 (A1), Teodoridan_8 (A1), Terrific_15 (A2), TheloniousMonk_11 (A1), Thor_10 (A1), Timshel_11 (A7), Topanga_10 (A10), Tote_12 (A1), Traft412_12 (A1), Treddle_11 (A1), Trike_8 (A10), Tripl3t_11 (A1), Tristan_12 (A2), Trixie_14 (A2), Trooper_11 (A2), Trouble_10 (A1), Turbido_13 (A2), Turj99_9 (A1), Twister_10 (A10), TwoPeat_11 (A1), U2_9 (A1), Updawg_13 (A2), VA6_11 (A2), Violet_9 (A1), WalterMcMickey_10 (A10), Watermelon_12 (A1), WeiHuaDA_17 (A2), Whabigail7_13 (A2), Wheeler_10 (A1), Whitspit_11 (A1), WideWale_13 (A2), Wile_10 (A4), Wilkins_10 (A1), XianYue_11 (A2), Zeeculate_9 (A1), Zephyr_10 (A1), Zeuska_11 (A1), Zimmer_13 (A12),

Start 177:

- Found in 137 of 2322 (5.9%) of genes in pham
- Manual Annotations of this start: 116 of 2027
- Called 89.1% of time when present
- Phage (with cluster) where this start called: Abdiel_10 (A4), Achebe_10 (A4), Albee_10 (A4), Alberto7_11 (A4), Annyong_10 (A4), Arturo_9 (A4), AvatarAhPeg_10 (A4), Baby16_10 (A4), Badger_10 (A4), BangNhom_9 (A4), Bartimeaus_10 (A4), BirdsNest_51 (B13), Blackmoor_10 (A4), Bombshell_10 (A4), Broseidon_10 (A4), Bruiser_10 (A4), BubbleTrouble_10 (A4), Caelakin_10 (A4), Camperdownii_9 (A4), CentreCat_10 (A4), Cerulean_10 (A4), ChampagnePapi_10 (A4), Chaph_10 (A4), Cici_10 (A4), Cindaradix_9 (A4), Cintron_10 (A4), Citius_10 (A4), Clarenza_10 (A4), CocoaBerry_10 (A4), Commander_10 (A4), Connomayer_10 (A4), Deano_10 (A4),

Dhanush_10 (A4), DirtyDunning_10 (A4), Druantia_10 (A4), Eapen_10 (A4), Eris_10 (A4), Eros_10 (A4), Eurydice_10 (A4), Florean_10 (A4), Funston_10 (A4), Gadost_10 (A4), Happiness_10 (A4), Hashim76_51 (B13), Houdini22_10 (A4), Huxley_10 (A4), Iceman_10 (A4), Iracema64_10 (A4), Jaykayelowell_10 (A4), JetBlade_10 (A4), JoongJeon_10 (A4), KFPoly_10 (A4), Kampy_10 (A4), KekoraPapaka_9 (A4), Kingmustik0402_10 (A4), Koan_10 (A4), Koreni_9 (A4), Kratark_10 (A4), Kremtemulon_10 (A4), Kyee_10 (A4), LHTSCC_10 (A4), LappelDuVide_10 (A4), Lemur_10 (A4), LeoAvram_10 (A4), LittleB_10 (A4), LittleMinkey_54 (B13), LochMonster_10 (A4), Lorenzo_10 (A4), Lunsford_11 (A4), Maverick_10 (A4), Maxo_10 (A4), Mayonnaise_10 (A4), Mazhar510_10 (A4), Millski_10 (A4), Miramae_10 (A4), Morrow_10 (A4), Mundrea_10 (A4), Nebs_10 (A4), Noelle_10 (A4), NorthStar_10 (A4), NotAPhaseMom_10 (A4), OKaNui_10 (A4), Obama12_10 (A4), Ohfah_10 (A4), Palestino_10 (A4), PeterPeter_10 (A4), Phacado_10 (A4), Phelipe_10 (A4), Phighter1804_10 (A4), Polymorphads_10 (A4), Pumbaa_10 (A4), Relief_10 (A4), RockieBear_9 (A4), Romney_10 (A4), Roosevelt_10 (A4), Rosa24_9 (A4), Ruin_10 (A4), Sabertooth_10 (A4), Scamp_10 (A4), SenorClean_10 (A4), Shaka_10 (A4), SheldonCooper_10 (A4), Skipitt_10 (A4), Sparxx_10 (A4), Spino_10 (A4), Stasia_11 (A4), SteMason_9 (A4), Stink_10 (A4), Sultana_10 (A4), Taquarus_10 (A4), Thanksgivukkah_10 (A4), TinaFeyge_10 (A4), Tinybot_9 (A4), TiroTheta9_10 (A4), TroyPia_10 (A4), TygerBlood_10 (A4), Ulysses_9 (A4), Wander_10 (A4), Wilbur_10 (A4), Wizard007_10 (A4), Xena_10 (A4), YoSam321_10 (A4),

Start 179:

- Found in 131 of 2322 (5.6%) of genes in pham
- Manual Annotations of this start: 14 of 2027
- Called 10.7% of time when present
- Phage (with cluster) where this start called: Avle17_10 (A4), BellusTerra_10 (A4), Burger_9 (A4), Eagle_9 (A4), Flux_10 (A4), HamSlice_9 (A4), Hamulus_32 (F1), Holli_10 (A4), ICleared_10 (A4), Medusa_10 (A4), MeeZee_10 (A4), Melvin_10 (A4), Peaches_10 (A4), Pipcraft_10 (A4),

Start 181:

- Found in 1 of 2322 (0.0%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: DS6A_31 (singleton),

Start 191:

- Found in 367 of 2322 (15.8%) of genes in pham
- Manual Annotations of this start: 6 of 2027
- Called 1.9% of time when present
- Phage (with cluster) where this start called: Cueyllyss_10 (A1), Froghopper_11 (A1), Gachnar_10 (A1), Licorice_12 (A1), Luchador_11 (A14), Marchy_9 (A1), Topgun_10 (A1),

Start 202:

- Found in 474 of 2322 (20.4%) of genes in pham
- Manual Annotations of this start: 32 of 2027
- Called 7.6% of time when present
- Phage (with cluster) where this start called: BAKA_53 (J), Beem_49 (J), Bombitas_46 (J), Constella_41 (J), Dallas_51 (J), DmpstrDiver_50 (J), Dove_46 (J), Duke13_52 (J), Ejimix_49 (J), EricMillard_49 (J), EvilGenius_13 (A2), Gaia_34 (X),

Halley_49 (J), Hannaconda_45 (J), HokkenD_42 (J), Hughesyang_47 (J), JuicyJay_51 (J), Kalah2_49 (J), KashFlow_42 (J), Klein_49 (J), LittleE_53 (J), Minerva_55 (J), Nekros_47 (J), Nibley_43 (J), NihilNomen_48 (J), Omega_53 (J), Optimus_54 (J), Phoebus_48 (J), Pound_51 (J), Redno2_47 (J), Schatzie_46 (J), Shaboozey_41 (J), ThreeRngTarjay_47 (J), Wanda_55 (J), Xiaokay_44 (J), Yeet_47 (J),

Start 203:

- Found in 1110 of 2322 (47.8%) of genes in pham
- Manual Annotations of this start: 2 of 2027
- Called 0.5% of time when present
- Phage (with cluster) where this start called: CartmannCramer_10 (A1), ChristmasHams_10 (A1), Nemo27_10 (A4), Nerujay_11 (A1), Sandaddy_9 (A1),

Start 204:

- Found in 7 of 2322 (0.3%) of genes in pham
- Manual Annotations of this start: 7 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aziz_43 (M2), Estes_44 (M2), GardenSalsa_43 (M2), GenevaB15_43 (M2), MrMagoo_43 (M2), Nanosmite_43 (M3), Rey_43 (M2),

Start 206:

- Found in 29 of 2322 (1.2%) of genes in pham
- Manual Annotations of this start: 15 of 2027
- Called 62.1% of time when present
- Phage (with cluster) where this start called: Auspice_38 (M1), Bongo_38 (M1), Bricole_38 (M1), Diminimus_39 (M1), Dulcita_39 (M1), FreakyGoo_39 (M1), Glaske16_39 (M1), IPhane7_38 (M1), Izel_39 (M1), KleverKiS_38 (M1), LilhomieP_37 (M1), PegLeg_38 (M1), Reindeer_38 (M1), RoseMarie_40 (M1), Skinny_39 (M1), SlimJimmy_37 (M1), TpudiCK_39 (M1), TyDawg_38 (M1),

Start 209:

- Found in 302 of 2322 (13.0%) of genes in pham
- Manual Annotations of this start: 127 of 2027
- Called 47.7% of time when present
- Phage (with cluster) where this start called: 244_37 (E), ABCat_34 (E), Adnama_38 (E), Amao_35 (E), AmericanBeauty_37 (E), Argent26_37 (E), Asriel_34 (E), BaboJay_34 (E), BadStone_34 (E), Balomoji_34 (E), Barbarian_34 (E), Bask21_35 (E), Becksu_35 (E), Bench_37 (E), BigBubba_36 (E), BilboSwaggins_35 (E), Bogg_35 (E), Brewer_35 (E), Bruin_35 (E), Buck_34 (E), Budgie_38 (E), BugsBunny_33 (E), Cactus_36 (E), ChosenOne_35 (E), ChotaBhai_35 (E), Cjw1_35 (E), Command613_36 (E), Contagion_34 (E), Cookies_35 (E), CrystalP_35 (E), Czystczon1_36 (E), Daikon_34 (E), DoctorDiddles_35 (E), DrDrey_36 (E), Dumbo_35 (E), Dusk_34 (E), Easy2Say_37 (E), Elite2014_34 (E), Elph10_36 (E), Emmina_36 (E), Eureka_35 (E), FairyPath_35 (E), Filch_36 (E), FireRed_35 (E), Flypotenuse_33 (E), FoghornLeghorn_34 (E), Gage_37 (E), Gator_33 (E), Gemini_38 (E), Glexan_33 (E), Goku_35 (E), GoldenSpark_37 (E), Goldilocks_36 (E), GooberAzure_37 (E), Greep_36 (E), HanKaySha_36 (E), Harella_34 (E), Henry_36 (E), Highbury_36 (E), Holt_36 (E), Hoonter_37 (E), Hopey_37 (E), HufflyPuff_34 (E), IHOP_35 (E), Icee_34 (E), Inca_34 (E), JeTaimie_37 (E), Kanye_37 (E), Kimchi_37 (E), Kostya_36 (E), Lilac_37 (E), Lilizi_37 (E), Lilpickle_34 (E), MISSy_34 (E), MPhalcon_34 (E), MadamMonkfish_35 (E), Manda_36 (E), Marshmallow_35 (E),

Maxxinista_36 (E), Mindy_35 (E), Miniwave_35 (E), Misfit_35 (E), Moldemort_36 (E), MollyToe_35 (E), Mosby_34 (E), Murica_34 (E), Murphy_36 (E), Myrale_35 (E), Nala_35 (E), NelitzaMV_35 (E), Nimrod_35 (E), NoSleep_36 (E), NonchalantPear_35 (E), OrionPax_36 (E), PaddyBaddy_36 (E), Palpatine_35 (E), Paperbeatsrock_37 (E), Pat3_34 (E), Petra64142_37 (E), Phaja_35 (E), Pharsalus_36 (E), PhatBacter_35 (E), Phaux_34 (E), Phrux_35 (E), Policronamos_35 (E), Porky_35 (E), Ptowny_36 (E), Pumpkin_37 (E), Qualification_36 (E), Rakim_36 (E), Rimmer_34 (E), RiverMonster_35 (E), Saints25_36 (E), Sassay_34 (E), ShamWow_35 (E), ShereKhan_37 (E), Simpliphy_36 (E), SirDuracell_34 (E), SophKB_35 (E), Sotrice96_35 (E), Stank_38 (E), Stark_36 (E), StellaBean_35 (E), StolenFromERC_37 (E), StormChicken_35 (E), TBrady12_37 (E), Tarkin_37 (E), TeamEdward_35 (E), TeardropMSU_34 (E), Teaspoon_36 (E), Terminus_35 (E), Thimble_35 (E), Thresher_36 (E), Tomaszewski_34 (E), Toto_35 (E), Traaww1_33 (E), Tucō_36 (E), Ukulele_35 (E), Wiggins_38 (E), Willez_34 (E), Xandras_37 (E), YassJohnny_36 (E), Youngblood_35 (E), xkcd_36 (E),

Start 212:

- Found in 3 of 2322 (0.1%) of genes in pham
- Manual Annotations of this start: 3 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aikoy_46 (AE), Leopard_46 (AE), Onyinye_47 (AE),

Start 213:

- Found in 26 of 2322 (1.1%) of genes in pham
- Manual Annotations of this start: 23 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bobquesha_33 (K4), Boilgate_28 (K8), Chancellor_32 (K4), Cheetobro_32 (K4), DanSyl44_35 (K4), Eponine_34 (K4), Fionnbharth_32 (K4), JF1_32 (K4), Juliette_34 (K4), Kraw_32 (K4), Lebo14_32 (K4), Malthus_33 (K4), MissDaisy_32 (K4), Mitti_32 (K4), OmniCritical_32 (K4), Patt_32 (K4), Qhanda_33 (K4), Reptar3000_32 (K4), Ruthiejr_33 (K4), SamScheppers_32 (K4), Slarp_32 (K4), Taquito_32 (K4), Wintermute_32 (K4), Y10_32 (K4), Y2_32 (K4), YasnayaPolyana_32 (K4),

Start 218:

- Found in 41 of 2322 (1.8%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 9.8% of time when present
- Phage (with cluster) where this start called: Bagrid_48 (J), BronnyJames_41 (J), Odette_49 (J), Zelink_50 (J),

Start 226:

- Found in 39 of 2322 (1.7%) of genes in pham
- Manual Annotations of this start: 29 of 2027
- Called 82.1% of time when present
- Phage (with cluster) where this start called: Agent47_30 (K5), AlleyCat_31 (K5), Amelie_27 (K1), Binglebops_27 (K1), Bryler_31 (K6), Cain_31 (K6), Collard_30 (K5), Dadosky_31 (K5), Edugator_30 (K5), Enkosi_27 (K1), InvictusManeo_30 (K5), Krueger_31 (K6), Larva_31 (K5), LilPharaoh_27 (K1), Mdavu_27 (K1), Nikao_27 (K1), Nutello_27 (K1), PhelpsODU_31 (K6), Phrank_31 (K6), Psycho_31 (K5), SgtBeansprout_27 (K1), Shadow1_30 (K6), Sunflower1121_30 (K6), Syra333_31 (K6), Teejan_27 (K1), Tierra_31 (K6), Tigress9_32 (K6), Torres_27 (K1), Trice_27

(K1), Unicorn_31 (K6), ViviJ_29 (K5), Ximenita_32 (K6),

Start 227:

- Found in 147 of 2322 (6.3%) of genes in pham
- Manual Annotations of this start: 136 of 2027
- Called 98.6% of time when present
- Phage (with cluster) where this start called: ActinUp_31 (K1), Adephagia_31 (K1), Adonis_31 (K1), Ageofdapage_31 (K1), AlishaPH_31 (K1), Amgine_29 (K6), Amohnition_30 (K6), Anaya_32 (K1), Angelica_31 (K1), Apocalypse_31 (K1), Applecrisp_29 (K6), Asayake_31 (K1), Atiba_31 (K1), BEEST_31 (K1), BGlluviae_31 (K1), BaghaKamala_31 (K1), BarrelRoll_31 (K1), Beezoo_31 (K1), Bella96_31 (K1), Belladonna_31 (K1), Bern_31 (K1), Blizzard_31 (K1), Boiii_31 (K1), CREW_31 (K1), CallaLilly_31 (K1), Capricorn_31 (K1), CaseJules_31 (K1), Chavito_31 (K1), CheetoDust_31 (K1), Chris_30 (K1), Clipper_31 (K1), CrimD_31 (K1), Curiosium_32 (K1), Dalmuri_31 (K1), DartGoblin_31 (K1), DARTH_30 (K6), Dartin_31 (K1), Deby_31 (K1), Devera_31 (K1), Dole_31 (K1), DrHayes_31 (K1), Durfee_31 (K1), Efra2_31 (K1), Ekdilam_28 (K6), Ellie_28 (K6), Emerson_31 (K1), Fefferhead_30 (K6), Feyre_30 (K5), Ganymede_32 (K1), Gengar_30 (K5), Geraldini_31 (K1), Guanica15_31 (K1), Guillsminger_30 (K5), Hammy_30 (K6), HedwigODU_31 (K1), Heftyboy_30 (K5), Homura_31 (K1), Hurricane_32 (K3), Hyperbowlee_31 (K1), Illumine_31 (K1), Inky_31 (K1), JAWS_31 (K1), Jarvi_31 (K1), Jayhawk_31 (K1), Jeckyll_31 (K1), Joy99_31 (K1), Keshu_32 (K3), KiSi_30 (K1), LastHope_31 (K1), LaterM_31 (K1), Lavahound_29 (K6), LeMond_30 (K1), Lea83_32 (K3), Leston_30 (K5), LindNT_31 (K1), Llorens_31 (K1), Lunahalos_31 (K1), MacKat_31 (K1), MacnCheese_32 (K3), MalagasyRose_31 (AG), MarkPhew_31 (K1), Marshawn_32 (K6), McMater_31 (K1), MeaningOfLife_31 (K1), Megsy_31 (K1), Miryou_30 (K5), Murucutumbu_31 (K1), Mynx_31 (K1), Nergal_27 (AG), Nibb_30 (K1), Niklas_31 (K1), November_29 (K6), OkiRoe_30 (K5), Omnicron_31 (K5), Oscar_30 (K1), Padfoot_31 (K1), Padpat_31 (K1), Paola_30 (K5), Peanam_31 (K1), Peel_31 (K1), Pharb_30 (K3), Piatt_31 (K1), Pisa4_30 (K1), Pixie_31 (K3), Pokerus_30 (K1), Prithvi_31 (K1), QuincyRose_30 (K1), Ramen_31 (K1), Rando14_31 (K5), Rapunzel97_31 (K1), Richo_31 (K1), Rosmarinus_31 (K1), SamuelLPlaqson_31 (K1), Scarlett_30 (K1), Shaobing_31 (K1), ShedlockHolmes_32 (K3), ShiaSurprise_31 (K1), SirPhilip_30 (K6), Slimphazie_31 (K1), SoSeph_30 (K5), Spock_31 (K1), Stinson_32 (K1), Sulley_31 (K1), TBond007_31 (K3), TClif_32 (K6), Tachez_31 (K1), TaiwanKao_32 (K1), Thyatira_30 (K5), TingHuaYa_31 (K1), TiniBug_31 (K1), Tiri_31 (K1), Topper_31 (K1), TreyKay_31 (K1), TribbleTrouble_30 (K3), TruffulaTree_31 (K1), Twitch_31 (K1), Urkel_31 (K1), Validus_31 (K1), Veliki_31 (K1), Waterfoul_30 (K5), YoureAdopted_30 (K1), Yuna_32 (K6), Yunkel11_31 (K1), Zabiza_31 (K1), Zavala_31 (K1),

Start 238:

- Found in 206 of 2322 (8.9%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 3.4% of time when present
- Phage (with cluster) where this start called: Anma_31 (K1), BananenDer11_30 (K5), DoubleChamp_30 (K5), Kratio_29 (K5), LilDirt_29 (K5), Neighly_31 (K3), Pisa1_30 (K1),

Start 296:

- Found in 1 of 2322 (0.0%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Indlulamithi_36 (AC),

Start 297:

- Found in 536 of 2322 (23.1%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 0.2% of time when present
- Phage (with cluster) where this start called: Kimberlium_33 (F1),

Start 306:

- Found in 1 of 2322 (0.0%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Phantastic_10 (A3),

Start 311:

- Found in 19 of 2322 (0.8%) of genes in pham
- Manual Annotations of this start: 12 of 2027
- Called 94.7% of time when present
- Phage (with cluster) where this start called: Bradman_10 (A2), D29_12 (A2), D32_14 (A2), DBQu4n_14 (A2), Duplo_14 (A2), ForesterFrank_12 (A2), Jsquared_10 (A2), Kerberos_14 (A2), Koduck_11 (A2), L5_12 (A2), MajorMajor_10 (A2), Naji_14 (A2), Pomar16_14 (A2), Quokka_9 (A2), Serenity_10 (A2), StarStuff_14 (A2), Tomathan_14 (A2), Travvers_14 (A2),

Start 313:

- Found in 198 of 2322 (8.5%) of genes in pham
- Manual Annotations of this start: 1 of 2027
- Called 1.5% of time when present
- Phage (with cluster) where this start called: FlyCatcher_14 (A7), Sheen_12 (A7), Toro_13 (A7),

Start 315:

- Found in 35 of 2322 (1.5%) of genes in pham
- Manual Annotations of this start: 18 of 2027
- Called 80.0% of time when present
- Phage (with cluster) where this start called: B1_08 (A3), BabyJohn_9 (A3), BabyRay_10 (A3), BlueBird_11 (A3), Bugatti_10 (A3), Chiqui_9 (A3), Clammy_10 (A3), DropBear_10 (A3), Fred313_10 (A3), Giroux_11 (A3), Heathen_10 (A3), HelDan_10 (A3), Idleandcovert_10 (A3), Isca_10 (A3), JF2_10 (A3), JF4_10 (A3), Kachowdy_10 (A3), MA5_10 (A3), MK4_10 (A3), Marchesa_10 (A3), Pistachio_11 (A3), Puppy_11 (A3), Rockstar_10 (A3), Roimos_10 (A3), SaturnRing_10 (A3), Scout_10 (A3), TNguyen7_10 (A3), Zarafa_10 (A3),

Start 323:

- Found in 4 of 2322 (0.2%) of genes in pham
- Manual Annotations of this start: 4 of 2027
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AN9_14 (A2), ANI8_14 (A2), C3_09 (A2), VC3_14 (A2),

Start 326:

- Found in 34 of 2322 (1.5%) of genes in pham
- Manual Annotations of this start: 2 of 2027

- Called 5.9% of time when present
- Phage (with cluster) where this start called: Kimona_7 (A19), PP_20 (A7),

Start 331:

- Found in 418 of 2322 (18.0%) of genes in pham
- No Manual Annotations of this start.
- Called 0.2% of time when present
- Phage (with cluster) where this start called: IbOuu_33 (F1),

Summary by clusters:

There are 71 clusters represented in this pham: singleton, M3, M2, AC, AJ, A21, K3, K2, K1, AB, M1, K6, K5, K4, AE, K8, A14, G5, G4, A10, G1, A12, I1, I2, A19, A1, A3, A2, A4, A7, C1, B10, A17, P3, V, P1, E, AD, AG, F, AH, B12, J, none, O, N, Q, L4, R, L2, L3, L1, Y, X, UNK, F1, F2, G, F4, F5, F6, F7, H2, B6, L5, B1, K7, B3, U, B9, B13,

Info for manual annotations of cluster A1:

- Start number 175 was manually annotated 212 times for cluster A1.
- Start number 191 was manually annotated 5 times for cluster A1.
- Start number 203 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:

- Start number 175 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A12:

- Start number 175 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 191 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A19:

- Start number 326 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 111 was manually annotated 1 time for cluster A2.
- Start number 175 was manually annotated 77 times for cluster A2.
- Start number 202 was manually annotated 1 time for cluster A2.
- Start number 311 was manually annotated 12 times for cluster A2.
- Start number 323 was manually annotated 4 times for cluster A2.

Info for manual annotations of cluster A3:

- Start number 166 was manually annotated 96 times for cluster A3.
- Start number 175 was manually annotated 1 time for cluster A3.
- Start number 306 was manually annotated 1 time for cluster A3.
- Start number 315 was manually annotated 18 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 175 was manually annotated 13 times for cluster A4.
- Start number 177 was manually annotated 114 times for cluster A4.
- Start number 179 was manually annotated 13 times for cluster A4.
- Start number 203 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A7:

- Start number 175 was manually annotated 3 times for cluster A7.
- Start number 313 was manually annotated 1 time for cluster A7.
- Start number 326 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster AB:

- Start number 129 was manually annotated 1 time for cluster AB.

Info for manual annotations of cluster AC:

- Start number 296 was manually annotated 1 time for cluster AC.

Info for manual annotations of cluster AD:

- Start number 109 was manually annotated 1 time for cluster AD.

Info for manual annotations of cluster AE:

- Start number 212 was manually annotated 3 times for cluster AE.

Info for manual annotations of cluster AG:

- Start number 227 was manually annotated 2 times for cluster AG.

Info for manual annotations of cluster AH:

- Start number 96 was manually annotated 1 time for cluster AH.

Info for manual annotations of cluster AJ:

- Start number 109 was manually annotated 1 time for cluster AJ.

Info for manual annotations of cluster B1:

- Start number 89 was manually annotated 280 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 171 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B12:

- Start number 175 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 174 was manually annotated 1 time for cluster B13.
- Start number 177 was manually annotated 2 times for cluster B13.

Info for manual annotations of cluster B3:

- Start number 151 was manually annotated 50 times for cluster B3.

Info for manual annotations of cluster B6:

- Start number 175 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B9:

- Start number 174 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster C1:

- Start number 158 was manually annotated 177 times for cluster C1.
- Start number 175 was manually annotated 3 times for cluster C1.

Info for manual annotations of cluster E:

- Start number 209 was manually annotated 127 times for cluster E.

Info for manual annotations of cluster F1:

- Start number 71 was manually annotated 1 time for cluster F1.
- Start number 158 was manually annotated 31 times for cluster F1.
- Start number 164 was manually annotated 193 times for cluster F1.
- Start number 179 was manually annotated 1 time for cluster F1.
- Start number 297 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F2:

- Start number 164 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F4:

- Start number 164 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:

- Start number 164 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster G1:

- Start number 96 was manually annotated 62 times for cluster G1.

Info for manual annotations of cluster G4:

- Start number 96 was manually annotated 2 times for cluster G4.

Info for manual annotations of cluster G5:

- Start number 96 was manually annotated 2 times for cluster G5.

Info for manual annotations of cluster H2:

- Start number 129 was manually annotated 2 times for cluster H2.

Info for manual annotations of cluster I1:

- Start number 106 was manually annotated 2 times for cluster I1.
- Start number 110 was manually annotated 4 times for cluster I1.

Info for manual annotations of cluster I2:

- Start number 109 was manually annotated 1 time for cluster I2.

Info for manual annotations of cluster J:

- Start number 103 was manually annotated 9 times for cluster J.
- Start number 202 was manually annotated 30 times for cluster J.
- Start number 218 was manually annotated 1 time for cluster J.

Info for manual annotations of cluster K1:

- Start number 226 was manually annotated 9 times for cluster K1.
- Start number 227 was manually annotated 99 times for cluster K1.

Info for manual annotations of cluster K2:

- Start number 105 was manually annotated 11 times for cluster K2.

Info for manual annotations of cluster K3:

- Start number 227 was manually annotated 9 times for cluster K3.

Info for manual annotations of cluster K4:

- Start number 213 was manually annotated 22 times for cluster K4.

Info for manual annotations of cluster K5:

- Start number 226 was manually annotated 9 times for cluster K5.
- Start number 227 was manually annotated 13 times for cluster K5.
- Start number 238 was manually annotated 1 time for cluster K5.

Info for manual annotations of cluster K6:

- Start number 226 was manually annotated 11 times for cluster K6.
- Start number 227 was manually annotated 13 times for cluster K6.

Info for manual annotations of cluster K7:

- Start number 164 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:

- Start number 213 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster L1:

- Start number 169 was manually annotated 19 times for cluster L1.

Info for manual annotations of cluster L2:

- Start number 112 was manually annotated 24 times for cluster L2.
- Start number 169 was manually annotated 6 times for cluster L2.

Info for manual annotations of cluster L3:

- Start number 111 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:

- Start number 169 was manually annotated 4 times for cluster L4.

Info for manual annotations of cluster L5:

- Start number 99 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster M1:

- Start number 206 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:

- Start number 204 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:

- Start number 204 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster N:

- Start number 110 was manually annotated 4 times for cluster N.

Info for manual annotations of cluster O:

- Start number 160 was manually annotated 30 times for cluster O.

Info for manual annotations of cluster P1:

- Start number 110 was manually annotated 42 times for cluster P1.

Info for manual annotations of cluster P3:

- Start number 110 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster Q:

- Start number 96 was manually annotated 22 times for cluster Q.

Info for manual annotations of cluster R:

- Start number 158 was manually annotated 9 times for cluster R.

Info for manual annotations of cluster U:

- Start number 158 was manually annotated 3 times for cluster U.

Info for manual annotations of cluster V:

- Start number 164 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster X:

- Start number 164 was manually annotated 1 time for cluster X.
- Start number 202 was manually annotated 1 time for cluster X.

Info for manual annotations of cluster Y:

- Start number 96 was manually annotated 3 times for cluster Y.

Gene Information:

Gene: 20ES_11 Start: 6443, Stop: 7420, Start Num: 175

Candidate Starts for 20ES_11:

(Start: 175 @6443 has 331 MA's), (Start: 203 @6497 has 2 MA's), (344, 6686), (356, 6722), (362, 6734), (389, 6791), (407, 6827), (430, 6875), (444, 6914), (475, 6986), (479, 7001), (513, 7064), (540, 7106), (552, 7154), (559, 7181), (565, 7196), (570, 7214), (571, 7217), (593, 7256), (620, 7307), (658, 7406),

Gene: 244_37 Start: 32138, Stop: 32995, Start Num: 209

Candidate Starts for 244_37:

(Start: 209 @32138 has 127 MA's), (229, 32177), (244, 32207), (255, 32228), (274, 32264), (288, 32294), (327, 32369), (352, 32417), (355, 32420), (365, 32444), (367, 32447), (378, 32462), (443, 32633), (494, 32747), (501, 32762), (504, 32768), (582, 32810), (584, 32813), (612, 32867), (646, 32945), (662, 32978),

Gene: 39HC_042 Start: 40379, Stop: 41374, Start Num: 175

Candidate Starts for 39HC_042:

(Start: 175 @40379 has 331 MA's), (190, 40409), (Start: 202 @40430 has 32 MA's), (Start: 203 @40433 has 2 MA's), (261, 40520), (293, 40568), (309, 40601), (356, 40670), (388, 40733), (389, 40739), (407, 40775), (432, 40823), (479, 40934), (525, 41021), (528, 41024), (550, 41084), (553, 41096), (556, 41108), (558, 41114), (607, 41219), (668, 41351),

Gene: 40AC_14 Start: 8493, Stop: 9470, Start Num: 175

Candidate Starts for 40AC_14:

(Start: 175 @8493 has 331 MA's), (Start: 203 @8547 has 2 MA's), (344, 8736), (362, 8784), (389, 8841), (430, 8925), (444, 8964), (464, 9012), (474, 9033), (479, 9051), (513, 9114), (540, 9156), (552, 9204), (559, 9231), (565, 9246), (571, 9267), (593, 9306), (620, 9357), (645, 9426),

Gene: 40BC_042 Start: 40379, Stop: 41374, Start Num: 175

Candidate Starts for 40BC_042:

(Start: 175 @40379 has 331 MA's), (190, 40409), (Start: 202 @40430 has 32 MA's), (Start: 203 @40433 has 2 MA's), (261, 40520), (293, 40568), (309, 40601), (356, 40670), (388, 40733), (389, 40739), (407, 40775), (432, 40823), (479, 40934), (525, 41021), (528, 41024), (550, 41084), (553, 41096), (556, 41108), (558, 41114), (607, 41219), (668, 41351),

Gene: A6_08 Start: 5593, Stop: 6561, Start Num: 175

Candidate Starts for A6_08:

(Start: 175 @5593 has 331 MA's), (Start: 191 @5626 has 6 MA's), (Start: 202 @5644 has 32 MA's), (Start: 203 @5647 has 2 MA's), (331, 5836), (366, 5914), (378, 5932), (389, 5965), (396, 5977), (430, 6052), (455, 6115), (465, 6139), (479, 6178), (487, 6196), (521, 6259), (563, 6340), (570, 6364), (571, 6367), (572, 6370), (581, 6379), (624, 6466), (633, 6490), (644, 6511), (663, 6553),

Gene: ABCat_34 Start: 31850, Stop: 32707, Start Num: 209

Candidate Starts for ABCat_34:

(Start: 209 @31850 has 127 MA's), (229, 31889), (244, 31919), (255, 31940), (274, 31976), (288, 32006), (327, 32081), (352, 32129), (355, 32132), (365, 32156), (367, 32159), (378, 32174), (443, 32345), (494, 32459), (501, 32474), (504, 32480), (582, 32522), (584, 32525), (612, 32579), (646, 32657), (662, 32690),

Gene: ABU_50 Start: 41835, Stop: 43190, Start Num: 89

Candidate Starts for ABU_50:

(Start: 89 @41835 has 280 MA's), (Start: 105 @41886 has 11 MA's), (119, 41919), (185, 42048), (186, 42051), (194, 42066), (249, 42162), (273, 42201), (287, 42231), (300, 42267), (354, 42378), (365, 42408), (367, 42411), (397, 42477), (457, 42636), (477, 42684), (481, 42702), (504, 42750), (566, 42894), (588, 42954), (628, 43059), (671, 43146),

Gene: ACFishhook_12 Start: 6114, Stop: 7079, Start Num: 166

Candidate Starts for ACFishhook_12:

(Start: 166 @6114 has 96 MA's), (Start: 203 @6180 has 2 MA's), (241, 6234), (291, 6312), (362, 6435), (389, 6492), (430, 6564), (444, 6603), (452, 6621), (479, 6690), (546, 6807), (552, 6834), (571, 6897), (620, 6987), (622, 6993),

Gene: AFIS_10 Start: 5930, Stop: 6898, Start Num: 175

Candidate Starts for AFIS_10:

(Start: 175 @5930 has 331 MA's), (Start: 191 @5963 has 6 MA's), (Start: 202 @5981 has 32 MA's), (Start: 203 @5984 has 2 MA's), (366, 6251), (389, 6302), (396, 6314), (430, 6389), (455, 6452), (461, 6464), (468, 6485), (474, 6497), (479, 6515), (487, 6533), (500, 6557), (521, 6596), (563, 6677), (570, 6701), (571, 6704), (572, 6707), (581, 6716), (624, 6803), (663, 6890),

Gene: AN3_11 Start: 6428, Stop: 7405, Start Num: 175

Candidate Starts for AN3_11:

(54, 5960), (Start: 175 @6428 has 331 MA's), (Start: 203 @6482 has 2 MA's), (344, 6671), (356, 6707), (362, 6719), (389, 6776), (407, 6812), (430, 6860), (444, 6899), (464, 6947), (472, 6965), (475, 6971), (479, 6986), (513, 7049), (540, 7091), (552, 7139), (559, 7166), (565, 7181), (570, 7199), (571, 7202), (593, 7241), (620, 7292),

Gene: AN9_14 Start: 6596, Stop: 7345, Start Num: 323

Candidate Starts for AN9_14:

(Start: 323 @6596 has 4 MA's), (328, 6602), (391, 6743), (430, 6830), (439, 6854), (441, 6860), (452, 6887), (474, 6938), (479, 6956), (552, 7100), (571, 7163), (596, 7211), (597, 7214), (618, 7244), (620, 7253),

Gene: ANI8_14 Start: 6596, Stop: 7345, Start Num: 323

Candidate Starts for ANI8_14:

(Start: 323 @6596 has 4 MA's), (328, 6602), (391, 6743), (430, 6830), (439, 6854), (441, 6860), (452, 6887), (474, 6938), (479, 6956), (552, 7100), (571, 7163), (596, 7211), (597, 7214), (618, 7244), (620, 7253),

Gene: AbbyPaige_13 Start: 6873, Stop: 7865, Start Num: 175

Candidate Starts for AbbyPaige_13:

(Start: 175 @6873 has 331 MA's), (Start: 202 @6924 has 32 MA's), (Start: 203 @6927 has 2 MA's), (309, 7095), (331, 7101), (344, 7128), (368, 7188), (389, 7233), (430, 7320), (450, 7365), (476, 7404), (497, 7452), (542, 7533), (552, 7575), (580, 7662), (636, 7776),

Gene: AbbysRanger_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for AbbysRanger_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (335, 6121), (362, 6190), (389, 6247), (396, 6259), (409, 6289), (420, 6310), (432, 6331), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: Abbysshoes_11 Start: 6019, Stop: 6987, Start Num: 175

Candidate Starts for Abbysshoes_11:

(Start: 175 @6019 has 331 MA's), (Start: 191 @6052 has 6 MA's), (Start: 202 @6070 has 32 MA's), (Start: 203 @6073 has 2 MA's), (366, 6340), (389, 6391), (396, 6403), (430, 6478), (455, 6541), (461, 6553), (468, 6574), (474, 6586), (479, 6604), (487, 6622), (500, 6646), (521, 6685), (563, 6766), (570, 6790), (571, 6793), (572, 6796), (581, 6805), (624, 6892), (644, 6937), (663, 6979),

Gene: Abdiel_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Abdiel_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Abinghost_47 Start: 41532, Stop: 42590, Start Num: 151

Candidate Starts for Abinghost_47:

(Start: 151 @41532 has 50 MA's), (184, 41595), (236, 41676), (271, 41736), (279, 41751), (288, 41763), (298, 41790), (343, 41847), (346, 41856), (413, 42003), (419, 42018), (439, 42072), (452, 42105), (467, 42144), (475, 42156), (518, 42237), (533, 42255), (535, 42258), (552, 42303), (596, 42414), (649, 42525), (658, 42546), (673, 42579),

Gene: Ablatia_252 Start: 144206, Stop: 145234, Start Num: 158

Candidate Starts for Ablatia_252:

(Start: 158 @144206 has 220 MA's), (Start: 175 @144236 has 331 MA's), (182, 144248), (Start: 203 @144290 has 2 MA's), (243, 144353), (254, 144374), (Start: 297 @144458 has 1 MA's), (331, 144500), (339, 144512), (346, 144527), (378, 144596), (389, 144623), (414, 144677), (427, 144722), (428, 144725), (430, 144728), (460, 144803), (468, 144824), (521, 144935), (565, 145025), (570, 145043), (611, 145115), (625, 145148),

Gene: Abrogate_110 Start: 6675, Stop: 7643, Start Num: 175

Candidate Starts for Abrogate_110:

(Start: 175 @6675 has 331 MA's), (Start: 191 @6708 has 6 MA's), (Start: 202 @6726 has 32 MA's), (Start: 203 @6729 has 2 MA's), (366, 6996), (389, 7047), (396, 7059), (430, 7134), (455, 7197), (461, 7209), (468, 7230), (474, 7242), (479, 7260), (487, 7278), (500, 7302), (521, 7341), (563, 7422), (570, 7446), (571, 7449), (572, 7452), (581, 7461), (624, 7548), (663, 7635),

Gene: AbsoluteMadLad_48 Start: 41712, Stop: 43067, Start Num: 89

Candidate Starts for AbsoluteMadLad_48:

(Start: 89 @41712 has 280 MA's), (Start: 105 @41763 has 11 MA's), (119, 41796), (128, 41814), (185, 41925), (186, 41928), (194, 41943), (249, 42039), (273, 42078), (287, 42108), (300, 42144), (354, 42255), (365, 42285), (367, 42288), (397, 42354), (457, 42513), (477, 42561), (481, 42579), (504, 42627), (566, 42771), (588, 42831), (628, 42936), (651, 42990), (671, 43023),

Gene: Achebe_10 Start: 5878, Stop: 6858, Start Num: 177

Candidate Starts for Achebe_10:

(138, 5818), (146, 5836), (Start: 177 @5878 has 116 MA's), (Start: 179 @5881 has 14 MA's), (190, 5905), (Start: 202 @5926 has 32 MA's), (Start: 203 @5929 has 2 MA's), (362, 6178), (388, 6229), (389, 6235), (396, 6247), (409, 6277), (432, 6319), (450, 6367), (469, 6397), (479, 6424), (550, 6574), (598, 6697), (607, 6709), (612, 6718), (639, 6775), (671, 6850),

Gene: Acme_11 Start: 5864, Stop: 6832, Start Num: 175

Candidate Starts for Acme_11:

(Start: 175 @5864 has 331 MA's), (Start: 191 @5897 has 6 MA's), (Start: 202 @5915 has 32 MA's), (Start: 203 @5918 has 2 MA's), (366, 6185), (389, 6236), (396, 6248), (430, 6323), (455, 6386), (461, 6398), (468, 6419), (474, 6431), (479, 6449), (487, 6467), (500, 6491), (521, 6530), (563, 6611), (570, 6635), (571, 6638), (572, 6641), (581, 6650), (624, 6737), (663, 6824),

Gene: Acolyte_11 Start: 6523, Stop: 7593, Start Num: 111

Candidate Starts for Acolyte_11:

(94, 6463), (Start: 111 @6523 has 20 MA's), (126, 6556), (132, 6574), (134, 6577), (173, 6658), (233, 6775), (268, 6838), (283, 6865), (307, 6907), (327, 6943), (336, 6958), (360, 7027), (365, 7039), (369, 7045), (377, 7057), (393, 7096), (397, 7102), (466, 7249), (501, 7315), (506, 7324), (633, 7453), (634, 7456),

Gene: Acquire49_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for Acquire49_26:

(Start: 169 @25547 has 29 MA's), (263, 25700), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (322, 25823), (333, 25838), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: ActinUp_31 Start: 26463, Stop: 27335, Start Num: 227

Candidate Starts for ActinUp_31:

(Start: 209 @26436 has 127 MA's), (Start: 227 @26463 has 136 MA's), (Start: 238 @26475 has 1 MA's), (275, 26544), (288, 26571), (300, 26601), (307, 26610), (327, 26646), (332, 26655), (346, 26688), (352, 26706), (367, 26736), (395, 26793), (397, 26796), (465, 26931), (478, 26958), (489, 26979), (499, 27003), (539, 27054), (596, 27156), (621, 27192), (630, 27216), (674, 27315), (676, 27324),

Gene: Adahisdi_11 Start: 6258, Stop: 7226, Start Num: 175

Candidate Starts for Adahisdi_11:

(Start: 175 @6258 has 331 MA's), (Start: 191 @6291 has 6 MA's), (Start: 202 @6309 has 32 MA's), (Start: 203 @6312 has 2 MA's), (366, 6579), (389, 6630), (396, 6642), (430, 6717), (455, 6780), (468, 6813), (474, 6825), (479, 6843), (487, 6861), (521, 6924), (563, 7005), (570, 7029), (571, 7032), (572, 7035), (581, 7044), (624, 7131), (644, 7176), (663, 7218),

Gene: Adephagia_31 Start: 26460, Stop: 27332, Start Num: 227

Candidate Starts for Adephagia_31:

(Start: 209 @26433 has 127 MA's), (Start: 227 @26460 has 136 MA's), (Start: 238 @26472 has 1 MA's), (275, 26541), (288, 26568), (300, 26598), (307, 26607), (327, 26643), (332, 26652), (346, 26685), (352, 26703), (367, 26733), (395, 26790), (397, 26793), (465, 26928), (478, 26955), (489, 26976), (499, 27000), (539, 27051), (596, 27153), (621, 27189), (630, 27213), (674, 27312), (676, 27321),

Gene: Ading_255 Start: 146639, Stop: 147667, Start Num: 158

Candidate Starts for Ading_255:

(Start: 158 @146639 has 220 MA's), (Start: 175 @146669 has 331 MA's), (182, 146681), (Start: 203 @146723 has 2 MA's), (243, 146786), (254, 146807), (Start: 297 @146891 has 1 MA's), (331, 146933), (339, 146945), (346, 146960), (378, 147029), (389, 147056), (414, 147110), (427, 147155), (428, 147158), (460, 147236), (468, 147257), (521, 147368), (565, 147458), (570, 147476), (611, 147548), (625, 147581),

Gene: Adlitam_252 Start: 144794, Stop: 145822, Start Num: 158

Candidate Starts for Adlitam_252:

(Start: 158 @144794 has 220 MA's), (Start: 175 @144824 has 331 MA's), (182, 144836), (Start: 203 @144878 has 2 MA's), (243, 144941), (254, 144962), (Start: 297 @145046 has 1 MA's), (331, 145088), (339, 145100), (346, 145115), (378, 145184), (389, 145211), (414, 145265), (427, 145310), (428, 145313), (460, 145391), (468, 145412), (521, 145523), (565, 145613), (570, 145631), (611, 145703), (625, 145736),

Gene: Adnama_38 Start: 32365, Stop: 33222, Start Num: 209

Candidate Starts for Adnama_38:

(Start: 209 @32365 has 127 MA's), (229, 32404), (244, 32434), (255, 32455), (274, 32491), (288, 32521), (327, 32596), (352, 32644), (355, 32647), (365, 32671), (367, 32674), (378, 32689), (443, 32860), (494, 32974), (501, 32989), (504, 32995), (582, 33037), (584, 33040), (612, 33094), (646, 33172), (662, 33205),

Gene: Adonis_31 Start: 26466, Stop: 27338, Start Num: 227

Candidate Starts for Adonis_31:

(Start: 209 @26439 has 127 MA's), (Start: 227 @26466 has 136 MA's), (Start: 238 @26478 has 1 MA's), (275, 26547), (288, 26574), (300, 26604), (307, 26613), (327, 26649), (332, 26658), (346, 26691), (352, 26709), (367, 26739), (397, 26799), (465, 26934), (478, 26961), (489, 26982), (499, 27006), (539, 27057), (596, 27159), (621, 27195), (630, 27219), (674, 27318), (676, 27327),

Gene: Adriana_50 Start: 41833, Stop: 43188, Start Num: 89

Candidate Starts for Adriana_50:

(Start: 89 @41833 has 280 MA's), (Start: 105 @41884 has 11 MA's), (119, 41917), (185, 42046), (186, 42049), (194, 42064), (249, 42160), (273, 42199), (287, 42229), (300, 42265), (354, 42376), (365, 42406), (367, 42409), (397, 42475), (457, 42634), (477, 42682), (481, 42700), (504, 42748), (566, 42892), (588, 42952), (628, 43057), (671, 43144),

Gene: Aegeus_29 Start: 25621, Stop: 26718, Start Num: 99

Candidate Starts for Aegeus_29:

(Start: 99 @25621 has 2 MA's), (104, 25648), (123, 25693), (148, 25756), (199, 25852), (205, 25861), (Start: 238 @25915 has 1 MA's), (259, 25954), (302, 26035), (307, 26041), (332, 26086), (336, 26092), (360, 26155), (369, 26173), (374, 26179), (377, 26185), (397, 26230), (407, 26257), (466, 26374), (478, 26398), (501, 26449), (514, 26470), (586, 26488), (628, 26575), (635, 26599), (674, 26680), (679, 26707),

Gene: Aelin_48 Start: 41276, Stop: 42631, Start Num: 89

Candidate Starts for Aelin_48:

(Start: 89 @41276 has 280 MA's), (Start: 105 @41327 has 11 MA's), (119, 41360), (185, 41489), (186, 41492), (194, 41507), (249, 41603), (273, 41642), (287, 41672), (300, 41708), (341, 41783), (354, 41819), (365, 41849), (367, 41852), (397, 41918), (457, 42077), (477, 42125), (481, 42143), (504, 42191), (566, 42335), (588, 42395), (628, 42500), (671, 42587),

Gene: Aeneas_12 Start: 6353, Stop: 7321, Start Num: 175

Candidate Starts for Aeneas_12:

(Start: 175 @6353 has 331 MA's), (Start: 191 @6386 has 6 MA's), (Start: 202 @6404 has 32 MA's), (Start: 203 @6407 has 2 MA's), (366, 6674), (389, 6725), (396, 6737), (430, 6812), (455, 6875), (461, 6887), (468, 6908), (474, 6920), (479, 6938), (487, 6956), (500, 6980), (521, 7019), (563, 7100), (570, 7124), (571, 7127), (572, 7130), (581, 7139), (624, 7226), (663, 7313),

Gene: Agaliana_10 Start: 6067, Stop: 7035, Start Num: 175

Candidate Starts for Agaliana_10:

(Start: 175 @6067 has 331 MA's), (Start: 191 @6100 has 6 MA's), (Start: 202 @6118 has 32 MA's), (Start: 203 @6121 has 2 MA's), (366, 6388), (389, 6439), (396, 6451), (430, 6526), (455, 6589), (468, 6622), (474, 6634), (479, 6652), (487, 6670), (521, 6733), (563, 6814), (570, 6838), (571, 6841), (572, 6844), (581, 6853), (624, 6940), (644, 6985), (663, 7027),

Gene: Agape74_13 Start: 6873, Stop: 7865, Start Num: 175

Candidate Starts for Agape74_13:

(Start: 175 @6873 has 331 MA's), (Start: 202 @6924 has 32 MA's), (Start: 203 @6927 has 2 MA's), (309, 7095), (331, 7101), (344, 7128), (368, 7188), (389, 7233), (430, 7320), (450, 7365), (476, 7404), (497, 7452), (542, 7533), (552, 7575), (580, 7662), (636, 7776),

Gene: Agent47_30 Start: 27227, Stop: 27988, Start Num: 226

Candidate Starts for Agent47_30:

(196, 27179), (Start: 226 @27227 has 29 MA's), (Start: 238 @27239 has 1 MA's), (240, 27242), (242, 27245), (255, 27272), (275, 27308), (302, 27368), (307, 27374), (321, 27404), (327, 27410), (332, 27419), (346, 27452), (364, 27494), (365, 27497), (374, 27509), (390, 27545), (397, 27560), (410, 27596), (465, 27695), (478, 27722), (489, 27743), (596, 27806), (618, 27830), (625, 27854), (651, 27923), (674, 27968), (676, 27977),

Gene: Ageofdapage_31 Start: 26403, Stop: 27275, Start Num: 227

Candidate Starts for Ageofdapage_31:

(Start: 209 @26376 has 127 MA's), (Start: 227 @26403 has 136 MA's), (Start: 238 @26415 has 1 MA's), (275, 26484), (288, 26511), (300, 26541), (307, 26550), (327, 26586), (332, 26595), (346, 26628), (352, 26646), (397, 26736), (465, 26871), (478, 26898), (489, 26919), (499, 26943), (539, 26994), (596, 27096), (621, 27132), (630, 27156), (674, 27255), (676, 27264),

Gene: Aglet_12 Start: 5963, Stop: 6928, Start Num: 166

Candidate Starts for Aglet_12:

(Start: 166 @5963 has 96 MA's), (Start: 191 @6008 has 6 MA's), (Start: 203 @6029 has 2 MA's), (280, 6149), (362, 6287), (389, 6344), (398, 6359), (439, 6440), (444, 6455), (452, 6473), (474, 6524), (479, 6542), (502, 6587), (552, 6683), (571, 6746), (593, 6785), (620, 6836),

Gene: AgronaGT15_12 Start: 5870, Stop: 6835, Start Num: 166

Candidate Starts for AgronaGT15_12:

(Start: 166 @5870 has 96 MA's), (Start: 191 @5915 has 6 MA's), (Start: 203 @5936 has 2 MA's), (280, 6056), (362, 6194), (389, 6251), (398, 6266), (439, 6347), (444, 6362), (452, 6380), (474, 6431), (479, 6449), (502, 6494), (552, 6590), (571, 6653), (593, 6692), (620, 6743),

Gene: Aikoy_46 Start: 36375, Stop: 37256, Start Num: 212

Candidate Starts for Aikoy_46:

(Start: 212 @36375 has 3 MA's), (267, 36471), (270, 36477), (308, 36561), (319, 36573), (365, 36675), (400, 36753), (407, 36774), (453, 36897), (471, 36936), (489, 36981), (524, 37050), (571, 37101), (579, 37110), (586, 37119), (615, 37179), (627, 37215),

Gene: AizenPogi_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for AizenPogi_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: Ajay_10 Start: 6063, Stop: 7031, Start Num: 175

Candidate Starts for Ajay_10:

(Start: 175 @6063 has 331 MA's), (Start: 191 @6096 has 6 MA's), (Start: 202 @6114 has 32 MA's), (Start: 203 @6117 has 2 MA's), (366, 6384), (389, 6435), (396, 6447), (430, 6522), (455, 6585), (468, 6618), (474, 6630), (479, 6648), (487, 6666), (521, 6729), (563, 6810), (570, 6834), (571, 6837), (572, 6840), (581, 6849), (624, 6936), (644, 6981), (663, 7023),

Gene: Akhila_25 Start: 23599, Stop: 24597, Start Num: 158

Candidate Starts for Akhila_25:

(Start: 158 @23599 has 220 MA's), (Start: 203 @23674 has 2 MA's), (243, 23734), (254, 23755), (Start: 297 @23839 has 1 MA's), (339, 23890), (346, 23905), (389, 24001), (430, 24088), (439, 24112), (446, 24133), (464, 24172), (468, 24184), (487, 24232), (502, 24259), (516, 24283), (521, 24298), (570, 24406), (596, 24454), (630, 24523), (644, 24553),

Gene: Akoma_47 Start: 41537, Stop: 42601, Start Num: 151

Candidate Starts for Akoma_47:

(Start: 151 @41537 has 50 MA's), (184, 41600), (236, 41681), (271, 41747), (279, 41762), (288, 41774), (298, 41801), (343, 41858), (346, 41867), (413, 42014), (419, 42029), (439, 42083), (452, 42116), (467, 42155), (475, 42167), (518, 42248), (533, 42266), (535, 42269), (552, 42314), (596, 42425), (649, 42536), (658, 42557), (673, 42590),

Gene: Albee_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Albee_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Alberto7_11 Start: 6186, Stop: 7166, Start Num: 177

Candidate Starts for Alberto7_11:

(Start: 177 @6186 has 116 MA's), (Start: 179 @6189 has 14 MA's), (190, 6213), (Start: 202 @6234 has 32 MA's), (Start: 203 @6237 has 2 MA's), (362, 6486), (389, 6543), (432, 6627), (439, 6648), (450, 6675), (469, 6705), (479, 6732), (550, 6882), (594, 6993), (598, 7005), (607, 7017), (639, 7083),

Gene: Aldrich_11 Start: 6577, Stop: 7539, Start Num: 175

Candidate Starts for Aldrich_11:

(Start: 175 @6577 has 331 MA's), (Start: 191 @6610 has 6 MA's), (Start: 202 @6628 has 32 MA's), (Start: 203 @6631 has 2 MA's), (366, 6898), (389, 6943), (432, 7033), (464, 7114), (468, 7126), (474, 7138), (479, 7156), (487, 7174), (500, 7198), (521, 7237), (563, 7318), (570, 7342), (571, 7345), (572, 7348), (581, 7357), (624, 7444), (644, 7489), (663, 7531),

Gene: Aleia_49 Start: 41269, Stop: 42624, Start Num: 89

Candidate Starts for Aleia_49:

(Start: 89 @41269 has 280 MA's), (Start: 105 @41320 has 11 MA's), (119, 41353), (128, 41371), (185, 41482), (186, 41485), (194, 41500), (249, 41596), (273, 41635), (287, 41665), (300, 41701), (354, 41812), (365, 41842), (367, 41845), (397, 41911), (457, 42070), (477, 42118), (481, 42136), (504, 42184), (566, 42328), (588, 42388), (628, 42493), (651, 42547), (671, 42580),

Gene: Alexphander_34 Start: 28281, Stop: 29282, Start Num: 164

Candidate Starts for Alexphander_34:

(33, 27660), (40, 27738), (44, 27801), (52, 27840), (64, 27972), (70, 27993), (79, 28029), (119, 28182), (150, 28254), (Start: 164 @28281 has 214 MA's), (Start: 203 @28356 has 2 MA's), (222, 28389), (243, 28419), (254, 28440), (Start: 297 @28524 has 1 MA's), (Start: 313 @28548 has 1 MA's), (331, 28563), (339, 28575), (389, 28686), (440, 28800), (446, 28818), (464, 28857), (474, 28881), (487, 28917), (502, 28944), (521, 28983), (552, 29031), (570, 29091), (596, 29139), (603, 29151), (624, 29193), (625, 29196), (630, 29208), (644, 29238),

Gene: Alice_238 Start: 141870, Stop: 142898, Start Num: 158

Candidate Starts for Alice_238:

(Start: 158 @141870 has 220 MA's), (Start: 175 @141900 has 331 MA's), (Start: 203 @141954 has 2 MA's), (243, 142017), (254, 142038), (Start: 297 @142122 has 1 MA's), (331, 142164), (339, 142176), (346, 142191), (378, 142260), (389, 142287), (414, 142341), (427, 142386), (428, 142389), (460, 142467), (468, 142488), (521, 142599), (565, 142689), (570, 142707), (611, 142779), (625, 142812),

Gene: AlishaPH_31 Start: 26453, Stop: 27325, Start Num: 227

Candidate Starts for AlishaPH_31:

(85, 26123), (165, 26351), (Start: 209 @26426 has 127 MA's), (Start: 227 @26453 has 136 MA's), (Start: 238 @26465 has 1 MA's), (275, 26534), (288, 26561), (300, 26591), (307, 26600), (327, 26636), (332, 26645), (346, 26678), (352, 26696), (367, 26726), (397, 26786), (465, 26921), (478, 26948), (489, 26969), (499, 26993), (539, 27044), (596, 27146), (621, 27182), (630, 27206), (674, 27305), (676, 27314),

Gene: Alkhayr_67 Start: 43133, Stop: 44173, Start Num: 160

Candidate Starts for Alkhayr_67:

(Start: 160 @43133 has 30 MA's), (Start: 203 @43208 has 2 MA's), (243, 43289), (246, 43295), (254, 43310), (295, 43391), (Start: 297 @43394 has 1 MA's), (339, 43448), (346, 43463), (389, 43559), (408, 43598), (416, 43628), (427, 43658), (428, 43661), (441, 43694), (468, 43760), (482, 43799), (487, 43808), (502, 43835), (521, 43874), (608, 44048), (630, 44099),

Gene: AlleyCat_31 Start: 27158, Stop: 27919, Start Num: 226

Candidate Starts for AlleyCat_31:

(196, 27110), (Start: 226 @27158 has 29 MA's), (Start: 238 @27170 has 1 MA's), (242, 27176), (255, 27203), (275, 27239), (302, 27299), (307, 27305), (321, 27335), (327, 27341), (332, 27350), (346, 27383), (364, 27425), (365, 27428), (374, 27440), (390, 27476), (397, 27491), (410, 27527), (465, 27626), (478, 27653), (489, 27674), (596, 27737), (618, 27761), (625, 27785), (651, 27854), (674, 27899), (676, 27908),

Gene: Aloeri_33 Start: 28140, Stop: 29141, Start Num: 164

Candidate Starts for Aloeri_33:

(79, 27879), (119, 28041), (Start: 164 @28140 has 214 MA's), (Start: 203 @28215 has 2 MA's), (243, 28278), (254, 28299), (Start: 297 @28383 has 1 MA's), (Start: 313 @28407 has 1 MA's), (331, 28422), (339, 28434), (389, 28545), (440, 28659), (446, 28677), (464, 28716), (474, 28740), (487, 28776), (502, 28803), (521, 28842), (570, 28950), (596, 28998), (603, 29010), (630, 29067), (644, 29097),

Gene: AlpineSix_32 Start: 27729, Stop: 28730, Start Num: 164

Candidate Starts for AlpineSix_32:

(33, 27108), (40, 27186), (44, 27249), (52, 27288), (64, 27420), (70, 27441), (79, 27477), (119, 27630), (Start: 164 @27729 has 214 MA's), (Start: 175 @27750 has 331 MA's), (182, 27762), (Start: 203 @27804 has 2 MA's), (222, 27837), (243, 27867), (254, 27888), (Start: 297 @27972 has 1 MA's), (Start: 313 @27996 has 1 MA's), (331, 28011), (339, 28023), (389, 28134), (440, 28248), (446, 28266), (464, 28305), (474, 28329), (487, 28365), (502, 28392), (521, 28431), (570, 28539), (596, 28587), (603, 28599), (624, 28641), (625, 28644), (630, 28656), (644, 28686),

Gene: Alsfro_14 Start: 6806, Stop: 7774, Start Num: 175

Candidate Starts for Alsfro_14:

(Start: 175 @6806 has 331 MA's), (Start: 191 @6839 has 6 MA's), (Start: 202 @6857 has 32 MA's), (Start: 203 @6860 has 2 MA's), (366, 7127), (389, 7178), (396, 7190), (430, 7265), (455, 7328), (465, 7352), (479, 7391), (487, 7409), (521, 7472), (563, 7553), (570, 7577), (571, 7580), (572, 7583), (581, 7592), (624, 7679), (644, 7724), (663, 7766),

Gene: AltPhacts_49 Start: 41685, Stop: 43040, Start Num: 89

Candidate Starts for AltPhacts_49:

(Start: 89 @41685 has 280 MA's), (Start: 105 @41736 has 11 MA's), (119, 41769), (128, 41787), (185, 41898), (186, 41901), (194, 41916), (249, 42012), (273, 42051), (287, 42081), (300, 42117), (354, 42228), (365, 42258), (367, 42261), (397, 42327), (457, 42486), (477, 42534), (481, 42552), (504, 42600), (566, 42744), (588, 42804), (628, 42909), (671, 42996),

Gene: Altman_11 Start: 6601, Stop: 7569, Start Num: 175

Candidate Starts for Altman_11:

(Start: 175 @6601 has 331 MA's), (Start: 191 @6634 has 6 MA's), (Start: 202 @6652 has 32 MA's), (Start: 203 @6655 has 2 MA's), (366, 6922), (389, 6973), (396, 6985), (430, 7060), (455, 7123), (468, 7156), (474, 7168), (479, 7186), (487, 7204), (500, 7228), (521, 7267), (563, 7348), (570, 7372), (571, 7375), (572, 7378), (581, 7387), (624, 7474), (663, 7561),

Gene: Altwerkus_48 Start: 41391, Stop: 42746, Start Num: 89

Candidate Starts for Altwerkus_48:

(Start: 89 @41391 has 280 MA's), (Start: 105 @41442 has 11 MA's), (119, 41475), (185, 41604), (186, 41607), (194, 41622), (249, 41718), (273, 41757), (287, 41787), (300, 41823), (354, 41934), (365, 41964), (367, 41967), (397, 42033), (457, 42192), (477, 42240), (481, 42258), (504, 42306), (566, 42450), (588, 42510), (628, 42615), (671, 42702),

Gene: Alvin_11 Start: 6274, Stop: 7242, Start Num: 175

Candidate Starts for Alvin_11:

(Start: 175 @6274 has 331 MA's), (Start: 191 @6307 has 6 MA's), (Start: 202 @6325 has 32 MA's), (Start: 203 @6328 has 2 MA's), (366, 6595), (389, 6646), (396, 6658), (430, 6733), (455, 6796), (461, 6808), (468, 6829), (474, 6841), (479, 6859), (487, 6877), (500, 6901), (521, 6940), (563, 7021), (570, 7045), (571, 7048), (572, 7051), (581, 7060), (624, 7147), (644, 7192), (663, 7234),

Gene: Amao_35 Start: 31062, Stop: 31919, Start Num: 209

Candidate Starts for Amao_35:

(Start: 209 @31062 has 127 MA's), (229, 31101), (244, 31131), (255, 31152), (274, 31188), (288, 31218), (327, 31293), (352, 31341), (355, 31344), (365, 31368), (367, 31371), (378, 31386), (443, 31557), (494, 31671), (501, 31686), (504, 31692), (582, 31734), (584, 31737), (612, 31791), (646, 31869), (662, 31902),

Gene: Amataga_253 Start: 143793, Stop: 144821, Start Num: 158

Candidate Starts for Amataga_253:

(Start: 158 @143793 has 220 MA's), (Start: 175 @143823 has 331 MA's), (182, 143835), (Start: 203 @143877 has 2 MA's), (243, 143940), (254, 143961), (Start: 297 @144045 has 1 MA's), (331, 144087), (339, 144099), (346, 144114), (378, 144183), (389, 144210), (414, 144264), (427, 144309), (428, 144312), (460, 144390), (468, 144411), (521, 144522), (565, 144612), (570, 144630), (611, 144702), (625, 144735),

Gene: Amelie_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Amelie_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: AmericanBeauty_37 Start: 31845, Stop: 32702, Start Num: 209

Candidate Starts for AmericanBeauty_37:

(Start: 209 @31845 has 127 MA's), (229, 31884), (244, 31914), (255, 31935), (274, 31971), (288, 32001), (327, 32076), (352, 32124), (355, 32127), (365, 32151), (367, 32154), (378, 32169), (443, 32340), (494, 32454), (501, 32469), (504, 32475), (582, 32517), (584, 32520), (612, 32574), (646, 32652), (662, 32685),

Gene: Amgine_29 Start: 26539, Stop: 27276, Start Num: 227

Candidate Starts for Amgine_29:

(165, 26428), (176, 26449), (196, 26488), (Start: 209 @26509 has 127 MA's), (Start: 227 @26539 has 136 MA's), (Start: 238 @26551 has 1 MA's), (255, 26584), (275, 26620), (300, 26668), (307, 26677), (327, 26713), (332, 26722), (346, 26755), (397, 26863), (407, 26890), (451, 26977), (465, 26995), (476, 27010), (478, 27022), (489, 27043), (499, 27067), (591, 27079), (593, 27088), (596, 27097), (625, 27145), (674, 27256), (675, 27265),

Gene: Aminay_31 Start: 27639, Stop: 28646, Start Num: 164

Candidate Starts for Aminay_31:

(Start: 164 @27639 has 214 MA's), (Start: 203 @27714 has 2 MA's), (210, 27723), (243, 27777), (248, 27789), (254, 27798), (Start: 297 @27879 has 1 MA's), (331, 27921), (339, 27933), (346, 27948), (389, 28044), (450, 28185), (465, 28218), (479, 28257), (500, 28299), (515, 28323), (521, 28338), (581, 28461), (597, 28497), (624, 28548), (628, 28560), (644, 28593), (667, 28641),

Gene: Amochick_33 Start: 28345, Stop: 29580, Start Num: 96

Candidate Starts for Amochick_33:

(Start: 96 @28345 has 92 MA's), (127, 28438), (131, 28450), (141, 28471), (145, 28483), (Start: 151 @28495 has 50 MA's), (153, 28498), (194, 28579), (215, 28612), (249, 28672), (273, 28711), (278, 28720), (279, 28723), (287, 28741), (300, 28777), (327, 28825), (334, 28837), (337, 28843), (359, 28906), (361, 28909), (373, 28936), (381, 28948), (404, 29005), (419, 29050), (461, 29137), (465, 29149), (477, 29176), (483, 29197), (490, 29212), (519, 29266), (541, 29296), (571, 29329), (579, 29338), (584, 29344), (591, 29356), (593, 29365), (625, 29428), (651, 29497), (668, 29524),

Gene: Amohnition_30 Start: 26969, Stop: 27709, Start Num: 227

Candidate Starts for Amohnition_30:

(81, 26624), (165, 26870), (176, 26891), (196, 26924), (Start: 209 @26945 has 127 MA's), (Start: 227 @26969 has 136 MA's), (Start: 238 @26981 has 1 MA's), (251, 27008), (255, 27014), (300, 27098), (307, 27107), (314, 27119), (332, 27152), (397, 27293), (407, 27320), (465, 27428), (478, 27455), (489, 27476), (499, 27500), (591, 27512), (593, 27521), (625, 27578), (630, 27590), (674, 27689),

Gene: Amymech_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Amymech_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Anaya_32 Start: 26479, Stop: 27351, Start Num: 227

Candidate Starts for Anaya_32:

(Start: 209 @26452 has 127 MA's), (Start: 227 @26479 has 136 MA's), (Start: 238 @26491 has 1 MA's), (275, 26560), (288, 26587), (300, 26617), (307, 26626), (327, 26662), (332, 26671), (346, 26704), (352, 26722), (397, 26812), (465, 26947), (478, 26974), (489, 26995), (499, 27019), (539, 27070), (596, 27172), (621, 27208), (630, 27232), (674, 27331), (676, 27340),

Gene: Anderson_49 Start: 41690, Stop: 43045, Start Num: 89

Candidate Starts for Anderson_49:

(Start: 89 @41690 has 280 MA's), (Start: 105 @41741 has 11 MA's), (119, 41774), (185, 41903), (186, 41906), (194, 41921), (249, 42017), (273, 42056), (287, 42086), (300, 42122), (354, 42233), (365, 42263), (367, 42266), (397, 42332), (457, 42491), (477, 42539), (481, 42557), (504, 42605), (566, 42749), (588, 42809), (628, 42914), (671, 43001),

Gene: Andre_50 Start: 41827, Stop: 43182, Start Num: 89

Candidate Starts for Andre_50:

(Start: 89 @41827 has 280 MA's), (Start: 105 @41878 has 11 MA's), (119, 41911), (185, 42040), (186, 42043), (194, 42058), (249, 42154), (273, 42193), (287, 42223), (300, 42259), (354, 42370), (365, 42400), (367, 42403), (397, 42469), (457, 42628), (477, 42676), (481, 42694), (504, 42742), (566, 42886), (588, 42946), (628, 43051), (671, 43138),

Gene: Angel_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Angel_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (285, 25567), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: AngelCake_49 Start: 41712, Stop: 43067, Start Num: 89

Candidate Starts for AngelCake_49:

(Start: 89 @41712 has 280 MA's), (Start: 105 @41763 has 11 MA's), (119, 41796), (185, 41925), (186, 41928), (194, 41943), (249, 42039), (273, 42078), (287, 42108), (300, 42144), (354, 42255), (365, 42285), (367, 42288), (397, 42354), (457, 42513), (477, 42561), (481, 42579), (504, 42627), (566, 42771), (588, 42831), (628, 42936), (671, 43023),

Gene: Angelica_31 Start: 26428, Stop: 27282, Start Num: 227

Candidate Starts for Angelica_31:

(85, 26098), (165, 26326), (Start: 209 @26401 has 127 MA's), (Start: 227 @26428 has 136 MA's), (Start: 238 @26440 has 1 MA's), (275, 26509), (288, 26536), (300, 26566), (307, 26575), (327, 26611),

(332, 26620), (346, 26653), (352, 26671), (367, 26701), (397, 26761), (465, 26896), (478, 26923), (489, 26944), (499, 26968), (539, 27001), (596, 27103), (621, 27139), (630, 27163), (674, 27262), (676, 27271),

Gene: Anglerfish_10 Start: 5635, Stop: 6603, Start Num: 175

Candidate Starts for Anglerfish_10:

(Start: 175 @5635 has 331 MA's), (Start: 191 @5668 has 6 MA's), (Start: 202 @5686 has 32 MA's), (Start: 203 @5689 has 2 MA's), (366, 5956), (389, 6007), (396, 6019), (430, 6094), (455, 6157), (461, 6169), (468, 6190), (474, 6202), (479, 6220), (487, 6238), (500, 6262), (521, 6301), (563, 6382), (570, 6406), (571, 6409), (572, 6412), (581, 6421), (624, 6508), (663, 6595),

Gene: Anma_31 Start: 26394, Stop: 27254, Start Num: 238

Candidate Starts for Anma_31:

(165, 26280), (Start: 209 @26355 has 127 MA's), (Start: 227 @26382 has 136 MA's), (Start: 238 @26394 has 1 MA's), (275, 26463), (288, 26490), (300, 26520), (307, 26529), (327, 26565), (332, 26574), (346, 26607), (352, 26625), (397, 26715), (465, 26850), (478, 26877), (489, 26898), (499, 26922), (539, 26973), (596, 27075), (621, 27111), (630, 27135), (674, 27234), (676, 27243),

Gene: AnnaL29_14 Start: 8319, Stop: 9296, Start Num: 175

Candidate Starts for AnnaL29_14:

(149, 8274), (Start: 175 @8319 has 331 MA's), (Start: 203 @8373 has 2 MA's), (344, 8562), (356, 8598), (362, 8610), (389, 8667), (407, 8703), (430, 8751), (444, 8790), (474, 8859), (479, 8877), (502, 8922), (513, 8940), (540, 8982), (552, 9030), (559, 9057), (565, 9072), (571, 9093), (592, 9129), (593, 9132), (618, 9174), (620, 9183),

Gene: Annihilator_28 Start: 25192, Stop: 26400, Start Num: 96

Candidate Starts for Annihilator_28:

(72, 25099), (Start: 96 @25192 has 92 MA's), (168, 25366), (211, 25438), (273, 25537), (278, 25546), (288, 25570), (293, 25579), (300, 25603), (310, 25624), (327, 25651), (334, 25663), (361, 25735), (381, 25774), (461, 25963), (470, 25987), (477, 26002), (483, 26023), (504, 26068), (506, 26071), (541, 26122),

Gene: Annyong_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Annyong_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (420, 6302), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Anselm_11 Start: 6531, Stop: 7523, Start Num: 175

Candidate Starts for Anselm_11:

(162, 6510), (Start: 175 @6531 has 331 MA's), (Start: 191 @6564 has 6 MA's), (Start: 202 @6582 has 32 MA's), (Start: 203 @6585 has 2 MA's), (222, 6618), (237, 6633), (309, 6753), (331, 6759), (344, 6786), (368, 6846), (389, 6891), (450, 7023), (476, 7062), (497, 7110), (542, 7191), (552, 7233), (580, 7320), (598, 7356), (617, 7380), (631, 7422), (636, 7434), (669, 7509),

Gene: Antonia_48 Start: 41276, Stop: 42631, Start Num: 89

Candidate Starts for Antonia_48:

(Start: 89 @41276 has 280 MA's), (Start: 105 @41327 has 11 MA's), (119, 41360), (185, 41489), (186, 41492), (194, 41507), (249, 41603), (273, 41642), (287, 41672), (300, 41708), (341, 41783), (354, 41819), (365, 41849), (367, 41852), (397, 41918), (457, 42077), (477, 42125), (481, 42143), (504, 42191), (566, 42335), (588, 42395), (628, 42500), (671, 42587),

Gene: Antsirabe_28 Start: 26892, Stop: 28115, Start Num: 96

Candidate Starts for Antsirabe_28:

(Start: 96 @26892 has 92 MA's), (168, 27066), (184, 27096), (211, 27138), (249, 27210), (273, 27249), (293, 27291), (300, 27315), (327, 27363), (341, 27387), (353, 27426), (361, 27447), (381, 27486), (387, 27504), (410, 27564), (461, 27675), (477, 27714), (483, 27735), (506, 27783), (604, 27927), (672, 28077),

Gene: Anubis_14 Start: 5848, Stop: 6813, Start Num: 166

Candidate Starts for Anubis_14:

(Start: 166 @5848 has 96 MA's), (172, 5860), (Start: 191 @5893 has 6 MA's), (Start: 203 @5914 has 2 MA's), (344, 6124), (389, 6229), (439, 6325), (444, 6340), (452, 6358), (472, 6406), (474, 6409), (475, 6412), (479, 6427), (523, 6511), (552, 6568), (571, 6631), (593, 6670), (658, 6802),

Gene: Aonishiki_50 Start: 41733, Stop: 43088, Start Num: 89

Candidate Starts for Aonishiki_50:

(Start: 89 @41733 has 280 MA's), (Start: 105 @41784 has 11 MA's), (119, 41817), (185, 41946), (186, 41949), (194, 41964), (249, 42060), (273, 42099), (287, 42129), (300, 42165), (354, 42276), (365, 42306), (367, 42309), (397, 42375), (457, 42534), (477, 42582), (481, 42600), (504, 42648), (566, 42792), (588, 42852), (628, 42957), (671, 43044),

Gene: Apizium_49 Start: 41591, Stop: 42946, Start Num: 89

Candidate Starts for Apizium_49:

(Start: 89 @41591 has 280 MA's), (Start: 105 @41642 has 11 MA's), (119, 41675), (185, 41804), (186, 41807), (194, 41822), (249, 41918), (273, 41957), (287, 41987), (300, 42023), (354, 42134), (365, 42164), (367, 42167), (397, 42233), (457, 42392), (477, 42440), (481, 42458), (504, 42506), (566, 42650), (588, 42710), (628, 42815), (671, 42902),

Gene: Apocalypse_31 Start: 26431, Stop: 27303, Start Num: 227

Candidate Starts for Apocalypse_31:

(Start: 209 @26404 has 127 MA's), (Start: 227 @26431 has 136 MA's), (Start: 238 @26443 has 1 MA's), (275, 26512), (288, 26539), (300, 26569), (307, 26578), (327, 26614), (332, 26623), (346, 26656), (352, 26674), (397, 26764), (465, 26899), (478, 26926), (489, 26947), (499, 26971), (539, 27022), (596, 27124), (621, 27160), (630, 27184), (674, 27283), (676, 27292),

Gene: Applecrisp_29 Start: 26961, Stop: 27698, Start Num: 227

Candidate Starts for Applecrisp_29:

(165, 26850), (176, 26871), (196, 26910), (Start: 209 @26931 has 127 MA's), (Start: 227 @26961 has 136 MA's), (Start: 238 @26973 has 1 MA's), (255, 27006), (275, 27042), (300, 27090), (307, 27099), (314, 27111), (327, 27135), (346, 27177), (397, 27285), (407, 27312), (451, 27399), (465, 27417), (476, 27432), (478, 27444), (489, 27465), (499, 27489), (591, 27501), (593, 27510), (596, 27519), (625, 27567), (674, 27678), (675, 27687),

Gene: Applejack_10 Start: 6001, Stop: 6969, Start Num: 175

Candidate Starts for Applejack_10:

(Start: 175 @6001 has 331 MA's), (Start: 191 @6034 has 6 MA's), (Start: 202 @6052 has 32 MA's), (Start: 203 @6055 has 2 MA's), (366, 6322), (389, 6373), (396, 6385), (430, 6460), (455, 6523), (468, 6556), (474, 6568), (479, 6586), (487, 6604), (500, 6628), (521, 6667), (563, 6748), (570, 6772), (571, 6775), (572, 6778), (581, 6787), (624, 6874), (663, 6961),

Gene: Appletree2_26 Start: 25490, Stop: 26521, Start Num: 169

Candidate Starts for Appletree2_26:

(Start: 169 @25490 has 29 MA's), (265, 25646), (277, 25670), (284, 25682), (293, 25700), (Start: 297 @25718 has 1 MA's), (304, 25736), (309, 25742), (316, 25751), (322, 25766), (333, 25781), (352,

25829), (362, 25853), (389, 25910), (408, 25949), (441, 26027), (444, 26036), (445, 26039), (452, 26054), (472, 26108), (479, 26129), (485, 26144), (537, 26228), (548, 26258), (571, 26327), (581, 26339), (593, 26363), (599, 26381), (602, 26384), (611, 26396), (613, 26399), (625, 26429), (630, 26441),

Gene: Arcanine_10 Start: 5601, Stop: 6569, Start Num: 175

Candidate Starts for Arcanine_10:

(Start: 175 @5601 has 331 MA's), (Start: 191 @5634 has 6 MA's), (Start: 202 @5652 has 32 MA's), (Start: 203 @5655 has 2 MA's), (366, 5922), (389, 5973), (396, 5985), (430, 6060), (455, 6123), (461, 6135), (468, 6156), (474, 6168), (479, 6186), (487, 6204), (500, 6228), (521, 6267), (563, 6348), (570, 6372), (571, 6375), (572, 6378), (581, 6387), (624, 6474), (663, 6561),

Gene: ArcherNM_13 Start: 8227, Stop: 9204, Start Num: 175

Candidate Starts for ArcherNM_13:

(Start: 175 @8227 has 331 MA's), (Start: 203 @8281 has 2 MA's), (241, 8320), (344, 8470), (356, 8506), (362, 8518), (389, 8575), (407, 8611), (430, 8659), (444, 8698), (474, 8767), (479, 8785), (513, 8848), (540, 8890), (552, 8938), (559, 8965), (565, 8980), (571, 9001), (592, 9037), (618, 9082), (620, 9091), (628, 9115),

Gene: ArcherS7_253 Start: 145538, Stop: 146566, Start Num: 158

Candidate Starts for ArcherS7_253:

(Start: 158 @145538 has 220 MA's), (Start: 175 @145568 has 331 MA's), (182, 145580), (Start: 203 @145622 has 2 MA's), (243, 145685), (254, 145706), (Start: 297 @145790 has 1 MA's), (331, 145832), (339, 145844), (346, 145859), (378, 145928), (389, 145955), (414, 146009), (427, 146054), (428, 146057), (460, 146135), (468, 146156), (521, 146267), (565, 146357), (570, 146375), (611, 146447), (625, 146480),

Gene: Archie_28 Start: 26734, Stop: 27762, Start Num: 169

Candidate Starts for Archie_28:

(Start: 169 @26734 has 29 MA's), (258, 26878), (261, 26884), (318, 26998), (320, 27004), (330, 27022), (362, 27097), (389, 27154), (439, 27265), (441, 27271), (444, 27280), (445, 27283), (452, 27298), (479, 27373), (548, 27502), (557, 27529), (567, 27556), (571, 27571), (581, 27583), (618, 27649), (630, 27685),

Gene: ArcusAngelus_31 Start: 28050, Stop: 29066, Start Num: 164

Candidate Starts for ArcusAngelus_31:

(84, 27819), (85, 27822), (93, 27870), (142, 28005), (144, 28014), (Start: 164 @28050 has 214 MA's), (232, 28182), (243, 28203), (254, 28224), (271, 28254), (278, 28266), (Start: 297 @28308 has 1 MA's), (339, 28359), (389, 28470), (440, 28584), (446, 28602), (464, 28641), (474, 28665), (487, 28701), (502, 28728), (521, 28767), (570, 28875), (596, 28923), (603, 28935), (625, 28980), (630, 28992), (644, 29022),

Gene: Ardmore_30 Start: 27516, Stop: 28514, Start Num: 158

Candidate Starts for Ardmore_30:

(Start: 158 @27516 has 220 MA's), (Start: 203 @27591 has 2 MA's), (243, 27651), (254, 27672), (Start: 297 @27756 has 1 MA's), (339, 27807), (346, 27822), (389, 27918), (439, 28029), (446, 28050), (464, 28089), (468, 28101), (487, 28149), (502, 28176), (516, 28200), (521, 28215), (570, 28323), (596, 28371), (630, 28440), (644, 28470),

Gene: Argent26_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for Argent26_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443,

32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: Arib1_27 Start: 24058, Stop: 25224, Start Num: 110

Candidate Starts for Arib1_27:

(Start: 110 @24058 has 51 MA's), (134, 24115), (178, 24202), (207, 24247), (249, 24322), (264, 24343), (300, 24427), (327, 24466), (354, 24532), (365, 24562), (379, 24583), (397, 24628), (434, 24724), (447, 24763), (461, 24778), (477, 24817), (517, 24904), (524, 24922), (531, 24928), (571, 24976), (588, 24997), (621, 25069), (651, 25144),

Gene: Ariel_48 Start: 38682, Stop: 39686, Start Num: 103

Candidate Starts for Ariel_48:

(Start: 103 @38682 has 9 MA's), (130, 38736), (Start: 158 @38787 has 220 MA's), (196, 38859), (244, 38934), (307, 39048), (314, 39060), (332, 39093), (365, 39162), (374, 39174), (380, 39186), (382, 39189), (401, 39234), (407, 39252), (478, 39414), (486, 39429), (490, 39438), (671, 39639),

Gene: Arlo_9 Start: 5626, Stop: 6594, Start Num: 175

Candidate Starts for Arlo_9:

(Start: 175 @5626 has 331 MA's), (Start: 191 @5659 has 6 MA's), (Start: 202 @5677 has 32 MA's), (Start: 203 @5680 has 2 MA's), (366, 5947), (389, 5998), (396, 6010), (430, 6085), (455, 6148), (461, 6160), (468, 6181), (474, 6193), (479, 6211), (487, 6229), (500, 6253), (521, 6292), (563, 6373), (570, 6397), (571, 6400), (572, 6403), (581, 6412), (624, 6499), (633, 6523), (644, 6544), (663, 6586),

Gene: Aroostook_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Aroostook_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: Arturo_9 Start: 5992, Stop: 6972, Start Num: 177

Candidate Starts for Arturo_9:

(Start: 177 @5992 has 116 MA's), (Start: 179 @5995 has 14 MA's), (190, 6019), (Start: 202 @6040 has 32 MA's), (Start: 203 @6043 has 2 MA's), (362, 6292), (389, 6349), (420, 6412), (432, 6433), (439, 6454), (450, 6481), (469, 6511), (479, 6538), (550, 6688), (598, 6811), (607, 6823), (639, 6889),

Gene: Asayake_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Asayake_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Ashballer_8 Start: 5504, Stop: 6472, Start Num: 175

Candidate Starts for Ashballer_8:

(Start: 175 @5504 has 331 MA's), (Start: 191 @5537 has 6 MA's), (Start: 202 @5555 has 32 MA's), (Start: 203 @5558 has 2 MA's), (366, 5825), (389, 5876), (396, 5888), (430, 5963), (455, 6026), (461, 6038), (468, 6059), (474, 6071), (479, 6089), (487, 6107), (500, 6131), (521, 6170), (563, 6251), (570, 6275), (571, 6278), (572, 6281), (581, 6290), (624, 6377), (663, 6464),

Gene: Ashraf_49 Start: 41392, Stop: 42747, Start Num: 89

Candidate Starts for Ashraf_49:

(Start: 89 @41392 has 280 MA's), (Start: 105 @41443 has 11 MA's), (119, 41476), (185, 41605), (186, 41608), (194, 41623), (249, 41719), (273, 41758), (287, 41788), (300, 41824), (354, 41935), (365, 41965), (367, 41968), (397, 42034), (457, 42193), (477, 42241), (481, 42259), (504, 42307), (566, 42451), (588, 42511), (628, 42616), (671, 42703),

Gene: Ashwin_69 Start: 43903, Stop: 44943, Start Num: 160

Candidate Starts for Ashwin_69:

(Start: 160 @43903 has 30 MA's), (Start: 203 @43978 has 2 MA's), (243, 44059), (246, 44065), (254, 44080), (295, 44161), (Start: 297 @44164 has 1 MA's), (339, 44218), (346, 44233), (389, 44329), (408, 44368), (416, 44398), (427, 44428), (428, 44431), (441, 44464), (468, 44530), (482, 44569), (487, 44578), (502, 44605), (521, 44644), (608, 44818), (630, 44869),

Gene: Asriel_34 Start: 30719, Stop: 31576, Start Num: 209

Candidate Starts for Asriel_34:

(Start: 209 @30719 has 127 MA's), (229, 30758), (244, 30788), (255, 30809), (274, 30845), (288, 30875), (327, 30950), (352, 30998), (355, 31001), (365, 31025), (367, 31028), (378, 31043), (443, 31214), (494, 31328), (501, 31343), (504, 31349), (582, 31391), (584, 31394), (612, 31448), (646, 31526), (662, 31559),

Gene: Asterius_253 Start: 144651, Stop: 145679, Start Num: 158

Candidate Starts for Asterius_253:

(Start: 158 @144651 has 220 MA's), (Start: 175 @144681 has 331 MA's), (182, 144693), (Start: 203 @144735 has 2 MA's), (243, 144798), (254, 144819), (Start: 297 @144903 has 1 MA's), (331, 144945), (339, 144957), (346, 144972), (378, 145041), (389, 145068), (414, 145122), (427, 145167), (428, 145170), (460, 145248), (468, 145269), (521, 145380), (565, 145470), (570, 145488), (611, 145560), (625, 145593),

Gene: Astraea_248 Start: 143846, Stop: 144874, Start Num: 158

Candidate Starts for Astraea_248:

(Start: 158 @143846 has 220 MA's), (Start: 175 @143876 has 331 MA's), (182, 143888), (Start: 203 @143930 has 2 MA's), (243, 143993), (254, 144014), (Start: 297 @144098 has 1 MA's), (331, 144140), (339, 144152), (346, 144167), (378, 144236), (389, 144263), (414, 144317), (427, 144362), (428, 144365), (460, 144443), (468, 144464), (521, 144575), (565, 144665), (570, 144683), (611, 144755), (625, 144788),

Gene: Atcoo_27 Start: 24541, Stop: 25707, Start Num: 110

Candidate Starts for Atcoo_27:

(9, 23575), (13, 23698), (15, 23788), (36, 24055), (43, 24160), (Start: 110 @24541 has 51 MA's), (114, 24550), (132, 24595), (134, 24598), (178, 24685), (207, 24730), (249, 24805), (264, 24826), (273, 24844), (300, 24910), (327, 24949), (354, 25015), (365, 25045), (379, 25066), (397, 25111), (434, 25207), (447, 25246), (461, 25261), (477, 25300), (515, 25384), (517, 25387), (524, 25405), (531, 25411), (571, 25459), (596, 25504), (621, 25552), (651, 25627),

Gene: Athena_48 Start: 42284, Stop: 43348, Start Num: 151

Candidate Starts for Athena_48:

(Start: 151 @42284 has 50 MA's), (184, 42347), (236, 42428), (271, 42494), (279, 42509), (288, 42521), (298, 42548), (343, 42605), (346, 42614), (413, 42761), (419, 42776), (439, 42830), (452, 42863), (467, 42902), (475, 42914), (518, 42995), (533, 43013), (535, 43016), (596, 43172), (649, 43283), (658, 43304), (673, 43337),

Gene: Atiba_31 Start: 26423, Stop: 27295, Start Num: 227

Candidate Starts for Atiba_31:

(Start: 209 @26396 has 127 MA's), (Start: 227 @26423 has 136 MA's), (Start: 238 @26435 has 1 MA's), (275, 26504), (288, 26531), (300, 26561), (307, 26570), (327, 26606), (332, 26615), (346, 26648), (352, 26666), (367, 26696), (395, 26753), (397, 26756), (465, 26891), (478, 26918), (489, 26939), (499, 26963), (539, 27014), (596, 27116), (621, 27152), (630, 27176), (674, 27275), (676, 27284),

Gene: Atkinbua_10 Start: 5646, Stop: 6614, Start Num: 175

Candidate Starts for Atkinbua_10:

(Start: 175 @5646 has 331 MA's), (Start: 191 @5679 has 6 MA's), (Start: 202 @5697 has 32 MA's), (Start: 203 @5700 has 2 MA's), (366, 5967), (389, 6018), (396, 6030), (430, 6105), (468, 6201), (479, 6231), (487, 6249), (500, 6273), (521, 6312), (563, 6393), (570, 6417), (571, 6420), (572, 6423), (581, 6432), (624, 6519), (663, 6606),

Gene: Atlantean_252 Start: 143793, Stop: 144821, Start Num: 158

Candidate Starts for Atlantean_252:

(Start: 158 @143793 has 220 MA's), (Start: 175 @143823 has 331 MA's), (182, 143835), (Start: 203 @143877 has 2 MA's), (243, 143940), (254, 143961), (Start: 297 @144045 has 1 MA's), (331, 144087), (339, 144099), (346, 144114), (378, 144183), (389, 144210), (414, 144264), (427, 144309), (428, 144312), (460, 144390), (468, 144411), (521, 144522), (565, 144612), (570, 144630), (611, 144702), (625, 144735),

Gene: Aubs_32 Start: 27847, Stop: 28848, Start Num: 164

Candidate Starts for Aubs_32:

(Start: 164 @27847 has 214 MA's), (Start: 203 @27922 has 2 MA's), (222, 27955), (243, 27985), (254, 28006), (Start: 297 @28090 has 1 MA's), (339, 28141), (346, 28156), (389, 28252), (439, 28363), (446, 28384), (464, 28423), (468, 28435), (487, 28483), (502, 28510), (516, 28534), (521, 28549), (570, 28657), (596, 28705), (630, 28774), (644, 28804),

Gene: Audrey_47 Start: 41532, Stop: 42596, Start Num: 151

Candidate Starts for Audrey_47:

(Start: 151 @41532 has 50 MA's), (184, 41595), (236, 41676), (271, 41742), (279, 41757), (288, 41769), (298, 41796), (343, 41853), (346, 41862), (413, 42009), (419, 42024), (439, 42078), (452, 42111), (467, 42150), (475, 42162), (518, 42243), (533, 42261), (535, 42264), (596, 42420), (649, 42531), (658, 42552), (673, 42585),

Gene: Audrick_255 Start: 143683, Stop: 144711, Start Num: 158

Candidate Starts for Audrick_255:

(Start: 158 @143683 has 220 MA's), (Start: 175 @143713 has 331 MA's), (182, 143725), (Start: 203 @143767 has 2 MA's), (243, 143830), (254, 143851), (Start: 297 @143935 has 1 MA's), (331, 143977), (339, 143989), (346, 144004), (378, 144073), (389, 144100), (414, 144154), (427, 144199), (428, 144202), (460, 144280), (468, 144301), (521, 144412), (565, 144502), (570, 144520), (611, 144592), (625, 144625),

Gene: AugsMagnumOpus_14 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for AugsMagnumOpus_14:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: AuntGwenStacy_32 Start: 29089, Stop: 30312, Start Num: 96

Candidate Starts for AuntGwenStacy_32:

(Start: 96 @29089 has 92 MA's), (128, 29185), (141, 29209), (153, 29236), (168, 29269), (184, 29299), (249, 29404), (273, 29443), (278, 29452), (288, 29476), (300, 29509), (327, 29557), (334, 29569),

(361, 29641), (387, 29698), (421, 29785), (461, 29872), (465, 29884), (477, 29911), (481, 29929), (483, 29932), (488, 29941), (541, 30031), (614, 30136), (649, 30223), (651, 30232),

Gene: Auspice_38 Start: 31794, Stop: 32765, Start Num: 206

Candidate Starts for Auspice_38:

(Start: 206 @31794 has 15 MA's), (220, 31818), (228, 31833), (295, 31971), (309, 31998), (Start: 326 @32016 has 2 MA's), (333, 32028), (339, 32037), (356, 32082), (362, 32094), (378, 32121), (389, 32148), (396, 32160), (416, 32205), (428, 32232), (440, 32262), (443, 32271), (444, 32274), (485, 32361), (495, 32376), (563, 32529), (564, 32532), (592, 32592), (596, 32604), (599, 32613), (621, 32649), (626, 32664), (642, 32703), (653, 32736),

Gene: Ava3_249 Start: 144253, Stop: 145281, Start Num: 158

Candidate Starts for Ava3_249:

(Start: 158 @144253 has 220 MA's), (Start: 175 @144283 has 331 MA's), (182, 144295), (Start: 203 @144337 has 2 MA's), (243, 144400), (254, 144421), (Start: 297 @144505 has 1 MA's), (331, 144547), (339, 144559), (346, 144574), (378, 144643), (389, 144670), (414, 144724), (427, 144769), (428, 144772), (460, 144850), (468, 144871), (521, 144982), (565, 145072), (570, 145090), (611, 145162), (625, 145195),

Gene: AvadaKedavra_26 Start: 25557, Stop: 26588, Start Num: 169

Candidate Starts for AvadaKedavra_26:

(Start: 169 @25557 has 29 MA's), (263, 25710), (265, 25713), (277, 25737), (284, 25749), (293, 25767), (Start: 297 @25785 has 1 MA's), (304, 25803), (309, 25809), (316, 25818), (333, 25848), (362, 25920), (389, 25977), (408, 26016), (441, 26094), (444, 26103), (445, 26106), (452, 26121), (472, 26175), (479, 26196), (485, 26211), (537, 26295), (548, 26325), (571, 26394), (581, 26406), (593, 26430), (599, 26448), (602, 26451), (611, 26463), (613, 26466), (625, 26496), (630, 26508),

Gene: Avani_36 Start: 26807, Stop: 27880, Start Num: 164

Candidate Starts for Avani_36:

(Start: 164 @26807 has 214 MA's), (Start: 179 @26834 has 14 MA's), (192, 26864), (248, 26957), (254, 26966), (260, 26975), (293, 27032), (316, 27077), (343, 27110), (346, 27119), (366, 27170), (384, 27212), (394, 27236), (399, 27245), (403, 27257), (413, 27287), (422, 27317), (423, 27320), (439, 27377), (440, 27380), (445, 27395), (450, 27407), (454, 27416), (464, 27440), (475, 27464), (518, 27545), (552, 27620), (597, 27731), (621, 27773), (622, 27776), (624, 27782), (630, 27797), (660, 27863),

Gene: AvatarAhPeg_10 Start: 5845, Stop: 6825, Start Num: 177

Candidate Starts for AvatarAhPeg_10:

(Start: 177 @5845 has 116 MA's), (190, 5872), (Start: 191 @5875 has 6 MA's), (Start: 202 @5893 has 32 MA's), (Start: 203 @5896 has 2 MA's), (362, 6145), (389, 6202), (396, 6214), (420, 6265), (432, 6286), (450, 6334), (479, 6391), (550, 6541), (598, 6664), (607, 6676), (639, 6742), (671, 6817),

Gene: Avle17_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Avle17_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Avrafan_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Avrafan_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080),

(541, 26131),

Gene: Awesomesauce_32 Start: 27402, Stop: 28403, Start Num: 164

Candidate Starts for Awesomesauce_32:

(79, 27141), (119, 27303), (Start: 164 @27402 has 214 MA's), (Start: 203 @27477 has 2 MA's), (243, 27540), (254, 27561), (Start: 297 @27645 has 1 MA's), (Start: 313 @27669 has 1 MA's), (331, 27684), (339, 27696), (389, 27807), (440, 27921), (446, 27939), (464, 27978), (474, 28002), (487, 28038), (502, 28065), (521, 28104), (570, 28212), (596, 28260), (603, 28272), (630, 28329), (644, 28359),

Gene: Aziz_43 Start: 32938, Stop: 33918, Start Num: 204

Candidate Starts for Aziz_43:

(Start: 204 @32938 has 7 MA's), (220, 32965), (269, 33061), (284, 33088), (295, 33118), (333, 33175), (339, 33184), (389, 33295), (443, 33418), (444, 33421), (485, 33511), (495, 33526), (563, 33679), (564, 33682), (567, 33691), (570, 33703), (573, 33712), (589, 33733), (596, 33754), (632, 33829),

Gene: Azrael100_51 Start: 38380, Stop: 39345, Start Num: 164

Candidate Starts for Azrael100_51:

(Start: 164 @38380 has 214 MA's), (197, 38443), (244, 38503), (252, 38518), (254, 38521), (262, 38533), (266, 38539), (288, 38575), (290, 38578), (339, 38650), (346, 38665), (348, 38671), (378, 38734), (389, 38764), (406, 38797), (439, 38860), (440, 38863), (455, 38902), (468, 38935), (479, 38962), (482, 38971), (500, 39004), (567, 39139), (571, 39154), (596, 39199), (620, 39241), (630, 39268), (649, 39310),

Gene: AzulaCat_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for AzulaCat_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: B1_08 Start: 5376, Stop: 6116, Start Num: 315

Candidate Starts for B1_08:

(Start: 315 @5376 has 18 MA's), (362, 5463), (389, 5520), (396, 5532), (398, 5535), (408, 5559), (414, 5574), (439, 5622), (441, 5628), (452, 5655), (479, 5724), (518, 5796), (546, 5838), (552, 5865), (559, 5892), (570, 5925), (571, 5928), (593, 5967), (621, 6021), (666, 6108),

Gene: BAKA_53 Start: 42677, Stop: 43549, Start Num: 202

Candidate Starts for BAKA_53:

(Start: 202 @42677 has 32 MA's), (Start: 218 @42704 has 1 MA's), (251, 42764), (278, 42812), (308, 42878), (327, 42899), (342, 42920), (364, 42974), (400, 43055), (522, 43334), (524, 43337), (545, 43361), (579, 43397), (590, 43412), (593, 43424), (601, 43445),

Gene: BEEST_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for BEEST_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: BGlluviae_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for BGlluviae_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: BK1_08 Start: 5593, Stop: 6561, Start Num: 175

Candidate Starts for BK1_08:

(Start: 175 @5593 has 331 MA's), (Start: 191 @5626 has 6 MA's), (Start: 202 @5644 has 32 MA's), (Start: 203 @5647 has 2 MA's), (331, 5836), (366, 5914), (378, 5932), (389, 5965), (396, 5977), (430, 6052), (455, 6115), (465, 6139), (479, 6178), (487, 6196), (521, 6259), (563, 6340), (570, 6364), (571, 6367), (572, 6370), (581, 6379), (624, 6466), (633, 6490), (644, 6511), (663, 6553),

Gene: BPBiebs31_11 Start: 6265, Stop: 7233, Start Num: 175

Candidate Starts for BPBiebs31_11:

(Start: 175 @6265 has 331 MA's), (Start: 191 @6298 has 6 MA's), (Start: 202 @6316 has 32 MA's), (Start: 203 @6319 has 2 MA's), (366, 6586), (389, 6637), (396, 6649), (430, 6724), (455, 6787), (461, 6799), (468, 6820), (479, 6850), (487, 6868), (500, 6892), (521, 6931), (563, 7012), (570, 7036), (571, 7039), (572, 7042), (581, 7051), (624, 7138), (644, 7183), (663, 7225),

Gene: BPs_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for BPs_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: BQuat_28 Start: 25192, Stop: 26400, Start Num: 96

Candidate Starts for BQuat_28:

(72, 25099), (Start: 96 @25192 has 92 MA's), (168, 25366), (211, 25438), (273, 25537), (278, 25546), (288, 25570), (293, 25579), (300, 25603), (310, 25624), (327, 25651), (334, 25663), (361, 25735), (381, 25774), (461, 25963), (470, 25987), (477, 26002), (483, 26023), (504, 26068), (506, 26071), (541, 26122),

Gene: BaboJay_34 Start: 31408, Stop: 32265, Start Num: 209

Candidate Starts for BaboJay_34:

(Start: 209 @31408 has 127 MA's), (229, 31447), (244, 31477), (255, 31498), (274, 31534), (288, 31564), (327, 31639), (352, 31687), (355, 31690), (365, 31714), (367, 31717), (378, 31732), (443, 31903), (494, 32017), (501, 32032), (504, 32038), (582, 32080), (584, 32083), (612, 32137), (646, 32215), (662, 32248),

Gene: Babsiella_27 Start: 24108, Stop: 25286, Start Num: 106

Candidate Starts for Babsiella_27:

(Start: 106 @24108 has 2 MA's), (127, 24150), (178, 24255), (207, 24309), (249, 24384), (264, 24405), (300, 24489), (327, 24528), (354, 24594), (365, 24624), (379, 24645), (397, 24690), (434, 24786), (447, 24825), (461, 24840), (477, 24879), (517, 24966), (524, 24984), (531, 24990), (571, 25038), (588, 25059), (621, 25131), (651, 25206), (674, 25248), (677, 25269), (679, 25275),

Gene: Baby16_10 Start: 5890, Stop: 6870, Start Num: 177

Candidate Starts for Baby16_10:

(Start: 177 @5890 has 116 MA's), (Start: 179 @5893 has 14 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (389, 6247), (432, 6331), (439, 6352), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (594, 6697), (598, 6709), (607, 6721), (639, 6787),

Gene: BabyBack_13 Start: 8108, Stop: 9085, Start Num: 175

Candidate Starts for BabyBack_13:

(Start: 175 @8108 has 331 MA's), (190, 8138), (Start: 202 @8159 has 32 MA's), (Start: 203 @8162 has 2 MA's), (222, 8195), (356, 8399), (362, 8411), (389, 8468), (396, 8480), (448, 8597), (479, 8657), (550, 8804), (607, 8939), (639, 9005),

Gene: BabyJohn_9 Start: 5958, Stop: 6698, Start Num: 315

Candidate Starts for BabyJohn_9:

(183, 5772), (220, 5841), (Start: 315 @5958 has 18 MA's), (362, 6045), (389, 6102), (396, 6114), (398, 6117), (408, 6141), (414, 6156), (430, 6180), (439, 6204), (441, 6210), (452, 6237), (479, 6306), (518, 6378), (546, 6420), (552, 6447), (559, 6474), (570, 6507), (571, 6510), (593, 6549), (666, 6690),

Gene: BabyRay_10 Start: 5972, Stop: 6706, Start Num: 315

Candidate Starts for BabyRay_10:

(Start: 315 @5972 has 18 MA's), (362, 6059), (389, 6116), (396, 6128), (398, 6131), (408, 6155), (414, 6170), (439, 6218), (441, 6224), (452, 6251), (479, 6320), (518, 6392), (546, 6434), (552, 6461), (559, 6488), (570, 6521), (571, 6524), (593, 6563), (653, 6686),

Gene: Babyland_255 Start: 144570, Stop: 145598, Start Num: 158

Candidate Starts for Babyland_255:

(Start: 158 @144570 has 220 MA's), (Start: 175 @144600 has 331 MA's), (182, 144612), (Start: 203 @144654 has 2 MA's), (243, 144717), (254, 144738), (Start: 297 @144822 has 1 MA's), (331, 144864), (339, 144876), (346, 144891), (378, 144960), (389, 144987), (414, 145041), (427, 145086), (428, 145089), (460, 145167), (468, 145188), (521, 145299), (565, 145389), (570, 145407), (611, 145479), (625, 145512),

Gene: BackyardAgain_247 Start: 141943, Stop: 142971, Start Num: 158

Candidate Starts for BackyardAgain_247:

(Start: 158 @141943 has 220 MA's), (Start: 175 @141973 has 331 MA's), (182, 141985), (Start: 203 @142027 has 2 MA's), (243, 142090), (254, 142111), (Start: 297 @142195 has 1 MA's), (331, 142237), (339, 142249), (346, 142264), (378, 142333), (389, 142360), (414, 142414), (427, 142459), (428, 142462), (460, 142540), (468, 142561), (521, 142672), (565, 142762), (570, 142780), (611, 142852), (625, 142885),

Gene: Backyardigan_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for Backyardigan_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (388, 6241), (389, 6247), (396, 6259), (409, 6289), (432, 6331), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: BaconJack_12 Start: 6044, Stop: 7012, Start Num: 175

Candidate Starts for BaconJack_12:

(Start: 175 @6044 has 331 MA's), (Start: 191 @6077 has 6 MA's), (Start: 202 @6095 has 32 MA's), (Start: 203 @6098 has 2 MA's), (366, 6365), (378, 6383), (389, 6416), (396, 6428), (430, 6503), (455, 6566), (468, 6599), (474, 6611), (479, 6629), (487, 6647), (500, 6671), (521, 6710), (563, 6791), (570, 6815), (571, 6818), (572, 6821), (581, 6830), (624, 6917), (663, 7004),

Gene: Bactobuster_12 Start: 8187, Stop: 9173, Start Num: 175

Candidate Starts for Bactobuster_12:

(Start: 175 @8187 has 331 MA's), (190, 8217), (Start: 191 @8220 has 6 MA's), (Start: 203 @8241 has 2 MA's), (293, 8376), (388, 8541), (389, 8547), (427, 8622), (432, 8631), (479, 8742), (512, 8802), (532, 8838), (550, 8892), (556, 8916), (558, 8922), (572, 8967), (607, 9027), (612, 9036),

Gene: BadAgartude_246 Start: 143855, Stop: 144883, Start Num: 158

Candidate Starts for BadAgartude_246:

(Start: 158 @143855 has 220 MA's), (Start: 175 @143885 has 331 MA's), (182, 143897), (Start: 203 @143939 has 2 MA's), (243, 144002), (254, 144023), (Start: 297 @144107 has 1 MA's), (331, 144149), (339, 144161), (346, 144176), (378, 144245), (389, 144272), (414, 144326), (427, 144371), (428, 144374), (460, 144452), (468, 144473), (521, 144584), (565, 144674), (570, 144692), (611, 144764), (625, 144797),

Gene: BadStone_34 Start: 31850, Stop: 32707, Start Num: 209

Candidate Starts for BadStone_34:

(Start: 209 @31850 has 127 MA's), (229, 31889), (244, 31919), (255, 31940), (274, 31976), (288, 32006), (327, 32081), (352, 32129), (355, 32132), (365, 32156), (367, 32159), (378, 32174), (443, 32345), (494, 32459), (501, 32474), (504, 32480), (582, 32522), (584, 32525), (612, 32579), (646, 32657), (662, 32690),

Gene: Badfish_50 Start: 41858, Stop: 43213, Start Num: 89

Candidate Starts for Badfish_50:

(Start: 89 @41858 has 280 MA's), (Start: 105 @41909 has 11 MA's), (119, 41942), (128, 41960), (185, 42071), (186, 42074), (194, 42089), (249, 42185), (273, 42224), (287, 42254), (300, 42290), (354, 42401), (365, 42431), (367, 42434), (397, 42500), (457, 42659), (477, 42707), (481, 42725), (504, 42773), (566, 42917), (588, 42977), (628, 43082), (671, 43169),

Gene: Badger_10 Start: 5879, Stop: 6859, Start Num: 177

Candidate Starts for Badger_10:

(138, 5819), (146, 5837), (Start: 177 @5879 has 116 MA's), (Start: 179 @5882 has 14 MA's), (190, 5906), (Start: 202 @5927 has 32 MA's), (Start: 203 @5930 has 2 MA's), (362, 6179), (388, 6230), (389, 6236), (396, 6248), (409, 6278), (432, 6320), (450, 6368), (469, 6398), (479, 6425), (550, 6575), (598, 6698), (607, 6710), (612, 6719), (639, 6776), (671, 6851),

Gene: Baehexic_12 Start: 6944, Stop: 7921, Start Num: 175

Candidate Starts for Baehexic_12:

(Start: 175 @6944 has 331 MA's), (Start: 203 @6998 has 2 MA's), (250, 7055), (344, 7187), (362, 7235), (389, 7292), (407, 7328), (430, 7376), (444, 7415), (475, 7487), (479, 7502), (502, 7547), (513, 7565), (540, 7607), (552, 7655), (559, 7682), (565, 7697), (570, 7715), (571, 7718), (620, 7808),

Gene: BaghaKamala_31 Start: 26423, Stop: 27295, Start Num: 227

Candidate Starts for BaghaKamala_31:

(85, 26093), (165, 26321), (Start: 209 @26396 has 127 MA's), (Start: 227 @26423 has 136 MA's), (Start: 238 @26435 has 1 MA's), (275, 26504), (288, 26531), (300, 26561), (307, 26570), (327, 26606), (332, 26615), (346, 26648), (352, 26666), (367, 26696), (397, 26756), (465, 26891), (478, 26918), (489, 26939), (499, 26963), (539, 27014), (596, 27116), (621, 27152), (630, 27176), (674, 27275), (676, 27284),

Gene: Bagrid_48 Start: 42037, Stop: 42882, Start Num: 218

Candidate Starts for Bagrid_48:

(Start: 202 @42010 has 32 MA's), (Start: 218 @42037 has 1 MA's), (251, 42097), (278, 42145), (308, 42211), (327, 42232), (342, 42253), (364, 42307), (400, 42388), (522, 42667), (524, 42670), (545, 42694), (579, 42730), (590, 42745), (593, 42757), (601, 42778),

Gene: Balomoji_34 Start: 31584, Stop: 32441, Start Num: 209

Candidate Starts for Balomoji_34:

(Start: 209 @31584 has 127 MA's), (229, 31623), (244, 31653), (255, 31674), (274, 31710), (288, 31740), (327, 31815), (352, 31863), (355, 31866), (365, 31890), (367, 31893), (378, 31908), (443, 32079), (494, 32193), (501, 32208), (504, 32214), (582, 32256), (584, 32259), (612, 32313), (646, 32391), (662, 32424),

Gene: Baloo_47 Start: 41535, Stop: 42599, Start Num: 151

Candidate Starts for Baloo_47:

(Start: 151 @41535 has 50 MA's), (184, 41598), (236, 41679), (271, 41745), (279, 41760), (288, 41772), (298, 41799), (343, 41856), (346, 41865), (413, 42012), (419, 42027), (439, 42081), (452, 42114), (467, 42153), (475, 42165), (518, 42246), (533, 42264), (535, 42267), (596, 42423), (649, 42534), (658, 42555), (673, 42588),

Gene: BananaFence_250 Start: 144475, Stop: 145503, Start Num: 158

Candidate Starts for BananaFence_250:

(Start: 158 @144475 has 220 MA's), (Start: 175 @144505 has 331 MA's), (182, 144517), (Start: 203 @144559 has 2 MA's), (243, 144622), (254, 144643), (Start: 297 @144727 has 1 MA's), (331, 144769), (339, 144781), (346, 144796), (378, 144865), (389, 144892), (414, 144946), (427, 144991), (428, 144994), (460, 145072), (468, 145093), (521, 145204), (565, 145294), (570, 145312), (611, 145384), (625, 145417),

Gene: BananenDer11_30 Start: 27200, Stop: 27949, Start Num: 238

Candidate Starts for BananenDer11_30:

(196, 27140), (Start: 226 @27188 has 29 MA's), (Start: 238 @27200 has 1 MA's), (240, 27203), (242, 27206), (255, 27233), (275, 27269), (302, 27329), (307, 27335), (321, 27365), (327, 27371), (332, 27380), (346, 27413), (364, 27455), (365, 27458), (374, 27470), (390, 27506), (397, 27521), (410, 27557), (465, 27656), (478, 27683), (489, 27704), (596, 27767), (618, 27791), (625, 27815), (651, 27884), (674, 27929), (676, 27938),

Gene: BangNhom_9 Start: 5858, Stop: 6838, Start Num: 177

Candidate Starts for BangNhom_9:

(Start: 177 @5858 has 116 MA's), (190, 5885), (Start: 202 @5906 has 32 MA's), (Start: 203 @5909 has 2 MA's), (362, 6158), (389, 6215), (396, 6227), (420, 6278), (432, 6299), (450, 6347), (479, 6404), (550, 6554), (598, 6677), (607, 6689), (639, 6755),

Gene: Bangla1971_253 Start: 144502, Stop: 145530, Start Num: 158

Candidate Starts for Bangla1971_253:

(Start: 158 @144502 has 220 MA's), (Start: 175 @144532 has 331 MA's), (182, 144544), (Start: 203 @144586 has 2 MA's), (243, 144649), (254, 144670), (Start: 297 @144754 has 1 MA's), (331, 144796), (339, 144808), (346, 144823), (378, 144892), (389, 144919), (414, 144973), (427, 145018), (428, 145021), (460, 145099), (468, 145120), (521, 145231), (565, 145321), (570, 145339), (611, 145411), (625, 145444),

Gene: Banjo_48 Start: 41389, Stop: 42744, Start Num: 89

Candidate Starts for Banjo_48:

(Start: 89 @41389 has 280 MA's), (Start: 105 @41440 has 11 MA's), (119, 41473), (185, 41602), (186, 41605), (194, 41620), (249, 41716), (273, 41755), (287, 41785), (300, 41821), (354, 41932), (365, 41962), (367, 41965), (397, 42031), (457, 42190), (477, 42238), (481, 42256), (504, 42304), (566, 42448), (588, 42508), (628, 42613), (671, 42700),

Gene: Baoshan_27 Start: 26124, Stop: 27095, Start Num: 112

Candidate Starts for Baoshan_27:

(Start: 112 @26124 has 24 MA's), (134, 26178), (192, 26298), (Start: 202 @26313 has 32 MA's), (211, 26328), (219, 26343), (Start: 238 @26376 has 1 MA's), (244, 26388), (255, 26409), (288, 26472), (307,

26499), (319, 26523), (365, 26604), (374, 26616), (385, 26643), (402, 26679), (407, 26694), (412, 26709), (431, 26754), (437, 26769), (478, 26850), (488, 26868), (489, 26871), (491, 26874), (504, 26901), (597, 26925), (625, 26970), (644, 27012), (664, 27054),

Gene: Barbarian_34 Start: 30719, Stop: 31576, Start Num: 209

Candidate Starts for Barbarian_34:

(Start: 209 @30719 has 127 MA's), (229, 30758), (244, 30788), (255, 30809), (274, 30845), (288, 30875), (327, 30950), (352, 30998), (355, 31001), (365, 31025), (367, 31028), (378, 31043), (443, 31214), (494, 31328), (501, 31343), (504, 31349), (582, 31391), (584, 31394), (612, 31448), (646, 31526), (662, 31559),

Gene: Barkley26_28 Start: 25223, Stop: 26431, Start Num: 96

Candidate Starts for Barkley26_28:

(38, 24851), (62, 25079), (72, 25130), (Start: 96 @25223 has 92 MA's), (168, 25397), (211, 25469), (273, 25568), (278, 25577), (285, 25589), (288, 25601), (293, 25610), (300, 25634), (310, 25655), (327, 25682), (334, 25694), (361, 25766), (381, 25805), (461, 25994), (470, 26018), (477, 26033), (483, 26054), (504, 26099), (506, 26102), (541, 26153),

Gene: Barnyard_40 Start: 32393, Stop: 33475, Start Num: 129

Candidate Starts for Barnyard_40:

(Start: 129 @32393 has 3 MA's), (290, 32687), (293, 32693), (Start: 297 @32711 has 1 MA's), (302, 32720), (346, 32783), (358, 32819), (368, 32837), (372, 32843), (421, 32930), (425, 32936), (457, 33032), (484, 33104), (496, 33119), (622, 33359), (628, 33377), (630, 33380), (641, 33395), (647, 33416),

Gene: BarrelRoll_31 Start: 26446, Stop: 27318, Start Num: 227

Candidate Starts for BarrelRoll_31:

(Start: 209 @26419 has 127 MA's), (Start: 227 @26446 has 136 MA's), (Start: 238 @26458 has 1 MA's), (275, 26527), (288, 26554), (300, 26584), (307, 26593), (327, 26629), (332, 26638), (346, 26671), (352, 26689), (367, 26719), (395, 26776), (397, 26779), (465, 26914), (478, 26941), (489, 26962), (499, 26986), (539, 27037), (596, 27139), (621, 27175), (630, 27199), (674, 27298), (676, 27307),

Gene: Barriga_10 Start: 5869, Stop: 6837, Start Num: 175

Candidate Starts for Barriga_10:

(Start: 175 @5869 has 331 MA's), (Start: 191 @5902 has 6 MA's), (Start: 202 @5920 has 32 MA's), (Start: 203 @5923 has 2 MA's), (366, 6190), (389, 6241), (396, 6253), (430, 6328), (455, 6391), (461, 6403), (468, 6424), (479, 6454), (487, 6472), (500, 6496), (521, 6535), (563, 6616), (570, 6640), (571, 6643), (572, 6646), (581, 6655), (624, 6742), (644, 6787), (663, 6829),

Gene: BarrowTuph_9 Start: 5916, Stop: 6884, Start Num: 175

Candidate Starts for BarrowTuph_9:

(Start: 175 @5916 has 331 MA's), (Start: 191 @5949 has 6 MA's), (Start: 202 @5967 has 32 MA's), (Start: 203 @5970 has 2 MA's), (366, 6237), (389, 6288), (396, 6300), (430, 6375), (455, 6438), (468, 6471), (474, 6483), (479, 6501), (487, 6519), (521, 6582), (563, 6663), (570, 6687), (571, 6690), (572, 6693), (581, 6702), (624, 6789), (644, 6834), (663, 6876),

Gene: Bartholomew_26 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for Bartholomew_26:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Bartimeaus_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Bartimeaus_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Basato_50 Start: 41974, Stop: 43329, Start Num: 89

Candidate Starts for Basato_50:

(Start: 89 @41974 has 280 MA's), (Start: 105 @42025 has 11 MA's), (119, 42058), (185, 42187), (186, 42190), (194, 42205), (249, 42301), (273, 42340), (287, 42370), (300, 42406), (354, 42517), (365, 42547), (367, 42550), (397, 42616), (457, 42775), (477, 42823), (481, 42841), (504, 42889), (566, 43033), (588, 43093), (628, 43198), (671, 43285),

Gene: Bask21_35 Start: 31036, Stop: 31893, Start Num: 209

Candidate Starts for Bask21_35:

(Start: 209 @31036 has 127 MA's), (229, 31075), (244, 31105), (255, 31126), (274, 31162), (288, 31192), (327, 31267), (352, 31315), (355, 31318), (365, 31342), (367, 31345), (378, 31360), (443, 31531), (494, 31645), (501, 31660), (504, 31666), (582, 31708), (584, 31711), (612, 31765), (646, 31843), (662, 31876),

Gene: Basquiat_250 Start: 142761, Stop: 143789, Start Num: 158

Candidate Starts for Basquiat_250:

(Start: 158 @142761 has 220 MA's), (Start: 175 @142791 has 331 MA's), (182, 142803), (Start: 203 @142845 has 2 MA's), (243, 142908), (254, 142929), (Start: 297 @143013 has 1 MA's), (331, 143055), (339, 143067), (346, 143082), (378, 143151), (389, 143178), (414, 143232), (427, 143277), (428, 143280), (430, 143283), (460, 143358), (468, 143379), (521, 143490), (565, 143580), (570, 143598), (611, 143670), (625, 143703),

Gene: Batiatus_31 Start: 27509, Stop: 28507, Start Num: 158

Candidate Starts for Batiatus_31:

(Start: 158 @27509 has 220 MA's), (Start: 203 @27584 has 2 MA's), (243, 27644), (254, 27665), (Start: 297 @27749 has 1 MA's), (339, 27800), (346, 27815), (389, 27911), (430, 27998), (439, 28022), (446, 28043), (464, 28082), (468, 28094), (487, 28142), (502, 28169), (516, 28193), (521, 28208), (570, 28316), (596, 28364), (630, 28433), (644, 28463),

Gene: BatteryCK_48 Start: 41332, Stop: 42687, Start Num: 89

Candidate Starts for BatteryCK_48:

(Start: 89 @41332 has 280 MA's), (Start: 105 @41383 has 11 MA's), (119, 41416), (185, 41545), (186, 41548), (194, 41563), (249, 41659), (273, 41698), (287, 41728), (300, 41764), (354, 41875), (365, 41905), (367, 41908), (397, 41974), (457, 42133), (477, 42181), (481, 42199), (504, 42247), (566, 42391), (588, 42451), (628, 42556), (671, 42643),

Gene: Baudelaire_29 Start: 25621, Stop: 26718, Start Num: 99

Candidate Starts for Baudelaire_29:

(Start: 99 @25621 has 2 MA's), (104, 25648), (123, 25693), (148, 25756), (199, 25852), (205, 25861), (Start: 238 @25915 has 1 MA's), (259, 25954), (302, 26035), (307, 26041), (332, 26086), (336, 26092), (360, 26155), (369, 26173), (374, 26179), (377, 26185), (397, 26230), (407, 26257), (466, 26374), (478, 26398), (501, 26449), (514, 26470), (586, 26488), (628, 26575), (635, 26599), (674, 26680), (679, 26707),

Gene: Bazzle_28 Start: 26483, Stop: 27511, Start Num: 169

Candidate Starts for Bazzle_28:

(Start: 169 @26483 has 29 MA's), (258, 26627), (261, 26633), (318, 26747), (320, 26753), (330, 26771), (362, 26846), (389, 26903), (439, 27014), (441, 27020), (444, 27029), (445, 27032), (452, 27047), (479, 27122), (548, 27251), (557, 27278), (567, 27305), (571, 27320), (581, 27332), (618, 27398), (630, 27434),

Gene: Beaglebox_48 Start: 41410, Stop: 42765, Start Num: 89

Candidate Starts for Beaglebox_48:

(Start: 89 @41410 has 280 MA's), (Start: 105 @41461 has 11 MA's), (119, 41494), (185, 41623), (186, 41626), (194, 41641), (249, 41737), (273, 41776), (287, 41806), (300, 41842), (354, 41953), (365, 41983), (367, 41986), (397, 42052), (457, 42211), (477, 42259), (481, 42277), (504, 42325), (566, 42469), (588, 42529), (628, 42634), (671, 42721),

Gene: Beakin_32 Start: 27414, Stop: 28415, Start Num: 164

Candidate Starts for Beakin_32:

(119, 27315), (150, 27387), (Start: 164 @27414 has 214 MA's), (Start: 203 @27489 has 2 MA's), (222, 27522), (243, 27552), (254, 27573), (271, 27603), (Start: 297 @27657 has 1 MA's), (Start: 313 @27681 has 1 MA's), (331, 27696), (339, 27708), (346, 27723), (389, 27819), (440, 27933), (446, 27951), (464, 27990), (474, 28014), (487, 28050), (502, 28077), (521, 28116), (570, 28224), (596, 28272), (603, 28284), (625, 28329), (630, 28341), (644, 28371),

Gene: BeanWater_245 Start: 143638, Stop: 144666, Start Num: 158

Candidate Starts for BeanWater_245:

(Start: 158 @143638 has 220 MA's), (Start: 175 @143668 has 331 MA's), (182, 143680), (Start: 203 @143722 has 2 MA's), (243, 143785), (254, 143806), (Start: 297 @143890 has 1 MA's), (331, 143932), (339, 143944), (346, 143959), (378, 144028), (389, 144055), (414, 144109), (427, 144154), (428, 144157), (460, 144235), (468, 144256), (521, 144367), (565, 144457), (570, 144475), (611, 144547), (625, 144580),

Gene: Beanstalk_35 Start: 27711, Stop: 28712, Start Num: 164

Candidate Starts for Beanstalk_35:

(Start: 164 @27711 has 214 MA's), (Start: 175 @27732 has 331 MA's), (182, 27744), (Start: 203 @27786 has 2 MA's), (254, 27870), (271, 27900), (Start: 297 @27954 has 1 MA's), (Start: 313 @27978 has 1 MA's), (331, 27993), (339, 28005), (389, 28116), (439, 28227), (446, 28248), (464, 28287), (468, 28299), (487, 28347), (502, 28374), (516, 28398), (521, 28413), (570, 28521), (596, 28569), (630, 28638), (644, 28668),

Gene: Beatrix_9 Start: 5686, Stop: 6654, Start Num: 175

Candidate Starts for Beatrix_9:

(Start: 175 @5686 has 331 MA's), (Start: 191 @5719 has 6 MA's), (Start: 202 @5737 has 32 MA's), (Start: 203 @5740 has 2 MA's), (366, 6007), (389, 6058), (396, 6070), (430, 6145), (455, 6208), (468, 6241), (474, 6253), (479, 6271), (487, 6289), (521, 6352), (563, 6433), (570, 6457), (571, 6460), (572, 6463), (581, 6472), (624, 6559), (663, 6646),

Gene: Beauxregard13_12 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for Beauxregard13_12:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Becksu_35 Start: 32041, Stop: 32898, Start Num: 209

Candidate Starts for Becksu_35:

(Start: 209 @32041 has 127 MA's), (229, 32080), (244, 32110), (255, 32131), (274, 32167), (288, 32197), (327, 32272), (352, 32320), (355, 32323), (365, 32347), (367, 32350), (378, 32365), (443,

32536), (488, 32635), (494, 32650), (501, 32665), (504, 32671), (582, 32713), (584, 32716), (612, 32770), (646, 32848), (662, 32881),

Gene: Beem_49 Start: 42576, Stop: 43448, Start Num: 202

Candidate Starts for Beem_49:

(Start: 202 @42576 has 32 MA's), (Start: 218 @42603 has 1 MA's), (251, 42663), (278, 42711), (308, 42777), (327, 42798), (342, 42819), (364, 42873), (400, 42954), (522, 43233), (524, 43236), (545, 43260), (579, 43296), (590, 43311), (593, 43323), (601, 43344),

Gene: BeesKnees_10 Start: 5730, Stop: 6698, Start Num: 175

Candidate Starts for BeesKnees_10:

(Start: 175 @5730 has 331 MA's), (Start: 191 @5763 has 6 MA's), (Start: 202 @5781 has 32 MA's), (Start: 203 @5784 has 2 MA's), (366, 6051), (389, 6102), (396, 6114), (430, 6189), (455, 6252), (461, 6264), (468, 6285), (474, 6297), (479, 6315), (487, 6333), (500, 6357), (521, 6396), (563, 6477), (570, 6501), (571, 6504), (572, 6507), (581, 6516), (624, 6603), (644, 6648), (663, 6690),

Gene: Beezoo_31 Start: 26471, Stop: 27343, Start Num: 227

Candidate Starts for Beezoo_31:

(Start: 209 @26444 has 127 MA's), (Start: 227 @26471 has 136 MA's), (Start: 238 @26483 has 1 MA's), (275, 26552), (288, 26579), (300, 26609), (307, 26618), (327, 26654), (332, 26663), (346, 26696), (352, 26714), (367, 26744), (397, 26804), (465, 26939), (478, 26966), (489, 26987), (499, 27011), (539, 27062), (596, 27164), (621, 27200), (630, 27224), (649, 27272), (674, 27323), (676, 27332),

Gene: Belieber_246 Start: 142888, Stop: 143916, Start Num: 158

Candidate Starts for Belieber_246:

(Start: 158 @142888 has 220 MA's), (Start: 175 @142918 has 331 MA's), (182, 142930), (Start: 203 @142972 has 2 MA's), (243, 143035), (254, 143056), (Start: 297 @143140 has 1 MA's), (331, 143182), (339, 143194), (346, 143209), (378, 143278), (389, 143305), (414, 143359), (427, 143404), (428, 143407), (460, 143485), (468, 143506), (521, 143617), (565, 143707), (570, 143725), (611, 143797), (625, 143830),

Gene: Bella96_31 Start: 26364, Stop: 27236, Start Num: 227

Candidate Starts for Bella96_31:

(Start: 209 @26337 has 127 MA's), (Start: 227 @26364 has 136 MA's), (Start: 238 @26376 has 1 MA's), (275, 26445), (288, 26472), (300, 26502), (307, 26511), (327, 26547), (332, 26556), (346, 26589), (397, 26697), (465, 26832), (478, 26859), (489, 26880), (499, 26904), (596, 27057), (621, 27093), (630, 27117), (674, 27216), (676, 27225),

Gene: Belladonna_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Belladonna_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Bellis_28 Start: 26853, Stop: 27896, Start Num: 111

Candidate Starts for Bellis_28:

(Start: 111 @26853 has 20 MA's), (113, 26859), (126, 26886), (134, 26907), (159, 26958), (200, 27039), (259, 27144), (302, 27225), (307, 27231), (360, 27327), (369, 27345), (374, 27351), (377, 27357), (407, 27429), (436, 27486), (438, 27489), (466, 27546), (501, 27621), (514, 27642), (590, 27666), (594, 27681), (598, 27693), (630, 27750), (674, 27852), (677, 27873),

Gene: BellusTerra_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for BellusTerra_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Ben11_46 Start: 41355, Stop: 42419, Start Num: 151

Candidate Starts for Ben11_46:

(Start: 151 @41355 has 50 MA's), (184, 41418), (236, 41499), (271, 41565), (279, 41580), (288, 41592), (298, 41619), (343, 41676), (346, 41685), (413, 41832), (419, 41847), (439, 41901), (452, 41934), (467, 41973), (475, 41985), (518, 42066), (533, 42084), (535, 42087), (552, 42132), (596, 42243), (649, 42354), (658, 42375), (673, 42408),

Gene: Bench_37 Start: 31718, Stop: 32575, Start Num: 209

Candidate Starts for Bench_37:

(Start: 209 @31718 has 127 MA's), (229, 31757), (244, 31787), (255, 31808), (274, 31844), (288, 31874), (327, 31949), (352, 31997), (355, 32000), (365, 32024), (367, 32027), (378, 32042), (443, 32213), (494, 32327), (501, 32342), (504, 32348), (582, 32390), (584, 32393), (612, 32447), (646, 32525), (662, 32558),

Gene: BengiVuitton_12 Start: 6865, Stop: 7842, Start Num: 175

Candidate Starts for BengiVuitton_12:

(Start: 175 @6865 has 331 MA's), (Start: 203 @6919 has 2 MA's), (344, 7108), (356, 7144), (362, 7156), (389, 7213), (407, 7249), (430, 7297), (444, 7336), (479, 7423), (513, 7486), (540, 7528), (552, 7576), (559, 7603), (565, 7618), (570, 7636), (571, 7639), (593, 7678), (620, 7729), (658, 7828),

Gene: Benvolio_11 Start: 6541, Stop: 7518, Start Num: 175

Candidate Starts for Benvolio_11:

(Start: 175 @6541 has 331 MA's), (Start: 203 @6595 has 2 MA's), (344, 6784), (356, 6820), (362, 6832), (389, 6889), (407, 6925), (430, 6973), (444, 7012), (464, 7060), (472, 7078), (475, 7084), (479, 7099), (502, 7144), (513, 7162), (540, 7204), (552, 7252), (559, 7279), (565, 7294), (570, 7312), (571, 7315), (620, 7405), (658, 7504),

Gene: Bern_31 Start: 26403, Stop: 27275, Start Num: 227

Candidate Starts for Bern_31:

(Start: 209 @26376 has 127 MA's), (Start: 227 @26403 has 136 MA's), (Start: 238 @26415 has 1 MA's), (275, 26484), (288, 26511), (300, 26541), (307, 26550), (327, 26586), (332, 26595), (346, 26628), (352, 26646), (397, 26736), (465, 26871), (478, 26898), (489, 26919), (499, 26943), (539, 26994), (596, 27096), (621, 27132), (630, 27156), (674, 27255), (676, 27264),

Gene: Bernardo_48 Start: 42081, Stop: 43145, Start Num: 151

Candidate Starts for Bernardo_48:

(Start: 151 @42081 has 50 MA's), (184, 42144), (236, 42225), (271, 42291), (279, 42306), (288, 42318), (298, 42345), (343, 42402), (346, 42411), (413, 42558), (419, 42573), (439, 42627), (452, 42660), (467, 42699), (475, 42711), (518, 42792), (533, 42810), (535, 42813), (596, 42969), (649, 43080), (658, 43101), (673, 43134),

Gene: Bethlehem_10 Start: 6272, Stop: 7240, Start Num: 175

Candidate Starts for Bethlehem_10:

(Start: 175 @6272 has 331 MA's), (Start: 191 @6305 has 6 MA's), (Start: 202 @6323 has 32 MA's), (Start: 203 @6326 has 2 MA's), (366, 6593), (389, 6644), (396, 6656), (430, 6731), (468, 6827), (479, 6857), (521, 6938), (563, 7019), (570, 7043), (571, 7046), (572, 7049), (581, 7058), (624, 7145), (663,

7232),

Gene: Bexan_9 Start: 5686, Stop: 6654, Start Num: 175

Candidate Starts for Bexan_9:

(Start: 175 @5686 has 331 MA's), (Start: 191 @5719 has 6 MA's), (Start: 202 @5737 has 32 MA's), (Start: 203 @5740 has 2 MA's), (366, 6007), (389, 6058), (396, 6070), (430, 6145), (455, 6208), (468, 6241), (474, 6253), (479, 6271), (487, 6289), (521, 6352), (563, 6433), (570, 6457), (571, 6460), (572, 6463), (581, 6472), (624, 6559), (663, 6646),

Gene: Bezza_240 Start: 143331, Stop: 144359, Start Num: 158

Candidate Starts for Bezza_240:

(Start: 158 @143331 has 220 MA's), (Start: 175 @143361 has 331 MA's), (182, 143373), (Start: 203 @143415 has 2 MA's), (243, 143478), (254, 143499), (Start: 297 @143583 has 1 MA's), (331, 143625), (339, 143637), (346, 143652), (378, 143721), (389, 143748), (414, 143802), (427, 143847), (428, 143850), (460, 143928), (468, 143949), (521, 144060), (565, 144150), (570, 144168), (611, 144240), (625, 144273),

Gene: Bhagsy_27 Start: 24053, Stop: 25219, Start Num: 110

Candidate Starts for Bhagsy_27:

(13, 23210), (15, 23300), (26, 23471), (36, 23567), (43, 23672), (Start: 110 @24053 has 51 MA's), (114, 24062), (132, 24107), (134, 24110), (178, 24197), (207, 24242), (249, 24317), (264, 24338), (273, 24356), (300, 24422), (327, 24461), (354, 24527), (365, 24557), (379, 24578), (397, 24623), (434, 24719), (447, 24758), (461, 24773), (477, 24812), (517, 24899), (524, 24917), (531, 24923), (571, 24971), (621, 25064), (651, 25139),

Gene: BiancaTri92_13 Start: 8213, Stop: 9196, Start Num: 175

Candidate Starts for BiancaTri92_13:

(Start: 175 @8213 has 331 MA's), (Start: 202 @8264 has 32 MA's), (Start: 203 @8267 has 2 MA's), (389, 8591), (398, 8606), (430, 8675), (439, 8699), (444, 8714), (474, 8783), (479, 8801), (552, 8945), (571, 9008), (593, 9047), (605, 9071), (618, 9089),

Gene: Big3_10 Start: 5629, Stop: 6597, Start Num: 175

Candidate Starts for Big3_10:

(Start: 175 @5629 has 331 MA's), (Start: 191 @5662 has 6 MA's), (Start: 202 @5680 has 32 MA's), (Start: 203 @5683 has 2 MA's), (366, 5950), (389, 6001), (396, 6013), (430, 6088), (455, 6151), (461, 6163), (468, 6184), (474, 6196), (479, 6214), (487, 6232), (500, 6256), (521, 6295), (563, 6376), (570, 6400), (571, 6403), (572, 6406), (581, 6415), (624, 6502), (644, 6547), (663, 6589),

Gene: BigBubba_36 Start: 31621, Stop: 32478, Start Num: 209

Candidate Starts for BigBubba_36:

(Start: 209 @31621 has 127 MA's), (229, 31660), (244, 31690), (255, 31711), (274, 31747), (288, 31777), (327, 31852), (352, 31900), (355, 31903), (365, 31927), (367, 31930), (378, 31945), (443, 32116), (494, 32230), (501, 32245), (504, 32251), (582, 32293), (584, 32296), (612, 32350), (646, 32428), (662, 32461),

Gene: BigCheese_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for BigCheese_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: BigCity_260 Start: 146393, Stop: 147421, Start Num: 158

Candidate Starts for BigCity_260:

(Start: 158 @146393 has 220 MA's), (Start: 175 @146423 has 331 MA's), (182, 146435), (Start: 203 @146477 has 2 MA's), (243, 146540), (254, 146561), (Start: 297 @146645 has 1 MA's), (331, 146687), (339, 146699), (346, 146714), (378, 146783), (389, 146810), (414, 146864), (427, 146909), (428, 146912), (460, 146990), (468, 147011), (521, 147122), (565, 147212), (570, 147230), (611, 147302), (625, 147335),

Gene: BigMau_11 Start: 5731, Stop: 6699, Start Num: 175

Candidate Starts for BigMau_11:

(Start: 175 @5731 has 331 MA's), (Start: 191 @5764 has 6 MA's), (Start: 202 @5782 has 32 MA's), (Start: 203 @5785 has 2 MA's), (366, 6052), (389, 6103), (396, 6115), (430, 6190), (455, 6253), (461, 6265), (468, 6286), (474, 6298), (479, 6316), (487, 6334), (500, 6358), (521, 6397), (563, 6478), (570, 6502), (571, 6505), (572, 6508), (581, 6517), (624, 6604), (663, 6691),

Gene: BigPaolini_11 Start: 6658, Stop: 7626, Start Num: 175

Candidate Starts for BigPaolini_11:

(Start: 175 @6658 has 331 MA's), (Start: 191 @6691 has 6 MA's), (Start: 202 @6709 has 32 MA's), (Start: 203 @6712 has 2 MA's), (366, 6979), (389, 7030), (396, 7042), (430, 7117), (455, 7180), (461, 7192), (468, 7213), (474, 7225), (479, 7243), (487, 7261), (500, 7285), (521, 7324), (563, 7405), (570, 7429), (571, 7432), (572, 7435), (581, 7444), (624, 7531), (663, 7618),

Gene: BigPhil_27 Start: 23733, Stop: 24731, Start Num: 158

Candidate Starts for BigPhil_27:

(Start: 158 @23733 has 220 MA's), (Start: 203 @23808 has 2 MA's), (243, 23868), (254, 23889), (Start: 297 @23973 has 1 MA's), (339, 24024), (346, 24039), (389, 24135), (430, 24222), (439, 24246), (446, 24267), (464, 24306), (468, 24318), (487, 24366), (502, 24393), (516, 24417), (521, 24432), (570, 24540), (596, 24588), (630, 24657), (644, 24687),

Gene: Bigchungi_10 Start: 5736, Stop: 6704, Start Num: 175

Candidate Starts for Bigchungi_10:

(Start: 175 @5736 has 331 MA's), (Start: 191 @5769 has 6 MA's), (Start: 202 @5787 has 32 MA's), (Start: 203 @5790 has 2 MA's), (366, 6057), (389, 6108), (396, 6120), (430, 6195), (455, 6258), (461, 6270), (468, 6291), (474, 6303), (479, 6321), (487, 6339), (500, 6363), (521, 6402), (563, 6483), (570, 6507), (571, 6510), (572, 6513), (581, 6522), (597, 6558), (624, 6609), (644, 6654), (663, 6696),

Gene: Bigflo_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Bigflo_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Bigfoot_9 Start: 5757, Stop: 6725, Start Num: 175

Candidate Starts for Bigfoot_9:

(Start: 175 @5757 has 331 MA's), (Start: 191 @5790 has 6 MA's), (Start: 202 @5808 has 32 MA's), (Start: 203 @5811 has 2 MA's), (366, 6078), (389, 6129), (396, 6141), (430, 6216), (455, 6279), (461, 6291), (468, 6312), (479, 6342), (487, 6360), (500, 6384), (521, 6423), (563, 6504), (570, 6528), (571, 6531), (572, 6534), (581, 6543), (624, 6630), (644, 6675), (663, 6717),

Gene: Biglebops_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Biglebops_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245),

(397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: Bigswole_257 Start: 146304, Stop: 147332, Start Num: 158

Candidate Starts for Bigswole_257:

(Start: 158 @146304 has 220 MA's), (Start: 175 @146334 has 331 MA's), (182, 146346), (Start: 203 @146388 has 2 MA's), (243, 146451), (254, 146472), (Start: 297 @146556 has 1 MA's), (331, 146598), (339, 146610), (346, 146625), (378, 146694), (389, 146721), (414, 146775), (427, 146820), (428, 146823), (460, 146901), (468, 146922), (521, 147033), (565, 147123), (570, 147141), (611, 147213), (625, 147246),

Gene: BilboSwaggins_35 Start: 31858, Stop: 32715, Start Num: 209

Candidate Starts for BilboSwaggins_35:

(Start: 209 @31858 has 127 MA's), (229, 31897), (244, 31927), (255, 31948), (274, 31984), (288, 32014), (327, 32089), (352, 32137), (355, 32140), (365, 32164), (367, 32167), (378, 32182), (443, 32353), (488, 32452), (494, 32467), (501, 32482), (504, 32488), (582, 32530), (584, 32533), (612, 32587), (646, 32665), (662, 32698),

Gene: BillKnuckles_11 Start: 6674, Stop: 7642, Start Num: 175

Candidate Starts for BillKnuckles_11:

(Start: 175 @6674 has 331 MA's), (Start: 191 @6707 has 6 MA's), (Start: 202 @6725 has 32 MA's), (Start: 203 @6728 has 2 MA's), (366, 6995), (389, 7046), (396, 7058), (430, 7133), (455, 7196), (461, 7208), (468, 7229), (474, 7241), (479, 7259), (487, 7277), (500, 7301), (521, 7340), (563, 7421), (570, 7445), (571, 7448), (572, 7451), (581, 7460), (618, 7526), (624, 7547), (663, 7634),

Gene: Bipolar_28 Start: 26593, Stop: 27594, Start Num: 164

Candidate Starts for Bipolar_28:

(Start: 164 @26593 has 214 MA's), (Start: 203 @26668 has 2 MA's), (222, 26701), (243, 26731), (254, 26752), (Start: 297 @26836 has 1 MA's), (Start: 313 @26860 has 1 MA's), (331, 26875), (339, 26887), (389, 26998), (439, 27109), (446, 27130), (464, 27169), (474, 27193), (487, 27229), (502, 27256), (516, 27280), (521, 27295), (570, 27403), (596, 27451), (630, 27520), (644, 27550),

Gene: Bipolarisk_250 Start: 144521, Stop: 145549, Start Num: 158

Candidate Starts for Bipolarisk_250:

(Start: 158 @144521 has 220 MA's), (Start: 175 @144551 has 331 MA's), (182, 144563), (Start: 203 @144605 has 2 MA's), (243, 144668), (254, 144689), (Start: 297 @144773 has 1 MA's), (331, 144815), (339, 144827), (346, 144842), (378, 144911), (389, 144938), (414, 144992), (427, 145037), (428, 145040), (460, 145118), (468, 145139), (521, 145250), (565, 145340), (570, 145358), (611, 145430), (625, 145463),

Gene: Bircsak_10 Start: 6218, Stop: 7186, Start Num: 175

Candidate Starts for Bircsak_10:

(Start: 175 @6218 has 331 MA's), (Start: 191 @6251 has 6 MA's), (Start: 202 @6269 has 32 MA's), (Start: 203 @6272 has 2 MA's), (366, 6539), (389, 6590), (396, 6602), (430, 6677), (455, 6740), (468, 6773), (474, 6785), (479, 6803), (487, 6821), (500, 6845), (521, 6884), (563, 6965), (570, 6989), (571, 6992), (572, 6995), (581, 7004), (624, 7091), (663, 7178),

Gene: BirdsNest_51 Start: 41335, Stop: 42336, Start Num: 177

Candidate Starts for BirdsNest_51:

(Start: 177 @41335 has 116 MA's), (190, 41362), (Start: 203 @41386 has 2 MA's), (388, 41692), (389, 41698), (407, 41734), (420, 41761), (479, 41893), (495, 41923), (512, 41953), (532, 41989), (550, 42043), (556, 42067), (558, 42073), (569, 42109), (668, 42310),

Gene: Bishoperium_48 Start: 41404, Stop: 42759, Start Num: 89

Candidate Starts for Bishoperium_48:

(Start: 89 @41404 has 280 MA's), (Start: 105 @41455 has 11 MA's), (119, 41488), (185, 41617), (186, 41620), (194, 41635), (249, 41731), (273, 41770), (287, 41800), (300, 41836), (354, 41947), (365, 41977), (367, 41980), (397, 42046), (457, 42205), (477, 42253), (481, 42271), (504, 42319), (566, 42463), (588, 42523), (628, 42628), (671, 42715),

Gene: BlackStallion_50 Start: 41843, Stop: 43219, Start Num: 89

Candidate Starts for BlackStallion_50:

(Start: 89 @41843 has 280 MA's), (Start: 105 @41894 has 11 MA's), (119, 41927), (185, 42056), (186, 42059), (194, 42074), (249, 42170), (273, 42209), (287, 42239), (300, 42275), (354, 42386), (365, 42416), (367, 42419), (397, 42485), (457, 42644), (477, 42692), (481, 42710), (504, 42758), (566, 42923), (588, 42983), (628, 43088), (671, 43175),

Gene: Blackbrain_251 Start: 144538, Stop: 145566, Start Num: 158

Candidate Starts for Blackbrain_251:

(Start: 158 @144538 has 220 MA's), (Start: 175 @144568 has 331 MA's), (182, 144580), (Start: 203 @144622 has 2 MA's), (243, 144685), (254, 144706), (Start: 297 @144790 has 1 MA's), (331, 144832), (339, 144844), (346, 144859), (378, 144928), (389, 144955), (414, 145009), (427, 145054), (428, 145057), (460, 145135), (468, 145156), (521, 145267), (565, 145357), (570, 145375), (611, 145447), (625, 145480),

Gene: Blackdragon_247 Start: 144086, Stop: 145114, Start Num: 158

Candidate Starts for Blackdragon_247:

(Start: 158 @144086 has 220 MA's), (Start: 175 @144116 has 331 MA's), (Start: 203 @144170 has 2 MA's), (243, 144233), (254, 144254), (Start: 297 @144338 has 1 MA's), (331, 144380), (339, 144392), (346, 144407), (378, 144476), (389, 144503), (414, 144557), (427, 144602), (428, 144605), (460, 144683), (468, 144704), (521, 144815), (565, 144905), (570, 144923), (611, 144995), (625, 145028),

Gene: Blackflame_10 Start: 5745, Stop: 6713, Start Num: 175

Candidate Starts for Blackflame_10:

(Start: 175 @5745 has 331 MA's), (Start: 191 @5778 has 6 MA's), (Start: 202 @5796 has 32 MA's), (Start: 203 @5799 has 2 MA's), (366, 6066), (389, 6117), (396, 6129), (430, 6204), (455, 6267), (461, 6279), (468, 6300), (474, 6312), (479, 6330), (487, 6348), (500, 6372), (521, 6411), (563, 6492), (570, 6516), (571, 6519), (572, 6522), (581, 6531), (597, 6567), (624, 6618), (663, 6705),

Gene: Blackmoor_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Blackmoor_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: BlacksBerry_48 Start: 41425, Stop: 42780, Start Num: 89

Candidate Starts for BlacksBerry_48:

(Start: 89 @41425 has 280 MA's), (Start: 105 @41476 has 11 MA's), (119, 41509), (185, 41638), (186, 41641), (194, 41656), (249, 41752), (273, 41791), (287, 41821), (300, 41857), (354, 41968), (365, 41998), (367, 42001), (397, 42067), (457, 42226), (477, 42274), (481, 42292), (504, 42340), (566, 42484), (588, 42544), (628, 42649), (671, 42736),

Gene: Blarby_39 Start: 27985, Stop: 28986, Start Num: 164

Candidate Starts for Blarby_39:

(Start: 164 @27985 has 214 MA's), (Start: 175 @28006 has 331 MA's), (182, 28018), (Start: 203 @28060 has 2 MA's), (243, 28123), (254, 28144), (271, 28174), (278, 28186), (Start: 297 @28228 has

1 MA's), (Start: 313 @28252 has 1 MA's), (331, 28267), (339, 28279), (389, 28390), (440, 28504), (446, 28522), (464, 28561), (474, 28585), (487, 28621), (502, 28648), (516, 28672), (521, 28687), (570, 28795), (596, 28843), (630, 28912), (644, 28942),

Gene: Blesser_10 Start: 6322, Stop: 7290, Start Num: 175

Candidate Starts for Blesser_10:

(Start: 175 @6322 has 331 MA's), (Start: 191 @6355 has 6 MA's), (Start: 202 @6373 has 32 MA's), (Start: 203 @6376 has 2 MA's), (366, 6643), (389, 6694), (396, 6706), (444, 6820), (464, 6865), (468, 6877), (474, 6889), (479, 6907), (521, 6988), (563, 7069), (570, 7093), (571, 7096), (572, 7099), (581, 7108), (624, 7195), (644, 7240), (663, 7282),

Gene: Blessica_68 Start: 43732, Stop: 44772, Start Num: 160

Candidate Starts for Blessica_68:

(Start: 160 @43732 has 30 MA's), (Start: 203 @43807 has 2 MA's), (243, 43888), (246, 43894), (254, 43909), (295, 43990), (Start: 297 @43993 has 1 MA's), (339, 44047), (346, 44062), (389, 44158), (408, 44197), (416, 44227), (427, 44257), (428, 44260), (441, 44293), (468, 44359), (487, 44407), (502, 44434), (521, 44473), (608, 44647), (630, 44698),

Gene: Blexus_31 Start: 27836, Stop: 28837, Start Num: 164

Candidate Starts for Blexus_31:

(150, 27809), (Start: 164 @27836 has 214 MA's), (Start: 203 @27911 has 2 MA's), (222, 27944), (243, 27974), (254, 27995), (271, 28025), (278, 28037), (Start: 297 @28079 has 1 MA's), (339, 28130), (346, 28145), (389, 28241), (439, 28352), (446, 28373), (464, 28412), (468, 28424), (487, 28472), (502, 28499), (516, 28523), (521, 28538), (570, 28646), (596, 28694), (630, 28763), (644, 28793),

Gene: Blizzard_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Blizzard_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: BloominB_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for BloominB_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: BluSpix_10 Start: 6017, Stop: 6985, Start Num: 175

Candidate Starts for BluSpix_10:

(Start: 175 @6017 has 331 MA's), (Start: 191 @6050 has 6 MA's), (Start: 202 @6068 has 32 MA's), (Start: 203 @6071 has 2 MA's), (366, 6338), (389, 6389), (396, 6401), (430, 6476), (455, 6539), (461, 6551), (468, 6572), (474, 6584), (479, 6602), (487, 6620), (521, 6683), (563, 6764), (570, 6788), (571, 6791), (572, 6794), (581, 6803), (624, 6890), (644, 6935), (663, 6977),

Gene: Blubba_239 Start: 147265, Stop: 148299, Start Num: 158

Candidate Starts for Blubba_239:

(Start: 158 @147265 has 220 MA's), (Start: 175 @147295 has 331 MA's), (Start: 203 @147349 has 2 MA's), (243, 147412), (254, 147433), (Start: 297 @147517 has 1 MA's), (331, 147559), (339, 147571),

(346, 147586), (378, 147655), (389, 147682), (414, 147736), (427, 147781), (428, 147784), (460, 147862), (468, 147883), (521, 147994), (565, 148084), (570, 148102), (611, 148174), (625, 148207), (665, 148294),

Gene: Blue_10 Start: 6124, Stop: 7092, Start Num: 175

Candidate Starts for Blue_10:

(Start: 175 @6124 has 331 MA's), (Start: 191 @6157 has 6 MA's), (Start: 202 @6175 has 32 MA's), (Start: 203 @6178 has 2 MA's), (366, 6445), (389, 6496), (396, 6508), (430, 6583), (468, 6679), (474, 6691), (479, 6709), (487, 6727), (500, 6751), (521, 6790), (563, 6871), (570, 6895), (571, 6898), (572, 6901), (581, 6910), (624, 6997), (663, 7084),

Gene: BlueBird_11 Start: 5739, Stop: 6479, Start Num: 315

Candidate Starts for BlueBird_11:

(220, 5622), (Start: 315 @5739 has 18 MA's), (362, 5826), (389, 5883), (396, 5895), (398, 5898), (408, 5922), (414, 5937), (427, 5955), (439, 5985), (441, 5991), (444, 6000), (452, 6018), (474, 6069), (479, 6087), (518, 6159), (546, 6201), (552, 6228), (559, 6255), (570, 6288), (571, 6291), (593, 6330), (666, 6471),

Gene: BlueCrab_31 Start: 27687, Stop: 28688, Start Num: 164

Candidate Starts for BlueCrab_31:

(119, 27588), (Start: 164 @27687 has 214 MA's), (Start: 175 @27708 has 331 MA's), (182, 27720), (Start: 203 @27762 has 2 MA's), (243, 27825), (254, 27846), (Start: 297 @27930 has 1 MA's), (Start: 313 @27954 has 1 MA's), (331, 27969), (339, 27981), (389, 28092), (440, 28206), (446, 28224), (464, 28263), (474, 28287), (487, 28323), (502, 28350), (521, 28389), (552, 28437), (570, 28497), (596, 28545), (603, 28557), (625, 28602), (630, 28614),

Gene: BlueHusk_49 Start: 41210, Stop: 42565, Start Num: 89

Candidate Starts for BlueHusk_49:

(Start: 89 @41210 has 280 MA's), (Start: 105 @41261 has 11 MA's), (119, 41294), (128, 41312), (185, 41423), (186, 41426), (194, 41441), (249, 41537), (273, 41576), (287, 41606), (300, 41642), (354, 41753), (365, 41783), (367, 41786), (397, 41852), (457, 42011), (477, 42059), (481, 42077), (504, 42125), (566, 42269), (588, 42329), (628, 42434), (671, 42521),

Gene: Bluephacebaby_48 Start: 41407, Stop: 42762, Start Num: 89

Candidate Starts for Bluephacebaby_48:

(Start: 89 @41407 has 280 MA's), (Start: 105 @41458 has 11 MA's), (119, 41491), (185, 41620), (186, 41623), (194, 41638), (249, 41734), (273, 41773), (287, 41803), (300, 41839), (354, 41950), (365, 41980), (367, 41983), (397, 42049), (457, 42208), (477, 42256), (481, 42274), (504, 42322), (566, 42466), (588, 42526), (628, 42631), (671, 42718),

Gene: Bluvara_28 Start: 24450, Stop: 25616, Start Num: 110

Candidate Starts for Bluvara_28:

(15, 23706), (43, 24078), (Start: 110 @24450 has 51 MA's), (134, 24507), (178, 24594), (207, 24639), (214, 24651), (249, 24714), (264, 24735), (300, 24819), (327, 24858), (354, 24924), (365, 24954), (379, 24975), (397, 25020), (434, 25116), (447, 25155), (461, 25170), (477, 25209), (517, 25296), (524, 25314), (531, 25320), (547, 25344), (582, 25380), (621, 25461), (651, 25536), (674, 25578), (677, 25599), (679, 25605),

Gene: Bob3_9 Start: 5573, Stop: 6541, Start Num: 175

Candidate Starts for Bob3_9:

(Start: 175 @5573 has 331 MA's), (Start: 191 @5606 has 6 MA's), (Start: 202 @5624 has 32 MA's), (Start: 203 @5627 has 2 MA's), (366, 5894), (389, 5945), (396, 5957), (430, 6032), (455, 6095), (461, 6107), (468, 6128), (474, 6140), (479, 6158), (487, 6176), (500, 6200), (521, 6239), (563, 6320), (570,

6344), (571, 6347), (572, 6350), (581, 6359), (624, 6446), (663, 6533),

Gene: BobSwaget_14 Start: 8111, Stop: 9097, Start Num: 175

Candidate Starts for BobSwaget_14:

(Start: 175 @8111 has 331 MA's), (190, 8141), (Start: 202 @8162 has 32 MA's), (Start: 203 @8165 has 2 MA's), (222, 8198), (362, 8414), (388, 8465), (389, 8471), (396, 8483), (406, 8504), (450, 8594), (479, 8660), (550, 8810), (555, 8831), (607, 8945), (639, 9017),

Gene: BobaPhatt_245 Start: 143656, Stop: 144684, Start Num: 158

Candidate Starts for BobaPhatt_245:

(Start: 158 @143656 has 220 MA's), (Start: 175 @143686 has 331 MA's), (182, 143698), (Start: 203 @143740 has 2 MA's), (243, 143803), (254, 143824), (Start: 297 @143908 has 1 MA's), (331, 143950), (339, 143962), (346, 143977), (378, 144046), (389, 144073), (414, 144127), (427, 144172), (428, 144175), (460, 144253), (468, 144274), (521, 144385), (565, 144475), (570, 144493), (611, 144565), (625, 144598),

Gene: BobaPhett_31 Start: 27708, Stop: 28709, Start Num: 164

Candidate Starts for BobaPhett_31:

(Start: 164 @27708 has 214 MA's), (Start: 203 @27783 has 2 MA's), (243, 27846), (254, 27867), (Start: 297 @27951 has 1 MA's), (Start: 313 @27975 has 1 MA's), (331, 27990), (339, 28002), (389, 28113), (440, 28227), (446, 28245), (464, 28284), (474, 28308), (487, 28344), (521, 28410), (570, 28518), (596, 28566), (603, 28578), (625, 28623), (630, 28635), (644, 28665),

Gene: Bobby_48 Start: 41009, Stop: 42013, Start Num: 103

Candidate Starts for Bobby_48:

(Start: 103 @41009 has 9 MA's), (130, 41063), (Start: 158 @41114 has 220 MA's), (193, 41183), (196, 41186), (221, 41228), (300, 41366), (307, 41375), (332, 41420), (365, 41489), (380, 41513), (382, 41516), (401, 41561), (407, 41579), (478, 41741), (486, 41756), (490, 41765), (671, 41966),

Gene: Bobi_33 Start: 28223, Stop: 29221, Start Num: 158

Candidate Starts for Bobi_33:

(Start: 158 @28223 has 220 MA's), (Start: 203 @28298 has 2 MA's), (243, 28358), (254, 28379), (Start: 297 @28463 has 1 MA's), (339, 28514), (346, 28529), (389, 28625), (439, 28736), (446, 28757), (464, 28796), (468, 28808), (487, 28856), (502, 28883), (516, 28907), (521, 28922), (570, 29030), (596, 29078), (630, 29147), (644, 29177),

Gene: Bobquesha_33 Start: 27381, Stop: 28172, Start Num: 213

Candidate Starts for Bobquesha_33:

(157, 27276), (165, 27294), (180, 27321), (189, 27342), (Start: 213 @27381 has 23 MA's), (Start: 238 @27414 has 1 MA's), (255, 27447), (286, 27501), (300, 27540), (307, 27549), (327, 27585), (332, 27594), (418, 27777), (465, 27873), (478, 27900), (489, 27921), (495, 27936), (499, 27945), (594, 27969), (625, 28023), (630, 28035), (659, 28107), (671, 28128),

Gene: BobsGarage_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for BobsGarage_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: BodEinwohner17_31 Start: 27906, Stop: 28907, Start Num: 164

Candidate Starts for BodEinwohner17_31:

(Start: 164 @27906 has 214 MA's), (Start: 203 @27981 has 2 MA's), (222, 28014), (243, 28044), (254, 28065), (271, 28095), (278, 28107), (Start: 297 @28149 has 1 MA's), (Start: 313 @28173 has 1 MA's), (331, 28188), (339, 28200), (389, 28311), (440, 28425), (446, 28443), (464, 28482), (468, 28494), (487, 28542), (502, 28569), (516, 28593), (521, 28608), (570, 28716), (596, 28764), (630, 28833), (644, 28863),

Gene: Boehler_49 Start: 41713, Stop: 43068, Start Num: 89

Candidate Starts for Boehler_49:

(Start: 89 @41713 has 280 MA's), (Start: 105 @41764 has 11 MA's), (119, 41797), (185, 41926), (186, 41929), (194, 41944), (249, 42040), (273, 42079), (287, 42109), (300, 42145), (354, 42256), (365, 42286), (367, 42289), (397, 42355), (457, 42514), (477, 42562), (481, 42580), (504, 42628), (566, 42772), (588, 42832), (628, 42937), (671, 43024),

Gene: Bogg_35 Start: 30758, Stop: 31615, Start Num: 209

Candidate Starts for Bogg_35:

(Start: 209 @30758 has 127 MA's), (229, 30797), (244, 30827), (255, 30848), (274, 30884), (288, 30914), (327, 30989), (352, 31037), (355, 31040), (365, 31064), (367, 31067), (378, 31082), (443, 31253), (488, 31352), (494, 31367), (501, 31382), (504, 31388), (582, 31430), (584, 31433), (612, 31487), (646, 31565), (662, 31598),

Gene: Bogie_29 Start: 25888, Stop: 27054, Start Num: 110

Candidate Starts for Bogie_29:

(29, 25354), (36, 25402), (43, 25507), (Start: 110 @25888 has 51 MA's), (114, 25897), (132, 25942), (134, 25945), (178, 26032), (207, 26077), (249, 26152), (264, 26173), (273, 26191), (300, 26257), (327, 26296), (334, 26308), (354, 26362), (365, 26392), (379, 26413), (397, 26458), (434, 26554), (447, 26593), (461, 26608), (465, 26620), (477, 26647), (517, 26734), (524, 26752), (531, 26758), (571, 26806), (596, 26851), (621, 26899), (651, 26974),

Gene: Boiiii_31 Start: 26496, Stop: 27368, Start Num: 227

Candidate Starts for Boiiii_31:

(85, 26166), (165, 26394), (Start: 209 @26469 has 127 MA's), (Start: 227 @26496 has 136 MA's), (Start: 238 @26508 has 1 MA's), (275, 26577), (288, 26604), (300, 26634), (307, 26643), (327, 26679), (332, 26688), (346, 26721), (352, 26739), (367, 26769), (397, 26829), (465, 26964), (478, 26991), (489, 27012), (499, 27036), (539, 27087), (596, 27189), (621, 27225), (630, 27249), (674, 27348), (676, 27357),

Gene: Boilgate_28 Start: 28389, Stop: 29168, Start Num: 213

Candidate Starts for Boilgate_28:

(180, 28332), (Start: 213 @28389 has 23 MA's), (Start: 238 @28422 has 1 MA's), (255, 28455), (286, 28509), (288, 28518), (307, 28545), (327, 28581), (332, 28590), (371, 28662), (465, 28869), (478, 28896), (489, 28917), (501, 28944), (592, 28962), (625, 29019), (630, 29031), (638, 29055),

Gene: Bombitas_46 Start: 42161, Stop: 43027, Start Num: 202

Candidate Starts for Bombitas_46:

(Start: 202 @42161 has 32 MA's), (Start: 218 @42188 has 1 MA's), (230, 42209), (278, 42296), (288, 42317), (308, 42362), (327, 42383), (342, 42404), (364, 42458), (387, 42509), (407, 42560), (473, 42710), (489, 42752), (517, 42803), (524, 42821), (584, 42887), (591, 42899), (593, 42908), (602, 42938), (633, 43001),

Gene: Bombshell_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Bombshell_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439,

6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Bones_10 Start: 5768, Stop: 6736, Start Num: 175

Candidate Starts for Bones_10:

(Start: 175 @5768 has 331 MA's), (Start: 191 @5801 has 6 MA's), (Start: 202 @5819 has 32 MA's), (Start: 203 @5822 has 2 MA's), (366, 6089), (389, 6140), (396, 6152), (430, 6227), (455, 6290), (461, 6302), (468, 6323), (474, 6335), (479, 6353), (487, 6371), (500, 6395), (521, 6434), (563, 6515), (570, 6539), (571, 6542), (572, 6545), (581, 6554), (624, 6641), (663, 6728),

Gene: Bongo_38 Start: 31794, Stop: 32765, Start Num: 206

Candidate Starts for Bongo_38:

(Start: 206 @31794 has 15 MA's), (220, 31818), (228, 31833), (295, 31971), (309, 31998), (Start: 326 @32016 has 2 MA's), (333, 32028), (339, 32037), (356, 32082), (362, 32094), (378, 32121), (389, 32148), (396, 32160), (416, 32205), (428, 32232), (440, 32262), (443, 32271), (444, 32274), (485, 32361), (495, 32376), (563, 32529), (564, 32532), (592, 32592), (596, 32604), (599, 32613), (621, 32649), (626, 32664), (642, 32703), (653, 32736),

Gene: Bonray_255 Start: 146338, Stop: 147366, Start Num: 158

Candidate Starts for Bonray_255:

(Start: 158 @146338 has 220 MA's), (Start: 175 @146368 has 331 MA's), (182, 146380), (Start: 203 @146422 has 2 MA's), (243, 146485), (254, 146506), (Start: 297 @146590 has 1 MA's), (331, 146632), (339, 146644), (346, 146659), (378, 146728), (389, 146755), (414, 146809), (427, 146854), (428, 146857), (460, 146935), (468, 146956), (521, 147067), (565, 147157), (570, 147175), (611, 147247), (625, 147280),

Gene: BoogieWoogie_48 Start: 41394, Stop: 42749, Start Num: 89

Candidate Starts for BoogieWoogie_48:

(Start: 89 @41394 has 280 MA's), (Start: 105 @41445 has 11 MA's), (119, 41478), (185, 41607), (186, 41610), (194, 41625), (249, 41721), (273, 41760), (287, 41790), (300, 41826), (354, 41937), (365, 41967), (367, 41970), (397, 42036), (457, 42195), (477, 42243), (481, 42261), (504, 42309), (566, 42453), (588, 42513), (628, 42618), (671, 42705),

Gene: Boomer_33 Start: 27576, Stop: 28577, Start Num: 164

Candidate Starts for Boomer_33:

(Start: 164 @27576 has 214 MA's), (Start: 203 @27651 has 2 MA's), (222, 27684), (243, 27714), (254, 27735), (271, 27765), (278, 27777), (Start: 297 @27819 has 1 MA's), (Start: 313 @27843 has 1 MA's), (331, 27858), (339, 27870), (389, 27981), (440, 28095), (446, 28113), (464, 28152), (474, 28176), (487, 28212), (502, 28239), (521, 28278), (570, 28386), (596, 28434), (603, 28446), (625, 28491), (630, 28503), (644, 28533),

Gene: BoostSeason_30 Start: 24885, Stop: 26096, Start Num: 105

Candidate Starts for BoostSeason_30:

(16, 24174), (19, 24237), (22, 24261), (78, 24762), (82, 24783), (95, 24846), (Start: 105 @24885 has 11 MA's), (115, 24912), (124, 24933), (139, 24969), (Start: 164 @25014 has 214 MA's), (217, 25110), (Start: 238 @25143 has 1 MA's), (240, 25146), (255, 25176), (288, 25242), (307, 25281), (351, 25359), (375, 25404), (401, 25461), (407, 25479), (436, 25551), (478, 25644), (489, 25665), (498, 25686), (499, 25689), (557, 25803), (561, 25818), (593, 25887), (625, 25944), (657, 26025),

Gene: Bora_65 Start: 43113, Stop: 44153, Start Num: 160

Candidate Starts for Bora_65:

(Start: 160 @43113 has 30 MA's), (Start: 203 @43188 has 2 MA's), (243, 43269), (254, 43290), (295, 43371), (Start: 297 @43374 has 1 MA's), (339, 43428), (346, 43443), (389, 43539), (408, 43578), (416,

43608), (427, 43638), (428, 43641), (441, 43674), (468, 43740), (487, 43788), (502, 43815), (521, 43854), (608, 44028), (630, 44079),

Gene: BourbonZero_27 Start: 26811, Stop: 27854, Start Num: 111

Candidate Starts for BourbonZero_27:

(Start: 111 @26811 has 20 MA's), (113, 26817), (126, 26844), (134, 26865), (159, 26916), (200, 26997), (259, 27102), (302, 27183), (307, 27189), (329, 27231), (360, 27285), (369, 27303), (374, 27309), (377, 27315), (407, 27387), (436, 27444), (466, 27504), (501, 27579), (590, 27624), (594, 27639), (596, 27645), (630, 27708), (674, 27810), (677, 27831), (679, 27837),

Gene: Bowman_251 Start: 145453, Stop: 146481, Start Num: 158

Candidate Starts for Bowman_251:

(Start: 158 @145453 has 220 MA's), (Start: 175 @145483 has 331 MA's), (182, 145495), (Start: 203 @145537 has 2 MA's), (243, 145600), (254, 145621), (Start: 297 @145705 has 1 MA's), (331, 145747), (339, 145759), (346, 145774), (378, 145843), (389, 145870), (414, 145924), (427, 145969), (428, 145972), (460, 146050), (468, 146071), (521, 146182), (565, 146272), (570, 146290), (611, 146362), (625, 146395),

Gene: Bradman_10 Start: 5599, Stop: 6363, Start Num: 311

Candidate Starts for Bradman_10:

(Start: 311 @5599 has 12 MA's), (389, 5743), (440, 5857), (441, 5860), (444, 5869), (474, 5938), (479, 5956), (513, 6019), (552, 6097), (559, 6124), (565, 6139), (570, 6157), (571, 6160), (620, 6250), (645, 6319),

Gene: BrainDrainer_27 Start: 25485, Stop: 26507, Start Num: 169

Candidate Starts for BrainDrainer_27:

(Start: 169 @25485 has 29 MA's), (237, 25596), (258, 25629), (261, 25635), (265, 25641), (Start: 313 @25743 has 1 MA's), (316, 25746), (339, 25785), (346, 25806), (362, 25848), (389, 25905), (440, 26019), (479, 26124), (523, 26205), (526, 26208), (548, 26253), (571, 26316), (581, 26328), (618, 26394), (620, 26403), (630, 26430),

Gene: BreSam8_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for BreSam8_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: Bread_249 Start: 144305, Stop: 145333, Start Num: 158

Candidate Starts for Bread_249:

(Start: 158 @144305 has 220 MA's), (Start: 175 @144335 has 331 MA's), (182, 144347), (Start: 203 @144389 has 2 MA's), (243, 144452), (254, 144473), (Start: 297 @144557 has 1 MA's), (331, 144599), (339, 144611), (346, 144626), (378, 144695), (389, 144722), (414, 144776), (427, 144821), (428, 144824), (460, 144902), (468, 144923), (521, 145034), (565, 145124), (570, 145142), (611, 145214), (625, 145247),

Gene: Breeniome_252 Start: 143293, Stop: 144321, Start Num: 158

Candidate Starts for Breeniome_252:

(Start: 158 @143293 has 220 MA's), (Start: 175 @143323 has 331 MA's), (182, 143335), (Start: 203 @143377 has 2 MA's), (243, 143440), (254, 143461), (Start: 297 @143545 has 1 MA's), (331, 143587), (339, 143599), (346, 143614), (378, 143683), (389, 143710), (414, 143764), (427, 143809), (428, 143812), (460, 143890), (468, 143911), (521, 144022), (565, 144112), (570, 144130), (611, 144202), (625, 144235),

Gene: Breezona_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Breezona_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Brewer_35 Start: 32106, Stop: 32963, Start Num: 209

Candidate Starts for Brewer_35:

(Start: 209 @32106 has 127 MA's), (229, 32145), (244, 32175), (255, 32196), (274, 32232), (288, 32262), (327, 32337), (352, 32385), (355, 32388), (365, 32412), (367, 32415), (378, 32430), (443, 32601), (494, 32715), (501, 32730), (504, 32736), (582, 32778), (584, 32781), (612, 32835), (646, 32913), (662, 32946),

Gene: Briakila_48 Start: 42303, Stop: 43367, Start Num: 151

Candidate Starts for Briakila_48:

(Start: 151 @42303 has 50 MA's), (184, 42366), (236, 42447), (271, 42513), (279, 42528), (288, 42540), (298, 42567), (343, 42624), (346, 42633), (413, 42780), (419, 42795), (439, 42849), (452, 42882), (467, 42921), (475, 42933), (518, 43014), (533, 43032), (535, 43035), (596, 43191), (649, 43302), (658, 43323), (673, 43356),

Gene: Bricole_38 Start: 31780, Stop: 32751, Start Num: 206

Candidate Starts for Bricole_38:

(Start: 206 @31780 has 15 MA's), (220, 31804), (228, 31819), (295, 31957), (309, 31984), (Start: 326 @32002 has 2 MA's), (333, 32014), (339, 32023), (356, 32068), (362, 32080), (378, 32107), (389, 32134), (396, 32146), (416, 32191), (428, 32218), (440, 32248), (443, 32257), (444, 32260), (485, 32347), (495, 32362), (563, 32515), (564, 32518), (592, 32578), (596, 32590), (599, 32599), (621, 32635), (626, 32650), (642, 32689), (653, 32722),

Gene: Brilliant_49 Start: 41406, Stop: 42761, Start Num: 89

Candidate Starts for Brilliant_49:

(Start: 89 @41406 has 280 MA's), (Start: 105 @41457 has 11 MA's), (119, 41490), (128, 41508), (185, 41619), (186, 41622), (194, 41637), (249, 41733), (273, 41772), (287, 41802), (300, 41838), (354, 41949), (365, 41979), (367, 41982), (397, 42048), (457, 42207), (477, 42255), (481, 42273), (504, 42321), (566, 42465), (588, 42525), (628, 42630), (671, 42717),

Gene: Briton15_11 Start: 5784, Stop: 6752, Start Num: 175

Candidate Starts for Briton15_11:

(Start: 175 @5784 has 331 MA's), (Start: 191 @5817 has 6 MA's), (Start: 202 @5835 has 32 MA's), (Start: 203 @5838 has 2 MA's), (366, 6105), (389, 6156), (396, 6168), (430, 6243), (468, 6339), (479, 6369), (521, 6450), (563, 6531), (570, 6555), (571, 6558), (572, 6561), (581, 6570), (624, 6657), (663, 6744),

Gene: Brocalys_26 Start: 23309, Stop: 24310, Start Num: 164

Candidate Starts for Brocalys_26:

(Start: 164 @23309 has 214 MA's), (Start: 203 @23384 has 2 MA's), (243, 23447), (254, 23468), (Start: 297 @23552 has 1 MA's), (Start: 313 @23576 has 1 MA's), (331, 23591), (339, 23603), (389, 23714), (446, 23846), (464, 23885), (468, 23897), (502, 23972), (521, 24011), (630, 24236), (644, 24266),

Gene: Bromden_28 Start: 25913, Stop: 26935, Start Num: 169

Candidate Starts for Bromden_28:

(Start: 169 @25913 has 29 MA's), (258, 26057), (261, 26063), (265, 26069), (Start: 313 @26171 has 1 MA's), (316, 26174), (322, 26189), (339, 26213), (346, 26234), (362, 26276), (389, 26333), (440, 26447), (444, 26459), (479, 26552), (523, 26633), (548, 26681), (571, 26744), (581, 26756), (618, 26822), (620, 26831), (630, 26858),

Gene: BronnyJames_41 Start: 36442, Stop: 37287, Start Num: 218

Candidate Starts for BronnyJames_41:

(Start: 202 @36415 has 32 MA's), (Start: 218 @36442 has 1 MA's), (251, 36502), (278, 36550), (308, 36616), (327, 36637), (342, 36658), (364, 36712), (400, 36793), (522, 37072), (524, 37075), (545, 37099), (579, 37135), (590, 37150), (593, 37162), (601, 37183), (633, 37255),

Gene: BronnyJr_27 Start: 24517, Stop: 25683, Start Num: 110

Candidate Starts for BronnyJr_27:

(Start: 110 @24517 has 51 MA's), (134, 24574), (178, 24661), (207, 24706), (Start: 209 @24709 has 127 MA's), (249, 24781), (264, 24802), (300, 24886), (327, 24925), (354, 24991), (365, 25021), (379, 25042), (397, 25087), (434, 25183), (447, 25222), (461, 25237), (477, 25276), (517, 25363), (524, 25381), (531, 25387), (571, 25435), (588, 25456), (621, 25528), (651, 25603),

Gene: Brookers_29 Start: 26458, Stop: 27456, Start Num: 158

Candidate Starts for Brookers_29:

(Start: 158 @26458 has 220 MA's), (Start: 203 @26533 has 2 MA's), (243, 26593), (254, 26614), (Start: 297 @26698 has 1 MA's), (339, 26749), (346, 26764), (389, 26860), (430, 26947), (439, 26971), (446, 26992), (464, 27031), (468, 27043), (487, 27091), (502, 27118), (516, 27142), (521, 27157), (570, 27265), (596, 27313), (630, 27382), (644, 27412),

Gene: Broseidon_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Broseidon_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: BruceB_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for BruceB_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Bruin_35 Start: 31878, Stop: 32735, Start Num: 209

Candidate Starts for Bruin_35:

(Start: 209 @31878 has 127 MA's), (229, 31917), (244, 31947), (255, 31968), (274, 32004), (288, 32034), (327, 32109), (352, 32157), (355, 32160), (365, 32184), (367, 32187), (378, 32202), (443, 32373), (494, 32487), (501, 32502), (504, 32508), (582, 32550), (584, 32553), (612, 32607), (646, 32685), (662, 32718),

Gene: Bruiser_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Bruiser_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Brujita_30 Start: 26243, Stop: 27409, Start Num: 110

Candidate Starts for Brujita_30:

(29, 25709), (36, 25757), (43, 25862), (Start: 110 @26243 has 51 MA's), (114, 26252), (132, 26297), (134, 26300), (178, 26387), (207, 26432), (249, 26507), (264, 26528), (273, 26546), (300, 26612), (327, 26651), (334, 26663), (354, 26717), (365, 26747), (379, 26768), (397, 26813), (434, 26909), (447, 26948), (461, 26963), (465, 26975), (477, 27002), (517, 27089), (524, 27107), (531, 27113), (571, 27161), (596, 27206), (621, 27254), (651, 27329),

Gene: Bruns_8 Start: 5434, Stop: 6402, Start Num: 175

Candidate Starts for Bruns_8:

(Start: 175 @5434 has 331 MA's), (Start: 191 @5467 has 6 MA's), (Start: 202 @5485 has 32 MA's), (Start: 203 @5488 has 2 MA's), (366, 5755), (389, 5806), (396, 5818), (430, 5893), (455, 5956), (465, 5980), (479, 6019), (487, 6037), (521, 6100), (563, 6181), (570, 6205), (571, 6208), (572, 6211), (581, 6220), (624, 6307), (644, 6352), (663, 6394),

Gene: Brusacoram_27 Start: 24047, Stop: 25213, Start Num: 110

Candidate Starts for Brusacoram_27:

(5, 22928), (9, 23081), (15, 23294), (36, 23561), (43, 23666), (Start: 110 @24047 has 51 MA's), (114, 24056), (132, 24101), (134, 24104), (178, 24191), (207, 24236), (249, 24311), (264, 24332), (300, 24416), (327, 24455), (354, 24521), (365, 24551), (379, 24572), (397, 24617), (434, 24713), (447, 24752), (461, 24767), (465, 24779), (477, 24806), (515, 24890), (517, 24893), (524, 24911), (531, 24917), (571, 24965), (596, 25010), (621, 25058), (651, 25133),

Gene: Brushbloom_32 Start: 27533, Stop: 28531, Start Num: 158

Candidate Starts for Brushbloom_32:

(Start: 158 @27533 has 220 MA's), (Start: 203 @27608 has 2 MA's), (243, 27668), (254, 27689), (Start: 297 @27773 has 1 MA's), (339, 27824), (346, 27839), (389, 27935), (439, 28046), (446, 28067), (464, 28106), (487, 28166), (502, 28193), (516, 28217), (521, 28232), (570, 28340), (596, 28388), (630, 28457), (644, 28487),

Gene: Bryler_31 Start: 25864, Stop: 26607, Start Num: 226

Candidate Starts for Bryler_31:

(Start: 209 @25837 has 127 MA's), (Start: 226 @25864 has 29 MA's), (240, 25882), (251, 25906), (255, 25912), (275, 25948), (300, 25996), (307, 26005), (327, 26041), (346, 26083), (397, 26191), (465, 26326), (476, 26341), (478, 26353), (489, 26374), (509, 26389), (511, 26392), (559, 26398), (625, 26476), (657, 26557), (671, 26578), (674, 26587),

Gene: BubbleTrouble_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for BubbleTrouble_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Bubbles123_33 Start: 28498, Stop: 29499, Start Num: 164

Candidate Starts for Bubbles123_33:

(Start: 164 @28498 has 214 MA's), (Start: 203 @28573 has 2 MA's), (222, 28606), (243, 28636), (254, 28657), (Start: 297 @28741 has 1 MA's), (339, 28792), (346, 28807), (389, 28903), (439, 29014), (446, 29035), (464, 29074), (468, 29086), (487, 29134), (502, 29161), (516, 29185), (521, 29200), (570, 29308), (596, 29356), (630, 29425), (644, 29455),

Gene: Buck_34 Start: 31814, Stop: 32671, Start Num: 209

Candidate Starts for Buck_34:

(Start: 209 @31814 has 127 MA's), (229, 31853), (244, 31883), (255, 31904), (274, 31940), (288, 31970), (327, 32045), (352, 32093), (355, 32096), (365, 32120), (367, 32123), (378, 32138), (443, 32309), (488, 32408), (494, 32423), (501, 32438), (504, 32444), (582, 32486), (584, 32489), (612,

32543), (646, 32621), (662, 32654),

Gene: Buckeye_49 Start: 41727, Stop: 43082, Start Num: 89

Candidate Starts for Buckeye_49:

(Start: 89 @41727 has 280 MA's), (Start: 105 @41778 has 11 MA's), (119, 41811), (185, 41940), (186, 41943), (194, 41958), (249, 42054), (273, 42093), (287, 42123), (300, 42159), (354, 42270), (365, 42300), (367, 42303), (397, 42369), (457, 42528), (477, 42576), (481, 42594), (504, 42642), (566, 42786), (588, 42846), (628, 42951), (671, 43038),

Gene: Budgie_38 Start: 31405, Stop: 32262, Start Num: 209

Candidate Starts for Budgie_38:

(Start: 209 @31405 has 127 MA's), (229, 31444), (244, 31474), (255, 31495), (268, 31519), (274, 31531), (288, 31561), (319, 31624), (327, 31636), (355, 31687), (365, 31711), (378, 31729), (387, 31750), (441, 31894), (443, 31900), (494, 32014), (501, 32029), (504, 32035), (511, 32047), (582, 32077), (584, 32080), (612, 32134), (631, 32182), (646, 32212),

Gene: Bugatti_10 Start: 5739, Stop: 6479, Start Num: 315

Candidate Starts for Bugatti_10:

(220, 5622), (Start: 315 @5739 has 18 MA's), (362, 5826), (389, 5883), (396, 5895), (398, 5898), (408, 5922), (414, 5937), (427, 5955), (439, 5985), (441, 5991), (444, 6000), (452, 6018), (474, 6069), (479, 6087), (518, 6159), (546, 6201), (552, 6228), (559, 6255), (570, 6288), (571, 6291), (593, 6330), (666, 6471),

Gene: BugsBunny_33 Start: 31447, Stop: 32304, Start Num: 209

Candidate Starts for BugsBunny_33:

(Start: 209 @31447 has 127 MA's), (229, 31486), (244, 31516), (255, 31537), (274, 31573), (288, 31603), (327, 31678), (352, 31726), (355, 31729), (365, 31753), (367, 31756), (378, 31771), (443, 31942), (494, 32056), (501, 32071), (504, 32077), (582, 32119), (584, 32122), (612, 32176), (646, 32254), (662, 32287),

Gene: Buggy_13 Start: 6872, Stop: 7864, Start Num: 175

Candidate Starts for Buggy_13:

(Start: 175 @6872 has 331 MA's), (Start: 202 @6923 has 32 MA's), (Start: 203 @6926 has 2 MA's), (309, 7094), (331, 7100), (344, 7127), (368, 7187), (389, 7232), (430, 7319), (450, 7364), (476, 7403), (497, 7451), (507, 7466), (542, 7532), (552, 7574), (580, 7661), (607, 7709), (636, 7775),

Gene: Bumblebee11_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for Bumblebee11_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (388, 6241), (389, 6247), (396, 6259), (409, 6289), (432, 6331), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: Bunnies_27 Start: 24068, Stop: 25234, Start Num: 110

Candidate Starts for Bunnies_27:

(15, 23315), (36, 23582), (43, 23687), (Start: 110 @24068 has 51 MA's), (114, 24077), (132, 24122), (134, 24125), (178, 24212), (207, 24257), (249, 24332), (264, 24353), (273, 24371), (300, 24437), (327, 24476), (354, 24542), (365, 24572), (379, 24593), (397, 24638), (434, 24734), (447, 24773), (461, 24788), (477, 24827), (517, 24914), (524, 24932), (531, 24938), (571, 24986), (621, 25079), (651, 25154),

Gene: Burger_9 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Burger_9:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Burr_48 Start: 41401, Stop: 42756, Start Num: 89

Candidate Starts for Burr_48:

(Start: 89 @41401 has 280 MA's), (Start: 105 @41452 has 11 MA's), (119, 41485), (185, 41614), (186, 41617), (194, 41632), (249, 41728), (273, 41767), (287, 41797), (300, 41833), (354, 41944), (365, 41974), (367, 41977), (397, 42043), (457, 42202), (477, 42250), (481, 42268), (504, 42316), (566, 42460), (588, 42520), (628, 42625), (671, 42712),

Gene: Burrough_253 Start: 145666, Stop: 146694, Start Num: 158

Candidate Starts for Burrough_253:

(Start: 158 @145666 has 220 MA's), (Start: 175 @145696 has 331 MA's), (182, 145708), (Start: 203 @145750 has 2 MA's), (243, 145813), (254, 145834), (Start: 297 @145918 has 1 MA's), (331, 145960), (339, 145972), (346, 145987), (378, 146056), (389, 146083), (414, 146137), (427, 146182), (428, 146185), (460, 146263), (468, 146284), (521, 146395), (565, 146485), (570, 146503), (611, 146575), (625, 146608),

Gene: Burton_10 Start: 5634, Stop: 6602, Start Num: 175

Candidate Starts for Burton_10:

(Start: 175 @5634 has 331 MA's), (Start: 191 @5667 has 6 MA's), (Start: 202 @5685 has 32 MA's), (Start: 203 @5688 has 2 MA's), (366, 5955), (389, 6006), (396, 6018), (430, 6093), (455, 6156), (461, 6168), (468, 6189), (474, 6201), (479, 6219), (487, 6237), (500, 6261), (521, 6300), (563, 6381), (570, 6405), (571, 6408), (572, 6411), (581, 6420), (624, 6507), (663, 6594),

Gene: Burwell21_31 Start: 27697, Stop: 28698, Start Num: 164

Candidate Starts for Burwell21_31:

(Start: 164 @27697 has 214 MA's), (Start: 175 @27718 has 331 MA's), (182, 27730), (Start: 203 @27772 has 2 MA's), (243, 27835), (254, 27856), (271, 27886), (Start: 297 @27940 has 1 MA's), (Start: 313 @27964 has 1 MA's), (331, 27979), (339, 27991), (389, 28102), (440, 28216), (446, 28234), (464, 28273), (474, 28297), (487, 28333), (502, 28360), (521, 28399), (552, 28447), (570, 28507), (603, 28567), (630, 28624), (644, 28654),

Gene: Butters_27 Start: 22757, Stop: 23917, Start Num: 110

Candidate Starts for Butters_27:

(10, 21803), (15, 21998), (29, 22232), (43, 22385), (Start: 110 @22757 has 51 MA's), (134, 22814), (178, 22901), (249, 23021), (327, 23165), (334, 23177), (354, 23231), (365, 23261), (379, 23282), (397, 23327), (461, 23477), (465, 23489), (477, 23516), (483, 23537), (506, 23585), (517, 23603), (579, 23681), (590, 23696), (621, 23762), (674, 23879),

Gene: Buttons_11 Start: 6206, Stop: 7174, Start Num: 175

Candidate Starts for Buttons_11:

(Start: 175 @6206 has 331 MA's), (Start: 191 @6239 has 6 MA's), (Start: 202 @6257 has 32 MA's), (Start: 203 @6260 has 2 MA's), (366, 6527), (389, 6578), (396, 6590), (430, 6665), (455, 6728), (461, 6740), (468, 6761), (474, 6773), (479, 6791), (487, 6809), (521, 6872), (563, 6953), (570, 6977), (571, 6980), (572, 6983), (581, 6992), (624, 7079), (644, 7124), (663, 7166),

Gene: BuzzBuzz_11 Start: 6046, Stop: 7011, Start Num: 166

Candidate Starts for BuzzBuzz_11:

(Start: 166 @6046 has 96 MA's), (Start: 191 @6091 has 6 MA's), (Start: 203 @6112 has 2 MA's), (280, 6232), (362, 6370), (389, 6427), (398, 6442), (439, 6523), (444, 6538), (452, 6556), (474, 6607), (479, 6625), (502, 6670), (552, 6766), (571, 6829), (620, 6919),

Gene: BuzzLyseyear_34 Start: 28312, Stop: 29313, Start Num: 164

Candidate Starts for BuzzLyseyear_34:

(Start: 164 @28312 has 214 MA's), (Start: 203 @28387 has 2 MA's), (222, 28420), (243, 28450), (254, 28471), (271, 28501), (278, 28513), (Start: 297 @28555 has 1 MA's), (Start: 313 @28579 has 1 MA's), (331, 28594), (339, 28606), (389, 28717), (440, 28831), (446, 28849), (464, 28888), (474, 28912), (487, 28948), (502, 28975), (521, 29014), (570, 29122), (596, 29170), (630, 29239), (644, 29269),

Gene: Bxb1_9 Start: 6043, Stop: 7011, Start Num: 175

Candidate Starts for Bxb1_9:

(Start: 175 @6043 has 331 MA's), (Start: 191 @6076 has 6 MA's), (Start: 202 @6094 has 32 MA's), (Start: 203 @6097 has 2 MA's), (366, 6364), (389, 6415), (396, 6427), (430, 6502), (455, 6565), (461, 6577), (468, 6598), (479, 6628), (487, 6646), (500, 6670), (521, 6709), (563, 6790), (570, 6814), (571, 6817), (572, 6820), (581, 6829), (624, 6916), (644, 6961), (663, 7003),

Gene: Bxz1_238 Start: 145870, Stop: 146898, Start Num: 158

Candidate Starts for Bxz1_238:

(Start: 158 @145870 has 220 MA's), (Start: 175 @145900 has 331 MA's), (182, 145912), (Start: 203 @145954 has 2 MA's), (243, 146017), (254, 146038), (Start: 297 @146122 has 1 MA's), (331, 146164), (339, 146176), (346, 146191), (378, 146260), (389, 146287), (414, 146341), (427, 146386), (428, 146389), (460, 146467), (468, 146488), (521, 146599), (565, 146689), (570, 146707), (611, 146779), (625, 146812),

Gene: Bxz2_12 Start: 6056, Stop: 7021, Start Num: 166

Candidate Starts for Bxz2_12:

(Start: 166 @6056 has 96 MA's), (Start: 191 @6101 has 6 MA's), (Start: 203 @6122 has 2 MA's), (280, 6242), (362, 6380), (389, 6437), (398, 6452), (439, 6533), (444, 6548), (452, 6566), (474, 6617), (479, 6635), (502, 6680), (552, 6776), (571, 6839), (593, 6878), (620, 6929),

Gene: Byougenkin_31 Start: 27595, Stop: 28596, Start Num: 164

Candidate Starts for Byougenkin_31:

(Start: 164 @27595 has 214 MA's), (Start: 203 @27670 has 2 MA's), (222, 27703), (243, 27733), (254, 27754), (Start: 297 @27838 has 1 MA's), (Start: 313 @27862 has 1 MA's), (331, 27877), (339, 27889), (389, 28000), (440, 28114), (446, 28132), (464, 28171), (474, 28195), (487, 28231), (502, 28258), (516, 28282), (521, 28297), (570, 28405), (596, 28453), (630, 28522), (644, 28552),

Gene: C3_09 Start: 6596, Stop: 7345, Start Num: 323

Candidate Starts for C3_09:

(Start: 323 @6596 has 4 MA's), (328, 6602), (391, 6743), (430, 6830), (439, 6854), (441, 6860), (452, 6887), (474, 6938), (479, 6956), (552, 7100), (571, 7163), (596, 7211), (597, 7214), (618, 7244), (620, 7253),

Gene: CLED96_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for CLED96_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: CRB1_11 Start: 6408, Stop: 7385, Start Num: 175

Candidate Starts for CRB1_11:

(Start: 175 @6408 has 331 MA's), (Start: 203 @6462 has 2 MA's), (250, 6519), (344, 6651), (356, 6687), (362, 6699), (389, 6756), (407, 6792), (430, 6840), (444, 6879), (475, 6951), (479, 6966), (513,

7029), (540, 7071), (552, 7119), (559, 7146), (565, 7161), (570, 7179), (571, 7182), (592, 7218), (620, 7272), (658, 7371),

Gene: CREW_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for CREW_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Cabrinians_31 Start: 27775, Stop: 28776, Start Num: 164

Candidate Starts for Cabrinians_31:

(Start: 164 @27775 has 214 MA's), (Start: 203 @27850 has 2 MA's), (222, 27883), (243, 27913), (254, 27934), (271, 27964), (278, 27976), (Start: 297 @28018 has 1 MA's), (Start: 313 @28042 has 1 MA's), (331, 28057), (339, 28069), (389, 28180), (440, 28294), (446, 28312), (464, 28351), (474, 28375), (487, 28411), (521, 28477), (570, 28585), (596, 28633), (603, 28645), (625, 28690), (630, 28702), (644, 28732),

Gene: Cactojaque_247 Start: 143484, Stop: 144512, Start Num: 158

Candidate Starts for Cactojaque_247:

(Start: 158 @143484 has 220 MA's), (Start: 175 @143514 has 331 MA's), (182, 143526), (Start: 203 @143568 has 2 MA's), (243, 143631), (254, 143652), (Start: 297 @143736 has 1 MA's), (331, 143778), (339, 143790), (346, 143805), (378, 143874), (389, 143901), (414, 143955), (427, 144000), (428, 144003), (460, 144081), (468, 144102), (521, 144213), (565, 144303), (570, 144321), (611, 144393), (625, 144426),

Gene: Cactus_36 Start: 31069, Stop: 31926, Start Num: 209

Candidate Starts for Cactus_36:

(Start: 209 @31069 has 127 MA's), (229, 31108), (244, 31138), (255, 31159), (274, 31195), (288, 31225), (327, 31300), (352, 31348), (355, 31351), (365, 31375), (367, 31378), (378, 31393), (443, 31564), (494, 31678), (501, 31693), (504, 31699), (582, 31741), (584, 31744), (612, 31798), (646, 31876), (662, 31909),

Gene: CactusJack_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for CactusJack_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: CactusRose_9 Start: 5756, Stop: 6724, Start Num: 175

Candidate Starts for CactusRose_9:

(Start: 175 @5756 has 331 MA's), (Start: 191 @5789 has 6 MA's), (Start: 202 @5807 has 32 MA's), (Start: 203 @5810 has 2 MA's), (366, 6077), (389, 6128), (396, 6140), (430, 6215), (455, 6278), (461, 6290), (468, 6311), (474, 6323), (479, 6341), (487, 6359), (500, 6383), (521, 6422), (563, 6503), (570, 6527), (571, 6530), (572, 6533), (581, 6542), (644, 6674), (663, 6716),

Gene: Caelakin_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Caelakin_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450,

6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Cain_31 Start: 25852, Stop: 26595, Start Num: 226

Candidate Starts for Cain_31:

(Start: 209 @25825 has 127 MA's), (Start: 226 @25852 has 29 MA's), (240, 25870), (251, 25894), (255, 25900), (275, 25936), (300, 25984), (307, 25993), (327, 26029), (346, 26071), (397, 26179), (465, 26314), (476, 26329), (478, 26341), (489, 26362), (509, 26377), (511, 26380), (559, 26386), (625, 26464), (657, 26545), (671, 26566), (674, 26575),

Gene: Cali_242 Start: 144263, Stop: 145291, Start Num: 158

Candidate Starts for Cali_242:

(Start: 158 @144263 has 220 MA's), (Start: 175 @144293 has 331 MA's), (Start: 203 @144347 has 2 MA's), (243, 144410), (254, 144431), (Start: 297 @144515 has 1 MA's), (331, 144557), (339, 144569), (346, 144584), (378, 144653), (389, 144680), (414, 144734), (427, 144779), (428, 144782), (460, 144860), (468, 144881), (521, 144992), (565, 145082), (570, 145100), (611, 145172), (625, 145205),

Gene: CallaLilly_31 Start: 26417, Stop: 27289, Start Num: 227

Candidate Starts for CallaLilly_31:

(85, 26087), (165, 26315), (Start: 209 @26390 has 127 MA's), (Start: 227 @26417 has 136 MA's), (Start: 238 @26429 has 1 MA's), (275, 26498), (280, 26507), (288, 26525), (300, 26555), (307, 26564), (327, 26600), (332, 26609), (346, 26642), (352, 26660), (367, 26690), (397, 26750), (465, 26885), (478, 26912), (489, 26933), (499, 26957), (539, 27008), (596, 27110), (621, 27146), (630, 27170), (674, 27269), (676, 27278),

Gene: Calm_26 Start: 25561, Stop: 26592, Start Num: 169

Candidate Starts for Calm_26:

(Start: 169 @25561 has 29 MA's), (263, 25714), (265, 25717), (277, 25741), (284, 25753), (293, 25771), (Start: 297 @25789 has 1 MA's), (304, 25807), (309, 25813), (316, 25822), (322, 25837), (333, 25852), (362, 25924), (389, 25981), (408, 26020), (441, 26098), (444, 26107), (445, 26110), (452, 26125), (472, 26179), (479, 26200), (485, 26215), (537, 26299), (548, 26329), (571, 26398), (581, 26410), (593, 26434), (599, 26452), (602, 26455), (611, 26467), (613, 26470), (625, 26500), (630, 26512),

Gene: Calvinny_13 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Calvinny_13:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: CamL_49 Start: 41696, Stop: 43051, Start Num: 89

Candidate Starts for CamL_49:

(Start: 89 @41696 has 280 MA's), (Start: 105 @41747 has 11 MA's), (119, 41780), (185, 41909), (186, 41912), (194, 41927), (249, 42023), (273, 42062), (287, 42092), (300, 42128), (354, 42239), (365, 42269), (367, 42272), (397, 42338), (457, 42497), (477, 42545), (481, 42563), (504, 42611), (566, 42755), (588, 42815), (628, 42920), (671, 43007),

Gene: CampRoach_50 Start: 41830, Stop: 43185, Start Num: 89

Candidate Starts for CampRoach_50:

(Start: 89 @41830 has 280 MA's), (Start: 105 @41881 has 11 MA's), (119, 41914), (185, 42043), (186, 42046), (194, 42061), (249, 42157), (273, 42196), (287, 42226), (300, 42262), (354, 42373), (365, 42403), (367, 42406), (397, 42472), (457, 42631), (477, 42679), (481, 42697), (504, 42745), (566, 42889), (588, 42949), (628, 43054), (671, 43141),

Gene: Camperdownii_9 Start: 5498, Stop: 6478, Start Num: 177

Candidate Starts for Camperdownii_9:

(Start: 177 @5498 has 116 MA's), (190, 5525), (Start: 202 @5546 has 32 MA's), (Start: 203 @5549 has 2 MA's), (362, 5798), (389, 5855), (396, 5867), (407, 5891), (420, 5918), (432, 5939), (450, 5987), (479, 6044), (550, 6194), (594, 6305), (598, 6317), (607, 6329), (639, 6395),

Gene: Camri_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Camri_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Camster_27 Start: 24084, Stop: 25250, Start Num: 110

Candidate Starts for Camster_27:

(Start: 110 @24084 has 51 MA's), (132, 24138), (134, 24141), (178, 24228), (207, 24273), (230, 24306), (249, 24348), (264, 24369), (273, 24387), (300, 24453), (327, 24492), (354, 24558), (365, 24588), (379, 24609), (397, 24654), (434, 24750), (447, 24789), (461, 24804), (477, 24843), (517, 24930), (524, 24948), (531, 24954), (571, 25002), (588, 25023), (621, 25095), (651, 25170),

Gene: Candle_39 Start: 35346, Stop: 36395, Start Num: 158

Candidate Starts for Candle_39:

(Start: 158 @35346 has 220 MA's), (201, 35430), (Start: 206 @35439 has 15 MA's), (222, 35463), (243, 35493), (254, 35514), (265, 35532), (274, 35550), (288, 35571), (293, 35580), (Start: 297 @35598 has 1 MA's), (316, 35625), (346, 35667), (384, 35757), (404, 35799), (410, 35820), (446, 35919), (458, 35946), (492, 36018), (529, 36072), (592, 36222), (606, 36249), (611, 36258), (628, 36300), (630, 36303), (632, 36309), (641, 36318), (653, 36354), (658, 36363), (663, 36372),

Gene: Cane17_241 Start: 147674, Stop: 148708, Start Num: 158

Candidate Starts for Cane17_241:

(Start: 158 @147674 has 220 MA's), (Start: 175 @147704 has 331 MA's), (Start: 203 @147758 has 2 MA's), (243, 147821), (254, 147842), (Start: 297 @147926 has 1 MA's), (331, 147968), (339, 147980), (346, 147995), (378, 148064), (389, 148091), (414, 148145), (427, 148190), (428, 148193), (460, 148271), (468, 148292), (521, 148403), (565, 148493), (570, 148511), (611, 148583), (625, 148616), (665, 148703),

Gene: Cannibal_49 Start: 41679, Stop: 43034, Start Num: 89

Candidate Starts for Cannibal_49:

(Start: 89 @41679 has 280 MA's), (Start: 105 @41730 has 11 MA's), (119, 41763), (185, 41892), (186, 41895), (194, 41910), (249, 42006), (273, 42045), (287, 42075), (300, 42111), (354, 42222), (365, 42252), (367, 42255), (397, 42321), (457, 42480), (477, 42528), (481, 42546), (504, 42594), (566, 42738), (588, 42798), (628, 42903), (671, 42990),

Gene: Capablanca_257 Start: 146517, Stop: 147545, Start Num: 158

Candidate Starts for Capablanca_257:

(Start: 158 @146517 has 220 MA's), (Start: 175 @146547 has 331 MA's), (182, 146559), (Start: 203 @146601 has 2 MA's), (243, 146664), (254, 146685), (Start: 297 @146769 has 1 MA's), (331, 146811), (339, 146823), (346, 146838), (378, 146907), (389, 146934), (414, 146988), (427, 147033), (428, 147036), (460, 147114), (468, 147135), (521, 147246), (565, 147336), (570, 147354), (611, 147426), (625, 147459),

Gene: Capricorn_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Capricorn_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: CaptainTrips_32 Start: 27915, Stop: 28916, Start Num: 164

Candidate Starts for CaptainTrips_32:

(Start: 164 @27915 has 214 MA's), (Start: 175 @27936 has 331 MA's), (182, 27948), (Start: 203 @27990 has 2 MA's), (243, 28053), (254, 28074), (Start: 297 @28158 has 1 MA's), (Start: 313 @28182 has 1 MA's), (331, 28197), (339, 28209), (389, 28320), (440, 28434), (446, 28452), (464, 28491), (474, 28515), (487, 28551), (502, 28578), (521, 28617), (570, 28725), (596, 28773), (603, 28785), (625, 28830), (630, 28842), (644, 28872),

Gene: Caravan_242 Start: 144567, Stop: 145595, Start Num: 158

Candidate Starts for Caravan_242:

(Start: 158 @144567 has 220 MA's), (Start: 175 @144597 has 331 MA's), (182, 144609), (Start: 203 @144651 has 2 MA's), (243, 144714), (254, 144735), (Start: 297 @144819 has 1 MA's), (331, 144861), (339, 144873), (346, 144888), (378, 144957), (389, 144984), (414, 145038), (427, 145083), (428, 145086), (460, 145164), (468, 145185), (521, 145296), (565, 145386), (570, 145404), (611, 145476), (625, 145509),

Gene: Carlyle_12 Start: 6604, Stop: 7572, Start Num: 175

Candidate Starts for Carlyle_12:

(Start: 175 @6604 has 331 MA's), (Start: 191 @6637 has 6 MA's), (Start: 202 @6655 has 32 MA's), (Start: 203 @6658 has 2 MA's), (366, 6925), (389, 6976), (396, 6988), (430, 7063), (455, 7126), (461, 7138), (468, 7159), (474, 7171), (479, 7189), (487, 7207), (500, 7231), (521, 7270), (563, 7351), (570, 7375), (571, 7378), (572, 7381), (581, 7390), (624, 7477), (644, 7522), (663, 7564),

Gene: Carthage_47 Start: 40626, Stop: 41981, Start Num: 89

Candidate Starts for Carthage_47:

(Start: 89 @40626 has 280 MA's), (Start: 105 @40677 has 11 MA's), (119, 40710), (185, 40839), (186, 40842), (194, 40857), (249, 40953), (273, 40992), (287, 41022), (300, 41058), (354, 41169), (365, 41199), (367, 41202), (397, 41268), (457, 41427), (477, 41475), (481, 41493), (504, 41541), (566, 41685), (588, 41745), (628, 41850), (671, 41937),

Gene: CartmannCramer_10 Start: 6588, Stop: 7502, Start Num: 203

Candidate Starts for CartmannCramer_10:

(Start: 175 @6534 has 331 MA's), (Start: 191 @6567 has 6 MA's), (Start: 202 @6585 has 32 MA's), (Start: 203 @6588 has 2 MA's), (366, 6855), (389, 6906), (396, 6918), (430, 6993), (455, 7056), (468, 7089), (474, 7101), (479, 7119), (487, 7137), (521, 7200), (563, 7281), (570, 7305), (571, 7308), (572, 7311), (581, 7320), (624, 7407), (663, 7494),

Gene: Casbah_46 Start: 41385, Stop: 42449, Start Num: 151

Candidate Starts for Casbah_46:

(Start: 151 @41385 has 50 MA's), (184, 41448), (236, 41529), (271, 41595), (279, 41610), (288, 41622), (298, 41649), (343, 41706), (346, 41715), (413, 41862), (419, 41877), (439, 41931), (452, 41964), (467, 42003), (475, 42015), (518, 42096), (533, 42114), (535, 42117), (552, 42162), (596, 42273), (649, 42384), (658, 42405), (673, 42438),

Gene: CaseJules_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for CaseJules_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Caspiboi_48 Start: 41405, Stop: 42760, Start Num: 89

Candidate Starts for Caspiboi_48:

(Start: 89 @41405 has 280 MA's), (Start: 105 @41456 has 11 MA's), (119, 41489), (185, 41618), (186, 41621), (194, 41636), (249, 41732), (273, 41771), (287, 41801), (300, 41837), (354, 41948), (365, 41978), (367, 41981), (397, 42047), (457, 42206), (477, 42254), (481, 42272), (504, 42320), (566, 42464), (588, 42524), (628, 42629), (671, 42716),

Gene: CassieYates_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for CassieYates_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: CatBus_11 Start: 6769, Stop: 7731, Start Num: 175

Candidate Starts for CatBus_11:

(Start: 175 @6769 has 331 MA's), (Start: 191 @6802 has 6 MA's), (Start: 202 @6820 has 32 MA's), (Start: 203 @6823 has 2 MA's), (366, 7090), (389, 7135), (432, 7225), (464, 7306), (468, 7318), (474, 7330), (479, 7348), (487, 7366), (500, 7390), (521, 7429), (563, 7510), (570, 7534), (571, 7537), (572, 7540), (581, 7549), (624, 7636), (644, 7681), (663, 7723),

Gene: Catdawg_67 Start: 43468, Stop: 44508, Start Num: 160

Candidate Starts for Catdawg_67:

(Start: 160 @43468 has 30 MA's), (Start: 203 @43543 has 2 MA's), (243, 43624), (246, 43630), (254, 43645), (295, 43726), (Start: 297 @43729 has 1 MA's), (339, 43783), (346, 43798), (389, 43894), (408, 43933), (416, 43963), (427, 43993), (428, 43996), (441, 44029), (468, 44095), (487, 44143), (502, 44170), (521, 44209), (608, 44383), (630, 44434),

Gene: Catera_241 Start: 143006, Stop: 144034, Start Num: 158

Candidate Starts for Catera_241:

(Start: 158 @143006 has 220 MA's), (Start: 175 @143036 has 331 MA's), (182, 143048), (Start: 203 @143090 has 2 MA's), (243, 143153), (254, 143174), (Start: 297 @143258 has 1 MA's), (331, 143300), (339, 143312), (346, 143327), (378, 143396), (389, 143423), (414, 143477), (427, 143522), (428, 143525), (460, 143603), (468, 143624), (521, 143735), (565, 143825), (570, 143843), (611, 143915), (625, 143948),

Gene: Caviar_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Caviar_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Cedasite_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Cedasite_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744),

(381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Centaur_13 Start: 6923, Stop: 7900, Start Num: 175

Candidate Starts for Centaur_13:

(Start: 175 @6923 has 331 MA's), (Start: 203 @6977 has 2 MA's), (250, 7034), (344, 7166), (362, 7214), (389, 7271), (407, 7307), (430, 7355), (444, 7394), (475, 7466), (479, 7481), (502, 7526), (513, 7544), (540, 7586), (552, 7634), (559, 7661), (565, 7676), (570, 7694), (571, 7697), (620, 7787),

Gene: CentreCat_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for CentreCat_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Cerasum_27 Start: 23733, Stop: 24731, Start Num: 158

Candidate Starts for Cerasum_27:

(Start: 158 @23733 has 220 MA's), (Start: 203 @23808 has 2 MA's), (243, 23868), (254, 23889), (Start: 297 @23973 has 1 MA's), (339, 24024), (346, 24039), (389, 24135), (430, 24222), (439, 24246), (446, 24267), (464, 24306), (468, 24318), (487, 24366), (502, 24393), (516, 24417), (521, 24432), (570, 24540), (596, 24588), (630, 24657), (644, 24687),

Gene: Cerulean_10 Start: 5859, Stop: 6839, Start Num: 177

Candidate Starts for Cerulean_10:

(Start: 177 @5859 has 116 MA's), (190, 5886), (Start: 202 @5907 has 32 MA's), (Start: 203 @5910 has 2 MA's), (362, 6159), (389, 6216), (396, 6228), (420, 6279), (432, 6300), (450, 6348), (479, 6405), (550, 6555), (598, 6678), (607, 6690), (639, 6756),

Gene: ChaChing_47 Start: 41548, Stop: 42612, Start Num: 151

Candidate Starts for ChaChing_47:

(Start: 151 @41548 has 50 MA's), (184, 41611), (236, 41692), (271, 41758), (279, 41773), (288, 41785), (298, 41812), (343, 41869), (346, 41878), (413, 42025), (419, 42040), (439, 42094), (452, 42127), (467, 42166), (475, 42178), (518, 42259), (533, 42277), (535, 42280), (552, 42325), (596, 42436), (649, 42547), (658, 42568), (673, 42601),

Gene: Chaelin_49 Start: 41402, Stop: 42757, Start Num: 89

Candidate Starts for Chaelin_49:

(Start: 89 @41402 has 280 MA's), (Start: 105 @41453 has 11 MA's), (119, 41486), (185, 41615), (186, 41618), (194, 41633), (249, 41729), (273, 41768), (287, 41798), (300, 41834), (354, 41945), (365, 41975), (367, 41978), (397, 42044), (457, 42203), (477, 42251), (481, 42269), (504, 42317), (566, 42461), (588, 42521), (628, 42626), (671, 42713),

Gene: Chah_51 Start: 41857, Stop: 43212, Start Num: 89

Candidate Starts for Chah_51:

(Start: 89 @41857 has 280 MA's), (Start: 105 @41908 has 11 MA's), (119, 41941), (185, 42070), (186, 42073), (194, 42088), (249, 42184), (273, 42223), (287, 42253), (300, 42289), (354, 42400), (365, 42430), (367, 42433), (397, 42499), (457, 42658), (477, 42706), (481, 42724), (504, 42772), (566, 42916), (588, 42976), (628, 43081), (671, 43168),

Gene: Chalmers_47 Start: 42340, Stop: 43404, Start Num: 151

Candidate Starts for Chalmers_47:

(Start: 151 @42340 has 50 MA's), (184, 42403), (236, 42484), (271, 42550), (279, 42565), (288, 42577), (298, 42604), (343, 42661), (346, 42670), (413, 42817), (419, 42832), (439, 42886), (452,

42919), (467, 42958), (475, 42970), (518, 43051), (533, 43069), (535, 43072), (552, 43117), (596, 43228), (649, 43339), (658, 43360), (673, 43393),

Gene: ChampagnePapi_10 Start: 5858, Stop: 6838, Start Num: 177

Candidate Starts for ChampagnePapi_10:

(Start: 177 @5858 has 116 MA's), (190, 5885), (Start: 202 @5906 has 32 MA's), (Start: 203 @5909 has 2 MA's), (362, 6158), (389, 6215), (396, 6227), (420, 6278), (432, 6299), (450, 6347), (479, 6404), (550, 6554), (598, 6677), (607, 6689), (639, 6755),

Gene: Chanagan_9 Start: 5600, Stop: 6568, Start Num: 175

Candidate Starts for Chanagan_9:

(Start: 175 @5600 has 331 MA's), (Start: 191 @5633 has 6 MA's), (Start: 202 @5651 has 32 MA's), (Start: 203 @5654 has 2 MA's), (366, 5921), (389, 5972), (396, 5984), (430, 6059), (455, 6122), (461, 6134), (468, 6155), (474, 6167), (479, 6185), (487, 6203), (500, 6227), (521, 6266), (563, 6347), (570, 6371), (571, 6374), (572, 6377), (581, 6386), (624, 6473), (663, 6560),

Gene: Chance64_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Chance64_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: Chancellor_32 Start: 27640, Stop: 28431, Start Num: 213

Candidate Starts for Chancellor_32:

(Start: 213 @27640 has 23 MA's), (Start: 238 @27673 has 1 MA's), (255, 27706), (268, 27730), (280, 27751), (286, 27760), (295, 27790), (300, 27799), (307, 27808), (327, 27844), (371, 27925), (465, 28132), (478, 28159), (489, 28180), (499, 28204), (594, 28228), (625, 28282), (630, 28294), (659, 28366),

Gene: Chandler_47 Start: 42316, Stop: 43380, Start Num: 151

Candidate Starts for Chandler_47:

(Start: 151 @42316 has 50 MA's), (184, 42379), (236, 42460), (271, 42526), (279, 42541), (288, 42553), (298, 42580), (343, 42637), (346, 42646), (413, 42793), (419, 42808), (439, 42862), (452, 42895), (467, 42934), (475, 42946), (518, 43027), (533, 43045), (535, 43048), (596, 43204), (649, 43315), (658, 43336), (673, 43369),

Gene: Changeling_14 Start: 8284, Stop: 9261, Start Num: 175

Candidate Starts for Changeling_14:

(Start: 175 @8284 has 331 MA's), (Start: 203 @8338 has 2 MA's), (344, 8527), (356, 8563), (362, 8575), (389, 8632), (407, 8668), (430, 8716), (444, 8755), (474, 8824), (479, 8842), (502, 8887), (513, 8905), (540, 8947), (552, 8995), (559, 9022), (565, 9037), (571, 9058), (592, 9094), (593, 9097), (620, 9148),

Gene: Chaph_10 Start: 5890, Stop: 6870, Start Num: 177

Candidate Starts for Chaph_10:

(Start: 177 @5890 has 116 MA's), (Start: 179 @5893 has 14 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (389, 6247), (432, 6331), (439, 6352), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (594, 6697), (598, 6709), (607, 6721), (639, 6787),

Gene: Chargie21_250 Start: 142761, Stop: 143789, Start Num: 158

Candidate Starts for Chargie21_250:

(Start: 158 @142761 has 220 MA's), (Start: 175 @142791 has 331 MA's), (182, 142803), (Start: 203 @142845 has 2 MA's), (243, 142908), (254, 142929), (Start: 297 @143013 has 1 MA's), (331,

143055), (339, 143067), (346, 143082), (378, 143151), (389, 143178), (414, 143232), (427, 143277), (428, 143280), (430, 143283), (460, 143358), (468, 143379), (521, 143490), (565, 143580), (570, 143598), (611, 143670), (625, 143703),

Gene: Charles1_49 Start: 41687, Stop: 43042, Start Num: 89

Candidate Starts for Charles1_49:

(Start: 89 @41687 has 280 MA's), (Start: 105 @41738 has 11 MA's), (119, 41771), (185, 41900), (186, 41903), (194, 41918), (249, 42014), (273, 42053), (287, 42083), (300, 42119), (354, 42230), (365, 42260), (367, 42263), (397, 42329), (457, 42488), (477, 42536), (481, 42554), (504, 42602), (566, 42746), (588, 42806), (628, 42911), (671, 42998),

Gene: CharlieB_247 Start: 144029, Stop: 145057, Start Num: 158

Candidate Starts for CharlieB_247:

(Start: 158 @144029 has 220 MA's), (Start: 175 @144059 has 331 MA's), (Start: 203 @144113 has 2 MA's), (243, 144176), (254, 144197), (Start: 297 @144281 has 1 MA's), (331, 144323), (339, 144335), (346, 144350), (378, 144419), (389, 144446), (414, 144500), (427, 144545), (428, 144548), (460, 144626), (468, 144647), (521, 144758), (565, 144848), (570, 144866), (611, 144938), (625, 144971),

Gene: CharlieGBrown_48 Start: 41277, Stop: 42632, Start Num: 89

Candidate Starts for CharlieGBrown_48:

(Start: 89 @41277 has 280 MA's), (Start: 105 @41328 has 11 MA's), (119, 41361), (185, 41490), (186, 41493), (194, 41508), (249, 41604), (273, 41643), (287, 41673), (300, 41709), (354, 41820), (365, 41850), (367, 41853), (397, 41919), (457, 42078), (477, 42126), (481, 42144), (504, 42192), (566, 42336), (588, 42396), (628, 42501), (671, 42588),

Gene: Chaser_26 Start: 25327, Stop: 26349, Start Num: 169

Candidate Starts for Chaser_26:

(Start: 169 @25327 has 29 MA's), (237, 25438), (258, 25471), (261, 25477), (265, 25483), (Start: 313 @25585 has 1 MA's), (316, 25588), (339, 25627), (346, 25648), (362, 25690), (389, 25747), (440, 25861), (444, 25873), (479, 25966), (523, 26047), (526, 26050), (548, 26095), (571, 26158), (581, 26170), (620, 26245), (630, 26272),

Gene: Chavito_31 Start: 26161, Stop: 26922, Start Num: 227

Candidate Starts for Chavito_31:

(167, 26056), (180, 26077), (196, 26110), (Start: 209 @26131 has 127 MA's), (Start: 227 @26161 has 136 MA's), (255, 26206), (280, 26251), (302, 26302), (307, 26308), (321, 26338), (327, 26344), (332, 26353), (346, 26386), (364, 26428), (390, 26479), (397, 26494), (465, 26629), (478, 26656), (489, 26677), (491, 26683), (499, 26701), (594, 26734), (596, 26740), (625, 26788), (652, 26860), (674, 26902), (676, 26911),

Gene: ChaylaJr_251 Start: 143703, Stop: 144731, Start Num: 158

Candidate Starts for ChaylaJr_251:

(Start: 158 @143703 has 220 MA's), (Start: 175 @143733 has 331 MA's), (182, 143745), (Start: 203 @143787 has 2 MA's), (243, 143850), (254, 143871), (Start: 297 @143955 has 1 MA's), (331, 143997), (339, 144009), (346, 144024), (378, 144093), (389, 144120), (414, 144174), (427, 144219), (428, 144222), (460, 144300), (468, 144321), (521, 144432), (565, 144522), (570, 144540), (611, 144612), (625, 144645),

Gene: Che8_33 Start: 27957, Stop: 28958, Start Num: 164

Candidate Starts for Che8_33:

(119, 27858), (Start: 164 @27957 has 214 MA's), (Start: 203 @28032 has 2 MA's), (222, 28065), (243, 28095), (254, 28116), (271, 28146), (Start: 297 @28200 has 1 MA's), (Start: 313 @28224 has 1 MA's), (331, 28239), (339, 28251), (389, 28362), (440, 28476), (446, 28494), (464, 28533), (474, 28557),

(487, 28593), (502, 28620), (521, 28659), (552, 28707), (570, 28767), (596, 28815), (603, 28827), (625, 28872), (630, 28884), (644, 28914),

Gene: Che9d_36 Start: 26815, Stop: 27888, Start Num: 164

Candidate Starts for Che9d_36:

(Start: 164 @26815 has 214 MA's), (Start: 179 @26842 has 14 MA's), (192, 26872), (243, 26953), (248, 26965), (260, 26983), (293, 27040), (301, 27064), (302, 27067), (316, 27085), (343, 27118), (346, 27127), (366, 27178), (384, 27220), (394, 27244), (399, 27253), (403, 27265), (413, 27295), (422, 27325), (423, 27328), (439, 27385), (440, 27388), (450, 27415), (454, 27424), (475, 27472), (518, 27553), (552, 27628), (596, 27736), (621, 27781), (622, 27784), (624, 27790), (630, 27805), (660, 27871),

Gene: Cheesepuff_34 Start: 28778, Stop: 29779, Start Num: 164

Candidate Starts for Cheesepuff_34:

(Start: 164 @28778 has 214 MA's), (Start: 203 @28853 has 2 MA's), (222, 28886), (243, 28916), (254, 28937), (Start: 297 @29021 has 1 MA's), (339, 29072), (346, 29087), (389, 29183), (440, 29297), (446, 29315), (464, 29354), (474, 29378), (487, 29414), (502, 29441), (521, 29480), (570, 29588), (596, 29636), (603, 29648), (625, 29693), (630, 29705), (644, 29735),

Gene: CheetO_49 Start: 41719, Stop: 43074, Start Num: 89

Candidate Starts for CheetO_49:

(Start: 89 @41719 has 280 MA's), (Start: 105 @41770 has 11 MA's), (119, 41803), (185, 41932), (186, 41935), (194, 41950), (249, 42046), (273, 42085), (287, 42115), (300, 42151), (354, 42262), (365, 42292), (367, 42295), (397, 42361), (457, 42520), (477, 42568), (481, 42586), (504, 42634), (566, 42778), (588, 42838), (628, 42943), (651, 42997), (671, 43030),

Gene: CheetoDust_31 Start: 26471, Stop: 27343, Start Num: 227

Candidate Starts for CheetoDust_31:

(Start: 209 @26444 has 127 MA's), (Start: 227 @26471 has 136 MA's), (Start: 238 @26483 has 1 MA's), (275, 26552), (288, 26579), (300, 26609), (307, 26618), (327, 26654), (332, 26663), (346, 26696), (352, 26714), (367, 26744), (397, 26804), (465, 26939), (478, 26966), (489, 26987), (499, 27011), (539, 27062), (621, 27200), (630, 27224), (674, 27323), (676, 27332),

Gene: Cheetobro_32 Start: 27637, Stop: 28428, Start Num: 213

Candidate Starts for Cheetobro_32:

(Start: 213 @27637 has 23 MA's), (Start: 238 @27670 has 1 MA's), (255, 27703), (268, 27727), (280, 27748), (286, 27757), (295, 27787), (300, 27796), (307, 27805), (327, 27841), (371, 27922), (465, 28129), (478, 28156), (489, 28177), (499, 28201), (594, 28225), (625, 28279), (630, 28291), (659, 28363),

Gene: Chentzyk_47 Start: 41897, Stop: 42961, Start Num: 151

Candidate Starts for Chentzyk_47:

(Start: 151 @41897 has 50 MA's), (184, 41960), (236, 42041), (271, 42107), (279, 42122), (288, 42134), (298, 42161), (343, 42218), (346, 42227), (413, 42374), (419, 42389), (439, 42443), (452, 42476), (467, 42515), (475, 42527), (518, 42608), (533, 42626), (535, 42629), (552, 42674), (596, 42785), (649, 42896), (658, 42917), (673, 42950),

Gene: Cher_48 Start: 41424, Stop: 42779, Start Num: 89

Candidate Starts for Cher_48:

(Start: 89 @41424 has 280 MA's), (Start: 105 @41475 has 11 MA's), (119, 41508), (185, 41637), (186, 41640), (194, 41655), (249, 41751), (273, 41790), (287, 41820), (300, 41856), (354, 41967), (365, 41997), (367, 42000), (397, 42066), (457, 42225), (477, 42273), (481, 42291), (504, 42339), (566, 42483), (588, 42543), (628, 42648), (671, 42735),

Gene: Cherrybomb426_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Cherrybomb426_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Chevrolet_32 Start: 28051, Stop: 29067, Start Num: 164

Candidate Starts for Chevrolet_32:

(84, 27820), (85, 27823), (93, 27871), (142, 28006), (144, 28015), (Start: 164 @28051 has 214 MA's), (232, 28183), (243, 28204), (254, 28225), (271, 28255), (278, 28267), (Start: 297 @28309 has 1 MA's), (339, 28360), (389, 28471), (440, 28585), (446, 28603), (464, 28642), (474, 28666), (487, 28702), (502, 28729), (521, 28768), (570, 28876), (596, 28924), (603, 28936), (625, 28981), (630, 28993), (644, 29023),

Gene: ChickenDinner_33 Start: 28140, Stop: 29141, Start Num: 164

Candidate Starts for ChickenDinner_33:

(79, 27879), (119, 28041), (Start: 164 @28140 has 214 MA's), (Start: 203 @28215 has 2 MA's), (243, 28278), (254, 28299), (Start: 297 @28383 has 1 MA's), (Start: 313 @28407 has 1 MA's), (331, 28422), (339, 28434), (389, 28545), (440, 28659), (446, 28677), (464, 28716), (474, 28740), (487, 28776), (502, 28803), (521, 28842), (570, 28950), (596, 28998), (603, 29010), (630, 29067), (644, 29097),

Gene: ChickenPhender_248 Start: 142459, Stop: 143487, Start Num: 158

Candidate Starts for ChickenPhender_248:

(Start: 158 @142459 has 220 MA's), (Start: 175 @142489 has 331 MA's), (182, 142501), (Start: 203 @142543 has 2 MA's), (243, 142606), (254, 142627), (Start: 297 @142711 has 1 MA's), (331, 142753), (339, 142765), (346, 142780), (378, 142849), (389, 142876), (414, 142930), (427, 142975), (428, 142978), (460, 143056), (468, 143077), (521, 143188), (565, 143278), (570, 143296), (611, 143368), (625, 143401),

Gene: Childish_48 Start: 41427, Stop: 42782, Start Num: 89

Candidate Starts for Childish_48:

(Start: 89 @41427 has 280 MA's), (Start: 105 @41478 has 11 MA's), (119, 41511), (185, 41640), (186, 41643), (194, 41658), (249, 41754), (273, 41793), (287, 41823), (300, 41859), (354, 41970), (365, 42000), (367, 42003), (397, 42069), (457, 42228), (477, 42276), (481, 42294), (504, 42342), (566, 42486), (588, 42546), (628, 42651), (671, 42738),

Gene: ChipMunk_13 Start: 6810, Stop: 7802, Start Num: 175

Candidate Starts for ChipMunk_13:

(Start: 175 @6810 has 331 MA's), (Start: 202 @6861 has 32 MA's), (Start: 203 @6864 has 2 MA's), (309, 7032), (344, 7065), (368, 7125), (389, 7170), (430, 7257), (450, 7302), (476, 7341), (497, 7389), (507, 7404), (542, 7470), (549, 7494), (552, 7512), (580, 7599), (607, 7647), (636, 7713), (669, 7788),

Gene: Chipette_50 Start: 41917, Stop: 43272, Start Num: 89

Candidate Starts for Chipette_50:

(Start: 89 @41917 has 280 MA's), (Start: 105 @41968 has 11 MA's), (119, 42001), (128, 42019), (185, 42130), (186, 42133), (194, 42148), (249, 42244), (273, 42283), (287, 42313), (300, 42349), (354, 42460), (365, 42490), (367, 42493), (397, 42559), (457, 42718), (477, 42766), (481, 42784), (504, 42832), (566, 42976), (588, 43036), (628, 43141), (651, 43195), (671, 43228),

Gene: Chiqui_9 Start: 5958, Stop: 6698, Start Num: 315

Candidate Starts for Chiqui_9:

(183, 5772), (220, 5841), (Start: 315 @5958 has 18 MA's), (362, 6045), (389, 6102), (396, 6114), (398, 6117), (408, 6141), (414, 6156), (430, 6180), (439, 6204), (441, 6210), (452, 6237), (479, 6306), (518, 6378), (546, 6420), (552, 6447), (559, 6474), (570, 6507), (571, 6510), (593, 6549), (666, 6690),

Gene: Chomp_251 Start: 145895, Stop: 146923, Start Num: 158

Candidate Starts for Chomp_251:

(Start: 158 @145895 has 220 MA's), (Start: 175 @145925 has 331 MA's), (182, 145937), (Start: 203 @145979 has 2 MA's), (243, 146042), (254, 146063), (Start: 297 @146147 has 1 MA's), (331, 146189), (339, 146201), (346, 146216), (378, 146285), (389, 146312), (414, 146366), (427, 146411), (428, 146414), (460, 146492), (468, 146513), (521, 146624), (565, 146714), (570, 146732), (611, 146804), (625, 146837),

Gene: Chorkpop_49 Start: 41435, Stop: 42790, Start Num: 89

Candidate Starts for Chorkpop_49:

(Start: 89 @41435 has 280 MA's), (Start: 105 @41486 has 11 MA's), (119, 41519), (128, 41537), (185, 41648), (186, 41651), (194, 41666), (249, 41762), (273, 41801), (287, 41831), (300, 41867), (354, 41978), (365, 42008), (367, 42011), (397, 42077), (457, 42236), (477, 42284), (481, 42302), (504, 42350), (566, 42494), (588, 42554), (628, 42659), (671, 42746),

Gene: ChosenOne_35 Start: 31066, Stop: 31923, Start Num: 209

Candidate Starts for ChosenOne_35:

(Start: 209 @31066 has 127 MA's), (229, 31105), (244, 31135), (255, 31156), (274, 31192), (288, 31222), (327, 31297), (352, 31345), (355, 31348), (365, 31372), (367, 31375), (378, 31390), (443, 31561), (494, 31675), (501, 31690), (504, 31696), (582, 31738), (584, 31741), (612, 31795), (646, 31873), (662, 31906),

Gene: ChotaBhai_35 Start: 31104, Stop: 31961, Start Num: 209

Candidate Starts for ChotaBhai_35:

(Start: 209 @31104 has 127 MA's), (229, 31143), (244, 31173), (255, 31194), (274, 31230), (288, 31260), (327, 31335), (352, 31383), (355, 31386), (365, 31410), (367, 31413), (378, 31428), (443, 31599), (494, 31713), (501, 31728), (504, 31734), (582, 31776), (584, 31779), (612, 31833), (646, 31911), (662, 31944),

Gene: Chris_30 Start: 25746, Stop: 26486, Start Num: 227

Candidate Starts for Chris_30:

(Start: 209 @25719 has 127 MA's), (Start: 227 @25746 has 136 MA's), (240, 25761), (255, 25791), (275, 25827), (307, 25884), (327, 25920), (346, 25962), (397, 26070), (478, 26232), (491, 26259), (499, 26277), (506, 26289), (594, 26301), (621, 26343), (628, 26364), (630, 26367), (674, 26466), (676, 26475),

Gene: ChristmasHams_10 Start: 6121, Stop: 7035, Start Num: 203

Candidate Starts for ChristmasHams_10:

(Start: 175 @6067 has 331 MA's), (Start: 191 @6100 has 6 MA's), (Start: 202 @6118 has 32 MA's), (Start: 203 @6121 has 2 MA's), (366, 6388), (389, 6439), (396, 6451), (430, 6526), (455, 6589), (468, 6622), (474, 6634), (479, 6652), (487, 6670), (500, 6694), (521, 6733), (563, 6814), (570, 6838), (571, 6841), (572, 6844), (581, 6853), (624, 6940), (663, 7027),

Gene: Chubbello_27 Start: 24051, Stop: 25217, Start Num: 110

Candidate Starts for Chubbello_27:

(Start: 110 @24051 has 51 MA's), (134, 24108), (178, 24195), (207, 24240), (249, 24315), (264, 24336), (300, 24420), (327, 24459), (354, 24525), (365, 24555), (379, 24576), (397, 24621), (434, 24717), (447, 24756), (461, 24771), (477, 24810), (517, 24897), (524, 24915), (531, 24921), (571, 24969), (588, 24990), (621, 25062), (651, 25137),

Gene: Chuckly_31 Start: 27691, Stop: 28692, Start Num: 164

Candidate Starts for Chuckly_31:

(Start: 164 @27691 has 214 MA's), (Start: 175 @27712 has 331 MA's), (182, 27724), (Start: 203 @27766 has 2 MA's), (243, 27829), (254, 27850), (271, 27880), (Start: 297 @27934 has 1 MA's), (Start: 313 @27958 has 1 MA's), (339, 27985), (389, 28096), (440, 28210), (446, 28228), (464, 28267), (474, 28291), (487, 28327), (502, 28354), (521, 28393), (552, 28441), (570, 28501), (603, 28561), (630, 28618), (644, 28648),

Gene: Chuni_48 Start: 41721, Stop: 43076, Start Num: 89

Candidate Starts for Chuni_48:

(Start: 89 @41721 has 280 MA's), (Start: 105 @41772 has 11 MA's), (119, 41805), (128, 41823), (185, 41934), (186, 41937), (194, 41952), (249, 42048), (273, 42087), (287, 42117), (300, 42153), (354, 42264), (365, 42294), (367, 42297), (397, 42363), (457, 42522), (477, 42570), (481, 42588), (504, 42636), (566, 42780), (588, 42840), (628, 42945), (671, 43032),

Gene: Chunky_49 Start: 41722, Stop: 43086, Start Num: 89

Candidate Starts for Chunky_49:

(Start: 89 @41722 has 280 MA's), (Start: 105 @41773 has 11 MA's), (119, 41806), (185, 41935), (186, 41938), (194, 41953), (249, 42049), (273, 42088), (287, 42118), (300, 42154), (354, 42265), (365, 42295), (367, 42298), (397, 42364), (457, 42523), (477, 42571), (481, 42589), (504, 42637), (566, 42781), (588, 42841), (628, 42946), (671, 43033),

Gene: Chupacabra_10 Start: 5710, Stop: 6684, Start Num: 175

Candidate Starts for Chupacabra_10:

(154, 5671), (Start: 175 @5710 has 331 MA's), (Start: 203 @5764 has 2 MA's), (299, 5917), (389, 6079), (398, 6094), (407, 6115), (430, 6163), (439, 6187), (441, 6193), (444, 6202), (474, 6271), (479, 6289), (502, 6334), (513, 6352), (552, 6430), (559, 6457), (565, 6472), (571, 6493), (620, 6583), (640, 6625), (663, 6676),

Gene: Chute_48 Start: 41751, Stop: 43106, Start Num: 89

Candidate Starts for Chute_48:

(Start: 89 @41751 has 280 MA's), (Start: 105 @41802 has 11 MA's), (119, 41835), (185, 41964), (186, 41967), (194, 41982), (249, 42078), (273, 42117), (287, 42147), (300, 42183), (354, 42294), (365, 42324), (367, 42327), (397, 42393), (457, 42552), (477, 42600), (481, 42618), (504, 42666), (566, 42810), (588, 42870), (628, 42975), (671, 43062),

Gene: ChutneyChips_26 Start: 25510, Stop: 26532, Start Num: 169

Candidate Starts for ChutneyChips_26:

(Start: 169 @25510 has 29 MA's), (258, 25654), (261, 25660), (265, 25666), (Start: 313 @25768 has 1 MA's), (316, 25771), (339, 25810), (346, 25831), (362, 25873), (389, 25930), (440, 26044), (444, 26056), (479, 26149), (523, 26230), (526, 26233), (548, 26278), (571, 26341), (581, 26353), (620, 26428), (630, 26455),

Gene: Ciao_10 Start: 5986, Stop: 6954, Start Num: 175

Candidate Starts for Ciao_10:

(Start: 175 @5986 has 331 MA's), (Start: 191 @6019 has 6 MA's), (Start: 202 @6037 has 32 MA's), (Start: 203 @6040 has 2 MA's), (366, 6307), (389, 6358), (396, 6370), (430, 6445), (455, 6508), (461, 6520), (468, 6541), (474, 6553), (479, 6571), (487, 6589), (500, 6613), (521, 6652), (563, 6733), (570, 6757), (571, 6760), (572, 6763), (581, 6772), (644, 6904), (663, 6946),

Gene: CicholasNage_26 Start: 25549, Stop: 26580, Start Num: 169

Candidate Starts for CicholasNage_26:

(Start: 169 @25549 has 29 MA's), (263, 25702), (265, 25705), (277, 25729), (284, 25741), (293, 25759), (Start: 297 @25777 has 1 MA's), (304, 25795), (309, 25801), (316, 25810), (322, 25825), (333, 25840), (362, 25912), (389, 25969), (408, 26008), (441, 26086), (444, 26095), (445, 26098), (452, 26113), (472, 26167), (479, 26188), (485, 26203), (537, 26287), (548, 26317), (571, 26386), (581, 26398), (593, 26422), (599, 26440), (602, 26443), (611, 26455), (613, 26458), (625, 26488), (630, 26500),

Gene: Cici_10 Start: 5878, Stop: 6858, Start Num: 177

Candidate Starts for Cici_10:

(138, 5818), (146, 5836), (Start: 177 @5878 has 116 MA's), (Start: 179 @5881 has 14 MA's), (190, 5905), (Start: 202 @5926 has 32 MA's), (Start: 203 @5929 has 2 MA's), (362, 6178), (388, 6229), (389, 6235), (396, 6247), (409, 6277), (432, 6319), (450, 6367), (469, 6397), (479, 6424), (550, 6574), (598, 6697), (607, 6709), (612, 6718), (639, 6775), (671, 6850),

Gene: Cindaradix_9 Start: 5587, Stop: 6567, Start Num: 177

Candidate Starts for Cindaradix_9:

(Start: 177 @5587 has 116 MA's), (190, 5614), (Start: 202 @5635 has 32 MA's), (Start: 203 @5638 has 2 MA's), (335, 5818), (362, 5887), (378, 5914), (389, 5944), (396, 5956), (420, 6007), (432, 6028), (439, 6049), (450, 6076), (469, 6106), (479, 6133), (550, 6283), (607, 6418), (612, 6427), (639, 6484), (671, 6559),

Gene: CindyLou_253 Start: 146155, Stop: 147183, Start Num: 158

Candidate Starts for CindyLou_253:

(Start: 158 @146155 has 220 MA's), (Start: 175 @146185 has 331 MA's), (182, 146197), (Start: 203 @146239 has 2 MA's), (243, 146302), (254, 146323), (Start: 297 @146407 has 1 MA's), (331, 146449), (339, 146461), (346, 146476), (378, 146545), (389, 146572), (414, 146626), (427, 146671), (428, 146674), (460, 146752), (468, 146773), (521, 146884), (565, 146974), (570, 146992), (611, 147064), (625, 147097),

Gene: Cintron_10 Start: 5926, Stop: 6906, Start Num: 177

Candidate Starts for Cintron_10:

(Start: 177 @5926 has 116 MA's), (190, 5953), (Start: 202 @5974 has 32 MA's), (Start: 203 @5977 has 2 MA's), (362, 6226), (388, 6277), (389, 6283), (396, 6295), (427, 6358), (432, 6367), (450, 6415), (479, 6472), (550, 6622), (556, 6646), (567, 6679), (595, 6736), (607, 6757), (639, 6823), (671, 6898),

Gene: Citius_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Citius_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Cjw1_35 Start: 32618, Stop: 33475, Start Num: 209

Candidate Starts for Cjw1_35:

(Start: 209 @32618 has 127 MA's), (229, 32657), (244, 32687), (255, 32708), (274, 32744), (288, 32774), (327, 32849), (352, 32897), (355, 32900), (365, 32924), (367, 32927), (378, 32942), (443, 33113), (494, 33227), (501, 33242), (504, 33248), (582, 33290), (584, 33293), (612, 33347), (646, 33425), (662, 33458),

Gene: Clammy_10 Start: 5739, Stop: 6479, Start Num: 315

Candidate Starts for Clammy_10:

(220, 5622), (Start: 315 @5739 has 18 MA's), (362, 5826), (389, 5883), (396, 5895), (398, 5898), (408, 5922), (414, 5937), (427, 5955), (439, 5985), (441, 5991), (444, 6000), (452, 6018), (474, 6069), (479, 6087), (518, 6159), (546, 6201), (552, 6228), (559, 6255), (570, 6288), (571, 6291), (593, 6330), (666,

6471),

Gene: Clank_29 Start: 26948, Stop: 27949, Start Num: 164

Candidate Starts for Clank_29:

(Start: 164 @26948 has 214 MA's), (Start: 203 @27023 has 2 MA's), (222, 27056), (243, 27086), (254, 27107), (Start: 297 @27191 has 1 MA's), (339, 27242), (346, 27257), (389, 27353), (440, 27467), (446, 27485), (464, 27524), (474, 27548), (487, 27584), (502, 27611), (521, 27650), (552, 27698), (570, 27758), (596, 27806), (603, 27818), (625, 27863), (630, 27875), (644, 27905),

Gene: Clarenza_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Clarenza_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Claus_28 Start: 26280, Stop: 27251, Start Num: 112

Candidate Starts for Claus_28:

(Start: 112 @26280 has 24 MA's), (134, 26334), (192, 26454), (Start: 202 @26469 has 32 MA's), (211, 26484), (219, 26499), (Start: 238 @26532 has 1 MA's), (255, 26565), (288, 26628), (307, 26655), (319, 26679), (365, 26760), (374, 26772), (385, 26799), (402, 26835), (407, 26850), (412, 26865), (431, 26910), (437, 26925), (478, 27006), (488, 27024), (489, 27027), (491, 27030), (504, 27057), (625, 27126), (644, 27168), (664, 27210),

Gene: Clautastrophe_28 Start: 26850, Stop: 27893, Start Num: 111

Candidate Starts for Clautastrophe_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: Cleatunium_246 Start: 144165, Stop: 145193, Start Num: 158

Candidate Starts for Cleatunium_246:

(Start: 158 @144165 has 220 MA's), (Start: 175 @144195 has 331 MA's), (182, 144207), (Start: 203 @144249 has 2 MA's), (243, 144312), (254, 144333), (Start: 297 @144417 has 1 MA's), (331, 144459), (339, 144471), (346, 144486), (378, 144555), (389, 144582), (414, 144636), (427, 144681), (428, 144684), (460, 144762), (468, 144783), (521, 144894), (565, 144984), (570, 145002), (611, 145074), (625, 145107),

Gene: Clifton_25 Start: 23661, Stop: 24662, Start Num: 164

Candidate Starts for Clifton_25:

(Start: 164 @23661 has 214 MA's), (Start: 175 @23682 has 331 MA's), (182, 23694), (Start: 203 @23736 has 2 MA's), (243, 23799), (254, 23820), (271, 23850), (Start: 297 @23904 has 1 MA's), (Start: 313 @23928 has 1 MA's), (331, 23943), (339, 23955), (389, 24066), (440, 24180), (446, 24198), (464, 24237), (474, 24261), (487, 24297), (502, 24324), (521, 24363), (552, 24411), (570, 24471), (603, 24531), (630, 24588), (644, 24618),

Gene: Clipper_31 Start: 26471, Stop: 27343, Start Num: 227

Candidate Starts for Clipper_31:

(Start: 209 @26444 has 127 MA's), (Start: 227 @26471 has 136 MA's), (Start: 238 @26483 has 1 MA's), (275, 26552), (288, 26579), (300, 26609), (307, 26618), (327, 26654), (332, 26663), (346, 26696), (352, 26714), (367, 26744), (395, 26801), (397, 26804), (465, 26939), (478, 26966), (489, 26987), (499, 27011), (539, 27062), (596, 27164), (621, 27200), (630, 27224), (674, 27323), (676, 27332),

Gene: ClownCar_13 Start: 6031, Stop: 6996, Start Num: 166

Candidate Starts for ClownCar_13:

(Start: 166 @6031 has 96 MA's), (Start: 203 @6097 has 2 MA's), (241, 6151), (291, 6229), (362, 6352), (389, 6409), (430, 6481), (444, 6520), (452, 6538), (479, 6607), (546, 6724), (552, 6751), (571, 6814), (620, 6904), (622, 6910),

Gene: Cobra_49 Start: 41708, Stop: 43063, Start Num: 89

Candidate Starts for Cobra_49:

(Start: 89 @41708 has 280 MA's), (Start: 105 @41759 has 11 MA's), (119, 41792), (185, 41921), (186, 41924), (194, 41939), (249, 42035), (273, 42074), (287, 42104), (300, 42140), (354, 42251), (365, 42281), (367, 42284), (397, 42350), (457, 42509), (477, 42557), (481, 42575), (504, 42623), (566, 42767), (588, 42827), (628, 42932), (671, 43019),

Gene: Coco12_31 Start: 27582, Stop: 28580, Start Num: 158

Candidate Starts for Coco12_31:

(Start: 158 @27582 has 220 MA's), (Start: 203 @27657 has 2 MA's), (243, 27717), (254, 27738), (Start: 297 @27822 has 1 MA's), (339, 27873), (346, 27888), (389, 27984), (430, 28071), (439, 28095), (446, 28116), (464, 28155), (468, 28167), (487, 28215), (502, 28242), (516, 28266), (521, 28281), (570, 28389), (596, 28437), (630, 28506), (644, 28536),

Gene: Cocoaberry_10 Start: 5885, Stop: 6865, Start Num: 177

Candidate Starts for Cocoaberry_10:

(Start: 177 @5885 has 116 MA's), (Start: 179 @5888 has 14 MA's), (190, 5912), (Start: 202 @5933 has 32 MA's), (Start: 203 @5936 has 2 MA's), (362, 6185), (389, 6242), (432, 6326), (439, 6347), (450, 6374), (469, 6404), (479, 6431), (550, 6581), (594, 6692), (598, 6704), (607, 6716), (639, 6782),

Gene: Colbert_49 Start: 41775, Stop: 43130, Start Num: 89

Candidate Starts for Colbert_49:

(Start: 89 @41775 has 280 MA's), (Start: 105 @41826 has 11 MA's), (119, 41859), (185, 41988), (186, 41991), (194, 42006), (249, 42102), (273, 42141), (287, 42171), (300, 42207), (354, 42318), (365, 42348), (367, 42351), (397, 42417), (457, 42576), (477, 42624), (481, 42642), (504, 42690), (566, 42834), (588, 42894), (628, 42999), (651, 43053), (671, 43086),

Gene: Colbster_12 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for Colbster_12:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Coleslaw_28 Start: 25192, Stop: 26400, Start Num: 96

Candidate Starts for Coleslaw_28:

(72, 25099), (Start: 96 @25192 has 92 MA's), (168, 25366), (211, 25438), (273, 25537), (278, 25546), (288, 25570), (293, 25579), (300, 25603), (310, 25624), (327, 25651), (334, 25663), (361, 25735), (381, 25774), (461, 25963), (470, 25987), (477, 26002), (483, 26023), (504, 26068), (506, 26071), (541, 26122),

Gene: Coletti_49 Start: 41751, Stop: 43106, Start Num: 89

Candidate Starts for Coletti_49:

(Start: 89 @41751 has 280 MA's), (Start: 105 @41802 has 11 MA's), (119, 41835), (185, 41964), (186, 41967), (194, 41982), (249, 42078), (273, 42117), (287, 42147), (300, 42183), (354, 42294), (365, 42324), (367, 42327), (397, 42393), (457, 42552), (477, 42600), (481, 42618), (504, 42666), (566, 42810), (588, 42870), (628, 42975), (671, 43062),

Gene: Colin_15 Start: 8102, Stop: 9079, Start Num: 175

Candidate Starts for Colin_15:

(149, 8060), (Start: 175 @8102 has 331 MA's), (Start: 203 @8156 has 2 MA's), (362, 8393), (389, 8450), (430, 8534), (441, 8564), (444, 8573), (474, 8642), (479, 8660), (513, 8723), (540, 8765), (552, 8813), (559, 8840), (565, 8855), (570, 8873), (571, 8876), (593, 8915), (618, 8957), (620, 8966),

Gene: Collard_30 Start: 27188, Stop: 27949, Start Num: 226

Candidate Starts for Collard_30:

(196, 27140), (Start: 226 @27188 has 29 MA's), (Start: 238 @27200 has 1 MA's), (240, 27203), (242, 27206), (255, 27233), (275, 27269), (302, 27329), (307, 27335), (321, 27365), (327, 27371), (332, 27380), (346, 27413), (364, 27455), (365, 27458), (374, 27470), (390, 27506), (397, 27521), (410, 27557), (465, 27656), (478, 27683), (489, 27704), (596, 27767), (618, 27791), (625, 27815), (651, 27884), (674, 27929), (676, 27938),

Gene: Colt_242 Start: 146866, Stop: 147900, Start Num: 158

Candidate Starts for Colt_242:

(Start: 158 @146866 has 220 MA's), (Start: 175 @146896 has 331 MA's), (Start: 203 @146950 has 2 MA's), (243, 147013), (254, 147034), (Start: 297 @147118 has 1 MA's), (331, 147160), (339, 147172), (346, 147187), (378, 147256), (389, 147283), (414, 147337), (427, 147382), (428, 147385), (460, 147463), (468, 147484), (521, 147595), (565, 147685), (570, 147703), (611, 147775), (625, 147808), (665, 147895),

Gene: Command613_36 Start: 32125, Stop: 32982, Start Num: 209

Candidate Starts for Command613_36:

(Start: 209 @32125 has 127 MA's), (229, 32164), (244, 32194), (255, 32215), (274, 32251), (288, 32281), (327, 32356), (352, 32404), (355, 32407), (365, 32431), (367, 32434), (378, 32449), (443, 32620), (494, 32734), (501, 32749), (504, 32755), (582, 32797), (584, 32800), (612, 32854), (646, 32932), (662, 32965),

Gene: Commander_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Commander_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Compostia_48 Start: 41964, Stop: 43028, Start Num: 151

Candidate Starts for Compostia_48:

(Start: 151 @41964 has 50 MA's), (184, 42027), (236, 42108), (271, 42174), (279, 42189), (288, 42201), (298, 42228), (343, 42285), (346, 42294), (413, 42441), (419, 42456), (439, 42510), (452, 42543), (467, 42582), (475, 42594), (518, 42675), (533, 42693), (535, 42696), (552, 42741), (596, 42852), (649, 42963), (658, 42984), (673, 43017),

Gene: ConceptII_10 Start: 6237, Stop: 7205, Start Num: 175

Candidate Starts for ConceptII_10:

(Start: 175 @6237 has 331 MA's), (Start: 191 @6270 has 6 MA's), (Start: 202 @6288 has 32 MA's), (Start: 203 @6291 has 2 MA's), (366, 6558), (389, 6609), (396, 6621), (430, 6696), (455, 6759), (468, 6792), (474, 6804), (479, 6822), (487, 6840), (500, 6864), (521, 6903), (563, 6984), (570, 7008), (571, 7011), (572, 7014), (581, 7023), (624, 7110), (663, 7197),

Gene: Concombre_258 Start: 146500, Stop: 147528, Start Num: 158

Candidate Starts for Concombre_258:

(Start: 158 @146500 has 220 MA's), (Start: 175 @146530 has 331 MA's), (182, 146542), (Start: 203 @146584 has 2 MA's), (243, 146647), (254, 146668), (Start: 297 @146752 has 1 MA's), (331, 146794), (339, 146806), (346, 146821), (378, 146890), (389, 146917), (414, 146971), (427, 147016), (428, 147019), (460, 147097), (468, 147118), (521, 147229), (565, 147319), (570, 147337), (611, 147409), (625, 147442),

Gene: Connomayer_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Connomayer_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Constella_41 Start: 38707, Stop: 39573, Start Num: 202

Candidate Starts for Constella_41:

(Start: 202 @38707 has 32 MA's), (Start: 218 @38734 has 1 MA's), (278, 38842), (288, 38863), (308, 38908), (327, 38929), (342, 38950), (364, 39004), (387, 39055), (407, 39106), (473, 39256), (489, 39298), (517, 39349), (524, 39367), (584, 39433), (591, 39445), (593, 39454), (602, 39484), (633, 39547),

Gene: Contagion_34 Start: 31362, Stop: 32219, Start Num: 209

Candidate Starts for Contagion_34:

(Start: 209 @31362 has 127 MA's), (229, 31401), (244, 31431), (255, 31452), (274, 31488), (288, 31518), (327, 31593), (352, 31641), (355, 31644), (365, 31668), (367, 31671), (378, 31686), (443, 31857), (494, 31971), (501, 31986), (504, 31992), (582, 32034), (584, 32037), (612, 32091), (646, 32169), (662, 32202),

Gene: Cookies_35 Start: 31727, Stop: 32584, Start Num: 209

Candidate Starts for Cookies_35:

(Start: 209 @31727 has 127 MA's), (229, 31766), (244, 31796), (255, 31817), (274, 31853), (288, 31883), (327, 31958), (352, 32006), (355, 32009), (365, 32033), (367, 32036), (378, 32051), (443, 32222), (494, 32336), (501, 32351), (504, 32357), (582, 32399), (584, 32402), (612, 32456), (646, 32534), (662, 32567),

Gene: Corium_31 Start: 27715, Stop: 28716, Start Num: 164

Candidate Starts for Corium_31:

(Start: 164 @27715 has 214 MA's), (Start: 203 @27790 has 2 MA's), (222, 27823), (243, 27853), (254, 27874), (271, 27904), (Start: 297 @27958 has 1 MA's), (Start: 313 @27982 has 1 MA's), (331, 27997), (339, 28009), (389, 28120), (440, 28234), (446, 28252), (464, 28291), (474, 28315), (487, 28351), (502, 28378), (521, 28417), (570, 28525), (596, 28573), (603, 28585), (625, 28630), (630, 28642), (644, 28672),

Gene: Cornbread_48 Start: 41424, Stop: 42779, Start Num: 89

Candidate Starts for Cornbread_48:

(Start: 89 @41424 has 280 MA's), (Start: 105 @41475 has 11 MA's), (119, 41508), (185, 41637), (186, 41640), (194, 41655), (249, 41751), (273, 41790), (287, 41820), (300, 41856), (354, 41967), (365, 41997), (367, 42000), (397, 42066), (457, 42225), (477, 42273), (481, 42291), (504, 42339), (566, 42483), (588, 42543), (628, 42648), (671, 42735),

Gene: Corndog_70 Start: 44462, Stop: 45502, Start Num: 160

Candidate Starts for Corndog_70:

(Start: 160 @44462 has 30 MA's), (Start: 203 @44537 has 2 MA's), (243, 44618), (246, 44624), (254, 44639), (295, 44720), (Start: 297 @44723 has 1 MA's), (339, 44777), (346, 44792), (389, 44888), (408, 44927), (416, 44957), (427, 44987), (428, 44990), (441, 45023), (468, 45089), (482, 45128), (487,

45137), (502, 45164), (521, 45203), (608, 45377), (630, 45428),

Gene: Cornie_31 Start: 28018, Stop: 29019, Start Num: 164

Candidate Starts for Cornie_31:

(Start: 164 @28018 has 214 MA's), (Start: 203 @28093 has 2 MA's), (222, 28126), (243, 28156), (254, 28177), (271, 28207), (278, 28219), (Start: 297 @28261 has 1 MA's), (Start: 313 @28285 has 1 MA's), (331, 28300), (339, 28312), (389, 28423), (440, 28537), (446, 28555), (464, 28594), (474, 28618), (487, 28654), (502, 28681), (516, 28705), (521, 28720), (570, 28828), (596, 28876), (630, 28945), (644, 28975),

Gene: Cornobble_48 Start: 41265, Stop: 42620, Start Num: 89

Candidate Starts for Cornobble_48:

(Start: 89 @41265 has 280 MA's), (Start: 105 @41316 has 11 MA's), (119, 41349), (185, 41478), (186, 41481), (194, 41496), (249, 41592), (273, 41631), (287, 41661), (300, 41697), (354, 41808), (365, 41838), (367, 41841), (397, 41907), (457, 42066), (477, 42114), (481, 42132), (504, 42180), (566, 42324), (588, 42384), (628, 42489), (651, 42543), (671, 42576),

Gene: Cornucopia_32 Start: 27534, Stop: 28535, Start Num: 158

Candidate Starts for Cornucopia_32:

(Start: 158 @27534 has 220 MA's), (Start: 203 @27609 has 2 MA's), (222, 27642), (243, 27672), (254, 27693), (Start: 297 @27777 has 1 MA's), (339, 27828), (389, 27939), (439, 28050), (446, 28071), (464, 28110), (468, 28122), (487, 28170), (502, 28197), (516, 28221), (521, 28236), (570, 28344), (603, 28404), (630, 28461), (644, 28491),

Gene: Corofin_47 Start: 41559, Stop: 42623, Start Num: 151

Candidate Starts for Corofin_47:

(Start: 151 @41559 has 50 MA's), (184, 41622), (236, 41703), (271, 41769), (279, 41784), (288, 41796), (298, 41823), (343, 41880), (346, 41889), (413, 42036), (419, 42051), (439, 42105), (452, 42138), (467, 42177), (475, 42189), (518, 42270), (533, 42288), (535, 42291), (596, 42447), (649, 42558), (658, 42579), (673, 42612),

Gene: Corvo_10 Start: 6181, Stop: 7149, Start Num: 175

Candidate Starts for Corvo_10:

(Start: 175 @6181 has 331 MA's), (Start: 191 @6214 has 6 MA's), (Start: 202 @6232 has 32 MA's), (Start: 203 @6235 has 2 MA's), (366, 6502), (389, 6553), (396, 6565), (430, 6640), (455, 6703), (461, 6715), (468, 6736), (474, 6748), (479, 6766), (487, 6784), (500, 6808), (521, 6847), (563, 6928), (570, 6952), (571, 6955), (572, 6958), (581, 6967), (624, 7054), (663, 7141),

Gene: Cosmo_52 Start: 38381, Stop: 39346, Start Num: 164

Candidate Starts for Cosmo_52:

(Start: 164 @38381 has 214 MA's), (197, 38444), (244, 38504), (252, 38519), (254, 38522), (262, 38534), (266, 38540), (288, 38576), (290, 38579), (339, 38651), (346, 38666), (348, 38672), (378, 38735), (389, 38765), (406, 38798), (439, 38861), (440, 38864), (455, 38903), (468, 38936), (479, 38963), (482, 38972), (500, 39005), (567, 39140), (571, 39155), (596, 39200), (620, 39242), (630, 39269), (649, 39311),

Gene: Cosmolli16_48 Start: 41415, Stop: 42770, Start Num: 89

Candidate Starts for Cosmolli16_48:

(Start: 89 @41415 has 280 MA's), (Start: 105 @41466 has 11 MA's), (119, 41499), (185, 41628), (186, 41631), (194, 41646), (249, 41742), (273, 41781), (287, 41811), (300, 41847), (354, 41958), (365, 41988), (367, 41991), (397, 42057), (457, 42216), (477, 42264), (481, 42282), (504, 42330), (566, 42474), (588, 42534), (628, 42639), (671, 42726),

Gene: Courthouse_48 Start: 39086, Stop: 40090, Start Num: 103

Candidate Starts for Courthouse_48:

(Start: 103 @39086 has 9 MA's), (130, 39140), (Start: 158 @39191 has 220 MA's), (196, 39263), (244, 39338), (307, 39452), (314, 39464), (332, 39497), (365, 39566), (374, 39578), (380, 39590), (382, 39593), (401, 39638), (407, 39656), (478, 39818), (486, 39833), (490, 39842), (671, 40043),

Gene: Craff_50 Start: 41843, Stop: 43198, Start Num: 89

Candidate Starts for Craff_50:

(Start: 89 @41843 has 280 MA's), (Start: 105 @41894 has 11 MA's), (119, 41927), (185, 42056), (186, 42059), (194, 42074), (249, 42170), (273, 42209), (287, 42239), (300, 42275), (354, 42386), (365, 42416), (367, 42419), (397, 42485), (457, 42644), (477, 42692), (481, 42710), (504, 42758), (566, 42902), (588, 42962), (628, 43067), (671, 43154),

Gene: Crespo_28 Start: 25202, Stop: 26410, Start Num: 96

Candidate Starts for Crespo_28:

(72, 25109), (Start: 96 @25202 has 92 MA's), (168, 25376), (211, 25448), (273, 25547), (278, 25556), (288, 25580), (293, 25589), (300, 25613), (310, 25634), (327, 25661), (334, 25673), (361, 25745), (381, 25784), (461, 25973), (470, 25997), (477, 26012), (483, 26033), (504, 26078), (506, 26081), (541, 26132),

Gene: CrimD_31 Start: 26431, Stop: 27303, Start Num: 227

Candidate Starts for CrimD_31:

(Start: 209 @26404 has 127 MA's), (Start: 227 @26431 has 136 MA's), (Start: 238 @26443 has 1 MA's), (275, 26512), (288, 26539), (300, 26569), (307, 26578), (327, 26614), (332, 26623), (346, 26656), (352, 26674), (397, 26764), (465, 26899), (478, 26926), (489, 26947), (499, 26971), (539, 27022), (596, 27124), (621, 27160), (630, 27184), (674, 27283), (676, 27292),

Gene: Crispicous1_9 Start: 5465, Stop: 6433, Start Num: 175

Candidate Starts for Crispicous1_9:

(Start: 175 @5465 has 331 MA's), (Start: 191 @5498 has 6 MA's), (Start: 202 @5516 has 32 MA's), (Start: 203 @5519 has 2 MA's), (366, 5786), (389, 5837), (396, 5849), (430, 5924), (455, 5987), (461, 5999), (468, 6020), (474, 6032), (479, 6050), (487, 6068), (500, 6092), (521, 6131), (563, 6212), (570, 6236), (571, 6239), (572, 6242), (581, 6251), (624, 6338), (644, 6383), (663, 6425),

Gene: Croquant_13 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Croquant_13:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Crossroads_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Crossroads_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (192, 26477), (211, 26507), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (338, 26732), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Crownjwl_49 Start: 41484, Stop: 42839, Start Num: 89

Candidate Starts for Crownjwl_49:

(Start: 89 @41484 has 280 MA's), (Start: 105 @41535 has 11 MA's), (119, 41568), (128, 41586), (185, 41697), (186, 41700), (194, 41715), (249, 41811), (273, 41850), (287, 41880), (300, 41916), (354, 42027), (365, 42057), (367, 42060), (397, 42126), (457, 42285), (477, 42333), (481, 42351), (504,

42399), (566, 42543), (588, 42603), (628, 42708), (671, 42795),

Gene: Crucio_11 Start: 6372, Stop: 7364, Start Num: 175

Candidate Starts for Crucio_11:

(Start: 175 @6372 has 331 MA's), (Start: 202 @6423 has 32 MA's), (Start: 203 @6426 has 2 MA's), (222, 6459), (237, 6474), (309, 6594), (331, 6600), (368, 6687), (389, 6732), (450, 6864), (476, 6903), (497, 6951), (542, 7032), (552, 7074), (580, 7161), (607, 7209), (636, 7275), (669, 7350),

Gene: Crumble_25 Start: 23705, Stop: 24706, Start Num: 164

Candidate Starts for Crumble_25:

(Start: 164 @23705 has 214 MA's), (Start: 203 @23780 has 2 MA's), (222, 23813), (243, 23843), (254, 23864), (271, 23894), (278, 23906), (Start: 297 @23948 has 1 MA's), (Start: 313 @23972 has 1 MA's), (331, 23987), (339, 23999), (389, 24110), (440, 24224), (446, 24242), (464, 24281), (474, 24305), (487, 24341), (521, 24407), (570, 24515), (596, 24563), (603, 24575), (625, 24620), (630, 24632), (644, 24662),

Gene: CrystalP_35 Start: 31858, Stop: 32715, Start Num: 209

Candidate Starts for CrystalP_35:

(Start: 209 @31858 has 127 MA's), (229, 31897), (244, 31927), (255, 31948), (274, 31984), (288, 32014), (327, 32089), (352, 32137), (355, 32140), (365, 32164), (367, 32167), (378, 32182), (443, 32353), (488, 32452), (494, 32467), (501, 32482), (504, 32488), (582, 32530), (584, 32533), (612, 32587), (646, 32665), (662, 32698),

Gene: Cueylyss_10 Start: 6167, Stop: 7102, Start Num: 191

Candidate Starts for Cueylyss_10:

(Start: 175 @6134 has 331 MA's), (Start: 191 @6167 has 6 MA's), (Start: 202 @6185 has 32 MA's), (Start: 203 @6188 has 2 MA's), (366, 6455), (389, 6506), (396, 6518), (430, 6593), (455, 6656), (461, 6668), (468, 6689), (474, 6701), (479, 6719), (487, 6737), (500, 6761), (521, 6800), (563, 6881), (570, 6905), (571, 6908), (572, 6911), (581, 6920), (644, 7052), (663, 7094),

Gene: Cullens_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Cullens_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Curiosium_32 Start: 26281, Stop: 27129, Start Num: 227

Candidate Starts for Curiosium_32:

(196, 26233), (Start: 209 @26254 has 127 MA's), (Start: 227 @26281 has 136 MA's), (Start: 238 @26293 has 1 MA's), (251, 26320), (255, 26326), (272, 26356), (307, 26425), (332, 26470), (346, 26503), (352, 26521), (390, 26596), (433, 26683), (465, 26746), (478, 26773), (489, 26794), (499, 26818), (524, 26854), (596, 26950), (621, 26986), (630, 27010), (676, 27118),

Gene: Czyszczone1_36 Start: 31603, Stop: 32460, Start Num: 209

Candidate Starts for Czyszczone1_36:

(Start: 209 @31603 has 127 MA's), (229, 31642), (244, 31672), (255, 31693), (274, 31729), (288, 31759), (327, 31834), (352, 31882), (355, 31885), (365, 31909), (367, 31912), (378, 31927), (443, 32098), (494, 32212), (501, 32227), (504, 32233), (582, 32275), (584, 32278), (612, 32332), (646, 32410), (662, 32443),

Gene: D29_12 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for D29_12:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: D32_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for D32_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: DBQu4n_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for DBQu4n_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (546, 7068), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: DD5_11 Start: 6716, Stop: 7684, Start Num: 175

Candidate Starts for DD5_11:

(Start: 175 @6716 has 331 MA's), (Start: 191 @6749 has 6 MA's), (Start: 202 @6767 has 32 MA's), (Start: 203 @6770 has 2 MA's), (366, 7037), (389, 7088), (396, 7100), (430, 7175), (455, 7238), (461, 7250), (468, 7271), (474, 7283), (479, 7301), (487, 7319), (500, 7343), (521, 7382), (563, 7463), (570, 7487), (571, 7490), (572, 7493), (581, 7502), (624, 7589), (663, 7676),

Gene: DHan_28 Start: 26216, Stop: 27187, Start Num: 112

Candidate Starts for DHan_28:

(Start: 112 @26216 has 24 MA's), (134, 26270), (192, 26390), (Start: 202 @26405 has 32 MA's), (211, 26420), (219, 26435), (Start: 238 @26468 has 1 MA's), (255, 26501), (288, 26564), (307, 26591), (319, 26615), (365, 26696), (374, 26708), (385, 26735), (402, 26771), (407, 26786), (412, 26801), (431, 26846), (437, 26861), (478, 26942), (488, 26960), (489, 26963), (491, 26966), (504, 26993), (625, 27062), (644, 27104), (664, 27146),

Gene: DLane_31 Start: 27486, Stop: 28484, Start Num: 158

Candidate Starts for DLane_31:

(Start: 158 @27486 has 220 MA's), (Start: 203 @27561 has 2 MA's), (243, 27621), (254, 27642), (Start: 297 @27726 has 1 MA's), (339, 27777), (346, 27792), (389, 27888), (439, 27999), (446, 28020), (464, 28059), (468, 28071), (487, 28119), (502, 28146), (516, 28170), (521, 28185), (570, 28293), (596, 28341), (630, 28410), (644, 28440),

Gene: DMoney_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for DMoney_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: DNAIII_0028 Start: 24952, Stop: 26160, Start Num: 96

Candidate Starts for DNAIII_0028:

(72, 24859), (Start: 96 @24952 has 92 MA's), (168, 25126), (211, 25198), (273, 25297), (278, 25306), (288, 25330), (293, 25339), (300, 25363), (310, 25384), (327, 25411), (334, 25423), (361, 25495), (381, 25534), (461, 25723), (470, 25747), (477, 25762), (483, 25783), (504, 25828), (506, 25831), (541, 25882),

Gene: DRBy19_31 Start: 27617, Stop: 28618, Start Num: 164

Candidate Starts for DRBy19_31:

(Start: 164 @27617 has 214 MA's), (Start: 203 @27692 has 2 MA's), (222, 27725), (243, 27755), (254, 27776), (271, 27806), (278, 27818), (Start: 297 @27860 has 1 MA's), (Start: 313 @27884 has 1 MA's),

(331, 27899), (339, 27911), (389, 28022), (440, 28136), (446, 28154), (464, 28193), (474, 28217), (487, 28253), (521, 28319), (570, 28427), (596, 28475), (603, 28487), (625, 28532), (630, 28544), (644, 28574),

Gene: DS6A_31 Start: 26756, Stop: 27793, Start Num: 181

Candidate Starts for DS6A_31:

(153, 26702), (170, 26738), (Start: 181 @26756 has 1 MA's), (192, 26783), (245, 26864), (261, 26888), (295, 26954), (304, 26975), (316, 26990), (339, 27032), (345, 27047), (347, 27053), (389, 27146), (406, 27179), (440, 27260), (441, 27263), (444, 27272), (457, 27305), (459, 27308), (468, 27329), (474, 27341), (479, 27359), (503, 27407), (510, 27419), (564, 27545), (566, 27551), (570, 27566), (571, 27569), (581, 27581), (599, 27623), (602, 27626), (630, 27683), (644, 27716), (663, 27758),

Gene: DTDevon_253 Start: 146534, Stop: 147562, Start Num: 158

Candidate Starts for DTDevon_253:

(Start: 158 @146534 has 220 MA's), (Start: 175 @146564 has 331 MA's), (182, 146576), (Start: 203 @146618 has 2 MA's), (243, 146681), (254, 146702), (Start: 297 @146786 has 1 MA's), (331, 146828), (339, 146840), (346, 146855), (378, 146924), (389, 146951), (414, 147005), (427, 147050), (428, 147053), (460, 147131), (468, 147152), (521, 147263), (565, 147353), (570, 147371), (611, 147443), (625, 147476),

Gene: DaHudson_12 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for DaHudson_12:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: DaWorst_33 Start: 28055, Stop: 29056, Start Num: 164

Candidate Starts for DaWorst_33:

(35, 27434), (41, 27512), (45, 27575), (53, 27614), (70, 27767), (79, 27803), (Start: 164 @28055 has 214 MA's), (Start: 175 @28076 has 331 MA's), (182, 28088), (Start: 203 @28130 has 2 MA's), (243, 28193), (254, 28214), (271, 28244), (Start: 297 @28298 has 1 MA's), (Start: 313 @28322 has 1 MA's), (339, 28349), (389, 28460), (440, 28574), (446, 28592), (464, 28631), (474, 28655), (487, 28691), (502, 28718), (521, 28757), (552, 28805), (570, 28865), (603, 28925), (630, 28982), (644, 29012),

Gene: DaddyDaniels_49 Start: 41396, Stop: 42751, Start Num: 89

Candidate Starts for DaddyDaniels_49:

(Start: 89 @41396 has 280 MA's), (Start: 105 @41447 has 11 MA's), (119, 41480), (185, 41609), (186, 41612), (194, 41627), (249, 41723), (273, 41762), (287, 41792), (300, 41828), (354, 41939), (365, 41969), (367, 41972), (397, 42038), (457, 42197), (477, 42245), (481, 42263), (504, 42311), (566, 42455), (588, 42515), (628, 42620), (671, 42707),

Gene: DaddyRickover_31 Start: 27698, Stop: 28699, Start Num: 164

Candidate Starts for DaddyRickover_31:

(Start: 164 @27698 has 214 MA's), (Start: 175 @27719 has 331 MA's), (Start: 203 @27773 has 2 MA's), (222, 27806), (243, 27836), (254, 27857), (271, 27887), (278, 27899), (Start: 297 @27941 has 1 MA's), (Start: 313 @27965 has 1 MA's), (331, 27980), (339, 27992), (389, 28103), (440, 28217), (446, 28235), (464, 28274), (474, 28298), (487, 28334), (502, 28361), (521, 28400), (552, 28448), (570, 28508), (596, 28556), (603, 28568), (625, 28613), (630, 28625), (644, 28655),

Gene: Dadosky_31 Start: 27159, Stop: 27920, Start Num: 226

Candidate Starts for Dadosky_31:

(196, 27111), (Start: 226 @27159 has 29 MA's), (Start: 238 @27171 has 1 MA's), (242, 27177), (255, 27204), (275, 27240), (302, 27300), (307, 27306), (321, 27336), (327, 27342), (332, 27351), (346,

27384), (364, 27426), (365, 27429), (374, 27441), (390, 27477), (397, 27492), (410, 27528), (465, 27627), (478, 27654), (489, 27675), (596, 27738), (618, 27762), (625, 27786), (651, 27855), (674, 27900), (676, 27909),

Gene: Daegal_34 Start: 28633, Stop: 29868, Start Num: 96

Candidate Starts for Daegal_34:

(Start: 96 @28633 has 92 MA's), (127, 28726), (131, 28738), (141, 28759), (145, 28771), (Start: 151 @28783 has 50 MA's), (153, 28786), (194, 28867), (215, 28900), (249, 28960), (273, 28999), (278, 29008), (279, 29011), (287, 29029), (300, 29065), (327, 29113), (334, 29125), (337, 29131), (359, 29194), (361, 29197), (373, 29224), (381, 29236), (404, 29293), (419, 29338), (461, 29425), (465, 29437), (477, 29464), (483, 29485), (490, 29500), (519, 29554), (541, 29584), (571, 29617), (579, 29626), (584, 29632), (591, 29644), (593, 29653), (625, 29716), (651, 29785), (668, 29812),

Gene: Daenerys_31 Start: 27519, Stop: 28520, Start Num: 164

Candidate Starts for Daenerys_31:

(100, 27357), (Start: 164 @27519 has 214 MA's), (Start: 203 @27594 has 2 MA's), (222, 27627), (243, 27657), (254, 27678), (271, 27708), (278, 27720), (Start: 297 @27762 has 1 MA's), (Start: 313 @27786 has 1 MA's), (331, 27801), (339, 27813), (389, 27924), (440, 28038), (446, 28056), (464, 28095), (474, 28119), (487, 28155), (502, 28182), (521, 28221), (552, 28269), (570, 28329), (596, 28377), (603, 28389), (625, 28434), (630, 28446), (644, 28476),

Gene: Daffodil_258 Start: 144821, Stop: 145849, Start Num: 158

Candidate Starts for Daffodil_258:

(Start: 158 @144821 has 220 MA's), (Start: 175 @144851 has 331 MA's), (182, 144863), (Start: 203 @144905 has 2 MA's), (243, 144968), (254, 144989), (Start: 297 @145073 has 1 MA's), (331, 145115), (339, 145127), (346, 145142), (378, 145211), (389, 145238), (414, 145292), (427, 145337), (428, 145340), (460, 145418), (468, 145439), (521, 145550), (565, 145640), (570, 145658), (611, 145730), (625, 145763),

Gene: Daffy_49 Start: 41421, Stop: 42776, Start Num: 89

Candidate Starts for Daffy_49:

(Start: 89 @41421 has 280 MA's), (Start: 105 @41472 has 11 MA's), (119, 41505), (185, 41634), (186, 41637), (194, 41652), (249, 41748), (273, 41787), (287, 41817), (300, 41853), (354, 41964), (365, 41994), (367, 41997), (397, 42063), (457, 42222), (477, 42270), (481, 42288), (504, 42336), (566, 42480), (588, 42540), (628, 42645), (671, 42732),

Gene: Daikon_34 Start: 31596, Stop: 32453, Start Num: 209

Candidate Starts for Daikon_34:

(Start: 209 @31596 has 127 MA's), (229, 31635), (244, 31665), (255, 31686), (274, 31722), (288, 31752), (327, 31827), (352, 31875), (355, 31878), (365, 31902), (367, 31905), (378, 31920), (443, 32091), (494, 32205), (501, 32220), (504, 32226), (582, 32268), (584, 32271), (612, 32325), (646, 32403), (662, 32436),

Gene: Daishi_11 Start: 4878, Stop: 5852, Start Num: 175

Candidate Starts for Daishi_11:

(Start: 175 @4878 has 331 MA's), (Start: 203 @4932 has 2 MA's), (205, 4935), (Start: 315 @5106 has 18 MA's), (344, 5163), (362, 5211), (386, 5259), (389, 5268), (439, 5364), (444, 5379), (452, 5397), (472, 5445), (474, 5448), (479, 5466), (552, 5607), (559, 5634), (570, 5667), (571, 5670), (593, 5709), (599, 5727),

Gene: Daisy_47 Start: 41560, Stop: 42624, Start Num: 151

Candidate Starts for Daisy_47:

(Start: 151 @41560 has 50 MA's), (184, 41623), (236, 41704), (271, 41770), (279, 41785), (288, 41797), (298, 41824), (343, 41881), (346, 41890), (413, 42037), (419, 42052), (439, 42106), (452, 42139), (467, 42178), (475, 42190), (518, 42271), (533, 42289), (535, 42292), (552, 42337), (596, 42448), (649, 42559), (658, 42580), (673, 42613),

Gene: Daka_50 Start: 41700, Stop: 43055, Start Num: 89

Candidate Starts for Daka_50:

(Start: 89 @41700 has 280 MA's), (Start: 105 @41751 has 11 MA's), (119, 41784), (128, 41802), (185, 41913), (186, 41916), (194, 41931), (249, 42027), (273, 42066), (287, 42096), (300, 42132), (354, 42243), (365, 42273), (367, 42276), (397, 42342), (457, 42501), (477, 42549), (481, 42567), (504, 42615), (566, 42759), (588, 42819), (628, 42924), (651, 42978), (671, 43011),

Gene: Dallas_51 Start: 42101, Stop: 42973, Start Num: 202

Candidate Starts for Dallas_51:

(Start: 202 @42101 has 32 MA's), (Start: 218 @42128 has 1 MA's), (288, 42257), (308, 42302), (327, 42323), (342, 42344), (364, 42398), (400, 42479), (522, 42758), (524, 42761), (545, 42785), (579, 42821), (590, 42836), (593, 42848), (601, 42869),

Gene: Dalmatian_11 Start: 6522, Stop: 7514, Start Num: 175

Candidate Starts for Dalmatian_11:

(Start: 175 @6522 has 331 MA's), (Start: 191 @6555 has 6 MA's), (Start: 202 @6573 has 32 MA's), (Start: 203 @6576 has 2 MA's), (222, 6609), (237, 6624), (309, 6744), (331, 6750), (344, 6777), (368, 6837), (389, 6882), (450, 7014), (476, 7053), (497, 7101), (542, 7182), (552, 7224), (580, 7311), (598, 7347), (617, 7371), (631, 7413), (636, 7425), (669, 7500),

Gene: Dalmuri_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Dalmuri_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: DanBing_27 Start: 26120, Stop: 27091, Start Num: 112

Candidate Starts for DanBing_27:

(Start: 112 @26120 has 24 MA's), (134, 26174), (192, 26294), (Start: 202 @26309 has 32 MA's), (211, 26324), (219, 26339), (Start: 238 @26372 has 1 MA's), (255, 26405), (288, 26468), (307, 26495), (319, 26519), (365, 26600), (374, 26612), (385, 26639), (402, 26675), (407, 26690), (412, 26705), (431, 26750), (437, 26765), (478, 26846), (488, 26864), (489, 26867), (491, 26870), (504, 26897), (597, 26921), (625, 26966), (644, 27008), (664, 27050),

Gene: DanSyl44_35 Start: 28507, Stop: 29298, Start Num: 213

Candidate Starts for DanSyl44_35:

(Start: 213 @28507 has 23 MA's), (Start: 238 @28540 has 1 MA's), (255, 28573), (268, 28597), (280, 28618), (286, 28627), (295, 28657), (300, 28666), (307, 28675), (327, 28711), (371, 28792), (465, 28999), (478, 29026), (489, 29047), (495, 29062), (499, 29071), (594, 29095), (625, 29149), (630, 29161), (659, 29233),

Gene: Dandelion_258 Start: 147355, Stop: 148383, Start Num: 158

Candidate Starts for Dandelion_258:

(Start: 158 @147355 has 220 MA's), (Start: 175 @147385 has 331 MA's), (182, 147397), (Start: 203 @147439 has 2 MA's), (243, 147502), (254, 147523), (Start: 297 @147607 has 1 MA's), (331, 147649), (339, 147661), (346, 147676), (378, 147745), (389, 147772), (414, 147826), (427, 147871),

(428, 147874), (460, 147952), (468, 147973), (521, 148084), (565, 148174), (570, 148192), (611, 148264), (625, 148297),

Gene: Dante_31 Start: 27637, Stop: 28638, Start Num: 164

Candidate Starts for Dante_31:

(Start: 164 @27637 has 214 MA's), (Start: 203 @27712 has 2 MA's), (222, 27745), (243, 27775), (254, 27796), (Start: 297 @27880 has 1 MA's), (Start: 313 @27904 has 1 MA's), (331, 27919), (339, 27931), (389, 28042), (440, 28156), (446, 28174), (464, 28213), (474, 28237), (487, 28273), (502, 28300), (521, 28339), (570, 28447), (603, 28507), (630, 28564), (644, 28594),

Gene: Darionha_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Darionha_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Darko_252 Start: 144479, Stop: 145507, Start Num: 158

Candidate Starts for Darko_252:

(Start: 158 @144479 has 220 MA's), (Start: 175 @144509 has 331 MA's), (182, 144521), (Start: 203 @144563 has 2 MA's), (243, 144626), (254, 144647), (Start: 297 @144731 has 1 MA's), (331, 144773), (339, 144785), (346, 144800), (378, 144869), (389, 144896), (414, 144950), (427, 144995), (428, 144998), (460, 145076), (468, 145097), (521, 145208), (565, 145298), (570, 145316), (611, 145388), (625, 145421),

Gene: DartGoblin_31 Start: 26358, Stop: 27230, Start Num: 227

Candidate Starts for DartGoblin_31:

(Start: 209 @26331 has 127 MA's), (Start: 227 @26358 has 136 MA's), (Start: 238 @26370 has 1 MA's), (275, 26439), (288, 26466), (300, 26496), (307, 26505), (327, 26541), (332, 26550), (346, 26583), (397, 26691), (465, 26826), (478, 26853), (489, 26874), (499, 26898), (596, 27051), (621, 27087), (630, 27111), (674, 27210), (676, 27219),

Gene: DarthP_30 Start: 26891, Stop: 27631, Start Num: 227

Candidate Starts for DarthP_30:

(81, 26546), (165, 26792), (176, 26813), (196, 26846), (Start: 209 @26867 has 127 MA's), (Start: 227 @26891 has 136 MA's), (Start: 238 @26903 has 1 MA's), (251, 26930), (255, 26936), (300, 27020), (307, 27029), (314, 27041), (332, 27074), (346, 27107), (397, 27215), (407, 27242), (465, 27350), (478, 27377), (489, 27398), (499, 27422), (591, 27434), (593, 27443), (625, 27500), (630, 27512), (674, 27611),

Gene: Dartin_31 Start: 25850, Stop: 26611, Start Num: 227

Candidate Starts for Dartin_31:

(Start: 209 @25820 has 127 MA's), (Start: 227 @25850 has 136 MA's), (255, 25895), (275, 25931), (302, 25991), (307, 25997), (321, 26027), (327, 26033), (332, 26042), (346, 26075), (364, 26117), (390, 26168), (397, 26183), (465, 26318), (478, 26345), (489, 26366), (491, 26372), (499, 26390), (594, 26423), (596, 26429), (625, 26477), (652, 26549), (674, 26591), (676, 26600),

Gene: Dati_49 Start: 41424, Stop: 42779, Start Num: 89

Candidate Starts for Dati_49:

(Start: 89 @41424 has 280 MA's), (Start: 105 @41475 has 11 MA's), (119, 41508), (186, 41640), (194, 41655), (249, 41751), (273, 41790), (287, 41820), (300, 41856), (354, 41967), (365, 41997), (367, 42000), (397, 42066), (457, 42225), (477, 42273), (481, 42291), (504, 42339), (566, 42483), (588, 42543), (628, 42648), (651, 42702), (671, 42735),

Gene: Datway_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for Datway_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (389, 6247), (396, 6259), (409, 6289), (420, 6310), (432, 6331), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: DeadP_31 Start: 27683, Stop: 28681, Start Num: 158

Candidate Starts for DeadP_31:

(Start: 158 @27683 has 220 MA's), (Start: 203 @27758 has 2 MA's), (243, 27818), (254, 27839), (Start: 297 @27923 has 1 MA's), (339, 27974), (346, 27989), (389, 28085), (439, 28196), (446, 28217), (464, 28256), (468, 28268), (487, 28316), (502, 28343), (516, 28367), (521, 28382), (570, 28490), (596, 28538), (630, 28607), (644, 28637),

Gene: Deano_10 Start: 5887, Stop: 6867, Start Num: 177

Candidate Starts for Deano_10:

(Start: 177 @5887 has 116 MA's), (Start: 179 @5890 has 14 MA's), (190, 5914), (Start: 202 @5935 has 32 MA's), (Start: 203 @5938 has 2 MA's), (362, 6187), (389, 6244), (409, 6286), (432, 6328), (439, 6349), (450, 6376), (479, 6433), (550, 6583), (594, 6694), (598, 6706), (607, 6718), (639, 6784),

Gene: Deb65_31 Start: 27521, Stop: 28522, Start Num: 164

Candidate Starts for Deb65_31:

(119, 27422), (Start: 164 @27521 has 214 MA's), (Start: 175 @27542 has 331 MA's), (182, 27554), (Start: 203 @27596 has 2 MA's), (243, 27659), (254, 27680), (Start: 297 @27764 has 1 MA's), (Start: 313 @27788 has 1 MA's), (331, 27803), (339, 27815), (389, 27926), (440, 28040), (446, 28058), (464, 28097), (474, 28121), (487, 28157), (502, 28184), (521, 28223), (552, 28271), (570, 28331), (596, 28379), (603, 28391), (625, 28436), (630, 28448),

Gene: Deby_31 Start: 26428, Stop: 27300, Start Num: 227

Candidate Starts for Deby_31:

(85, 26098), (165, 26326), (Start: 209 @26401 has 127 MA's), (Start: 227 @26428 has 136 MA's), (Start: 238 @26440 has 1 MA's), (275, 26509), (288, 26536), (300, 26566), (307, 26575), (327, 26611), (332, 26620), (346, 26653), (352, 26671), (367, 26701), (397, 26761), (465, 26896), (478, 26923), (489, 26944), (499, 26968), (539, 27019), (596, 27121), (621, 27157), (630, 27181), (674, 27280), (676, 27289),

Gene: DeejaClivia_239 Start: 142222, Stop: 143250, Start Num: 158

Candidate Starts for DeejaClivia_239:

(Start: 158 @142222 has 220 MA's), (Start: 175 @142252 has 331 MA's), (Start: 203 @142306 has 2 MA's), (243, 142369), (254, 142390), (Start: 297 @142474 has 1 MA's), (331, 142516), (339, 142528), (346, 142543), (378, 142612), (389, 142639), (414, 142693), (427, 142738), (428, 142741), (460, 142819), (468, 142840), (521, 142951), (565, 143041), (570, 143059), (611, 143131), (625, 143164),

Gene: Deenasa_47 Start: 42295, Stop: 43359, Start Num: 151

Candidate Starts for Deenasa_47:

(Start: 151 @42295 has 50 MA's), (184, 42358), (236, 42439), (271, 42505), (279, 42520), (288, 42532), (298, 42559), (343, 42616), (346, 42625), (413, 42772), (419, 42787), (439, 42841), (452, 42874), (467, 42913), (475, 42925), (518, 43006), (533, 43024), (535, 43027), (552, 43072), (596, 43183), (649, 43294), (658, 43315), (673, 43348),

Gene: DeepSoil15_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for DeepSoil15_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (131, 28444), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: DeerParkTS_12 Start: 6449, Stop: 7462, Start Num: 158

Candidate Starts for DeerParkTS_12:

(Start: 158 @6449 has 220 MA's), (188, 6512), (201, 6533), (Start: 206 @6542 has 15 MA's), (236, 6581), (243, 6596), (254, 6617), (Start: 297 @6701 has 1 MA's), (331, 6737), (343, 6761), (346, 6770), (424, 6917), (438, 6962), (463, 7025), (545, 7169), (549, 7175), (570, 7253), (618, 7334), (619, 7337), (622, 7349),

Gene: DelRivs_48 Start: 41428, Stop: 42783, Start Num: 89

Candidate Starts for DelRivs_48:

(Start: 89 @41428 has 280 MA's), (Start: 105 @41479 has 11 MA's), (119, 41512), (185, 41641), (186, 41644), (194, 41659), (249, 41755), (273, 41794), (287, 41824), (300, 41860), (354, 41971), (365, 42001), (367, 42004), (397, 42070), (457, 42229), (477, 42277), (481, 42295), (504, 42343), (566, 42487), (588, 42547), (628, 42652), (671, 42739),

Gene: Delilah_250 Start: 144914, Stop: 145942, Start Num: 158

Candidate Starts for Delilah_250:

(Start: 158 @144914 has 220 MA's), (Start: 175 @144944 has 331 MA's), (182, 144956), (Start: 203 @144998 has 2 MA's), (243, 145061), (254, 145082), (Start: 297 @145166 has 1 MA's), (331, 145208), (339, 145220), (346, 145235), (378, 145304), (389, 145331), (414, 145385), (427, 145430), (428, 145433), (460, 145511), (468, 145532), (521, 145643), (565, 145733), (570, 145751), (611, 145823), (625, 145856),

Gene: Deloris_12 Start: 6865, Stop: 7842, Start Num: 175

Candidate Starts for Deloris_12:

(Start: 175 @6865 has 331 MA's), (Start: 203 @6919 has 2 MA's), (344, 7108), (362, 7156), (389, 7213), (407, 7249), (430, 7297), (444, 7336), (479, 7423), (513, 7486), (540, 7528), (552, 7576), (559, 7603), (565, 7618), (570, 7636), (571, 7639), (593, 7678), (620, 7729), (658, 7828),

Gene: Delylah_254 Start: 145191, Stop: 146219, Start Num: 158

Candidate Starts for Delylah_254:

(Start: 158 @145191 has 220 MA's), (Start: 175 @145221 has 331 MA's), (182, 145233), (Start: 203 @145275 has 2 MA's), (243, 145338), (254, 145359), (Start: 297 @145443 has 1 MA's), (331, 145485), (339, 145497), (346, 145512), (378, 145581), (389, 145608), (414, 145662), (427, 145707), (428, 145710), (460, 145788), (468, 145809), (521, 145920), (565, 146010), (570, 146028), (611, 146100), (625, 146133),

Gene: Demikore_42 Start: 35240, Stop: 36265, Start Num: 158

Candidate Starts for Demikore_42:

(Start: 158 @35240 has 220 MA's), (224, 35345), (243, 35375), (288, 35450), (343, 35534), (346, 35543), (357, 35576), (405, 35669), (439, 35768), (452, 35801), (459, 35816), (466, 35837), (472, 35846), (518, 35933), (533, 35951), (549, 35981), (552, 35999), (562, 36035), (596, 36110), (603, 36122), (606, 36125), (624, 36164), (649, 36221),

Gene: Demodog_260 Start: 146510, Stop: 147538, Start Num: 158

Candidate Starts for Demodog_260:

(Start: 158 @146510 has 220 MA's), (Start: 175 @146540 has 331 MA's), (182, 146552), (Start: 203 @146594 has 2 MA's), (243, 146657), (254, 146678), (Start: 297 @146762 has 1 MA's), (331, 146804), (339, 146816), (346, 146831), (378, 146900), (389, 146927), (414, 146981), (427, 147026), (428, 147029), (460, 147107), (468, 147128), (521, 147239), (565, 147329), (570, 147347), (611, 147419), (625, 147452),

Gene: Demsculpinboyz_36 Start: 26749, Stop: 27822, Start Num: 164

Candidate Starts for Demsculpinboyz_36:

(Start: 164 @26749 has 214 MA's), (Start: 179 @26776 has 14 MA's), (192, 26806), (248, 26899), (254, 26908), (260, 26917), (293, 26974), (316, 27019), (343, 27052), (346, 27061), (366, 27112), (384, 27154), (394, 27178), (399, 27187), (403, 27199), (413, 27229), (422, 27259), (423, 27262), (439, 27319), (440, 27322), (445, 27337), (450, 27349), (454, 27358), (464, 27382), (475, 27406), (518, 27487), (552, 27562), (597, 27673), (621, 27715), (622, 27718), (624, 27724), (630, 27739), (660, 27805),

Gene: Derek_248 Start: 145172, Stop: 146200, Start Num: 158

Candidate Starts for Derek_248:

(Start: 158 @145172 has 220 MA's), (Start: 175 @145202 has 331 MA's), (182, 145214), (Start: 203 @145256 has 2 MA's), (243, 145319), (254, 145340), (Start: 297 @145424 has 1 MA's), (331, 145466), (339, 145478), (346, 145493), (378, 145562), (389, 145589), (414, 145643), (427, 145688), (428, 145691), (460, 145769), (468, 145790), (521, 145901), (565, 145991), (570, 146009), (611, 146081), (625, 146114),

Gene: Derpp_48 Start: 41266, Stop: 42621, Start Num: 89

Candidate Starts for Derpp_48:

(Start: 89 @41266 has 280 MA's), (Start: 105 @41317 has 11 MA's), (119, 41350), (185, 41479), (186, 41482), (194, 41497), (249, 41593), (273, 41632), (287, 41662), (300, 41698), (354, 41809), (365, 41839), (367, 41842), (397, 41908), (457, 42067), (477, 42115), (481, 42133), (504, 42181), (566, 42325), (588, 42385), (628, 42490), (671, 42577),

Gene: Dessert_249 Start: 144171, Stop: 145199, Start Num: 158

Candidate Starts for Dessert_249:

(Start: 158 @144171 has 220 MA's), (Start: 175 @144201 has 331 MA's), (182, 144213), (Start: 203 @144255 has 2 MA's), (243, 144318), (254, 144339), (Start: 297 @144423 has 1 MA's), (331, 144465), (339, 144477), (346, 144492), (378, 144561), (389, 144588), (414, 144642), (427, 144687), (428, 144690), (460, 144768), (468, 144789), (521, 144900), (565, 144990), (570, 145008), (611, 145080), (625, 145113),

Gene: Devera_31 Start: 26468, Stop: 27340, Start Num: 227

Candidate Starts for Devera_31:

(Start: 209 @26441 has 127 MA's), (Start: 227 @26468 has 136 MA's), (Start: 238 @26480 has 1 MA's), (275, 26549), (288, 26576), (300, 26606), (307, 26615), (327, 26651), (332, 26660), (346, 26693), (352, 26711), (397, 26801), (465, 26936), (478, 26963), (489, 26984), (499, 27008), (568, 27110), (596, 27161), (621, 27197), (630, 27221), (674, 27320), (676, 27329),

Gene: Devonte_47 Start: 41524, Stop: 42588, Start Num: 151

Candidate Starts for Devonte_47:

(Start: 151 @41524 has 50 MA's), (184, 41587), (236, 41668), (271, 41734), (279, 41749), (288, 41761), (298, 41788), (343, 41845), (346, 41854), (413, 42001), (419, 42016), (439, 42070), (452, 42103), (467, 42142), (475, 42154), (518, 42235), (533, 42253), (535, 42256), (552, 42301), (596, 42412), (649, 42523), (658, 42544), (673, 42577),

Gene: Dewey_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Dewey_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Dexes_11 Start: 6621, Stop: 7589, Start Num: 175

Candidate Starts for Dexes_11:

(Start: 175 @6621 has 331 MA's), (Start: 191 @6654 has 6 MA's), (Start: 202 @6672 has 32 MA's), (Start: 203 @6675 has 2 MA's), (366, 6942), (389, 6993), (396, 7005), (430, 7080), (455, 7143), (468, 7176), (474, 7188), (479, 7206), (487, 7224), (500, 7248), (521, 7287), (563, 7368), (570, 7392), (571, 7395), (572, 7398), (581, 7407), (624, 7494), (644, 7539), (663, 7581),

Gene: Dhanush_10 Start: 5884, Stop: 6864, Start Num: 177

Candidate Starts for Dhanush_10:

(Start: 177 @5884 has 116 MA's), (Start: 179 @5887 has 14 MA's), (190, 5911), (Start: 202 @5932 has 32 MA's), (Start: 203 @5935 has 2 MA's), (362, 6184), (389, 6241), (432, 6325), (439, 6346), (450, 6373), (469, 6403), (479, 6430), (550, 6580), (594, 6691), (598, 6703), (607, 6715), (639, 6781),

Gene: Dice_48 Start: 41392, Stop: 42747, Start Num: 89

Candidate Starts for Dice_48:

(Start: 89 @41392 has 280 MA's), (Start: 105 @41443 has 11 MA's), (119, 41476), (185, 41605), (186, 41608), (194, 41623), (249, 41719), (273, 41758), (287, 41788), (300, 41824), (354, 41935), (365, 41965), (367, 41968), (397, 42034), (457, 42193), (477, 42241), (481, 42259), (504, 42307), (566, 42451), (588, 42511), (628, 42616), (671, 42703),

Gene: Dieselweasel_12 Start: 5963, Stop: 6928, Start Num: 166

Candidate Starts for Dieselweasel_12:

(Start: 166 @5963 has 96 MA's), (Start: 191 @6008 has 6 MA's), (Start: 203 @6029 has 2 MA's), (280, 6149), (362, 6287), (389, 6344), (398, 6359), (439, 6440), (444, 6455), (452, 6473), (474, 6524), (479, 6542), (502, 6587), (552, 6683), (571, 6746), (593, 6785), (620, 6836),

Gene: Dietrick_241 Start: 143035, Stop: 144063, Start Num: 158

Candidate Starts for Dietrick_241:

(Start: 158 @143035 has 220 MA's), (Start: 175 @143065 has 331 MA's), (182, 143077), (Start: 203 @143119 has 2 MA's), (243, 143182), (254, 143203), (Start: 297 @143287 has 1 MA's), (331, 143329), (339, 143341), (346, 143356), (378, 143425), (389, 143452), (414, 143506), (427, 143551), (428, 143554), (460, 143632), (468, 143653), (521, 143764), (565, 143854), (570, 143872), (611, 143944), (625, 143977),

Gene: Dignity_13 Start: 6817, Stop: 7809, Start Num: 175

Candidate Starts for Dignity_13:

(Start: 175 @6817 has 331 MA's), (Start: 202 @6868 has 32 MA's), (Start: 203 @6871 has 2 MA's), (309, 7039), (331, 7045), (344, 7072), (368, 7132), (389, 7177), (430, 7264), (450, 7309), (476, 7348), (497, 7396), (507, 7411), (542, 7477), (552, 7519), (580, 7606), (636, 7720),

Gene: DillTech15_31 Start: 27607, Stop: 28608, Start Num: 164

Candidate Starts for DillTech15_31:

(Start: 164 @27607 has 214 MA's), (Start: 175 @27628 has 331 MA's), (Start: 203 @27682 has 2 MA's), (222, 27715), (243, 27745), (254, 27766), (Start: 297 @27850 has 1 MA's), (Start: 313 @27874 has 1 MA's), (339, 27901), (346, 27916), (389, 28012), (440, 28126), (446, 28144), (464, 28183), (474,

28207), (487, 28243), (502, 28270), (521, 28309), (552, 28357), (570, 28417), (603, 28477), (624, 28519), (625, 28522), (630, 28534), (644, 28564),

Gene: Diminimus_39 Start: 31793, Stop: 32764, Start Num: 206

Candidate Starts for Diminimus_39:

(Start: 206 @31793 has 15 MA's), (220, 31817), (228, 31832), (295, 31970), (309, 31997), (Start: 326 @32015 has 2 MA's), (333, 32027), (339, 32036), (356, 32081), (362, 32093), (378, 32120), (389, 32147), (396, 32159), (416, 32204), (428, 32231), (440, 32261), (443, 32270), (444, 32273), (485, 32360), (495, 32375), (563, 32528), (564, 32531), (592, 32591), (596, 32603), (599, 32612), (621, 32648), (626, 32663), (642, 32702), (653, 32735),

Gene: DingDing_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for DingDing_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Dingo_49 Start: 41691, Stop: 43046, Start Num: 89

Candidate Starts for Dingo_49:

(Start: 89 @41691 has 280 MA's), (Start: 105 @41742 has 11 MA's), (119, 41775), (128, 41793), (185, 41904), (186, 41907), (194, 41922), (249, 42018), (273, 42057), (287, 42087), (300, 42123), (354, 42234), (365, 42264), (367, 42267), (397, 42333), (457, 42492), (477, 42540), (481, 42558), (504, 42606), (566, 42750), (588, 42810), (628, 42915), (671, 43002),

Gene: Dione_48 Start: 41400, Stop: 42755, Start Num: 89

Candidate Starts for Dione_48:

(Start: 89 @41400 has 280 MA's), (Start: 105 @41451 has 11 MA's), (119, 41484), (185, 41613), (186, 41616), (194, 41631), (249, 41727), (273, 41766), (287, 41796), (300, 41832), (354, 41943), (365, 41973), (367, 41976), (397, 42042), (457, 42201), (477, 42249), (481, 42267), (504, 42315), (566, 42459), (588, 42519), (628, 42624), (671, 42711),

Gene: DirkDirk_26 Start: 25530, Stop: 26561, Start Num: 169

Candidate Starts for DirkDirk_26:

(Start: 169 @25530 has 29 MA's), (265, 25686), (277, 25710), (284, 25722), (293, 25740), (Start: 297 @25758 has 1 MA's), (304, 25776), (309, 25782), (316, 25791), (322, 25806), (333, 25821), (352, 25869), (362, 25893), (389, 25950), (408, 25989), (441, 26067), (444, 26076), (445, 26079), (452, 26094), (472, 26148), (479, 26169), (485, 26184), (537, 26268), (548, 26298), (571, 26367), (581, 26379), (593, 26403), (599, 26421), (602, 26424), (611, 26436), (613, 26439), (625, 26469), (630, 26481),

Gene: DirtDevil_11 Start: 6577, Stop: 7539, Start Num: 175

Candidate Starts for DirtDevil_11:

(Start: 175 @6577 has 331 MA's), (Start: 191 @6610 has 6 MA's), (Start: 202 @6628 has 32 MA's), (Start: 203 @6631 has 2 MA's), (366, 6898), (389, 6943), (432, 7033), (464, 7114), (468, 7126), (474, 7138), (479, 7156), (487, 7174), (500, 7198), (521, 7237), (563, 7318), (570, 7342), (571, 7345), (572, 7348), (581, 7357), (624, 7444), (644, 7489), (663, 7531),

Gene: DirtJuice_49 Start: 41690, Stop: 43045, Start Num: 89

Candidate Starts for DirtJuice_49:

(Start: 89 @41690 has 280 MA's), (Start: 105 @41741 has 11 MA's), (119, 41774), (185, 41903), (186, 41906), (194, 41921), (249, 42017), (273, 42056), (287, 42086), (300, 42122), (354, 42233), (365, 42263), (367, 42266), (397, 42332), (457, 42491), (477, 42539), (481, 42557), (504, 42605), (566,

42749), (588, 42809), (628, 42914), (651, 42968), (671, 43001),

Gene: DirtMcgirt_32 Start: 27342, Stop: 28343, Start Num: 164

Candidate Starts for DirtMcgirt_32:

(Start: 164 @27342 has 214 MA's), (Start: 203 @27417 has 2 MA's), (222, 27450), (243, 27480), (254, 27501), (271, 27531), (278, 27543), (Start: 297 @27585 has 1 MA's), (Start: 313 @27609 has 1 MA's), (331, 27624), (339, 27636), (389, 27747), (440, 27861), (446, 27879), (464, 27918), (474, 27942), (487, 27978), (502, 28005), (521, 28044), (570, 28152), (596, 28200), (603, 28212), (624, 28254), (625, 28257), (630, 28269), (644, 28299),

Gene: DirtMonster_241 Start: 143767, Stop: 144795, Start Num: 158

Candidate Starts for DirtMonster_241:

(Start: 158 @143767 has 220 MA's), (Start: 175 @143797 has 331 MA's), (182, 143809), (Start: 203 @143851 has 2 MA's), (243, 143914), (254, 143935), (Start: 297 @144019 has 1 MA's), (331, 144061), (339, 144073), (346, 144088), (378, 144157), (389, 144184), (414, 144238), (427, 144283), (428, 144286), (460, 144364), (468, 144385), (521, 144496), (565, 144586), (570, 144604), (611, 144676), (625, 144709),

Gene: DirtyDunning_10 Start: 5877, Stop: 6857, Start Num: 177

Candidate Starts for DirtyDunning_10:

(Start: 177 @5877 has 116 MA's), (190, 5904), (Start: 202 @5925 has 32 MA's), (Start: 203 @5928 has 2 MA's), (307, 6093), (362, 6177), (389, 6234), (396, 6246), (420, 6297), (432, 6318), (439, 6339), (450, 6366), (468, 6393), (479, 6423), (550, 6573), (598, 6696), (607, 6708), (639, 6774),

Gene: DismalFunk_29 Start: 24807, Stop: 26009, Start Num: 105

Candidate Starts for DismalFunk_29:

(95, 24765), (Start: 105 @24807 has 11 MA's), (115, 24834), (139, 24891), (150, 24912), (Start: 164 @24939 has 214 MA's), (195, 24999), (217, 25035), (Start: 238 @25068 has 1 MA's), (240, 25071), (255, 25101), (288, 25167), (307, 25206), (351, 25284), (375, 25329), (401, 25386), (407, 25404), (478, 25569), (489, 25590), (498, 25611), (557, 25716), (561, 25731), (593, 25800), (625, 25857), (657, 25938),

Gene: DismalStressor_29 Start: 24807, Stop: 26009, Start Num: 105

Candidate Starts for DismalStressor_29:

(95, 24765), (Start: 105 @24807 has 11 MA's), (115, 24834), (139, 24891), (150, 24912), (Start: 164 @24939 has 214 MA's), (195, 24999), (217, 25035), (Start: 238 @25068 has 1 MA's), (240, 25071), (255, 25101), (288, 25167), (307, 25206), (351, 25284), (375, 25329), (401, 25386), (407, 25404), (478, 25569), (489, 25590), (498, 25611), (557, 25716), (561, 25731), (593, 25800), (625, 25857), (657, 25938),

Gene: DmpstrDiver_50 Start: 42106, Stop: 42978, Start Num: 202

Candidate Starts for DmpstrDiver_50:

(Start: 202 @42106 has 32 MA's), (Start: 218 @42133 has 1 MA's), (251, 42193), (278, 42241), (308, 42307), (327, 42328), (342, 42349), (364, 42403), (400, 42484), (522, 42763), (524, 42766), (545, 42790), (579, 42826), (590, 42841), (593, 42853), (601, 42874),

Gene: DoRead_32 Start: 27751, Stop: 28752, Start Num: 164

Candidate Starts for DoRead_32:

(119, 27652), (Start: 164 @27751 has 214 MA's), (Start: 175 @27772 has 331 MA's), (182, 27784), (Start: 203 @27826 has 2 MA's), (222, 27859), (243, 27889), (254, 27910), (Start: 297 @27994 has 1 MA's), (Start: 313 @28018 has 1 MA's), (331, 28033), (339, 28045), (389, 28156), (440, 28270), (446, 28288), (464, 28327), (474, 28351), (487, 28387), (502, 28414), (521, 28453), (570, 28561), (596, 28609), (603, 28621), (630, 28678), (644, 28708),

Gene: DocMcStuffins_33 Start: 28140, Stop: 29141, Start Num: 164

Candidate Starts for DocMcStuffins_33:

(79, 27879), (119, 28041), (Start: 164 @28140 has 214 MA's), (Start: 203 @28215 has 2 MA's), (243, 28278), (254, 28299), (Start: 297 @28383 has 1 MA's), (Start: 313 @28407 has 1 MA's), (331, 28422), (339, 28434), (389, 28545), (440, 28659), (446, 28677), (464, 28716), (474, 28740), (487, 28776), (502, 28803), (521, 28842), (570, 28950), (596, 28998), (603, 29010), (630, 29067), (644, 29097),

Gene: DoctorDiddles_35 Start: 31020, Stop: 31877, Start Num: 209

Candidate Starts for DoctorDiddles_35:

(Start: 209 @31020 has 127 MA's), (229, 31059), (244, 31089), (255, 31110), (274, 31146), (288, 31176), (327, 31251), (352, 31299), (355, 31302), (365, 31326), (367, 31329), (378, 31344), (443, 31515), (494, 31629), (498, 31638), (501, 31644), (504, 31650), (582, 31692), (584, 31695), (612, 31749), (646, 31827), (662, 31860),

Gene: Doddsville_49 Start: 41420, Stop: 42775, Start Num: 89

Candidate Starts for Doddsville_49:

(Start: 89 @41420 has 280 MA's), (Start: 105 @41471 has 11 MA's), (119, 41504), (185, 41633), (186, 41636), (194, 41651), (249, 41747), (273, 41786), (287, 41816), (300, 41852), (354, 41963), (365, 41993), (367, 41996), (397, 42062), (457, 42221), (477, 42269), (481, 42287), (504, 42335), (566, 42479), (588, 42539), (628, 42644), (671, 42731),

Gene: DoesntMatter_48 Start: 41693, Stop: 43048, Start Num: 89

Candidate Starts for DoesntMatter_48:

(Start: 89 @41693 has 280 MA's), (Start: 105 @41744 has 11 MA's), (119, 41777), (185, 41906), (186, 41909), (194, 41924), (249, 42020), (273, 42059), (287, 42089), (300, 42125), (354, 42236), (365, 42266), (367, 42269), (397, 42335), (457, 42494), (477, 42542), (481, 42560), (504, 42608), (566, 42752), (588, 42812), (628, 42917), (671, 43004),

Gene: DolOn_52 Start: 42068, Stop: 43423, Start Num: 89

Candidate Starts for DolOn_52:

(Start: 89 @42068 has 280 MA's), (Start: 105 @42119 has 11 MA's), (119, 42152), (185, 42281), (186, 42284), (194, 42299), (249, 42395), (273, 42434), (287, 42464), (300, 42500), (354, 42611), (365, 42641), (367, 42644), (397, 42710), (457, 42869), (477, 42917), (481, 42935), (504, 42983), (566, 43127), (588, 43187), (628, 43292), (671, 43379),

Gene: Dole_31 Start: 26470, Stop: 27342, Start Num: 227

Candidate Starts for Dole_31:

(Start: 209 @26443 has 127 MA's), (Start: 227 @26470 has 136 MA's), (Start: 238 @26482 has 1 MA's), (275, 26551), (288, 26578), (300, 26608), (307, 26617), (327, 26653), (332, 26662), (346, 26695), (352, 26713), (397, 26803), (465, 26938), (478, 26965), (489, 26986), (499, 27010), (568, 27112), (596, 27163), (621, 27199), (630, 27223), (674, 27322), (676, 27331),

Gene: Domi_246 Start: 144374, Stop: 145402, Start Num: 158

Candidate Starts for Domi_246:

(Start: 158 @144374 has 220 MA's), (Start: 175 @144404 has 331 MA's), (182, 144416), (Start: 203 @144458 has 2 MA's), (243, 144521), (254, 144542), (Start: 297 @144626 has 1 MA's), (331, 144668), (339, 144680), (346, 144695), (378, 144764), (389, 144791), (414, 144845), (427, 144890), (428, 144893), (460, 144971), (468, 144992), (521, 145103), (565, 145193), (570, 145211), (611, 145283), (625, 145316),

Gene: DonSanchon_48 Start: 41403, Stop: 42758, Start Num: 89

Candidate Starts for DonSanchon_48:

(Start: 89 @41403 has 280 MA's), (Start: 105 @41454 has 11 MA's), (119, 41487), (185, 41616), (186, 41619), (194, 41634), (249, 41730), (273, 41769), (287, 41799), (300, 41835), (354, 41946), (365, 41976), (367, 41979), (397, 42045), (457, 42204), (477, 42252), (481, 42270), (504, 42318), (566, 42462), (588, 42522), (628, 42627), (671, 42714),

Gene: Donkeykong_31 Start: 27705, Stop: 28706, Start Num: 164

Candidate Starts for Donkeykong_31:

(Start: 164 @27705 has 214 MA's), (Start: 203 @27780 has 2 MA's), (222, 27813), (243, 27843), (254, 27864), (Start: 297 @27948 has 1 MA's), (339, 27999), (346, 28014), (389, 28110), (439, 28221), (446, 28242), (464, 28281), (468, 28293), (487, 28341), (502, 28368), (516, 28392), (521, 28407), (570, 28515), (596, 28563), (630, 28632), (644, 28662),

Gene: Donovan_27 Start: 24041, Stop: 25207, Start Num: 110

Candidate Starts for Donovan_27:

(Start: 110 @24041 has 51 MA's), (134, 24098), (178, 24185), (207, 24230), (249, 24305), (264, 24326), (300, 24410), (327, 24449), (354, 24515), (365, 24545), (379, 24566), (397, 24611), (434, 24707), (447, 24746), (461, 24761), (477, 24800), (517, 24887), (524, 24905), (531, 24911), (571, 24959), (588, 24980), (621, 25052), (651, 25127),

Gene: DontArgue_9 Start: 3947, Stop: 4915, Start Num: 175

Candidate Starts for DontArgue_9:

(Start: 175 @3947 has 331 MA's), (182, 3959), (Start: 191 @3980 has 6 MA's), (Start: 203 @4001 has 2 MA's), (205, 4004), (280, 4121), (307, 4166), (309, 4169), (333, 4187), (389, 4316), (398, 4331), (407, 4352), (439, 4424), (444, 4439), (452, 4457), (479, 4526), (513, 4589), (552, 4667), (559, 4694), (565, 4709), (571, 4730), (593, 4769), (620, 4820), (640, 4862),

Gene: Doom_10 Start: 6259, Stop: 7227, Start Num: 175

Candidate Starts for Doom_10:

(Start: 175 @6259 has 331 MA's), (Start: 191 @6292 has 6 MA's), (Start: 202 @6310 has 32 MA's), (Start: 203 @6313 has 2 MA's), (366, 6580), (389, 6631), (396, 6643), (430, 6718), (455, 6781), (461, 6793), (468, 6814), (474, 6826), (479, 6844), (487, 6862), (500, 6886), (521, 6925), (563, 7006), (570, 7030), (571, 7033), (572, 7036), (581, 7045), (624, 7132), (644, 7177), (663, 7219),

Gene: Doomphist_31 Start: 27641, Stop: 28642, Start Num: 164

Candidate Starts for Doomphist_31:

(100, 27479), (Start: 164 @27641 has 214 MA's), (Start: 203 @27716 has 2 MA's), (222, 27749), (243, 27779), (254, 27800), (271, 27830), (278, 27842), (Start: 297 @27884 has 1 MA's), (Start: 313 @27908 has 1 MA's), (331, 27923), (339, 27935), (389, 28046), (440, 28160), (446, 28178), (464, 28217), (474, 28241), (487, 28277), (502, 28304), (521, 28343), (552, 28391), (570, 28451), (596, 28499), (603, 28511), (625, 28556), (630, 28568), (644, 28598),

Gene: Doomslug_34 Start: 27357, Stop: 28355, Start Num: 158

Candidate Starts for Doomslug_34:

(Start: 158 @27357 has 220 MA's), (Start: 203 @27432 has 2 MA's), (243, 27492), (254, 27513), (Start: 297 @27597 has 1 MA's), (339, 27648), (346, 27663), (389, 27759), (430, 27846), (439, 27870), (446, 27891), (464, 27930), (468, 27942), (487, 27990), (502, 28017), (516, 28041), (521, 28056), (570, 28164), (596, 28212), (630, 28281), (644, 28311),

Gene: Dorothy_31 Start: 27483, Stop: 28484, Start Num: 164

Candidate Starts for Dorothy_31:

(Start: 164 @27483 has 214 MA's), (Start: 175 @27504 has 331 MA's), (Start: 203 @27558 has 2 MA's), (222, 27591), (243, 27621), (254, 27642), (271, 27672), (278, 27684), (Start: 297 @27726 has 1 MA's), (Start: 313 @27750 has 1 MA's), (331, 27765), (339, 27777), (389, 27888), (440, 28002), (446,

28020), (464, 28059), (474, 28083), (487, 28119), (502, 28146), (521, 28185), (552, 28233), (570, 28293), (596, 28341), (603, 28353), (625, 28398), (630, 28410), (644, 28440),

Gene: DosHalletts_33 Start: 27903, Stop: 28904, Start Num: 164

Candidate Starts for DosHalletts_33:

(Start: 164 @27903 has 214 MA's), (Start: 203 @27978 has 2 MA's), (222, 28011), (243, 28041), (254, 28062), (271, 28092), (278, 28104), (Start: 297 @28146 has 1 MA's), (Start: 313 @28170 has 1 MA's), (331, 28185), (339, 28197), (389, 28308), (428, 28392), (440, 28422), (446, 28440), (464, 28479), (474, 28503), (487, 28539), (502, 28566), (521, 28605), (552, 28653), (570, 28713), (596, 28761), (603, 28773), (625, 28818), (630, 28830), (644, 28860),

Gene: DotProduct_31 Start: 27508, Stop: 28509, Start Num: 164

Candidate Starts for DotProduct_31:

(Start: 164 @27508 has 214 MA's), (Start: 203 @27583 has 2 MA's), (222, 27616), (243, 27646), (254, 27667), (Start: 297 @27751 has 1 MA's), (Start: 313 @27775 has 1 MA's), (331, 27790), (339, 27802), (389, 27913), (440, 28027), (446, 28045), (464, 28084), (474, 28108), (487, 28144), (502, 28171), (521, 28210), (552, 28258), (570, 28318), (603, 28378), (624, 28420), (625, 28423), (630, 28435), (644, 28465),

Gene: DoubleChamp_30 Start: 27200, Stop: 27949, Start Num: 238

Candidate Starts for DoubleChamp_30:

(196, 27140), (Start: 226 @27188 has 29 MA's), (Start: 238 @27200 has 1 MA's), (240, 27203), (242, 27206), (255, 27233), (275, 27269), (302, 27329), (307, 27335), (321, 27365), (327, 27371), (332, 27380), (346, 27413), (364, 27455), (365, 27458), (374, 27470), (390, 27506), (397, 27521), (410, 27557), (465, 27656), (478, 27683), (489, 27704), (596, 27767), (618, 27791), (625, 27815), (651, 27884), (674, 27929), (676, 27938),

Gene: Doug_32 Start: 28084, Stop: 29085, Start Num: 164

Candidate Starts for Doug_32:

(Start: 164 @28084 has 214 MA's), (Start: 203 @28159 has 2 MA's), (222, 28192), (243, 28222), (254, 28243), (Start: 297 @28327 has 1 MA's), (Start: 313 @28351 has 1 MA's), (331, 28366), (339, 28378), (389, 28489), (440, 28603), (446, 28621), (464, 28660), (474, 28684), (487, 28720), (502, 28747), (521, 28786), (570, 28894), (596, 28942), (630, 29011), (644, 29041),

Gene: Douge_26 Start: 25265, Stop: 26287, Start Num: 169

Candidate Starts for Douge_26:

(Start: 169 @25265 has 29 MA's), (237, 25376), (258, 25409), (261, 25415), (265, 25421), (Start: 313 @25523 has 1 MA's), (316, 25526), (339, 25565), (346, 25586), (362, 25628), (389, 25685), (440, 25799), (479, 25904), (523, 25985), (526, 25988), (548, 26033), (571, 26096), (581, 26108), (620, 26183), (630, 26210),

Gene: Doughnut_30 Start: 24878, Stop: 26089, Start Num: 105

Candidate Starts for Doughnut_30:

(16, 24167), (19, 24230), (22, 24254), (78, 24755), (82, 24776), (95, 24839), (Start: 105 @24878 has 11 MA's), (115, 24905), (124, 24926), (139, 24962), (Start: 164 @25007 has 214 MA's), (217, 25103), (Start: 238 @25136 has 1 MA's), (240, 25139), (255, 25169), (288, 25235), (307, 25274), (351, 25352), (375, 25397), (401, 25454), (407, 25472), (436, 25544), (478, 25637), (489, 25658), (498, 25679), (499, 25682), (557, 25796), (561, 25811), (593, 25880), (625, 25937), (657, 26018),

Gene: Douzhi_26 Start: 25346, Stop: 26368, Start Num: 169

Candidate Starts for Douzhi_26:

(Start: 169 @25346 has 29 MA's), (237, 25457), (258, 25490), (261, 25496), (265, 25502), (Start: 313 @25604 has 1 MA's), (316, 25607), (339, 25646), (346, 25667), (362, 25709), (389, 25766), (440,

25880), (479, 25985), (523, 26066), (526, 26069), (548, 26114), (571, 26177), (581, 26189), (618, 26255), (620, 26264), (630, 26291),

Gene: Dove_46 Start: 41631, Stop: 42497, Start Num: 202

Candidate Starts for Dove_46:

(Start: 202 @41631 has 32 MA's), (Start: 218 @41658 has 1 MA's), (278, 41766), (288, 41787), (308, 41832), (327, 41853), (342, 41874), (364, 41928), (387, 41979), (407, 42030), (473, 42180), (489, 42222), (517, 42273), (524, 42291), (584, 42357), (591, 42369), (593, 42378), (602, 42408), (633, 42471),

Gene: DrDrey_36 Start: 32350, Stop: 33207, Start Num: 209

Candidate Starts for DrDrey_36:

(Start: 209 @32350 has 127 MA's), (229, 32389), (244, 32419), (255, 32440), (274, 32476), (288, 32506), (327, 32581), (352, 32629), (355, 32632), (365, 32656), (367, 32659), (378, 32674), (443, 32845), (494, 32959), (501, 32974), (504, 32980), (582, 33022), (584, 33025), (612, 33079), (646, 33157), (662, 33190),

Gene: DrFeelGood_9 Start: 5783, Stop: 6751, Start Num: 175

Candidate Starts for DrFeelGood_9:

(Start: 175 @5783 has 331 MA's), (Start: 191 @5816 has 6 MA's), (Start: 202 @5834 has 32 MA's), (Start: 203 @5837 has 2 MA's), (366, 6104), (389, 6155), (396, 6167), (430, 6242), (455, 6305), (468, 6338), (474, 6350), (479, 6368), (487, 6386), (500, 6410), (521, 6449), (563, 6530), (570, 6554), (571, 6557), (572, 6560), (581, 6569), (624, 6656), (644, 6701), (663, 6743),

Gene: DrHayes_31 Start: 26382, Stop: 27254, Start Num: 227

Candidate Starts for DrHayes_31:

(165, 26280), (Start: 209 @26355 has 127 MA's), (Start: 227 @26382 has 136 MA's), (Start: 238 @26394 has 1 MA's), (275, 26463), (288, 26490), (300, 26520), (307, 26529), (327, 26565), (332, 26574), (346, 26607), (352, 26625), (397, 26715), (465, 26850), (478, 26877), (489, 26898), (499, 26922), (539, 26973), (596, 27075), (621, 27111), (630, 27135), (674, 27234), (676, 27243),

Gene: DrLupo_42 Start: 32782, Stop: 33864, Start Num: 129

Candidate Starts for DrLupo_42:

(Start: 129 @32782 has 3 MA's), (234, 32974), (257, 33019), (290, 33076), (317, 33130), (346, 33172), (352, 33190), (358, 33208), (366, 33223), (394, 33286), (421, 33319), (425, 33325), (440, 33376), (441, 33379), (484, 33493), (493, 33502), (497, 33511), (569, 33661), (592, 33688), (597, 33703), (618, 33733), (641, 33784), (663, 33838),

Gene: DrPhinkDaddy_249 Start: 145599, Stop: 146627, Start Num: 158

Candidate Starts for DrPhinkDaddy_249:

(Start: 158 @145599 has 220 MA's), (Start: 175 @145629 has 331 MA's), (182, 145641), (Start: 203 @145683 has 2 MA's), (243, 145746), (254, 145767), (Start: 297 @145851 has 1 MA's), (331, 145893), (339, 145905), (346, 145920), (378, 145989), (389, 146016), (414, 146070), (427, 146115), (428, 146118), (460, 146196), (468, 146217), (521, 146328), (565, 146418), (570, 146436), (611, 146508), (625, 146541),

Gene: DrSeegs_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for DrSeegs_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Drago_32 Start: 27335, Stop: 28336, Start Num: 164

Candidate Starts for Drago_32:

(79, 27083), (119, 27236), (Start: 164 @27335 has 214 MA's), (Start: 175 @27356 has 331 MA's), (182, 27368), (Start: 203 @27410 has 2 MA's), (243, 27473), (254, 27494), (271, 27524), (Start: 297 @27578 has 1 MA's), (Start: 313 @27602 has 1 MA's), (339, 27629), (389, 27740), (440, 27854), (446, 27872), (464, 27911), (474, 27935), (487, 27971), (502, 27998), (521, 28037), (552, 28085), (570, 28145), (603, 28205), (630, 28262), (644, 28292),

Gene: Drake55_13 Start: 6940, Stop: 7917, Start Num: 175

Candidate Starts for Drake55_13:

(Start: 175 @6940 has 331 MA's), (Start: 203 @6994 has 2 MA's), (250, 7051), (344, 7183), (362, 7231), (389, 7288), (407, 7324), (430, 7372), (444, 7411), (475, 7483), (479, 7498), (502, 7543), (513, 7561), (540, 7603), (552, 7651), (559, 7678), (565, 7693), (570, 7711), (571, 7714), (620, 7804),

Gene: Drake94_9 Start: 3773, Stop: 4747, Start Num: 175

Candidate Starts for Drake94_9:

(152, 3734), (Start: 175 @3773 has 331 MA's), (Start: 191 @3806 has 6 MA's), (Start: 203 @3827 has 2 MA's), (Start: 315 @3995 has 18 MA's), (339, 4037), (344, 4052), (389, 4157), (430, 4229), (440, 4256), (441, 4259), (444, 4268), (479, 4355), (552, 4502), (571, 4565), (593, 4604), (618, 4646),

Gene: Drazdys_249 Start: 145179, Stop: 146207, Start Num: 158

Candidate Starts for Drazdys_249:

(Start: 158 @145179 has 220 MA's), (Start: 175 @145209 has 331 MA's), (182, 145221), (Start: 203 @145263 has 2 MA's), (243, 145326), (254, 145347), (Start: 297 @145431 has 1 MA's), (331, 145473), (339, 145485), (346, 145500), (378, 145569), (389, 145596), (414, 145650), (427, 145695), (428, 145698), (460, 145776), (468, 145797), (521, 145908), (565, 145998), (570, 146016), (611, 146088), (625, 146121),

Gene: DreamCatcher_11 Start: 6375, Stop: 7343, Start Num: 175

Candidate Starts for DreamCatcher_11:

(Start: 175 @6375 has 331 MA's), (Start: 191 @6408 has 6 MA's), (Start: 202 @6426 has 32 MA's), (Start: 203 @6429 has 2 MA's), (366, 6696), (389, 6747), (396, 6759), (430, 6834), (468, 6930), (479, 6960), (521, 7041), (563, 7122), (570, 7146), (571, 7149), (572, 7152), (581, 7161), (624, 7248), (663, 7335),

Gene: Dreamboat_11 Start: 5911, Stop: 6879, Start Num: 175

Candidate Starts for Dreamboat_11:

(Start: 175 @5911 has 331 MA's), (Start: 191 @5944 has 6 MA's), (Start: 202 @5962 has 32 MA's), (Start: 203 @5965 has 2 MA's), (331, 6154), (366, 6232), (389, 6283), (396, 6295), (430, 6370), (455, 6433), (468, 6466), (474, 6478), (479, 6496), (487, 6514), (500, 6538), (521, 6577), (563, 6658), (570, 6682), (571, 6685), (572, 6688), (581, 6697), (624, 6784), (644, 6829), (663, 6871),

Gene: DroogsArmy_11 Start: 7064, Stop: 8041, Start Num: 175

Candidate Starts for DroogsArmy_11:

(Start: 175 @7064 has 331 MA's), (Start: 203 @7118 has 2 MA's), (241, 7172), (261, 7205), (344, 7337), (389, 7442), (430, 7514), (440, 7541), (444, 7553), (452, 7571), (479, 7640), (513, 7703), (552, 7781), (559, 7808), (570, 7841), (571, 7844), (596, 7892), (620, 7934), (628, 7958), (645, 8000),

Gene: DropBear_10 Start: 5799, Stop: 6539, Start Num: 315

Candidate Starts for DropBear_10:

(Start: 315 @5799 has 18 MA's), (362, 5886), (389, 5943), (396, 5955), (398, 5958), (408, 5982), (414, 5997), (427, 6015), (439, 6045), (441, 6051), (444, 6060), (452, 6078), (474, 6129), (479, 6147), (518,

6219), (546, 6261), (552, 6288), (559, 6315), (570, 6348), (571, 6351), (593, 6390), (666, 6531),

Gene: Druantia_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Druantia_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: DuchessDung_48 Start: 40692, Stop: 42047, Start Num: 89

Candidate Starts for DuchessDung_48:

(Start: 89 @40692 has 280 MA's), (Start: 105 @40743 has 11 MA's), (119, 40776), (185, 40905), (186, 40908), (194, 40923), (249, 41019), (273, 41058), (287, 41088), (300, 41124), (354, 41235), (365, 41265), (367, 41268), (397, 41334), (457, 41493), (477, 41541), (481, 41559), (504, 41607), (566, 41751), (588, 41811), (628, 41916), (671, 42003),

Gene: Duckfeet_246 Start: 143976, Stop: 145004, Start Num: 158

Candidate Starts for Duckfeet_246:

(Start: 158 @143976 has 220 MA's), (Start: 175 @144006 has 331 MA's), (Start: 203 @144060 has 2 MA's), (243, 144123), (254, 144144), (Start: 297 @144228 has 1 MA's), (331, 144270), (339, 144282), (346, 144297), (378, 144366), (389, 144393), (414, 144447), (427, 144492), (428, 144495), (460, 144573), (468, 144594), (521, 144705), (565, 144795), (570, 144813), (611, 144885), (625, 144918),

Gene: DudeLittle_11 Start: 6524, Stop: 7516, Start Num: 175

Candidate Starts for DudeLittle_11:

(Start: 175 @6524 has 331 MA's), (Start: 191 @6557 has 6 MA's), (Start: 202 @6575 has 32 MA's), (Start: 203 @6578 has 2 MA's), (222, 6611), (237, 6626), (293, 6713), (309, 6746), (331, 6752), (344, 6779), (368, 6839), (389, 6884), (450, 7016), (476, 7055), (497, 7103), (542, 7184), (552, 7226), (580, 7313), (598, 7349), (617, 7373), (631, 7415), (636, 7427), (669, 7502),

Gene: Duggie_48 Start: 41422, Stop: 42777, Start Num: 89

Candidate Starts for Duggie_48:

(Start: 89 @41422 has 280 MA's), (Start: 105 @41473 has 11 MA's), (119, 41506), (185, 41635), (186, 41638), (194, 41653), (249, 41749), (273, 41788), (287, 41818), (300, 41854), (354, 41965), (365, 41995), (367, 41998), (397, 42064), (457, 42223), (477, 42271), (481, 42289), (504, 42337), (566, 42481), (588, 42541), (628, 42646), (671, 42733),

Gene: Duke13_52 Start: 42424, Stop: 43296, Start Num: 202

Candidate Starts for Duke13_52:

(Start: 202 @42424 has 32 MA's), (Start: 218 @42451 has 1 MA's), (251, 42511), (278, 42559), (308, 42625), (327, 42646), (342, 42667), (364, 42721), (400, 42802), (522, 43081), (524, 43084), (545, 43108), (579, 43144), (590, 43159), (593, 43171), (601, 43192),

Gene: Dulcie_9 Start: 5658, Stop: 6626, Start Num: 175

Candidate Starts for Dulcie_9:

(Start: 175 @5658 has 331 MA's), (Start: 191 @5691 has 6 MA's), (Start: 202 @5709 has 32 MA's), (Start: 203 @5712 has 2 MA's), (366, 5979), (389, 6030), (396, 6042), (430, 6117), (468, 6213), (474, 6225), (479, 6243), (487, 6261), (500, 6285), (521, 6324), (563, 6405), (570, 6429), (571, 6432), (572, 6435), (581, 6444), (644, 6576), (663, 6618),

Gene: Dulcita_39 Start: 31793, Stop: 32764, Start Num: 206

Candidate Starts for Dulcita_39:

(Start: 206 @31793 has 15 MA's), (220, 31817), (228, 31832), (295, 31970), (309, 31997), (Start: 326 @32015 has 2 MA's), (333, 32027), (339, 32036), (356, 32081), (362, 32093), (378, 32120), (389,

32147), (396, 32159), (416, 32204), (428, 32231), (440, 32261), (443, 32270), (444, 32273), (485, 32360), (495, 32375), (563, 32528), (564, 32531), (592, 32591), (596, 32603), (599, 32612), (621, 32648), (626, 32663), (642, 32702), (653, 32735),

Gene: Dumbo_35 Start: 31325, Stop: 32182, Start Num: 209

Candidate Starts for Dumbo_35:

(Start: 209 @31325 has 127 MA's), (229, 31364), (244, 31394), (255, 31415), (274, 31451), (288, 31481), (327, 31556), (352, 31604), (355, 31607), (365, 31631), (367, 31634), (378, 31649), (443, 31820), (494, 31934), (501, 31949), (504, 31955), (582, 31997), (584, 32000), (609, 32051), (612, 32054), (646, 32132), (662, 32165),

Gene: DuncansLeg_28 Start: 26834, Stop: 27877, Start Num: 111

Candidate Starts for DuncansLeg_28:

(Start: 111 @26834 has 20 MA's), (113, 26840), (126, 26867), (134, 26888), (159, 26939), (200, 27020), (259, 27125), (307, 27212), (329, 27254), (360, 27308), (369, 27326), (374, 27332), (377, 27338), (407, 27410), (436, 27467), (466, 27527), (501, 27602), (590, 27647), (594, 27662), (596, 27668), (630, 27731), (674, 27833), (677, 27854), (679, 27860),

Gene: Duplo_14 Start: 6638, Stop: 7402, Start Num: 311

Candidate Starts for Duplo_14:

(Start: 311 @6638 has 12 MA's), (389, 6782), (430, 6869), (440, 6896), (444, 6908), (479, 6995), (546, 7109), (552, 7136), (570, 7196), (571, 7199), (592, 7235), (620, 7289), (640, 7337),

Gene: Durfee_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Durfee_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Durga_50 Start: 41858, Stop: 43213, Start Num: 89

Candidate Starts for Durga_50:

(Start: 89 @41858 has 280 MA's), (Start: 105 @41909 has 11 MA's), (119, 41942), (185, 42071), (186, 42074), (194, 42089), (249, 42185), (273, 42224), (287, 42254), (300, 42290), (354, 42401), (365, 42431), (367, 42434), (397, 42500), (457, 42659), (477, 42707), (481, 42725), (504, 42773), (566, 42917), (588, 42977), (628, 43082), (671, 43169),

Gene: Dusk_34 Start: 31510, Stop: 32367, Start Num: 209

Candidate Starts for Dusk_34:

(Start: 209 @31510 has 127 MA's), (229, 31549), (244, 31579), (255, 31600), (274, 31636), (288, 31666), (327, 31741), (352, 31789), (355, 31792), (365, 31816), (367, 31819), (378, 31834), (443, 32005), (494, 32119), (501, 32134), (504, 32140), (582, 32182), (584, 32185), (612, 32239), (646, 32317), (662, 32350),

Gene: Dussy_11 Start: 6019, Stop: 6987, Start Num: 175

Candidate Starts for Dussy_11:

(Start: 175 @6019 has 331 MA's), (Start: 191 @6052 has 6 MA's), (Start: 202 @6070 has 32 MA's), (Start: 203 @6073 has 2 MA's), (366, 6340), (389, 6391), (396, 6403), (430, 6478), (455, 6541), (461, 6553), (468, 6574), (474, 6586), (479, 6604), (487, 6622), (500, 6646), (521, 6685), (563, 6766), (570, 6790), (571, 6793), (572, 6796), (581, 6805), (624, 6892), (644, 6937), (663, 6979),

Gene: DustyMartin_13 Start: 5759, Stop: 6733, Start Num: 175

Candidate Starts for DustyMartin_13:

(Start: 175 @5759 has 331 MA's), (Start: 203 @5813 has 2 MA's), (237, 5861), (299, 5966), (389, 6128), (398, 6143), (407, 6164), (439, 6236), (444, 6251), (474, 6320), (479, 6338), (502, 6383), (513, 6401), (552, 6479), (559, 6506), (565, 6521), (571, 6542), (593, 6581), (620, 6632), (640, 6674), (663, 6725),

Gene: Dylan_67 Start: 43515, Stop: 44555, Start Num: 160

Candidate Starts for Dylan_67:

(Start: 160 @43515 has 30 MA's), (Start: 203 @43590 has 2 MA's), (243, 43671), (246, 43677), (254, 43692), (295, 43773), (Start: 297 @43776 has 1 MA's), (339, 43830), (346, 43845), (389, 43941), (408, 43980), (416, 44010), (427, 44040), (428, 44043), (441, 44076), (468, 44142), (482, 44181), (487, 44190), (502, 44217), (521, 44256), (608, 44430), (630, 44481),

Gene: Dynamix_10 Start: 5732, Stop: 6700, Start Num: 175

Candidate Starts for Dynamix_10:

(Start: 175 @5732 has 331 MA's), (Start: 191 @5765 has 6 MA's), (Start: 202 @5783 has 32 MA's), (Start: 203 @5786 has 2 MA's), (366, 6053), (389, 6104), (396, 6116), (430, 6191), (455, 6254), (468, 6287), (474, 6299), (479, 6317), (487, 6335), (500, 6359), (521, 6398), (563, 6479), (570, 6503), (571, 6506), (572, 6509), (581, 6518), (624, 6605), (663, 6692),

Gene: Dynamo_27 Start: 24463, Stop: 25629, Start Num: 110

Candidate Starts for Dynamo_27:

(Start: 110 @24463 has 51 MA's), (134, 24520), (178, 24607), (207, 24652), (249, 24727), (264, 24748), (300, 24832), (327, 24871), (354, 24937), (365, 24967), (379, 24988), (397, 25033), (434, 25129), (447, 25168), (461, 25183), (477, 25222), (517, 25309), (524, 25327), (531, 25333), (571, 25381), (588, 25402), (621, 25474), (651, 25549),

Gene: DyoEdafos_27 Start: 25472, Stop: 26494, Start Num: 169

Candidate Starts for DyoEdafos_27:

(Start: 169 @25472 has 29 MA's), (237, 25583), (239, 25586), (258, 25616), (261, 25622), (265, 25628), (293, 25682), (Start: 313 @25730 has 1 MA's), (322, 25748), (333, 25763), (346, 25793), (362, 25835), (389, 25892), (440, 26006), (444, 26018), (479, 26111), (523, 26192), (548, 26240), (554, 26258), (571, 26303), (581, 26315), (620, 26390), (630, 26417),

Gene: ECartman_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for ECartman_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: ET08_238 Start: 143503, Stop: 144531, Start Num: 158

Candidate Starts for ET08_238:

(Start: 158 @143503 has 220 MA's), (Start: 175 @143533 has 331 MA's), (Start: 203 @143587 has 2 MA's), (243, 143650), (254, 143671), (Start: 297 @143755 has 1 MA's), (331, 143797), (339, 143809), (346, 143824), (378, 143893), (389, 143920), (414, 143974), (427, 144019), (428, 144022), (460, 144100), (468, 144121), (521, 144232), (565, 144322), (570, 144340), (611, 144412), (625, 144445),

Gene: EZMoney23_15 Start: 8407, Stop: 9384, Start Num: 175

Candidate Starts for EZMoney23_15:

(Start: 175 @8407 has 331 MA's), (Start: 203 @8461 has 2 MA's), (241, 8500), (344, 8650), (362, 8698), (389, 8755), (407, 8791), (430, 8839), (444, 8878), (474, 8947), (475, 8950), (479, 8965), (502, 9010), (513, 9028), (540, 9070), (552, 9118), (559, 9145), (565, 9160), (570, 9178), (571, 9181), (620, 9271),

Gene: Eagle_9 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Eagle_9:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Eaglepride_11 Start: 5708, Stop: 6676, Start Num: 175

Candidate Starts for Eaglepride_11:

(154, 5669), (Start: 175 @5708 has 331 MA's), (182, 5720), (Start: 191 @5741 has 6 MA's), (Start: 203 @5762 has 2 MA's), (205, 5765), (299, 5915), (309, 5930), (333, 5948), (389, 6077), (398, 6092), (430, 6161), (439, 6185), (441, 6191), (444, 6200), (474, 6269), (479, 6287), (513, 6350), (552, 6428), (559, 6455), (565, 6470), (571, 6491), (593, 6530), (620, 6581), (624, 6593), (628, 6605), (640, 6623),

Gene: Eapen_10 Start: 5883, Stop: 6863, Start Num: 177

Candidate Starts for Eapen_10:

(Start: 177 @5883 has 116 MA's), (Start: 179 @5886 has 14 MA's), (190, 5910), (Start: 202 @5931 has 32 MA's), (Start: 203 @5934 has 2 MA's), (362, 6183), (389, 6240), (432, 6324), (439, 6345), (450, 6372), (469, 6402), (479, 6429), (550, 6579), (594, 6690), (598, 6702), (607, 6714), (639, 6780),

Gene: Easy2Say_37 Start: 33108, Stop: 33965, Start Num: 209

Candidate Starts for Easy2Say_37:

(Start: 209 @33108 has 127 MA's), (229, 33147), (244, 33177), (255, 33198), (274, 33234), (288, 33264), (327, 33339), (352, 33387), (355, 33390), (365, 33414), (367, 33417), (378, 33432), (443, 33603), (494, 33717), (501, 33732), (504, 33738), (582, 33780), (584, 33783), (612, 33837), (646, 33915), (662, 33948),

Gene: EasyJones_253 Start: 143585, Stop: 144583, Start Num: 175

Candidate Starts for EasyJones_253:

(Start: 158 @143555 has 220 MA's), (Start: 175 @143585 has 331 MA's), (182, 143597), (Start: 203 @143639 has 2 MA's), (243, 143702), (254, 143723), (Start: 297 @143807 has 1 MA's), (331, 143849), (339, 143861), (346, 143876), (378, 143945), (389, 143972), (414, 144026), (427, 144071), (428, 144074), (460, 144152), (468, 144173), (521, 144284), (565, 144374), (570, 144392), (611, 144464), (625, 144497),

Gene: Echild_11 Start: 6541, Stop: 7518, Start Num: 175

Candidate Starts for Echild_11:

(Start: 175 @6541 has 331 MA's), (Start: 203 @6595 has 2 MA's), (344, 6784), (356, 6820), (362, 6832), (389, 6889), (407, 6925), (430, 6973), (444, 7012), (464, 7060), (472, 7078), (475, 7084), (479, 7099), (502, 7144), (513, 7162), (540, 7204), (552, 7252), (559, 7279), (565, 7294), (570, 7312), (571, 7315), (620, 7405), (658, 7504),

Gene: Edison31_10 Start: 5718, Stop: 6692, Start Num: 175

Candidate Starts for Edison31_10:

(Start: 175 @5718 has 331 MA's), (Start: 179 @5724 has 14 MA's), (Start: 203 @5772 has 2 MA's), (299, 5925), (389, 6087), (398, 6102), (407, 6123), (439, 6195), (441, 6201), (444, 6210), (462, 6252), (474, 6279), (479, 6297), (502, 6342), (513, 6360), (552, 6438), (559, 6465), (565, 6480), (571, 6501), (593, 6540), (620, 6591), (640, 6633), (663, 6684),

Gene: Edtherson_11 Start: 6516, Stop: 7484, Start Num: 175

Candidate Starts for Edtherson_11:

(Start: 175 @6516 has 331 MA's), (Start: 191 @6549 has 6 MA's), (Start: 202 @6567 has 32 MA's), (366, 6837), (389, 6888), (396, 6900), (430, 6975), (455, 7038), (461, 7050), (468, 7071), (474, 7083),

(479, 7101), (487, 7119), (500, 7143), (521, 7182), (563, 7263), (570, 7287), (571, 7290), (572, 7293), (581, 7302), (624, 7389), (633, 7413), (644, 7434), (663, 7476),

Gene: Edugator_30 Start: 27158, Stop: 27919, Start Num: 226

Candidate Starts for Edugator_30:

(196, 27110), (Start: 226 @27158 has 29 MA's), (Start: 238 @27170 has 1 MA's), (242, 27176), (255, 27203), (275, 27239), (302, 27299), (307, 27305), (321, 27335), (327, 27341), (332, 27350), (346, 27383), (364, 27425), (365, 27428), (374, 27440), (390, 27476), (397, 27491), (410, 27527), (465, 27626), (478, 27653), (489, 27674), (596, 27737), (618, 27761), (625, 27785), (651, 27854), (674, 27899), (676, 27908),

Gene: Efra2_31 Start: 25702, Stop: 26571, Start Num: 227

Candidate Starts for Efra2_31:

(196, 25654), (Start: 209 @25675 has 127 MA's), (Start: 227 @25702 has 136 MA's), (Start: 238 @25714 has 1 MA's), (251, 25741), (255, 25747), (272, 25777), (275, 25783), (307, 25846), (327, 25882), (332, 25891), (346, 25924), (367, 25972), (401, 26041), (478, 26194), (489, 26215), (499, 26239), (509, 26257), (527, 26278), (559, 26317), (596, 26392), (657, 26521), (674, 26551), (676, 26560),

Gene: EggyFarm_260 Start: 146394, Stop: 147422, Start Num: 158

Candidate Starts for EggyFarm_260:

(Start: 158 @146394 has 220 MA's), (Start: 175 @146424 has 331 MA's), (182, 146436), (Start: 203 @146478 has 2 MA's), (243, 146541), (254, 146562), (Start: 297 @146646 has 1 MA's), (331, 146688), (339, 146700), (346, 146715), (378, 146784), (389, 146811), (414, 146865), (427, 146910), (428, 146913), (460, 146991), (468, 147012), (521, 147123), (565, 147213), (570, 147231), (611, 147303), (625, 147336),

Gene: Ein37_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Ein37_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Eish_31 Start: 27924, Stop: 29228, Start Num: 71

Candidate Starts for Eish_31:

(64, 27894), (65, 27900), (68, 27912), (Start: 71 @27924 has 1 MA's), (74, 27936), (Start: 164 @28212 has 214 MA's), (232, 28344), (243, 28365), (254, 28386), (271, 28416), (278, 28428), (Start: 297 @28470 has 1 MA's), (Start: 313 @28494 has 1 MA's), (331, 28509), (339, 28521), (389, 28632), (440, 28746), (446, 28764), (464, 28803), (474, 28827), (487, 28863), (502, 28890), (521, 28929), (570, 29037), (596, 29085), (603, 29097), (625, 29142), (630, 29154), (644, 29184),

Gene: Ejimix_49 Start: 43361, Stop: 44233, Start Num: 202

Candidate Starts for Ejimix_49:

(Start: 202 @43361 has 32 MA's), (Start: 218 @43388 has 1 MA's), (251, 43448), (278, 43496), (308, 43562), (327, 43583), (342, 43604), (364, 43658), (400, 43739), (522, 44018), (524, 44021), (545, 44045), (579, 44081), (590, 44096), (593, 44108), (601, 44129),

Gene: Ekdilam_28 Start: 26650, Stop: 27390, Start Num: 227

Candidate Starts for Ekdilam_28:

(165, 26551), (176, 26572), (196, 26605), (Start: 209 @26626 has 127 MA's), (Start: 227 @26650 has 136 MA's), (Start: 238 @26662 has 1 MA's), (255, 26695), (300, 26779), (307, 26788), (314, 26800), (332, 26833), (346, 26866), (397, 26974), (407, 27001), (478, 27136), (489, 27157), (499, 27181), (591, 27193), (593, 27202), (625, 27259), (630, 27271), (657, 27340), (674, 27370),

Gene: EleanorGeorge_32 Start: 28150, Stop: 29220, Start Num: 164

Candidate Starts for EleanorGeorge_32:

(138, 28096), (Start: 164 @28150 has 214 MA's), (288, 28366), (290, 28369), (316, 28420), (346, 28462), (366, 28513), (413, 28627), (423, 28660), (445, 28735), (454, 28756), (518, 28885), (552, 28957), (592, 29053), (596, 29065), (630, 29134), (654, 29191), (660, 29200),

Gene: Elite2014_34 Start: 31065, Stop: 31922, Start Num: 209

Candidate Starts for Elite2014_34:

(Start: 209 @31065 has 127 MA's), (229, 31104), (244, 31134), (255, 31155), (274, 31191), (288, 31221), (327, 31296), (352, 31344), (355, 31347), (365, 31371), (367, 31374), (378, 31389), (443, 31560), (494, 31674), (501, 31689), (504, 31695), (582, 31737), (584, 31740), (612, 31794), (646, 31872), (662, 31905),

Gene: Ellie_28 Start: 26652, Stop: 27389, Start Num: 227

Candidate Starts for Ellie_28:

(165, 26541), (176, 26562), (196, 26601), (Start: 209 @26622 has 127 MA's), (Start: 227 @26652 has 136 MA's), (Start: 238 @26664 has 1 MA's), (255, 26697), (275, 26733), (300, 26781), (307, 26790), (314, 26802), (327, 26826), (346, 26868), (397, 26976), (407, 27003), (451, 27090), (465, 27108), (476, 27123), (478, 27135), (489, 27156), (499, 27180), (591, 27192), (593, 27201), (596, 27210), (625, 27258), (674, 27369), (675, 27378),

Gene: Ellson_28 Start: 26821, Stop: 27864, Start Num: 111

Candidate Starts for Ellson_28:

(Start: 111 @26821 has 20 MA's), (113, 26827), (126, 26854), (134, 26875), (159, 26926), (200, 27007), (259, 27112), (302, 27193), (307, 27199), (329, 27241), (360, 27295), (369, 27313), (374, 27319), (377, 27325), (407, 27397), (436, 27454), (466, 27514), (501, 27589), (590, 27634), (594, 27649), (596, 27655), (630, 27718), (674, 27820), (677, 27841), (679, 27847),

Gene: Elph10_36 Start: 31328, Stop: 32185, Start Num: 209

Candidate Starts for Elph10_36:

(Start: 209 @31328 has 127 MA's), (229, 31367), (244, 31397), (255, 31418), (274, 31454), (288, 31484), (327, 31559), (352, 31607), (355, 31610), (365, 31634), (367, 31637), (378, 31652), (443, 31823), (494, 31937), (501, 31952), (504, 31958), (582, 32000), (584, 32003), (612, 32057), (646, 32135), (662, 32168),

Gene: ElvisPhasley_50 Start: 41880, Stop: 43235, Start Num: 89

Candidate Starts for ElvisPhasley_50:

(Start: 89 @41880 has 280 MA's), (Start: 105 @41931 has 11 MA's), (119, 41964), (185, 42093), (186, 42096), (194, 42111), (249, 42207), (273, 42246), (287, 42276), (300, 42312), (354, 42423), (365, 42453), (367, 42456), (397, 42522), (457, 42681), (477, 42729), (481, 42747), (504, 42795), (566, 42939), (588, 42999), (628, 43104), (651, 43158), (671, 43191),

Gene: EmToTheThree_253 Start: 145387, Stop: 146415, Start Num: 158

Candidate Starts for EmToTheThree_253:

(Start: 158 @145387 has 220 MA's), (Start: 175 @145417 has 331 MA's), (182, 145429), (Start: 203 @145471 has 2 MA's), (243, 145534), (254, 145555), (Start: 297 @145639 has 1 MA's), (331, 145681), (339, 145693), (346, 145708), (378, 145777), (389, 145804), (414, 145858), (427, 145903), (428, 145906), (460, 145984), (468, 146005), (521, 146116), (565, 146206), (570, 146224), (611,

146296), (625, 146329),

Gene: Emerson_31 Start: 26454, Stop: 27326, Start Num: 227

Candidate Starts for Emerson_31:

(Start: 209 @26427 has 127 MA's), (Start: 227 @26454 has 136 MA's), (Start: 238 @26466 has 1 MA's), (275, 26535), (288, 26562), (300, 26592), (307, 26601), (327, 26637), (332, 26646), (346, 26679), (352, 26697), (367, 26727), (395, 26784), (397, 26787), (465, 26922), (478, 26949), (489, 26970), (499, 26994), (539, 27045), (596, 27147), (621, 27183), (649, 27255), (674, 27306), (676, 27315),

Gene: EmiMonkey_32 Start: 29131, Stop: 30132, Start Num: 164

Candidate Starts for EmiMonkey_32:

(Start: 164 @29131 has 214 MA's), (Start: 203 @29206 has 2 MA's), (222, 29239), (243, 29269), (254, 29290), (271, 29320), (278, 29332), (Start: 297 @29374 has 1 MA's), (Start: 313 @29398 has 1 MA's), (331, 29413), (339, 29425), (389, 29536), (440, 29650), (446, 29668), (464, 29707), (474, 29731), (487, 29767), (521, 29833), (570, 29941), (596, 29989), (603, 30001), (625, 30046), (630, 30058), (644, 30088),

Gene: Emiris_50 Start: 41826, Stop: 43181, Start Num: 89

Candidate Starts for Emiris_50:

(Start: 89 @41826 has 280 MA's), (Start: 105 @41877 has 11 MA's), (119, 41910), (185, 42039), (186, 42042), (194, 42057), (249, 42153), (273, 42192), (287, 42222), (300, 42258), (354, 42369), (365, 42399), (367, 42402), (397, 42468), (457, 42627), (477, 42675), (481, 42693), (504, 42741), (566, 42885), (588, 42945), (628, 43050), (671, 43137),

Gene: Emma_33 Start: 28128, Stop: 29126, Start Num: 158

Candidate Starts for Emma_33:

(Start: 158 @28128 has 220 MA's), (Start: 203 @28203 has 2 MA's), (243, 28263), (254, 28284), (Start: 297 @28368 has 1 MA's), (339, 28419), (346, 28434), (389, 28530), (439, 28641), (446, 28662), (464, 28701), (468, 28713), (487, 28761), (502, 28788), (516, 28812), (521, 28827), (570, 28935), (596, 28983), (630, 29052), (644, 29082),

Gene: EmmaElysia_257 Start: 146050, Stop: 147078, Start Num: 158

Candidate Starts for EmmaElysia_257:

(Start: 158 @146050 has 220 MA's), (Start: 175 @146080 has 331 MA's), (182, 146092), (Start: 203 @146134 has 2 MA's), (243, 146197), (254, 146218), (Start: 297 @146302 has 1 MA's), (331, 146344), (339, 146356), (346, 146371), (378, 146440), (389, 146467), (414, 146521), (427, 146566), (428, 146569), (460, 146647), (468, 146668), (521, 146779), (565, 146869), (570, 146887), (611, 146959), (625, 146992),

Gene: Emmaloid_33 Start: 28900, Stop: 29901, Start Num: 164

Candidate Starts for Emmaloid_33:

(35, 28279), (41, 28357), (45, 28420), (53, 28459), (70, 28612), (79, 28648), (Start: 164 @28900 has 214 MA's), (Start: 175 @28921 has 331 MA's), (182, 28933), (Start: 203 @28975 has 2 MA's), (243, 29038), (254, 29059), (271, 29089), (Start: 297 @29143 has 1 MA's), (Start: 313 @29167 has 1 MA's), (339, 29194), (389, 29305), (440, 29419), (446, 29437), (464, 29476), (474, 29500), (487, 29536), (502, 29563), (521, 29602), (552, 29650), (570, 29710), (596, 29758), (603, 29770), (630, 29827), (644, 29857),

Gene: Emmina_36 Start: 31686, Stop: 32543, Start Num: 209

Candidate Starts for Emmina_36:

(Start: 209 @31686 has 127 MA's), (229, 31725), (244, 31755), (255, 31776), (274, 31812), (288, 31842), (327, 31917), (352, 31965), (355, 31968), (365, 31992), (367, 31995), (378, 32010), (443,

32181), (494, 32295), (501, 32310), (504, 32316), (582, 32358), (584, 32361), (612, 32415), (646, 32493), (662, 32526),

Gene: EmpTee_49 Start: 41706, Stop: 43061, Start Num: 89

Candidate Starts for EmpTee_49:

(Start: 89 @41706 has 280 MA's), (Start: 105 @41757 has 11 MA's), (119, 41790), (128, 41808), (185, 41919), (186, 41922), (194, 41937), (249, 42033), (273, 42072), (287, 42102), (300, 42138), (354, 42249), (365, 42279), (367, 42282), (397, 42348), (457, 42507), (477, 42555), (481, 42573), (504, 42621), (566, 42765), (588, 42825), (628, 42930), (671, 43017),

Gene: Empress_32 Start: 28933, Stop: 29934, Start Num: 164

Candidate Starts for Empress_32:

(Start: 164 @28933 has 214 MA's), (Start: 203 @29008 has 2 MA's), (222, 29041), (243, 29071), (254, 29092), (Start: 297 @29176 has 1 MA's), (Start: 313 @29200 has 1 MA's), (331, 29215), (339, 29227), (389, 29338), (440, 29452), (446, 29470), (464, 29509), (474, 29533), (487, 29569), (502, 29596), (521, 29635), (570, 29743), (603, 29803), (630, 29860), (644, 29890),

Gene: Enby_33 Start: 27679, Stop: 28749, Start Num: 164

Candidate Starts for Enby_33:

(138, 27625), (Start: 164 @27679 has 214 MA's), (288, 27895), (290, 27898), (316, 27949), (346, 27991), (366, 28042), (413, 28156), (423, 28189), (445, 28264), (454, 28285), (518, 28414), (552, 28486), (592, 28582), (596, 28594), (630, 28663), (654, 28720), (660, 28729),

Gene: Enceladus_26 Start: 25531, Stop: 26562, Start Num: 169

Candidate Starts for Enceladus_26:

(Start: 169 @25531 has 29 MA's), (265, 25687), (277, 25711), (284, 25723), (293, 25741), (Start: 297 @25759 has 1 MA's), (304, 25777), (309, 25783), (316, 25792), (322, 25807), (333, 25822), (352, 25870), (362, 25894), (389, 25951), (408, 25990), (441, 26068), (444, 26077), (445, 26080), (452, 26095), (472, 26149), (479, 26170), (485, 26185), (537, 26269), (548, 26299), (571, 26368), (581, 26380), (593, 26404), (599, 26422), (602, 26425), (611, 26437), (613, 26440), (625, 26470), (630, 26482),

Gene: EniyanLRS_49 Start: 38079, Stop: 39044, Start Num: 164

Candidate Starts for EniyanLRS_49:

(Start: 164 @38079 has 214 MA's), (197, 38142), (244, 38202), (252, 38217), (254, 38220), (262, 38232), (266, 38238), (288, 38274), (290, 38277), (339, 38349), (346, 38364), (348, 38370), (378, 38433), (389, 38463), (406, 38496), (439, 38559), (440, 38562), (455, 38601), (468, 38634), (479, 38661), (482, 38670), (500, 38703), (567, 38838), (571, 38853), (596, 38898), (620, 38940), (630, 38967), (649, 39009),

Gene: Enkosi_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Enkosi_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: EnzoK_11 Start: 6250, Stop: 7218, Start Num: 175

Candidate Starts for EnzoK_11:

(Start: 175 @6250 has 331 MA's), (Start: 191 @6283 has 6 MA's), (Start: 202 @6301 has 32 MA's), (Start: 203 @6304 has 2 MA's), (366, 6571), (389, 6622), (396, 6634), (430, 6709), (455, 6772), (461, 6784), (468, 6805), (474, 6817), (479, 6835), (487, 6853), (500, 6877), (521, 6916), (563, 6997), (570, 7021), (571, 7024), (572, 7027), (581, 7036), (624, 7123), (663, 7210),

Gene: Enzomatic_35 Start: 27698, Stop: 28699, Start Num: 164

Candidate Starts for Enzomatic_35:

(Start: 164 @27698 has 214 MA's), (Start: 203 @27773 has 2 MA's), (222, 27806), (243, 27836), (254, 27857), (Start: 297 @27941 has 1 MA's), (Start: 313 @27965 has 1 MA's), (331, 27980), (339, 27992), (389, 28103), (440, 28217), (446, 28235), (464, 28274), (474, 28298), (487, 28334), (502, 28361), (521, 28400), (552, 28448), (570, 28508), (596, 28556), (603, 28568), (625, 28613), (630, 28625), (644, 28655),

Gene: EpicPhail_12 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for EpicPhail_12:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Eponine_34 Start: 28394, Stop: 29185, Start Num: 213

Candidate Starts for Eponine_34:

(Start: 213 @28394 has 23 MA's), (Start: 238 @28427 has 1 MA's), (255, 28460), (268, 28484), (280, 28505), (286, 28514), (295, 28544), (300, 28553), (307, 28562), (327, 28598), (371, 28679), (465, 28886), (478, 28913), (489, 28934), (495, 28949), (499, 28958), (594, 28982), (625, 29036), (630, 29048), (659, 29120),

Gene: Equemioh13_13 Start: 6926, Stop: 7903, Start Num: 175

Candidate Starts for Equemioh13_13:

(Start: 175 @6926 has 331 MA's), (Start: 203 @6980 has 2 MA's), (250, 7037), (344, 7169), (362, 7217), (389, 7274), (407, 7310), (430, 7358), (444, 7397), (475, 7469), (479, 7484), (502, 7529), (513, 7547), (540, 7589), (552, 7637), (559, 7664), (565, 7679), (570, 7697), (571, 7700), (620, 7790),

Gene: Eradicator_31 Start: 27626, Stop: 28627, Start Num: 164

Candidate Starts for Eradicator_31:

(Start: 164 @27626 has 214 MA's), (Start: 203 @27701 has 2 MA's), (243, 27764), (254, 27785), (Start: 297 @27869 has 1 MA's), (Start: 313 @27893 has 1 MA's), (331, 27908), (339, 27920), (389, 28031), (440, 28145), (446, 28163), (464, 28202), (474, 28226), (487, 28262), (502, 28289), (521, 28328), (552, 28376), (570, 28436), (603, 28496), (625, 28541), (630, 28553), (644, 28583),

Gene: Erdmann_254 Start: 145355, Stop: 146383, Start Num: 158

Candidate Starts for Erdmann_254:

(Start: 158 @145355 has 220 MA's), (Start: 175 @145385 has 331 MA's), (182, 145397), (Start: 203 @145439 has 2 MA's), (243, 145502), (254, 145523), (Start: 297 @145607 has 1 MA's), (331, 145649), (339, 145661), (346, 145676), (378, 145745), (389, 145772), (414, 145826), (427, 145871), (428, 145874), (460, 145952), (468, 145973), (521, 146084), (565, 146174), (570, 146192), (611, 146264), (625, 146297),

Gene: Eremos_49 Start: 41699, Stop: 43054, Start Num: 89

Candidate Starts for Eremos_49:

(Start: 89 @41699 has 280 MA's), (Start: 105 @41750 has 11 MA's), (119, 41783), (185, 41912), (186, 41915), (194, 41930), (249, 42026), (273, 42065), (287, 42095), (300, 42131), (354, 42242), (365, 42272), (367, 42275), (397, 42341), (457, 42500), (477, 42548), (481, 42566), (504, 42614), (566, 42758), (588, 42818), (628, 42923), (671, 43010),

Gene: EricMillard_49 Start: 42862, Stop: 43734, Start Num: 202

Candidate Starts for EricMillard_49:

(Start: 202 @42862 has 32 MA's), (Start: 218 @42889 has 1 MA's), (251, 42949), (278, 42997), (308, 43063), (327, 43084), (342, 43105), (364, 43159), (400, 43240), (522, 43519), (524, 43522), (545, 43546), (579, 43582), (590, 43597), (593, 43609), (601, 43630),

Gene: Eris_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Eris_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: ErnieJ_246 Start: 142183, Stop: 143211, Start Num: 158

Candidate Starts for ErnieJ_246:

(Start: 158 @142183 has 220 MA's), (Start: 175 @142213 has 331 MA's), (Start: 203 @142267 has 2 MA's), (243, 142330), (254, 142351), (Start: 297 @142435 has 1 MA's), (331, 142477), (339, 142489), (346, 142504), (378, 142573), (389, 142600), (414, 142654), (427, 142699), (428, 142702), (460, 142780), (468, 142801), (521, 142912), (565, 143002), (570, 143020), (611, 143092), (625, 143125),

Gene: Eros_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Eros_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Espresso_10 Start: 6112, Stop: 7080, Start Num: 175

Candidate Starts for Espresso_10:

(Start: 175 @6112 has 331 MA's), (Start: 191 @6145 has 6 MA's), (Start: 202 @6163 has 32 MA's), (Start: 203 @6166 has 2 MA's), (366, 6433), (389, 6484), (396, 6496), (430, 6571), (455, 6634), (468, 6667), (479, 6697), (487, 6715), (500, 6739), (521, 6778), (563, 6859), (570, 6883), (571, 6886), (572, 6889), (581, 6898), (583, 6901), (624, 6985), (644, 7030), (663, 7072),

Gene: Essence_250 Start: 144391, Stop: 145419, Start Num: 158

Candidate Starts for Essence_250:

(Start: 158 @144391 has 220 MA's), (Start: 175 @144421 has 331 MA's), (182, 144433), (Start: 203 @144475 has 2 MA's), (243, 144538), (254, 144559), (Start: 297 @144643 has 1 MA's), (331, 144685), (339, 144697), (346, 144712), (378, 144781), (389, 144808), (414, 144862), (427, 144907), (428, 144910), (460, 144988), (468, 145009), (521, 145120), (565, 145210), (570, 145228), (611, 145300), (625, 145333),

Gene: Estave1_29 Start: 27038, Stop: 28039, Start Num: 164

Candidate Starts for Estave1_29:

(Start: 164 @27038 has 214 MA's), (Start: 203 @27113 has 2 MA's), (222, 27146), (243, 27176), (254, 27197), (Start: 297 @27281 has 1 MA's), (Start: 313 @27305 has 1 MA's), (331, 27320), (339, 27332), (389, 27443), (440, 27557), (446, 27575), (464, 27614), (474, 27638), (487, 27674), (502, 27701), (521, 27740), (570, 27848), (596, 27896), (603, 27908), (624, 27950), (625, 27953), (630, 27965), (644, 27995),

Gene: Estes_44 Start: 33069, Stop: 34046, Start Num: 204

Candidate Starts for Estes_44:

(Start: 204 @33069 has 7 MA's), (220, 33096), (229, 33114), (252, 33162), (269, 33192), (284, 33219), (295, 33249), (333, 33306), (339, 33315), (356, 33360), (362, 33372), (379, 33402), (389, 33426), (401, 33444), (410, 33471), (428, 33510), (443, 33549), (444, 33552), (495, 33654), (563, 33807), (564, 33810), (567, 33819), (570, 33831), (573, 33840), (589, 33861), (596, 33882), (632, 33957),

Gene: Etaye_49 Start: 41693, Stop: 43048, Start Num: 89

Candidate Starts for Etaye_49:

(Start: 89 @41693 has 280 MA's), (Start: 105 @41744 has 11 MA's), (119, 41777), (185, 41906), (186, 41909), (194, 41924), (249, 42020), (273, 42059), (287, 42089), (300, 42125), (354, 42236), (365, 42266), (367, 42269), (397, 42335), (457, 42494), (477, 42542), (481, 42560), (504, 42608), (566, 42752), (588, 42812), (628, 42917), (651, 42971), (671, 43004),

Gene: Etoile_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for Etoile_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: EtoileNova_11 Start: 6055, Stop: 7020, Start Num: 166

Candidate Starts for EtoileNova_11:

(Start: 166 @6055 has 96 MA's), (Start: 191 @6100 has 6 MA's), (Start: 203 @6121 has 2 MA's), (280, 6241), (293, 6256), (Start: 326 @6295 has 2 MA's), (362, 6379), (389, 6436), (398, 6451), (439, 6532), (444, 6547), (452, 6565), (474, 6616), (479, 6634), (502, 6679), (552, 6775), (571, 6838), (593, 6877), (620, 6928),

Gene: Eugenia_49 Start: 41703, Stop: 43058, Start Num: 89

Candidate Starts for Eugenia_49:

(Start: 89 @41703 has 280 MA's), (Start: 105 @41754 has 11 MA's), (119, 41787), (185, 41916), (186, 41919), (194, 41934), (249, 42030), (273, 42069), (287, 42099), (300, 42135), (354, 42246), (365, 42276), (367, 42279), (397, 42345), (457, 42504), (477, 42552), (481, 42570), (504, 42618), (566, 42762), (588, 42822), (628, 42927), (671, 43014),

Gene: Euphoria_10 Start: 6008, Stop: 6976, Start Num: 175

Candidate Starts for Euphoria_10:

(Start: 175 @6008 has 331 MA's), (Start: 191 @6041 has 6 MA's), (Start: 202 @6059 has 32 MA's), (Start: 203 @6062 has 2 MA's), (331, 6251), (366, 6329), (378, 6347), (389, 6380), (396, 6392), (430, 6467), (455, 6530), (468, 6563), (479, 6593), (487, 6611), (500, 6635), (521, 6674), (563, 6755), (570, 6779), (571, 6782), (572, 6785), (581, 6794), (624, 6881), (644, 6926), (663, 6968),

Gene: Eureka_35 Start: 31841, Stop: 32698, Start Num: 209

Candidate Starts for Eureka_35:

(Start: 209 @31841 has 127 MA's), (229, 31880), (244, 31910), (255, 31931), (274, 31967), (288, 31997), (327, 32072), (352, 32120), (355, 32123), (365, 32147), (367, 32150), (378, 32165), (443, 32336), (494, 32450), (501, 32465), (504, 32471), (582, 32513), (584, 32516), (612, 32570), (646, 32648), (662, 32681),

Gene: Eurydice_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Eurydice_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Evanesce_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Evanesce_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: EvilGenius_13 Start: 6871, Stop: 7812, Start Num: 202

Candidate Starts for EvilGenius_13:

(Start: 175 @6820 has 331 MA's), (Start: 202 @6871 has 32 MA's), (Start: 203 @6874 has 2 MA's), (237, 6922), (331, 7048), (344, 7075), (368, 7135), (389, 7180), (404, 7204), (450, 7312), (476, 7351), (497, 7399), (507, 7414), (542, 7480), (552, 7522), (580, 7609), (607, 7657), (636, 7723), (669, 7798),

Gene: Ewok_251 Start: 144849, Stop: 145877, Start Num: 158

Candidate Starts for Ewok_251:

(Start: 158 @144849 has 220 MA's), (Start: 175 @144879 has 331 MA's), (182, 144891), (Start: 203 @144933 has 2 MA's), (243, 144996), (254, 145017), (Start: 297 @145101 has 1 MA's), (331, 145143), (339, 145155), (346, 145170), (378, 145239), (389, 145266), (414, 145320), (427, 145365), (428, 145368), (460, 145446), (468, 145467), (521, 145578), (565, 145668), (570, 145686), (611, 145758), (625, 145791),

Gene: Eyeball_10 Start: 5755, Stop: 6723, Start Num: 175

Candidate Starts for Eyeball_10:

(Start: 175 @5755 has 331 MA's), (Start: 191 @5788 has 6 MA's), (Start: 202 @5806 has 32 MA's), (Start: 203 @5809 has 2 MA's), (366, 6076), (389, 6127), (396, 6139), (430, 6214), (455, 6277), (461, 6289), (468, 6310), (474, 6322), (479, 6340), (487, 6358), (500, 6382), (521, 6421), (563, 6502), (570, 6526), (571, 6529), (572, 6532), (581, 6541), (644, 6673), (663, 6715),

Gene: FairyPath_35 Start: 32053, Stop: 32910, Start Num: 209

Candidate Starts for FairyPath_35:

(Start: 209 @32053 has 127 MA's), (229, 32092), (244, 32122), (255, 32143), (274, 32179), (288, 32209), (327, 32284), (352, 32332), (355, 32335), (365, 32359), (367, 32362), (378, 32377), (443, 32548), (494, 32662), (501, 32677), (504, 32683), (582, 32725), (584, 32728), (612, 32782), (646, 32860), (662, 32893),

Gene: Faith1_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Faith1_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Faiyaz_32 Start: 29089, Stop: 30312, Start Num: 96

Candidate Starts for Faiyaz_32:

(Start: 96 @29089 has 92 MA's), (128, 29185), (141, 29209), (153, 29236), (168, 29269), (184, 29299), (249, 29404), (273, 29443), (278, 29452), (288, 29476), (300, 29509), (327, 29557), (334, 29569), (361, 29641), (387, 29698), (421, 29785), (461, 29872), (465, 29884), (477, 29911), (481, 29929), (483, 29932), (488, 29941), (541, 30031), (614, 30136), (649, 30223), (651, 30232),

Gene: Fajezeel_11 Start: 5830, Stop: 6798, Start Num: 175

Candidate Starts for Fajezeel_11:

(Start: 175 @5830 has 331 MA's), (Start: 191 @5863 has 6 MA's), (Start: 202 @5881 has 32 MA's), (Start: 203 @5884 has 2 MA's), (366, 6151), (389, 6202), (396, 6214), (430, 6289), (455, 6352), (461, 6364), (468, 6385), (474, 6397), (479, 6415), (487, 6433), (500, 6457), (521, 6496), (563, 6577), (570, 6601), (571, 6604), (572, 6607), (581, 6616), (624, 6703), (663, 6790),

Gene: Fameo_11 Start: 6448, Stop: 7431, Start Num: 175

Candidate Starts for Fameo_11:

(143, 6406), (Start: 175 @6448 has 331 MA's), (190, 6478), (Start: 191 @6481 has 6 MA's), (Start: 202 @6499 has 32 MA's), (Start: 203 @6502 has 2 MA's), (356, 6739), (362, 6751), (389, 6808), (396, 6820), (428, 6886), (479, 6997), (550, 7144), (587, 7237), (607, 7279), (639, 7351), (661, 7405),

Gene: Familton_68 Start: 43425, Stop: 44465, Start Num: 160

Candidate Starts for Familton_68:

(Start: 160 @43425 has 30 MA's), (Start: 203 @43500 has 2 MA's), (243, 43581), (246, 43587), (254, 43602), (295, 43683), (Start: 297 @43686 has 1 MA's), (339, 43740), (346, 43755), (389, 43851), (408, 43890), (416, 43920), (427, 43950), (428, 43953), (441, 43986), (468, 44052), (487, 44100), (502, 44127), (521, 44166), (608, 44340), (630, 44391),

Gene: Fancypants_31 Start: 27528, Stop: 28529, Start Num: 164

Candidate Starts for Fancypants_31:

(119, 27429), (Start: 164 @27528 has 214 MA's), (Start: 175 @27549 has 331 MA's), (182, 27561), (Start: 203 @27603 has 2 MA's), (222, 27636), (243, 27666), (254, 27687), (271, 27717), (278, 27729), (Start: 297 @27771 has 1 MA's), (Start: 313 @27795 has 1 MA's), (331, 27810), (339, 27822), (389, 27933), (428, 28017), (440, 28047), (446, 28065), (464, 28104), (474, 28128), (487, 28164), (502, 28191), (521, 28230), (570, 28338), (596, 28386), (603, 28398), (625, 28443), (630, 28455), (644, 28485),

Gene: Fang_50 Start: 41851, Stop: 43206, Start Num: 89

Candidate Starts for Fang_50:

(Start: 89 @41851 has 280 MA's), (Start: 105 @41902 has 11 MA's), (119, 41935), (185, 42064), (186, 42067), (194, 42082), (249, 42178), (273, 42217), (287, 42247), (300, 42283), (354, 42394), (365, 42424), (367, 42427), (397, 42493), (457, 42652), (477, 42700), (481, 42718), (504, 42766), (566, 42910), (588, 42970), (628, 43075), (671, 43162),

Gene: Farber_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for Farber_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: FarmResident_26 Start: 25309, Stop: 26331, Start Num: 169

Candidate Starts for FarmResident_26:

(Start: 169 @25309 has 29 MA's), (237, 25420), (258, 25453), (261, 25459), (265, 25465), (Start: 313 @25567 has 1 MA's), (316, 25570), (339, 25609), (346, 25630), (362, 25672), (389, 25729), (440, 25843), (479, 25948), (523, 26029), (526, 26032), (548, 26077), (571, 26140), (581, 26152), (620, 26227), (630, 26254),

Gene: Fascinus_9 Start: 5758, Stop: 6726, Start Num: 175

Candidate Starts for Fascinus_9:

(Start: 175 @5758 has 331 MA's), (Start: 191 @5791 has 6 MA's), (Start: 202 @5809 has 32 MA's), (Start: 203 @5812 has 2 MA's), (366, 6079), (389, 6130), (396, 6142), (430, 6217), (455, 6280), (461, 6292), (468, 6313), (474, 6325), (479, 6343), (487, 6361), (500, 6385), (521, 6424), (563, 6505), (570, 6529), (571, 6532), (572, 6535), (581, 6544), (644, 6676), (663, 6718),

Gene: Fastidio_33 Start: 27836, Stop: 28837, Start Num: 164

Candidate Starts for Fastidio_33:

(Start: 164 @27836 has 214 MA's), (Start: 175 @27857 has 331 MA's), (Start: 203 @27911 has 2 MA's), (222, 27944), (243, 27974), (254, 27995), (Start: 297 @28079 has 1 MA's), (Start: 313 @28103 has 1 MA's), (339, 28130), (346, 28145), (389, 28241), (440, 28355), (446, 28373), (464, 28412), (474, 28436), (487, 28472), (502, 28499), (521, 28538), (552, 28586), (570, 28646), (603, 28706), (624, 28748), (625, 28751), (630, 28763), (644, 28793),

Gene: Fefferhead_30 Start: 26852, Stop: 27589, Start Num: 227

Candidate Starts for Fefferhead_30:

(165, 26741), (176, 26762), (196, 26801), (Start: 209 @26822 has 127 MA's), (Start: 227 @26852 has 136 MA's), (Start: 238 @26864 has 1 MA's), (255, 26897), (275, 26933), (300, 26981), (307, 26990), (327, 27026), (346, 27068), (397, 27176), (407, 27203), (451, 27290), (465, 27308), (478, 27335), (489, 27356), (499, 27380), (591, 27392), (593, 27401), (596, 27410), (625, 27458), (674, 27569), (675, 27578),

Gene: Fenn_10 Start: 5962, Stop: 6930, Start Num: 175

Candidate Starts for Fenn_10:

(Start: 175 @5962 has 331 MA's), (Start: 191 @5995 has 6 MA's), (Start: 202 @6013 has 32 MA's), (Start: 203 @6016 has 2 MA's), (366, 6283), (389, 6334), (396, 6346), (430, 6421), (455, 6484), (468, 6517), (479, 6547), (521, 6628), (563, 6709), (570, 6733), (571, 6736), (572, 6739), (581, 6748), (624, 6835), (663, 6922),

Gene: Fernando_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Fernando_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Feyre_30 Start: 26964, Stop: 27836, Start Num: 227

Candidate Starts for Feyre_30:

(Start: 227 @26964 has 136 MA's), (Start: 238 @26976 has 1 MA's), (242, 26982), (255, 27009), (272, 27039), (275, 27045), (300, 27099), (307, 27108), (314, 27120), (332, 27153), (346, 27186), (367, 27234), (478, 27456), (488, 27474), (489, 27477), (524, 27537), (539, 27555), (559, 27582), (596, 27654), (612, 27669), (621, 27690), (622, 27693), (630, 27714), (671, 27807), (674, 27816), (676, 27825),

Gene: Filch_36 Start: 31616, Stop: 32473, Start Num: 209

Candidate Starts for Filch_36:

(Start: 209 @31616 has 127 MA's), (229, 31655), (244, 31685), (255, 31706), (274, 31742), (288, 31772), (327, 31847), (352, 31895), (355, 31898), (365, 31922), (367, 31925), (378, 31940), (443, 32111), (494, 32225), (501, 32240), (504, 32246), (582, 32288), (584, 32291), (612, 32345), (646, 32423), (662, 32456),

Gene: Filuzino_31 Start: 27478, Stop: 28476, Start Num: 158

Candidate Starts for Filuzino_31:

(Start: 158 @27478 has 220 MA's), (Start: 203 @27553 has 2 MA's), (243, 27613), (254, 27634), (Start: 297 @27718 has 1 MA's), (339, 27769), (346, 27784), (389, 27880), (439, 27991), (446, 28012), (464, 28051), (468, 28063), (487, 28111), (502, 28138), (516, 28162), (521, 28177), (570, 28285), (596, 28333), (630, 28402), (644, 28432),

Gene: Findley_29 Start: 24799, Stop: 26001, Start Num: 105

Candidate Starts for Findley_29:

(95, 24757), (Start: 105 @24799 has 11 MA's), (115, 24826), (124, 24847), (139, 24883), (150, 24904), (Start: 164 @24931 has 214 MA's), (195, 24991), (217, 25027), (Start: 238 @25060 has 1 MA's), (240, 25063), (255, 25093), (288, 25159), (307, 25198), (351, 25276), (375, 25321), (401, 25378), (407, 25396), (478, 25561), (489, 25582), (498, 25603), (557, 25708), (561, 25723), (593, 25792), (625, 25849), (657, 25930),

Gene: Finemlucis_28 Start: 26525, Stop: 27553, Start Num: 169

Candidate Starts for Finemlucis_28:

(Start: 169 @26525 has 29 MA's), (258, 26669), (325, 26804), (389, 26945), (441, 27062), (444, 27071), (445, 27074), (452, 27089), (479, 27164), (548, 27293), (557, 27320), (570, 27359), (571, 27362), (581, 27374), (611, 27431), (618, 27440), (625, 27464),

Gene: Finnry_28 Start: 26854, Stop: 27897, Start Num: 111

Candidate Starts for Finnry_28:

(Start: 111 @26854 has 20 MA's), (113, 26860), (126, 26887), (134, 26908), (159, 26959), (200, 27040), (259, 27145), (302, 27226), (307, 27232), (360, 27328), (369, 27346), (374, 27352), (377, 27358), (407, 27430), (436, 27487), (438, 27490), (466, 27547), (501, 27622), (514, 27643), (590, 27667), (594, 27682), (598, 27694), (630, 27751), (674, 27853), (677, 27874),

Gene: Fionnbharth_32 Start: 27630, Stop: 28421, Start Num: 213

Candidate Starts for Fionnbharth_32:

(Start: 213 @27630 has 23 MA's), (Start: 238 @27663 has 1 MA's), (255, 27696), (268, 27720), (280, 27741), (300, 27789), (307, 27798), (327, 27834), (371, 27915), (465, 28122), (478, 28149), (481, 28155), (489, 28170), (499, 28194), (594, 28218), (612, 28239), (625, 28272), (630, 28284), (659, 28356),

Gene: FireRed_35 Start: 31886, Stop: 32743, Start Num: 209

Candidate Starts for FireRed_35:

(Start: 209 @31886 has 127 MA's), (229, 31925), (244, 31955), (255, 31976), (274, 32012), (288, 32042), (327, 32117), (352, 32165), (355, 32168), (365, 32192), (367, 32195), (378, 32210), (443, 32381), (488, 32480), (494, 32495), (501, 32510), (504, 32516), (582, 32558), (584, 32561), (612, 32615), (646, 32693), (662, 32726),

Gene: Firecracker_69 Start: 43815, Stop: 44855, Start Num: 160

Candidate Starts for Firecracker_69:

(Start: 160 @43815 has 30 MA's), (Start: 203 @43890 has 2 MA's), (243, 43971), (246, 43977), (254, 43992), (295, 44073), (Start: 297 @44076 has 1 MA's), (339, 44130), (346, 44145), (389, 44241), (408, 44280), (416, 44310), (427, 44340), (428, 44343), (441, 44376), (468, 44442), (482, 44481), (487, 44490), (502, 44517), (521, 44556), (608, 44730), (630, 44781),

Gene: Firehouse51_32 Start: 28314, Stop: 29315, Start Num: 164

Candidate Starts for Firehouse51_32:

(Start: 164 @28314 has 214 MA's), (Start: 203 @28389 has 2 MA's), (222, 28422), (243, 28452), (254, 28473), (271, 28503), (278, 28515), (Start: 297 @28557 has 1 MA's), (Start: 313 @28581 has 1 MA's), (331, 28596), (339, 28608), (346, 28623), (389, 28719), (439, 28830), (446, 28851), (464, 28890), (468, 28902), (487, 28950), (502, 28977), (516, 29001), (521, 29016), (570, 29124), (596, 29172), (630, 29241), (644, 29271),

Gene: FiringLine_11 Start: 6372, Stop: 7364, Start Num: 175

Candidate Starts for FiringLine_11:

(Start: 175 @6372 has 331 MA's), (Start: 202 @6423 has 32 MA's), (Start: 203 @6426 has 2 MA's), (222, 6459), (237, 6474), (309, 6594), (331, 6600), (368, 6687), (389, 6732), (450, 6864), (476, 6903),

(497, 6951), (542, 7032), (552, 7074), (580, 7161), (607, 7209), (636, 7275), (669, 7350),

Gene: First_0011 Start: 6443, Stop: 7420, Start Num: 175

Candidate Starts for First_0011:

(Start: 175 @6443 has 331 MA's), (Start: 203 @6497 has 2 MA's), (344, 6686), (356, 6722), (362, 6734), (389, 6791), (407, 6827), (430, 6875), (444, 6914), (475, 6986), (479, 7001), (513, 7064), (540, 7106), (552, 7154), (559, 7181), (565, 7196), (570, 7214), (571, 7217), (593, 7256), (620, 7307), (658, 7406),

Gene: FirstPlacePfu_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for FirstPlacePfu_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Fishburne_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for Fishburne_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Fixie_253 Start: 145620, Stop: 146648, Start Num: 158

Candidate Starts for Fixie_253:

(Start: 158 @145620 has 220 MA's), (Start: 175 @145650 has 331 MA's), (182, 145662), (Start: 203 @145704 has 2 MA's), (243, 145767), (254, 145788), (Start: 297 @145872 has 1 MA's), (331, 145914), (339, 145926), (346, 145941), (378, 146010), (389, 146037), (414, 146091), (427, 146136), (428, 146139), (460, 146217), (468, 146238), (521, 146349), (565, 146439), (570, 146457), (611, 146529), (625, 146562),

Gene: Flabslab_247 Start: 141448, Stop: 142476, Start Num: 158

Candidate Starts for Flabslab_247:

(Start: 158 @141448 has 220 MA's), (Start: 175 @141478 has 331 MA's), (Start: 203 @141532 has 2 MA's), (243, 141595), (254, 141616), (Start: 297 @141700 has 1 MA's), (331, 141742), (339, 141754), (346, 141769), (378, 141838), (389, 141865), (414, 141919), (427, 141964), (428, 141967), (460, 142045), (468, 142066), (521, 142177), (565, 142267), (570, 142285), (611, 142357), (625, 142390),

Gene: Flake_51 Start: 41758, Stop: 43113, Start Num: 89

Candidate Starts for Flake_51:

(Start: 89 @41758 has 280 MA's), (Start: 105 @41809 has 11 MA's), (119, 41842), (185, 41971), (186, 41974), (194, 41989), (249, 42085), (273, 42124), (287, 42154), (300, 42190), (354, 42301), (365, 42331), (367, 42334), (397, 42400), (457, 42559), (477, 42607), (481, 42625), (504, 42673), (566, 42817), (588, 42877), (628, 42982), (671, 43069),

Gene: Flare16_11 Start: 6484, Stop: 7461, Start Num: 175

Candidate Starts for Flare16_11:

(Start: 175 @6484 has 331 MA's), (Start: 203 @6538 has 2 MA's), (250, 6595), (344, 6727), (348, 6739), (362, 6775), (389, 6832), (407, 6868), (430, 6916), (444, 6955), (475, 7027), (479, 7042), (502, 7087), (513, 7105), (540, 7147), (552, 7195), (559, 7222), (565, 7237), (570, 7255), (571, 7258), (620, 7348),

Gene: Flathead_31 Start: 28105, Stop: 29121, Start Num: 164

Candidate Starts for Flathead_31:

(84, 27874), (85, 27877), (93, 27925), (142, 28060), (144, 28069), (Start: 164 @28105 has 214 MA's), (232, 28237), (243, 28258), (254, 28279), (271, 28309), (278, 28321), (Start: 297 @28363 has 1 MA's), (339, 28414), (346, 28429), (389, 28525), (439, 28636), (446, 28657), (464, 28696), (468, 28708), (487, 28756), (502, 28783), (516, 28807), (521, 28822), (570, 28930), (596, 28978), (630, 29047), (644, 29077),

Gene: FleetyMac_50 Start: 41711, Stop: 43066, Start Num: 89

Candidate Starts for FleetyMac_50:

(Start: 89 @41711 has 280 MA's), (Start: 105 @41762 has 11 MA's), (119, 41795), (185, 41924), (186, 41927), (194, 41942), (249, 42038), (273, 42077), (287, 42107), (300, 42143), (354, 42254), (365, 42284), (367, 42287), (397, 42353), (457, 42512), (477, 42560), (481, 42578), (504, 42626), (566, 42770), (588, 42830), (628, 42935), (671, 43022),

Gene: Florean_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Florean_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Florinda_31 Start: 27520, Stop: 28521, Start Num: 164

Candidate Starts for Florinda_31:

(Start: 164 @27520 has 214 MA's), (Start: 203 @27595 has 2 MA's), (222, 27628), (243, 27658), (254, 27679), (Start: 297 @27763 has 1 MA's), (Start: 313 @27787 has 1 MA's), (331, 27802), (339, 27814), (389, 27925), (440, 28039), (446, 28057), (464, 28096), (474, 28120), (487, 28156), (502, 28183), (521, 28222), (552, 28270), (570, 28330), (596, 28378), (603, 28390), (625, 28435), (630, 28447), (644, 28477),

Gene: Fludd_252 Start: 143267, Stop: 144295, Start Num: 158

Candidate Starts for Fludd_252:

(Start: 158 @143267 has 220 MA's), (Start: 175 @143297 has 331 MA's), (182, 143309), (Start: 203 @143351 has 2 MA's), (243, 143414), (254, 143435), (Start: 297 @143519 has 1 MA's), (331, 143561), (339, 143573), (346, 143588), (378, 143657), (389, 143684), (414, 143738), (427, 143783), (428, 143786), (460, 143864), (468, 143885), (521, 143996), (565, 144086), (570, 144104), (611, 144176), (625, 144209),

Gene: FluffyNinja_50 Start: 41844, Stop: 43220, Start Num: 89

Candidate Starts for FluffyNinja_50:

(Start: 89 @41844 has 280 MA's), (Start: 105 @41895 has 11 MA's), (119, 41928), (185, 42057), (186, 42060), (194, 42075), (249, 42171), (273, 42210), (287, 42240), (300, 42276), (354, 42387), (365, 42417), (367, 42420), (397, 42486), (457, 42645), (477, 42693), (481, 42711), (504, 42759), (566, 42924), (588, 42984), (628, 43089), (671, 43176),

Gene: Flux_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Flux_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: FlyCatcher_14 Start: 7534, Stop: 8301, Start Num: 313

Candidate Starts for FlyCatcher_14:

(289, 7486), (Start: 313 @7534 has 1 MA's), (344, 7570), (389, 7675), (430, 7747), (440, 7774), (444, 7786), (452, 7804), (479, 7873), (513, 7936), (546, 7987), (552, 8014), (559, 8041), (571, 8077), (596,

8125), (620, 8167),

Gene: Flypotenuse_33 Start: 31454, Stop: 32311, Start Num: 209

Candidate Starts for Flypotenuse_33:

(Start: 209 @31454 has 127 MA's), (229, 31493), (244, 31523), (255, 31544), (274, 31580), (288, 31610), (327, 31685), (352, 31733), (355, 31736), (365, 31760), (367, 31763), (378, 31778), (443, 31949), (494, 32063), (501, 32078), (504, 32084), (582, 32126), (584, 32129), (612, 32183), (646, 32261), (662, 32294),

Gene: FoghornLeghorn_34 Start: 31362, Stop: 32219, Start Num: 209

Candidate Starts for FoghornLeghorn_34:

(Start: 209 @31362 has 127 MA's), (229, 31401), (244, 31431), (255, 31452), (274, 31488), (288, 31518), (327, 31593), (352, 31641), (355, 31644), (365, 31668), (367, 31671), (378, 31686), (443, 31857), (488, 31956), (494, 31971), (501, 31986), (504, 31992), (582, 32034), (584, 32037), (612, 32091), (646, 32169), (662, 32202),

Gene: Fongie_252 Start: 144847, Stop: 145875, Start Num: 158

Candidate Starts for Fongie_252:

(Start: 158 @144847 has 220 MA's), (Start: 175 @144877 has 331 MA's), (182, 144889), (Start: 203 @144931 has 2 MA's), (243, 144994), (254, 145015), (Start: 297 @145099 has 1 MA's), (331, 145141), (339, 145153), (346, 145168), (378, 145237), (389, 145264), (414, 145318), (427, 145363), (428, 145366), (460, 145444), (468, 145465), (521, 145576), (565, 145666), (570, 145684), (611, 145756), (625, 145789),

Gene: ForDig_42 Start: 40358, Stop: 41353, Start Num: 175

Candidate Starts for ForDig_42:

(Start: 175 @40358 has 331 MA's), (190, 40388), (Start: 202 @40409 has 32 MA's), (Start: 203 @40412 has 2 MA's), (261, 40499), (293, 40547), (356, 40649), (388, 40712), (389, 40718), (407, 40754), (432, 40802), (474, 40895), (479, 40913), (525, 41000), (528, 41003), (550, 41063), (553, 41075), (556, 41087), (558, 41093), (607, 41198), (668, 41330),

Gene: ForesterFrank_12 Start: 8169, Stop: 8933, Start Num: 311

Candidate Starts for ForesterFrank_12:

(Start: 311 @8169 has 12 MA's), (389, 8313), (430, 8400), (439, 8424), (444, 8439), (452, 8457), (479, 8526), (513, 8589), (532, 8619), (552, 8667), (559, 8694), (565, 8709), (570, 8727), (571, 8730), (592, 8766),

Gene: Forge_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Forge_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Forsytheast_9 Start: 6022, Stop: 6990, Start Num: 175

Candidate Starts for Forsytheast_9:

(Start: 175 @6022 has 331 MA's), (Start: 191 @6055 has 6 MA's), (Start: 202 @6073 has 32 MA's), (Start: 203 @6076 has 2 MA's), (366, 6343), (389, 6394), (396, 6406), (430, 6481), (455, 6544), (468, 6577), (474, 6589), (479, 6607), (487, 6625), (500, 6649), (521, 6688), (563, 6769), (570, 6793), (571, 6796), (572, 6799), (581, 6808), (624, 6895), (644, 6940), (663, 6982),

Gene: FoulBall_67 Start: 43419, Stop: 44459, Start Num: 160

Candidate Starts for FoulBall_67:

(Start: 160 @43419 has 30 MA's), (Start: 203 @43494 has 2 MA's), (243, 43575), (246, 43581), (254, 43596), (295, 43677), (Start: 297 @43680 has 1 MA's), (339, 43734), (346, 43749), (389, 43845), (408, 43884), (416, 43914), (427, 43944), (428, 43947), (441, 43980), (468, 44046), (482, 44085), (487, 44094), (502, 44121), (521, 44160), (608, 44334), (630, 44385),

Gene: FoxtrotP1_251 Start: 145941, Stop: 146969, Start Num: 158

Candidate Starts for FoxtrotP1_251:

(Start: 158 @145941 has 220 MA's), (Start: 175 @145971 has 331 MA's), (182, 145983), (Start: 203 @146025 has 2 MA's), (243, 146088), (254, 146109), (Start: 297 @146193 has 1 MA's), (331, 146235), (339, 146247), (346, 146262), (378, 146331), (389, 146358), (414, 146412), (427, 146457), (428, 146460), (460, 146538), (468, 146559), (521, 146670), (565, 146760), (570, 146778), (611, 146850), (625, 146883),

Gene: Fozzie_48 Start: 41728, Stop: 43083, Start Num: 89

Candidate Starts for Fozzie_48:

(Start: 89 @41728 has 280 MA's), (Start: 105 @41779 has 11 MA's), (119, 41812), (185, 41941), (186, 41944), (194, 41959), (249, 42055), (273, 42094), (287, 42124), (300, 42160), (354, 42271), (365, 42301), (367, 42304), (397, 42370), (457, 42529), (477, 42577), (481, 42595), (504, 42643), (566, 42787), (588, 42847), (628, 42952), (671, 43039),

Gene: Francis47_10 Start: 6259, Stop: 7227, Start Num: 175

Candidate Starts for Francis47_10:

(Start: 175 @6259 has 331 MA's), (Start: 191 @6292 has 6 MA's), (Start: 202 @6310 has 32 MA's), (Start: 203 @6313 has 2 MA's), (366, 6580), (389, 6631), (396, 6643), (430, 6718), (455, 6781), (461, 6793), (468, 6814), (474, 6826), (479, 6844), (487, 6862), (521, 6925), (563, 7006), (570, 7030), (571, 7033), (572, 7036), (581, 7045), (624, 7132), (663, 7219),

Gene: Frankicide_49 Start: 41730, Stop: 43085, Start Num: 89

Candidate Starts for Frankicide_49:

(Start: 89 @41730 has 280 MA's), (Start: 105 @41781 has 11 MA's), (119, 41814), (185, 41943), (186, 41946), (194, 41961), (249, 42057), (273, 42096), (287, 42126), (300, 42162), (354, 42273), (365, 42303), (367, 42306), (397, 42372), (457, 42531), (477, 42579), (481, 42597), (504, 42645), (566, 42789), (588, 42849), (628, 42954), (671, 43041),

Gene: Frankie_35 Start: 28662, Stop: 29663, Start Num: 164

Candidate Starts for Frankie_35:

(Start: 164 @28662 has 214 MA's), (Start: 203 @28737 has 2 MA's), (243, 28800), (254, 28821), (Start: 297 @28905 has 1 MA's), (Start: 313 @28929 has 1 MA's), (331, 28944), (339, 28956), (389, 29067), (440, 29181), (446, 29199), (464, 29238), (474, 29262), (487, 29298), (502, 29325), (521, 29364), (552, 29412), (570, 29472), (596, 29520), (603, 29532), (625, 29577), (630, 29589), (644, 29619),

Gene: FrayBell_255 Start: 143398, Stop: 144426, Start Num: 158

Candidate Starts for FrayBell_255:

(Start: 158 @143398 has 220 MA's), (Start: 175 @143428 has 331 MA's), (182, 143440), (Start: 203 @143482 has 2 MA's), (243, 143545), (254, 143566), (Start: 297 @143650 has 1 MA's), (331, 143692), (339, 143704), (346, 143719), (378, 143788), (389, 143815), (414, 143869), (427, 143914), (428, 143917), (460, 143995), (468, 144016), (521, 144127), (565, 144217), (570, 144235), (611, 144307), (625, 144340),

Gene: FreakyGoo_39 Start: 31794, Stop: 32765, Start Num: 206

Candidate Starts for FreakyGoo_39:

(Start: 206 @31794 has 15 MA's), (220, 31818), (228, 31833), (295, 31971), (309, 31998), (Start: 326 @32016 has 2 MA's), (333, 32028), (339, 32037), (356, 32082), (362, 32094), (378, 32121), (389, 32148), (396, 32160), (416, 32205), (428, 32232), (440, 32262), (443, 32271), (444, 32274), (485, 32361), (495, 32376), (563, 32529), (564, 32532), (592, 32592), (596, 32604), (599, 32613), (621, 32649), (626, 32664), (642, 32703), (653, 32736),

Gene: Fred313_10 Start: 5440, Stop: 6180, Start Num: 315

Candidate Starts for Fred313_10:

(Start: 315 @5440 has 18 MA's), (362, 5527), (389, 5584), (396, 5596), (398, 5599), (408, 5623), (414, 5638), (439, 5686), (441, 5692), (452, 5719), (479, 5788), (518, 5860), (546, 5902), (552, 5929), (559, 5956), (570, 5989), (571, 5992), (593, 6031), (666, 6172),

Gene: FreddyB_31 Start: 27784, Stop: 28785, Start Num: 164

Candidate Starts for FreddyB_31:

(Start: 164 @27784 has 214 MA's), (Start: 203 @27859 has 2 MA's), (222, 27892), (243, 27922), (254, 27943), (271, 27973), (278, 27985), (Start: 297 @28027 has 1 MA's), (Start: 313 @28051 has 1 MA's), (331, 28066), (339, 28078), (389, 28189), (440, 28303), (446, 28321), (464, 28360), (474, 28384), (487, 28420), (521, 28486), (570, 28594), (596, 28642), (603, 28654), (625, 28699), (630, 28711), (644, 28741),

Gene: FremontTroll_49 Start: 41466, Stop: 42821, Start Num: 89

Candidate Starts for FremontTroll_49:

(Start: 89 @41466 has 280 MA's), (Start: 105 @41517 has 11 MA's), (119, 41550), (185, 41679), (186, 41682), (194, 41697), (249, 41793), (273, 41832), (287, 41862), (300, 41898), (354, 42009), (365, 42039), (367, 42042), (397, 42108), (457, 42267), (477, 42315), (481, 42333), (504, 42381), (566, 42525), (588, 42585), (628, 42690), (671, 42777),

Gene: Freya_48 Start: 41391, Stop: 42746, Start Num: 89

Candidate Starts for Freya_48:

(Start: 89 @41391 has 280 MA's), (Start: 105 @41442 has 11 MA's), (119, 41475), (185, 41604), (186, 41607), (194, 41622), (249, 41718), (273, 41757), (287, 41787), (300, 41823), (354, 41934), (365, 41964), (367, 41967), (397, 42033), (457, 42192), (477, 42240), (481, 42258), (504, 42306), (566, 42450), (588, 42510), (628, 42615), (671, 42702),

Gene: FriarPreacher_48 Start: 41742, Stop: 43097, Start Num: 89

Candidate Starts for FriarPreacher_48:

(Start: 89 @41742 has 280 MA's), (Start: 105 @41793 has 11 MA's), (119, 41826), (185, 41955), (186, 41958), (194, 41973), (249, 42069), (273, 42108), (287, 42138), (300, 42174), (354, 42285), (365, 42315), (367, 42318), (397, 42384), (457, 42543), (477, 42591), (481, 42609), (504, 42657), (566, 42801), (588, 42861), (628, 42966), (671, 43053),

Gene: Fringe_50 Start: 41827, Stop: 43182, Start Num: 89

Candidate Starts for Fringe_50:

(Start: 89 @41827 has 280 MA's), (Start: 105 @41878 has 11 MA's), (119, 41911), (185, 42040), (186, 42043), (194, 42058), (249, 42154), (273, 42193), (287, 42223), (300, 42259), (354, 42370), (365, 42400), (367, 42403), (397, 42469), (457, 42628), (477, 42676), (481, 42694), (504, 42742), (566, 42886), (588, 42946), (628, 43051), (671, 43138),

Gene: Froghopper_11 Start: 5734, Stop: 6669, Start Num: 191

Candidate Starts for Froghopper_11:

(Start: 175 @5701 has 331 MA's), (Start: 191 @5734 has 6 MA's), (Start: 202 @5752 has 32 MA's), (Start: 203 @5755 has 2 MA's), (366, 6022), (389, 6073), (396, 6085), (430, 6160), (455, 6223), (461,

6235), (468, 6256), (474, 6268), (479, 6286), (487, 6304), (500, 6328), (521, 6367), (563, 6448), (570, 6472), (571, 6475), (572, 6478), (581, 6487), (624, 6574), (644, 6619), (663, 6661),

Gene: Frosty24_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Frosty24_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Fruitloop_30 Start: 27672, Stop: 28670, Start Num: 158

Candidate Starts for Fruitloop_30:

(Start: 158 @27672 has 220 MA's), (Start: 203 @27747 has 2 MA's), (243, 27807), (254, 27828), (Start: 297 @27912 has 1 MA's), (339, 27963), (346, 27978), (389, 28074), (430, 28161), (439, 28185), (446, 28206), (464, 28245), (468, 28257), (487, 28305), (502, 28332), (516, 28356), (521, 28371), (570, 28479), (596, 28527), (630, 28596), (644, 28626),

Gene: FudgeTart_248 Start: 144445, Stop: 145473, Start Num: 158

Candidate Starts for FudgeTart_248:

(Start: 158 @144445 has 220 MA's), (Start: 175 @144475 has 331 MA's), (182, 144487), (Start: 203 @144529 has 2 MA's), (243, 144592), (254, 144613), (Start: 297 @144697 has 1 MA's), (331, 144739), (339, 144751), (346, 144766), (378, 144835), (389, 144862), (414, 144916), (427, 144961), (428, 144964), (460, 145042), (468, 145063), (521, 145174), (565, 145264), (570, 145282), (611, 145354), (625, 145387),

Gene: FugateOSU_48 Start: 41405, Stop: 42760, Start Num: 89

Candidate Starts for FugateOSU_48:

(Start: 89 @41405 has 280 MA's), (Start: 105 @41456 has 11 MA's), (119, 41489), (185, 41618), (186, 41621), (194, 41636), (249, 41732), (273, 41771), (287, 41801), (300, 41837), (354, 41948), (365, 41978), (367, 41981), (397, 42047), (457, 42206), (477, 42254), (481, 42272), (504, 42320), (566, 42464), (588, 42524), (628, 42629), (671, 42716),

Gene: Funsized_52 Start: 45288, Stop: 46286, Start Num: 174

Candidate Starts for Funsized_52:

(Start: 174 @45288 has 4 MA's), (190, 45318), (Start: 202 @45339 has 32 MA's), (Start: 203 @45342 has 2 MA's), (208, 45348), (261, 45429), (293, 45477), (294, 45486), (388, 45642), (389, 45648), (407, 45684), (420, 45711), (432, 45732), (479, 45843), (495, 45873), (532, 45939), (555, 46014), (556, 46017), (607, 46128),

Gene: Funston_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Funston_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Fushigi_10 Start: 5921, Stop: 6889, Start Num: 175

Candidate Starts for Fushigi_10:

(Start: 175 @5921 has 331 MA's), (Start: 191 @5954 has 6 MA's), (Start: 202 @5972 has 32 MA's), (Start: 203 @5975 has 2 MA's), (366, 6242), (389, 6293), (396, 6305), (430, 6380), (464, 6464), (468, 6476), (474, 6488), (479, 6506), (487, 6524), (500, 6548), (521, 6587), (563, 6668), (570, 6692), (571, 6695), (572, 6698), (581, 6707), (624, 6794), (663, 6881),

Gene: GMonster_9 Start: 5627, Stop: 6595, Start Num: 175

Candidate Starts for GMonster_9:

(Start: 175 @5627 has 331 MA's), (Start: 191 @5660 has 6 MA's), (Start: 202 @5678 has 32 MA's), (Start: 203 @5681 has 2 MA's), (366, 5948), (389, 5999), (396, 6011), (430, 6086), (455, 6149), (461, 6161), (468, 6182), (474, 6194), (479, 6212), (487, 6230), (500, 6254), (521, 6293), (563, 6374), (570, 6398), (571, 6401), (572, 6404), (581, 6413), (618, 6479), (624, 6500), (663, 6587),

Gene: GUmbie_31 Start: 27537, Stop: 28538, Start Num: 164

Candidate Starts for GUmbie_31:

(35, 26916), (41, 26994), (45, 27057), (53, 27096), (70, 27249), (79, 27285), (Start: 164 @27537 has 214 MA's), (Start: 175 @27558 has 331 MA's), (182, 27570), (Start: 203 @27612 has 2 MA's), (243, 27675), (254, 27696), (271, 27726), (Start: 297 @27780 has 1 MA's), (Start: 313 @27804 has 1 MA's), (339, 27831), (389, 27942), (440, 28056), (446, 28074), (464, 28113), (474, 28137), (487, 28173), (502, 28200), (521, 28239), (552, 28287), (570, 28347), (603, 28407), (630, 28464), (644, 28494),

Gene: Gabriel_255 Start: 143426, Stop: 144454, Start Num: 158

Candidate Starts for Gabriel_255:

(Start: 158 @143426 has 220 MA's), (Start: 175 @143456 has 331 MA's), (182, 143468), (Start: 203 @143510 has 2 MA's), (243, 143573), (254, 143594), (Start: 297 @143678 has 1 MA's), (331, 143720), (339, 143732), (346, 143747), (378, 143816), (389, 143843), (414, 143897), (427, 143942), (428, 143945), (460, 144023), (468, 144044), (521, 144155), (565, 144245), (570, 144263), (611, 144335), (625, 144368),

Gene: Gabriela_28 Start: 26517, Stop: 27545, Start Num: 169

Candidate Starts for Gabriela_28:

(Start: 169 @26517 has 29 MA's), (261, 26667), (325, 26796), (330, 26805), (389, 26937), (441, 27054), (444, 27063), (445, 27066), (452, 27081), (479, 27156), (485, 27171), (548, 27285), (557, 27312), (567, 27339), (571, 27354), (581, 27366), (618, 27432),

Gene: Gachnar_10 Start: 6075, Stop: 7010, Start Num: 191

Candidate Starts for Gachnar_10:

(Start: 175 @6042 has 331 MA's), (Start: 191 @6075 has 6 MA's), (Start: 202 @6093 has 32 MA's), (Start: 203 @6096 has 2 MA's), (366, 6363), (389, 6414), (396, 6426), (430, 6501), (455, 6564), (461, 6576), (468, 6597), (474, 6609), (479, 6627), (487, 6645), (500, 6669), (521, 6708), (563, 6789), (570, 6813), (571, 6816), (572, 6819), (581, 6828), (624, 6915), (663, 7002),

Gene: Gadjet_48 Start: 41547, Stop: 42611, Start Num: 151

Candidate Starts for Gadjet_48:

(Start: 151 @41547 has 50 MA's), (184, 41610), (236, 41691), (271, 41757), (279, 41772), (288, 41784), (298, 41811), (343, 41868), (346, 41877), (413, 42024), (419, 42039), (439, 42093), (452, 42126), (467, 42165), (475, 42177), (518, 42258), (533, 42276), (535, 42279), (596, 42435), (649, 42546), (658, 42567), (673, 42600),

Gene: Gadost_10 Start: 5885, Stop: 6865, Start Num: 177

Candidate Starts for Gadost_10:

(Start: 177 @5885 has 116 MA's), (Start: 179 @5888 has 14 MA's), (190, 5912), (Start: 202 @5933 has 32 MA's), (Start: 203 @5936 has 2 MA's), (362, 6185), (389, 6242), (432, 6326), (439, 6347), (450, 6374), (469, 6404), (479, 6431), (550, 6581), (594, 6692), (598, 6704), (607, 6716), (639, 6782),

Gene: Gage_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for Gage_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443,

32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: GageAP_11 Start: 6246, Stop: 7214, Start Num: 175

Candidate Starts for GageAP_11:

(Start: 175 @6246 has 331 MA's), (Start: 191 @6279 has 6 MA's), (Start: 202 @6297 has 32 MA's), (Start: 203 @6300 has 2 MA's), (366, 6567), (389, 6618), (396, 6630), (430, 6705), (455, 6768), (461, 6780), (468, 6801), (474, 6813), (479, 6831), (487, 6849), (500, 6873), (521, 6912), (563, 6993), (570, 7017), (571, 7020), (572, 7023), (581, 7032), (624, 7119), (644, 7164), (663, 7206),

Gene: Gaia_34 Start: 30705, Stop: 31589, Start Num: 202

Candidate Starts for Gaia_34:

(Start: 202 @30705 has 32 MA's), (208, 30714), (Start: 218 @30735 has 1 MA's), (288, 30864), (292, 30870), (303, 30900), (308, 30909), (342, 30951), (373, 31020), (430, 31167), (435, 31179), (465, 31236), (473, 31257), (489, 31299), (517, 31350), (522, 31365), (524, 31368), (545, 31392), (590, 31443), (601, 31476), (625, 31527), (650, 31581),

Gene: Galactic_33 Start: 28347, Stop: 29363, Start Num: 164

Candidate Starts for Galactic_33:

(84, 28116), (85, 28119), (93, 28167), (142, 28302), (144, 28311), (Start: 164 @28347 has 214 MA's), (232, 28479), (243, 28500), (254, 28521), (271, 28551), (278, 28563), (Start: 297 @28605 has 1 MA's), (339, 28656), (346, 28671), (389, 28767), (439, 28878), (446, 28899), (464, 28938), (468, 28950), (487, 28998), (502, 29025), (516, 29049), (521, 29064), (570, 29172), (596, 29220), (630, 29289), (644, 29319),

Gene: GaloreK_27 Start: 24048, Stop: 25214, Start Num: 110

Candidate Starts for GaloreK_27:

(Start: 110 @24048 has 51 MA's), (132, 24102), (134, 24105), (178, 24192), (Start: 209 @24240 has 127 MA's), (249, 24312), (264, 24333), (300, 24417), (327, 24456), (354, 24522), (365, 24552), (379, 24573), (397, 24618), (434, 24714), (447, 24753), (461, 24768), (477, 24807), (517, 24894), (524, 24912), (531, 24918), (571, 24966), (588, 24987), (621, 25059), (651, 25134),

Gene: Gamgam_254 Start: 143783, Stop: 144811, Start Num: 158

Candidate Starts for Gamgam_254:

(Start: 158 @143783 has 220 MA's), (Start: 175 @143813 has 331 MA's), (182, 143825), (Start: 203 @143867 has 2 MA's), (243, 143930), (254, 143951), (Start: 297 @144035 has 1 MA's), (331, 144077), (339, 144089), (346, 144104), (378, 144173), (389, 144200), (414, 144254), (427, 144299), (428, 144302), (460, 144380), (468, 144401), (521, 144512), (565, 144602), (570, 144620), (611, 144692), (625, 144725),

Gene: Gancho_32 Start: 28062, Stop: 29297, Start Num: 96

Candidate Starts for Gancho_32:

(Start: 96 @28062 has 92 MA's), (127, 28155), (131, 28167), (141, 28188), (145, 28200), (Start: 151 @28212 has 50 MA's), (153, 28215), (184, 28278), (194, 28296), (215, 28329), (249, 28389), (273, 28428), (278, 28437), (279, 28440), (287, 28458), (300, 28494), (327, 28542), (334, 28554), (337, 28560), (359, 28623), (361, 28626), (381, 28665), (419, 28767), (461, 28854), (477, 28893), (483, 28914), (490, 28929), (519, 28983), (541, 29013), (571, 29046), (579, 29055), (584, 29061), (591, 29073), (593, 29082), (625, 29145), (651, 29214), (668, 29241),

Gene: Gandalf20_11 Start: 6816, Stop: 7784, Start Num: 175

Candidate Starts for Gandalf20_11:

(Start: 175 @6816 has 331 MA's), (Start: 191 @6849 has 6 MA's), (Start: 202 @6867 has 32 MA's), (Start: 203 @6870 has 2 MA's), (366, 7137), (389, 7188), (396, 7200), (430, 7275), (455, 7338), (461,

7350), (468, 7371), (474, 7383), (479, 7401), (487, 7419), (500, 7443), (521, 7482), (563, 7563), (570, 7587), (571, 7590), (572, 7593), (581, 7602), (624, 7689), (644, 7734), (663, 7776),

Gene: Gandolph_32 Start: 27860, Stop: 28861, Start Num: 164

Candidate Starts for Gandolph_32:

(Start: 164 @27860 has 214 MA's), (Start: 175 @27881 has 331 MA's), (182, 27893), (Start: 203 @27935 has 2 MA's), (243, 27998), (254, 28019), (271, 28049), (Start: 297 @28103 has 1 MA's), (Start: 313 @28127 has 1 MA's), (339, 28154), (389, 28265), (440, 28379), (446, 28397), (464, 28436), (474, 28460), (487, 28496), (502, 28523), (521, 28562), (570, 28670), (596, 28718), (630, 28787), (644, 28817),

Gene: Ganymede_32 Start: 26474, Stop: 27346, Start Num: 227

Candidate Starts for Ganymede_32:

(Start: 209 @26447 has 127 MA's), (Start: 227 @26474 has 136 MA's), (Start: 238 @26486 has 1 MA's), (275, 26555), (288, 26582), (300, 26612), (307, 26621), (327, 26657), (332, 26666), (346, 26699), (352, 26717), (367, 26747), (397, 26807), (465, 26942), (478, 26969), (489, 26990), (499, 27014), (539, 27065), (596, 27167), (621, 27203), (630, 27227), (674, 27326), (676, 27335),

Gene: Gardann_28 Start: 26305, Stop: 27276, Start Num: 112

Candidate Starts for Gardann_28:

(Start: 112 @26305 has 24 MA's), (134, 26359), (192, 26479), (211, 26509), (219, 26524), (Start: 238 @26557 has 1 MA's), (240, 26560), (244, 26569), (255, 26590), (288, 26653), (307, 26680), (319, 26704), (338, 26734), (365, 26785), (374, 26797), (402, 26860), (407, 26875), (431, 26935), (437, 26950), (478, 27031), (488, 27049), (489, 27052), (491, 27055), (597, 27106), (625, 27151), (644, 27193), (664, 27235),

Gene: GardenSalsa_43 Start: 32893, Stop: 33870, Start Num: 204

Candidate Starts for GardenSalsa_43:

(Start: 204 @32893 has 7 MA's), (220, 32920), (284, 33043), (295, 33073), (333, 33130), (339, 33139), (356, 33184), (362, 33196), (379, 33226), (389, 33250), (401, 33268), (410, 33295), (428, 33334), (443, 33373), (444, 33376), (485, 33463), (495, 33478), (563, 33631), (564, 33634), (567, 33643), (570, 33655), (573, 33664), (589, 33685), (596, 33706), (632, 33781),

Gene: Gareth_48 Start: 41399, Stop: 42754, Start Num: 89

Candidate Starts for Gareth_48:

(Start: 89 @41399 has 280 MA's), (Start: 105 @41450 has 11 MA's), (119, 41483), (185, 41612), (186, 41615), (194, 41630), (249, 41726), (273, 41765), (287, 41795), (300, 41831), (354, 41942), (365, 41972), (367, 41975), (397, 42041), (457, 42200), (477, 42248), (481, 42266), (504, 42314), (566, 42458), (588, 42518), (628, 42623), (671, 42710),

Gene: Gator_33 Start: 31466, Stop: 32323, Start Num: 209

Candidate Starts for Gator_33:

(Start: 209 @31466 has 127 MA's), (229, 31505), (244, 31535), (255, 31556), (274, 31592), (288, 31622), (327, 31697), (352, 31745), (355, 31748), (365, 31772), (367, 31775), (378, 31790), (443, 31961), (494, 32075), (501, 32090), (504, 32096), (582, 32138), (584, 32141), (612, 32195), (646, 32273), (662, 32306),

Gene: GaugeLDP_13 Start: 7785, Stop: 8762, Start Num: 175

Candidate Starts for GaugeLDP_13:

(Start: 175 @7785 has 331 MA's), (190, 7815), (Start: 202 @7836 has 32 MA's), (Start: 203 @7839 has 2 MA's), (222, 7872), (293, 7974), (302, 7998), (356, 8076), (362, 8088), (389, 8145), (396, 8157), (448, 8274), (479, 8334), (525, 8418), (550, 8481), (607, 8616), (639, 8682), (661, 8736),

Gene: Gavriela_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for Gavriela_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: Gemini_38 Start: 32365, Stop: 33222, Start Num: 209

Candidate Starts for Gemini_38:

(Start: 209 @32365 has 127 MA's), (229, 32404), (244, 32434), (255, 32455), (274, 32491), (288, 32521), (327, 32596), (352, 32644), (355, 32647), (365, 32671), (367, 32674), (378, 32689), (443, 32860), (494, 32974), (501, 32989), (504, 32995), (582, 33037), (584, 33040), (612, 33094), (646, 33172), (662, 33205),

Gene: Gemma_12 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Gemma_12:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: GeneCoco_49 Start: 41714, Stop: 43069, Start Num: 89

Candidate Starts for GeneCoco_49:

(Start: 89 @41714 has 280 MA's), (Start: 105 @41765 has 11 MA's), (119, 41798), (185, 41927), (186, 41930), (194, 41945), (249, 42041), (273, 42080), (287, 42110), (300, 42146), (354, 42257), (365, 42287), (367, 42290), (397, 42356), (457, 42515), (477, 42563), (481, 42581), (504, 42629), (566, 42773), (588, 42833), (628, 42938), (671, 43025),

Gene: GenevaB15_43 Start: 32938, Stop: 33918, Start Num: 204

Candidate Starts for GenevaB15_43:

(Start: 204 @32938 has 7 MA's), (220, 32965), (269, 33061), (284, 33088), (295, 33118), (333, 33175), (339, 33184), (389, 33295), (443, 33418), (444, 33421), (485, 33511), (495, 33526), (563, 33679), (564, 33682), (567, 33691), (570, 33703), (573, 33712), (589, 33733), (596, 33754), (632, 33829),

Gene: Gengar_30 Start: 27074, Stop: 27946, Start Num: 227

Candidate Starts for Gengar_30:

(Start: 227 @27074 has 136 MA's), (Start: 238 @27086 has 1 MA's), (242, 27092), (255, 27119), (272, 27149), (275, 27155), (300, 27209), (307, 27218), (314, 27230), (332, 27263), (346, 27296), (367, 27344), (478, 27566), (488, 27584), (489, 27587), (524, 27647), (539, 27665), (559, 27692), (596, 27764), (612, 27779), (621, 27800), (622, 27803), (630, 27824), (671, 27917), (674, 27926), (676, 27935),

Gene: Georgie2_12 Start: 6373, Stop: 7365, Start Num: 175

Candidate Starts for Georgie2_12:

(Start: 175 @6373 has 331 MA's), (Start: 202 @6424 has 32 MA's), (Start: 203 @6427 has 2 MA's), (222, 6460), (237, 6475), (309, 6595), (331, 6601), (368, 6688), (389, 6733), (450, 6865), (476, 6904), (497, 6952), (542, 7033), (552, 7075), (580, 7162), (607, 7210), (636, 7276), (669, 7351),

Gene: Geraldini_31 Start: 26471, Stop: 27343, Start Num: 227

Candidate Starts for Geraldini_31:

(Start: 209 @26444 has 127 MA's), (Start: 227 @26471 has 136 MA's), (Start: 238 @26483 has 1 MA's), (275, 26552), (288, 26579), (300, 26609), (307, 26618), (327, 26654), (332, 26663), (346, 26696), (352, 26714), (367, 26744), (397, 26804), (465, 26939), (478, 26966), (489, 26987), (499,

27011), (539, 27062), (596, 27164), (621, 27200), (630, 27224), (674, 27323), (676, 27332),

Gene: Geralt_31 Start: 27520, Stop: 28521, Start Num: 164

Candidate Starts for Geralt_31:

(119, 27421), (Start: 164 @27520 has 214 MA's), (Start: 175 @27541 has 331 MA's), (182, 27553), (Start: 203 @27595 has 2 MA's), (243, 27658), (254, 27679), (Start: 297 @27763 has 1 MA's), (Start: 313 @27787 has 1 MA's), (331, 27802), (339, 27814), (389, 27925), (440, 28039), (446, 28057), (464, 28096), (474, 28120), (487, 28156), (502, 28183), (521, 28222), (552, 28270), (570, 28330), (596, 28378), (603, 28390), (625, 28435), (630, 28447),

Gene: Gervas_47 Start: 41514, Stop: 42578, Start Num: 151

Candidate Starts for Gervas_47:

(Start: 151 @41514 has 50 MA's), (184, 41577), (236, 41658), (271, 41724), (279, 41739), (288, 41751), (298, 41778), (343, 41835), (346, 41844), (413, 41991), (419, 42006), (439, 42060), (452, 42093), (467, 42132), (475, 42144), (518, 42225), (533, 42243), (535, 42246), (552, 42291), (596, 42402), (649, 42513), (658, 42534), (673, 42567),

Gene: Ghost_252 Start: 144407, Stop: 145435, Start Num: 158

Candidate Starts for Ghost_252:

(Start: 158 @144407 has 220 MA's), (Start: 175 @144437 has 331 MA's), (182, 144449), (Start: 203 @144491 has 2 MA's), (243, 144554), (254, 144575), (Start: 297 @144659 has 1 MA's), (331, 144701), (339, 144713), (346, 144728), (378, 144797), (389, 144824), (414, 144878), (427, 144923), (428, 144926), (460, 145004), (468, 145025), (521, 145136), (565, 145226), (570, 145244), (611, 145316), (625, 145349),

Gene: Gideon_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Gideon_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: GigiOuiOui_31 Start: 27649, Stop: 28650, Start Num: 164

Candidate Starts for GigiOuiOui_31:

(35, 27028), (41, 27106), (45, 27169), (53, 27208), (70, 27361), (79, 27397), (Start: 164 @27649 has 214 MA's), (Start: 175 @27670 has 331 MA's), (182, 27682), (Start: 203 @27724 has 2 MA's), (243, 27787), (254, 27808), (271, 27838), (Start: 297 @27892 has 1 MA's), (Start: 313 @27916 has 1 MA's), (339, 27943), (389, 28054), (440, 28168), (446, 28186), (464, 28225), (474, 28249), (487, 28285), (502, 28312), (521, 28351), (552, 28399), (570, 28459), (603, 28519), (630, 28576), (644, 28606),

Gene: Giles_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Giles_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: GingkoMaracino_12 Start: 5848, Stop: 6813, Start Num: 166

Candidate Starts for GingkoMaracino_12:

(Start: 166 @5848 has 96 MA's), (172, 5860), (Start: 191 @5893 has 6 MA's), (Start: 203 @5914 has 2 MA's), (344, 6124), (389, 6229), (439, 6325), (444, 6340), (452, 6358), (472, 6406), (474, 6409), (475,

6412), (479, 6427), (523, 6511), (552, 6568), (571, 6631), (593, 6670), (658, 6802),

Gene: Girafales_32 Start: 27328, Stop: 28329, Start Num: 164

Candidate Starts for Girafales_32:

(Start: 164 @27328 has 214 MA's), (Start: 203 @27403 has 2 MA's), (222, 27436), (243, 27466), (254, 27487), (Start: 297 @27571 has 1 MA's), (Start: 313 @27595 has 1 MA's), (331, 27610), (339, 27622), (389, 27733), (440, 27847), (446, 27865), (464, 27904), (474, 27928), (487, 27964), (502, 27991), (521, 28030), (552, 28078), (570, 28138), (596, 28186), (603, 28198), (625, 28243), (630, 28255), (644, 28285),

Gene: Giraffe_49 Start: 41423, Stop: 42778, Start Num: 89

Candidate Starts for Giraffe_49:

(Start: 89 @41423 has 280 MA's), (Start: 105 @41474 has 11 MA's), (119, 41507), (128, 41525), (185, 41636), (186, 41639), (194, 41654), (249, 41750), (273, 41789), (287, 41819), (300, 41855), (354, 41966), (365, 41996), (367, 41999), (397, 42065), (457, 42224), (477, 42272), (481, 42290), (504, 42338), (566, 42482), (588, 42542), (628, 42647), (671, 42734),

Gene: Giroux_11 Start: 5739, Stop: 6479, Start Num: 315

Candidate Starts for Giroux_11:

(220, 5622), (Start: 315 @5739 has 18 MA's), (362, 5826), (389, 5883), (396, 5895), (398, 5898), (408, 5922), (414, 5937), (427, 5955), (439, 5985), (441, 5991), (444, 6000), (452, 6018), (474, 6069), (479, 6087), (518, 6159), (546, 6201), (552, 6228), (559, 6255), (570, 6288), (571, 6291), (593, 6330), (666, 6471),

Gene: Girr_33 Start: 28455, Stop: 29525, Start Num: 164

Candidate Starts for Girr_33:

(138, 28404), (Start: 164 @28455 has 214 MA's), (Start: 175 @28476 has 331 MA's), (Start: 179 @28482 has 14 MA's), (Start: 191 @28509 has 6 MA's), (197, 28518), (236, 28578), (248, 28605), (288, 28671), (316, 28725), (346, 28767), (366, 28818), (403, 28902), (413, 28932), (423, 28965), (445, 29040), (454, 29061), (518, 29190), (552, 29262), (592, 29358), (596, 29370), (630, 29439), (654, 29496), (660, 29505),

Gene: Gizmo_258 Start: 147272, Stop: 148300, Start Num: 158

Candidate Starts for Gizmo_258:

(Start: 158 @147272 has 220 MA's), (Start: 175 @147302 has 331 MA's), (182, 147314), (Start: 203 @147356 has 2 MA's), (243, 147419), (254, 147440), (Start: 297 @147524 has 1 MA's), (331, 147566), (339, 147578), (346, 147593), (378, 147662), (389, 147689), (414, 147743), (427, 147788), (428, 147791), (460, 147869), (468, 147890), (521, 148001), (565, 148091), (570, 148109), (611, 148181), (625, 148214),

Gene: Glaske_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for Glaske_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: Glaske16_39 Start: 31793, Stop: 32764, Start Num: 206

Candidate Starts for Glaske16_39:

(Start: 206 @31793 has 15 MA's), (220, 31817), (228, 31832), (295, 31970), (309, 31997), (Start: 326 @32015 has 2 MA's), (333, 32027), (339, 32036), (356, 32081), (362, 32093), (378, 32120), (389, 32147), (396, 32159), (416, 32204), (428, 32231), (440, 32261), (443, 32270), (444, 32273), (485,

32360), (495, 32375), (563, 32528), (564, 32531), (592, 32591), (596, 32603), (599, 32612), (621, 32648), (626, 32663), (642, 32702), (653, 32735),

Gene: GlenHope_48 Start: 41527, Stop: 42591, Start Num: 151

Candidate Starts for GlenHope_48:

(Start: 151 @41527 has 50 MA's), (184, 41590), (236, 41671), (271, 41737), (279, 41752), (288, 41764), (298, 41791), (343, 41848), (346, 41857), (413, 42004), (419, 42019), (439, 42073), (452, 42106), (467, 42145), (475, 42157), (518, 42238), (533, 42256), (535, 42259), (596, 42415), (649, 42526), (658, 42547), (673, 42580),

Gene: Glexan_33 Start: 31454, Stop: 32311, Start Num: 209

Candidate Starts for Glexan_33:

(Start: 209 @31454 has 127 MA's), (229, 31493), (244, 31523), (255, 31544), (274, 31580), (288, 31610), (327, 31685), (352, 31733), (355, 31736), (365, 31760), (367, 31763), (378, 31778), (443, 31949), (494, 32063), (501, 32078), (504, 32084), (582, 32126), (584, 32129), (612, 32183), (646, 32261), (662, 32294),

Gene: Glubnar_48 Start: 41526, Stop: 42590, Start Num: 151

Candidate Starts for Glubnar_48:

(Start: 151 @41526 has 50 MA's), (184, 41589), (236, 41670), (271, 41736), (279, 41751), (288, 41763), (298, 41790), (343, 41847), (346, 41856), (413, 42003), (419, 42018), (439, 42072), (452, 42105), (467, 42144), (475, 42156), (518, 42237), (533, 42255), (535, 42258), (552, 42303), (596, 42414), (649, 42525), (658, 42546), (673, 42579),

Gene: GlutenPhree_253 Start: 143794, Stop: 144822, Start Num: 158

Candidate Starts for GlutenPhree_253:

(Start: 158 @143794 has 220 MA's), (Start: 175 @143824 has 331 MA's), (182, 143836), (Start: 203 @143878 has 2 MA's), (243, 143941), (254, 143962), (Start: 297 @144046 has 1 MA's), (331, 144088), (339, 144100), (346, 144115), (378, 144184), (389, 144211), (414, 144265), (427, 144310), (428, 144313), (460, 144391), (468, 144412), (521, 144523), (565, 144613), (570, 144631), (611, 144703), (625, 144736),

Gene: Goku_35 Start: 31570, Stop: 32427, Start Num: 209

Candidate Starts for Goku_35:

(Start: 209 @31570 has 127 MA's), (229, 31609), (244, 31639), (255, 31660), (274, 31696), (288, 31726), (327, 31801), (352, 31849), (355, 31852), (365, 31876), (367, 31879), (378, 31894), (443, 32065), (494, 32179), (501, 32194), (504, 32200), (582, 32242), (584, 32245), (612, 32299), (646, 32377), (662, 32410),

Gene: GoldenAsh_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for GoldenAsh_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (285, 25567), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: GoldenSpark_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for GoldenSpark_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443, 32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: Goldilocks_36 Start: 31268, Stop: 32125, Start Num: 209

Candidate Starts for Goldilocks_36:

(Start: 209 @31268 has 127 MA's), (229, 31307), (244, 31337), (255, 31358), (274, 31394), (288, 31424), (327, 31499), (352, 31547), (355, 31550), (365, 31574), (367, 31577), (378, 31592), (443, 31763), (494, 31877), (501, 31892), (504, 31898), (582, 31940), (584, 31943), (612, 31997), (646, 32075), (662, 32108),

Gene: Gomashi_28 Start: 25202, Stop: 26410, Start Num: 96

Candidate Starts for Gomashi_28:

(72, 25109), (Start: 96 @25202 has 92 MA's), (168, 25376), (211, 25448), (273, 25547), (278, 25556), (288, 25580), (293, 25589), (300, 25613), (310, 25634), (327, 25661), (334, 25673), (361, 25745), (381, 25784), (461, 25973), (470, 25997), (477, 26012), (483, 26033), (504, 26078), (506, 26081), (541, 26132),

Gene: Gompeii16_10 Start: 6219, Stop: 7187, Start Num: 175

Candidate Starts for Gompeii16_10:

(Start: 175 @6219 has 331 MA's), (Start: 191 @6252 has 6 MA's), (Start: 202 @6270 has 32 MA's), (Start: 203 @6273 has 2 MA's), (366, 6540), (389, 6591), (396, 6603), (430, 6678), (455, 6741), (468, 6774), (474, 6786), (479, 6804), (487, 6822), (500, 6846), (521, 6885), (563, 6966), (570, 6990), (571, 6993), (572, 6996), (581, 7005), (624, 7092), (663, 7179),

Gene: Gonephishing_50 Start: 40364, Stop: 41368, Start Num: 103

Candidate Starts for Gonephishing_50:

(Start: 103 @40364 has 9 MA's), (130, 40418), (Start: 158 @40469 has 220 MA's), (196, 40541), (244, 40616), (307, 40730), (314, 40742), (332, 40775), (365, 40844), (374, 40856), (380, 40868), (382, 40871), (401, 40916), (407, 40934), (478, 41096), (486, 41111), (490, 41120), (671, 41321),

Gene: GooberAzure_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for GooberAzure_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443, 32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: Goose_10 Start: 5711, Stop: 6685, Start Num: 175

Candidate Starts for Goose_10:

(154, 5672), (Start: 175 @5711 has 331 MA's), (Start: 203 @5765 has 2 MA's), (299, 5918), (389, 6080), (398, 6095), (430, 6164), (439, 6188), (441, 6194), (444, 6203), (474, 6272), (479, 6290), (502, 6335), (513, 6353), (552, 6431), (559, 6458), (565, 6473), (571, 6494), (620, 6584), (640, 6626), (663, 6677),

Gene: Gophee_49 Start: 41697, Stop: 43052, Start Num: 89

Candidate Starts for Gophee_49:

(Start: 89 @41697 has 280 MA's), (Start: 105 @41748 has 11 MA's), (119, 41781), (185, 41910), (186, 41913), (194, 41928), (249, 42024), (273, 42063), (287, 42093), (300, 42129), (354, 42240), (365, 42270), (367, 42273), (397, 42339), (457, 42498), (477, 42546), (481, 42564), (504, 42612), (566, 42756), (588, 42816), (628, 42921), (671, 43008),

Gene: Gorge_31 Start: 27751, Stop: 28752, Start Num: 164

Candidate Starts for Gorge_31:

(Start: 164 @27751 has 214 MA's), (Start: 203 @27826 has 2 MA's), (222, 27859), (243, 27889), (254, 27910), (271, 27940), (278, 27952), (Start: 297 @27994 has 1 MA's), (Start: 313 @28018 has 1 MA's), (331, 28033), (339, 28045), (389, 28156), (440, 28270), (446, 28288), (464, 28327), (474, 28351),

(487, 28387), (521, 28453), (570, 28561), (596, 28609), (603, 28621), (625, 28666), (630, 28678), (644, 28708),

Gene: Graduation_12 Start: 6781, Stop: 7749, Start Num: 175

Candidate Starts for Graduation_12:

(Start: 175 @6781 has 331 MA's), (Start: 191 @6814 has 6 MA's), (Start: 202 @6832 has 32 MA's), (Start: 203 @6835 has 2 MA's), (366, 7102), (389, 7153), (396, 7165), (430, 7240), (455, 7303), (468, 7336), (474, 7348), (479, 7366), (487, 7384), (521, 7447), (563, 7528), (570, 7552), (571, 7555), (572, 7558), (581, 7567), (624, 7654), (644, 7699), (663, 7741),

Gene: Grand2040_48 Start: 41417, Stop: 42772, Start Num: 89

Candidate Starts for Grand2040_48:

(Start: 89 @41417 has 280 MA's), (Start: 105 @41468 has 11 MA's), (119, 41501), (185, 41630), (186, 41633), (194, 41648), (249, 41744), (273, 41783), (287, 41813), (300, 41849), (354, 41960), (365, 41990), (367, 41993), (397, 42059), (457, 42218), (477, 42266), (481, 42284), (504, 42332), (566, 42476), (588, 42536), (628, 42641), (671, 42728),

Gene: Grasshills_259 Start: 146393, Stop: 147421, Start Num: 158

Candidate Starts for Grasshills_259:

(Start: 158 @146393 has 220 MA's), (Start: 175 @146423 has 331 MA's), (182, 146435), (Start: 203 @146477 has 2 MA's), (243, 146540), (254, 146561), (Start: 297 @146645 has 1 MA's), (331, 146687), (339, 146699), (346, 146714), (378, 146783), (389, 146810), (414, 146864), (427, 146909), (428, 146912), (460, 146990), (468, 147011), (521, 147122), (565, 147212), (570, 147230), (611, 147302), (625, 147335),

Gene: Gratitude_12 Start: 6926, Stop: 7903, Start Num: 175

Candidate Starts for Gratitude_12:

(Start: 175 @6926 has 331 MA's), (Start: 203 @6980 has 2 MA's), (250, 7037), (344, 7169), (362, 7217), (389, 7274), (407, 7310), (430, 7358), (444, 7397), (475, 7469), (479, 7484), (502, 7529), (513, 7547), (540, 7589), (552, 7637), (559, 7664), (565, 7679), (570, 7697), (571, 7700), (620, 7790),

Gene: Gravaillia_32 Start: 28068, Stop: 29303, Start Num: 96

Candidate Starts for Gravaillia_32:

(Start: 96 @28068 has 92 MA's), (131, 28173), (141, 28194), (145, 28206), (Start: 151 @28218 has 50 MA's), (153, 28221), (184, 28284), (194, 28302), (215, 28335), (249, 28395), (273, 28434), (278, 28443), (279, 28446), (287, 28464), (300, 28500), (327, 28548), (334, 28560), (337, 28566), (359, 28629), (361, 28632), (373, 28659), (381, 28671), (404, 28728), (461, 28860), (465, 28872), (477, 28899), (483, 28920), (490, 28935), (519, 28989), (541, 29019), (571, 29052), (579, 29061), (591, 29079), (593, 29088), (596, 29097), (625, 29151), (651, 29220), (664, 29241), (668, 29247),

Gene: GreaseLightnin_27 Start: 24303, Stop: 25469, Start Num: 110

Candidate Starts for GreaseLightnin_27:

(13, 23460), (15, 23550), (26, 23721), (36, 23817), (43, 23922), (Start: 110 @24303 has 51 MA's), (114, 24312), (132, 24357), (134, 24360), (178, 24447), (207, 24492), (249, 24567), (264, 24588), (273, 24606), (300, 24672), (327, 24711), (354, 24777), (365, 24807), (379, 24828), (397, 24873), (434, 24969), (447, 25008), (461, 25023), (477, 25062), (517, 25149), (524, 25167), (531, 25173), (571, 25221), (621, 25314), (651, 25389),

Gene: GrecoEtereo_11 Start: 6325, Stop: 7287, Start Num: 175

Candidate Starts for GrecoEtereo_11:

(Start: 175 @6325 has 331 MA's), (Start: 191 @6358 has 6 MA's), (Start: 202 @6376 has 32 MA's), (Start: 203 @6379 has 2 MA's), (339, 6580), (366, 6646), (389, 6691), (432, 6781), (464, 6862), (468, 6874), (474, 6886), (479, 6904), (487, 6922), (500, 6946), (521, 6985), (563, 7066), (570, 7090), (571,

7093), (572, 7096), (581, 7105), (624, 7192), (644, 7237), (663, 7279),

Gene: GreenChile_50 Start: 41702, Stop: 43057, Start Num: 89

Candidate Starts for GreenChile_50:

(Start: 89 @41702 has 280 MA's), (Start: 105 @41753 has 11 MA's), (119, 41786), (128, 41804), (185, 41915), (186, 41918), (194, 41933), (249, 42029), (273, 42068), (287, 42098), (300, 42134), (354, 42245), (365, 42275), (367, 42278), (397, 42344), (457, 42503), (477, 42551), (481, 42569), (504, 42617), (566, 42761), (588, 42821), (628, 42926), (671, 43013),

Gene: Greep_36 Start: 32178, Stop: 33035, Start Num: 209

Candidate Starts for Greep_36:

(Start: 209 @32178 has 127 MA's), (229, 32217), (244, 32247), (255, 32268), (274, 32304), (288, 32334), (327, 32409), (352, 32457), (355, 32460), (365, 32484), (367, 32487), (378, 32502), (443, 32673), (488, 32772), (494, 32787), (501, 32802), (504, 32808), (582, 32850), (584, 32853), (612, 32907), (646, 32985), (662, 33018),

Gene: Greg_11 Start: 5830, Stop: 6798, Start Num: 175

Candidate Starts for Greg_11:

(Start: 175 @5830 has 331 MA's), (Start: 191 @5863 has 6 MA's), (Start: 202 @5881 has 32 MA's), (Start: 203 @5884 has 2 MA's), (366, 6151), (389, 6202), (396, 6214), (430, 6289), (455, 6352), (461, 6364), (468, 6385), (474, 6397), (479, 6415), (487, 6433), (500, 6457), (521, 6496), (563, 6577), (570, 6601), (571, 6604), (572, 6607), (581, 6616), (624, 6703), (663, 6790),

Gene: Grif_12 Start: 6045, Stop: 7010, Start Num: 166

Candidate Starts for Grif_12:

(Start: 166 @6045 has 96 MA's), (Start: 191 @6090 has 6 MA's), (Start: 203 @6111 has 2 MA's), (280, 6231), (362, 6369), (389, 6426), (398, 6441), (439, 6522), (444, 6537), (452, 6555), (474, 6606), (479, 6624), (502, 6669), (552, 6765), (571, 6828), (593, 6867), (620, 6918),

Gene: Grimmer_33 Start: 28242, Stop: 29243, Start Num: 164

Candidate Starts for Grimmer_33:

(119, 28143), (Start: 164 @28242 has 214 MA's), (Start: 203 @28317 has 2 MA's), (222, 28350), (243, 28380), (254, 28401), (Start: 297 @28485 has 1 MA's), (Start: 313 @28509 has 1 MA's), (331, 28524), (339, 28536), (389, 28647), (440, 28761), (446, 28779), (464, 28818), (474, 28842), (487, 28878), (502, 28905), (521, 28944), (552, 28992), (570, 29052), (603, 29112), (625, 29157), (630, 29169), (644, 29199),

Gene: Grizzly_28 Start: 25205, Stop: 26413, Start Num: 96

Candidate Starts for Grizzly_28:

(72, 25112), (Start: 96 @25205 has 92 MA's), (168, 25379), (211, 25451), (249, 25511), (273, 25550), (278, 25559), (288, 25583), (293, 25592), (300, 25616), (310, 25637), (327, 25664), (334, 25676), (361, 25748), (381, 25787), (461, 25976), (477, 26015), (483, 26036), (501, 26075), (504, 26081),

Gene: GroundGoblin_11 Start: 6577, Stop: 7539, Start Num: 175

Candidate Starts for GroundGoblin_11:

(Start: 175 @6577 has 331 MA's), (Start: 191 @6610 has 6 MA's), (Start: 202 @6628 has 32 MA's), (Start: 203 @6631 has 2 MA's), (366, 6898), (389, 6943), (432, 7033), (464, 7114), (468, 7126), (474, 7138), (479, 7156), (487, 7174), (500, 7198), (521, 7237), (563, 7318), (570, 7342), (571, 7345), (572, 7348), (581, 7357), (624, 7444), (644, 7489), (663, 7531),

Gene: Groupthink_13 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Groupthink_13:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: Grub_12 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for Grub_12:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: Grum1_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for Grum1_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: Grungle_234 Start: 141672, Stop: 142700, Start Num: 158

Candidate Starts for Grungle_234:

(Start: 158 @141672 has 220 MA's), (Start: 175 @141702 has 331 MA's), (182, 141714), (Start: 203 @141756 has 2 MA's), (243, 141819), (254, 141840), (Start: 297 @141924 has 1 MA's), (331, 141966), (339, 141978), (346, 141993), (378, 142062), (389, 142089), (414, 142143), (427, 142188), (428, 142191), (460, 142269), (468, 142290), (521, 142401), (565, 142491), (570, 142509), (611, 142581), (625, 142614),

Gene: GtownJaz_12 Start: 5963, Stop: 6928, Start Num: 166

Candidate Starts for GtownJaz_12:

(Start: 166 @5963 has 96 MA's), (Start: 191 @6008 has 6 MA's), (Start: 203 @6029 has 2 MA's), (280, 6149), (362, 6287), (389, 6344), (398, 6359), (439, 6440), (444, 6455), (452, 6473), (474, 6524), (479, 6542), (502, 6587), (552, 6683), (571, 6746), (593, 6785), (620, 6836),

Gene: Guanica15_31 Start: 25719, Stop: 26588, Start Num: 227

Candidate Starts for Guanica15_31:

(196, 25671), (Start: 209 @25692 has 127 MA's), (Start: 227 @25719 has 136 MA's), (Start: 238 @25731 has 1 MA's), (251, 25758), (255, 25764), (272, 25794), (275, 25800), (307, 25863), (327, 25899), (332, 25908), (346, 25941), (367, 25989), (401, 26058), (478, 26211), (489, 26232), (499, 26256), (509, 26274), (527, 26295), (559, 26334), (596, 26409), (621, 26445), (657, 26538), (674, 26568), (676, 26577),

Gene: Guillsminger_30 Start: 27046, Stop: 27918, Start Num: 227

Candidate Starts for Guillsminger_30:

(Start: 227 @27046 has 136 MA's), (Start: 238 @27058 has 1 MA's), (242, 27064), (255, 27091), (272, 27121), (275, 27127), (300, 27181), (307, 27190), (314, 27202), (332, 27235), (346, 27268), (367, 27316), (401, 27385), (478, 27538), (488, 27556), (489, 27559), (524, 27619), (539, 27637), (559, 27664), (596, 27736), (621, 27772), (622, 27775), (630, 27796), (651, 27853), (671, 27889), (674, 27898), (676, 27907),

Gene: Guppsters_33 Start: 28042, Stop: 29043, Start Num: 164

Candidate Starts for Guppsters_33:

(Start: 164 @28042 has 214 MA's), (Start: 203 @28117 has 2 MA's), (222, 28150), (243, 28180), (254, 28201), (Start: 297 @28285 has 1 MA's), (339, 28336), (346, 28351), (389, 28447), (439, 28558), (446, 28579), (464, 28618), (468, 28630), (487, 28678), (502, 28705), (516, 28729), (521, 28744), (570, 28852), (596, 28900), (630, 28969), (644, 28999),

Gene: GuuelaD_28 Start: 26337, Stop: 27308, Start Num: 112

Candidate Starts for GuuelaD_28:

(Start: 112 @26337 has 24 MA's), (134, 26391), (192, 26511), (211, 26541), (219, 26556), (Start: 238 @26589 has 1 MA's), (240, 26592), (244, 26601), (255, 26622), (288, 26685), (307, 26712), (319, 26736), (338, 26766), (365, 26817), (374, 26829), (402, 26892), (407, 26907), (431, 26967), (437, 26982), (478, 27063), (488, 27081), (489, 27084), (491, 27087), (597, 27138), (625, 27183), (644, 27225), (664, 27267),

Gene: Guwapp_248 Start: 143241, Stop: 144269, Start Num: 158

Candidate Starts for Guwapp_248:

(Start: 158 @143241 has 220 MA's), (Start: 175 @143271 has 331 MA's), (182, 143283), (Start: 203 @143325 has 2 MA's), (243, 143388), (254, 143409), (Start: 297 @143493 has 1 MA's), (331, 143535), (339, 143547), (346, 143562), (378, 143631), (389, 143658), (414, 143712), (427, 143757), (428, 143760), (460, 143838), (468, 143859), (521, 143970), (565, 144060), (570, 144078), (611, 144150), (625, 144183),

Gene: Gwendoluna_11 Start: 6701, Stop: 7669, Start Num: 175

Candidate Starts for Gwendoluna_11:

(Start: 175 @6701 has 331 MA's), (Start: 191 @6734 has 6 MA's), (Start: 202 @6752 has 32 MA's), (Start: 203 @6755 has 2 MA's), (366, 7022), (389, 7073), (396, 7085), (430, 7160), (455, 7223), (461, 7235), (468, 7256), (474, 7268), (479, 7286), (487, 7304), (500, 7328), (521, 7367), (563, 7448), (570, 7472), (571, 7475), (572, 7478), (581, 7487), (624, 7574),

Gene: Gwennie1_49 Start: 41763, Stop: 43118, Start Num: 89

Candidate Starts for Gwennie1_49:

(Start: 89 @41763 has 280 MA's), (Start: 105 @41814 has 11 MA's), (119, 41847), (185, 41976), (186, 41979), (194, 41994), (249, 42090), (273, 42129), (287, 42159), (300, 42195), (354, 42306), (365, 42336), (367, 42339), (397, 42405), (457, 42564), (477, 42612), (481, 42630), (504, 42678), (566, 42822), (588, 42882), (628, 42987), (671, 43074),

Gene: Gwennie_11 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for Gwennie_11:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Gwilliam_49 Start: 41703, Stop: 43058, Start Num: 89

Candidate Starts for Gwilliam_49:

(Start: 89 @41703 has 280 MA's), (Start: 105 @41754 has 11 MA's), (119, 41787), (128, 41805), (185, 41916), (186, 41919), (194, 41934), (249, 42030), (273, 42069), (287, 42099), (300, 42135), (354, 42246), (365, 42276), (367, 42279), (397, 42345), (457, 42504), (477, 42552), (481, 42570), (504, 42618), (566, 42762), (588, 42822), (628, 42927), (651, 42981), (671, 43014),

Gene: Gyarad_0049 Start: 41717, Stop: 43072, Start Num: 89

Candidate Starts for Gyarad_0049:

(Start: 89 @41717 has 280 MA's), (Start: 105 @41768 has 11 MA's), (119, 41801), (185, 41930), (186, 41933), (194, 41948), (249, 42044), (273, 42083), (287, 42113), (300, 42149), (354, 42260), (365, 42290), (367, 42293), (397, 42359), (457, 42518), (477, 42566), (481, 42584), (504, 42632), (566, 42776), (588, 42836), (628, 42941), (671, 43028),

Gene: Gyzlar_11 Start: 6460, Stop: 7428, Start Num: 175

Candidate Starts for Gyzlar_11:

(Start: 175 @6460 has 331 MA's), (Start: 191 @6493 has 6 MA's), (Start: 202 @6511 has 32 MA's), (Start: 203 @6514 has 2 MA's), (366, 6781), (389, 6832), (396, 6844), (430, 6919), (455, 6982), (461, 6994), (468, 7015), (474, 7027), (479, 7045), (487, 7063), (500, 7087), (521, 7126), (563, 7207), (570, 7231), (571, 7234), (572, 7237), (581, 7246), (624, 7333), (644, 7378), (663, 7420),

Gene: HC_28 Start: 24164, Stop: 25342, Start Num: 106

Candidate Starts for HC_28:

(Start: 106 @24164 has 2 MA's), (127, 24206), (178, 24311), (207, 24365), (249, 24440), (264, 24461), (300, 24545), (327, 24584), (354, 24650), (365, 24680), (379, 24701), (397, 24746), (434, 24842), (447, 24881), (461, 24896), (477, 24935), (517, 25022), (524, 25040), (531, 25046), (571, 25094), (588, 25115), (621, 25187), (651, 25262), (674, 25304), (677, 25325), (679, 25331),

Gene: HH92_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for HH92_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: HINdeR_10 Start: 7162, Stop: 8142, Start Num: 175

Candidate Starts for HINdeR_10:

(Start: 175 @7162 has 331 MA's), (Start: 203 @7216 has 2 MA's), (241, 7270), (261, 7303), (282, 7339), (344, 7438), (389, 7543), (430, 7615), (440, 7642), (452, 7672), (479, 7741), (513, 7804), (552, 7882), (559, 7909), (565, 7924), (571, 7945), (596, 7993), (620, 8035), (645, 8101),

Gene: HSavage_49 Start: 41709, Stop: 43064, Start Num: 89

Candidate Starts for HSavage_49:

(Start: 89 @41709 has 280 MA's), (Start: 105 @41760 has 11 MA's), (119, 41793), (128, 41811), (185, 41922), (186, 41925), (194, 41940), (249, 42036), (273, 42075), (287, 42105), (300, 42141), (354, 42252), (365, 42282), (367, 42285), (397, 42351), (457, 42510), (477, 42558), (481, 42576), (504, 42624), (566, 42768), (588, 42828), (628, 42933), (651, 42987), (671, 43020),

Gene: HUHilltop_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for HUHilltop_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Hades_32 Start: 27853, Stop: 28854, Start Num: 164

Candidate Starts for Hades_32:

(33, 27232), (40, 27310), (44, 27373), (52, 27412), (64, 27544), (70, 27565), (79, 27601), (119, 27754), (150, 27826), (Start: 164 @27853 has 214 MA's), (Start: 203 @27928 has 2 MA's), (222, 27961), (243, 27991), (254, 28012), (Start: 297 @28096 has 1 MA's), (Start: 313 @28120 has 1 MA's), (331, 28135), (339, 28147), (389, 28258), (440, 28372), (446, 28390), (464, 28429), (474, 28453), (487, 28489), (502, 28516), (521, 28555), (552, 28603), (570, 28663), (603, 28723), (630, 28780), (644, 28810),

Gene: Hadrien_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Hadrien_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278,

28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Hafay_28 Start: 26336, Stop: 27307, Start Num: 112

Candidate Starts for Hafay_28:

(Start: 112 @26336 has 24 MA's), (134, 26390), (192, 26510), (211, 26540), (219, 26555), (Start: 238 @26588 has 1 MA's), (240, 26591), (244, 26600), (255, 26621), (288, 26684), (307, 26711), (319, 26735), (338, 26765), (365, 26816), (374, 26828), (402, 26891), (407, 26906), (431, 26966), (437, 26981), (478, 27062), (488, 27080), (489, 27083), (491, 27086), (597, 27137), (625, 27182), (644, 27224), (664, 27266),

Gene: Hail_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Hail_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Haimas_49 Start: 41703, Stop: 43058, Start Num: 89

Candidate Starts for Haimas_49:

(Start: 89 @41703 has 280 MA's), (Start: 105 @41754 has 11 MA's), (119, 41787), (186, 41919), (194, 41934), (249, 42030), (273, 42069), (287, 42099), (300, 42135), (354, 42246), (365, 42276), (367, 42279), (397, 42345), (457, 42504), (477, 42552), (481, 42570), (504, 42618), (566, 42762), (588, 42822), (628, 42927), (671, 43014),

Gene: Haleema_48 Start: 41417, Stop: 42772, Start Num: 89

Candidate Starts for Haleema_48:

(Start: 89 @41417 has 280 MA's), (Start: 105 @41468 has 11 MA's), (119, 41501), (185, 41630), (186, 41633), (194, 41648), (249, 41744), (273, 41783), (287, 41813), (300, 41849), (354, 41960), (365, 41990), (367, 41993), (397, 42059), (457, 42218), (477, 42266), (481, 42284), (504, 42332), (566, 42476), (588, 42536), (628, 42641), (671, 42728),

Gene: Halena_26 Start: 25558, Stop: 26589, Start Num: 169

Candidate Starts for Halena_26:

(Start: 169 @25558 has 29 MA's), (263, 25711), (265, 25714), (277, 25738), (284, 25750), (293, 25768), (Start: 297 @25786 has 1 MA's), (304, 25804), (309, 25810), (316, 25819), (333, 25849), (362, 25921), (389, 25978), (408, 26017), (441, 26095), (444, 26104), (445, 26107), (452, 26122), (472, 26176), (479, 26197), (485, 26212), (537, 26296), (548, 26326), (571, 26395), (581, 26407), (593, 26431), (599, 26449), (602, 26452), (611, 26464), (613, 26467), (625, 26497), (630, 26509),

Gene: Halfpint_46 Start: 41352, Stop: 42416, Start Num: 151

Candidate Starts for Halfpint_46:

(Start: 151 @41352 has 50 MA's), (184, 41415), (236, 41496), (271, 41562), (279, 41577), (288, 41589), (298, 41616), (343, 41673), (346, 41682), (413, 41829), (419, 41844), (439, 41898), (452, 41931), (467, 41970), (475, 41982), (518, 42063), (533, 42081), (535, 42084), (552, 42129), (596, 42240), (649, 42351), (658, 42372), (673, 42405),

Gene: Halldule_244 Start: 142854, Stop: 143882, Start Num: 158

Candidate Starts for Halldule_244:

(Start: 158 @142854 has 220 MA's), (Start: 175 @142884 has 331 MA's), (182, 142896), (Start: 203 @142938 has 2 MA's), (243, 143001), (254, 143022), (Start: 297 @143106 has 1 MA's), (331, 143148), (339, 143160), (346, 143175), (378, 143244), (389, 143271), (414, 143325), (427, 143370), (428, 143373), (460, 143451), (468, 143472), (521, 143583), (565, 143673), (570, 143691), (611, 143763), (625, 143796),

Gene: Halley_49 Start: 42575, Stop: 43447, Start Num: 202

Candidate Starts for Halley_49:

(Start: 202 @42575 has 32 MA's), (Start: 218 @42602 has 1 MA's), (251, 42662), (278, 42710), (308, 42776), (327, 42797), (342, 42818), (364, 42872), (400, 42953), (522, 43232), (524, 43235), (545, 43259), (579, 43295), (590, 43310), (593, 43322), (601, 43343),

Gene: Halo_28 Start: 25196, Stop: 26404, Start Num: 96

Candidate Starts for Halo_28:

(72, 25103), (Start: 96 @25196 has 92 MA's), (168, 25370), (211, 25442), (273, 25541), (278, 25550), (285, 25562), (288, 25574), (293, 25583), (300, 25607), (310, 25628), (327, 25655), (334, 25667), (361, 25739), (381, 25778), (461, 25967), (470, 25991), (477, 26006), (483, 26027), (504, 26072), (506, 26075), (541, 26126),

Gene: HamSlice_9 Start: 5885, Stop: 6862, Start Num: 179

Candidate Starts for HamSlice_9:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Hami1_11 Start: 6230, Stop: 7198, Start Num: 175

Candidate Starts for Hami1_11:

(Start: 175 @6230 has 331 MA's), (Start: 191 @6263 has 6 MA's), (Start: 202 @6281 has 32 MA's), (Start: 203 @6284 has 2 MA's), (366, 6551), (389, 6602), (396, 6614), (430, 6689), (455, 6752), (461, 6764), (468, 6785), (474, 6797), (479, 6815), (487, 6833), (521, 6896), (563, 6977), (570, 7001), (571, 7004), (572, 7007), (581, 7016), (583, 7019), (644, 7148), (663, 7190),

Gene: Hamish_49 Start: 41695, Stop: 43050, Start Num: 89

Candidate Starts for Hamish_49:

(Start: 89 @41695 has 280 MA's), (Start: 105 @41746 has 11 MA's), (119, 41779), (186, 41911), (194, 41926), (249, 42022), (273, 42061), (287, 42091), (300, 42127), (354, 42238), (365, 42268), (367, 42271), (397, 42337), (457, 42496), (477, 42544), (481, 42562), (504, 42610), (566, 42754), (588, 42814), (628, 42919), (671, 43006),

Gene: Hammy_30 Start: 26882, Stop: 27622, Start Num: 227

Candidate Starts for Hammy_30:

(81, 26537), (165, 26783), (176, 26804), (196, 26837), (Start: 209 @26858 has 127 MA's), (Start: 227 @26882 has 136 MA's), (Start: 238 @26894 has 1 MA's), (251, 26921), (255, 26927), (300, 27011), (307, 27020), (314, 27032), (332, 27065), (346, 27098), (397, 27206), (407, 27233), (465, 27341), (478, 27368), (489, 27389), (499, 27413), (591, 27425), (593, 27434), (625, 27491), (630, 27503), (674, 27602),

Gene: Hamulus_32 Start: 28436, Stop: 29479, Start Num: 179

Candidate Starts for Hamulus_32:

(138, 28358), (Start: 164 @28409 has 214 MA's), (Start: 175 @28430 has 331 MA's), (Start: 179 @28436 has 14 MA's), (Start: 191 @28463 has 6 MA's), (197, 28472), (236, 28532), (248, 28559), (288, 28625), (316, 28679), (346, 28721), (366, 28772), (403, 28856), (413, 28886), (423, 28919), (445, 28994), (454, 29015), (518, 29144), (552, 29216), (592, 29312), (596, 29324), (630, 29393),

(654, 29450), (660, 29459),

Gene: HanKaySha_36 Start: 31600, Stop: 32457, Start Num: 209

Candidate Starts for HanKaySha_36:

(Start: 209 @31600 has 127 MA's), (229, 31639), (244, 31669), (255, 31690), (274, 31726), (288, 31756), (327, 31831), (352, 31879), (355, 31882), (365, 31906), (367, 31909), (378, 31924), (443, 32095), (494, 32209), (501, 32224), (504, 32230), (582, 32272), (584, 32275), (612, 32329), (646, 32407), (662, 32440),

Gene: HanShotFirst_10 Start: 5623, Stop: 6591, Start Num: 175

Candidate Starts for HanShotFirst_10:

(Start: 175 @5623 has 331 MA's), (Start: 191 @5656 has 6 MA's), (Start: 202 @5674 has 32 MA's), (Start: 203 @5677 has 2 MA's), (366, 5944), (389, 5995), (396, 6007), (430, 6082), (468, 6178), (474, 6190), (479, 6208), (487, 6226), (500, 6250), (521, 6289), (563, 6370), (570, 6394), (571, 6397), (572, 6400), (581, 6409), (624, 6496), (644, 6541), (663, 6583),

Gene: Hannaconda_45 Start: 37054, Stop: 37926, Start Num: 202

Candidate Starts for Hannaconda_45:

(121, 36883), (Start: 202 @37054 has 32 MA's), (Start: 218 @37081 has 1 MA's), (251, 37141), (285, 37198), (288, 37210), (308, 37255), (327, 37276), (342, 37297), (364, 37351), (400, 37432), (453, 37573), (522, 37711), (524, 37714), (545, 37738), (579, 37774), (590, 37789), (593, 37801), (601, 37822),

Gene: Happabalu_49 Start: 41424, Stop: 42779, Start Num: 89

Candidate Starts for Happabalu_49:

(Start: 89 @41424 has 280 MA's), (Start: 105 @41475 has 11 MA's), (119, 41508), (186, 41640), (194, 41655), (249, 41751), (273, 41790), (287, 41820), (300, 41856), (354, 41967), (365, 41997), (367, 42000), (397, 42066), (457, 42225), (477, 42273), (481, 42291), (504, 42339), (566, 42483), (588, 42543), (628, 42648), (651, 42702), (671, 42735),

Gene: Happiness_10 Start: 5886, Stop: 6866, Start Num: 177

Candidate Starts for Happiness_10:

(Start: 177 @5886 has 116 MA's), (Start: 179 @5889 has 14 MA's), (190, 5913), (Start: 202 @5934 has 32 MA's), (Start: 203 @5937 has 2 MA's), (362, 6186), (389, 6243), (432, 6327), (439, 6348), (450, 6375), (469, 6405), (479, 6432), (550, 6582), (594, 6693), (598, 6705), (607, 6717), (639, 6783),

Gene: Harella_34 Start: 31970, Stop: 32827, Start Num: 209

Candidate Starts for Harella_34:

(Start: 209 @31970 has 127 MA's), (229, 32009), (244, 32039), (255, 32060), (274, 32096), (288, 32126), (327, 32201), (352, 32249), (355, 32252), (365, 32276), (367, 32279), (378, 32294), (443, 32465), (494, 32579), (501, 32594), (504, 32600), (582, 32642), (584, 32645), (612, 32699), (646, 32777), (662, 32810),

Gene: Harley_31 Start: 27457, Stop: 28458, Start Num: 164

Candidate Starts for Harley_31:

(119, 27358), (Start: 164 @27457 has 214 MA's), (Start: 175 @27478 has 331 MA's), (182, 27490), (Start: 203 @27532 has 2 MA's), (222, 27565), (243, 27595), (254, 27616), (Start: 297 @27700 has 1 MA's), (Start: 313 @27724 has 1 MA's), (331, 27739), (339, 27751), (389, 27862), (440, 27976), (446, 27994), (464, 28033), (474, 28057), (487, 28093), (502, 28120), (521, 28159), (552, 28207), (570, 28267), (596, 28315), (603, 28327), (625, 28372), (630, 28384), (644, 28414),

Gene: HarryHoudini_13 Start: 6940, Stop: 7917, Start Num: 175

Candidate Starts for HarryHoudini_13:

(Start: 175 @6940 has 331 MA's), (Start: 203 @6994 has 2 MA's), (250, 7051), (344, 7183), (362, 7231), (389, 7288), (407, 7324), (430, 7372), (444, 7411), (475, 7483), (479, 7498), (502, 7543), (513, 7561), (540, 7603), (552, 7651), (559, 7678), (565, 7693), (570, 7711), (571, 7714), (620, 7804),

Gene: HarryOW_11 Start: 6325, Stop: 7287, Start Num: 175

Candidate Starts for HarryOW_11:

(Start: 175 @6325 has 331 MA's), (Start: 191 @6358 has 6 MA's), (Start: 202 @6376 has 32 MA's), (Start: 203 @6379 has 2 MA's), (339, 6580), (366, 6646), (389, 6691), (432, 6781), (464, 6862), (468, 6874), (474, 6886), (479, 6904), (487, 6922), (500, 6946), (521, 6985), (563, 7066), (570, 7090), (571, 7093), (572, 7096), (581, 7105), (624, 7192), (663, 7279),

Gene: Hartsy_49 Start: 41746, Stop: 43101, Start Num: 89

Candidate Starts for Hartsy_49:

(Start: 89 @41746 has 280 MA's), (Start: 105 @41797 has 11 MA's), (119, 41830), (185, 41959), (186, 41962), (194, 41977), (249, 42073), (273, 42112), (287, 42142), (300, 42178), (354, 42289), (365, 42319), (367, 42322), (397, 42388), (457, 42547), (477, 42595), (481, 42613), (504, 42661), (566, 42805), (588, 42865), (628, 42970), (671, 43057),

Gene: Harvey_49 Start: 41733, Stop: 43088, Start Num: 89

Candidate Starts for Harvey_49:

(Start: 89 @41733 has 280 MA's), (Start: 105 @41784 has 11 MA's), (119, 41817), (185, 41946), (186, 41949), (194, 41964), (249, 42060), (273, 42099), (287, 42129), (300, 42165), (341, 42240), (354, 42276), (365, 42306), (367, 42309), (397, 42375), (457, 42534), (477, 42582), (481, 42600), (504, 42648), (566, 42792), (588, 42852), (628, 42957), (671, 43044),

Gene: HarveySr_47 Start: 41520, Stop: 42584, Start Num: 151

Candidate Starts for HarveySr_47:

(Start: 151 @41520 has 50 MA's), (184, 41583), (236, 41664), (271, 41730), (279, 41745), (288, 41757), (298, 41784), (343, 41841), (346, 41850), (413, 41997), (419, 42012), (439, 42066), (452, 42099), (467, 42138), (475, 42150), (518, 42231), (533, 42249), (535, 42252), (552, 42297), (596, 42408), (649, 42519), (658, 42540), (673, 42573),

Gene: HashRod_13 Start: 6046, Stop: 7011, Start Num: 166

Candidate Starts for HashRod_13:

(Start: 166 @6046 has 96 MA's), (Start: 191 @6091 has 6 MA's), (Start: 203 @6112 has 2 MA's), (280, 6232), (362, 6370), (389, 6427), (398, 6442), (439, 6523), (444, 6538), (452, 6556), (474, 6607), (479, 6625), (502, 6670), (552, 6766), (571, 6829), (593, 6868), (620, 6919),

Gene: Hashim76_51 Start: 41795, Stop: 42796, Start Num: 177

Candidate Starts for Hashim76_51:

(Start: 177 @41795 has 116 MA's), (190, 41822), (Start: 203 @41846 has 2 MA's), (293, 41987), (388, 42152), (389, 42158), (420, 42221), (432, 42242), (468, 42323), (469, 42326), (479, 42353), (512, 42413), (532, 42449), (555, 42524), (556, 42527), (573, 42581), (607, 42638), (612, 42647), (668, 42770),

Gene: HaveUMetTed_13 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for HaveUMetTed_13:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: Heathcliff_47 Start: 41498, Stop: 42562, Start Num: 151

Candidate Starts for Heathcliff_47:

(Start: 151 @41498 has 50 MA's), (184, 41561), (236, 41642), (271, 41708), (279, 41723), (288, 41735), (298, 41762), (343, 41819), (346, 41828), (413, 41975), (419, 41990), (439, 42044), (452, 42077), (467, 42116), (475, 42128), (518, 42209), (533, 42227), (535, 42230), (552, 42275), (596, 42386), (649, 42497), (658, 42518), (673, 42551),

Gene: Heathen_10 Start: 5538, Stop: 6278, Start Num: 315

Candidate Starts for Heathen_10:

(Start: 315 @5538 has 18 MA's), (362, 5625), (389, 5682), (396, 5694), (398, 5697), (408, 5721), (414, 5736), (427, 5754), (439, 5784), (441, 5790), (452, 5817), (479, 5886), (518, 5958), (546, 6000), (552, 6027), (559, 6054), (570, 6087), (571, 6090), (593, 6129), (666, 6270),

Gene: HedwigODU_31 Start: 26463, Stop: 27335, Start Num: 227

Candidate Starts for HedwigODU_31:

(Start: 209 @26436 has 127 MA's), (Start: 227 @26463 has 136 MA's), (Start: 238 @26475 has 1 MA's), (275, 26544), (288, 26571), (300, 26601), (307, 26610), (327, 26646), (332, 26655), (346, 26688), (352, 26706), (367, 26736), (395, 26793), (397, 26796), (465, 26931), (478, 26958), (489, 26979), (499, 27003), (539, 27054), (596, 27156), (621, 27192), (630, 27216), (674, 27315), (676, 27324),

Gene: Heffalump_13 Start: 8247, Stop: 9230, Start Num: 175

Candidate Starts for Heffalump_13:

(143, 8205), (Start: 175 @8247 has 331 MA's), (190, 8277), (Start: 191 @8280 has 6 MA's), (Start: 202 @8298 has 32 MA's), (Start: 203 @8301 has 2 MA's), (356, 8538), (362, 8550), (389, 8607), (396, 8619), (428, 8685), (479, 8796), (550, 8943), (587, 9036), (607, 9078), (639, 9150), (661, 9204),

Gene: Heftyboy_30 Start: 27195, Stop: 28064, Start Num: 227

Candidate Starts for Heftyboy_30:

(165, 27093), (196, 27147), (Start: 227 @27195 has 136 MA's), (Start: 238 @27207 has 1 MA's), (242, 27213), (255, 27240), (272, 27270), (275, 27276), (300, 27330), (307, 27339), (314, 27351), (332, 27384), (346, 27417), (367, 27465), (392, 27513), (433, 27597), (478, 27687), (488, 27705), (489, 27708), (527, 27771), (539, 27786), (559, 27810), (596, 27882), (621, 27918), (622, 27921), (630, 27942), (651, 27999), (671, 28035), (674, 28044), (676, 28053),

Gene: Hegedechwinu_32 Start: 27550, Stop: 28551, Start Num: 164

Candidate Starts for Hegedechwinu_32:

(Start: 164 @27550 has 214 MA's), (Start: 203 @27625 has 2 MA's), (222, 27658), (243, 27688), (254, 27709), (Start: 297 @27793 has 1 MA's), (339, 27844), (346, 27859), (389, 27955), (439, 28066), (446, 28087), (464, 28126), (468, 28138), (487, 28186), (502, 28213), (516, 28237), (521, 28252), (570, 28360), (596, 28408), (630, 28477), (644, 28507),

Gene: HelDan_10 Start: 5790, Stop: 6530, Start Num: 315

Candidate Starts for HelDan_10:

(Start: 315 @5790 has 18 MA's), (362, 5877), (389, 5934), (396, 5946), (398, 5949), (408, 5973), (414, 5988), (427, 6006), (439, 6036), (441, 6042), (452, 6069), (479, 6138), (518, 6210), (546, 6252), (552, 6279), (559, 6306), (570, 6339), (571, 6342), (593, 6381), (666, 6522),

Gene: Held_49 Start: 41422, Stop: 42777, Start Num: 89

Candidate Starts for Held_49:

(Start: 89 @41422 has 280 MA's), (Start: 105 @41473 has 11 MA's), (119, 41506), (185, 41635), (186, 41638), (194, 41653), (249, 41749), (273, 41788), (287, 41818), (300, 41854), (354, 41965), (365, 41995), (367, 41998), (397, 42064), (457, 42223), (477, 42271), (481, 42289), (504, 42337), (566, 42481), (588, 42541), (628, 42646), (671, 42733),

Gene: Heliosoles_12 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Heliosoles_12:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: Henry_36 Start: 31858, Stop: 32715, Start Num: 209

Candidate Starts for Henry_36:

(Start: 209 @31858 has 127 MA's), (229, 31897), (244, 31927), (255, 31948), (274, 31984), (288, 32014), (327, 32089), (352, 32137), (355, 32140), (365, 32164), (367, 32167), (378, 32182), (443, 32353), (494, 32467), (501, 32482), (504, 32488), (582, 32530), (584, 32533), (612, 32587), (646, 32665), (662, 32698),

Gene: HenryJackson_48 Start: 41417, Stop: 42772, Start Num: 89

Candidate Starts for HenryJackson_48:

(Start: 89 @41417 has 280 MA's), (Start: 105 @41468 has 11 MA's), (119, 41501), (185, 41630), (186, 41633), (194, 41648), (249, 41744), (273, 41783), (287, 41813), (300, 41849), (354, 41960), (365, 41990), (367, 41993), (397, 42059), (457, 42218), (477, 42266), (481, 42284), (504, 42332), (566, 42476), (588, 42536), (628, 42641), (671, 42728),

Gene: Hercules11_12 Start: 5969, Stop: 6934, Start Num: 166

Candidate Starts for Hercules11_12:

(Start: 166 @5969 has 96 MA's), (Start: 191 @6014 has 6 MA's), (Start: 203 @6035 has 2 MA's), (280, 6155), (389, 6350), (398, 6365), (439, 6446), (444, 6461), (452, 6479), (474, 6530), (479, 6548), (502, 6593), (552, 6689), (571, 6752), (593, 6791), (620, 6842),

Gene: Hermia_12 Start: 6769, Stop: 7731, Start Num: 175

Candidate Starts for Hermia_12:

(Start: 175 @6769 has 331 MA's), (Start: 191 @6802 has 6 MA's), (Start: 202 @6820 has 32 MA's), (Start: 203 @6823 has 2 MA's), (366, 7090), (389, 7135), (432, 7225), (464, 7306), (468, 7318), (474, 7330), (479, 7348), (487, 7366), (500, 7390), (521, 7429), (563, 7510), (570, 7534), (571, 7537), (572, 7540), (581, 7549), (624, 7636), (644, 7681), (663, 7723),

Gene: HermioneGrange_11 Start: 5732, Stop: 6700, Start Num: 175

Candidate Starts for HermioneGrange_11:

(Start: 175 @5732 has 331 MA's), (Start: 191 @5765 has 6 MA's), (Start: 202 @5783 has 32 MA's), (Start: 203 @5786 has 2 MA's), (366, 6053), (378, 6071), (389, 6104), (396, 6116), (430, 6191), (455, 6254), (461, 6266), (468, 6287), (474, 6299), (479, 6317), (487, 6335), (500, 6359), (521, 6398), (563, 6479), (570, 6503), (571, 6506), (572, 6509), (581, 6518), (624, 6605), (663, 6692),

Gene: Hertubise_49 Start: 41717, Stop: 43072, Start Num: 89

Candidate Starts for Hertubise_49:

(Start: 89 @41717 has 280 MA's), (Start: 105 @41768 has 11 MA's), (119, 41801), (185, 41930), (186, 41933), (194, 41948), (249, 42044), (273, 42083), (287, 42113), (300, 42149), (354, 42260), (365, 42290), (367, 42293), (397, 42359), (457, 42518), (477, 42566), (481, 42584), (504, 42632), (566, 42776), (588, 42836), (628, 42941), (651, 42995), (671, 43028),

Gene: Hetaeria_49 Start: 41734, Stop: 43089, Start Num: 89

Candidate Starts for Hetaeria_49:

(Start: 89 @41734 has 280 MA's), (Start: 105 @41785 has 11 MA's), (119, 41818), (185, 41947), (186, 41950), (194, 41965), (249, 42061), (273, 42100), (287, 42130), (300, 42166), (354, 42277), (365, 42307), (367, 42310), (397, 42376), (457, 42535), (477, 42583), (481, 42601), (504, 42649), (566, 42793), (588, 42853), (628, 42958), (671, 43045),

Gene: Hidrated_49 Start: 42201, Stop: 43205, Start Num: 103

Candidate Starts for Hidrated_49:

(Start: 103 @42201 has 9 MA's), (130, 42255), (Start: 158 @42306 has 220 MA's), (193, 42375), (196, 42378), (221, 42420), (300, 42558), (307, 42567), (332, 42612), (365, 42681), (380, 42705), (382, 42708), (401, 42753), (407, 42771), (478, 42933), (486, 42948), (490, 42957), (671, 43158),

Gene: HighStump_49 Start: 41544, Stop: 42899, Start Num: 89

Candidate Starts for HighStump_49:

(Start: 89 @41544 has 280 MA's), (Start: 105 @41595 has 11 MA's), (119, 41628), (185, 41757), (186, 41760), (194, 41775), (249, 41871), (273, 41910), (287, 41940), (300, 41976), (354, 42087), (365, 42117), (367, 42120), (397, 42186), (457, 42345), (477, 42393), (481, 42411), (504, 42459), (566, 42603), (588, 42663), (628, 42768), (671, 42855),

Gene: Highbury_36 Start: 31516, Stop: 32373, Start Num: 209

Candidate Starts for Highbury_36:

(Start: 209 @31516 has 127 MA's), (229, 31555), (244, 31585), (255, 31606), (274, 31642), (288, 31672), (327, 31747), (352, 31795), (355, 31798), (365, 31822), (367, 31825), (378, 31840), (443, 32011), (494, 32125), (501, 32140), (504, 32146), (582, 32188), (584, 32191), (612, 32245), (646, 32323), (662, 32356),

Gene: Hilltopfarm_32 Start: 29119, Stop: 30342, Start Num: 96

Candidate Starts for Hilltopfarm_32:

(Start: 96 @29119 has 92 MA's), (101, 29143), (128, 29215), (141, 29239), (148, 29257), (153, 29266), (168, 29299), (184, 29329), (249, 29434), (273, 29473), (278, 29482), (288, 29506), (300, 29539), (327, 29587), (334, 29599), (361, 29671), (387, 29728), (421, 29815), (461, 29902), (465, 29914), (477, 29941), (481, 29959), (483, 29962), (488, 29971), (541, 30061), (614, 30166), (649, 30253), (651, 30262),

Gene: HippoHollow_12 Start: 8193, Stop: 9170, Start Num: 175

Candidate Starts for HippoHollow_12:

(Start: 175 @8193 has 331 MA's), (Start: 203 @8247 has 2 MA's), (344, 8436), (362, 8484), (389, 8541), (407, 8577), (430, 8625), (444, 8664), (475, 8736), (479, 8751), (513, 8814), (540, 8856), (552, 8904), (559, 8931), (565, 8946), (570, 8964), (571, 8967), (592, 9003), (620, 9057),

Gene: Hlubikazi_32 Start: 28332, Stop: 29348, Start Num: 164

Candidate Starts for Hlubikazi_32:

(64, 28014), (65, 28020), (68, 28032), (Start: 71 @28044 has 1 MA's), (74, 28056), (Start: 164 @28332 has 214 MA's), (232, 28464), (243, 28485), (254, 28506), (271, 28536), (278, 28548), (Start: 297 @28590 has 1 MA's), (Start: 313 @28614 has 1 MA's), (331, 28629), (339, 28641), (346, 28656), (389, 28752), (439, 28863), (446, 28884), (464, 28923), (468, 28935), (487, 28983), (502, 29010), (516, 29034), (521, 29049), (570, 29157), (596, 29205), (630, 29274), (644, 29304),

Gene: Hocus_48 Start: 41406, Stop: 42761, Start Num: 89

Candidate Starts for Hocus_48:

(Start: 89 @41406 has 280 MA's), (Start: 105 @41457 has 11 MA's), (119, 41490), (185, 41619), (186, 41622), (194, 41637), (249, 41733), (273, 41772), (287, 41802), (300, 41838), (354, 41949), (365, 41979), (367, 41982), (397, 42048), (457, 42207), (477, 42255), (481, 42273), (504, 42321), (566, 42465), (588, 42525), (628, 42630), (671, 42717),

Gene: HogWash_49 Start: 41715, Stop: 43070, Start Num: 89

Candidate Starts for HogWash_49:

(Start: 89 @41715 has 280 MA's), (Start: 105 @41766 has 11 MA's), (119, 41799), (186, 41931), (194, 41946), (249, 42042), (273, 42081), (287, 42111), (300, 42147), (354, 42258), (365, 42288), (367, 42291), (397, 42357), (457, 42516), (477, 42564), (481, 42582), (504, 42630), (566, 42774), (588, 42834), (628, 42939), (651, 42993), (671, 43026),

Gene: HokkenD_42 Start: 40844, Stop: 41716, Start Num: 202

Candidate Starts for HokkenD_42:

(Start: 202 @40844 has 32 MA's), (Start: 218 @40871 has 1 MA's), (251, 40931), (278, 40979), (308, 41045), (327, 41066), (342, 41087), (364, 41141), (400, 41222), (522, 41501), (524, 41504), (545, 41528), (579, 41564), (590, 41579), (593, 41591), (601, 41612),

Gene: Holli_10 Start: 5677, Stop: 6654, Start Num: 179

Candidate Starts for Holli_10:

(Start: 177 @5674 has 116 MA's), (Start: 179 @5677 has 14 MA's), (190, 5701), (Start: 202 @5722 has 32 MA's), (Start: 203 @5725 has 2 MA's), (362, 5974), (389, 6031), (432, 6115), (439, 6136), (450, 6163), (479, 6220), (550, 6370), (594, 6481), (598, 6493), (607, 6505), (639, 6571),

Gene: Holt_36 Start: 31135, Stop: 31992, Start Num: 209

Candidate Starts for Holt_36:

(Start: 209 @31135 has 127 MA's), (229, 31174), (244, 31204), (255, 31225), (274, 31261), (288, 31291), (327, 31366), (352, 31414), (355, 31417), (365, 31441), (367, 31444), (378, 31459), (443, 31630), (494, 31744), (501, 31759), (504, 31765), (582, 31807), (584, 31810), (612, 31864), (646, 31942), (662, 31975),

Gene: Homines_10 Start: 6038, Stop: 7006, Start Num: 175

Candidate Starts for Homines_10:

(Start: 175 @6038 has 331 MA's), (Start: 191 @6071 has 6 MA's), (Start: 202 @6089 has 32 MA's), (Start: 203 @6092 has 2 MA's), (366, 6359), (389, 6410), (396, 6422), (430, 6497), (455, 6560), (461, 6572), (468, 6593), (474, 6605), (479, 6623), (487, 6641), (500, 6665), (521, 6704), (563, 6785), (570, 6809), (571, 6812), (572, 6815), (581, 6824), (624, 6911), (663, 6998),

Gene: Homura_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Homura_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Hookmount_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Hookmount_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Hoonter_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for Hoonter_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443, 32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: Hope_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Hope_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Hope4ever_10 Start: 6140, Stop: 7108, Start Num: 175

Candidate Starts for Hope4ever_10:

(Start: 175 @6140 has 331 MA's), (Start: 191 @6173 has 6 MA's), (Start: 202 @6191 has 32 MA's), (Start: 203 @6194 has 2 MA's), (366, 6461), (389, 6512), (396, 6524), (430, 6599), (455, 6662), (461, 6674), (468, 6695), (474, 6707), (479, 6725), (487, 6743), (500, 6767), (521, 6806), (563, 6887), (570, 6911), (571, 6914), (572, 6917), (581, 6926), (583, 6929), (644, 7058), (663, 7100),

Gene: Hokey_37 Start: 32135, Stop: 32992, Start Num: 209

Candidate Starts for Hokey_37:

(Start: 209 @32135 has 127 MA's), (229, 32174), (244, 32204), (255, 32225), (274, 32261), (288, 32291), (327, 32366), (352, 32414), (355, 32417), (365, 32441), (367, 32444), (378, 32459), (443, 32630), (494, 32744), (501, 32759), (504, 32765), (582, 32807), (584, 32810), (612, 32864), (646, 32942), (662, 32975),

Gene: Horchata_49 Start: 41709, Stop: 43064, Start Num: 89

Candidate Starts for Horchata_49:

(Start: 89 @41709 has 280 MA's), (Start: 105 @41760 has 11 MA's), (119, 41793), (185, 41922), (186, 41925), (194, 41940), (249, 42036), (273, 42075), (287, 42105), (300, 42141), (354, 42252), (365, 42282), (367, 42285), (397, 42351), (457, 42510), (477, 42558), (481, 42576), (504, 42624), (566, 42768), (588, 42828), (628, 42933), (671, 43020),

Gene: Hosp_040 Start: 38571, Stop: 39566, Start Num: 175

Candidate Starts for Hosp_040:

(Start: 175 @38571 has 331 MA's), (190, 38601), (Start: 202 @38622 has 32 MA's), (Start: 203 @38625 has 2 MA's), (261, 38712), (293, 38760), (309, 38793), (356, 38862), (388, 38925), (389, 38931), (407, 38967), (432, 39015), (479, 39126), (525, 39213), (528, 39216), (550, 39276), (553, 39288), (556, 39300), (558, 39306), (607, 39411), (668, 39543),

Gene: Hotshotbaby7_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Hotshotbaby7_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: Houdini22_10 Start: 5885, Stop: 6865, Start Num: 177

Candidate Starts for Houdini22_10:

(Start: 177 @5885 has 116 MA's), (Start: 179 @5888 has 14 MA's), (190, 5912), (Start: 202 @5933 has 32 MA's), (Start: 203 @5936 has 2 MA's), (362, 6185), (389, 6242), (432, 6326), (439, 6347), (450, 6374), (469, 6404), (479, 6431), (550, 6581), (594, 6692), (598, 6704), (607, 6716), (639, 6782),

Gene: HuffyPuff_34 Start: 31842, Stop: 32699, Start Num: 209

Candidate Starts for HuffyPuff_34:

(Start: 209 @31842 has 127 MA's), (229, 31881), (244, 31911), (255, 31932), (274, 31968), (288, 31998), (327, 32073), (352, 32121), (355, 32124), (365, 32148), (367, 32151), (378, 32166), (443, 32337), (488, 32436), (494, 32451), (501, 32466), (504, 32472), (582, 32514), (584, 32517), (612, 32571), (646, 32649), (662, 32682),

Gene: Hughesyang_47 Start: 42504, Stop: 43376, Start Num: 202

Candidate Starts for Hughesyang_47:

(Start: 202 @42504 has 32 MA's), (Start: 218 @42531 has 1 MA's), (251, 42591), (278, 42639), (308, 42705), (327, 42726), (342, 42747), (364, 42801), (400, 42882), (522, 43161), (524, 43164), (545, 43188), (579, 43224), (590, 43239), (593, 43251), (601, 43272),

Gene: Hurricane_32 Start: 27396, Stop: 28184, Start Num: 227

Candidate Starts for Hurricane_32:

(59, 26904), (87, 27066), (180, 27318), (196, 27351), (Start: 227 @27396 has 136 MA's), (255, 27441), (275, 27477), (300, 27534), (307, 27543), (327, 27579), (352, 27633), (364, 27657), (433, 27798), (465, 27861), (478, 27903), (489, 27924), (491, 27930), (499, 27948), (593, 27978), (630, 28047), (659, 28119), (674, 28149),

Gene: Huxley_10 Start: 5945, Stop: 6925, Start Num: 177

Candidate Starts for Huxley_10:

(Start: 177 @5945 has 116 MA's), (190, 5972), (Start: 202 @5993 has 32 MA's), (Start: 203 @5996 has 2 MA's), (362, 6245), (389, 6302), (396, 6314), (420, 6365), (432, 6386), (450, 6434), (479, 6491), (550, 6641), (594, 6752), (598, 6764), (607, 6776), (639, 6842),

Gene: HyRo_237 Start: 143758, Stop: 144786, Start Num: 158

Candidate Starts for HyRo_237:

(Start: 158 @143758 has 220 MA's), (Start: 175 @143788 has 331 MA's), (Start: 203 @143842 has 2 MA's), (243, 143905), (254, 143926), (Start: 297 @144010 has 1 MA's), (331, 144052), (339, 144064), (346, 144079), (378, 144148), (389, 144175), (414, 144229), (427, 144274), (428, 144277), (460, 144355), (468, 144376), (521, 144487), (565, 144577), (570, 144595), (611, 144667), (625, 144700),

Gene: Hyperbowlee_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Hyperbowlee_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: I3_262 Start: 145549, Stop: 146577, Start Num: 158

Candidate Starts for I3_262:

(Start: 158 @145549 has 220 MA's), (Start: 175 @145579 has 331 MA's), (182, 145591), (Start: 203 @145633 has 2 MA's), (243, 145696), (254, 145717), (Start: 297 @145801 has 1 MA's), (331, 145843), (339, 145855), (346, 145870), (378, 145939), (389, 145966), (414, 146020), (427, 146065), (428, 146068), (460, 146146), (468, 146167), (521, 146278), (565, 146368), (570, 146386), (625, 146491),

Gene: ICleared_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for ICleared_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: IHOP_35 Start: 32035, Stop: 32892, Start Num: 209

Candidate Starts for IHOP_35:

(Start: 209 @32035 has 127 MA's), (229, 32074), (244, 32104), (255, 32125), (274, 32161), (288, 32191), (327, 32266), (352, 32314), (355, 32317), (365, 32341), (367, 32344), (378, 32359), (443,

32530), (494, 32644), (501, 32659), (504, 32665), (582, 32707), (584, 32710), (612, 32764), (646, 32842), (662, 32875),

Gene: lLeeKay_12 Start: 6192, Stop: 7160, Start Num: 175

Candidate Starts for lLeeKay_12:

(Start: 175 @6192 has 331 MA's), (Start: 191 @6225 has 6 MA's), (Start: 202 @6243 has 32 MA's), (Start: 203 @6246 has 2 MA's), (366, 6513), (389, 6564), (396, 6576), (430, 6651), (455, 6714), (468, 6747), (474, 6759), (479, 6777), (487, 6795), (500, 6819), (521, 6858), (563, 6939), (570, 6963), (571, 6966), (572, 6969), (581, 6978), (624, 7065), (663, 7152),

Gene: lMpilo_30 Start: 27328, Stop: 28329, Start Num: 164

Candidate Starts for lMpilo_30:

(Start: 164 @27328 has 214 MA's), (Start: 175 @27349 has 331 MA's), (182, 27361), (Start: 203 @27403 has 2 MA's), (254, 27487), (271, 27517), (Start: 297 @27571 has 1 MA's), (Start: 313 @27595 has 1 MA's), (331, 27610), (339, 27622), (389, 27733), (440, 27847), (446, 27865), (464, 27904), (474, 27928), (487, 27964), (502, 27991), (516, 28015), (521, 28030), (570, 28138), (596, 28186), (630, 28255), (644, 28285),

Gene: lPhane7_38 Start: 31794, Stop: 32765, Start Num: 206

Candidate Starts for lPhane7_38:

(Start: 206 @31794 has 15 MA's), (220, 31818), (228, 31833), (295, 31971), (309, 31998), (Start: 326 @32016 has 2 MA's), (333, 32028), (339, 32037), (356, 32082), (362, 32094), (378, 32121), (389, 32148), (396, 32160), (416, 32205), (428, 32232), (440, 32262), (443, 32271), (444, 32274), (485, 32361), (495, 32376), (563, 32529), (564, 32532), (592, 32592), (596, 32604), (599, 32613), (621, 32649), (626, 32664), (642, 32703), (653, 32736),

Gene: lOuou_33 Start: 28383, Stop: 29102, Start Num: 331

Candidate Starts for lOuou_33:

(84, 27855), (85, 27858), (93, 27906), (142, 28041), (144, 28050), (Start: 164 @28086 has 214 MA's), (232, 28218), (243, 28239), (254, 28260), (271, 28290), (278, 28302), (Start: 297 @28344 has 1 MA's), (Start: 313 @28368 has 1 MA's), (331, 28383), (339, 28395), (346, 28410), (389, 28506), (440, 28620), (446, 28638), (464, 28677), (474, 28701), (487, 28737), (502, 28764), (516, 28788), (521, 28803), (570, 28911), (596, 28959), (630, 29028), (644, 29058),

Gene: lhubesi_31 Start: 27464, Stop: 28465, Start Num: 164

Candidate Starts for lhubesi_31:

(119, 27365), (Start: 164 @27464 has 214 MA's), (Start: 175 @27485 has 331 MA's), (182, 27497), (Start: 203 @27539 has 2 MA's), (222, 27572), (243, 27602), (254, 27623), (Start: 297 @27707 has 1 MA's), (Start: 313 @27731 has 1 MA's), (331, 27746), (339, 27758), (389, 27869), (440, 27983), (446, 28001), (464, 28040), (474, 28064), (487, 28100), (502, 28127), (521, 28166), (552, 28214), (570, 28274), (596, 28322), (603, 28334), (625, 28379), (630, 28391), (644, 28421),

Gene: lcee_34 Start: 31516, Stop: 32373, Start Num: 209

Candidate Starts for lcee_34:

(Start: 209 @31516 has 127 MA's), (229, 31555), (244, 31585), (255, 31606), (274, 31642), (288, 31672), (327, 31747), (352, 31795), (355, 31798), (365, 31822), (367, 31825), (378, 31840), (443, 32011), (494, 32125), (501, 32140), (504, 32146), (582, 32188), (584, 32191), (612, 32245), (646, 32323), (662, 32356),

Gene: lCeman_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for lCeman_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450,

6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Ichabod_10 Start: 5749, Stop: 6717, Start Num: 175

Candidate Starts for Ichabod_10:

(Start: 175 @5749 has 331 MA's), (Start: 191 @5782 has 6 MA's), (Start: 202 @5800 has 32 MA's), (Start: 203 @5803 has 2 MA's), (366, 6070), (389, 6121), (396, 6133), (430, 6208), (468, 6304), (479, 6334), (521, 6415), (563, 6496), (570, 6520), (571, 6523), (572, 6526), (581, 6535), (624, 6622), (663, 6709),

Gene: IdentityCrisis_26 Start: 21810, Stop: 22982, Start Num: 109

Candidate Starts for IdentityCrisis_26:

(43, 21432), (88, 21741), (Start: 109 @21810 has 3 MA's), (134, 21864), (135, 21867), (178, 21951), (207, 21996), (249, 22071), (264, 22092), (288, 22143), (300, 22176), (327, 22215), (334, 22227), (354, 22281), (379, 22332), (397, 22377), (404, 22392), (434, 22473), (447, 22512), (461, 22527), (465, 22539), (477, 22566), (517, 22653), (524, 22671), (571, 22734), (588, 22755), (596, 22779), (621, 22827), (651, 22902),

Gene: Idergollasper_67 Start: 43419, Stop: 44459, Start Num: 160

Candidate Starts for Idergollasper_67:

(Start: 160 @43419 has 30 MA's), (Start: 203 @43494 has 2 MA's), (243, 43575), (246, 43581), (254, 43596), (295, 43677), (Start: 297 @43680 has 1 MA's), (339, 43734), (346, 43749), (389, 43845), (408, 43884), (416, 43914), (427, 43944), (428, 43947), (441, 43980), (468, 44046), (487, 44094), (502, 44121), (521, 44160), (608, 44334), (630, 44385),

Gene: Idleandcovert_10 Start: 5739, Stop: 6479, Start Num: 315

Candidate Starts for Idleandcovert_10:

(220, 5622), (Start: 315 @5739 has 18 MA's), (362, 5826), (389, 5883), (396, 5895), (398, 5898), (408, 5922), (414, 5937), (427, 5955), (439, 5985), (441, 5991), (444, 6000), (452, 6018), (474, 6069), (479, 6087), (518, 6159), (546, 6201), (552, 6228), (559, 6255), (570, 6288), (571, 6291), (593, 6330), (666, 6471),

Gene: IgnatiusPatJac_9 Start: 6018, Stop: 6986, Start Num: 175

Candidate Starts for IgnatiusPatJac_9:

(Start: 175 @6018 has 331 MA's), (Start: 191 @6051 has 6 MA's), (Start: 202 @6069 has 32 MA's), (Start: 203 @6072 has 2 MA's), (366, 6339), (389, 6390), (396, 6402), (430, 6477), (455, 6540), (461, 6552), (468, 6573), (474, 6585), (479, 6603), (487, 6621), (521, 6684), (563, 6765), (570, 6789), (571, 6792), (572, 6795), (581, 6804), (624, 6891), (644, 6936), (663, 6978),

Gene: IkeLoa_246 Start: 144139, Stop: 145167, Start Num: 158

Candidate Starts for IkeLoa_246:

(Start: 158 @144139 has 220 MA's), (Start: 175 @144169 has 331 MA's), (182, 144181), (Start: 203 @144223 has 2 MA's), (243, 144286), (254, 144307), (Start: 297 @144391 has 1 MA's), (331, 144433), (339, 144445), (346, 144460), (378, 144529), (389, 144556), (414, 144610), (427, 144655), (428, 144658), (460, 144736), (468, 144757), (521, 144868), (565, 144958), (570, 144976), (611, 145048), (625, 145081),

Gene: Illumine_31 Start: 26470, Stop: 27342, Start Num: 227

Candidate Starts for Illumine_31:

(Start: 209 @26443 has 127 MA's), (Start: 227 @26470 has 136 MA's), (Start: 238 @26482 has 1 MA's), (275, 26551), (288, 26578), (300, 26608), (307, 26617), (327, 26653), (332, 26662), (346, 26695), (352, 26713), (397, 26803), (465, 26938), (478, 26965), (489, 26986), (499, 27010), (568, 27112), (596, 27163), (621, 27199), (630, 27223), (674, 27322), (676, 27331),

Gene: Imara_65 Start: 43219, Stop: 44259, Start Num: 160

Candidate Starts for Imara_65:

(Start: 160 @43219 has 30 MA's), (Start: 203 @43294 has 2 MA's), (243, 43375), (246, 43381), (254, 43396), (295, 43477), (Start: 297 @43480 has 1 MA's), (339, 43534), (346, 43549), (389, 43645), (408, 43684), (416, 43714), (427, 43744), (428, 43747), (468, 43846), (482, 43885), (487, 43894), (502, 43921), (521, 43960), (608, 44134), (630, 44185),

Gene: Impisi_27 Start: 22975, Stop: 24141, Start Num: 110

Candidate Starts for Impisi_27:

(Start: 110 @22975 has 51 MA's), (134, 23032), (178, 23119), (207, 23164), (Start: 209 @23167 has 127 MA's), (249, 23239), (264, 23260), (300, 23344), (327, 23383), (354, 23449), (365, 23479), (379, 23500), (397, 23545), (434, 23641), (447, 23680), (461, 23695), (465, 23707), (477, 23734), (517, 23821), (524, 23839), (531, 23845), (582, 23905), (621, 23986), (651, 24061), (674, 24103), (677, 24124), (679, 24130),

Gene: ImtiyazSitla_49 Start: 41392, Stop: 42747, Start Num: 89

Candidate Starts for ImtiyazSitla_49:

(Start: 89 @41392 has 280 MA's), (Start: 105 @41443 has 11 MA's), (119, 41476), (185, 41605), (186, 41608), (194, 41623), (249, 41719), (273, 41758), (287, 41788), (300, 41824), (354, 41935), (365, 41965), (367, 41968), (397, 42034), (457, 42193), (477, 42241), (481, 42259), (504, 42307), (566, 42451), (588, 42511), (628, 42616), (671, 42703),

Gene: Imvubu_41 Start: 39360, Stop: 40367, Start Num: 171

Candidate Starts for Imvubu_41:

(Start: 171 @39360 has 1 MA's), (Start: 203 @39417 has 2 MA's), (356, 39654), (388, 39717), (389, 39723), (407, 39759), (420, 39786), (456, 39870), (479, 39918), (532, 40014), (553, 40080), (555, 40089), (556, 40092), (607, 40203), (612, 40212), (668, 40335),

Gene: Inca_34 Start: 30537, Stop: 31394, Start Num: 209

Candidate Starts for Inca_34:

(Start: 209 @30537 has 127 MA's), (229, 30576), (244, 30606), (255, 30627), (274, 30663), (288, 30693), (327, 30768), (352, 30816), (355, 30819), (365, 30843), (367, 30846), (378, 30861), (443, 31032), (488, 31131), (494, 31146), (501, 31161), (504, 31167), (582, 31209), (584, 31212), (612, 31266), (646, 31344), (662, 31377),

Gene: Inchworm_50 Start: 41830, Stop: 43185, Start Num: 89

Candidate Starts for Inchworm_50:

(Start: 89 @41830 has 280 MA's), (Start: 105 @41881 has 11 MA's), (119, 41914), (185, 42043), (186, 42046), (194, 42061), (249, 42157), (273, 42196), (287, 42226), (300, 42262), (354, 42373), (365, 42403), (367, 42406), (397, 42472), (457, 42631), (477, 42679), (481, 42697), (504, 42745), (566, 42889), (588, 42949), (628, 43054), (671, 43141),

Gene: Indlulamithi_36 Start: 31658, Stop: 32464, Start Num: 296

Candidate Starts for Indlulamithi_36:

(256, 31580), (Start: 296 @31658 has 1 MA's), (339, 31724), (389, 31844), (407, 31880), (409, 31886), (429, 31925), (440, 31949), (457, 31988), (472, 32009), (501, 32078), (552, 32165), (564, 32204), (566, 32210), (583, 32246), (596, 32276), (656, 32429), (658, 32432),

Gene: InigoMontoya_256 Start: 144457, Stop: 145485, Start Num: 158

Candidate Starts for InigoMontoya_256:

(Start: 158 @144457 has 220 MA's), (Start: 175 @144487 has 331 MA's), (182, 144499), (Start: 203 @144541 has 2 MA's), (243, 144604), (254, 144625), (Start: 297 @144709 has 1 MA's), (331, 144751), (339, 144763), (346, 144778), (378, 144847), (389, 144874), (414, 144928), (427, 144973),

(428, 144976), (460, 145054), (468, 145075), (521, 145186), (565, 145276), (570, 145294), (611, 145366), (625, 145399),

Gene: Inky_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Inky_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: InterFolia_254 Start: 145203, Stop: 146231, Start Num: 158

Candidate Starts for InterFolia_254:

(Start: 158 @145203 has 220 MA's), (Start: 175 @145233 has 331 MA's), (182, 145245), (Start: 203 @145287 has 2 MA's), (243, 145350), (254, 145371), (Start: 297 @145455 has 1 MA's), (331, 145497), (339, 145509), (346, 145524), (378, 145593), (389, 145620), (414, 145674), (427, 145719), (428, 145722), (460, 145800), (468, 145821), (521, 145932), (565, 146022), (570, 146040), (611, 146112), (625, 146145),

Gene: Inventum_31 Start: 28184, Stop: 29200, Start Num: 164

Candidate Starts for Inventum_31:

(84, 27953), (85, 27956), (93, 28004), (142, 28139), (144, 28148), (Start: 164 @28184 has 214 MA's), (232, 28316), (243, 28337), (254, 28358), (271, 28388), (278, 28400), (Start: 297 @28442 has 1 MA's), (339, 28493), (389, 28604), (440, 28718), (446, 28736), (464, 28775), (474, 28799), (487, 28835), (502, 28862), (521, 28901), (552, 28949), (570, 29009), (596, 29057), (603, 29069), (625, 29114), (630, 29126), (644, 29156),

Gene: Inverness_49 Start: 41718, Stop: 43073, Start Num: 89

Candidate Starts for Inverness_49:

(Start: 89 @41718 has 280 MA's), (Start: 105 @41769 has 11 MA's), (119, 41802), (185, 41931), (186, 41934), (194, 41949), (249, 42045), (273, 42084), (287, 42114), (300, 42150), (354, 42261), (365, 42291), (367, 42294), (397, 42360), (457, 42519), (477, 42567), (481, 42585), (504, 42633), (566, 42777), (588, 42837), (628, 42942), (651, 42996), (671, 43029),

Gene: InvictusManeo_30 Start: 27231, Stop: 27992, Start Num: 226

Candidate Starts for InvictusManeo_30:

(196, 27183), (Start: 226 @27231 has 29 MA's), (Start: 238 @27243 has 1 MA's), (240, 27246), (242, 27249), (255, 27276), (275, 27312), (302, 27372), (307, 27378), (321, 27408), (327, 27414), (332, 27423), (346, 27456), (364, 27498), (365, 27501), (374, 27513), (390, 27549), (397, 27564), (410, 27600), (465, 27699), (478, 27726), (489, 27747), (596, 27810), (618, 27834), (625, 27858), (651, 27927), (674, 27972), (676, 27981),

Gene: Inyanga_9 Start: 5807, Stop: 6775, Start Num: 175

Candidate Starts for Inyanga_9:

(Start: 175 @5807 has 331 MA's), (Start: 191 @5840 has 6 MA's), (Start: 202 @5858 has 32 MA's), (Start: 203 @5861 has 2 MA's), (366, 6128), (389, 6179), (396, 6191), (430, 6266), (455, 6329), (461, 6341), (468, 6362), (474, 6374), (479, 6392), (487, 6410), (500, 6434), (521, 6473), (563, 6554), (570, 6578), (571, 6581), (572, 6584), (581, 6593), (624, 6680), (644, 6725), (663, 6767),

Gene: Iota_249 Start: 144169, Stop: 145197, Start Num: 158

Candidate Starts for Iota_249:

(Start: 158 @144169 has 220 MA's), (Start: 175 @144199 has 331 MA's), (182, 144211), (Start: 203 @144253 has 2 MA's), (243, 144316), (254, 144337), (Start: 297 @144421 has 1 MA's), (331,

144463), (339, 144475), (346, 144490), (378, 144559), (389, 144586), (414, 144640), (427, 144685), (428, 144688), (460, 144766), (468, 144787), (521, 144898), (565, 144988), (570, 145006), (611, 145078), (625, 145111),

Gene: Iqorha_9 Start: 5807, Stop: 6775, Start Num: 175

Candidate Starts for Iqorha_9:

(Start: 175 @5807 has 331 MA's), (Start: 191 @5840 has 6 MA's), (Start: 202 @5858 has 32 MA's), (Start: 203 @5861 has 2 MA's), (366, 6128), (389, 6179), (396, 6191), (430, 6266), (455, 6329), (468, 6362), (474, 6374), (479, 6392), (487, 6410), (500, 6434), (521, 6473), (563, 6554), (570, 6578), (571, 6581), (572, 6584), (581, 6593), (624, 6680), (663, 6767),

Gene: Iracema64_10 Start: 5858, Stop: 6838, Start Num: 177

Candidate Starts for Iracema64_10:

(Start: 177 @5858 has 116 MA's), (190, 5885), (Start: 202 @5906 has 32 MA's), (Start: 203 @5909 has 2 MA's), (362, 6158), (389, 6215), (396, 6227), (420, 6278), (432, 6299), (439, 6320), (450, 6347), (468, 6374), (479, 6404), (550, 6554), (598, 6677), (607, 6689), (639, 6755),

Gene: Iridessa_49 Start: 41402, Stop: 42757, Start Num: 89

Candidate Starts for Iridessa_49:

(Start: 89 @41402 has 280 MA's), (Start: 105 @41453 has 11 MA's), (119, 41486), (185, 41615), (186, 41618), (194, 41633), (249, 41729), (273, 41768), (287, 41798), (300, 41834), (354, 41945), (365, 41975), (367, 41978), (397, 42044), (457, 42203), (477, 42251), (481, 42269), (504, 42317), (566, 42461), (588, 42521), (628, 42626), (671, 42713),

Gene: Iridoclysis_49 Start: 41689, Stop: 43044, Start Num: 89

Candidate Starts for Iridoclysis_49:

(Start: 89 @41689 has 280 MA's), (Start: 105 @41740 has 11 MA's), (119, 41773), (185, 41902), (186, 41905), (194, 41920), (249, 42016), (273, 42055), (287, 42085), (300, 42121), (354, 42232), (365, 42262), (367, 42265), (397, 42331), (457, 42490), (477, 42538), (481, 42556), (504, 42604), (566, 42748), (588, 42808), (628, 42913), (671, 43000),

Gene: IrishSherpFalk_33 Start: 29112, Stop: 30113, Start Num: 164

Candidate Starts for IrishSherpFalk_33:

(119, 29013), (150, 29085), (Start: 164 @29112 has 214 MA's), (Start: 175 @29133 has 331 MA's), (182, 29145), (Start: 203 @29187 has 2 MA's), (222, 29220), (243, 29250), (254, 29271), (Start: 297 @29355 has 1 MA's), (Start: 313 @29379 has 1 MA's), (331, 29394), (339, 29406), (389, 29517), (439, 29628), (446, 29649), (464, 29688), (487, 29748), (502, 29775), (521, 29814), (570, 29922), (581, 29937), (596, 29970), (630, 30039), (644, 30069),

Gene: IronMan_13 Start: 8151, Stop: 9137, Start Num: 175

Candidate Starts for IronMan_13:

(Start: 175 @8151 has 331 MA's), (190, 8181), (Start: 203 @8205 has 2 MA's), (293, 8340), (388, 8505), (389, 8511), (427, 8586), (432, 8595), (444, 8631), (479, 8706), (512, 8766), (532, 8802), (550, 8856), (556, 8880), (558, 8886), (607, 8991), (612, 9000),

Gene: IsaacEli_50 Start: 41848, Stop: 43203, Start Num: 89

Candidate Starts for IsaacEli_50:

(Start: 89 @41848 has 280 MA's), (Start: 105 @41899 has 11 MA's), (119, 41932), (185, 42061), (186, 42064), (194, 42079), (249, 42175), (273, 42214), (287, 42244), (300, 42280), (354, 42391), (365, 42421), (367, 42424), (397, 42490), (457, 42649), (477, 42697), (481, 42715), (504, 42763), (566, 42907), (588, 42967), (628, 43072), (671, 43159),

Gene: Isca_10 Start: 5611, Stop: 6351, Start Num: 315

Candidate Starts for Isca_10:

(Start: 315 @5611 has 18 MA's), (339, 5635), (362, 5698), (389, 5755), (396, 5767), (398, 5770), (408, 5794), (414, 5809), (439, 5857), (441, 5863), (452, 5890), (479, 5959), (518, 6031), (546, 6073), (552, 6100), (559, 6127), (570, 6160), (571, 6163), (593, 6202), (621, 6256), (666, 6343),

Gene: Island3_30 Start: 26243, Stop: 27409, Start Num: 110

Candidate Starts for Island3_30:

(29, 25709), (36, 25757), (43, 25862), (Start: 110 @26243 has 51 MA's), (114, 26252), (132, 26297), (134, 26300), (178, 26387), (207, 26432), (249, 26507), (264, 26528), (273, 26546), (300, 26612), (327, 26651), (334, 26663), (354, 26717), (365, 26747), (379, 26768), (397, 26813), (434, 26909), (447, 26948), (461, 26963), (465, 26975), (477, 27002), (517, 27089), (524, 27107), (531, 27113), (571, 27161), (596, 27206), (621, 27254), (651, 27329),

Gene: Issimir_246 Start: 144544, Stop: 145572, Start Num: 158

Candidate Starts for Issimir_246:

(Start: 158 @144544 has 220 MA's), (Start: 175 @144574 has 331 MA's), (182, 144586), (Start: 203 @144628 has 2 MA's), (243, 144691), (254, 144712), (Start: 297 @144796 has 1 MA's), (331, 144838), (339, 144850), (346, 144865), (378, 144934), (389, 144961), (414, 145015), (427, 145060), (428, 145063), (460, 145141), (468, 145162), (521, 145273), (565, 145363), (570, 145381), (611, 145453), (625, 145486),

Gene: Itos_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Itos_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Iwokeuplikedis_11 Start: 6191, Stop: 7168, Start Num: 175

Candidate Starts for Iwokeuplikedis_11:

(161, 6170), (Start: 175 @6191 has 331 MA's), (Start: 203 @6245 has 2 MA's), (250, 6302), (344, 6434), (356, 6470), (362, 6482), (389, 6539), (407, 6575), (430, 6623), (444, 6662), (479, 6749), (502, 6794), (513, 6812), (540, 6854), (552, 6902), (559, 6929), (565, 6944), (570, 6962), (571, 6965), (620, 7055),

Gene: Izajani_248 Start: 145019, Stop: 146017, Start Num: 175

Candidate Starts for Izajani_248:

(Start: 158 @144989 has 220 MA's), (Start: 175 @145019 has 331 MA's), (182, 145031), (Start: 203 @145073 has 2 MA's), (243, 145136), (254, 145157), (Start: 297 @145241 has 1 MA's), (331, 145283), (339, 145295), (346, 145310), (378, 145379), (389, 145406), (414, 145460), (427, 145505), (428, 145508), (460, 145586), (468, 145607), (521, 145718), (565, 145808), (570, 145826), (611, 145898), (625, 145931),

Gene: Izel_39 Start: 31793, Stop: 32764, Start Num: 206

Candidate Starts for Izel_39:

(Start: 206 @31793 has 15 MA's), (220, 31817), (228, 31832), (295, 31970), (309, 31997), (Start: 326 @32015 has 2 MA's), (333, 32027), (339, 32036), (356, 32081), (362, 32093), (378, 32120), (389, 32147), (396, 32159), (416, 32204), (428, 32231), (440, 32261), (443, 32270), (444, 32273), (485, 32360), (495, 32375), (563, 32528), (564, 32531), (592, 32591), (596, 32603), (599, 32612), (621, 32648), (626, 32663), (642, 32702), (653, 32735),

Gene: JAWS_31 Start: 26448, Stop: 27320, Start Num: 227

Candidate Starts for JAWS_31:

(85, 26118), (165, 26346), (Start: 209 @26421 has 127 MA's), (Start: 227 @26448 has 136 MA's), (Start: 238 @26460 has 1 MA's), (275, 26529), (288, 26556), (300, 26586), (307, 26595), (327, 26631), (332, 26640), (346, 26673), (352, 26691), (367, 26721), (397, 26781), (465, 26916), (478, 26943), (489, 26964), (499, 26988), (596, 27141), (621, 27177), (674, 27300), (676, 27309),

Gene: JC27_12 Start: 6644, Stop: 7612, Start Num: 175

Candidate Starts for JC27_12:

(Start: 175 @6644 has 331 MA's), (Start: 191 @6677 has 6 MA's), (Start: 202 @6695 has 32 MA's), (Start: 203 @6698 has 2 MA's), (366, 6965), (389, 7016), (396, 7028), (430, 7103), (455, 7166), (461, 7178), (468, 7199), (474, 7211), (479, 7229), (487, 7247), (500, 7271), (521, 7310), (563, 7391), (570, 7415), (571, 7418), (572, 7421), (581, 7430), (624, 7517), (644, 7562), (663, 7604),

Gene: JDog_48 Start: 41426, Stop: 42781, Start Num: 89

Candidate Starts for JDog_48:

(Start: 89 @41426 has 280 MA's), (Start: 105 @41477 has 11 MA's), (119, 41510), (186, 41642), (194, 41657), (249, 41753), (273, 41792), (287, 41822), (300, 41858), (354, 41969), (365, 41999), (367, 42002), (397, 42068), (457, 42227), (477, 42275), (481, 42293), (504, 42341), (566, 42485), (588, 42545), (628, 42650), (651, 42704), (671, 42737),

Gene: JF1_32 Start: 27629, Stop: 28420, Start Num: 213

Candidate Starts for JF1_32:

(Start: 213 @27629 has 23 MA's), (Start: 238 @27662 has 1 MA's), (255, 27695), (268, 27719), (280, 27740), (300, 27788), (307, 27797), (327, 27833), (371, 27914), (465, 28121), (478, 28148), (481, 28154), (489, 28169), (499, 28193), (594, 28217), (612, 28238), (625, 28271), (630, 28283), (659, 28355),

Gene: JF2_10 Start: 5376, Stop: 6116, Start Num: 315

Candidate Starts for JF2_10:

(Start: 315 @5376 has 18 MA's), (362, 5463), (389, 5520), (396, 5532), (398, 5535), (408, 5559), (414, 5574), (439, 5622), (441, 5628), (452, 5655), (479, 5724), (518, 5796), (546, 5838), (552, 5865), (559, 5892), (570, 5925), (571, 5928), (593, 5967), (621, 6021), (666, 6108),

Gene: JF4_10 Start: 5376, Stop: 6116, Start Num: 315

Candidate Starts for JF4_10:

(Start: 315 @5376 has 18 MA's), (362, 5463), (389, 5520), (396, 5532), (398, 5535), (408, 5559), (414, 5574), (439, 5622), (441, 5628), (452, 5655), (479, 5724), (518, 5796), (546, 5838), (552, 5865), (559, 5892), (570, 5925), (571, 5928), (593, 5967), (621, 6021), (666, 6108),

Gene: JHC117_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for JHC117_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: JPickles_250 Start: 143594, Stop: 144622, Start Num: 158

Candidate Starts for JPickles_250:

(Start: 158 @143594 has 220 MA's), (Start: 175 @143624 has 331 MA's), (182, 143636), (Start: 203 @143678 has 2 MA's), (243, 143741), (254, 143762), (Start: 297 @143846 has 1 MA's), (331, 143888), (339, 143900), (346, 143915), (378, 143984), (389, 144011), (414, 144065), (427, 144110), (428, 144113), (460, 144191), (468, 144212), (521, 144323), (565, 144413), (570, 144431), (611, 144503), (625, 144536),

Gene: Jaan_14 Start: 8541, Stop: 9527, Start Num: 175

Candidate Starts for Jaan_14:

(Start: 175 @8541 has 331 MA's), (190, 8571), (Start: 203 @8595 has 2 MA's), (293, 8730), (389, 8901), (427, 8976), (432, 8985), (479, 9096), (512, 9156), (532, 9192), (550, 9246), (556, 9270), (558, 9276), (572, 9321), (607, 9381), (612, 9390),

Gene: Jabbawokkie_39 Start: 28197, Stop: 29270, Start Num: 164

Candidate Starts for Jabbawokkie_39:

(Start: 164 @28197 has 214 MA's), (Start: 179 @28224 has 14 MA's), (192, 28254), (248, 28347), (254, 28356), (260, 28365), (293, 28422), (316, 28467), (343, 28500), (346, 28509), (366, 28560), (384, 28602), (394, 28626), (399, 28635), (403, 28647), (413, 28677), (422, 28707), (423, 28710), (439, 28767), (440, 28770), (445, 28785), (450, 28797), (454, 28806), (464, 28830), (475, 28854), (518, 28935), (552, 29010), (597, 29121), (621, 29163), (622, 29166), (624, 29172), (630, 29187), (660, 29253),

Gene: JacAttac_50 Start: 41830, Stop: 43185, Start Num: 89

Candidate Starts for JacAttac_50:

(Start: 89 @41830 has 280 MA's), (Start: 105 @41881 has 11 MA's), (119, 41914), (185, 42043), (186, 42046), (194, 42061), (249, 42157), (273, 42196), (287, 42226), (300, 42262), (354, 42373), (365, 42403), (367, 42406), (397, 42472), (457, 42631), (477, 42679), (481, 42697), (504, 42745), (566, 42889), (588, 42949), (628, 43054), (671, 43141),

Gene: JackSparrow_10 Start: 6014, Stop: 6982, Start Num: 175

Candidate Starts for JackSparrow_10:

(Start: 175 @6014 has 331 MA's), (Start: 191 @6047 has 6 MA's), (Start: 202 @6065 has 32 MA's), (Start: 203 @6068 has 2 MA's), (366, 6335), (389, 6386), (396, 6398), (430, 6473), (455, 6536), (468, 6569), (474, 6581), (479, 6599), (487, 6617), (500, 6641), (521, 6680), (563, 6761), (570, 6785), (571, 6788), (572, 6791), (581, 6800), (624, 6887), (663, 6974),

Gene: Jackstina_44 Start: 41457, Stop: 42521, Start Num: 151

Candidate Starts for Jackstina_44:

(Start: 151 @41457 has 50 MA's), (184, 41520), (236, 41601), (271, 41667), (279, 41682), (288, 41694), (298, 41721), (343, 41778), (346, 41787), (413, 41934), (419, 41949), (439, 42003), (452, 42036), (467, 42075), (475, 42087), (518, 42168), (533, 42186), (535, 42189), (552, 42234), (596, 42345), (649, 42456), (658, 42477), (673, 42510),

Gene: JakeO_48 Start: 41425, Stop: 42780, Start Num: 89

Candidate Starts for JakeO_48:

(Start: 89 @41425 has 280 MA's), (Start: 105 @41476 has 11 MA's), (119, 41509), (128, 41527), (185, 41638), (186, 41641), (194, 41656), (249, 41752), (273, 41791), (287, 41821), (300, 41857), (354, 41968), (365, 41998), (367, 42001), (397, 42067), (457, 42226), (477, 42274), (481, 42292), (504, 42340), (566, 42484), (588, 42544), (628, 42649), (671, 42736),

Gene: JalFarm20_34 Start: 28603, Stop: 29601, Start Num: 158

Candidate Starts for JalFarm20_34:

(Start: 158 @28603 has 220 MA's), (Start: 203 @28678 has 2 MA's), (243, 28738), (254, 28759), (Start: 297 @28843 has 1 MA's), (339, 28894), (346, 28909), (389, 29005), (439, 29116), (446, 29137), (464, 29176), (468, 29188), (487, 29236), (502, 29263), (516, 29287), (521, 29302), (570, 29410), (596, 29458), (630, 29527), (644, 29557),

Gene: James_31 Start: 27708, Stop: 28709, Start Num: 164

Candidate Starts for James_31:

(Start: 164 @27708 has 214 MA's), (Start: 203 @27783 has 2 MA's), (243, 27846), (254, 27867), (Start: 297 @27951 has 1 MA's), (Start: 313 @27975 has 1 MA's), (331, 27990), (339, 28002), (389, 28113), (440, 28227), (446, 28245), (464, 28284), (474, 28308), (487, 28344), (521, 28410), (570, 28518), (596, 28566), (603, 28578), (625, 28623), (630, 28635), (644, 28665),

Gene: Jane_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Jane_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: JangDynasty_67 Start: 43505, Stop: 44545, Start Num: 160

Candidate Starts for JangDynasty_67:

(Start: 160 @43505 has 30 MA's), (Start: 203 @43580 has 2 MA's), (243, 43661), (246, 43667), (254, 43682), (295, 43763), (Start: 297 @43766 has 1 MA's), (339, 43820), (346, 43835), (389, 43931), (408, 43970), (416, 44000), (427, 44030), (428, 44033), (441, 44066), (468, 44132), (487, 44180), (502, 44207), (521, 44246), (608, 44420), (630, 44471),

Gene: JangoPhett_49 Start: 41700, Stop: 43055, Start Num: 89

Candidate Starts for JangoPhett_49:

(Start: 89 @41700 has 280 MA's), (Start: 105 @41751 has 11 MA's), (119, 41784), (185, 41913), (186, 41916), (194, 41931), (249, 42027), (273, 42066), (287, 42096), (300, 42132), (354, 42243), (365, 42273), (367, 42276), (397, 42342), (457, 42501), (477, 42549), (481, 42567), (504, 42615), (566, 42759), (588, 42819), (628, 42924), (671, 43011),

Gene: Janiyr_256 Start: 145131, Stop: 146159, Start Num: 158

Candidate Starts for Janiyr_256:

(Start: 158 @145131 has 220 MA's), (Start: 175 @145161 has 331 MA's), (182, 145173), (Start: 203 @145215 has 2 MA's), (243, 145278), (254, 145299), (Start: 297 @145383 has 1 MA's), (331, 145425), (339, 145437), (346, 145452), (378, 145521), (389, 145548), (414, 145602), (427, 145647), (428, 145650), (460, 145728), (468, 145749), (521, 145860), (565, 145950), (570, 145968), (611, 146040), (625, 146073),

Gene: Jant_32 Start: 27695, Stop: 28696, Start Num: 164

Candidate Starts for Jant_32:

(42, 27182), (43, 27212), (47, 27257), (63, 27410), (69, 27434), (75, 27461), (104, 27596), (Start: 164 @27695 has 214 MA's), (Start: 203 @27770 has 2 MA's), (222, 27803), (243, 27833), (254, 27854), (Start: 297 @27938 has 1 MA's), (339, 27989), (346, 28004), (389, 28100), (439, 28211), (446, 28232), (464, 28271), (468, 28283), (487, 28331), (502, 28358), (516, 28382), (521, 28397), (570, 28505), (596, 28553), (630, 28622), (644, 28652),

Gene: Jacob_31 Start: 27749, Stop: 28750, Start Num: 164

Candidate Starts for Jacob_31:

(Start: 164 @27749 has 214 MA's), (Start: 175 @27770 has 331 MA's), (182, 27782), (Start: 203 @27824 has 2 MA's), (243, 27887), (254, 27908), (271, 27938), (Start: 297 @27992 has 1 MA's), (Start: 313 @28016 has 1 MA's), (331, 28031), (339, 28043), (389, 28154), (440, 28268), (446, 28286), (464, 28325), (474, 28349), (487, 28385), (502, 28412), (521, 28451), (552, 28499), (570, 28559), (603, 28619), (630, 28676), (644, 28706),

Gene: Jarvi_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Jarvi_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Jasper_11 Start: 5855, Stop: 6823, Start Num: 175

Candidate Starts for Jasper_11:

(Start: 175 @5855 has 331 MA's), (Start: 191 @5888 has 6 MA's), (Start: 202 @5906 has 32 MA's), (Start: 203 @5909 has 2 MA's), (366, 6176), (389, 6227), (396, 6239), (430, 6314), (455, 6377), (461, 6389), (468, 6410), (474, 6422), (479, 6440), (487, 6458), (500, 6482), (521, 6521), (563, 6602), (570, 6626), (571, 6629), (572, 6632), (581, 6641), (624, 6728), (644, 6773), (663, 6815),

Gene: JayJay_252 Start: 143930, Stop: 144958, Start Num: 158

Candidate Starts for JayJay_252:

(Start: 158 @143930 has 220 MA's), (Start: 175 @143960 has 331 MA's), (Start: 203 @144014 has 2 MA's), (243, 144077), (254, 144098), (Start: 297 @144182 has 1 MA's), (331, 144224), (339, 144236), (346, 144251), (378, 144320), (389, 144347), (414, 144401), (427, 144446), (428, 144449), (460, 144527), (468, 144548), (521, 144659), (565, 144749), (570, 144767), (611, 144839), (625, 144872),

Gene: Jaygup_249 Start: 144316, Stop: 145344, Start Num: 158

Candidate Starts for Jaygup_249:

(Start: 158 @144316 has 220 MA's), (Start: 175 @144346 has 331 MA's), (182, 144358), (Start: 203 @144400 has 2 MA's), (243, 144463), (254, 144484), (Start: 297 @144568 has 1 MA's), (331, 144610), (339, 144622), (346, 144637), (378, 144706), (389, 144733), (414, 144787), (427, 144832), (428, 144835), (460, 144913), (468, 144934), (521, 145045), (565, 145135), (570, 145153), (611, 145225), (625, 145258),

Gene: Jayhawk_31 Start: 26461, Stop: 27333, Start Num: 227

Candidate Starts for Jayhawk_31:

(Start: 209 @26434 has 127 MA's), (Start: 227 @26461 has 136 MA's), (Start: 238 @26473 has 1 MA's), (275, 26542), (288, 26569), (300, 26599), (307, 26608), (327, 26644), (332, 26653), (346, 26686), (352, 26704), (367, 26734), (395, 26791), (397, 26794), (465, 26929), (478, 26956), (489, 26977), (499, 27001), (539, 27052), (596, 27154), (621, 27190), (630, 27214), (674, 27313), (676, 27322),

Gene: Jaykayelowell_10 Start: 5880, Stop: 6860, Start Num: 177

Candidate Starts for Jaykayelowell_10:

(Start: 177 @5880 has 116 MA's), (Start: 179 @5883 has 14 MA's), (190, 5907), (Start: 202 @5928 has 32 MA's), (Start: 203 @5931 has 2 MA's), (362, 6180), (389, 6237), (432, 6321), (439, 6342), (450, 6369), (469, 6399), (479, 6426), (550, 6576), (594, 6687), (598, 6699), (607, 6711), (639, 6777),

Gene: JeTaime_37 Start: 32659, Stop: 33516, Start Num: 209

Candidate Starts for JeTaime_37:

(Start: 209 @32659 has 127 MA's), (229, 32698), (244, 32728), (255, 32749), (274, 32785), (288, 32815), (327, 32890), (352, 32938), (355, 32941), (365, 32965), (367, 32968), (378, 32983), (443, 33154), (494, 33268), (501, 33283), (504, 33289), (582, 33331), (584, 33334), (612, 33388), (646, 33466), (662, 33499),

Gene: Jebeks_27 Start: 24037, Stop: 25203, Start Num: 110

Candidate Starts for Jebeks_27:

(Start: 110 @24037 has 51 MA's), (134, 24094), (178, 24181), (207, 24226), (249, 24301), (264, 24322), (300, 24406), (327, 24445), (354, 24511), (365, 24541), (379, 24562), (397, 24607), (434,

24703), (447, 24742), (461, 24757), (477, 24796), (517, 24883), (524, 24901), (531, 24907), (571, 24955), (588, 24976), (621, 25048), (651, 25123),

Gene: Jeckyll_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Jeckyll_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Jedediah_254 Start: 145369, Stop: 146397, Start Num: 158

Candidate Starts for Jedediah_254:

(Start: 158 @145369 has 220 MA's), (Start: 175 @145399 has 331 MA's), (182, 145411), (Start: 203 @145453 has 2 MA's), (243, 145516), (254, 145537), (Start: 297 @145621 has 1 MA's), (331, 145663), (339, 145675), (346, 145690), (378, 145759), (389, 145786), (414, 145840), (427, 145885), (428, 145888), (460, 145966), (468, 145987), (521, 146098), (565, 146188), (570, 146206), (611, 146278), (625, 146311),

Gene: Jeilious_28 Start: 25200, Stop: 26408, Start Num: 96

Candidate Starts for Jeilious_28:

(72, 25107), (Start: 96 @25200 has 92 MA's), (168, 25374), (211, 25446), (273, 25545), (278, 25554), (288, 25578), (293, 25587), (300, 25611), (310, 25632), (327, 25659), (334, 25671), (361, 25743), (381, 25782), (461, 25971), (470, 25995), (477, 26010), (483, 26031), (504, 26076), (506, 26079), (541, 26130),

Gene: Jemmno_252 Start: 144088, Stop: 145116, Start Num: 158

Candidate Starts for Jemmno_252:

(Start: 158 @144088 has 220 MA's), (Start: 175 @144118 has 331 MA's), (182, 144130), (Start: 203 @144172 has 2 MA's), (243, 144235), (254, 144256), (Start: 297 @144340 has 1 MA's), (331, 144382), (339, 144394), (346, 144409), (378, 144478), (389, 144505), (414, 144559), (427, 144604), (428, 144607), (460, 144685), (468, 144706), (521, 144817), (565, 144907), (570, 144925), (611, 144997), (625, 145030),

Gene: JenCasNa_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for JenCasNa_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Jennelsea_25 Start: 23661, Stop: 24662, Start Num: 164

Candidate Starts for Jennelsea_25:

(Start: 164 @23661 has 214 MA's), (Start: 175 @23682 has 331 MA's), (182, 23694), (Start: 203 @23736 has 2 MA's), (243, 23799), (254, 23820), (271, 23850), (Start: 297 @23904 has 1 MA's), (Start: 313 @23928 has 1 MA's), (331, 23943), (339, 23955), (389, 24066), (440, 24180), (446, 24198), (464, 24237), (474, 24261), (487, 24297), (502, 24324), (521, 24363), (552, 24411), (570, 24471), (603, 24531), (630, 24588), (644, 24618),

Gene: JeppNRM_13 Start: 6031, Stop: 6996, Start Num: 166

Candidate Starts for JeppNRM_13:

(Start: 166 @6031 has 96 MA's), (Start: 203 @6097 has 2 MA's), (241, 6151), (291, 6229), (362, 6352), (389, 6409), (430, 6481), (444, 6520), (452, 6538), (479, 6607), (521, 6691), (546, 6724), (552, 6751), (571, 6814), (620, 6904), (622, 6910),

Gene: Jerm_13 Start: 6833, Stop: 7825, Start Num: 175

Candidate Starts for Jerm_13:

(Start: 175 @6833 has 331 MA's), (Start: 191 @6866 has 6 MA's), (Start: 202 @6884 has 32 MA's), (Start: 203 @6887 has 2 MA's), (309, 7055), (331, 7061), (344, 7088), (368, 7148), (389, 7193), (430, 7280), (450, 7325), (476, 7364), (497, 7412), (507, 7427), (542, 7493), (552, 7535), (580, 7622), (636, 7736),

Gene: Jerm2_10 Start: 5731, Stop: 6699, Start Num: 175

Candidate Starts for Jerm2_10:

(Start: 175 @5731 has 331 MA's), (Start: 191 @5764 has 6 MA's), (Start: 202 @5782 has 32 MA's), (Start: 203 @5785 has 2 MA's), (366, 6052), (389, 6103), (396, 6115), (430, 6190), (455, 6253), (468, 6286), (479, 6316), (487, 6334), (500, 6358), (521, 6397), (563, 6478), (570, 6502), (571, 6505), (572, 6508), (581, 6517), (624, 6604), (663, 6691),

Gene: Jesabah_49 Start: 41428, Stop: 42783, Start Num: 89

Candidate Starts for Jesabah_49:

(Start: 89 @41428 has 280 MA's), (Start: 105 @41479 has 11 MA's), (119, 41512), (185, 41641), (186, 41644), (194, 41659), (249, 41755), (273, 41794), (287, 41824), (300, 41860), (354, 41971), (365, 42001), (367, 42004), (397, 42070), (457, 42229), (477, 42277), (481, 42295), (504, 42343), (566, 42487), (588, 42547), (628, 42652), (671, 42739),

Gene: Jessibeth14_252 Start: 145564, Stop: 146592, Start Num: 158

Candidate Starts for Jessibeth14_252:

(Start: 158 @145564 has 220 MA's), (Start: 175 @145594 has 331 MA's), (182, 145606), (Start: 203 @145648 has 2 MA's), (243, 145711), (254, 145732), (Start: 297 @145816 has 1 MA's), (331, 145858), (339, 145870), (346, 145885), (378, 145954), (389, 145981), (414, 146035), (427, 146080), (428, 146083), (460, 146161), (468, 146182), (521, 146293), (565, 146383), (570, 146401), (611, 146473), (625, 146506),

Gene: JetBlade_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for JetBlade_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (639, 6778),

Gene: Jezreel_249 Start: 144633, Stop: 145661, Start Num: 158

Candidate Starts for Jezreel_249:

(Start: 158 @144633 has 220 MA's), (Start: 175 @144663 has 331 MA's), (Start: 203 @144717 has 2 MA's), (243, 144780), (254, 144801), (Start: 297 @144885 has 1 MA's), (331, 144927), (339, 144939), (346, 144954), (378, 145023), (389, 145050), (414, 145104), (427, 145149), (428, 145152), (460, 145230), (468, 145251), (521, 145362), (565, 145452), (570, 145470), (611, 145542), (625, 145575),

Gene: JigglyPuff_258 Start: 146059, Stop: 147087, Start Num: 158

Candidate Starts for JigglyPuff_258:

(Start: 158 @146059 has 220 MA's), (Start: 175 @146089 has 331 MA's), (182, 146101), (Start: 203 @146143 has 2 MA's), (243, 146206), (254, 146227), (Start: 297 @146311 has 1 MA's), (331, 146353), (339, 146365), (346, 146380), (378, 146449), (389, 146476), (414, 146530), (427, 146575), (428, 146578), (460, 146656), (468, 146677), (521, 146788), (565, 146878), (570, 146896), (611, 146968), (625, 147001),

Gene: Jillium_48 Start: 41419, Stop: 42774, Start Num: 89

Candidate Starts for Jillium_48:

(Start: 89 @41419 has 280 MA's), (Start: 105 @41470 has 11 MA's), (119, 41503), (185, 41632), (186, 41635), (194, 41650), (249, 41746), (273, 41785), (287, 41815), (300, 41851), (354, 41962), (365, 41992), (367, 41995), (397, 42061), (457, 42220), (477, 42268), (481, 42286), (504, 42334), (566, 42478), (588, 42538), (628, 42643), (671, 42730),

Gene: Jiminy_48 Start: 41260, Stop: 42615, Start Num: 89

Candidate Starts for Jiminy_48:

(Start: 89 @41260 has 280 MA's), (Start: 105 @41311 has 11 MA's), (119, 41344), (185, 41473), (186, 41476), (194, 41491), (249, 41587), (273, 41626), (287, 41656), (300, 41692), (354, 41803), (365, 41833), (367, 41836), (397, 41902), (457, 42061), (477, 42109), (481, 42127), (504, 42175), (566, 42319), (588, 42379), (628, 42484), (671, 42571),

Gene: Jinglebell_30 Start: 27728, Stop: 28729, Start Num: 164

Candidate Starts for Jinglebell_30:

(33, 27107), (40, 27185), (44, 27248), (52, 27287), (64, 27419), (70, 27440), (79, 27476), (119, 27629), (Start: 164 @27728 has 214 MA's), (Start: 175 @27749 has 331 MA's), (182, 27761), (Start: 203 @27803 has 2 MA's), (222, 27836), (243, 27866), (254, 27887), (Start: 297 @27971 has 1 MA's), (Start: 313 @27995 has 1 MA's), (331, 28010), (339, 28022), (389, 28133), (440, 28247), (446, 28265), (464, 28304), (474, 28328), (487, 28364), (502, 28391), (521, 28430), (570, 28538), (596, 28586), (603, 28598), (624, 28640), (625, 28643), (630, 28655), (644, 28685),

Gene: Jiraiya_48 Start: 41413, Stop: 42768, Start Num: 89

Candidate Starts for Jiraiya_48:

(Start: 89 @41413 has 280 MA's), (Start: 105 @41464 has 11 MA's), (119, 41497), (185, 41626), (186, 41629), (194, 41644), (249, 41740), (273, 41779), (287, 41809), (300, 41845), (354, 41956), (365, 41986), (367, 41989), (397, 42055), (457, 42214), (477, 42262), (481, 42280), (504, 42328), (566, 42472), (588, 42532), (628, 42637), (671, 42724),

Gene: Job42_35 Start: 29517, Stop: 30518, Start Num: 164

Candidate Starts for Job42_35:

(Start: 164 @29517 has 214 MA's), (Start: 203 @29592 has 2 MA's), (222, 29625), (243, 29655), (254, 29676), (271, 29706), (278, 29718), (Start: 297 @29760 has 1 MA's), (Start: 313 @29784 has 1 MA's), (331, 29799), (339, 29811), (389, 29922), (428, 30006), (440, 30036), (446, 30054), (464, 30093), (474, 30117), (487, 30153), (502, 30180), (521, 30219), (552, 30267), (570, 30327), (596, 30375), (603, 30387), (625, 30432), (630, 30444), (644, 30474),

Gene: Jobu08_12 Start: 6031, Stop: 6996, Start Num: 166

Candidate Starts for Jobu08_12:

(Start: 166 @6031 has 96 MA's), (Start: 191 @6076 has 6 MA's), (Start: 203 @6097 has 2 MA's), (280, 6217), (362, 6355), (389, 6412), (398, 6427), (439, 6508), (444, 6523), (452, 6541), (474, 6592), (479, 6610), (502, 6655), (552, 6751), (571, 6814), (593, 6853), (620, 6904),

Gene: Jobypre_28 Start: 26850, Stop: 27893, Start Num: 111

Candidate Starts for Jobypre_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: JoeDirt_26 Start: 25529, Stop: 26560, Start Num: 169

Candidate Starts for JoeDirt_26:

(Start: 169 @25529 has 29 MA's), (265, 25685), (277, 25709), (284, 25721), (293, 25739), (Start: 297 @25757 has 1 MA's), (304, 25775), (309, 25781), (316, 25790), (322, 25805), (333, 25820), (352,

25868), (362, 25892), (389, 25949), (408, 25988), (441, 26066), (444, 26075), (445, 26078), (452, 26093), (472, 26147), (479, 26168), (485, 26183), (537, 26267), (548, 26297), (571, 26366), (581, 26378), (593, 26402), (599, 26420), (602, 26423), (611, 26435), (613, 26438), (625, 26468), (630, 26480),

Gene: JoeyJr_31 Start: 27687, Stop: 28688, Start Num: 164

Candidate Starts for JoeyJr_31:

(100, 27525), (Start: 164 @27687 has 214 MA's), (Start: 203 @27762 has 2 MA's), (222, 27795), (243, 27825), (254, 27846), (271, 27876), (278, 27888), (Start: 297 @27930 has 1 MA's), (Start: 313 @27954 has 1 MA's), (331, 27969), (339, 27981), (389, 28092), (440, 28206), (446, 28224), (464, 28263), (474, 28287), (487, 28323), (502, 28350), (521, 28389), (552, 28437), (570, 28497), (596, 28545), (603, 28557), (625, 28602), (630, 28614), (644, 28644),

Gene: Jolene_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Jolene_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: Jolie1_042 Start: 40346, Stop: 41341, Start Num: 175

Candidate Starts for Jolie1_042:

(Start: 175 @40346 has 331 MA's), (190, 40376), (Start: 202 @40397 has 32 MA's), (Start: 203 @40400 has 2 MA's), (261, 40487), (293, 40535), (356, 40637), (388, 40700), (389, 40706), (407, 40742), (432, 40790), (474, 40883), (479, 40901), (525, 40988), (528, 40991), (550, 41051), (553, 41063), (556, 41075), (558, 41081), (607, 41186), (668, 41318),

Gene: Jolie2_28 Start: 25718, Stop: 26938, Start Num: 96

Candidate Starts for Jolie2_28:

(76, 25637), (83, 25673), (86, 25679), (Start: 96 @25718 has 92 MA's), (184, 25922), (211, 25964), (273, 26072), (288, 26105), (300, 26138), (327, 26186), (361, 26270), (418, 26408), (461, 26498), (470, 26522), (477, 26537), (478, 26546), (483, 26558), (495, 26585), (501, 26597), (504, 26603), (506, 26606), (591, 26717), (625, 26798), (671, 26897), (672, 26900),

Gene: Jonghyun_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Jonghyun_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: JoongJeon_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for JoongJeon_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: JorRay_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for JorRay_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Jorgensen_10 Start: 5816, Stop: 6784, Start Num: 175

Candidate Starts for Jorgensen_10:

(Start: 175 @5816 has 331 MA's), (Start: 191 @5849 has 6 MA's), (Start: 202 @5867 has 32 MA's), (Start: 203 @5870 has 2 MA's), (331, 6059), (366, 6137), (389, 6188), (396, 6200), (430, 6275), (455, 6338), (468, 6371), (474, 6383), (479, 6401), (487, 6419), (500, 6443), (521, 6482), (563, 6563), (570, 6587), (571, 6590), (572, 6593), (581, 6602), (624, 6689), (663, 6776),

Gene: JoshKayV_13 Start: 6822, Stop: 7814, Start Num: 175

Candidate Starts for JoshKayV_13:

(Start: 175 @6822 has 331 MA's), (Start: 191 @6855 has 6 MA's), (Start: 202 @6873 has 32 MA's), (Start: 203 @6876 has 2 MA's), (222, 6909), (331, 7050), (344, 7077), (368, 7137), (389, 7182), (430, 7269), (450, 7314), (476, 7353), (497, 7401), (507, 7416), (542, 7482), (552, 7524), (580, 7611), (607, 7659), (636, 7725), (669, 7800),

Gene: Joy99_31 Start: 26423, Stop: 27295, Start Num: 227

Candidate Starts for Joy99_31:

(85, 26093), (165, 26321), (Start: 209 @26396 has 127 MA's), (Start: 227 @26423 has 136 MA's), (Start: 238 @26435 has 1 MA's), (275, 26504), (288, 26531), (300, 26561), (307, 26570), (327, 26606), (332, 26615), (346, 26648), (352, 26666), (367, 26696), (397, 26756), (465, 26891), (478, 26918), (489, 26939), (499, 26963), (539, 27014), (596, 27116), (621, 27152), (630, 27176), (674, 27275), (676, 27284),

Gene: Jsquared_10 Start: 5553, Stop: 6317, Start Num: 311

Candidate Starts for Jsquared_10:

(Start: 311 @5553 has 12 MA's), (389, 5697), (430, 5784), (440, 5811), (441, 5814), (444, 5823), (474, 5892), (479, 5910), (552, 6051), (559, 6078), (565, 6093), (570, 6111), (571, 6114), (620, 6204), (645, 6273),

Gene: Jubie_28 Start: 26851, Stop: 27894, Start Num: 111

Candidate Starts for Jubie_28:

(Start: 111 @26851 has 20 MA's), (113, 26857), (126, 26884), (134, 26905), (159, 26956), (200, 27037), (259, 27142), (302, 27223), (307, 27229), (360, 27325), (369, 27343), (374, 27349), (377, 27355), (407, 27427), (436, 27484), (466, 27544), (501, 27619), (514, 27640), (590, 27664), (594, 27679), (598, 27691), (630, 27748), (674, 27850), (677, 27871),

Gene: Juice456_32 Start: 28821, Stop: 29822, Start Num: 164

Candidate Starts for Juice456_32:

(Start: 164 @28821 has 214 MA's), (Start: 203 @28896 has 2 MA's), (222, 28929), (243, 28959), (254, 28980), (Start: 297 @29064 has 1 MA's), (339, 29115), (346, 29130), (389, 29226), (439, 29337), (446, 29358), (464, 29397), (468, 29409), (487, 29457), (502, 29484), (516, 29508), (521, 29523), (570, 29631), (596, 29679), (630, 29748), (644, 29778),

Gene: JuicyJay_51 Start: 44324, Stop: 45190, Start Num: 202

Candidate Starts for JuicyJay_51:

(Start: 202 @44324 has 32 MA's), (Start: 218 @44351 has 1 MA's), (230, 44372), (278, 44459), (288, 44480), (308, 44525), (327, 44546), (342, 44567), (364, 44621), (387, 44672), (407, 44723), (473, 44873), (489, 44915), (517, 44966), (524, 44984), (584, 45050), (591, 45062), (593, 45071), (602, 45101), (633, 45164),

Gene: JuliaChild_12 Start: 6491, Stop: 7459, Start Num: 175

Candidate Starts for JuliaChild_12:

(Start: 175 @6491 has 331 MA's), (Start: 191 @6524 has 6 MA's), (Start: 202 @6542 has 32 MA's), (Start: 203 @6545 has 2 MA's), (366, 6812), (389, 6863), (396, 6875), (430, 6950), (455, 7013), (461, 7025), (468, 7046), (479, 7076), (487, 7094), (500, 7118), (521, 7157), (563, 7238), (570, 7262), (571,

7265), (572, 7268), (581, 7277), (624, 7364), (644, 7409), (663, 7451),

Gene: JulietS_241 Start: 141668, Stop: 142696, Start Num: 158

Candidate Starts for JulietS_241:

(Start: 158 @141668 has 220 MA's), (Start: 175 @141698 has 331 MA's), (Start: 203 @141752 has 2 MA's), (243, 141815), (254, 141836), (Start: 297 @141920 has 1 MA's), (331, 141962), (339, 141974), (346, 141989), (378, 142058), (389, 142085), (414, 142139), (427, 142184), (428, 142187), (460, 142265), (468, 142286), (521, 142397), (565, 142487), (570, 142505), (611, 142577), (625, 142610),

Gene: Juliette_34 Start: 27788, Stop: 28579, Start Num: 213

Candidate Starts for Juliette_34:

(Start: 213 @27788 has 23 MA's), (Start: 238 @27821 has 1 MA's), (255, 27854), (268, 27878), (280, 27899), (286, 27908), (295, 27938), (300, 27947), (307, 27956), (327, 27992), (371, 28073), (465, 28280), (478, 28307), (489, 28328), (499, 28352), (594, 28376), (625, 28430), (630, 28442), (659, 28514),

Gene: Jung_26 Start: 24014, Stop: 25180, Start Num: 110

Candidate Starts for Jung_26:

(Start: 110 @24014 has 51 MA's), (114, 24023), (132, 24068), (134, 24071), (178, 24158), (207, 24203), (230, 24236), (249, 24278), (264, 24299), (300, 24383), (327, 24422), (354, 24488), (365, 24518), (379, 24539), (397, 24584), (434, 24680), (447, 24719), (461, 24734), (465, 24746), (477, 24773), (517, 24860), (524, 24878), (531, 24884), (571, 24932), (621, 25025), (651, 25100),

Gene: Juniormint_27 Start: 24090, Stop: 25256, Start Num: 110

Candidate Starts for Juniormint_27:

(15, 23337), (36, 23604), (43, 23709), (Start: 110 @24090 has 51 MA's), (114, 24099), (132, 24144), (134, 24147), (178, 24234), (207, 24279), (249, 24354), (264, 24375), (273, 24393), (300, 24459), (327, 24498), (354, 24564), (365, 24594), (379, 24615), (397, 24660), (434, 24756), (447, 24795), (461, 24810), (477, 24849), (517, 24936), (524, 24954), (531, 24960), (571, 25008), (621, 25101), (651, 25176),

Gene: Juniper1_31 Start: 27486, Stop: 28487, Start Num: 164

Candidate Starts for Juniper1_31:

(119, 27387), (Start: 164 @27486 has 214 MA's), (Start: 203 @27561 has 2 MA's), (222, 27594), (243, 27624), (254, 27645), (Start: 297 @27729 has 1 MA's), (Start: 313 @27753 has 1 MA's), (331, 27768), (339, 27780), (389, 27891), (440, 28005), (446, 28023), (464, 28062), (474, 28086), (487, 28122), (502, 28149), (521, 28188), (552, 28236), (570, 28296), (603, 28356), (625, 28401), (630, 28413), (644, 28443),

Gene: JustASigh_26 Start: 26068, Stop: 27300, Start Num: 96

Candidate Starts for JustASigh_26:

(60, 25912), (61, 25930), (67, 25975), (Start: 96 @26068 has 92 MA's), (163, 26224), (168, 26236), (194, 26281), (215, 26314), (249, 26365), (278, 26413), (300, 26470), (307, 26485), (327, 26521), (334, 26533), (373, 26632), (421, 26749), (450, 26830), (461, 26854), (477, 26893), (506, 26962), (509, 26968), (511, 26971), (534, 27004), (577, 27052), (651, 27220), (657, 27232),

Gene: JustHall_246 Start: 143618, Stop: 144646, Start Num: 158

Candidate Starts for JustHall_246:

(Start: 158 @143618 has 220 MA's), (Start: 175 @143648 has 331 MA's), (182, 143660), (Start: 203 @143702 has 2 MA's), (243, 143765), (254, 143786), (Start: 297 @143870 has 1 MA's), (331, 143912), (339, 143924), (346, 143939), (378, 144008), (389, 144035), (414, 144089), (427, 144134), (428, 144137), (460, 144215), (468, 144236), (521, 144347), (565, 144437), (570, 144455), (611, 144527), (625, 144560),

Gene: KADY_13 Start: 6046, Stop: 7011, Start Num: 166

Candidate Starts for KADY_13:

(Start: 166 @6046 has 96 MA's), (Start: 191 @6091 has 6 MA's), (Start: 203 @6112 has 2 MA's), (280, 6232), (362, 6370), (389, 6427), (398, 6442), (439, 6523), (444, 6538), (452, 6556), (474, 6607), (479, 6625), (502, 6670), (552, 6766), (571, 6829), (620, 6919),

Gene: KBG_11 Start: 6924, Stop: 7892, Start Num: 175

Candidate Starts for KBG_11:

(Start: 175 @6924 has 331 MA's), (Start: 191 @6957 has 6 MA's), (Start: 202 @6975 has 32 MA's), (Start: 203 @6978 has 2 MA's), (366, 7245), (389, 7296), (396, 7308), (430, 7383), (455, 7446), (461, 7458), (468, 7479), (474, 7491), (479, 7509), (487, 7527), (500, 7551), (521, 7590), (563, 7671), (570, 7695), (571, 7698), (572, 7701), (581, 7710), (624, 7797), (663, 7884),

Gene: KFPoly_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for KFPoly_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: KLUckY39_49 Start: 41716, Stop: 43071, Start Num: 89

Candidate Starts for KLUckY39_49:

(Start: 89 @41716 has 280 MA's), (Start: 105 @41767 has 11 MA's), (119, 41800), (185, 41929), (186, 41932), (194, 41947), (249, 42043), (273, 42082), (287, 42112), (300, 42148), (354, 42259), (365, 42289), (367, 42292), (397, 42358), (457, 42517), (477, 42565), (481, 42583), (504, 42631), (566, 42775), (588, 42835), (628, 42940), (671, 43027),

Gene: KSSJEB_9 Start: 5491, Stop: 6459, Start Num: 175

Candidate Starts for KSSJEB_9:

(Start: 175 @5491 has 331 MA's), (Start: 191 @5524 has 6 MA's), (Start: 202 @5542 has 32 MA's), (Start: 203 @5545 has 2 MA's), (366, 5812), (378, 5830), (389, 5863), (396, 5875), (430, 5950), (455, 6013), (468, 6046), (474, 6058), (479, 6076), (485, 6091), (487, 6094), (500, 6118), (521, 6157), (563, 6238), (570, 6262), (571, 6265), (572, 6268), (581, 6277), (624, 6364), (663, 6451),

Gene: Kachowdy_10 Start: 5790, Stop: 6530, Start Num: 315

Candidate Starts for Kachowdy_10:

(Start: 315 @5790 has 18 MA's), (362, 5877), (389, 5934), (396, 5946), (398, 5949), (408, 5973), (414, 5988), (427, 6006), (439, 6036), (441, 6042), (452, 6069), (479, 6138), (518, 6210), (546, 6252), (552, 6279), (559, 6306), (570, 6339), (571, 6342), (593, 6381), (666, 6522),

Gene: Kahlid_28 Start: 26308, Stop: 27279, Start Num: 112

Candidate Starts for Kahlid_28:

(Start: 112 @26308 has 24 MA's), (134, 26362), (192, 26482), (211, 26512), (219, 26527), (Start: 238 @26560 has 1 MA's), (240, 26563), (244, 26572), (255, 26593), (288, 26656), (307, 26683), (319, 26707), (338, 26737), (365, 26788), (374, 26800), (402, 26863), (407, 26878), (431, 26938), (437, 26953), (478, 27034), (488, 27052), (489, 27055), (491, 27058), (597, 27109), (625, 27154), (644, 27196), (664, 27238),

Gene: Kahve_48 Start: 41414, Stop: 42769, Start Num: 89

Candidate Starts for Kahve_48:

(Start: 89 @41414 has 280 MA's), (Start: 105 @41465 has 11 MA's), (119, 41498), (150, 41561), (185, 41627), (186, 41630), (194, 41645), (249, 41741), (273, 41780), (287, 41810), (300, 41846), (354, 41957), (365, 41987), (367, 41990), (397, 42056), (457, 42215), (477, 42263), (481, 42281), (504,

42329), (566, 42473), (588, 42533), (628, 42638), (671, 42725),

Gene: Kailash_49 Start: 41776, Stop: 43131, Start Num: 89

Candidate Starts for Kailash_49:

(Start: 89 @41776 has 280 MA's), (Start: 105 @41827 has 11 MA's), (119, 41860), (185, 41989), (186, 41992), (194, 42007), (249, 42103), (273, 42142), (287, 42172), (300, 42208), (354, 42319), (365, 42349), (367, 42352), (397, 42418), (457, 42577), (477, 42625), (481, 42643), (504, 42691), (566, 42835), (588, 42895), (628, 43000), (671, 43087),

Gene: Kalah2_49 Start: 42912, Stop: 43784, Start Num: 202

Candidate Starts for Kalah2_49:

(Start: 202 @42912 has 32 MA's), (Start: 218 @42939 has 1 MA's), (251, 42999), (278, 43047), (308, 43113), (327, 43134), (342, 43155), (364, 43209), (400, 43290), (522, 43569), (524, 43572), (545, 43596), (579, 43632), (590, 43647), (593, 43659), (601, 43680),

Gene: Kalb97_13 Start: 6031, Stop: 6996, Start Num: 166

Candidate Starts for Kalb97_13:

(Start: 166 @6031 has 96 MA's), (Start: 203 @6097 has 2 MA's), (241, 6151), (291, 6229), (362, 6352), (389, 6409), (430, 6481), (444, 6520), (452, 6538), (479, 6607), (546, 6724), (552, 6751), (571, 6814), (620, 6904), (622, 6910),

Gene: Kalnoky_13 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Kalnoky_13:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: Kalpine_14 Start: 8215, Stop: 9192, Start Num: 175

Candidate Starts for Kalpine_14:

(149, 8173), (Start: 175 @8215 has 331 MA's), (Start: 203 @8269 has 2 MA's), (362, 8506), (389, 8563), (430, 8647), (444, 8686), (474, 8755), (475, 8758), (479, 8773), (513, 8836), (540, 8878), (552, 8926), (559, 8953), (565, 8968), (570, 8986), (571, 8989),

Gene: Kamiyu_47 Start: 41505, Stop: 42569, Start Num: 151

Candidate Starts for Kamiyu_47:

(Start: 151 @41505 has 50 MA's), (184, 41568), (236, 41649), (271, 41715), (279, 41730), (288, 41742), (298, 41769), (343, 41826), (346, 41835), (413, 41982), (419, 41997), (439, 42051), (452, 42084), (467, 42123), (475, 42135), (518, 42216), (533, 42234), (535, 42237), (596, 42393), (649, 42504), (658, 42525), (673, 42558),

Gene: Kamy_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Kamy_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Kamryn_251 Start: 145208, Stop: 146236, Start Num: 158

Candidate Starts for Kamryn_251:

(Start: 158 @145208 has 220 MA's), (Start: 175 @145238 has 331 MA's), (182, 145250), (Start: 203 @145292 has 2 MA's), (243, 145355), (254, 145376), (Start: 297 @145460 has 1 MA's), (331, 145502), (339, 145514), (346, 145529), (378, 145598), (389, 145625), (414, 145679), (427, 145724), (428, 145727), (460, 145805), (468, 145826), (521, 145937), (565, 146027), (570, 146045), (611, 146117), (625, 146150),

Gene: Kanely_11 Start: 6601, Stop: 7569, Start Num: 175

Candidate Starts for Kanely_11:

(Start: 175 @6601 has 331 MA's), (Start: 191 @6634 has 6 MA's), (Start: 202 @6652 has 32 MA's), (Start: 203 @6655 has 2 MA's), (366, 6922), (389, 6973), (396, 6985), (430, 7060), (455, 7123), (468, 7156), (474, 7168), (479, 7186), (487, 7204), (500, 7228), (521, 7267), (563, 7348), (570, 7372), (571, 7375), (572, 7378), (581, 7387), (624, 7474), (663, 7561),

Gene: Kanye_37 Start: 32844, Stop: 33701, Start Num: 209

Candidate Starts for Kanye_37:

(Start: 209 @32844 has 127 MA's), (229, 32883), (244, 32913), (255, 32934), (274, 32970), (288, 33000), (327, 33075), (352, 33123), (355, 33126), (365, 33150), (367, 33153), (378, 33168), (443, 33339), (494, 33453), (501, 33468), (504, 33474), (582, 33516), (584, 33519), (612, 33573), (646, 33651), (662, 33684),

Gene: Kareem_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Kareem_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Karhdo_31 Start: 27651, Stop: 28652, Start Num: 164

Candidate Starts for Karhdo_31:

(35, 27030), (41, 27108), (45, 27171), (53, 27210), (70, 27363), (79, 27399), (Start: 164 @27651 has 214 MA's), (Start: 175 @27672 has 331 MA's), (182, 27684), (Start: 203 @27726 has 2 MA's), (243, 27789), (254, 27810), (271, 27840), (Start: 297 @27894 has 1 MA's), (Start: 313 @27918 has 1 MA's), (339, 27945), (389, 28056), (440, 28170), (446, 28188), (464, 28227), (474, 28251), (487, 28287), (502, 28314), (521, 28353), (552, 28401), (570, 28461), (603, 28521), (630, 28578), (644, 28608),

Gene: Kari_27 Start: 24049, Stop: 25215, Start Num: 110

Candidate Starts for Kari_27:

(Start: 110 @24049 has 51 MA's), (134, 24106), (178, 24193), (207, 24238), (249, 24313), (264, 24334), (300, 24418), (327, 24457), (354, 24523), (365, 24553), (379, 24574), (397, 24619), (434, 24715), (447, 24754), (461, 24769), (465, 24781), (477, 24808), (517, 24895), (524, 24913), (531, 24919), (571, 24967), (588, 24988), (621, 25060), (651, 25135),

Gene: Karn_48 Start: 41420, Stop: 42775, Start Num: 89

Candidate Starts for Karn_48:

(Start: 89 @41420 has 280 MA's), (Start: 105 @41471 has 11 MA's), (119, 41504), (185, 41633), (186, 41636), (194, 41651), (249, 41747), (273, 41786), (287, 41816), (300, 41852), (354, 41963), (365, 41993), (367, 41996), (397, 42062), (457, 42221), (477, 42269), (481, 42287), (504, 42335), (566, 42479), (588, 42539), (628, 42644), (671, 42731),

Gene: Kasen3_28 Start: 25202, Stop: 26410, Start Num: 96

Candidate Starts for Kasen3_28:

(72, 25109), (Start: 96 @25202 has 92 MA's), (168, 25376), (211, 25448), (273, 25547), (278, 25556), (285, 25568), (288, 25580), (293, 25589), (300, 25613), (310, 25634), (327, 25661), (334, 25673), (361, 25745), (381, 25784), (461, 25973), (470, 25997), (477, 26012), (483, 26033), (504, 26078), (506, 26081), (541, 26132),

Gene: KashFlow_42 Start: 36675, Stop: 37547, Start Num: 202

Candidate Starts for KashFlow_42:

(121, 36504), (Start: 202 @36675 has 32 MA's), (Start: 218 @36702 has 1 MA's), (251, 36762), (285, 36819), (288, 36831), (308, 36876), (327, 36897), (342, 36918), (364, 36972), (400, 37053), (453, 37194), (522, 37332), (524, 37335), (545, 37359), (579, 37395), (590, 37410), (593, 37422), (601, 37443),

Gene: Katalie136_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for Katalie136_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (388, 6241), (389, 6247), (396, 6259), (409, 6289), (432, 6331), (450, 6379), (469, 6409), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: Katniss_50 Start: 41857, Stop: 43212, Start Num: 89

Candidate Starts for Katniss_50:

(Start: 89 @41857 has 280 MA's), (Start: 105 @41908 has 11 MA's), (119, 41941), (185, 42070), (186, 42073), (194, 42088), (249, 42184), (273, 42223), (287, 42253), (300, 42289), (354, 42400), (365, 42430), (367, 42433), (397, 42499), (457, 42658), (477, 42706), (481, 42724), (504, 42772), (566, 42916), (588, 42976), (628, 43081), (671, 43168),

Gene: KayaCho_42 Start: 40350, Stop: 41360, Start Num: 175

Candidate Starts for KayaCho_42:

(Start: 175 @40350 has 331 MA's), (190, 40380), (Start: 202 @40401 has 32 MA's), (Start: 203 @40404 has 2 MA's), (261, 40491), (388, 40704), (389, 40710), (417, 40767), (420, 40773), (432, 40794), (466, 40884), (479, 40920), (525, 41007), (550, 41070), (553, 41082), (556, 41094), (570, 41139), (598, 41193), (607, 41205), (668, 41337),

Gene: Kboogie_256 Start: 144247, Stop: 145275, Start Num: 158

Candidate Starts for Kboogie_256:

(Start: 158 @144247 has 220 MA's), (Start: 175 @144277 has 331 MA's), (182, 144289), (Start: 203 @144331 has 2 MA's), (243, 144394), (254, 144415), (Start: 297 @144499 has 1 MA's), (331, 144541), (339, 144553), (346, 144568), (378, 144637), (389, 144664), (414, 144718), (427, 144763), (428, 144766), (460, 144844), (468, 144865), (521, 144976), (565, 145066), (570, 145084), (611, 145156), (625, 145189),

Gene: Keitherie_49 Start: 41760, Stop: 43115, Start Num: 89

Candidate Starts for Keitherie_49:

(Start: 89 @41760 has 280 MA's), (Start: 105 @41811 has 11 MA's), (119, 41844), (185, 41973), (186, 41976), (194, 41991), (249, 42087), (273, 42126), (287, 42156), (300, 42192), (354, 42303), (365, 42333), (367, 42336), (397, 42402), (457, 42561), (477, 42609), (481, 42627), (504, 42675), (566, 42819), (588, 42879), (628, 42984), (671, 43071),

Gene: KekoraPapaka_9 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for KekoraPapaka_9:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Kenmech_12 Start: 6603, Stop: 7571, Start Num: 175

Candidate Starts for Kenmech_12:

(Start: 175 @6603 has 331 MA's), (Start: 191 @6636 has 6 MA's), (Start: 202 @6654 has 32 MA's), (Start: 203 @6657 has 2 MA's), (366, 6924), (389, 6975), (396, 6987), (430, 7062), (468, 7158), (479, 7188), (487, 7206), (500, 7230), (521, 7269), (563, 7350), (570, 7374), (571, 7377), (572, 7380), (581, 7389), (624, 7476), (644, 7521), (663, 7563),

Gene: Kenuha5_28 Start: 26636, Stop: 27637, Start Num: 158

Candidate Starts for Kenuha5_28:

(Start: 158 @26636 has 220 MA's), (Start: 203 @26711 has 2 MA's), (222, 26744), (243, 26774), (254, 26795), (271, 26825), (278, 26837), (Start: 297 @26879 has 1 MA's), (339, 26930), (346, 26945), (389, 27041), (439, 27152), (446, 27173), (464, 27212), (468, 27224), (487, 27272), (502, 27299), (516, 27323), (521, 27338), (570, 27446), (596, 27494), (630, 27563), (644, 27593),

Gene: Kerberos_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for Kerberos_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (546, 7068), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: Kersh_30 Start: 28727, Stop: 29728, Start Num: 164

Candidate Starts for Kersh_30:

(119, 28628), (Start: 164 @28727 has 214 MA's), (Start: 175 @28748 has 331 MA's), (182, 28760), (Start: 203 @28802 has 2 MA's), (222, 28835), (243, 28865), (254, 28886), (Start: 297 @28970 has 1 MA's), (Start: 313 @28994 has 1 MA's), (331, 29009), (339, 29021), (389, 29132), (440, 29246), (446, 29264), (464, 29303), (474, 29327), (487, 29363), (502, 29390), (521, 29429), (552, 29477), (570, 29537), (596, 29585), (603, 29597), (625, 29642), (630, 29654), (644, 29684),

Gene: Keshu_32 Start: 27384, Stop: 28172, Start Num: 227

Candidate Starts for Keshu_32:

(Start: 209 @27360 has 127 MA's), (Start: 227 @27384 has 136 MA's), (255, 27429), (275, 27465), (300, 27522), (307, 27531), (327, 27567), (352, 27621), (364, 27645), (433, 27786), (465, 27849), (478, 27891), (489, 27912), (491, 27918), (499, 27936), (593, 27966), (630, 28035), (659, 28107), (674, 28137),

Gene: Kevin1_27 Start: 22755, Stop: 23915, Start Num: 110

Candidate Starts for Kevin1_27:

(10, 21801), (15, 21996), (29, 22230), (43, 22383), (Start: 110 @22755 has 51 MA's), (134, 22812), (178, 22899), (249, 23019), (327, 23163), (334, 23175), (354, 23229), (364, 23256), (365, 23259), (379, 23280), (397, 23325), (421, 23388), (461, 23475), (465, 23487), (477, 23514), (483, 23535), (506, 23583), (517, 23601), (579, 23679), (590, 23694), (621, 23760),

Gene: Khaleesi_251 Start: 145031, Stop: 146059, Start Num: 158

Candidate Starts for Khaleesi_251:

(Start: 158 @145031 has 220 MA's), (Start: 175 @145061 has 331 MA's), (182, 145073), (Start: 203 @145115 has 2 MA's), (243, 145178), (254, 145199), (Start: 297 @145283 has 1 MA's), (331, 145325), (339, 145337), (346, 145352), (378, 145421), (389, 145448), (414, 145502), (427, 145547), (428, 145550), (460, 145628), (468, 145649), (521, 145760), (565, 145850), (570, 145868), (611, 145940), (625, 145973),

Gene: Khan1_49 Start: 41435, Stop: 42790, Start Num: 89

Candidate Starts for Khan1_49:

(Start: 89 @41435 has 280 MA's), (Start: 105 @41486 has 11 MA's), (119, 41519), (185, 41648), (186, 41651), (194, 41666), (249, 41762), (273, 41801), (287, 41831), (300, 41867), (354, 41978), (365, 42008), (367, 42011), (397, 42077), (457, 42236), (477, 42284), (481, 42302), (504, 42350), (566, 42494), (588, 42554), (628, 42659), (671, 42746),

Gene: KiSi_30 Start: 25623, Stop: 26363, Start Num: 227

Candidate Starts for KiSi_30:

(165, 25521), (176, 25542), (196, 25575), (Start: 209 @25596 has 127 MA's), (Start: 227 @25623 has 136 MA's), (255, 25668), (275, 25704), (307, 25761), (327, 25797), (346, 25839), (367, 25887), (397, 25947), (465, 26082), (478, 26109), (491, 26136), (499, 26154), (594, 26178), (621, 26220), (628, 26241), (630, 26244), (674, 26343),

Gene: KikiBouba_11 Start: 6578, Stop: 7540, Start Num: 175

Candidate Starts for KikiBouba_11:

(Start: 175 @6578 has 331 MA's), (Start: 191 @6611 has 6 MA's), (Start: 202 @6629 has 32 MA's), (Start: 203 @6632 has 2 MA's), (366, 6899), (389, 6944), (432, 7034), (464, 7115), (468, 7127), (474, 7139), (479, 7157), (487, 7175), (500, 7199), (521, 7238), (563, 7319), (570, 7343), (571, 7346), (572, 7349), (581, 7358), (624, 7445), (644, 7490), (663, 7532),

Gene: Kikipoo_50 Start: 41848, Stop: 43203, Start Num: 89

Candidate Starts for Kikipoo_50:

(Start: 89 @41848 has 280 MA's), (Start: 105 @41899 has 11 MA's), (119, 41932), (185, 42061), (186, 42064), (194, 42079), (249, 42175), (273, 42214), (287, 42244), (300, 42280), (354, 42391), (365, 42421), (367, 42424), (397, 42490), (457, 42649), (477, 42697), (481, 42715), (504, 42763), (566, 42907), (588, 42967), (628, 43072), (671, 43159),

Gene: KilKor_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for KilKor_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: Killigrew_8 Start: 5466, Stop: 6434, Start Num: 175

Candidate Starts for Killigrew_8:

(Start: 175 @5466 has 331 MA's), (Start: 191 @5499 has 6 MA's), (Start: 202 @5517 has 32 MA's), (Start: 203 @5520 has 2 MA's), (366, 5787), (378, 5805), (389, 5838), (396, 5850), (430, 5925), (455, 5988), (468, 6021), (479, 6051), (487, 6069), (500, 6093), (521, 6132), (563, 6213), (570, 6237), (571, 6240), (572, 6243), (581, 6252), (624, 6339), (663, 6426),

Gene: Kimberlium_33 Start: 28888, Stop: 29646, Start Num: 297

Candidate Starts for Kimberlium_33:

(Start: 297 @28888 has 1 MA's), (Start: 313 @28912 has 1 MA's), (331, 28927), (339, 28939), (389, 29050), (440, 29164), (446, 29182), (464, 29221), (474, 29245), (487, 29281), (502, 29308), (521, 29347), (570, 29455), (596, 29503), (603, 29515), (625, 29560), (630, 29572), (644, 29602),

Gene: Kimbrough_49 Start: 41421, Stop: 42776, Start Num: 89

Candidate Starts for Kimbrough_49:

(Start: 89 @41421 has 280 MA's), (Start: 105 @41472 has 11 MA's), (119, 41505), (128, 41523), (185, 41634), (186, 41637), (194, 41652), (249, 41748), (273, 41787), (287, 41817), (300, 41853), (354, 41964), (365, 41994), (367, 41997), (397, 42063), (457, 42222), (477, 42270), (481, 42288), (504, 42336), (566, 42480), (588, 42540), (628, 42645), (671, 42732),

Gene: Kimchi_37 Start: 31851, Stop: 32708, Start Num: 209

Candidate Starts for Kimchi_37:

(Start: 209 @31851 has 127 MA's), (229, 31890), (244, 31920), (255, 31941), (274, 31977), (288, 32007), (327, 32082), (352, 32130), (355, 32133), (365, 32157), (367, 32160), (378, 32175), (443, 32346), (494, 32460), (501, 32475), (504, 32481), (582, 32523), (584, 32526), (612, 32580), (646, 32658), (662, 32691),

Gene: Kimona_7 Start: 3551, Stop: 4285, Start Num: 326

Candidate Starts for Kimona_7:

(220, 3389), (Start: 326 @3551 has 2 MA's), (389, 3692), (398, 3707), (408, 3731), (441, 3800), (452, 3827), (479, 3896), (552, 4037), (559, 4064), (571, 4100), (593, 4139), (653, 4262),

Gene: Kinbote_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Kinbote_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: KingCyrus_13 Start: 6810, Stop: 7802, Start Num: 175

Candidate Starts for KingCyrus_13:

(Start: 175 @6810 has 331 MA's), (Start: 202 @6861 has 32 MA's), (Start: 203 @6864 has 2 MA's), (237, 6912), (331, 7038), (344, 7065), (368, 7125), (389, 7170), (430, 7257), (450, 7302), (476, 7341), (497, 7389), (507, 7404), (542, 7470), (549, 7494), (552, 7512), (580, 7599), (607, 7647), (636, 7713), (669, 7788),

Gene: KingJulian_31 Start: 27715, Stop: 28716, Start Num: 164

Candidate Starts for KingJulian_31:

(Start: 164 @27715 has 214 MA's), (Start: 203 @27790 has 2 MA's), (222, 27823), (243, 27853), (254, 27874), (271, 27904), (Start: 297 @27958 has 1 MA's), (Start: 313 @27982 has 1 MA's), (331, 27997), (339, 28009), (389, 28120), (440, 28234), (446, 28252), (464, 28291), (474, 28315), (487, 28351), (502, 28378), (521, 28417), (570, 28525), (596, 28573), (603, 28585), (625, 28630), (630, 28642), (644, 28672),

Gene: KingMidas_33 Start: 29367, Stop: 30383, Start Num: 164

Candidate Starts for KingMidas_33:

(97, 29223), (117, 29295), (Start: 164 @29367 has 214 MA's), (232, 29499), (243, 29520), (254, 29541), (Start: 297 @29625 has 1 MA's), (339, 29676), (389, 29787), (439, 29898), (446, 29919), (464, 29958), (468, 29970), (487, 30018), (502, 30045), (516, 30069), (521, 30084), (570, 30192), (603, 30252), (630, 30309), (644, 30339),

Gene: KingPhillip3_66 Start: 43434, Stop: 44474, Start Num: 160

Candidate Starts for KingPhillip3_66:

(Start: 160 @43434 has 30 MA's), (Start: 203 @43509 has 2 MA's), (243, 43590), (246, 43596), (254, 43611), (295, 43692), (Start: 297 @43695 has 1 MA's), (339, 43749), (346, 43764), (389, 43860), (408, 43899), (416, 43929), (427, 43959), (428, 43962), (441, 43995), (468, 44061), (482, 44100), (487, 44109), (502, 44136), (521, 44175), (608, 44349), (630, 44400),

Gene: KingTut_40 Start: 37084, Stop: 38439, Start Num: 89

Candidate Starts for KingTut_40:

(Start: 89 @37084 has 280 MA's), (Start: 105 @37135 has 11 MA's), (119, 37168), (185, 37297), (186, 37300), (194, 37315), (249, 37411), (273, 37450), (287, 37480), (300, 37516), (354, 37627), (365, 37657), (367, 37660), (397, 37726), (457, 37885), (477, 37933), (481, 37951), (504, 37999), (566, 38143), (588, 38203), (628, 38308), (671, 38395),

Gene: KingVeVeVe_49 Start: 41692, Stop: 43047, Start Num: 89

Candidate Starts for KingVeVeVe_49:

(Start: 89 @41692 has 280 MA's), (Start: 105 @41743 has 11 MA's), (119, 41776), (128, 41794), (185, 41905), (186, 41908), (194, 41923), (249, 42019), (273, 42058), (287, 42088), (300, 42124), (354, 42235), (365, 42265), (367, 42268), (397, 42334), (457, 42493), (477, 42541), (481, 42559), (504, 42607), (566, 42751), (588, 42811), (628, 42916), (671, 43003),

Gene: Kingmustik0402_10 Start: 5873, Stop: 6853, Start Num: 177

Candidate Starts for Kingmustik0402_10:

(Start: 177 @5873 has 116 MA's), (Start: 179 @5876 has 14 MA's), (190, 5900), (Start: 202 @5921 has 32 MA's), (Start: 203 @5924 has 2 MA's), (362, 6173), (389, 6230), (420, 6293), (432, 6314), (439, 6335), (450, 6362), (469, 6392), (479, 6419), (550, 6569), (594, 6680), (598, 6692), (607, 6704), (639, 6770),

Gene: Kingsley_30 Start: 27238, Stop: 28308, Start Num: 164

Candidate Starts for Kingsley_30:

(138, 27187), (Start: 164 @27238 has 214 MA's), (Start: 179 @27265 has 14 MA's), (Start: 191 @27292 has 6 MA's), (197, 27301), (236, 27361), (248, 27388), (288, 27454), (316, 27508), (346, 27550), (366, 27601), (413, 27715), (423, 27748), (445, 27823), (454, 27844), (518, 27973), (552, 28045), (592, 28141), (596, 28153), (630, 28222), (654, 28279), (660, 28288),

Gene: Kingsolomon_28 Start: 26850, Stop: 27893, Start Num: 111

Candidate Starts for Kingsolomon_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: Kinmap_10 Start: 6423, Stop: 7412, Start Num: 175

Candidate Starts for Kinmap_10:

(Start: 175 @6423 has 331 MA's), (190, 6453), (198, 6468), (Start: 203 @6477 has 2 MA's), (388, 6777), (389, 6783), (406, 6816), (407, 6819), (432, 6858), (450, 6906), (479, 6972), (550, 7122), (573, 7200), (587, 7215), (607, 7257), (623, 7293), (639, 7329),

Gene: KirDoubleO7_26 Start: 26843, Stop: 27886, Start Num: 111

Candidate Starts for KirDoubleO7_26:

(Start: 111 @26843 has 20 MA's), (113, 26849), (126, 26876), (134, 26897), (159, 26948), (200, 27029), (259, 27134), (302, 27215), (307, 27221), (329, 27263), (360, 27317), (369, 27335), (374, 27341), (377, 27347), (407, 27419), (436, 27476), (466, 27536), (501, 27611), (590, 27656), (594, 27671), (596, 27677), (630, 27740), (674, 27842), (677, 27863), (679, 27869),

Gene: KittenMittens_9 Start: 3781, Stop: 4755, Start Num: 175

Candidate Starts for KittenMittens_9:

(152, 3742), (Start: 175 @3781 has 331 MA's), (Start: 191 @3814 has 6 MA's), (Start: 203 @3835 has 2 MA's), (Start: 315 @4003 has 18 MA's), (339, 4045), (344, 4060), (389, 4165), (430, 4237), (440, 4264), (441, 4267), (444, 4276), (479, 4363), (552, 4510), (571, 4573), (593, 4612), (618, 4654),

Gene: Klein_49 Start: 42136, Stop: 43002, Start Num: 202

Candidate Starts for Klein_49:

(Start: 202 @42136 has 32 MA's), (Start: 218 @42163 has 1 MA's), (230, 42184), (278, 42271), (288, 42292), (308, 42337), (327, 42358), (342, 42379), (364, 42433), (387, 42484), (407, 42535), (473, 42685), (489, 42727), (517, 42778), (524, 42796), (584, 42862), (591, 42874), (593, 42883), (602, 42913), (633, 42976),

Gene: KleverKiS_38 Start: 31774, Stop: 32745, Start Num: 206

Candidate Starts for KleverKiS_38:

(Start: 206 @31774 has 15 MA's), (220, 31798), (228, 31813), (295, 31951), (309, 31978), (Start: 326 @31996 has 2 MA's), (333, 32008), (339, 32017), (356, 32062), (362, 32074), (378, 32101), (389, 32128), (396, 32140), (416, 32185), (428, 32212), (440, 32242), (443, 32251), (444, 32254), (495, 32356), (563, 32509), (564, 32512), (592, 32572), (596, 32584), (599, 32593), (621, 32629), (626, 32644), (642, 32683), (653, 32716),

Gene: KlimbOn_49 Start: 41710, Stop: 43065, Start Num: 89

Candidate Starts for KlimbOn_49:

(Start: 89 @41710 has 280 MA's), (Start: 105 @41761 has 11 MA's), (119, 41794), (128, 41812), (185, 41923), (186, 41926), (194, 41941), (249, 42037), (273, 42076), (287, 42106), (300, 42142), (354, 42253), (365, 42283), (367, 42286), (397, 42352), (457, 42511), (477, 42559), (481, 42577), (504, 42625), (566, 42769), (588, 42829), (628, 42934), (651, 42988), (671, 43021),

Gene: Kloppinator_50 Start: 42123, Stop: 43478, Start Num: 89

Candidate Starts for Kloppinator_50:

(Start: 89 @42123 has 280 MA's), (Start: 105 @42174 has 11 MA's), (119, 42207), (185, 42336), (186, 42339), (194, 42354), (249, 42450), (273, 42489), (287, 42519), (300, 42555), (354, 42666), (365, 42696), (367, 42699), (397, 42765), (457, 42924), (477, 42972), (481, 42990), (504, 43038), (566, 43182), (588, 43242), (628, 43347), (671, 43434),

Gene: Klocker_50 Start: 44291, Stop: 45292, Start Num: 174

Candidate Starts for Klocker_50:

(Start: 174 @44291 has 4 MA's), (190, 44321), (Start: 202 @44342 has 32 MA's), (Start: 203 @44345 has 2 MA's), (237, 44393), (261, 44432), (331, 44519), (388, 44645), (389, 44651), (407, 44687), (420, 44714), (432, 44735), (456, 44798), (468, 44816), (479, 44846), (495, 44876), (532, 44942), (555, 45017), (556, 45020), (569, 45062), (572, 45071), (607, 45131), (612, 45140), (661, 45251), (668, 45263), (674, 45281),

Gene: Koan_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Koan_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712),

Gene: Koduck_11 Start: 5840, Stop: 6604, Start Num: 311

Candidate Starts for Koduck_11:

(Start: 311 @5840 has 12 MA's), (389, 5984), (440, 6098), (441, 6101), (444, 6110), (479, 6197), (513, 6260), (552, 6338), (559, 6365), (565, 6380), (570, 6398), (571, 6401), (620, 6491), (645, 6560),

Gene: Koella_25 Start: 23673, Stop: 24674, Start Num: 164

Candidate Starts for Koella_25:

(Start: 164 @23673 has 214 MA's), (Start: 175 @23694 has 331 MA's), (182, 23706), (Start: 203 @23748 has 2 MA's), (243, 23811), (254, 23832), (271, 23862), (Start: 297 @23916 has 1 MA's), (Start: 313 @23940 has 1 MA's), (331, 23955), (339, 23967), (389, 24078), (440, 24192), (446, 24210), (464, 24249), (474, 24273), (487, 24309), (502, 24336), (521, 24375), (552, 24423), (570, 24483), (603, 24543), (630, 24600), (644, 24630),

Gene: Koguma_251 Start: 143830, Stop: 144858, Start Num: 158

Candidate Starts for Koguma_251:

(Start: 158 @143830 has 220 MA's), (Start: 175 @143860 has 331 MA's), (182, 143872), (Start: 203 @143914 has 2 MA's), (243, 143977), (254, 143998), (Start: 297 @144082 has 1 MA's), (331, 144124), (339, 144136), (346, 144151), (378, 144220), (389, 144247), (414, 144301), (427, 144346),

(428, 144349), (460, 144427), (468, 144448), (521, 144559), (565, 144649), (570, 144667), (611, 144739), (625, 144772),

Gene: Koreni_9 Start: 5530, Stop: 6510, Start Num: 177

Candidate Starts for Koreni_9:

(Start: 177 @5530 has 116 MA's), (Start: 179 @5533 has 14 MA's), (190, 5557), (Start: 202 @5578 has 32 MA's), (Start: 203 @5581 has 2 MA's), (362, 5830), (389, 5887), (432, 5971), (439, 5992), (450, 6019), (479, 6076), (550, 6226), (594, 6337), (598, 6349), (607, 6361), (639, 6427),

Gene: Kostya_36 Start: 31859, Stop: 32716, Start Num: 209

Candidate Starts for Kostya_36:

(Start: 209 @31859 has 127 MA's), (229, 31898), (244, 31928), (255, 31949), (274, 31985), (288, 32015), (327, 32090), (352, 32138), (355, 32141), (365, 32165), (367, 32168), (378, 32183), (443, 32354), (494, 32468), (501, 32483), (504, 32489), (582, 32531), (584, 32534), (612, 32588), (646, 32666), (662, 32699),

Gene: Krakatau_32 Start: 28214, Stop: 29215, Start Num: 164

Candidate Starts for Krakatau_32:

(Start: 164 @28214 has 214 MA's), (Start: 175 @28235 has 331 MA's), (182, 28247), (Start: 203 @28289 has 2 MA's), (243, 28352), (254, 28373), (271, 28403), (Start: 297 @28457 has 1 MA's), (Start: 313 @28481 has 1 MA's), (339, 28508), (389, 28619), (440, 28733), (446, 28751), (464, 28790), (474, 28814), (487, 28850), (502, 28877), (521, 28916), (552, 28964), (570, 29024), (603, 29084), (630, 29141), (644, 29171),

Gene: Kratak_10 Start: 5876, Stop: 6856, Start Num: 177

Candidate Starts for Kratak_10:

(Start: 177 @5876 has 116 MA's), (190, 5903), (Start: 203 @5927 has 2 MA's), (307, 6092), (362, 6176), (389, 6233), (396, 6245), (420, 6296), (432, 6317), (439, 6338), (450, 6365), (468, 6392), (479, 6422), (550, 6572), (598, 6695), (607, 6707), (639, 6773),

Gene: Kratio_29 Start: 26874, Stop: 27623, Start Num: 238

Candidate Starts for Kratio_29:

(196, 26814), (Start: 226 @26862 has 29 MA's), (Start: 238 @26874 has 1 MA's), (240, 26877), (242, 26880), (255, 26907), (275, 26943), (302, 27003), (307, 27009), (321, 27039), (327, 27045), (332, 27054), (346, 27087), (364, 27129), (365, 27132), (374, 27144), (390, 27180), (397, 27195), (410, 27231), (465, 27330), (478, 27357), (489, 27378), (596, 27441), (618, 27465), (625, 27489), (651, 27558), (674, 27603), (676, 27612),

Gene: Kraw_32 Start: 27553, Stop: 28344, Start Num: 213

Candidate Starts for Kraw_32:

(Start: 213 @27553 has 23 MA's), (Start: 238 @27586 has 1 MA's), (255, 27619), (268, 27643), (280, 27664), (300, 27712), (307, 27721), (327, 27757), (371, 27838), (465, 28045), (478, 28072), (481, 28078), (489, 28093), (499, 28117), (594, 28141), (612, 28162), (625, 28195), (630, 28207), (659, 28279),

Gene: Kremtemulon_10 Start: 5926, Stop: 6906, Start Num: 177

Candidate Starts for Kremtemulon_10:

(Start: 177 @5926 has 116 MA's), (190, 5953), (Start: 202 @5974 has 32 MA's), (Start: 203 @5977 has 2 MA's), (362, 6226), (388, 6277), (389, 6283), (396, 6295), (427, 6358), (432, 6367), (450, 6415), (479, 6472), (550, 6622), (556, 6646), (567, 6679), (595, 6736), (607, 6757), (639, 6823), (671, 6898),

Gene: Krili_66 Start: 42929, Stop: 43969, Start Num: 160

Candidate Starts for Krili_66:

(Start: 160 @42929 has 30 MA's), (Start: 203 @43004 has 2 MA's), (243, 43085), (246, 43091), (254, 43106), (295, 43187), (Start: 297 @43190 has 1 MA's), (339, 43244), (346, 43259), (389, 43355), (408, 43394), (416, 43424), (427, 43454), (428, 43457), (441, 43490), (468, 43556), (482, 43595), (487, 43604), (502, 43631), (521, 43670), (608, 43844), (630, 43895),

Gene: KristaRAM_32 Start: 28344, Stop: 29345, Start Num: 158

Candidate Starts for KristaRAM_32:

(Start: 158 @28344 has 220 MA's), (Start: 203 @28419 has 2 MA's), (222, 28452), (243, 28482), (254, 28503), (Start: 297 @28587 has 1 MA's), (339, 28638), (346, 28653), (389, 28749), (439, 28860), (446, 28881), (464, 28920), (468, 28932), (487, 28980), (502, 29007), (516, 29031), (521, 29046), (570, 29154), (596, 29202), (630, 29271), (644, 29301),

Gene: Kristoff_11 Start: 5884, Stop: 6858, Start Num: 175

Candidate Starts for Kristoff_11:

(Start: 175 @5884 has 331 MA's), (Start: 203 @5938 has 2 MA's), (299, 6091), (389, 6253), (398, 6268), (407, 6289), (439, 6361), (441, 6367), (444, 6376), (474, 6445), (479, 6463), (502, 6508), (513, 6526), (552, 6604), (559, 6631), (565, 6646), (571, 6667), (593, 6706), (620, 6757), (640, 6799), (663, 6850),

Gene: Kronus_46 Start: 42116, Stop: 43180, Start Num: 151

Candidate Starts for Kronus_46:

(Start: 151 @42116 has 50 MA's), (184, 42179), (236, 42260), (271, 42326), (279, 42341), (288, 42353), (298, 42380), (343, 42437), (346, 42446), (413, 42593), (419, 42608), (439, 42662), (452, 42695), (467, 42734), (475, 42746), (518, 42827), (533, 42845), (535, 42848), (552, 42893), (596, 43004), (649, 43115), (658, 43136), (673, 43169),

Gene: Kropertea_26 Start: 25279, Stop: 26301, Start Num: 169

Candidate Starts for Kropertea_26:

(Start: 169 @25279 has 29 MA's), (237, 25390), (239, 25393), (258, 25423), (261, 25429), (265, 25435), (293, 25489), (Start: 313 @25537 has 1 MA's), (322, 25555), (333, 25570), (346, 25600), (362, 25642), (389, 25699), (440, 25813), (444, 25825), (479, 25918), (523, 25999), (548, 26047), (554, 26065), (571, 26110), (581, 26122), (620, 26197), (630, 26224),

Gene: Krueger_31 Start: 25731, Stop: 26474, Start Num: 226

Candidate Starts for Krueger_31:

(91, 25440), (102, 25482), (165, 25629), (176, 25650), (196, 25683), (Start: 209 @25704 has 127 MA's), (Start: 226 @25731 has 29 MA's), (251, 25773), (255, 25779), (275, 25815), (300, 25863), (307, 25872), (327, 25908), (346, 25950), (397, 26058), (465, 26193), (476, 26208), (478, 26220), (489, 26241), (509, 26256), (511, 26259), (559, 26265), (625, 26343), (657, 26424), (671, 26445), (674, 26454),

Gene: Krypton555_28 Start: 26752, Stop: 27795, Start Num: 111

Candidate Starts for Krypton555_28:

(Start: 111 @26752 has 20 MA's), (113, 26758), (116, 26764), (126, 26785), (134, 26806), (159, 26857), (173, 26887), (200, 26938), (Start: 218 @26971 has 1 MA's), (Start: 226 @26983 has 29 MA's), (259, 27043), (302, 27124), (307, 27130), (332, 27175), (360, 27226), (369, 27244), (374, 27250), (377, 27256), (407, 27328), (436, 27385), (466, 27445), (501, 27520), (514, 27541), (590, 27565), (594, 27580), (596, 27586), (630, 27649), (674, 27751), (677, 27772), (679, 27778),

Gene: Ksquared_27 Start: 24068, Stop: 25234, Start Num: 110

Candidate Starts for Ksquared_27:

(15, 23315), (36, 23582), (43, 23687), (Start: 110 @24068 has 51 MA's), (114, 24077), (132, 24122), (134, 24125), (178, 24212), (207, 24257), (249, 24332), (264, 24353), (273, 24371), (300, 24437),

(327, 24476), (354, 24542), (365, 24572), (379, 24593), (397, 24638), (434, 24734), (447, 24773), (461, 24788), (477, 24827), (517, 24914), (524, 24932), (531, 24938), (571, 24986), (621, 25079), (651, 25154),

Gene: Kugel_11 Start: 6058, Stop: 7026, Start Num: 175

Candidate Starts for Kugel_11:

(Start: 175 @6058 has 331 MA's), (Start: 191 @6091 has 6 MA's), (Start: 202 @6109 has 32 MA's), (Start: 203 @6112 has 2 MA's), (366, 6379), (389, 6430), (396, 6442), (430, 6517), (455, 6580), (461, 6592), (468, 6613), (474, 6625), (479, 6643), (487, 6661), (500, 6685), (521, 6724), (563, 6805), (570, 6829), (571, 6832), (572, 6835), (581, 6844), (624, 6931), (644, 6976), (663, 7018),

Gene: Kumao_39 Start: 34279, Stop: 35301, Start Num: 108

Candidate Starts for Kumao_39:

(98, 34234), (Start: 108 @34279 has 1 MA's), (118, 34306), (125, 34321), (150, 34375), (170, 34417), (Start: 177 @34429 has 116 MA's), (221, 34510), (244, 34549), (253, 34567), (268, 34594), (272, 34600), (283, 34621), (300, 34654), (307, 34663), (332, 34708), (349, 34741), (364, 34774), (365, 34777), (367, 34780), (374, 34789), (380, 34801), (382, 34804), (436, 34936), (478, 35029), (593, 35095), (596, 35104), (597, 35107), (598, 35110), (621, 35140), (625, 35152), (632, 35170), (674, 35263), (678, 35287),

Gene: Kwadwo_48 Start: 41396, Stop: 42751, Start Num: 89

Candidate Starts for Kwadwo_48:

(Start: 89 @41396 has 280 MA's), (Start: 105 @41447 has 11 MA's), (119, 41480), (185, 41609), (186, 41612), (194, 41627), (249, 41723), (273, 41762), (287, 41792), (300, 41828), (354, 41939), (365, 41969), (367, 41972), (397, 42038), (457, 42197), (477, 42245), (481, 42263), (504, 42311), (566, 42455), (588, 42515), (628, 42620), (671, 42707),

Gene: Kwksand96_48 Start: 41271, Stop: 42626, Start Num: 89

Candidate Starts for Kwksand96_48:

(Start: 89 @41271 has 280 MA's), (Start: 105 @41322 has 11 MA's), (119, 41355), (185, 41484), (186, 41487), (194, 41502), (249, 41598), (273, 41637), (287, 41667), (300, 41703), (354, 41814), (365, 41844), (367, 41847), (397, 41913), (457, 42072), (477, 42120), (481, 42138), (504, 42186), (566, 42330), (588, 42390), (628, 42495), (671, 42582),

Gene: KyMonks1A_12 Start: 6335, Stop: 7303, Start Num: 175

Candidate Starts for KyMonks1A_12:

(Start: 175 @6335 has 331 MA's), (Start: 191 @6368 has 6 MA's), (Start: 202 @6386 has 32 MA's), (Start: 203 @6389 has 2 MA's), (366, 6656), (389, 6707), (396, 6719), (430, 6794), (455, 6857), (461, 6869), (468, 6890), (474, 6902), (479, 6920), (487, 6938), (500, 6962), (521, 7001), (563, 7082), (570, 7106), (571, 7109), (572, 7112), (581, 7121), (624, 7208), (663, 7295),

Gene: Kyee_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Kyee_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713),

Gene: Kykar_8 Start: 5555, Stop: 6523, Start Num: 175

Candidate Starts for Kykar_8:

(Start: 175 @5555 has 331 MA's), (Start: 191 @5588 has 6 MA's), (Start: 202 @5606 has 32 MA's), (Start: 203 @5609 has 2 MA's), (366, 5876), (378, 5894), (389, 5927), (396, 5939), (430, 6014), (455, 6077), (465, 6101), (479, 6140), (487, 6158), (521, 6221), (563, 6302), (570, 6326), (571, 6329), (572, 6332), (581, 6341), (624, 6428), (644, 6473), (663, 6515),

Gene: L5_12 Start: 5848, Stop: 6612, Start Num: 311

Candidate Starts for L5_12:

(Start: 311 @5848 has 12 MA's), (389, 5992), (440, 6106), (441, 6109), (444, 6118), (479, 6205), (513, 6268), (552, 6346), (559, 6373), (565, 6388), (570, 6406), (571, 6409), (620, 6499), (645, 6568),

Gene: LBerry_12 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for LBerry_12:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: LHTSCC_10 Start: 5858, Stop: 6838, Start Num: 177

Candidate Starts for LHTSCC_10:

(Start: 177 @5858 has 116 MA's), (190, 5885), (Start: 202 @5906 has 32 MA's), (Start: 203 @5909 has 2 MA's), (362, 6158), (389, 6215), (396, 6227), (420, 6278), (432, 6299), (450, 6347), (479, 6404), (550, 6554), (598, 6677), (607, 6689), (639, 6755),

Gene: LRRHood_244 Start: 143240, Stop: 144268, Start Num: 158

Candidate Starts for LRRHood_244:

(Start: 158 @143240 has 220 MA's), (Start: 175 @143270 has 331 MA's), (182, 143282), (Start: 203 @143324 has 2 MA's), (243, 143387), (254, 143408), (Start: 297 @143492 has 1 MA's), (331, 143534), (339, 143546), (346, 143561), (378, 143630), (389, 143657), (414, 143711), (427, 143756), (428, 143759), (460, 143837), (468, 143858), (521, 143969), (565, 144059), (570, 144077), (611, 144149), (625, 144182),

Gene: Labelle_41 Start: 35243, Stop: 36268, Start Num: 158

Candidate Starts for Labelle_41:

(Start: 158 @35243 has 220 MA's), (243, 35378), (288, 35453), (343, 35537), (346, 35546), (355, 35570), (357, 35579), (405, 35672), (439, 35771), (452, 35804), (459, 35819), (466, 35840), (472, 35849), (518, 35936), (533, 35954), (549, 35984), (552, 36002), (562, 36038), (596, 36113), (603, 36125), (606, 36128), (624, 36167), (649, 36224),

Gene: Labeouficaum_48 Start: 41266, Stop: 42621, Start Num: 89

Candidate Starts for Labeouficaum_48:

(Start: 89 @41266 has 280 MA's), (Start: 105 @41317 has 11 MA's), (119, 41350), (185, 41479), (186, 41482), (194, 41497), (249, 41593), (273, 41632), (287, 41662), (300, 41698), (354, 41809), (365, 41839), (367, 41842), (397, 41908), (457, 42067), (477, 42115), (481, 42133), (504, 42181), (566, 42325), (588, 42385), (628, 42490), (671, 42577),

Gene: Labradorite_249 Start: 143807, Stop: 144835, Start Num: 158

Candidate Starts for Labradorite_249:

(Start: 158 @143807 has 220 MA's), (Start: 175 @143837 has 331 MA's), (182, 143849), (Start: 203 @143891 has 2 MA's), (243, 143954), (254, 143975), (Start: 297 @144059 has 1 MA's), (331, 144101), (339, 144113), (346, 144128), (378, 144197), (389, 144224), (414, 144278), (427, 144323), (428, 144326), (460, 144404), (468, 144425), (521, 144536), (565, 144626), (570, 144644), (611, 144716), (625, 144749),

Gene: LadyBird_11 Start: 6410, Stop: 7387, Start Num: 175

Candidate Starts for LadyBird_11:

(Start: 175 @6410 has 331 MA's), (Start: 203 @6464 has 2 MA's), (250, 6521), (344, 6653), (356, 6689), (362, 6701), (389, 6758), (407, 6794), (430, 6842), (444, 6881), (475, 6953), (479, 6968), (513, 7031), (540, 7073), (552, 7121), (559, 7148), (565, 7163), (570, 7181), (571, 7184), (620, 7274), (658,

7373),

Gene: Lambert1_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Lambert1_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Lamina13_10 Start: 5611, Stop: 6579, Start Num: 175

Candidate Starts for Lamina13_10:

(Start: 175 @5611 has 331 MA's), (Start: 191 @5644 has 6 MA's), (Start: 202 @5662 has 32 MA's), (Start: 203 @5665 has 2 MA's), (366, 5932), (389, 5983), (396, 5995), (430, 6070), (455, 6133), (468, 6166), (474, 6178), (479, 6196), (487, 6214), (521, 6277), (563, 6358), (570, 6382), (571, 6385), (572, 6388), (581, 6397), (624, 6484), (663, 6571),

Gene: Landor_12 Start: 8193, Stop: 9179, Start Num: 175

Candidate Starts for Landor_12:

(Start: 175 @8193 has 331 MA's), (190, 8223), (Start: 191 @8226 has 6 MA's), (Start: 203 @8247 has 2 MA's), (293, 8382), (388, 8547), (389, 8553), (427, 8628), (432, 8637), (479, 8748), (512, 8808), (532, 8844), (550, 8898), (556, 8922), (558, 8928), (572, 8973), (607, 9033), (612, 9042),

Gene: Langerak_27 Start: 24036, Stop: 25202, Start Num: 110

Candidate Starts for Langerak_27:

(Start: 110 @24036 has 51 MA's), (134, 24093), (178, 24180), (207, 24225), (249, 24300), (264, 24321), (300, 24405), (327, 24444), (354, 24510), (365, 24540), (379, 24561), (397, 24606), (434, 24702), (447, 24741), (461, 24756), (465, 24768), (477, 24795), (517, 24882), (524, 24900), (531, 24906), (571, 24954), (588, 24975), (621, 25047), (651, 25122),

Gene: LappelDuVide_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for LappelDuVide_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Larenn_12 Start: 6724, Stop: 7707, Start Num: 175

Candidate Starts for Larenn_12:

(Start: 175 @6724 has 331 MA's), (190, 6754), (Start: 191 @6757 has 6 MA's), (Start: 203 @6778 has 2 MA's), (356, 7015), (362, 7027), (378, 7054), (389, 7084), (396, 7096), (404, 7108), (428, 7162), (448, 7213), (479, 7273), (550, 7420), (572, 7495), (585, 7510), (607, 7555), (639, 7627), (661, 7681),

Gene: LarryKay_12 Start: 6048, Stop: 7013, Start Num: 166

Candidate Starts for LarryKay_12:

(Start: 166 @6048 has 96 MA's), (Start: 191 @6093 has 6 MA's), (Start: 203 @6114 has 2 MA's), (280, 6234), (362, 6372), (389, 6429), (398, 6444), (439, 6525), (444, 6540), (452, 6558), (474, 6609), (479, 6627), (502, 6672), (552, 6768), (571, 6831), (593, 6870), (620, 6921),

Gene: Larson_51 Start: 41818, Stop: 43173, Start Num: 89

Candidate Starts for Larson_51:

(Start: 89 @41818 has 280 MA's), (Start: 105 @41869 has 11 MA's), (119, 41902), (185, 42031), (186, 42034), (194, 42049), (249, 42145), (273, 42184), (287, 42214), (300, 42250), (354, 42361), (365, 42391), (367, 42394), (397, 42460), (457, 42619), (477, 42667), (481, 42685), (504, 42733), (566, 42877), (588, 42937), (628, 43042), (671, 43129),

Gene: Larva_31 Start: 27026, Stop: 27787, Start Num: 226

Candidate Starts for Larva_31:

(196, 26978), (Start: 226 @27026 has 29 MA's), (Start: 238 @27038 has 1 MA's), (242, 27044), (255, 27071), (275, 27107), (302, 27167), (307, 27173), (321, 27203), (327, 27209), (332, 27218), (346, 27251), (364, 27293), (365, 27296), (374, 27308), (390, 27344), (397, 27359), (410, 27395), (465, 27494), (478, 27521), (489, 27542), (596, 27605), (618, 27629), (625, 27653), (651, 27722), (674, 27767), (676, 27776),

Gene: LasagnaCat_50 Start: 41842, Stop: 43197, Start Num: 89

Candidate Starts for LasagnaCat_50:

(Start: 89 @41842 has 280 MA's), (Start: 105 @41893 has 11 MA's), (119, 41926), (185, 42055), (186, 42058), (194, 42073), (249, 42169), (273, 42208), (287, 42238), (300, 42274), (354, 42385), (365, 42415), (367, 42418), (397, 42484), (457, 42643), (477, 42691), (481, 42709), (504, 42757), (566, 42901), (588, 42961), (628, 43066), (671, 43153),

Gene: Lasso_49 Start: 41671, Stop: 43026, Start Num: 89

Candidate Starts for Lasso_49:

(Start: 89 @41671 has 280 MA's), (Start: 105 @41722 has 11 MA's), (119, 41755), (185, 41884), (186, 41887), (194, 41902), (249, 41998), (273, 42037), (287, 42067), (300, 42103), (354, 42214), (365, 42244), (367, 42247), (397, 42313), (457, 42472), (477, 42520), (481, 42538), (504, 42586), (566, 42730), (588, 42790), (628, 42895), (671, 42982),

Gene: LastHope_31 Start: 25598, Stop: 26452, Start Num: 227

Candidate Starts for LastHope_31:

(165, 25496), (176, 25517), (196, 25550), (Start: 209 @25571 has 127 MA's), (Start: 227 @25598 has 136 MA's), (Start: 238 @25610 has 1 MA's), (240, 25613), (251, 25637), (255, 25643), (272, 25673), (300, 25733), (307, 25742), (346, 25820), (465, 26063), (476, 26078), (478, 26090), (489, 26111), (499, 26135), (559, 26207), (596, 26273), (622, 26312), (630, 26333), (676, 26441),

Gene: LastJedi_25 Start: 23704, Stop: 24705, Start Num: 164

Candidate Starts for LastJedi_25:

(Start: 164 @23704 has 214 MA's), (Start: 175 @23725 has 331 MA's), (182, 23737), (Start: 203 @23779 has 2 MA's), (243, 23842), (254, 23863), (271, 23893), (Start: 297 @23947 has 1 MA's), (Start: 313 @23971 has 1 MA's), (331, 23986), (339, 23998), (389, 24109), (440, 24223), (446, 24241), (464, 24280), (474, 24304), (487, 24340), (502, 24367), (521, 24406), (552, 24454), (570, 24514), (603, 24574), (630, 24631), (644, 24661),

Gene: Latch_252 Start: 143793, Stop: 144821, Start Num: 158

Candidate Starts for Latch_252:

(Start: 158 @143793 has 220 MA's), (Start: 175 @143823 has 331 MA's), (182, 143835), (Start: 203 @143877 has 2 MA's), (243, 143940), (254, 143961), (Start: 297 @144045 has 1 MA's), (331, 144087), (339, 144099), (346, 144114), (378, 144183), (389, 144210), (414, 144264), (427, 144309), (428, 144312), (460, 144390), (468, 144411), (521, 144522), (565, 144612), (570, 144630), (611, 144702), (625, 144735),

Gene: LaterM_31 Start: 26387, Stop: 27259, Start Num: 227

Candidate Starts for LaterM_31:

(Start: 209 @26360 has 127 MA's), (Start: 227 @26387 has 136 MA's), (Start: 238 @26399 has 1 MA's), (275, 26468), (288, 26495), (300, 26525), (307, 26534), (327, 26570), (332, 26579), (346, 26612), (352, 26630), (397, 26720), (465, 26855), (478, 26882), (489, 26903), (499, 26927), (539, 26978), (596, 27080), (621, 27116), (630, 27140), (674, 27239), (676, 27248),

Gene: Latretium_32 Start: 28306, Stop: 29304, Start Num: 158

Candidate Starts for Latretium_32:

(Start: 158 @28306 has 220 MA's), (Start: 203 @28381 has 2 MA's), (243, 28441), (254, 28462), (Start: 297 @28546 has 1 MA's), (339, 28597), (346, 28612), (389, 28708), (440, 28822), (446, 28840), (464, 28879), (468, 28891), (487, 28939), (502, 28966), (516, 28990), (521, 29005), (570, 29113), (596, 29161), (630, 29230), (644, 29260),

Gene: Lavahound_29 Start: 26544, Stop: 27281, Start Num: 227

Candidate Starts for Lavahound_29:

(165, 26433), (176, 26454), (196, 26493), (Start: 209 @26514 has 127 MA's), (Start: 227 @26544 has 136 MA's), (Start: 238 @26556 has 1 MA's), (255, 26589), (275, 26625), (300, 26673), (307, 26682), (327, 26718), (346, 26760), (397, 26868), (407, 26895), (451, 26982), (465, 27000), (476, 27015), (478, 27027), (489, 27048), (499, 27072), (591, 27084), (593, 27093), (596, 27102), (625, 27150), (674, 27261), (675, 27270),

Gene: LeBron_26 Start: 25573, Stop: 26604, Start Num: 169

Candidate Starts for LeBron_26:

(Start: 169 @25573 has 29 MA's), (265, 25729), (277, 25753), (284, 25765), (293, 25783), (Start: 297 @25801 has 1 MA's), (304, 25819), (309, 25825), (316, 25834), (322, 25849), (333, 25864), (352, 25912), (362, 25936), (389, 25993), (408, 26032), (441, 26110), (444, 26119), (445, 26122), (452, 26137), (472, 26191), (479, 26212), (485, 26227), (537, 26311), (548, 26341), (571, 26410), (581, 26422), (593, 26446), (599, 26464), (602, 26467), (611, 26479), (613, 26482), (625, 26512), (630, 26524),

Gene: LeMond_30 Start: 25694, Stop: 26434, Start Num: 227

Candidate Starts for LeMond_30:

(165, 25592), (176, 25613), (196, 25646), (Start: 209 @25667 has 127 MA's), (Start: 227 @25694 has 136 MA's), (255, 25739), (275, 25775), (307, 25832), (327, 25868), (346, 25910), (397, 26018), (465, 26153), (478, 26180), (499, 26225), (594, 26249), (621, 26291), (628, 26312), (630, 26315), (674, 26414),

Gene: Lea83_32 Start: 27454, Stop: 28242, Start Num: 227

Candidate Starts for Lea83_32:

(87, 27130), (93, 27172), (180, 27376), (196, 27409), (Start: 227 @27454 has 136 MA's), (255, 27499), (275, 27535), (300, 27592), (307, 27601), (327, 27637), (352, 27691), (364, 27715), (433, 27856), (465, 27919), (478, 27961), (489, 27982), (491, 27988), (499, 28006), (593, 28036), (630, 28105), (659, 28177), (674, 28207),

Gene: Lebo14_32 Start: 27643, Stop: 28434, Start Num: 213

Candidate Starts for Lebo14_32:

(Start: 213 @27643 has 23 MA's), (Start: 238 @27676 has 1 MA's), (255, 27709), (268, 27733), (280, 27754), (286, 27763), (295, 27793), (300, 27802), (307, 27811), (327, 27847), (371, 27928), (465, 28135), (478, 28162), (481, 28168), (489, 28183), (495, 28198), (499, 28207), (594, 28231), (625, 28285), (630, 28297), (659, 28369),

Gene: Lee7_253 Start: 146894, Stop: 147922, Start Num: 158

Candidate Starts for Lee7_253:

(Start: 158 @146894 has 220 MA's), (Start: 175 @146924 has 331 MA's), (182, 146936), (Start: 203 @146978 has 2 MA's), (243, 147041), (254, 147062), (Start: 297 @147146 has 1 MA's), (331, 147188), (339, 147200), (346, 147215), (378, 147284), (389, 147311), (414, 147365), (427, 147410), (428, 147413), (460, 147491), (468, 147512), (521, 147623), (565, 147713), (570, 147731), (611, 147803), (625, 147836),

Gene: LeeLot_49 Start: 41723, Stop: 43078, Start Num: 89

Candidate Starts for LeeLot_49:

(Start: 89 @41723 has 280 MA's), (Start: 105 @41774 has 11 MA's), (119, 41807), (185, 41936), (186, 41939), (194, 41954), (249, 42050), (273, 42089), (287, 42119), (300, 42155), (354, 42266), (365, 42296), (367, 42299), (397, 42365), (457, 42524), (477, 42572), (481, 42590), (504, 42638), (566, 42782), (588, 42842), (628, 42947), (671, 43034),

Gene: Lego3393_48 Start: 41851, Stop: 43206, Start Num: 89

Candidate Starts for Lego3393_48:

(Start: 89 @41851 has 280 MA's), (Start: 105 @41902 has 11 MA's), (119, 41935), (185, 42064), (186, 42067), (194, 42082), (249, 42178), (273, 42217), (287, 42247), (300, 42283), (354, 42394), (365, 42424), (367, 42427), (397, 42493), (457, 42652), (477, 42700), (481, 42718), (504, 42766), (566, 42910), (588, 42970), (628, 43075), (671, 43162),

Gene: Legolas_49 Start: 41441, Stop: 42796, Start Num: 89

Candidate Starts for Legolas_49:

(Start: 89 @41441 has 280 MA's), (Start: 105 @41492 has 11 MA's), (119, 41525), (185, 41654), (186, 41657), (194, 41672), (249, 41768), (273, 41807), (287, 41837), (300, 41873), (354, 41984), (365, 42014), (367, 42017), (397, 42083), (457, 42242), (477, 42290), (481, 42308), (504, 42356), (566, 42500), (588, 42560), (628, 42665), (671, 42752),

Gene: Lehmann_49 Start: 41253, Stop: 42608, Start Num: 89

Candidate Starts for Lehmann_49:

(Start: 89 @41253 has 280 MA's), (Start: 105 @41304 has 11 MA's), (119, 41337), (185, 41466), (186, 41469), (194, 41484), (249, 41580), (273, 41619), (287, 41649), (300, 41685), (354, 41796), (365, 41826), (367, 41829), (397, 41895), (457, 42054), (477, 42102), (481, 42120), (504, 42168), (566, 42312), (588, 42372), (628, 42477), (671, 42564),

Gene: LeiMonet_50 Start: 41403, Stop: 42758, Start Num: 89

Candidate Starts for LeiMonet_50:

(Start: 89 @41403 has 280 MA's), (Start: 105 @41454 has 11 MA's), (119, 41487), (128, 41505), (185, 41616), (186, 41619), (194, 41634), (249, 41730), (273, 41769), (287, 41799), (300, 41835), (354, 41946), (365, 41976), (367, 41979), (397, 42045), (457, 42204), (477, 42252), (481, 42270), (504, 42318), (566, 42462), (588, 42522), (628, 42627), (671, 42714),

Gene: LemonSlice_49 Start: 41408, Stop: 42763, Start Num: 89

Candidate Starts for LemonSlice_49:

(Start: 89 @41408 has 280 MA's), (Start: 105 @41459 has 11 MA's), (119, 41492), (185, 41621), (186, 41624), (194, 41639), (249, 41735), (273, 41774), (287, 41804), (300, 41840), (354, 41951), (365, 41981), (367, 41984), (397, 42050), (457, 42209), (477, 42257), (481, 42275), (504, 42323), (566, 42467), (588, 42527), (628, 42632), (671, 42719),

Gene: Lemur_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Lemur_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712),

Gene: Lemuria_29 Start: 26871, Stop: 28088, Start Num: 96

Candidate Starts for Lemuria_29:

(17, 26262), (18, 26289), (20, 26313), (23, 26334), (25, 26340), (28, 26388), (30, 26424), (32, 26442), (38, 26508), (39, 26535), (Start: 96 @26871 has 92 MA's), (184, 27075), (211, 27117), (249, 27186), (273, 27225), (278, 27234), (288, 27258), (300, 27291), (307, 27306), (327, 27339), (361, 27423),

(418, 27561), (461, 27651), (470, 27675), (477, 27690), (478, 27699), (483, 27711), (495, 27738), (501, 27750), (504, 27756), (506, 27759), (588, 27864), (671, 28050), (672, 28053),

Gene: LeoAvram_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for LeoAvram_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Leogania_13 Start: 8570, Stop: 9553, Start Num: 175

Candidate Starts for Leogania_13:

(Start: 175 @8570 has 331 MA's), (Start: 202 @8621 has 32 MA's), (Start: 203 @8624 has 2 MA's), (389, 8948), (398, 8963), (430, 9032), (439, 9056), (444, 9071), (474, 9140), (479, 9158), (552, 9302), (571, 9365), (593, 9404), (605, 9428), (618, 9446),

Gene: Leopard_46 Start: 36660, Stop: 37541, Start Num: 212

Candidate Starts for Leopard_46:

(Start: 212 @36660 has 3 MA's), (267, 36756), (270, 36762), (308, 36846), (319, 36858), (365, 36960), (400, 37038), (407, 37059), (453, 37182), (471, 37221), (489, 37266), (524, 37335), (571, 37386), (579, 37395), (586, 37404), (592, 37419), (615, 37464), (627, 37500),

Gene: Leozinho_33 Start: 27931, Stop: 28947, Start Num: 164

Candidate Starts for Leozinho_33:

(97, 27787), (117, 27859), (Start: 164 @27931 has 214 MA's), (232, 28063), (243, 28084), (254, 28105), (Start: 297 @28189 has 1 MA's), (339, 28240), (389, 28351), (439, 28462), (446, 28483), (464, 28522), (468, 28534), (487, 28582), (502, 28609), (516, 28633), (521, 28648), (570, 28756), (596, 28804), (603, 28816), (625, 28861), (630, 28873), (644, 28903),

Gene: Leperchaun_31 Start: 27593, Stop: 28594, Start Num: 164

Candidate Starts for Leperchaun_31:

(Start: 164 @27593 has 214 MA's), (Start: 175 @27614 has 331 MA's), (182, 27626), (Start: 203 @27668 has 2 MA's), (243, 27731), (254, 27752), (271, 27782), (Start: 297 @27836 has 1 MA's), (Start: 313 @27860 has 1 MA's), (339, 27887), (389, 27998), (440, 28112), (446, 28130), (464, 28169), (474, 28193), (487, 28229), (502, 28256), (521, 28295), (570, 28403), (596, 28451), (603, 28463), (624, 28505), (625, 28508), (630, 28520), (644, 28550),

Gene: Lesedi_9 Start: 5770, Stop: 6738, Start Num: 175

Candidate Starts for Lesedi_9:

(Start: 175 @5770 has 331 MA's), (Start: 191 @5803 has 6 MA's), (Start: 203 @5824 has 2 MA's), (331, 6013), (366, 6091), (389, 6142), (396, 6154), (430, 6229), (455, 6292), (461, 6304), (468, 6325), (474, 6337), (479, 6355), (487, 6373), (500, 6397), (521, 6436), (563, 6517), (570, 6541), (571, 6544), (572, 6547), (581, 6556), (624, 6643), (663, 6730),

Gene: Leston_30 Start: 27176, Stop: 28048, Start Num: 227

Candidate Starts for Leston_30:

(Start: 227 @27176 has 136 MA's), (Start: 238 @27188 has 1 MA's), (242, 27194), (255, 27221), (272, 27251), (275, 27257), (300, 27311), (307, 27320), (314, 27332), (332, 27365), (346, 27398), (367, 27446), (401, 27515), (478, 27668), (488, 27686), (489, 27689), (524, 27749), (539, 27767), (559, 27794), (596, 27866), (621, 27902), (622, 27905), (630, 27926), (651, 27983), (671, 28019), (674, 28028), (676, 28037),

Gene: LestyG_47 Start: 41537, Stop: 42601, Start Num: 151

Candidate Starts for LestyG_47:

(Start: 151 @41537 has 50 MA's), (184, 41600), (236, 41681), (271, 41747), (279, 41762), (288, 41774), (298, 41801), (343, 41858), (346, 41867), (413, 42014), (419, 42029), (439, 42083), (452, 42116), (467, 42155), (475, 42167), (518, 42248), (533, 42266), (535, 42269), (596, 42425), (649, 42536), (658, 42557), (673, 42590),

Gene: Lethe_250 Start: 145615, Stop: 146643, Start Num: 158

Candidate Starts for Lethe_250:

(Start: 158 @145615 has 220 MA's), (Start: 175 @145645 has 331 MA's), (182, 145657), (Start: 203 @145699 has 2 MA's), (243, 145762), (254, 145783), (Start: 297 @145867 has 1 MA's), (331, 145909), (339, 145921), (346, 145936), (378, 146005), (389, 146032), (414, 146086), (427, 146131), (428, 146134), (460, 146212), (468, 146233), (521, 146344), (565, 146434), (570, 146452), (611, 146524), (625, 146557),

Gene: Levia_9 Start: 5489, Stop: 6457, Start Num: 175

Candidate Starts for Levia_9:

(Start: 175 @5489 has 331 MA's), (Start: 191 @5522 has 6 MA's), (Start: 202 @5540 has 32 MA's), (Start: 203 @5543 has 2 MA's), (366, 5810), (378, 5828), (389, 5861), (396, 5873), (430, 5948), (455, 6011), (465, 6035), (479, 6074), (487, 6092), (521, 6155), (563, 6236), (570, 6260), (571, 6263), (572, 6266), (581, 6275), (644, 6407), (663, 6449),

Gene: Leviathan_13 Start: 6865, Stop: 7857, Start Num: 175

Candidate Starts for Leviathan_13:

(Start: 175 @6865 has 331 MA's), (Start: 202 @6916 has 32 MA's), (Start: 203 @6919 has 2 MA's), (309, 7087), (331, 7093), (344, 7120), (368, 7180), (389, 7225), (430, 7312), (450, 7357), (476, 7396), (497, 7444), (542, 7525), (552, 7567), (580, 7654), (636, 7768),

Gene: Lewan_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Lewan_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (192, 26477), (211, 26507), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (338, 26732), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Licorice_12 Start: 6660, Stop: 7595, Start Num: 191

Candidate Starts for Licorice_12:

(Start: 175 @6627 has 331 MA's), (Start: 191 @6660 has 6 MA's), (Start: 202 @6678 has 32 MA's), (Start: 203 @6681 has 2 MA's), (366, 6948), (389, 6999), (396, 7011), (430, 7086), (455, 7149), (461, 7161), (468, 7182), (474, 7194), (479, 7212), (487, 7230), (521, 7293), (563, 7374), (570, 7398), (571, 7401), (572, 7404), (581, 7413), (624, 7500), (644, 7545), (663, 7587),

Gene: Liefie_28 Start: 25200, Stop: 26408, Start Num: 96

Candidate Starts for Liefie_28:

(72, 25107), (Start: 96 @25200 has 92 MA's), (168, 25374), (211, 25446), (249, 25506), (273, 25545), (278, 25554), (288, 25578), (293, 25587), (300, 25611), (310, 25632), (327, 25659), (334, 25671), (361, 25743), (381, 25782), (461, 25971), (477, 26010), (483, 26031), (501, 26070), (504, 26076),

Gene: LifeSavor_253 Start: 145021, Stop: 146049, Start Num: 158

Candidate Starts for LifeSavor_253:

(Start: 158 @145021 has 220 MA's), (Start: 175 @145051 has 331 MA's), (182, 145063), (Start: 203 @145105 has 2 MA's), (243, 145168), (254, 145189), (Start: 297 @145273 has 1 MA's), (331, 145315), (339, 145327), (346, 145342), (378, 145411), (389, 145438), (414, 145492), (427, 145537), (428, 145540), (460, 145618), (468, 145639), (521, 145750), (565, 145840), (570, 145858), (611,

145930), (625, 145963),

Gene: LilBib_11 Start: 6570, Stop: 7538, Start Num: 175

Candidate Starts for LilBib_11:

(Start: 175 @6570 has 331 MA's), (Start: 191 @6603 has 6 MA's), (Start: 202 @6621 has 32 MA's), (Start: 203 @6624 has 2 MA's), (366, 6891), (389, 6942), (396, 6954), (430, 7029), (455, 7092), (468, 7125), (474, 7137), (479, 7155), (487, 7173), (500, 7197), (521, 7236), (563, 7317), (570, 7341), (571, 7344), (572, 7347), (581, 7356), (624, 7443), (663, 7530),

Gene: LilDestine_28 Start: 26302, Stop: 27273, Start Num: 112

Candidate Starts for LilDestine_28:

(Start: 112 @26302 has 24 MA's), (134, 26356), (192, 26476), (211, 26506), (219, 26521), (Start: 238 @26554 has 1 MA's), (240, 26557), (244, 26566), (255, 26587), (288, 26650), (307, 26677), (319, 26701), (365, 26782), (374, 26794), (402, 26857), (407, 26872), (431, 26932), (437, 26947), (478, 27028), (488, 27046), (489, 27049), (491, 27052), (597, 27103), (625, 27148), (644, 27190), (664, 27232),

Gene: LilDirt_29 Start: 27000, Stop: 27749, Start Num: 238

Candidate Starts for LilDirt_29:

(196, 26940), (Start: 226 @26988 has 29 MA's), (Start: 238 @27000 has 1 MA's), (240, 27003), (242, 27006), (255, 27033), (275, 27069), (302, 27129), (307, 27135), (321, 27165), (327, 27171), (332, 27180), (346, 27213), (364, 27255), (365, 27258), (374, 27270), (385, 27297), (390, 27306), (397, 27321), (410, 27357), (465, 27456), (478, 27483), (489, 27504), (596, 27567), (618, 27591), (625, 27615), (651, 27684), (674, 27729), (676, 27738),

Gene: LilHazelnut_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for LilHazelnut_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: LilMcDreamy_46 Start: 42132, Stop: 43154, Start Num: 175

Candidate Starts for LilMcDreamy_46:

(Start: 175 @42132 has 331 MA's), (190, 42162), (Start: 202 @42183 has 32 MA's), (Start: 203 @42186 has 2 MA's), (261, 42273), (301, 42342), (388, 42486), (389, 42492), (420, 42555), (427, 42567), (430, 42573), (432, 42576), (457, 42642), (466, 42666), (479, 42702), (495, 42732), (512, 42762), (525, 42789), (528, 42792), (550, 42852), (555, 42873), (567, 42909), (572, 42927), (574, 42933), (607, 42993), (643, 43080), (668, 43125), (674, 43143),

Gene: LilMoolah_31 Start: 27797, Stop: 28798, Start Num: 164

Candidate Starts for LilMoolah_31:

(Start: 164 @27797 has 214 MA's), (Start: 175 @27818 has 331 MA's), (182, 27830), (Start: 203 @27872 has 2 MA's), (243, 27935), (254, 27956), (271, 27986), (Start: 297 @28040 has 1 MA's), (Start: 313 @28064 has 1 MA's), (331, 28079), (339, 28091), (389, 28202), (440, 28316), (446, 28334), (464, 28373), (474, 28397), (487, 28433), (502, 28460), (521, 28499), (552, 28547), (570, 28607), (603, 28667), (630, 28724), (644, 28754),

Gene: LilPharaoh_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for LilPharaoh_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: LilSpotty_32 Start: 24959, Stop: 26029, Start Num: 164

Candidate Starts for LilSpotty_32:

(Start: 164 @24959 has 214 MA's), (288, 25175), (316, 25229), (346, 25271), (366, 25322), (413, 25436), (423, 25469), (445, 25544), (454, 25565), (459, 25577), (518, 25694), (552, 25766), (596, 25874), (630, 25943), (660, 26009),

Gene: LilTurb_13 Start: 6892, Stop: 7884, Start Num: 175

Candidate Starts for LilTurb_13:

(Start: 175 @6892 has 331 MA's), (Start: 191 @6925 has 6 MA's), (Start: 202 @6943 has 32 MA's), (Start: 203 @6946 has 2 MA's), (309, 7114), (331, 7120), (344, 7147), (368, 7207), (389, 7252), (430, 7339), (450, 7384), (476, 7423), (497, 7471), (507, 7486), (542, 7552), (552, 7594), (580, 7681), (636, 7795),

Gene: Lilac_37 Start: 31355, Stop: 32212, Start Num: 209

Candidate Starts for Lilac_37:

(Start: 209 @31355 has 127 MA's), (229, 31394), (244, 31424), (255, 31445), (274, 31481), (288, 31511), (327, 31586), (352, 31634), (355, 31637), (365, 31661), (367, 31664), (378, 31679), (443, 31850), (494, 31964), (501, 31979), (504, 31985), (582, 32027), (584, 32030), (612, 32084), (646, 32162), (662, 32195),

Gene: LilhomieP_37 Start: 31794, Stop: 32765, Start Num: 206

Candidate Starts for LilhomieP_37:

(Start: 206 @31794 has 15 MA's), (220, 31818), (228, 31833), (295, 31971), (309, 31998), (Start: 326 @32016 has 2 MA's), (333, 32028), (339, 32037), (356, 32082), (362, 32094), (378, 32121), (389, 32148), (396, 32160), (416, 32205), (428, 32232), (440, 32262), (443, 32271), (444, 32274), (485, 32361), (495, 32376), (563, 32529), (564, 32532), (592, 32592), (596, 32604), (599, 32613), (621, 32649), (626, 32664), (642, 32703), (653, 32736),

Gene: Lilith_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for Lilith_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: Lilizi_37 Start: 31563, Stop: 32420, Start Num: 209

Candidate Starts for Lilizi_37:

(Start: 209 @31563 has 127 MA's), (229, 31602), (244, 31632), (255, 31653), (274, 31689), (288, 31719), (327, 31794), (352, 31842), (355, 31845), (365, 31869), (367, 31872), (378, 31887), (443, 32058), (494, 32172), (501, 32187), (504, 32193), (582, 32235), (584, 32238), (612, 32292), (646, 32370), (662, 32403),

Gene: Lilpickle_34 Start: 31065, Stop: 31922, Start Num: 209

Candidate Starts for Lilpickle_34:

(Start: 209 @31065 has 127 MA's), (229, 31104), (244, 31134), (255, 31155), (274, 31191), (288, 31221), (327, 31296), (352, 31344), (355, 31347), (365, 31371), (367, 31374), (378, 31389), (443, 31560), (494, 31674), (501, 31689), (504, 31695), (582, 31737), (584, 31740), (612, 31794), (646, 31872), (662, 31905),

Gene: LinStu_249 Start: 143122, Stop: 144150, Start Num: 158

Candidate Starts for LinStu_249:

(Start: 158 @143122 has 220 MA's), (Start: 175 @143152 has 331 MA's), (Start: 203 @143206 has 2 MA's), (243, 143269), (254, 143290), (Start: 297 @143374 has 1 MA's), (331, 143416), (339, 143428), (346, 143443), (378, 143512), (389, 143539), (414, 143593), (427, 143638), (428, 143641), (460, 143719), (468, 143740), (521, 143851), (565, 143941), (570, 143959), (611, 144031), (625, 144064),

Gene: LindNT_31 Start: 26427, Stop: 27299, Start Num: 227

Candidate Starts for LindNT_31:

(Start: 209 @26400 has 127 MA's), (Start: 227 @26427 has 136 MA's), (Start: 238 @26439 has 1 MA's), (275, 26508), (288, 26535), (300, 26565), (307, 26574), (327, 26610), (332, 26619), (346, 26652), (352, 26670), (397, 26760), (465, 26895), (478, 26922), (489, 26943), (499, 26967), (539, 27018), (596, 27120), (621, 27156), (630, 27180), (674, 27279), (676, 27288),

Gene: LionsBait_12 Start: 8187, Stop: 9164, Start Num: 175

Candidate Starts for LionsBait_12:

(Start: 175 @8187 has 331 MA's), (Start: 203 @8241 has 2 MA's), (344, 8430), (362, 8478), (389, 8535), (407, 8571), (430, 8619), (444, 8658), (475, 8730), (479, 8745), (513, 8808), (540, 8850), (552, 8898), (559, 8925), (565, 8940), (570, 8958), (571, 8961), (592, 8997), (620, 9051),

Gene: LittleB_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for LittleB_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: LittleE_53 Start: 42373, Stop: 43245, Start Num: 202

Candidate Starts for LittleE_53:

(Start: 202 @42373 has 32 MA's), (Start: 218 @42400 has 1 MA's), (288, 42529), (308, 42574), (327, 42595), (342, 42616), (364, 42670), (400, 42751), (522, 43030), (524, 43033), (579, 43093), (590, 43108), (593, 43120), (601, 43141),

Gene: LittleGuy_10 Start: 5821, Stop: 6804, Start Num: 175

Candidate Starts for LittleGuy_10:

(Start: 175 @5821 has 331 MA's), (Start: 202 @5872 has 32 MA's), (Start: 203 @5875 has 2 MA's), (293, 6010), (302, 6034), (362, 6124), (389, 6181), (420, 6244), (432, 6265), (439, 6286), (450, 6313), (479, 6370), (550, 6520), (598, 6643), (607, 6655), (655, 6766),

Gene: LittleMinkey_54 Start: 41874, Stop: 42884, Start Num: 177

Candidate Starts for LittleMinkey_54:

(Start: 177 @41874 has 116 MA's), (190, 41901), (Start: 203 @41925 has 2 MA's), (388, 42240), (389, 42246), (407, 42282), (420, 42309), (479, 42441), (512, 42501), (550, 42591), (556, 42615), (558, 42621), (569, 42657), (573, 42669), (612, 42735), (668, 42858),

Gene: LittleShirley_34 Start: 29159, Stop: 30160, Start Num: 164

Candidate Starts for LittleShirley_34:

(Start: 164 @29159 has 214 MA's), (Start: 203 @29234 has 2 MA's), (222, 29267), (243, 29297), (254, 29318), (Start: 297 @29402 has 1 MA's), (Start: 313 @29426 has 1 MA's), (331, 29441), (339, 29453), (389, 29564), (440, 29678), (446, 29696), (464, 29735), (474, 29759), (487, 29795), (502, 29822), (521, 29861), (552, 29909), (570, 29969), (603, 30029), (624, 30071), (625, 30074), (630, 30086), (644, 30116),

Gene: Littleton_256 Start: 145030, Stop: 146058, Start Num: 158

Candidate Starts for Littleton_256:

(Start: 158 @145030 has 220 MA's), (Start: 175 @145060 has 331 MA's), (182, 145072), (Start: 203 @145114 has 2 MA's), (243, 145177), (254, 145198), (Start: 297 @145282 has 1 MA's), (331, 145324), (339, 145336), (346, 145351), (378, 145420), (389, 145447), (414, 145501), (427, 145546), (428, 145549), (460, 145627), (468, 145648), (521, 145759), (565, 145849), (570, 145867), (611, 145939), (625, 145972),

Gene: LiyuLake_28 Start: 26813, Stop: 27856, Start Num: 111

Candidate Starts for LiyuLake_28:

(Start: 111 @26813 has 20 MA's), (113, 26819), (126, 26846), (134, 26867), (159, 26918), (200, 26999), (259, 27104), (302, 27185), (307, 27191), (329, 27233), (360, 27287), (369, 27305), (374, 27311), (377, 27317), (407, 27389), (436, 27446), (466, 27506), (501, 27581), (590, 27626), (594, 27641), (596, 27647), (630, 27710), (674, 27812), (677, 27833), (679, 27839),

Gene: Lizziana_31 Start: 27672, Stop: 28673, Start Num: 164

Candidate Starts for Lizziana_31:

(Start: 164 @27672 has 214 MA's), (Start: 175 @27693 has 331 MA's), (182, 27705), (Start: 203 @27747 has 2 MA's), (243, 27810), (254, 27831), (271, 27861), (Start: 297 @27915 has 1 MA's), (Start: 313 @27939 has 1 MA's), (331, 27954), (339, 27966), (389, 28077), (440, 28191), (446, 28209), (464, 28248), (474, 28272), (487, 28308), (502, 28335), (521, 28374), (552, 28422), (570, 28482), (603, 28542), (630, 28599), (644, 28629),

Gene: Llama_31 Start: 27727, Stop: 28728, Start Num: 164

Candidate Starts for Llama_31:

(33, 27106), (40, 27184), (44, 27247), (52, 27286), (64, 27418), (70, 27439), (79, 27475), (119, 27628), (Start: 164 @27727 has 214 MA's), (Start: 175 @27748 has 331 MA's), (182, 27760), (Start: 203 @27802 has 2 MA's), (222, 27835), (243, 27865), (254, 27886), (Start: 297 @27970 has 1 MA's), (Start: 313 @27994 has 1 MA's), (331, 28009), (339, 28021), (389, 28132), (440, 28246), (446, 28264), (464, 28303), (474, 28327), (487, 28363), (502, 28390), (521, 28429), (570, 28537), (596, 28585), (603, 28597), (624, 28639), (625, 28642), (630, 28654), (644, 28684),

Gene: Llij_31 Start: 27499, Stop: 28500, Start Num: 164

Candidate Starts for Llij_31:

(79, 27247), (119, 27400), (Start: 164 @27499 has 214 MA's), (Start: 175 @27520 has 331 MA's), (182, 27532), (Start: 203 @27574 has 2 MA's), (243, 27637), (254, 27658), (271, 27688), (Start: 297 @27742 has 1 MA's), (Start: 313 @27766 has 1 MA's), (339, 27793), (389, 27904), (440, 28018), (446, 28036), (464, 28075), (474, 28099), (487, 28135), (502, 28162), (521, 28201), (552, 28249), (570, 28309), (603, 28369), (630, 28426), (644, 28456),

Gene: Llorens_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Llorens_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Loadrie_28 Start: 26335, Stop: 27306, Start Num: 112

Candidate Starts for Loadrie_28:

(Start: 112 @26335 has 24 MA's), (134, 26389), (192, 26509), (211, 26539), (216, 26548), (219, 26554), (Start: 238 @26587 has 1 MA's), (240, 26590), (244, 26599), (255, 26620), (288, 26683), (307, 26710), (319, 26734), (365, 26815), (374, 26827), (402, 26890), (407, 26905), (431, 26965), (437, 26980), (478, 27061), (488, 27079), (489, 27082), (491, 27085), (597, 27136), (625, 27181), (644,

27223), (664, 27265),

Gene: Loanshark_249 Start: 144380, Stop: 145408, Start Num: 158

Candidate Starts for Loanshark_249:

(Start: 158 @144380 has 220 MA's), (Start: 175 @144410 has 331 MA's), (182, 144422), (Start: 203 @144464 has 2 MA's), (243, 144527), (254, 144548), (Start: 297 @144632 has 1 MA's), (331, 144674), (339, 144686), (346, 144701), (378, 144770), (389, 144797), (414, 144851), (427, 144896), (428, 144899), (460, 144977), (468, 144998), (521, 145109), (565, 145199), (570, 145217), (611, 145289), (625, 145322),

Gene: LochMonster_10 Start: 5856, Stop: 6836, Start Num: 177

Candidate Starts for LochMonster_10:

(Start: 177 @5856 has 116 MA's), (190, 5883), (Start: 202 @5904 has 32 MA's), (Start: 203 @5907 has 2 MA's), (362, 6156), (389, 6213), (396, 6225), (420, 6276), (432, 6297), (450, 6345), (468, 6372), (479, 6402), (550, 6552), (598, 6675), (607, 6687), (639, 6753),

Gene: Lockley_10 Start: 5949, Stop: 6917, Start Num: 175

Candidate Starts for Lockley_10:

(Start: 175 @5949 has 331 MA's), (Start: 191 @5982 has 6 MA's), (Start: 202 @6000 has 32 MA's), (Start: 203 @6003 has 2 MA's), (366, 6270), (389, 6321), (396, 6333), (430, 6408), (455, 6471), (461, 6483), (468, 6504), (474, 6516), (479, 6534), (487, 6552), (500, 6576), (521, 6615), (563, 6696), (570, 6720), (571, 6723), (572, 6726), (581, 6735), (624, 6822), (663, 6909),

Gene: Lokk_14 Start: 8131, Stop: 9117, Start Num: 175

Candidate Starts for Lokk_14:

(Start: 175 @8131 has 331 MA's), (190, 8161), (Start: 202 @8182 has 32 MA's), (Start: 203 @8185 has 2 MA's), (222, 8218), (362, 8434), (388, 8485), (389, 8491), (396, 8503), (406, 8524), (450, 8614), (479, 8680), (550, 8830), (555, 8851), (607, 8965), (639, 9037),

Gene: LolaVince_248 Start: 144633, Stop: 145661, Start Num: 158

Candidate Starts for LolaVince_248:

(Start: 158 @144633 has 220 MA's), (Start: 175 @144663 has 331 MA's), (182, 144675), (Start: 203 @144717 has 2 MA's), (243, 144780), (254, 144801), (Start: 297 @144885 has 1 MA's), (331, 144927), (339, 144939), (346, 144954), (378, 145023), (389, 145050), (414, 145104), (427, 145149), (428, 145152), (460, 145230), (468, 145251), (521, 145362), (565, 145452), (570, 145470), (611, 145542), (625, 145575),

Gene: Lolly9_28 Start: 26618, Stop: 27661, Start Num: 111

Candidate Starts for Lolly9_28:

(Start: 111 @26618 has 20 MA's), (113, 26624), (126, 26651), (134, 26672), (159, 26723), (173, 26753), (200, 26804), (259, 26909), (302, 26990), (307, 26996), (329, 27038), (360, 27092), (369, 27110), (374, 27116), (377, 27122), (407, 27194), (436, 27251), (466, 27311), (501, 27386), (514, 27407), (590, 27431), (594, 27446), (596, 27452), (630, 27515), (674, 27617), (677, 27638), (679, 27644),

Gene: Longacauda_48 Start: 41404, Stop: 42759, Start Num: 89

Candidate Starts for Longacauda_48:

(Start: 89 @41404 has 280 MA's), (Start: 105 @41455 has 11 MA's), (119, 41488), (185, 41617), (186, 41620), (194, 41635), (249, 41731), (273, 41770), (287, 41800), (300, 41836), (354, 41947), (365, 41977), (367, 41980), (397, 42046), (457, 42205), (477, 42253), (481, 42271), (504, 42319), (566, 42463), (588, 42523), (628, 42628), (671, 42715),

Gene: LookingGlass_250 Start: 144538, Stop: 145566, Start Num: 158

Candidate Starts for LookingGlass_250:

(Start: 158 @144538 has 220 MA's), (Start: 175 @144568 has 331 MA's), (182, 144580), (Start: 203 @144622 has 2 MA's), (243, 144685), (254, 144706), (Start: 297 @144790 has 1 MA's), (331, 144832), (339, 144844), (346, 144859), (378, 144928), (389, 144955), (414, 145009), (427, 145054), (428, 145057), (460, 145135), (468, 145156), (521, 145267), (565, 145357), (570, 145375), (611, 145447), (625, 145480),

Gene: Lopsy_48 Start: 41269, Stop: 42624, Start Num: 89

Candidate Starts for Lopsy_48:

(Start: 89 @41269 has 280 MA's), (Start: 105 @41320 has 11 MA's), (119, 41353), (185, 41482), (186, 41485), (194, 41500), (249, 41596), (273, 41635), (287, 41665), (300, 41701), (354, 41812), (365, 41842), (367, 41845), (397, 41911), (457, 42070), (477, 42118), (481, 42136), (504, 42184), (566, 42328), (588, 42388), (628, 42493), (671, 42580),

Gene: Lopton_11 Start: 6354, Stop: 7322, Start Num: 175

Candidate Starts for Lopton_11:

(Start: 175 @6354 has 331 MA's), (Start: 191 @6387 has 6 MA's), (Start: 202 @6405 has 32 MA's), (Start: 203 @6408 has 2 MA's), (366, 6675), (389, 6726), (396, 6738), (430, 6813), (455, 6876), (461, 6888), (468, 6909), (474, 6921), (479, 6939), (487, 6957), (500, 6981), (521, 7020), (563, 7101), (570, 7125), (571, 7128), (572, 7131), (581, 7140), (624, 7227), (663, 7314),

Gene: LordLeafolot_253 Start: 144246, Stop: 145274, Start Num: 158

Candidate Starts for LordLeafolot_253:

(Start: 158 @144246 has 220 MA's), (Start: 175 @144276 has 331 MA's), (182, 144288), (Start: 203 @144330 has 2 MA's), (243, 144393), (254, 144414), (Start: 297 @144498 has 1 MA's), (331, 144540), (339, 144552), (346, 144567), (378, 144636), (389, 144663), (414, 144717), (427, 144762), (428, 144765), (460, 144843), (468, 144864), (521, 144975), (565, 145065), (570, 145083), (611, 145155), (625, 145188),

Gene: LordVader_27 Start: 22702, Stop: 23688, Start Num: 147

Candidate Starts for LordVader_27:

(145, 22699), (147, 22702), (248, 22870), (290, 22942), (Start: 297 @22963 has 1 MA's), (346, 23005), (366, 23056), (372, 23065), (419, 23149), (470, 23284), (482, 23317), (517, 23365), (544, 23392), (618, 23566), (620, 23575), (641, 23617), (645, 23632), (658, 23662),

Gene: Lorde_33 Start: 27654, Stop: 28724, Start Num: 164

Candidate Starts for Lorde_33:

(138, 27600), (Start: 164 @27654 has 214 MA's), (288, 27870), (290, 27873), (316, 27924), (346, 27966), (366, 28017), (413, 28131), (423, 28164), (445, 28239), (454, 28260), (518, 28389), (552, 28461), (592, 28557), (596, 28569), (630, 28638), (654, 28695), (660, 28704),

Gene: Lorenzo_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Lorenzo_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Loser_14 Start: 8241, Stop: 9218, Start Num: 175

Candidate Starts for Loser_14:

(Start: 175 @8241 has 331 MA's), (Start: 203 @8295 has 2 MA's), (344, 8484), (356, 8520), (362, 8532), (389, 8589), (407, 8625), (430, 8673), (444, 8712), (474, 8781), (479, 8799), (502, 8844), (513, 8862), (540, 8904), (552, 8952), (559, 8979), (565, 8994), (571, 9015), (592, 9051), (593, 9054), (618, 9096), (620, 9105), (632, 9138),

Gene: LostAndPhound_48 Start: 41423, Stop: 42778, Start Num: 89

Candidate Starts for LostAndPhound_48:

(Start: 89 @41423 has 280 MA's), (Start: 105 @41474 has 11 MA's), (119, 41507), (128, 41525), (185, 41636), (186, 41639), (194, 41654), (249, 41750), (273, 41789), (287, 41819), (300, 41855), (354, 41966), (365, 41996), (367, 41999), (397, 42065), (457, 42224), (477, 42272), (481, 42290), (504, 42338), (566, 42482), (588, 42542), (628, 42647), (671, 42734),

Gene: Louie6_12 Start: 6049, Stop: 7014, Start Num: 166

Candidate Starts for Louie6_12:

(Start: 166 @6049 has 96 MA's), (Start: 191 @6094 has 6 MA's), (Start: 203 @6115 has 2 MA's), (280, 6235), (362, 6373), (389, 6430), (398, 6445), (439, 6526), (444, 6541), (452, 6559), (474, 6610), (479, 6628), (502, 6673), (552, 6769), (571, 6832), (593, 6871), (620, 6922),

Gene: LouisV14_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for LouisV14_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Iowa_12 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for Iowa_12:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: Luchador_11 Start: 6567, Stop: 7526, Start Num: 191

Candidate Starts for Luchador_11:

(Start: 175 @6534 has 331 MA's), (Start: 191 @6567 has 6 MA's), (Start: 202 @6585 has 32 MA's), (Start: 203 @6588 has 2 MA's), (293, 6723), (331, 6762), (344, 6789), (368, 6849), (389, 6894), (430, 6981), (450, 7026), (454, 7035), (476, 7065), (497, 7113), (542, 7194), (552, 7236), (580, 7323), (629, 7422), (636, 7437), (669, 7512),

Gene: Lucia_32 Start: 27630, Stop: 28631, Start Num: 164

Candidate Starts for Lucia_32:

(Start: 164 @27630 has 214 MA's), (Start: 203 @27705 has 2 MA's), (222, 27738), (243, 27768), (254, 27789), (271, 27819), (278, 27831), (Start: 297 @27873 has 1 MA's), (Start: 313 @27897 has 1 MA's), (331, 27912), (339, 27924), (389, 28035), (440, 28149), (446, 28167), (464, 28206), (474, 28230), (487, 28266), (502, 28293), (521, 28332), (570, 28440), (596, 28488), (603, 28500), (624, 28542), (625, 28545), (630, 28557), (644, 28587),

Gene: Lucky2013_48 Start: 39222, Stop: 40226, Start Num: 103

Candidate Starts for Lucky2013_48:

(Start: 103 @39222 has 9 MA's), (130, 39276), (Start: 158 @39327 has 220 MA's), (196, 39399), (244, 39474), (307, 39588), (314, 39600), (332, 39633), (365, 39702), (374, 39714), (380, 39726), (382, 39729), (401, 39774), (407, 39792), (478, 39954), (486, 39969), (490, 39978), (671, 40179),

Gene: LuckyMarjie_48 Start: 41411, Stop: 42766, Start Num: 89

Candidate Starts for LuckyMarjie_48:

(Start: 89 @41411 has 280 MA's), (Start: 105 @41462 has 11 MA's), (119, 41495), (185, 41624), (186, 41627), (194, 41642), (249, 41738), (273, 41777), (287, 41807), (300, 41843), (354, 41954), (365, 41984), (367, 41987), (397, 42053), (457, 42212), (477, 42260), (481, 42278), (504, 42326), (566,

42470), (588, 42530), (628, 42635), (671, 42722),

Gene: LugYA_14 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for LugYA_14:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Luke_33 Start: 28294, Stop: 29529, Start Num: 96

Candidate Starts for Luke_33:

(Start: 96 @28294 has 92 MA's), (127, 28387), (141, 28420), (145, 28432), (Start: 151 @28444 has 50 MA's), (153, 28447), (184, 28510), (194, 28528), (215, 28561), (249, 28621), (273, 28660), (278, 28669), (279, 28672), (287, 28690), (300, 28726), (327, 28774), (334, 28786), (337, 28792), (359, 28855), (361, 28858), (373, 28885), (381, 28897), (419, 28999), (461, 29086), (477, 29125), (483, 29146), (519, 29215), (541, 29245), (571, 29278), (579, 29287), (584, 29293), (591, 29305), (593, 29314), (625, 29377), (651, 29446),

Gene: Lukilu_241 Start: 145249, Stop: 146277, Start Num: 158

Candidate Starts for Lukilu_241:

(Start: 158 @145249 has 220 MA's), (Start: 175 @145279 has 331 MA's), (182, 145291), (Start: 203 @145333 has 2 MA's), (243, 145396), (254, 145417), (Start: 297 @145501 has 1 MA's), (331, 145543), (339, 145555), (346, 145570), (378, 145639), (389, 145666), (414, 145720), (427, 145765), (428, 145768), (460, 145846), (468, 145867), (521, 145978), (565, 146068), (570, 146086), (611, 146158), (625, 146191),

Gene: Lulumae_48 Start: 41396, Stop: 42751, Start Num: 89

Candidate Starts for Lulumae_48:

(Start: 89 @41396 has 280 MA's), (Start: 105 @41447 has 11 MA's), (119, 41480), (185, 41609), (186, 41612), (194, 41627), (249, 41723), (273, 41762), (287, 41792), (300, 41828), (354, 41939), (365, 41969), (367, 41972), (397, 42038), (457, 42197), (477, 42245), (481, 42263), (504, 42311), (566, 42455), (588, 42515), (628, 42620), (671, 42707),

Gene: Lulwa_49 Start: 41689, Stop: 43044, Start Num: 89

Candidate Starts for Lulwa_49:

(Start: 89 @41689 has 280 MA's), (Start: 105 @41740 has 11 MA's), (119, 41773), (185, 41902), (186, 41905), (194, 41920), (249, 42016), (273, 42055), (287, 42085), (300, 42121), (354, 42232), (365, 42262), (367, 42265), (397, 42331), (457, 42490), (477, 42538), (481, 42556), (504, 42604), (566, 42748), (588, 42808), (628, 42913), (671, 43000),

Gene: Lumine_48 Start: 41392, Stop: 42747, Start Num: 89

Candidate Starts for Lumine_48:

(Start: 89 @41392 has 280 MA's), (Start: 105 @41443 has 11 MA's), (119, 41476), (185, 41605), (186, 41608), (194, 41623), (249, 41719), (273, 41758), (287, 41788), (300, 41824), (354, 41935), (365, 41965), (367, 41968), (397, 42034), (457, 42193), (477, 42241), (481, 42259), (504, 42307), (566, 42451), (588, 42511), (628, 42616), (671, 42703),

Gene: Lumos_28 Start: 26847, Stop: 27890, Start Num: 111

Candidate Starts for Lumos_28:

(Start: 111 @26847 has 20 MA's), (113, 26853), (126, 26880), (134, 26901), (159, 26952), (200, 27033), (259, 27138), (302, 27219), (307, 27225), (360, 27321), (369, 27339), (374, 27345), (377, 27351), (407, 27423), (436, 27480), (466, 27540), (501, 27615), (514, 27636), (590, 27660), (594, 27675), (598, 27687), (630, 27744), (674, 27846), (677, 27867),

Gene: Luna22_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Luna22_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: LunaBlu_34 Start: 28521, Stop: 29537, Start Num: 164

Candidate Starts for LunaBlu_34:

(84, 28290), (85, 28293), (93, 28341), (142, 28476), (144, 28485), (Start: 164 @28521 has 214 MA's), (232, 28653), (243, 28674), (254, 28695), (271, 28725), (278, 28737), (Start: 297 @28779 has 1 MA's), (339, 28830), (346, 28845), (389, 28941), (439, 29052), (446, 29073), (464, 29112), (468, 29124), (487, 29172), (502, 29199), (516, 29223), (521, 29238), (570, 29346), (596, 29394), (630, 29463), (644, 29493),

Gene: LunaStella_33 Start: 28121, Stop: 29197, Start Num: 164

Candidate Starts for LunaStella_33:

(Start: 164 @28121 has 214 MA's), (Start: 179 @28148 has 14 MA's), (192, 28178), (197, 28184), (243, 28259), (248, 28271), (260, 28289), (293, 28346), (343, 28424), (346, 28433), (366, 28484), (384, 28526), (394, 28550), (399, 28559), (413, 28601), (423, 28634), (439, 28691), (440, 28694), (445, 28709), (450, 28721), (459, 28742), (464, 28754), (475, 28778), (518, 28859), (530, 28883), (552, 28934), (583, 29012), (596, 29042), (597, 29045), (622, 29090), (630, 29111), (660, 29177),

Gene: Lunahalos_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Lunahalos_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: LunarLander_10 Start: 5737, Stop: 6705, Start Num: 175

Candidate Starts for LunarLander_10:

(Start: 175 @5737 has 331 MA's), (Start: 191 @5770 has 6 MA's), (Start: 202 @5788 has 32 MA's), (Start: 203 @5791 has 2 MA's), (366, 6058), (389, 6109), (396, 6121), (430, 6196), (455, 6259), (461, 6271), (468, 6292), (474, 6304), (479, 6322), (487, 6340), (500, 6364), (521, 6403), (563, 6484), (570, 6508), (571, 6511), (572, 6514), (581, 6523), (624, 6610), (663, 6697),

Gene: Lunareta_249 Start: 144947, Stop: 145981, Start Num: 158

Candidate Starts for Lunareta_249:

(Start: 158 @144947 has 220 MA's), (Start: 175 @144977 has 331 MA's), (Start: 203 @145031 has 2 MA's), (243, 145094), (254, 145115), (Start: 297 @145199 has 1 MA's), (331, 145241), (339, 145253), (346, 145268), (378, 145337), (389, 145364), (414, 145418), (427, 145463), (428, 145466), (460, 145544), (468, 145565), (521, 145676), (565, 145766), (570, 145784), (611, 145856), (625, 145889), (665, 145976),

Gene: Lunsford_11 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Lunsford_11:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712),

Gene: Lynnae_28 Start: 26291, Stop: 27262, Start Num: 112

Candidate Starts for Lynnae_28:

(Start: 112 @26291 has 24 MA's), (134, 26345), (192, 26465), (211, 26495), (219, 26510), (Start: 238 @26543 has 1 MA's), (240, 26546), (244, 26555), (255, 26576), (288, 26639), (307, 26666), (319, 26690), (338, 26720), (365, 26771), (374, 26783), (402, 26846), (407, 26861), (431, 26921), (437, 26936), (478, 27017), (488, 27035), (489, 27038), (491, 27041), (597, 27092), (625, 27137), (644, 27179), (664, 27221),

Gene: MA5_10 Start: 5337, Stop: 6077, Start Num: 315

Candidate Starts for MA5_10:

(183, 5151), (220, 5220), (Start: 315 @5337 has 18 MA's), (362, 5424), (389, 5481), (396, 5493), (398, 5496), (408, 5520), (414, 5535), (439, 5583), (441, 5589), (452, 5616), (479, 5685), (518, 5757), (546, 5799), (552, 5826), (559, 5853), (570, 5886), (571, 5889), (593, 5928), (666, 6069),

Gene: MAckerman_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for MAckerman_26:

(Start: 169 @25547 has 29 MA's), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (322, 25823), (333, 25838), (352, 25886), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: MISSy_34 Start: 31371, Stop: 32228, Start Num: 209

Candidate Starts for MISSy_34:

(Start: 209 @31371 has 127 MA's), (229, 31410), (244, 31440), (255, 31461), (274, 31497), (288, 31527), (327, 31602), (352, 31650), (355, 31653), (365, 31677), (367, 31680), (378, 31695), (443, 31866), (488, 31965), (494, 31980), (501, 31995), (504, 32001), (582, 32043), (584, 32046), (612, 32100), (646, 32178), (662, 32211),

Gene: MK4_10 Start: 5610, Stop: 6350, Start Num: 315

Candidate Starts for MK4_10:

(Start: 315 @5610 has 18 MA's), (362, 5697), (389, 5754), (396, 5766), (398, 5769), (408, 5793), (414, 5808), (439, 5856), (441, 5862), (452, 5889), (479, 5958), (518, 6030), (546, 6072), (552, 6099), (559, 6126), (570, 6159), (571, 6162), (593, 6201), (621, 6255), (666, 6342),

Gene: MPhalcon_34 Start: 31364, Stop: 32221, Start Num: 209

Candidate Starts for MPhalcon_34:

(Start: 209 @31364 has 127 MA's), (229, 31403), (244, 31433), (255, 31454), (274, 31490), (288, 31520), (327, 31595), (352, 31643), (355, 31646), (365, 31670), (367, 31673), (378, 31688), (443, 31859), (494, 31973), (501, 31988), (504, 31994), (582, 32036), (584, 32039), (612, 32093), (646, 32171), (662, 32204),

Gene: MPlant7149_9 Start: 5587, Stop: 6555, Start Num: 175

Candidate Starts for MPlant7149_9:

(Start: 175 @5587 has 331 MA's), (Start: 191 @5620 has 6 MA's), (Start: 202 @5638 has 32 MA's), (Start: 203 @5641 has 2 MA's), (366, 5908), (389, 5959), (396, 5971), (430, 6046), (455, 6109), (461, 6121), (468, 6142), (474, 6154), (479, 6172), (487, 6190), (500, 6214), (521, 6253), (563, 6334), (570, 6358), (571, 6361), (572, 6364), (581, 6373), (624, 6460), (663, 6547),

Gene: MRabcd_48 Start: 41402, Stop: 42757, Start Num: 89

Candidate Starts for MRabcd_48:

(Start: 89 @41402 has 280 MA's), (Start: 105 @41453 has 11 MA's), (119, 41486), (128, 41504), (185, 41615), (186, 41618), (194, 41633), (249, 41729), (273, 41768), (287, 41798), (300, 41834), (354, 41945), (365, 41975), (367, 41978), (397, 42044), (457, 42203), (477, 42251), (481, 42269), (504, 42317), (566, 42461), (588, 42521), (628, 42626), (671, 42713),

Gene: Maby2021_253 Start: 145933, Stop: 146961, Start Num: 158

Candidate Starts for Maby2021_253:

(Start: 158 @145933 has 220 MA's), (Start: 175 @145963 has 331 MA's), (182, 145975), (Start: 203 @146017 has 2 MA's), (243, 146080), (254, 146101), (Start: 297 @146185 has 1 MA's), (331, 146227), (339, 146239), (346, 146254), (378, 146323), (389, 146350), (414, 146404), (427, 146449), (428, 146452), (460, 146530), (468, 146551), (521, 146662), (565, 146752), (570, 146770), (611, 146842), (625, 146875),

Gene: MacKat_31 Start: 26471, Stop: 27343, Start Num: 227

Candidate Starts for MacKat_31:

(Start: 209 @26444 has 127 MA's), (Start: 227 @26471 has 136 MA's), (Start: 238 @26483 has 1 MA's), (275, 26552), (288, 26579), (300, 26609), (307, 26618), (327, 26654), (332, 26663), (346, 26696), (352, 26714), (367, 26744), (395, 26801), (397, 26804), (465, 26939), (478, 26966), (489, 26987), (499, 27011), (539, 27062), (596, 27164), (621, 27200), (630, 27224), (674, 27323), (676, 27332),

Gene: MacnCheese_32 Start: 27431, Stop: 28219, Start Num: 227

Candidate Starts for MacnCheese_32:

(Start: 209 @27407 has 127 MA's), (Start: 227 @27431 has 136 MA's), (255, 27476), (275, 27512), (300, 27569), (307, 27578), (327, 27614), (352, 27668), (364, 27692), (433, 27833), (465, 27896), (478, 27938), (489, 27959), (491, 27965), (499, 27983), (593, 28013), (594, 28016), (620, 28055), (630, 28082), (659, 28154), (674, 28184),

Gene: MadKillah_68 Start: 43198, Stop: 44238, Start Num: 160

Candidate Starts for MadKillah_68:

(Start: 160 @43198 has 30 MA's), (Start: 203 @43273 has 2 MA's), (243, 43354), (246, 43360), (254, 43375), (295, 43456), (Start: 297 @43459 has 1 MA's), (339, 43513), (346, 43528), (389, 43624), (408, 43663), (416, 43693), (427, 43723), (428, 43726), (441, 43759), (468, 43825), (482, 43864), (487, 43873), (502, 43900), (521, 43939), (608, 44113), (630, 44164),

Gene: MadMarie_12 Start: 5964, Stop: 6929, Start Num: 166

Candidate Starts for MadMarie_12:

(Start: 166 @5964 has 96 MA's), (Start: 191 @6009 has 6 MA's), (Start: 203 @6030 has 2 MA's), (280, 6150), (362, 6288), (389, 6345), (398, 6360), (439, 6441), (444, 6456), (452, 6474), (474, 6525), (479, 6543), (502, 6588), (552, 6684), (571, 6747), (593, 6786), (620, 6837),

Gene: MadMen_29 Start: 26957, Stop: 27958, Start Num: 164

Candidate Starts for MadMen_29:

(Start: 164 @26957 has 214 MA's), (Start: 203 @27032 has 2 MA's), (222, 27065), (243, 27095), (254, 27116), (Start: 297 @27200 has 1 MA's), (339, 27251), (346, 27266), (389, 27362), (439, 27473), (446, 27494), (464, 27533), (468, 27545), (487, 27593), (502, 27620), (516, 27644), (521, 27659), (570, 27767), (596, 27815), (630, 27884), (644, 27914),

Gene: MadamMonkfish_35 Start: 31276, Stop: 32133, Start Num: 209

Candidate Starts for MadamMonkfish_35:

(Start: 209 @31276 has 127 MA's), (229, 31315), (244, 31345), (255, 31366), (274, 31402), (288, 31432), (327, 31507), (352, 31555), (355, 31558), (365, 31582), (367, 31585), (378, 31600), (443, 31771), (494, 31885), (501, 31900), (504, 31906), (582, 31948), (584, 31951), (612, 32005), (646,

32083), (662, 32116),

Gene: Madiba_29 Start: 26429, Stop: 27430, Start Num: 164

Candidate Starts for Madiba_29:

(100, 26267), (Start: 164 @26429 has 214 MA's), (Start: 203 @26504 has 2 MA's), (222, 26537), (243, 26567), (254, 26588), (Start: 297 @26672 has 1 MA's), (Start: 313 @26696 has 1 MA's), (331, 26711), (339, 26723), (389, 26834), (440, 26948), (446, 26966), (464, 27005), (474, 27029), (487, 27065), (502, 27092), (521, 27131), (570, 27239), (596, 27287), (603, 27299), (625, 27344), (630, 27356), (644, 27386),

Gene: Madruga_40 Start: 34911, Stop: 35936, Start Num: 158

Candidate Starts for Madruga_40:

(Start: 158 @34911 has 220 MA's), (243, 35046), (288, 35121), (343, 35205), (346, 35214), (355, 35238), (357, 35247), (405, 35340), (439, 35439), (452, 35472), (459, 35487), (466, 35508), (472, 35517), (518, 35604), (533, 35622), (549, 35652), (552, 35670), (562, 35706), (596, 35781), (603, 35793), (606, 35796), (624, 35835), (649, 35892),

Gene: Mag7_48 Start: 41326, Stop: 42681, Start Num: 89

Candidate Starts for Mag7_48:

(Start: 89 @41326 has 280 MA's), (Start: 105 @41377 has 11 MA's), (119, 41410), (185, 41539), (186, 41542), (194, 41557), (249, 41653), (273, 41692), (287, 41722), (300, 41758), (354, 41869), (365, 41899), (367, 41902), (397, 41968), (457, 42127), (477, 42175), (481, 42193), (504, 42241), (566, 42385), (588, 42445), (628, 42550), (671, 42637),

Gene: Magic8_49 Start: 41761, Stop: 43116, Start Num: 89

Candidate Starts for Magic8_49:

(Start: 89 @41761 has 280 MA's), (Start: 105 @41812 has 11 MA's), (119, 41845), (185, 41974), (186, 41977), (194, 41992), (249, 42088), (273, 42127), (287, 42157), (300, 42193), (354, 42304), (365, 42334), (367, 42337), (397, 42403), (457, 42562), (477, 42610), (481, 42628), (504, 42676), (566, 42820), (588, 42880), (628, 42985), (671, 43072),

Gene: Magnar_10 Start: 5741, Stop: 6703, Start Num: 175

Candidate Starts for Magnar_10:

(Start: 175 @5741 has 331 MA's), (Start: 191 @5774 has 6 MA's), (Start: 202 @5792 has 32 MA's), (Start: 203 @5795 has 2 MA's), (339, 5996), (366, 6062), (389, 6107), (432, 6197), (464, 6278), (468, 6290), (474, 6302), (479, 6320), (487, 6338), (500, 6362), (521, 6401), (563, 6482), (570, 6506), (571, 6509), (572, 6512), (581, 6521), (624, 6608), (644, 6653), (663, 6695),

Gene: Magnito_9 Start: 5486, Stop: 6454, Start Num: 175

Candidate Starts for Magnito_9:

(Start: 175 @5486 has 331 MA's), (Start: 191 @5519 has 6 MA's), (Start: 202 @5537 has 32 MA's), (Start: 203 @5540 has 2 MA's), (366, 5807), (389, 5858), (396, 5870), (430, 5945), (455, 6008), (461, 6020), (468, 6041), (474, 6053), (479, 6071), (487, 6089), (500, 6113), (521, 6152), (563, 6233), (570, 6257), (571, 6260), (572, 6263), (581, 6272), (624, 6359), (663, 6446),

Gene: Mahavrat_31 Start: 27558, Stop: 28559, Start Num: 164

Candidate Starts for Mahavrat_31:

(119, 27459), (150, 27531), (Start: 164 @27558 has 214 MA's), (Start: 175 @27579 has 331 MA's), (182, 27591), (Start: 203 @27633 has 2 MA's), (222, 27666), (243, 27696), (254, 27717), (Start: 297 @27801 has 1 MA's), (Start: 313 @27825 has 1 MA's), (331, 27840), (339, 27852), (389, 27963), (440, 28077), (446, 28095), (464, 28134), (474, 28158), (487, 28194), (502, 28221), (521, 28260), (570, 28368), (603, 28428), (625, 28473), (630, 28485), (644, 28515),

Gene: Mainiac_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for Mainiac_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: Majeke_27 Start: 24058, Stop: 25224, Start Num: 110

Candidate Starts for Majeke_27:

(Start: 110 @24058 has 51 MA's), (134, 24115), (178, 24202), (207, 24247), (249, 24322), (264, 24343), (300, 24427), (327, 24466), (354, 24532), (365, 24562), (379, 24583), (397, 24628), (434, 24724), (447, 24763), (461, 24778), (477, 24817), (517, 24904), (524, 24922), (531, 24928), (571, 24976), (588, 24997), (621, 25069), (651, 25144),

Gene: MajorMajor_10 Start: 5599, Stop: 6363, Start Num: 311

Candidate Starts for MajorMajor_10:

(Start: 311 @5599 has 12 MA's), (389, 5743), (440, 5857), (441, 5860), (444, 5869), (474, 5938), (479, 5956), (513, 6019), (552, 6097), (559, 6124), (565, 6139), (570, 6157), (571, 6160), (620, 6250), (645, 6319),

Gene: Makemake_10 Start: 6196, Stop: 7164, Start Num: 175

Candidate Starts for Makemake_10:

(Start: 175 @6196 has 331 MA's), (Start: 191 @6229 has 6 MA's), (Start: 202 @6247 has 32 MA's), (Start: 203 @6250 has 2 MA's), (366, 6517), (389, 6568), (396, 6580), (430, 6655), (455, 6718), (468, 6751), (479, 6781), (487, 6799), (500, 6823), (521, 6862), (563, 6943), (570, 6967), (571, 6970), (572, 6973), (581, 6982), (624, 7069), (644, 7114), (663, 7156),

Gene: MalagasyRose_31 Start: 25844, Stop: 26686, Start Num: 227

Candidate Starts for MalagasyRose_31:

(Start: 209 @25817 has 127 MA's), (Start: 227 @25844 has 136 MA's), (Start: 238 @25856 has 1 MA's), (251, 25883), (255, 25889), (272, 25919), (286, 25943), (300, 25979), (307, 25988), (327, 26024), (346, 26066), (395, 26171), (476, 26324), (478, 26336), (489, 26357), (499, 26381), (520, 26408), (524, 26417), (596, 26507), (622, 26546), (630, 26567), (674, 26666),

Gene: Malec_12 Start: 6729, Stop: 7712, Start Num: 175

Candidate Starts for Malec_12:

(Start: 175 @6729 has 331 MA's), (190, 6759), (Start: 191 @6762 has 6 MA's), (Start: 203 @6783 has 2 MA's), (356, 7020), (362, 7032), (378, 7059), (389, 7089), (396, 7101), (404, 7113), (428, 7167), (448, 7218), (479, 7278), (550, 7425), (572, 7500), (607, 7560), (639, 7632), (661, 7686),

Gene: Maliketh_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Maliketh_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Malinsilva_14 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for Malinsilva_14:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: Malithi_27 Start: 23977, Stop: 25143, Start Num: 110

Candidate Starts for Malithi_27:

(Start: 110 @23977 has 51 MA's), (114, 23986), (132, 24031), (134, 24034), (178, 24121), (207, 24166), (230, 24199), (249, 24241), (264, 24262), (273, 24280), (300, 24346), (327, 24385), (354, 24451), (365, 24481), (379, 24502), (397, 24547), (434, 24643), (447, 24682), (461, 24697), (465, 24709), (477, 24736), (517, 24823), (524, 24841), (531, 24847), (571, 24895), (588, 24916), (621, 24988), (651, 25063),

Gene: Malthus_33 Start: 27553, Stop: 28344, Start Num: 213

Candidate Starts for Malthus_33:

(Start: 213 @27553 has 23 MA's), (Start: 238 @27586 has 1 MA's), (255, 27619), (268, 27643), (280, 27664), (300, 27712), (307, 27721), (327, 27757), (371, 27838), (465, 28045), (478, 28072), (481, 28078), (489, 28093), (499, 28117), (594, 28141), (612, 28162), (625, 28195), (630, 28207), (659, 28279),

Gene: Mana_48 Start: 41411, Stop: 42766, Start Num: 89

Candidate Starts for Mana_48:

(Start: 89 @41411 has 280 MA's), (Start: 105 @41462 has 11 MA's), (119, 41495), (128, 41513), (185, 41624), (186, 41627), (194, 41642), (249, 41738), (273, 41777), (287, 41807), (300, 41843), (354, 41954), (365, 41984), (367, 41987), (397, 42053), (457, 42212), (477, 42260), (481, 42278), (504, 42326), (566, 42470), (588, 42530), (628, 42635), (671, 42722),

Gene: Manad_49 Start: 41671, Stop: 43026, Start Num: 89

Candidate Starts for Manad_49:

(Start: 89 @41671 has 280 MA's), (Start: 105 @41722 has 11 MA's), (119, 41755), (185, 41884), (186, 41887), (194, 41902), (249, 41998), (273, 42037), (287, 42067), (300, 42103), (354, 42214), (365, 42244), (367, 42247), (397, 42313), (457, 42472), (477, 42520), (481, 42538), (504, 42586), (566, 42730), (588, 42790), (628, 42895), (651, 42949), (671, 42982),

Gene: Manatee_10 Start: 5683, Stop: 6651, Start Num: 175

Candidate Starts for Manatee_10:

(Start: 175 @5683 has 331 MA's), (Start: 191 @5716 has 6 MA's), (Start: 202 @5734 has 32 MA's), (Start: 203 @5737 has 2 MA's), (366, 6004), (389, 6055), (396, 6067), (430, 6142), (455, 6205), (468, 6238), (474, 6250), (479, 6268), (487, 6286), (500, 6310), (521, 6349), (563, 6430), (570, 6454), (571, 6457), (572, 6460), (581, 6469), (624, 6556), (663, 6643),

Gene: Manda_36 Start: 32343, Stop: 33200, Start Num: 209

Candidate Starts for Manda_36:

(Start: 209 @32343 has 127 MA's), (229, 32382), (244, 32412), (255, 32433), (274, 32469), (288, 32499), (327, 32574), (352, 32622), (355, 32625), (365, 32649), (367, 32652), (378, 32667), (443, 32838), (494, 32952), (501, 32967), (504, 32973), (582, 33015), (584, 33018), (612, 33072), (646, 33150), (662, 33183),

Gene: Mandlovu_32 Start: 28274, Stop: 29290, Start Num: 164

Candidate Starts for Mandlovu_32:

(64, 27956), (65, 27962), (68, 27974), (Start: 71 @27986 has 1 MA's), (74, 27998), (Start: 164 @28274 has 214 MA's), (232, 28406), (243, 28427), (254, 28448), (271, 28478), (278, 28490), (Start: 297 @28532 has 1 MA's), (Start: 313 @28556 has 1 MA's), (331, 28571), (339, 28583), (346, 28598), (389, 28694), (439, 28805), (446, 28826), (464, 28865), (468, 28877), (487, 28925), (502, 28952), (516, 28976), (521, 28991), (570, 29099), (596, 29147), (630, 29216), (644, 29246),

Gene: Mangeria_252 Start: 145144, Stop: 146172, Start Num: 158

Candidate Starts for Mangeria_252:

(Start: 158 @145144 has 220 MA's), (Start: 175 @145174 has 331 MA's), (182, 145186), (Start: 203 @145228 has 2 MA's), (243, 145291), (254, 145312), (Start: 297 @145396 has 1 MA's), (331, 145438), (339, 145450), (346, 145465), (378, 145534), (389, 145561), (414, 145615), (427, 145660), (428, 145663), (460, 145741), (468, 145762), (521, 145873), (565, 145963), (570, 145981), (611, 146053), (625, 146086),

Gene: Mangethe_27 Start: 24058, Stop: 25224, Start Num: 110

Candidate Starts for Mangethe_27:

(Start: 110 @24058 has 51 MA's), (134, 24115), (178, 24202), (207, 24247), (249, 24322), (264, 24343), (300, 24427), (327, 24466), (354, 24532), (365, 24562), (379, 24583), (397, 24628), (434, 24724), (447, 24763), (461, 24778), (477, 24817), (517, 24904), (524, 24922), (531, 24928), (571, 24976), (588, 24997), (621, 25069), (651, 25144),

Gene: Mantra_31 Start: 27618, Stop: 28619, Start Num: 164

Candidate Starts for Mantra_31:

(35, 26997), (41, 27075), (45, 27138), (53, 27177), (70, 27330), (79, 27366), (Start: 164 @27618 has 214 MA's), (Start: 175 @27639 has 331 MA's), (182, 27651), (Start: 203 @27693 has 2 MA's), (243, 27756), (254, 27777), (271, 27807), (Start: 297 @27861 has 1 MA's), (Start: 313 @27885 has 1 MA's), (339, 27912), (389, 28023), (440, 28137), (446, 28155), (464, 28194), (474, 28218), (487, 28254), (502, 28281), (521, 28320), (552, 28368), (570, 28428), (603, 28488), (630, 28545), (644, 28575),

Gene: Manu_13 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Manu_13:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: Mao1_38 Start: 36347, Stop: 37516, Start Num: 109

Candidate Starts for Mao1_38:

(26, 35753), (29, 35816), (43, 35969), (88, 36278), (Start: 109 @36347 has 3 MA's), (134, 36401), (135, 36404), (178, 36488), (249, 36608), (264, 36629), (300, 36713), (327, 36752), (354, 36818), (379, 36869), (397, 36914), (404, 36929), (434, 37010), (447, 37049), (461, 37064), (465, 37076), (477, 37103), (517, 37190), (524, 37208), (536, 37220), (571, 37268), (588, 37289), (591, 37295), (614, 37340), (621, 37361), (651, 37436), (679, 37505),

Gene: MarQuardt_12 Start: 5963, Stop: 6928, Start Num: 166

Candidate Starts for MarQuardt_12:

(Start: 166 @5963 has 96 MA's), (Start: 191 @6008 has 6 MA's), (Start: 203 @6029 has 2 MA's), (280, 6149), (389, 6344), (398, 6359), (439, 6440), (444, 6455), (452, 6473), (474, 6524), (479, 6542), (502, 6587), (552, 6683), (571, 6746), (593, 6785), (620, 6836),

Gene: Maravista_31 Start: 27454, Stop: 28455, Start Num: 164

Candidate Starts for Maravista_31:

(Start: 164 @27454 has 214 MA's), (Start: 175 @27475 has 331 MA's), (182, 27487), (Start: 203 @27529 has 2 MA's), (243, 27592), (254, 27613), (271, 27643), (Start: 297 @27697 has 1 MA's), (Start: 313 @27721 has 1 MA's), (331, 27736), (339, 27748), (389, 27859), (440, 27973), (446, 27991), (464, 28030), (474, 28054), (487, 28090), (502, 28117), (521, 28156), (552, 28204), (570, 28264), (603, 28324), (630, 28381), (644, 28411),

Gene: Marcell_10 Start: 5946, Stop: 6914, Start Num: 175

Candidate Starts for Marcell_10:

(Start: 175 @5946 has 331 MA's), (Start: 191 @5979 has 6 MA's), (Start: 202 @5997 has 32 MA's), (Start: 203 @6000 has 2 MA's), (366, 6267), (389, 6318), (396, 6330), (430, 6405), (455, 6468), (461,

6480), (468, 6501), (474, 6513), (479, 6531), (487, 6549), (500, 6573), (521, 6612), (563, 6693), (570, 6717), (571, 6720), (572, 6723), (581, 6732), (644, 6864), (663, 6906),

Gene: Marchesa_10 Start: 5790, Stop: 6530, Start Num: 315

Candidate Starts for Marchesa_10:

(Start: 315 @5790 has 18 MA's), (362, 5877), (389, 5934), (396, 5946), (398, 5949), (408, 5973), (414, 5988), (427, 6006), (439, 6036), (441, 6042), (444, 6051), (452, 6069), (474, 6120), (479, 6138), (518, 6210), (546, 6252), (552, 6279), (559, 6306), (570, 6339), (571, 6342), (593, 6381), (666, 6522),

Gene: Marchy_9 Start: 5606, Stop: 6541, Start Num: 191

Candidate Starts for Marchy_9:

(Start: 175 @5573 has 331 MA's), (Start: 191 @5606 has 6 MA's), (Start: 202 @5624 has 32 MA's), (Start: 203 @5627 has 2 MA's), (366, 5894), (389, 5945), (396, 5957), (430, 6032), (455, 6095), (468, 6128), (474, 6140), (479, 6158), (487, 6176), (521, 6239), (563, 6320), (570, 6344), (571, 6347), (572, 6350), (581, 6359), (624, 6446), (644, 6491), (663, 6533),

Gene: Marco3_10 Start: 6218, Stop: 7186, Start Num: 175

Candidate Starts for Marco3_10:

(Start: 175 @6218 has 331 MA's), (Start: 191 @6251 has 6 MA's), (Start: 202 @6269 has 32 MA's), (Start: 203 @6272 has 2 MA's), (366, 6539), (389, 6590), (396, 6602), (430, 6677), (455, 6740), (461, 6752), (468, 6773), (474, 6785), (479, 6803), (487, 6821), (500, 6845), (521, 6884), (563, 6965), (570, 6989), (571, 6992), (572, 6995), (581, 7004), (624, 7091), (644, 7136), (663, 7178),

Gene: Marcoliusprime_29 Start: 24807, Stop: 26009, Start Num: 105

Candidate Starts for Marcoliusprime_29:

(95, 24765), (Start: 105 @24807 has 11 MA's), (115, 24834), (139, 24891), (150, 24912), (Start: 164 @24939 has 214 MA's), (195, 24999), (217, 25035), (Start: 238 @25068 has 1 MA's), (240, 25071), (255, 25101), (288, 25167), (307, 25206), (351, 25284), (375, 25329), (401, 25386), (407, 25404), (478, 25569), (489, 25590), (498, 25611), (557, 25716), (561, 25731), (593, 25800), (625, 25857), (657, 25938),

Gene: Marge_10 Start: 5967, Stop: 6935, Start Num: 175

Candidate Starts for Marge_10:

(Start: 175 @5967 has 331 MA's), (Start: 191 @6000 has 6 MA's), (Start: 202 @6018 has 32 MA's), (Start: 203 @6021 has 2 MA's), (366, 6288), (389, 6339), (396, 6351), (430, 6426), (455, 6489), (461, 6501), (468, 6522), (479, 6552), (487, 6570), (500, 6594), (521, 6633), (563, 6714), (570, 6738), (571, 6741), (572, 6744), (581, 6753), (624, 6840), (644, 6885), (663, 6927),

Gene: Margo_11 Start: 6077, Stop: 7042, Start Num: 166

Candidate Starts for Margo_11:

(Start: 166 @6077 has 96 MA's), (Start: 191 @6122 has 6 MA's), (Start: 203 @6143 has 2 MA's), (280, 6263), (293, 6278), (Start: 326 @6317 has 2 MA's), (362, 6401), (389, 6458), (398, 6473), (439, 6554), (444, 6569), (452, 6587), (474, 6638), (479, 6656), (502, 6701), (552, 6797), (571, 6860), (593, 6899), (620, 6950),

Gene: Marie_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Marie_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Marius_13 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Marius_13:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: MarkPhew_31 Start: 25592, Stop: 26332, Start Num: 227

Candidate Starts for MarkPhew_31:

(165, 25490), (176, 25511), (196, 25544), (Start: 209 @25565 has 127 MA's), (Start: 227 @25592 has 136 MA's), (251, 25631), (255, 25637), (275, 25673), (307, 25730), (327, 25766), (346, 25808), (367, 25856), (397, 25916), (478, 26078), (491, 26105), (499, 26123), (506, 26135), (621, 26189), (630, 26213), (674, 26312), (676, 26321),

Gene: Marker_32 Start: 27383, Stop: 28384, Start Num: 164

Candidate Starts for Marker_32:

(79, 27131), (119, 27284), (150, 27356), (Start: 164 @27383 has 214 MA's), (Start: 203 @27458 has 2 MA's), (243, 27521), (254, 27542), (271, 27572), (Start: 297 @27626 has 1 MA's), (Start: 313 @27650 has 1 MA's), (331, 27665), (339, 27677), (346, 27692), (389, 27788), (440, 27902), (446, 27920), (464, 27959), (474, 27983), (487, 28019), (502, 28046), (521, 28085), (552, 28133), (570, 28193), (596, 28241), (603, 28253), (625, 28298), (630, 28310), (644, 28340),

Gene: Marley1013_47 Start: 42315, Stop: 43379, Start Num: 151

Candidate Starts for Marley1013_47:

(Start: 151 @42315 has 50 MA's), (184, 42378), (236, 42459), (271, 42525), (279, 42540), (288, 42552), (298, 42579), (343, 42636), (346, 42645), (413, 42792), (419, 42807), (439, 42861), (452, 42894), (467, 42933), (475, 42945), (518, 43026), (533, 43044), (535, 43047), (552, 43092), (596, 43203), (649, 43314), (658, 43335), (673, 43368),

Gene: Marleymoo_50 Start: 42099, Stop: 43103, Start Num: 103

Candidate Starts for Marleymoo_50:

(Start: 103 @42099 has 9 MA's), (130, 42153), (Start: 158 @42204 has 220 MA's), (193, 42273), (196, 42276), (221, 42318), (300, 42456), (307, 42465), (332, 42510), (365, 42579), (380, 42603), (382, 42606), (401, 42651), (407, 42669), (478, 42831), (486, 42846), (490, 42855), (671, 43056),

Gene: Marlia_47 Start: 41518, Stop: 42582, Start Num: 151

Candidate Starts for Marlia_47:

(Start: 151 @41518 has 50 MA's), (184, 41581), (236, 41662), (271, 41728), (279, 41743), (288, 41755), (298, 41782), (343, 41839), (346, 41848), (413, 41995), (419, 42010), (439, 42064), (452, 42097), (467, 42136), (475, 42148), (518, 42229), (533, 42247), (535, 42250), (552, 42295), (596, 42406), (649, 42517), (658, 42538), (673, 42571),

Gene: Marmie_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Marmie_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Maroc7_9 Start: 5759, Stop: 6727, Start Num: 175

Candidate Starts for Maroc7_9:

(Start: 175 @5759 has 331 MA's), (Start: 191 @5792 has 6 MA's), (Start: 202 @5810 has 32 MA's), (Start: 203 @5813 has 2 MA's), (366, 6080), (389, 6131), (396, 6143), (430, 6218), (455, 6281), (461, 6293), (468, 6314), (474, 6326), (479, 6344), (487, 6362), (500, 6386), (521, 6425), (563, 6506), (570, 6530), (571, 6533), (572, 6536), (581, 6545), (644, 6677), (663, 6719),

Gene: Marsha_10 Start: 6203, Stop: 7171, Start Num: 175

Candidate Starts for Marsha_10:

(Start: 175 @6203 has 331 MA's), (Start: 191 @6236 has 6 MA's), (Start: 202 @6254 has 32 MA's), (Start: 203 @6257 has 2 MA's), (366, 6524), (378, 6542), (389, 6575), (396, 6587), (430, 6662), (455, 6725), (468, 6758), (479, 6788), (487, 6806), (521, 6869), (563, 6950), (570, 6974), (571, 6977), (572, 6980), (581, 6989), (624, 7076), (663, 7163),

Gene: Marshawn_32 Start: 26272, Stop: 27012, Start Num: 227

Candidate Starts for Marshawn_32:

(196, 26224), (Start: 209 @26245 has 127 MA's), (Start: 227 @26272 has 136 MA's), (Start: 238 @26284 has 1 MA's), (251, 26311), (255, 26317), (275, 26353), (307, 26410), (314, 26422), (327, 26446), (346, 26488), (367, 26536), (397, 26596), (465, 26731), (478, 26758), (499, 26803), (594, 26827), (621, 26869), (628, 26890), (630, 26893), (674, 26992), (676, 27001),

Gene: Marshmallow_35 Start: 31856, Stop: 32713, Start Num: 209

Candidate Starts for Marshmallow_35:

(Start: 209 @31856 has 127 MA's), (229, 31895), (244, 31925), (255, 31946), (274, 31982), (288, 32012), (327, 32087), (352, 32135), (355, 32138), (365, 32162), (367, 32165), (378, 32180), (443, 32351), (494, 32465), (501, 32480), (504, 32486), (582, 32528), (584, 32531), (612, 32585), (646, 32663), (662, 32696),

Gene: Martik_31 Start: 27699, Stop: 28700, Start Num: 164

Candidate Starts for Martik_31:

(Start: 164 @27699 has 214 MA's), (Start: 175 @27720 has 331 MA's), (182, 27732), (Start: 203 @27774 has 2 MA's), (243, 27837), (254, 27858), (271, 27888), (Start: 297 @27942 has 1 MA's), (Start: 313 @27966 has 1 MA's), (331, 27981), (339, 27993), (389, 28104), (440, 28218), (446, 28236), (464, 28275), (474, 28299), (487, 28335), (502, 28362), (521, 28401), (552, 28449), (570, 28509), (603, 28569), (630, 28626), (644, 28656),

Gene: Maru_48 Start: 41354, Stop: 42709, Start Num: 89

Candidate Starts for Maru_48:

(Start: 89 @41354 has 280 MA's), (Start: 105 @41405 has 11 MA's), (119, 41438), (185, 41567), (186, 41570), (194, 41585), (249, 41681), (273, 41720), (287, 41750), (300, 41786), (354, 41897), (365, 41927), (367, 41930), (397, 41996), (457, 42155), (477, 42203), (481, 42221), (504, 42269), (566, 42413), (588, 42473), (628, 42578), (671, 42665),

Gene: MaryBeth_10 Start: 6181, Stop: 7149, Start Num: 175

Candidate Starts for MaryBeth_10:

(Start: 175 @6181 has 331 MA's), (Start: 191 @6214 has 6 MA's), (Start: 202 @6232 has 32 MA's), (Start: 203 @6235 has 2 MA's), (366, 6502), (389, 6553), (396, 6565), (430, 6640), (455, 6703), (461, 6715), (468, 6736), (474, 6748), (479, 6766), (487, 6784), (500, 6808), (521, 6847), (563, 6928), (570, 6952), (571, 6955), (572, 6958), (581, 6967), (624, 7054), (663, 7141),

Gene: MaryV_52 Start: 38366, Stop: 39331, Start Num: 164

Candidate Starts for MaryV_52:

(Start: 164 @38366 has 214 MA's), (197, 38429), (244, 38489), (252, 38504), (254, 38507), (262, 38519), (266, 38525), (288, 38561), (290, 38564), (339, 38636), (346, 38651), (348, 38657), (378, 38720), (389, 38750), (406, 38783), (439, 38846), (440, 38849), (455, 38888), (468, 38921), (479, 38948), (482, 38957), (500, 38990), (567, 39125), (571, 39140), (596, 39185), (620, 39227), (630, 39254), (649, 39296),

Gene: Maskar_49 Start: 41392, Stop: 42747, Start Num: 89

Candidate Starts for Maskar_49:

(Start: 89 @41392 has 280 MA's), (Start: 105 @41443 has 11 MA's), (119, 41476), (185, 41605), (186, 41608), (194, 41623), (249, 41719), (273, 41758), (287, 41788), (300, 41824), (354, 41935), (365, 41965), (367, 41968), (397, 42034), (457, 42193), (477, 42241), (481, 42259), (504, 42307), (566, 42451), (588, 42511), (628, 42616), (671, 42703),

Gene: Matalotodo_49 Start: 41706, Stop: 43061, Start Num: 89

Candidate Starts for Matalotodo_49:

(Start: 89 @41706 has 280 MA's), (Start: 105 @41757 has 11 MA's), (119, 41790), (185, 41919), (186, 41922), (194, 41937), (249, 42033), (273, 42072), (287, 42102), (300, 42138), (354, 42249), (365, 42279), (367, 42282), (397, 42348), (457, 42507), (477, 42555), (481, 42573), (504, 42621), (566, 42765), (588, 42825), (628, 42930), (671, 43017),

Gene: Matsumoto_250 Start: 144235, Stop: 145263, Start Num: 158

Candidate Starts for Matsumoto_250:

(Start: 158 @144235 has 220 MA's), (Start: 175 @144265 has 331 MA's), (182, 144277), (Start: 203 @144319 has 2 MA's), (243, 144382), (254, 144403), (Start: 297 @144487 has 1 MA's), (331, 144529), (339, 144541), (346, 144556), (378, 144625), (389, 144652), (414, 144706), (427, 144751), (428, 144754), (460, 144832), (468, 144853), (521, 144964), (565, 145054), (570, 145072), (611, 145144), (625, 145177),

Gene: Mattes_31 Start: 27708, Stop: 28709, Start Num: 164

Candidate Starts for Mattes_31:

(Start: 164 @27708 has 214 MA's), (Start: 203 @27783 has 2 MA's), (243, 27846), (254, 27867), (Start: 297 @27951 has 1 MA's), (Start: 313 @27975 has 1 MA's), (331, 27990), (339, 28002), (389, 28113), (440, 28227), (446, 28245), (464, 28284), (474, 28308), (487, 28344), (521, 28410), (570, 28518), (596, 28566), (603, 28578), (625, 28623), (630, 28635), (644, 28665),

Gene: Maturis_246 Start: 144062, Stop: 145096, Start Num: 158

Candidate Starts for Maturis_246:

(Start: 158 @144062 has 220 MA's), (Start: 175 @144092 has 331 MA's), (Start: 203 @144146 has 2 MA's), (243, 144209), (254, 144230), (Start: 297 @144314 has 1 MA's), (331, 144356), (339, 144368), (346, 144383), (378, 144452), (389, 144479), (414, 144533), (427, 144578), (428, 144581), (460, 144659), (468, 144680), (521, 144791), (565, 144881), (570, 144899), (611, 144971), (625, 145004), (665, 145091),

Gene: Maverick_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Maverick_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Maxo_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Maxo_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Maxxinista_36 Start: 31325, Stop: 32182, Start Num: 209

Candidate Starts for Maxxinista_36:

(Start: 209 @31325 has 127 MA's), (229, 31364), (244, 31394), (255, 31415), (274, 31451), (288, 31481), (327, 31556), (352, 31604), (355, 31607), (365, 31631), (367, 31634), (378, 31649), (443, 31820), (494, 31934), (501, 31949), (504, 31955), (582, 31997), (584, 32000), (612, 32054), (646, 32132), (662, 32165),

Gene: Mayonnaise_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Mayonnaise_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Mazhar510_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Mazhar510_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: McGee_254 Start: 144581, Stop: 145609, Start Num: 158

Candidate Starts for McGee_254:

(Start: 158 @144581 has 220 MA's), (Start: 175 @144611 has 331 MA's), (182, 144623), (Start: 203 @144665 has 2 MA's), (243, 144728), (254, 144749), (Start: 297 @144833 has 1 MA's), (331, 144875), (339, 144887), (346, 144902), (378, 144971), (389, 144998), (414, 145052), (427, 145097), (428, 145100), (460, 145178), (468, 145199), (521, 145310), (565, 145400), (570, 145418), (611, 145490), (625, 145523),

Gene: McGuire_10 Start: 5728, Stop: 6696, Start Num: 175

Candidate Starts for McGuire_10:

(Start: 175 @5728 has 331 MA's), (Start: 191 @5761 has 6 MA's), (Start: 202 @5779 has 32 MA's), (Start: 203 @5782 has 2 MA's), (366, 6049), (389, 6100), (396, 6112), (430, 6187), (455, 6250), (468, 6283), (474, 6295), (479, 6313), (487, 6331), (500, 6355), (521, 6394), (563, 6475), (570, 6499), (571, 6502), (572, 6505), (581, 6514), (624, 6601), (663, 6688),

Gene: McMater_31 Start: 25850, Stop: 26611, Start Num: 227

Candidate Starts for McMater_31:

(Start: 209 @25820 has 127 MA's), (Start: 227 @25850 has 136 MA's), (255, 25895), (275, 25931), (302, 25991), (307, 25997), (321, 26027), (327, 26033), (332, 26042), (346, 26075), (364, 26117), (390, 26168), (397, 26183), (465, 26318), (478, 26345), (489, 26366), (491, 26372), (499, 26390), (594, 26423), (596, 26429), (625, 26477), (652, 26549), (674, 26591), (676, 26600),

Gene: McSinger_11 Start: 6144, Stop: 7112, Start Num: 175

Candidate Starts for McSinger_11:

(Start: 175 @6144 has 331 MA's), (Start: 191 @6177 has 6 MA's), (Start: 202 @6195 has 32 MA's), (Start: 203 @6198 has 2 MA's), (331, 6387), (366, 6465), (389, 6516), (396, 6528), (430, 6603), (444, 6642), (468, 6699), (479, 6729), (500, 6771), (521, 6810), (563, 6891), (570, 6915), (571, 6918), (572, 6921), (581, 6930), (624, 7017), (644, 7062), (663, 7104),

Gene: McWolfish_249 Start: 144242, Stop: 145270, Start Num: 158

Candidate Starts for McWolfish_249:

(Start: 158 @144242 has 220 MA's), (Start: 175 @144272 has 331 MA's), (182, 144284), (Start: 203 @144326 has 2 MA's), (243, 144389), (254, 144410), (Start: 297 @144494 has 1 MA's), (331, 144536), (339, 144548), (346, 144563), (378, 144632), (389, 144659), (414, 144713), (427, 144758), (428, 144761), (460, 144839), (468, 144860), (521, 144971), (565, 145061), (570, 145079), (611, 145151), (625, 145184),

Gene: Mcshane_48 Start: 41403, Stop: 42758, Start Num: 89

Candidate Starts for Mcshane_48:

(Start: 89 @41403 has 280 MA's), (Start: 105 @41454 has 11 MA's), (119, 41487), (185, 41616), (186, 41619), (194, 41634), (249, 41730), (273, 41769), (287, 41799), (300, 41835), (354, 41946), (365, 41976), (367, 41979), (397, 42045), (457, 42204), (477, 42252), (481, 42270), (504, 42318), (566, 42462), (588, 42522), (628, 42627), (671, 42714),

Gene: Mdavu_27 Start: 25966, Stop: 26724, Start Num: 226

Candidate Starts for Mdavu_27:

(167, 25864), (196, 25918), (Start: 209 @25939 has 127 MA's), (Start: 226 @25966 has 29 MA's), (255, 26011), (275, 26047), (302, 26107), (307, 26113), (321, 26143), (346, 26191), (364, 26233), (397, 26299), (410, 26335), (465, 26434), (478, 26461), (489, 26482), (491, 26488), (591, 26527), (594, 26539), (596, 26545), (618, 26569), (625, 26593), (674, 26704), (676, 26713),

Gene: MeaningOfLife_31 Start: 26430, Stop: 27302, Start Num: 227

Candidate Starts for MeaningOfLife_31:

(Start: 209 @26403 has 127 MA's), (Start: 227 @26430 has 136 MA's), (Start: 238 @26442 has 1 MA's), (275, 26511), (288, 26538), (300, 26568), (307, 26577), (327, 26613), (332, 26622), (346, 26655), (352, 26673), (367, 26703), (397, 26763), (465, 26898), (478, 26925), (489, 26946), (499, 26970), (539, 27021), (596, 27123), (621, 27159), (630, 27183), (674, 27282), (676, 27291),

Gene: Mecca_48 Start: 41409, Stop: 42764, Start Num: 89

Candidate Starts for Mecca_48:

(Start: 89 @41409 has 280 MA's), (Start: 105 @41460 has 11 MA's), (119, 41493), (128, 41511), (185, 41622), (186, 41625), (194, 41640), (249, 41736), (273, 41775), (287, 41805), (300, 41841), (354, 41952), (365, 41982), (367, 41985), (397, 42051), (457, 42210), (477, 42258), (481, 42276), (504, 42324), (566, 42468), (588, 42528), (628, 42633), (671, 42720),

Gene: Medindi_32 Start: 27797, Stop: 29101, Start Num: 71

Candidate Starts for Medindi_32:

(64, 27767), (65, 27773), (68, 27785), (Start: 71 @27797 has 1 MA's), (74, 27809), (Start: 164 @28085 has 214 MA's), (232, 28217), (243, 28238), (254, 28259), (271, 28289), (278, 28301), (Start: 297 @28343 has 1 MA's), (Start: 313 @28367 has 1 MA's), (331, 28382), (339, 28394), (389, 28505), (440, 28619), (446, 28637), (464, 28676), (474, 28700), (487, 28736), (502, 28763), (521, 28802), (570, 28910), (596, 28958), (630, 29027), (644, 29057),

Gene: Medusa_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Medusa_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: MeeZee_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for MeeZee_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Megamind_249 Start: 144567, Stop: 145595, Start Num: 158

Candidate Starts for Megamind_249:

(Start: 158 @144567 has 220 MA's), (Start: 175 @144597 has 331 MA's), (182, 144609), (Start: 203 @144651 has 2 MA's), (243, 144714), (254, 144735), (Start: 297 @144819 has 1 MA's), (331, 144861), (339, 144873), (346, 144888), (378, 144957), (389, 144984), (414, 145038), (427, 145083), (428, 145086), (460, 145164), (468, 145185), (521, 145296), (565, 145386), (570, 145404), (611, 145476), (625, 145509),

Gene: Megamind20_49 Start: 41431, Stop: 42786, Start Num: 89

Candidate Starts for Megamind20_49:

(Start: 89 @41431 has 280 MA's), (Start: 105 @41482 has 11 MA's), (119, 41515), (185, 41644), (186, 41647), (194, 41662), (249, 41758), (273, 41797), (287, 41827), (300, 41863), (354, 41974), (365, 42004), (367, 42007), (397, 42073), (457, 42232), (477, 42280), (481, 42298), (504, 42346), (566, 42490), (588, 42550), (628, 42655), (671, 42742),

Gene: Megatron_50 Start: 41839, Stop: 43194, Start Num: 89

Candidate Starts for Megatron_50:

(Start: 89 @41839 has 280 MA's), (Start: 105 @41890 has 11 MA's), (119, 41923), (185, 42052), (186, 42055), (194, 42070), (249, 42166), (273, 42205), (287, 42235), (300, 42271), (354, 42382), (365, 42412), (367, 42415), (397, 42481), (457, 42640), (477, 42688), (481, 42706), (504, 42754), (566, 42898), (588, 42958), (628, 43063), (671, 43150),

Gene: Megiddo_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for Megiddo_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: Megsy_31 Start: 26430, Stop: 27302, Start Num: 227

Candidate Starts for Megsy_31:

(Start: 209 @26403 has 127 MA's), (Start: 227 @26430 has 136 MA's), (Start: 238 @26442 has 1 MA's), (275, 26511), (288, 26538), (300, 26568), (307, 26577), (327, 26613), (332, 26622), (346, 26655), (352, 26673), (397, 26763), (465, 26898), (478, 26925), (489, 26946), (499, 26970), (539, 27021), (596, 27123), (621, 27159), (630, 27183), (674, 27282), (676, 27291),

Gene: Melc17_49 Start: 41701, Stop: 43056, Start Num: 89

Candidate Starts for Melc17_49:

(Start: 89 @41701 has 280 MA's), (Start: 105 @41752 has 11 MA's), (119, 41785), (186, 41917), (194, 41932), (249, 42028), (273, 42067), (287, 42097), (300, 42133), (354, 42244), (365, 42274), (367, 42277), (397, 42343), (457, 42502), (477, 42550), (481, 42568), (504, 42616), (566, 42760), (588, 42820), (628, 42925), (651, 42979), (671, 43012),

Gene: Melissauren88_31 Start: 27668, Stop: 28666, Start Num: 158

Candidate Starts for Melissauren88_31:

(Start: 158 @27668 has 220 MA's), (Start: 203 @27743 has 2 MA's), (243, 27803), (254, 27824), (Start: 297 @27908 has 1 MA's), (339, 27959), (346, 27974), (389, 28070), (430, 28157), (439, 28181), (446, 28202), (464, 28241), (468, 28253), (487, 28301), (502, 28328), (516, 28352), (521, 28367), (570, 28475), (596, 28523), (630, 28592), (644, 28622),

Gene: Melpomini_247 Start: 143327, Stop: 144355, Start Num: 158

Candidate Starts for Melpomini_247:

(Start: 158 @143327 has 220 MA's), (Start: 175 @143357 has 331 MA's), (182, 143369), (Start: 203 @143411 has 2 MA's), (243, 143474), (254, 143495), (Start: 297 @143579 has 1 MA's), (331, 143621), (339, 143633), (346, 143648), (378, 143717), (389, 143744), (414, 143798), (427, 143843), (428, 143846), (460, 143924), (468, 143945), (521, 144056), (565, 144146), (570, 144164), (611, 144236), (625, 144269),

Gene: MelsMeow_49 Start: 41442, Stop: 42800, Start Num: 89

Candidate Starts for MelsMeow_49:

(Start: 89 @41442 has 280 MA's), (Start: 105 @41493 has 11 MA's), (119, 41526), (128, 41544), (185, 41655), (186, 41658), (194, 41673), (249, 41769), (273, 41808), (287, 41838), (300, 41874), (354, 41985), (365, 42015), (367, 42018), (397, 42084), (457, 42243), (477, 42291), (481, 42309), (504, 42357), (566, 42504), (588, 42564), (628, 42669), (671, 42756),

Gene: Melvin_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Melvin_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Mercurio_30 Start: 27399, Stop: 28616, Start Num: 96

Candidate Starts for Mercurio_30:

(Start: 96 @27399 has 92 MA's), (155, 27543), (211, 27645), (249, 27714), (273, 27753), (278, 27762), (288, 27786), (300, 27819), (307, 27834), (327, 27867), (361, 27951), (461, 28179), (477, 28218), (478, 28227), (483, 28239), (498, 28272), (501, 28278), (504, 28284), (506, 28287), (671, 28578), (672, 28581),

Gene: Mesh1_49 Start: 41718, Stop: 43073, Start Num: 89

Candidate Starts for Mesh1_49:

(Start: 89 @41718 has 280 MA's), (Start: 105 @41769 has 11 MA's), (119, 41802), (185, 41931), (186, 41934), (194, 41949), (249, 42045), (273, 42084), (287, 42114), (300, 42150), (354, 42261), (365, 42291), (367, 42294), (397, 42360), (457, 42519), (477, 42567), (481, 42585), (504, 42633), (566, 42777), (588, 42837), (628, 42942), (671, 43029),

Gene: Mesmerelda_48 Start: 41413, Stop: 42768, Start Num: 89

Candidate Starts for Mesmerelda_48:

(Start: 89 @41413 has 280 MA's), (Start: 105 @41464 has 11 MA's), (119, 41497), (185, 41626), (186, 41629), (194, 41644), (249, 41740), (273, 41779), (287, 41809), (300, 41845), (354, 41956), (365, 41986), (367, 41989), (397, 42055), (457, 42214), (477, 42262), (481, 42280), (504, 42328), (566, 42472), (588, 42532), (628, 42637), (671, 42724),

Gene: MetalQZJ_10 Start: 6181, Stop: 7149, Start Num: 175

Candidate Starts for MetalQZJ_10:

(Start: 175 @6181 has 331 MA's), (Start: 191 @6214 has 6 MA's), (Start: 202 @6232 has 32 MA's), (Start: 203 @6235 has 2 MA's), (366, 6502), (389, 6553), (396, 6565), (430, 6640), (455, 6703), (461, 6715), (468, 6736), (474, 6748), (479, 6766), (487, 6784), (500, 6808), (521, 6847), (563, 6928), (570, 6952), (571, 6955), (572, 6958), (581, 6967), (624, 7054), (663, 7141),

Gene: Methuselah_12 Start: 6045, Stop: 7010, Start Num: 166

Candidate Starts for Methuselah_12:

(Start: 166 @6045 has 96 MA's), (Start: 191 @6090 has 6 MA's), (Start: 203 @6111 has 2 MA's), (280, 6231), (362, 6369), (389, 6426), (398, 6441), (439, 6522), (444, 6537), (452, 6555), (474, 6606), (479, 6624), (502, 6669), (552, 6765), (571, 6828), (593, 6867), (620, 6918),

Gene: MiaZeal_48 Start: 38897, Stop: 39901, Start Num: 103

Candidate Starts for MiaZeal_48:

(Start: 103 @38897 has 9 MA's), (130, 38951), (Start: 158 @39002 has 220 MA's), (196, 39074), (244, 39149), (307, 39263), (314, 39275), (332, 39308), (365, 39377), (374, 39389), (380, 39401), (382, 39404), (401, 39449), (407, 39467), (478, 39629), (486, 39644), (490, 39653), (671, 39854),

Gene: MichaelPhcott_48 Start: 41323, Stop: 42678, Start Num: 89

Candidate Starts for MichaelPhcott_48:

(Start: 89 @41323 has 280 MA's), (Start: 105 @41374 has 11 MA's), (119, 41407), (185, 41536), (186, 41539), (194, 41554), (249, 41650), (273, 41689), (287, 41719), (300, 41755), (354, 41866), (365, 41896), (367, 41899), (397, 41965), (457, 42124), (477, 42172), (481, 42190), (504, 42238), (566, 42382), (588, 42442), (628, 42547), (671, 42634),

Gene: Michley_10 Start: 5929, Stop: 6897, Start Num: 175

Candidate Starts for Michley_10:

(Start: 175 @5929 has 331 MA's), (Start: 191 @5962 has 6 MA's), (Start: 202 @5980 has 32 MA's), (Start: 203 @5983 has 2 MA's), (366, 6250), (389, 6301), (396, 6313), (430, 6388), (455, 6451), (461, 6463), (468, 6484), (474, 6496), (479, 6514), (487, 6532), (500, 6556), (521, 6595), (563, 6676), (570, 6700), (571, 6703), (572, 6706), (581, 6715), (624, 6802), (644, 6847), (663, 6889),

Gene: Microwolf_12 Start: 5963, Stop: 6928, Start Num: 166

Candidate Starts for Microwolf_12:

(Start: 166 @5963 has 96 MA's), (Start: 191 @6008 has 6 MA's), (Start: 203 @6029 has 2 MA's), (280, 6149), (362, 6287), (389, 6344), (398, 6359), (439, 6440), (444, 6455), (452, 6473), (474, 6524), (479, 6542), (502, 6587), (552, 6683), (571, 6746), (593, 6785), (620, 6836),

Gene: MiculUcigas_11 Start: 6484, Stop: 7461, Start Num: 175

Candidate Starts for MiculUcigas_11:

(Start: 175 @6484 has 331 MA's), (Start: 203 @6538 has 2 MA's), (250, 6595), (344, 6727), (362, 6775), (389, 6832), (407, 6868), (430, 6916), (444, 6955), (475, 7027), (479, 7042), (502, 7087), (513, 7105), (540, 7147), (552, 7195), (559, 7222), (565, 7237), (570, 7255), (571, 7258), (620, 7348),

Gene: MikeLiesIn_253 Start: 145703, Stop: 146731, Start Num: 158

Candidate Starts for MikeLiesIn_253:

(Start: 158 @145703 has 220 MA's), (Start: 175 @145733 has 331 MA's), (182, 145745), (Start: 203 @145787 has 2 MA's), (243, 145850), (254, 145871), (Start: 297 @145955 has 1 MA's), (331, 145997), (339, 146009), (346, 146024), (378, 146093), (389, 146120), (414, 146174), (427, 146219), (428, 146222), (460, 146300), (468, 146321), (521, 146432), (565, 146522), (570, 146540), (611, 146612), (625, 146645),

Gene: Miko_14 Start: 8100, Stop: 9086, Start Num: 175

Candidate Starts for Miko_14:

(Start: 175 @8100 has 331 MA's), (190, 8130), (Start: 202 @8151 has 32 MA's), (Start: 203 @8154 has 2 MA's), (222, 8187), (362, 8403), (389, 8460), (396, 8472), (406, 8493), (450, 8583), (479, 8649), (550, 8799), (555, 8820), (607, 8934), (639, 9006),

Gene: Mikota_49 Start: 41689, Stop: 43044, Start Num: 89

Candidate Starts for Mikota_49:

(Start: 89 @41689 has 280 MA's), (Start: 105 @41740 has 11 MA's), (119, 41773), (185, 41902), (186, 41905), (194, 41920), (249, 42016), (273, 42055), (287, 42085), (300, 42121), (354, 42232), (365, 42262), (367, 42265), (397, 42331), (457, 42490), (477, 42538), (481, 42556), (504, 42604), (566, 42748), (588, 42808), (628, 42913), (671, 43000),

Gene: Mikro_246 Start: 146146, Stop: 147174, Start Num: 158

Candidate Starts for Mikro_246:

(Start: 158 @146146 has 220 MA's), (Start: 175 @146176 has 331 MA's), (182, 146188), (Start: 203 @146230 has 2 MA's), (243, 146293), (254, 146314), (Start: 297 @146398 has 1 MA's), (331, 146440), (339, 146452), (346, 146467), (378, 146536), (389, 146563), (414, 146617), (427, 146662), (428, 146665), (460, 146743), (468, 146764), (521, 146875), (565, 146965), (570, 146983), (611, 147055), (625, 147088),

Gene: MilanaBonita_25 Start: 23599, Stop: 24597, Start Num: 158

Candidate Starts for MilanaBonita_25:

(Start: 158 @23599 has 220 MA's), (Start: 203 @23674 has 2 MA's), (243, 23734), (254, 23755),
(Start: 297 @23839 has 1 MA's), (339, 23890), (346, 23905), (389, 24001), (430, 24088), (439, 24112),
(446, 24133), (464, 24172), (468, 24184), (487, 24232), (502, 24259), (516, 24283), (521, 24298),
(570, 24406), (596, 24454), (630, 24523), (644, 24553),

Gene: Miley16_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Miley16_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238
@26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319,
26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478,
27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664,
27233),

Gene: MilleFeuille_7 Start: 5497, Stop: 6465, Start Num: 175

Candidate Starts for MilleFeuille_7:

(Start: 175 @5497 has 331 MA's), (Start: 191 @5530 has 6 MA's), (Start: 202 @5548 has 32 MA's),
(Start: 203 @5551 has 2 MA's), (366, 5818), (370, 5824), (378, 5836), (389, 5869), (396, 5881), (430,
5956), (455, 6019), (468, 6052), (479, 6082), (487, 6100), (500, 6124), (521, 6163), (563, 6244), (570,
6268), (571, 6271), (572, 6274), (581, 6283), (624, 6370), (644, 6415), (663, 6457),

Gene: MilleniumForce_32 Start: 28460, Stop: 29458, Start Num: 158

Candidate Starts for MilleniumForce_32:

(Start: 158 @28460 has 220 MA's), (Start: 203 @28535 has 2 MA's), (243, 28595), (254, 28616),
(Start: 297 @28700 has 1 MA's), (339, 28751), (346, 28766), (389, 28862), (439, 28973), (446, 28994),
(464, 29033), (468, 29045), (487, 29093), (502, 29120), (516, 29144), (521, 29159), (570, 29267),
(596, 29315), (630, 29384), (644, 29414),

Gene: Millski_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Millski_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929
has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439,
6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639,
6778),

Gene: Milly_29 Start: 24780, Stop: 25982, Start Num: 105

Candidate Starts for Milly_29:

(95, 24738), (Start: 105 @24780 has 11 MA's), (115, 24807), (124, 24828), (139, 24864), (150, 24885),
(Start: 164 @24912 has 214 MA's), (195, 24972), (217, 25008), (Start: 238 @25041 has 1 MA's), (240,
25044), (255, 25074), (288, 25140), (307, 25179), (351, 25257), (375, 25302), (401, 25359), (407,
25377), (478, 25542), (489, 25563), (498, 25584), (544, 25662), (557, 25689), (561, 25704), (593,
25773), (625, 25830), (657, 25911),

Gene: Mindy_35 Start: 31636, Stop: 32493, Start Num: 209

Candidate Starts for Mindy_35:

(Start: 209 @31636 has 127 MA's), (229, 31675), (244, 31705), (255, 31726), (274, 31762), (288,
31792), (327, 31867), (352, 31915), (355, 31918), (365, 31942), (367, 31945), (378, 31960), (443,
32131), (494, 32245), (501, 32260), (504, 32266), (582, 32308), (584, 32311), (612, 32365), (646,
32443), (662, 32476),

Gene: Minerva_55 Start: 43973, Stop: 44845, Start Num: 202

Candidate Starts for Minerva_55:

(Start: 202 @43973 has 32 MA's), (Start: 218 @44000 has 1 MA's), (278, 44108), (288, 44129), (308, 44174), (327, 44195), (342, 44216), (364, 44270), (387, 44321), (407, 44372), (473, 44522), (522, 44630), (524, 44633), (545, 44657), (579, 44693), (590, 44708), (593, 44720), (601, 44741),

Gene: MiniBoss_49 Start: 41695, Stop: 43050, Start Num: 89

Candidate Starts for MiniBoss_49:

(Start: 89 @41695 has 280 MA's), (Start: 105 @41746 has 11 MA's), (119, 41779), (128, 41797), (185, 41908), (186, 41911), (194, 41926), (249, 42022), (273, 42061), (287, 42091), (300, 42127), (354, 42238), (365, 42268), (367, 42271), (397, 42337), (457, 42496), (477, 42544), (481, 42562), (504, 42610), (566, 42754), (588, 42814), (628, 42919), (671, 43006),

Gene: MiniLon_28 Start: 26618, Stop: 27661, Start Num: 111

Candidate Starts for MiniLon_28:

(Start: 111 @26618 has 20 MA's), (113, 26624), (126, 26651), (134, 26672), (159, 26723), (173, 26753), (200, 26804), (259, 26909), (302, 26990), (307, 26996), (329, 27038), (360, 27092), (369, 27110), (374, 27116), (377, 27122), (407, 27194), (436, 27251), (466, 27311), (501, 27386), (514, 27407), (590, 27431), (594, 27446), (596, 27452), (630, 27515), (674, 27617), (677, 27638), (679, 27644),

Gene: MiniMac_28 Start: 26619, Stop: 27662, Start Num: 111

Candidate Starts for MiniMac_28:

(Start: 111 @26619 has 20 MA's), (113, 26625), (126, 26652), (134, 26673), (159, 26724), (173, 26754), (200, 26805), (259, 26910), (302, 26991), (307, 26997), (329, 27039), (360, 27093), (369, 27111), (374, 27117), (377, 27123), (407, 27195), (436, 27252), (466, 27312), (501, 27387), (514, 27408), (590, 27432), (594, 27447), (596, 27453), (598, 27459), (630, 27516), (674, 27618), (677, 27639), (679, 27645), (680, 27654),

Gene: MinionDave_34 Start: 28679, Stop: 29695, Start Num: 164

Candidate Starts for MinionDave_34:

(84, 28448), (85, 28451), (93, 28499), (142, 28634), (144, 28643), (Start: 164 @28679 has 214 MA's), (232, 28811), (243, 28832), (254, 28853), (271, 28883), (278, 28895), (Start: 297 @28937 has 1 MA's), (339, 28988), (346, 29003), (389, 29099), (439, 29210), (446, 29231), (464, 29270), (468, 29282), (487, 29330), (502, 29357), (516, 29381), (521, 29396), (570, 29504), (596, 29552), (630, 29621), (644, 29651),

Gene: Miniwave_35 Start: 32055, Stop: 32912, Start Num: 209

Candidate Starts for Miniwave_35:

(Start: 209 @32055 has 127 MA's), (229, 32094), (244, 32124), (255, 32145), (274, 32181), (288, 32211), (327, 32286), (352, 32334), (355, 32337), (365, 32361), (367, 32364), (378, 32379), (443, 32550), (494, 32664), (501, 32679), (504, 32685), (582, 32727), (584, 32730), (612, 32784), (646, 32862), (662, 32895),

Gene: Minnie_33 Start: 28503, Stop: 29504, Start Num: 164

Candidate Starts for Minnie_33:

(Start: 164 @28503 has 214 MA's), (Start: 203 @28578 has 2 MA's), (222, 28611), (243, 28641), (254, 28662), (271, 28692), (278, 28704), (Start: 297 @28746 has 1 MA's), (Start: 313 @28770 has 1 MA's), (331, 28785), (339, 28797), (389, 28908), (440, 29022), (446, 29040), (464, 29079), (474, 29103), (487, 29139), (502, 29166), (521, 29205), (570, 29313), (596, 29361), (603, 29373), (625, 29418), (630, 29430), (644, 29460),

Gene: Miramae_10 Start: 5845, Stop: 6825, Start Num: 177

Candidate Starts for Miramae_10:

(Start: 177 @5845 has 116 MA's), (190, 5872), (Start: 202 @5893 has 32 MA's), (Start: 203 @5896 has 2 MA's), (362, 6145), (389, 6202), (396, 6214), (420, 6265), (432, 6286), (450, 6334), (479, 6391), (550, 6541), (607, 6676), (612, 6685), (639, 6742), (671, 6817),

Gene: Miryou_30 Start: 27031, Stop: 27903, Start Num: 227

Candidate Starts for Miryou_30:

(165, 26929), (196, 26983), (Start: 227 @27031 has 136 MA's), (Start: 238 @27043 has 1 MA's), (240, 27046), (242, 27049), (255, 27076), (272, 27106), (275, 27112), (300, 27166), (307, 27175), (314, 27187), (332, 27220), (346, 27253), (367, 27301), (478, 27523), (488, 27541), (489, 27544), (524, 27604), (559, 27649), (596, 27721), (621, 27757), (622, 27760), (630, 27781), (651, 27838), (671, 27874), (674, 27883), (676, 27892),

Gene: Misfit_35 Start: 31945, Stop: 32802, Start Num: 209

Candidate Starts for Misfit_35:

(Start: 209 @31945 has 127 MA's), (229, 31984), (244, 32014), (255, 32035), (274, 32071), (288, 32101), (327, 32176), (352, 32224), (355, 32227), (365, 32251), (367, 32254), (378, 32269), (443, 32440), (494, 32554), (501, 32569), (504, 32575), (582, 32617), (584, 32620), (612, 32674), (646, 32752), (662, 32785),

Gene: Misha28_32 Start: 27407, Stop: 28408, Start Num: 164

Candidate Starts for Misha28_32:

(79, 27146), (119, 27308), (Start: 164 @27407 has 214 MA's), (Start: 203 @27482 has 2 MA's), (243, 27545), (254, 27566), (Start: 297 @27650 has 1 MA's), (Start: 313 @27674 has 1 MA's), (331, 27689), (339, 27701), (389, 27812), (440, 27926), (446, 27944), (464, 27983), (474, 28007), (487, 28043), (502, 28070), (521, 28109), (570, 28217), (596, 28265), (603, 28277), (630, 28334), (644, 28364),

Gene: Misomonster_14 Start: 6045, Stop: 7010, Start Num: 166

Candidate Starts for Misomonster_14:

(Start: 166 @6045 has 96 MA's), (Start: 191 @6090 has 6 MA's), (Start: 203 @6111 has 2 MA's), (280, 6231), (362, 6369), (389, 6426), (398, 6441), (439, 6522), (444, 6537), (452, 6555), (474, 6606), (479, 6624), (502, 6669), (552, 6765), (571, 6828), (620, 6918),

Gene: MissDaisy_32 Start: 27396, Stop: 28187, Start Num: 213

Candidate Starts for MissDaisy_32:

(157, 27291), (165, 27309), (180, 27336), (189, 27357), (Start: 213 @27396 has 23 MA's), (Start: 238 @27429 has 1 MA's), (255, 27462), (286, 27516), (300, 27555), (307, 27564), (327, 27600), (332, 27609), (418, 27792), (465, 27888), (478, 27915), (489, 27936), (495, 27951), (499, 27960), (594, 27984), (625, 28038), (630, 28050), (659, 28122), (671, 28143),

Gene: MisterCuddles_33 Start: 28455, Stop: 29525, Start Num: 164

Candidate Starts for MisterCuddles_33:

(138, 28404), (Start: 164 @28455 has 214 MA's), (Start: 175 @28476 has 331 MA's), (Start: 179 @28482 has 14 MA's), (Start: 191 @28509 has 6 MA's), (197, 28518), (236, 28578), (248, 28605), (288, 28671), (316, 28725), (346, 28767), (366, 28818), (403, 28902), (413, 28932), (423, 28965), (445, 29040), (454, 29061), (518, 29190), (552, 29262), (592, 29358), (596, 29370), (630, 29439), (654, 29496), (660, 29505),

Gene: MitKao_49 Start: 41421, Stop: 42776, Start Num: 89

Candidate Starts for MitKao_49:

(Start: 89 @41421 has 280 MA's), (Start: 105 @41472 has 11 MA's), (119, 41505), (128, 41523), (185, 41634), (186, 41637), (194, 41652), (249, 41748), (273, 41787), (287, 41817), (300, 41853), (354, 41964), (365, 41994), (367, 41997), (397, 42063), (457, 42222), (477, 42270), (481, 42288), (504, 42336), (566, 42480), (588, 42540), (628, 42645), (671, 42732),

Gene: Mitti_32 Start: 27554, Stop: 28345, Start Num: 213

Candidate Starts for Mitti_32:

(Start: 213 @27554 has 23 MA's), (Start: 238 @27587 has 1 MA's), (255, 27620), (268, 27644), (280, 27665), (286, 27674), (295, 27704), (300, 27713), (307, 27722), (327, 27758), (371, 27839), (465, 28046), (478, 28073), (489, 28094), (495, 28109), (499, 28118), (594, 28142), (625, 28196), (630, 28208), (659, 28280),

Gene: MkaliMitinis3_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for MkaliMitinis3_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (192, 26477), (211, 26507), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (338, 26732), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Mkhuseli_9 Start: 5588, Stop: 6556, Start Num: 175

Candidate Starts for Mkhuseli_9:

(Start: 175 @5588 has 331 MA's), (Start: 191 @5621 has 6 MA's), (Start: 202 @5639 has 32 MA's), (Start: 203 @5642 has 2 MA's), (366, 5909), (389, 5960), (396, 5972), (430, 6047), (455, 6110), (468, 6143), (474, 6155), (479, 6173), (487, 6191), (500, 6215), (521, 6254), (563, 6335), (570, 6359), (571, 6362), (572, 6365), (581, 6374), (624, 6461), (644, 6506), (663, 6548),

Gene: MmasiCarm_47 Start: 41519, Stop: 42583, Start Num: 151

Candidate Starts for MmasiCarm_47:

(Start: 151 @41519 has 50 MA's), (184, 41582), (236, 41663), (271, 41729), (279, 41744), (288, 41756), (298, 41783), (343, 41840), (346, 41849), (413, 41996), (419, 42011), (439, 42065), (452, 42098), (467, 42137), (475, 42149), (518, 42230), (533, 42248), (535, 42251), (552, 42296), (596, 42407), (649, 42518), (658, 42539), (673, 42572),

Gene: MoMoMixon_248 Start: 144662, Stop: 145690, Start Num: 158

Candidate Starts for MoMoMixon_248:

(Start: 158 @144662 has 220 MA's), (Start: 175 @144692 has 331 MA's), (182, 144704), (Start: 203 @144746 has 2 MA's), (243, 144809), (254, 144830), (Start: 297 @144914 has 1 MA's), (331, 144956), (339, 144968), (346, 144983), (378, 145052), (389, 145079), (414, 145133), (427, 145178), (428, 145181), (460, 145259), (468, 145280), (521, 145391), (565, 145481), (570, 145499), (611, 145571), (625, 145604),

Gene: Moby_249 Start: 143397, Stop: 144425, Start Num: 158

Candidate Starts for Moby_249:

(Start: 158 @143397 has 220 MA's), (Start: 175 @143427 has 331 MA's), (Start: 203 @143481 has 2 MA's), (243, 143544), (254, 143565), (Start: 297 @143649 has 1 MA's), (331, 143691), (339, 143703), (346, 143718), (378, 143787), (389, 143814), (414, 143868), (427, 143913), (428, 143916), (460, 143994), (468, 144015), (521, 144126), (565, 144216), (570, 144234), (611, 144306), (625, 144339),

Gene: Modragons_31 Start: 27572, Stop: 28573, Start Num: 164

Candidate Starts for Modragons_31:

(33, 26951), (40, 27029), (44, 27092), (52, 27131), (64, 27263), (70, 27284), (79, 27320), (119, 27473), (Start: 164 @27572 has 214 MA's), (Start: 175 @27593 has 331 MA's), (182, 27605), (Start: 203 @27647 has 2 MA's), (222, 27680), (243, 27710), (254, 27731), (Start: 297 @27815 has 1 MA's), (Start: 313 @27839 has 1 MA's), (331, 27854), (339, 27866), (389, 27977), (440, 28091), (446, 28109), (464, 28148), (474, 28172), (487, 28208), (502, 28235), (521, 28274), (570, 28382), (596, 28430), (603, 28442), (624, 28484), (625, 28487), (630, 28499), (644, 28529),

Gene: Moiqah_248 Start: 143374, Stop: 144402, Start Num: 158

Candidate Starts for Moiqah_248:

(Start: 158 @143374 has 220 MA's), (Start: 175 @143404 has 331 MA's), (Start: 203 @143458 has 2 MA's), (243, 143521), (254, 143542), (Start: 297 @143626 has 1 MA's), (331, 143668), (339, 143680), (346, 143695), (378, 143764), (389, 143791), (414, 143845), (427, 143890), (428, 143893), (460, 143971), (468, 143992), (521, 144103), (565, 144193), (570, 144211), (611, 144283), (625, 144316),

Gene: Moldemort_36 Start: 31600, Stop: 32457, Start Num: 209

Candidate Starts for Moldemort_36:

(Start: 209 @31600 has 127 MA's), (229, 31639), (244, 31669), (255, 31690), (274, 31726), (288, 31756), (327, 31831), (352, 31879), (355, 31882), (365, 31906), (367, 31909), (378, 31924), (443, 32095), (494, 32209), (501, 32224), (504, 32230), (582, 32272), (584, 32275), (612, 32329), (646, 32407), (662, 32440),

Gene: Molly_11 Start: 5789, Stop: 6757, Start Num: 175

Candidate Starts for Molly_11:

(Start: 175 @5789 has 331 MA's), (Start: 191 @5822 has 6 MA's), (Start: 202 @5840 has 32 MA's), (Start: 203 @5843 has 2 MA's), (366, 6110), (389, 6161), (396, 6173), (430, 6248), (455, 6311), (461, 6323), (468, 6344), (479, 6374), (487, 6392), (500, 6416), (521, 6455), (563, 6536), (570, 6560), (571, 6563), (572, 6566), (581, 6575), (624, 6662), (644, 6707), (663, 6749),

Gene: MollyToe_35 Start: 32029, Stop: 32886, Start Num: 209

Candidate Starts for MollyToe_35:

(Start: 209 @32029 has 127 MA's), (229, 32068), (244, 32098), (255, 32119), (274, 32155), (288, 32185), (327, 32260), (352, 32308), (355, 32311), (365, 32335), (367, 32338), (378, 32353), (443, 32524), (488, 32623), (494, 32638), (501, 32653), (504, 32659), (582, 32701), (584, 32704), (612, 32758), (646, 32836), (662, 32869),

Gene: Momo_254 Start: 143793, Stop: 144821, Start Num: 158

Candidate Starts for Momo_254:

(Start: 158 @143793 has 220 MA's), (Start: 175 @143823 has 331 MA's), (182, 143835), (Start: 203 @143877 has 2 MA's), (243, 143940), (254, 143961), (Start: 297 @144045 has 1 MA's), (331, 144087), (339, 144099), (346, 144114), (378, 144183), (389, 144210), (414, 144264), (427, 144309), (428, 144312), (460, 144390), (468, 144411), (521, 144522), (565, 144612), (570, 144630), (611, 144702), (625, 144735),

Gene: Monet_11 Start: 6484, Stop: 7452, Start Num: 175

Candidate Starts for Monet_11:

(Start: 175 @6484 has 331 MA's), (Start: 191 @6517 has 6 MA's), (Start: 202 @6535 has 32 MA's), (366, 6805), (389, 6856), (396, 6868), (430, 6943), (455, 7006), (461, 7018), (468, 7039), (474, 7051), (479, 7069), (487, 7087), (500, 7111), (521, 7150), (563, 7231), (570, 7255), (571, 7258), (572, 7261), (581, 7270), (624, 7357), (633, 7381), (644, 7402), (663, 7444),

Gene: MoneyMay_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for MoneyMay_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Montavir_11 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for Montavir_11:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Montpel_249 Start: 144945, Stop: 145979, Start Num: 158

Candidate Starts for Montpel_249:

(Start: 158 @144945 has 220 MA's), (Start: 175 @144975 has 331 MA's), (Start: 203 @145029 has 2 MA's), (243, 145092), (254, 145113), (Start: 297 @145197 has 1 MA's), (331, 145239), (339, 145251), (346, 145266), (378, 145335), (389, 145362), (414, 145416), (427, 145461), (428, 145464), (460, 145542), (468, 145563), (521, 145674), (565, 145764), (570, 145782), (611, 145854), (625, 145887), (665, 145974),

Gene: MontyDev_39 Start: 34993, Stop: 36042, Start Num: 158

Candidate Starts for MontyDev_39:

(Start: 158 @34993 has 220 MA's), (201, 35077), (Start: 206 @35086 has 15 MA's), (222, 35110), (243, 35140), (254, 35161), (274, 35197), (288, 35218), (293, 35227), (Start: 297 @35245 has 1 MA's), (346, 35314), (410, 35467), (446, 35566), (492, 35665), (529, 35719), (593, 35872), (606, 35896), (611, 35905), (628, 35947), (630, 35950), (632, 35956), (641, 35965), (653, 36001), (658, 36010), (663, 36019),

Gene: MooMoo_29 Start: 26730, Stop: 27749, Start Num: 164

Candidate Starts for MooMoo_29:

(Start: 164 @26730 has 214 MA's), (Start: 175 @26751 has 331 MA's), (Start: 179 @26757 has 14 MA's), (Start: 203 @26805 has 2 MA's), (243, 26868), (254, 26889), (Start: 297 @26973 has 1 MA's), (331, 27015), (333, 27018), (339, 27027), (362, 27084), (366, 27093), (389, 27138), (430, 27225), (444, 27264), (468, 27321), (479, 27351), (505, 27402), (521, 27432), (581, 27555), (599, 27597), (600, 27600), (612, 27624), (616, 27630), (618, 27636), (619, 27639), (625, 27660),

Gene: Moonbeam_32 Start: 28207, Stop: 29208, Start Num: 164

Candidate Starts for Moonbeam_32:

(Start: 164 @28207 has 214 MA's), (Start: 203 @28282 has 2 MA's), (222, 28315), (243, 28345), (247, 28354), (254, 28366), (Start: 297 @28450 has 1 MA's), (Start: 313 @28474 has 1 MA's), (331, 28489), (339, 28501), (389, 28612), (440, 28726), (446, 28744), (464, 28783), (474, 28807), (487, 28843), (502, 28870), (521, 28909), (570, 29017), (596, 29065), (603, 29077), (625, 29122), (630, 29134), (644, 29164),

Gene: Moose_9 Start: 6022, Stop: 6990, Start Num: 175

Candidate Starts for Moose_9:

(Start: 175 @6022 has 331 MA's), (Start: 191 @6055 has 6 MA's), (Start: 202 @6073 has 32 MA's), (Start: 203 @6076 has 2 MA's), (366, 6343), (389, 6394), (396, 6406), (430, 6481), (455, 6544), (468, 6577), (474, 6589), (479, 6607), (487, 6625), (500, 6649), (521, 6688), (563, 6769), (570, 6793), (571, 6796), (572, 6799), (581, 6808), (624, 6895), (644, 6940), (663, 6982),

Gene: Moostard_28 Start: 26853, Stop: 27896, Start Num: 111

Candidate Starts for Moostard_28:

(Start: 111 @26853 has 20 MA's), (113, 26859), (126, 26886), (134, 26907), (159, 26958), (200, 27039), (259, 27144), (302, 27225), (307, 27231), (360, 27327), (369, 27345), (374, 27351), (377, 27357), (407, 27429), (436, 27486), (466, 27546), (501, 27621), (514, 27642), (590, 27666), (594, 27681), (598, 27693), (630, 27750), (674, 27852), (677, 27873),

Gene: Morgushi_49 Start: 41410, Stop: 42765, Start Num: 89

Candidate Starts for Morgushi_49:

(Start: 89 @41410 has 280 MA's), (Start: 105 @41461 has 11 MA's), (119, 41494), (185, 41623), (186, 41626), (194, 41641), (249, 41737), (273, 41776), (287, 41806), (300, 41842), (354, 41953), (365, 41983), (367, 41986), (397, 42052), (457, 42211), (477, 42259), (481, 42277), (504, 42325), (566, 42469), (588, 42529), (628, 42634), (671, 42721),

Gene: Mori_67 Start: 43460, Stop: 44500, Start Num: 160

Candidate Starts for Mori_67:

(Start: 160 @43460 has 30 MA's), (Start: 203 @43535 has 2 MA's), (243, 43616), (246, 43622), (254, 43637), (295, 43718), (Start: 297 @43721 has 1 MA's), (339, 43775), (346, 43790), (389, 43886), (408, 43925), (416, 43955), (427, 43985), (428, 43988), (441, 44021), (468, 44087), (482, 44126), (487, 44135), (502, 44162), (521, 44201), (608, 44375), (630, 44426),

Gene: Morizzled23_250 Start: 143609, Stop: 144637, Start Num: 158

Candidate Starts for Morizzled23_250:

(Start: 158 @143609 has 220 MA's), (Start: 175 @143639 has 331 MA's), (182, 143651), (Start: 203 @143693 has 2 MA's), (243, 143756), (254, 143777), (Start: 297 @143861 has 1 MA's), (331, 143903), (339, 143915), (346, 143930), (378, 143999), (389, 144026), (414, 144080), (427, 144125), (428, 144128), (430, 144131), (460, 144206), (468, 144227), (521, 144338), (565, 144428), (570, 144446), (611, 144518), (625, 144551),

Gene: Morpher26_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for Morpher26_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (389, 6247), (396, 6259), (409, 6289), (420, 6310), (432, 6331), (450, 6379), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: Morrow_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Morrow_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Mortcellus_46 Start: 42171, Stop: 43235, Start Num: 151

Candidate Starts for Mortcellus_46:

(Start: 151 @42171 has 50 MA's), (184, 42234), (236, 42315), (271, 42381), (279, 42396), (288, 42408), (298, 42435), (343, 42492), (346, 42501), (413, 42648), (419, 42663), (439, 42717), (452, 42750), (467, 42789), (475, 42801), (518, 42882), (533, 42900), (535, 42903), (552, 42948), (596, 43059), (649, 43170), (658, 43191), (673, 43224),

Gene: Morty_50 Start: 41848, Stop: 43203, Start Num: 89

Candidate Starts for Morty_50:

(Start: 89 @41848 has 280 MA's), (Start: 105 @41899 has 11 MA's), (119, 41932), (185, 42061), (186, 42064), (194, 42079), (249, 42175), (273, 42214), (287, 42244), (300, 42280), (354, 42391), (365, 42421), (367, 42424), (397, 42490), (457, 42649), (477, 42697), (481, 42715), (504, 42763), (566, 42907), (588, 42967), (628, 43072), (671, 43159),

Gene: Morty007_47 Start: 42315, Stop: 43379, Start Num: 151

Candidate Starts for Morty007_47:

(Start: 151 @42315 has 50 MA's), (184, 42378), (236, 42459), (271, 42525), (279, 42540), (288, 42552), (298, 42579), (343, 42636), (346, 42645), (413, 42792), (419, 42807), (439, 42861), (452, 42894), (467, 42933), (475, 42945), (518, 43026), (533, 43044), (535, 43047), (552, 43092), (596, 43203), (649, 43314), (658, 43335), (673, 43368),

Gene: Mosaic_48 Start: 41415, Stop: 42770, Start Num: 89

Candidate Starts for Mosaic_48:

(Start: 89 @41415 has 280 MA's), (Start: 105 @41466 has 11 MA's), (119, 41499), (128, 41517), (185, 41628), (186, 41631), (194, 41646), (249, 41742), (273, 41781), (287, 41811), (300, 41847), (354, 41958), (365, 41988), (367, 41991), (397, 42057), (457, 42216), (477, 42264), (481, 42282), (504, 42330), (566, 42474), (588, 42534), (628, 42639), (671, 42726),

Gene: Mosby_34 Start: 31362, Stop: 32219, Start Num: 209

Candidate Starts for Mosby_34:

(Start: 209 @31362 has 127 MA's), (229, 31401), (244, 31431), (255, 31452), (274, 31488), (288, 31518), (327, 31593), (352, 31641), (355, 31644), (365, 31668), (367, 31671), (378, 31686), (443, 31857), (494, 31971), (501, 31986), (504, 31992), (582, 32034), (584, 32037), (612, 32091), (646, 32169), (662, 32202),

Gene: Mova_32 Start: 27350, Stop: 28348, Start Num: 158

Candidate Starts for Mova_32:

(Start: 158 @27350 has 220 MA's), (Start: 203 @27425 has 2 MA's), (243, 27485), (254, 27506), (Start: 297 @27590 has 1 MA's), (339, 27641), (346, 27656), (389, 27752), (439, 27863), (446, 27884), (464, 27923), (468, 27935), (487, 27983), (502, 28010), (516, 28034), (521, 28049), (570, 28157), (596, 28205), (630, 28274), (644, 28304),

Gene: Mowgli_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Mowgli_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Mozy_33 Start: 28396, Stop: 29397, Start Num: 164

Candidate Starts for Mozy_33:

(136, 28342), (140, 28351), (Start: 164 @28396 has 214 MA's), (Start: 175 @28417 has 331 MA's), (Start: 203 @28471 has 2 MA's), (222, 28504), (243, 28534), (254, 28555), (Start: 297 @28639 has 1 MA's), (Start: 313 @28663 has 1 MA's), (331, 28678), (339, 28690), (389, 28801), (440, 28915), (446, 28933), (464, 28972), (474, 28996), (487, 29032), (502, 29059), (521, 29098), (552, 29146), (570, 29206), (596, 29254), (603, 29266), (625, 29311), (630, 29323), (644, 29353),

Gene: MrGordo_10 Start: 5741, Stop: 6709, Start Num: 175

Candidate Starts for MrGordo_10:

(Start: 175 @5741 has 331 MA's), (Start: 191 @5774 has 6 MA's), (Start: 202 @5792 has 32 MA's), (Start: 203 @5795 has 2 MA's), (331, 5984), (366, 6062), (378, 6080), (389, 6113), (396, 6125), (430, 6200), (455, 6263), (468, 6296), (479, 6326), (487, 6344), (500, 6368), (521, 6407), (563, 6488), (570, 6512), (571, 6515), (572, 6518), (581, 6527), (624, 6614), (644, 6659), (663, 6701),

Gene: MrMagoo_43 Start: 32893, Stop: 33870, Start Num: 204

Candidate Starts for MrMagoo_43:

(Start: 204 @32893 has 7 MA's), (220, 32920), (284, 33043), (295, 33073), (333, 33130), (339, 33139), (356, 33184), (362, 33196), (379, 33226), (389, 33250), (401, 33268), (410, 33295), (428, 33334), (443, 33373), (444, 33376), (485, 33463), (495, 33478), (563, 33631), (564, 33634), (567, 33643), (570, 33655), (573, 33664), (589, 33685), (596, 33706), (632, 33781),

Gene: MrPhizzler_49 Start: 41412, Stop: 42767, Start Num: 89

Candidate Starts for MrPhizzler_49:

(Start: 89 @41412 has 280 MA's), (Start: 105 @41463 has 11 MA's), (119, 41496), (185, 41625), (186, 41628), (194, 41643), (249, 41739), (273, 41778), (287, 41808), (300, 41844), (354, 41955), (365, 41985), (367, 41988), (397, 42054), (457, 42213), (477, 42261), (481, 42279), (504, 42327), (566, 42471), (588, 42531), (628, 42636), (671, 42723),

Gene: Mryolo_9 Start: 5771, Stop: 6739, Start Num: 175

Candidate Starts for Mryolo_9:

(Start: 175 @5771 has 331 MA's), (Start: 191 @5804 has 6 MA's), (Start: 202 @5822 has 32 MA's), (Start: 203 @5825 has 2 MA's), (366, 6092), (389, 6143), (396, 6155), (430, 6230), (455, 6293), (468, 6326), (474, 6338), (479, 6356), (487, 6374), (500, 6398), (521, 6437), (563, 6518), (570, 6542), (571, 6545), (572, 6548), (581, 6557), (624, 6644), (663, 6731),

Gene: Ms6_25 Start: 23131, Stop: 24129, Start Num: 158

Candidate Starts for Ms6_25:

(Start: 158 @23131 has 220 MA's), (Start: 203 @23206 has 2 MA's), (243, 23266), (254, 23287), (Start: 297 @23371 has 1 MA's), (339, 23422), (346, 23437), (389, 23533), (439, 23644), (446, 23665), (464, 23704), (468, 23716), (487, 23764), (502, 23791), (516, 23815), (521, 23830), (570, 23938), (596, 23986), (630, 24055), (644, 24085),

Gene: MsGreen_28 Start: 26850, Stop: 27893, Start Num: 111

Candidate Starts for MsGreen_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: MuchMore_14 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for MuchMore_14:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: Mufasa_30 Start: 24878, Stop: 26089, Start Num: 105

Candidate Starts for Mufasa_30:

(16, 24167), (19, 24230), (22, 24254), (78, 24755), (82, 24776), (95, 24839), (Start: 105 @24878 has 11 MA's), (115, 24905), (124, 24926), (139, 24962), (Start: 164 @25007 has 214 MA's), (217, 25103), (Start: 238 @25136 has 1 MA's), (240, 25139), (255, 25169), (288, 25235), (307, 25274), (351, 25352), (375, 25397), (401, 25454), (407, 25472), (436, 25544), (478, 25637), (489, 25658), (498, 25679), (499, 25682), (557, 25796), (561, 25811), (593, 25880), (625, 25937), (657, 26018),

Gene: Mulan_49 Start: 41565, Stop: 42920, Start Num: 89

Candidate Starts for Mulan_49:

(Start: 89 @41565 has 280 MA's), (Start: 105 @41616 has 11 MA's), (119, 41649), (185, 41778), (186, 41781), (194, 41796), (249, 41892), (273, 41931), (287, 41961), (300, 41997), (354, 42108), (365, 42138), (367, 42141), (397, 42207), (457, 42366), (477, 42414), (481, 42432), (504, 42480), (566, 42624), (588, 42684), (628, 42789), (671, 42876),

Gene: Mulaychimus_47 Start: 41501, Stop: 42565, Start Num: 151

Candidate Starts for Mulaychimus_47:

(Start: 151 @41501 has 50 MA's), (184, 41564), (236, 41645), (271, 41711), (279, 41726), (288, 41738), (298, 41765), (343, 41822), (346, 41831), (413, 41978), (419, 41993), (439, 42047), (452, 42080), (467, 42119), (475, 42131), (518, 42212), (533, 42230), (535, 42233), (552, 42278), (596, 42389), (649, 42500), (658, 42521), (673, 42554),

Gene: MulchExplorer_34 Start: 28644, Stop: 29645, Start Num: 164

Candidate Starts for MulchExplorer_34:

(Start: 164 @28644 has 214 MA's), (Start: 203 @28719 has 2 MA's), (222, 28752), (243, 28782), (254, 28803), (271, 28833), (278, 28845), (Start: 297 @28887 has 1 MA's), (Start: 313 @28911 has 1 MA's), (331, 28926), (339, 28938), (389, 29049), (440, 29163), (446, 29181), (464, 29220), (474, 29244), (487, 29280), (502, 29307), (521, 29346), (570, 29454), (596, 29502), (603, 29514), (625, 29559), (630, 29571), (644, 29601),

Gene: MulchSalad_30 Start: 24409, Stop: 25410, Start Num: 164

Candidate Starts for MulchSalad_30:

(133, 24364), (137, 24373), (Start: 164 @24409 has 214 MA's), (Start: 191 @24463 has 6 MA's), (Start: 203 @24484 has 2 MA's), (222, 24517), (243, 24547), (254, 24568), (Start: 297 @24652 has 1 MA's), (Start: 313 @24676 has 1 MA's), (331, 24691), (339, 24703), (389, 24814), (446, 24946), (464, 24985), (474, 25009), (487, 25045), (502, 25072), (516, 25096), (521, 25111), (570, 25219), (596, 25267), (630, 25336), (644, 25366),

Gene: Mule_10 Start: 6057, Stop: 7025, Start Num: 175

Candidate Starts for Mule_10:

(Start: 175 @6057 has 331 MA's), (Start: 191 @6090 has 6 MA's), (Start: 202 @6108 has 32 MA's), (Start: 203 @6111 has 2 MA's), (366, 6378), (389, 6429), (396, 6441), (430, 6516), (455, 6579), (461, 6591), (468, 6612), (474, 6624), (479, 6642), (487, 6660), (500, 6684), (521, 6723), (563, 6804), (570, 6828), (571, 6831), (572, 6834), (581, 6843), (624, 6930), (663, 7017),

Gene: Mundrea_10 Start: 5843, Stop: 6823, Start Num: 177

Candidate Starts for Mundrea_10:

(Start: 177 @5843 has 116 MA's), (190, 5870), (Start: 202 @5891 has 32 MA's), (Start: 203 @5894 has 2 MA's), (335, 6074), (362, 6143), (378, 6170), (389, 6200), (396, 6212), (409, 6242), (432, 6284), (439, 6305), (450, 6332), (469, 6362), (479, 6389), (480, 6395), (550, 6539), (607, 6674), (612, 6683), (639, 6740), (671, 6815),

Gene: Murai_68 Start: 43641, Stop: 44681, Start Num: 160

Candidate Starts for Murai_68:

(Start: 160 @43641 has 30 MA's), (Start: 203 @43716 has 2 MA's), (243, 43797), (246, 43803), (254, 43818), (295, 43899), (Start: 297 @43902 has 1 MA's), (339, 43956), (346, 43971), (389, 44067), (408, 44106), (416, 44136), (427, 44166), (428, 44169), (441, 44202), (468, 44268), (482, 44307), (487, 44316), (502, 44343), (521, 44382), (608, 44556), (630, 44607),

Gene: Murdoc_49 Start: 41696, Stop: 43051, Start Num: 89

Candidate Starts for Murdoc_49:

(Start: 89 @41696 has 280 MA's), (Start: 105 @41747 has 11 MA's), (119, 41780), (185, 41909), (186, 41912), (194, 41927), (249, 42023), (273, 42062), (287, 42092), (300, 42128), (354, 42239), (365, 42269), (367, 42272), (397, 42338), (457, 42497), (477, 42545), (481, 42563), (504, 42611), (566, 42755), (588, 42815), (628, 42920), (671, 43007),

Gene: Murica_34 Start: 31842, Stop: 32699, Start Num: 209

Candidate Starts for Murica_34:

(Start: 209 @31842 has 127 MA's), (229, 31881), (244, 31911), (255, 31932), (274, 31968), (288, 31998), (327, 32073), (352, 32121), (355, 32124), (365, 32148), (367, 32151), (378, 32166), (443, 32337), (488, 32436), (494, 32451), (501, 32466), (504, 32472), (582, 32514), (584, 32517), (612, 32571), (646, 32649), (662, 32682),

Gene: Murphy_36 Start: 31837, Stop: 32694, Start Num: 209

Candidate Starts for Murphy_36:

(Start: 209 @31837 has 127 MA's), (229, 31876), (244, 31906), (255, 31927), (274, 31963), (288, 31993), (327, 32068), (352, 32116), (355, 32119), (365, 32143), (367, 32146), (378, 32161), (443, 32332), (494, 32446), (501, 32461), (504, 32467), (582, 32509), (584, 32512), (612, 32566), (646, 32644), (662, 32677),

Gene: Murucutumbu_31 Start: 26406, Stop: 27278, Start Num: 227

Candidate Starts for Murucutumbu_31:

(165, 26304), (Start: 209 @26379 has 127 MA's), (Start: 227 @26406 has 136 MA's), (Start: 238 @26418 has 1 MA's), (275, 26487), (288, 26514), (300, 26544), (307, 26553), (327, 26589), (332, 26598), (346, 26631), (352, 26649), (397, 26739), (465, 26874), (478, 26901), (489, 26922), (499, 26946), (539, 26997), (596, 27099), (621, 27135), (630, 27159), (674, 27258), (676, 27267),

Gene: Museum_11 Start: 5573, Stop: 6541, Start Num: 175

Candidate Starts for Museum_11:

(Start: 175 @5573 has 331 MA's), (Start: 191 @5606 has 6 MA's), (Start: 202 @5624 has 32 MA's), (Start: 203 @5627 has 2 MA's), (366, 5894), (389, 5945), (396, 5957), (430, 6032), (455, 6095), (461, 6107), (468, 6128), (474, 6140), (479, 6158), (487, 6176), (500, 6200), (521, 6239), (563, 6320), (570, 6344), (571, 6347), (572, 6350), (581, 6359), (624, 6446), (663, 6533),

Gene: Mutaforma13_31 Start: 27781, Stop: 28782, Start Num: 164

Candidate Starts for Mutaforma13_31:

(Start: 164 @27781 has 214 MA's), (Start: 203 @27856 has 2 MA's), (222, 27889), (243, 27919), (254, 27940), (271, 27970), (278, 27982), (Start: 297 @28024 has 1 MA's), (Start: 313 @28048 has 1 MA's), (331, 28063), (339, 28075), (346, 28090), (389, 28186), (439, 28297), (446, 28318), (464, 28357), (468, 28369), (487, 28417), (502, 28444), (516, 28468), (521, 28483), (570, 28591), (596, 28639), (630, 28708), (644, 28738),

Gene: Mutante_48 Start: 41415, Stop: 42770, Start Num: 89

Candidate Starts for Mutante_48:

(Start: 89 @41415 has 280 MA's), (Start: 105 @41466 has 11 MA's), (119, 41499), (185, 41628), (186, 41631), (194, 41646), (249, 41742), (273, 41781), (287, 41811), (300, 41847), (354, 41958), (365, 41988), (367, 41991), (397, 42057), (457, 42216), (477, 42264), (481, 42282), (504, 42330), (566, 42474), (588, 42534), (628, 42639), (671, 42726),

Gene: Mwanjiwa_31 Start: 27650, Stop: 28651, Start Num: 164

Candidate Starts for Mwanjiwa_31:

(119, 27551), (Start: 164 @27650 has 214 MA's), (Start: 175 @27671 has 331 MA's), (182, 27683), (Start: 203 @27725 has 2 MA's), (222, 27758), (243, 27788), (254, 27809), (Start: 297 @27893 has 1 MA's), (Start: 313 @27917 has 1 MA's), (331, 27932), (339, 27944), (389, 28055), (440, 28169), (446, 28187), (464, 28226), (474, 28250), (487, 28286), (502, 28313), (521, 28352), (570, 28460), (596, 28508), (603, 28520), (625, 28565), (630, 28577), (644, 28607),

Gene: Mynx_31 Start: 26477, Stop: 27349, Start Num: 227

Candidate Starts for Mynx_31:

(Start: 209 @26450 has 127 MA's), (Start: 227 @26477 has 136 MA's), (Start: 238 @26489 has 1 MA's), (275, 26558), (288, 26585), (300, 26615), (307, 26624), (327, 26660), (332, 26669), (346, 26702), (352, 26720), (367, 26750), (397, 26810), (465, 26945), (478, 26972), (489, 26993), (499, 27017), (539, 27068), (596, 27170), (621, 27206), (630, 27230), (674, 27329), (676, 27338),

Gene: Myrale_35 Start: 31721, Stop: 32578, Start Num: 209

Candidate Starts for Myrale_35:

(Start: 209 @31721 has 127 MA's), (229, 31760), (244, 31790), (255, 31811), (274, 31847), (288, 31877), (327, 31952), (352, 32000), (355, 32003), (365, 32027), (367, 32030), (378, 32045), (443, 32216), (494, 32330), (501, 32345), (504, 32351), (582, 32393), (584, 32396), (612, 32450), (646, 32528), (662, 32561),

Gene: NEHalo_10 Start: 5583, Stop: 6551, Start Num: 175

Candidate Starts for NEHalo_10:

(Start: 175 @5583 has 331 MA's), (Start: 191 @5616 has 6 MA's), (Start: 202 @5634 has 32 MA's), (Start: 203 @5637 has 2 MA's), (366, 5904), (389, 5955), (396, 5967), (430, 6042), (455, 6105), (461, 6117), (468, 6138), (479, 6168), (487, 6186), (500, 6210), (521, 6249), (563, 6330), (570, 6354), (571, 6357), (572, 6360), (581, 6369), (624, 6456), (663, 6543),

Gene: NaSiaTalie_11 Start: 6481, Stop: 7458, Start Num: 175

Candidate Starts for NaSiaTalie_11:

(Start: 175 @6481 has 331 MA's), (Start: 203 @6535 has 2 MA's), (250, 6592), (344, 6724), (362, 6772), (389, 6829), (407, 6865), (430, 6913), (444, 6952), (475, 7024), (479, 7039), (502, 7084), (513, 7102), (540, 7144), (552, 7192), (559, 7219), (565, 7234), (570, 7252), (571, 7255), (620, 7345),

Gene: Nacho_0050 Start: 41842, Stop: 43197, Start Num: 89

Candidate Starts for Nacho_0050:

(Start: 89 @41842 has 280 MA's), (Start: 105 @41893 has 11 MA's), (119, 41926), (128, 41944), (185, 42055), (186, 42058), (194, 42073), (249, 42169), (273, 42208), (287, 42238), (300, 42274), (354, 42385), (365, 42415), (367, 42418), (397, 42484), (457, 42643), (477, 42691), (481, 42709), (504, 42757), (566, 42901), (588, 42961), (628, 43066), (671, 43153),

Gene: Naija_253 Start: 144496, Stop: 145524, Start Num: 158

Candidate Starts for Naija_253:

(Start: 158 @144496 has 220 MA's), (Start: 175 @144526 has 331 MA's), (182, 144538), (Start: 203 @144580 has 2 MA's), (243, 144643), (254, 144664), (Start: 297 @144748 has 1 MA's), (331, 144790), (339, 144802), (346, 144817), (378, 144886), (389, 144913), (414, 144967), (427, 145012), (428, 145015), (460, 145093), (468, 145114), (521, 145225), (565, 145315), (570, 145333), (611, 145405), (625, 145438),

Gene: Naira_10 Start: 5962, Stop: 6930, Start Num: 175

Candidate Starts for Naira_10:

(Start: 175 @5962 has 331 MA's), (Start: 191 @5995 has 6 MA's), (Start: 202 @6013 has 32 MA's), (Start: 203 @6016 has 2 MA's), (366, 6283), (389, 6334), (396, 6346), (430, 6421), (455, 6484), (468, 6517), (479, 6547), (521, 6628), (563, 6709), (570, 6733), (571, 6736), (572, 6739), (581, 6748), (624, 6835), (663, 6922),

Gene: Naji_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for Naji_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: Nala_35 Start: 31876, Stop: 32733, Start Num: 209

Candidate Starts for Nala_35:

(Start: 209 @31876 has 127 MA's), (229, 31915), (244, 31945), (255, 31966), (274, 32002), (288, 32032), (327, 32107), (352, 32155), (355, 32158), (365, 32182), (367, 32185), (378, 32200), (443, 32371), (494, 32485), (501, 32500), (504, 32506), (582, 32548), (584, 32551), (612, 32605), (646, 32683), (662, 32716),

Gene: Nanosmite_43 Start: 32726, Stop: 33703, Start Num: 204

Candidate Starts for Nanosmite_43:

(Start: 204 @32726 has 7 MA's), (220, 32753), (228, 32768), (356, 33017), (362, 33029), (389, 33083), (416, 33140), (428, 33167), (443, 33206), (444, 33209), (485, 33296), (495, 33311), (504, 33329), (563, 33464), (564, 33467), (570, 33488), (625, 33596), (642, 33638),

Gene: Napoleon13_249 Start: 143525, Stop: 144553, Start Num: 158

Candidate Starts for Napoleon13_249:

(Start: 158 @143525 has 220 MA's), (Start: 175 @143555 has 331 MA's), (182, 143567), (Start: 203 @143609 has 2 MA's), (243, 143672), (254, 143693), (Start: 297 @143777 has 1 MA's), (331, 143819), (339, 143831), (346, 143846), (378, 143915), (389, 143942), (414, 143996), (427, 144041), (428, 144044), (460, 144122), (468, 144143), (521, 144254), (565, 144344), (570, 144362), (611, 144434), (625, 144467),

Gene: Nappy_251 Start: 145602, Stop: 146630, Start Num: 158

Candidate Starts for Nappy_251:

(Start: 158 @145602 has 220 MA's), (Start: 175 @145632 has 331 MA's), (182, 145644), (Start: 203 @145686 has 2 MA's), (243, 145749), (254, 145770), (Start: 297 @145854 has 1 MA's), (331, 145896), (339, 145908), (346, 145923), (378, 145992), (389, 146019), (414, 146073), (427, 146118), (428, 146121), (460, 146199), (468, 146220), (521, 146331), (565, 146421), (570, 146439), (611, 146511), (625, 146544),

Gene: Nathan_49 Start: 41740, Stop: 43095, Start Num: 89

Candidate Starts for Nathan_49:

(Start: 89 @41740 has 280 MA's), (Start: 105 @41791 has 11 MA's), (119, 41824), (185, 41953), (186, 41956), (194, 41971), (249, 42067), (273, 42106), (287, 42136), (300, 42172), (354, 42283), (365, 42313), (367, 42316), (397, 42382), (457, 42541), (477, 42589), (481, 42607), (504, 42655), (566, 42799), (588, 42859), (628, 42964), (651, 43018), (671, 43051),

Gene: Naval22_257 Start: 146276, Stop: 147304, Start Num: 158

Candidate Starts for Naval22_257:

(Start: 158 @146276 has 220 MA's), (Start: 175 @146306 has 331 MA's), (182, 146318), (Start: 203 @146360 has 2 MA's), (243, 146423), (254, 146444), (Start: 297 @146528 has 1 MA's), (331, 146570), (339, 146582), (346, 146597), (378, 146666), (389, 146693), (414, 146747), (427, 146792), (428, 146795), (460, 146873), (468, 146894), (521, 147005), (565, 147095), (570, 147113), (611, 147185), (625, 147218),

Gene: Nebkiss_35 Start: 30289, Stop: 31287, Start Num: 164

Candidate Starts for Nebkiss_35:

(Start: 164 @30289 has 214 MA's), (Start: 203 @30364 has 2 MA's), (243, 30427), (254, 30448), (295, 30529), (Start: 297 @30532 has 1 MA's), (Start: 311 @30553 has 12 MA's), (Start: 313 @30556 has 1 MA's), (335, 30577), (346, 30598), (350, 30610), (356, 30628), (389, 30694), (461, 30856), (465, 30868), (468, 30877), (469, 30880), (474, 30889), (479, 30907), (500, 30949), (520, 30982), (521, 30985), (523, 30988), (552, 31033), (563, 31066), (569, 31087), (570, 31090), (571, 31093), (581, 31105), (596, 31138), (597, 31141), (603, 31150), (618, 31171), (624, 31192), (625, 31195), (630, 31207), (658, 31270), (664, 31279),

Gene: Nebs_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Nebs_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Necropolis_27 Start: 24049, Stop: 25215, Start Num: 110

Candidate Starts for Necropolis_27:

(Start: 110 @24049 has 51 MA's), (132, 24103), (134, 24106), (178, 24193), (207, 24238), (249, 24313), (264, 24334), (273, 24352), (300, 24418), (327, 24457), (354, 24523), (365, 24553), (379, 24574), (397, 24619), (434, 24715), (447, 24754), (461, 24769), (477, 24808), (517, 24895), (524, 24913), (531, 24919), (571, 24967), (588, 24988), (621, 25060), (651, 25135),

Gene: NedWong_251 Start: 144954, Stop: 145982, Start Num: 158

Candidate Starts for NedWong_251:

(Start: 158 @144954 has 220 MA's), (Start: 175 @144984 has 331 MA's), (182, 144996), (Start: 203 @145038 has 2 MA's), (243, 145101), (254, 145122), (Start: 297 @145206 has 1 MA's), (331, 145248), (339, 145260), (346, 145275), (378, 145344), (389, 145371), (414, 145425), (427, 145470), (428, 145473), (460, 145551), (468, 145572), (521, 145683), (565, 145773), (570, 145791), (611, 145863), (625, 145896),

Gene: Neighly_31 Start: 27037, Stop: 27786, Start Num: 238

Candidate Starts for Neighly_31:

(196, 26977), (Start: 226 @27025 has 29 MA's), (Start: 238 @27037 has 1 MA's), (242, 27043), (255, 27070), (275, 27106), (302, 27166), (307, 27172), (321, 27202), (327, 27208), (332, 27217), (346, 27250), (364, 27292), (365, 27295), (374, 27307), (390, 27343), (397, 27358), (410, 27394), (465, 27493), (478, 27520), (489, 27541), (596, 27604), (618, 27628), (625, 27652), (651, 27721), (674, 27766), (676, 27775),

Gene: Nekros_47 Start: 41446, Stop: 42318, Start Num: 202

Candidate Starts for Nekros_47:

(Start: 202 @41446 has 32 MA's), (Start: 218 @41473 has 1 MA's), (251, 41533), (278, 41581), (308, 41647), (327, 41668), (342, 41689), (364, 41743), (400, 41824), (522, 42103), (524, 42106), (545, 42130), (579, 42166), (590, 42181), (593, 42193), (601, 42214),

Gene: NelitzaMV_35 Start: 31926, Stop: 32783, Start Num: 209

Candidate Starts for NelitzaMV_35:

(Start: 209 @31926 has 127 MA's), (229, 31965), (244, 31995), (255, 32016), (274, 32052), (288, 32082), (327, 32157), (352, 32205), (355, 32208), (365, 32232), (367, 32235), (378, 32250), (443, 32421), (494, 32535), (501, 32550), (504, 32556), (582, 32598), (584, 32601), (612, 32655), (646, 32733), (662, 32766),

Gene: Nemo27_10 Start: 5931, Stop: 6860, Start Num: 203

Candidate Starts for Nemo27_10:

(Start: 177 @5880 has 116 MA's), (Start: 179 @5883 has 14 MA's), (190, 5907), (Start: 202 @5928 has 32 MA's), (Start: 203 @5931 has 2 MA's), (362, 6180), (389, 6237), (432, 6321), (439, 6342), (450, 6369), (469, 6399), (479, 6426), (550, 6576), (594, 6687), (598, 6699), (607, 6711), (639, 6777),

Gene: Neoh_28 Start: 25193, Stop: 26401, Start Num: 96

Candidate Starts for Neoh_28:

(72, 25100), (Start: 96 @25193 has 92 MA's), (168, 25367), (211, 25439), (273, 25538), (278, 25547), (288, 25571), (293, 25580), (300, 25604), (310, 25625), (327, 25652), (334, 25664), (361, 25736), (381, 25775), (461, 25964), (470, 25988), (477, 26003), (483, 26024), (504, 26069), (506, 26072), (541, 26123),

Gene: Neos5_47 Start: 42330, Stop: 43394, Start Num: 151

Candidate Starts for Neos5_47:

(Start: 151 @42330 has 50 MA's), (184, 42393), (236, 42474), (271, 42540), (279, 42555), (288, 42567), (298, 42594), (343, 42651), (346, 42660), (413, 42807), (419, 42822), (439, 42876), (452, 42909), (467, 42948), (475, 42960), (518, 43041), (533, 43059), (535, 43062), (552, 43107), (596,

43218), (649, 43329), (658, 43350), (673, 43383),

Gene: Nergal_27 Start: 24122, Stop: 24985, Start Num: 227

Candidate Starts for Nergal_27:

(176, 24038), (196, 24071), (Start: 227 @24122 has 136 MA's), (Start: 238 @24134 has 1 MA's), (242, 24140), (255, 24167), (275, 24203), (280, 24212), (300, 24251), (307, 24260), (327, 24296), (332, 24305), (352, 24356), (397, 24446), (465, 24581), (476, 24596), (478, 24608), (489, 24629), (499, 24653), (509, 24671), (534, 24701), (596, 24806), (622, 24845), (628, 24863), (674, 24965), (676, 24974),

Gene: Nerujay_11 Start: 6472, Stop: 7386, Start Num: 203

Candidate Starts for Nerujay_11:

(Start: 175 @6418 has 331 MA's), (Start: 191 @6451 has 6 MA's), (Start: 202 @6469 has 32 MA's), (Start: 203 @6472 has 2 MA's), (366, 6739), (389, 6790), (396, 6802), (430, 6877), (455, 6940), (468, 6973), (474, 6985), (479, 7003), (487, 7021), (500, 7045), (521, 7084), (563, 7165), (570, 7189), (571, 7192), (572, 7195), (581, 7204), (644, 7336), (663, 7378),

Gene: Netyap_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Netyap_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: NewHope4_35 Start: 28337, Stop: 29338, Start Num: 164

Candidate Starts for NewHope4_35:

(Start: 164 @28337 has 214 MA's), (Start: 203 @28412 has 2 MA's), (222, 28445), (243, 28475), (254, 28496), (Start: 297 @28580 has 1 MA's), (339, 28631), (346, 28646), (389, 28742), (439, 28853), (446, 28874), (464, 28913), (468, 28925), (487, 28973), (502, 29000), (516, 29024), (521, 29039), (570, 29147), (596, 29195), (630, 29264), (644, 29294),

Gene: Newman_49 Start: 41713, Stop: 43068, Start Num: 89

Candidate Starts for Newman_49:

(Start: 89 @41713 has 280 MA's), (Start: 105 @41764 has 11 MA's), (119, 41797), (128, 41815), (185, 41926), (186, 41929), (194, 41944), (249, 42040), (273, 42079), (287, 42109), (300, 42145), (354, 42256), (365, 42286), (367, 42289), (397, 42355), (457, 42514), (477, 42562), (481, 42580), (504, 42628), (566, 42772), (588, 42832), (628, 42937), (651, 42991), (671, 43024),

Gene: Ngannou_247 Start: 143478, Stop: 144506, Start Num: 158

Candidate Starts for Ngannou_247:

(Start: 158 @143478 has 220 MA's), (Start: 175 @143508 has 331 MA's), (182, 143520), (Start: 203 @143562 has 2 MA's), (243, 143625), (254, 143646), (Start: 297 @143730 has 1 MA's), (331, 143772), (339, 143784), (346, 143799), (378, 143868), (389, 143895), (414, 143949), (427, 143994), (428, 143997), (460, 144075), (468, 144096), (521, 144207), (565, 144297), (570, 144315), (611, 144387), (625, 144420),

Gene: Nhonho_10 Start: 5867, Stop: 6835, Start Num: 175

Candidate Starts for Nhonho_10:

(Start: 175 @5867 has 331 MA's), (Start: 191 @5900 has 6 MA's), (Start: 202 @5918 has 32 MA's), (Start: 203 @5921 has 2 MA's), (366, 6188), (389, 6239), (396, 6251), (430, 6326), (455, 6389), (468, 6422), (479, 6452), (487, 6470), (500, 6494), (521, 6533), (563, 6614), (570, 6638), (571, 6641), (572, 6644), (581, 6653), (624, 6740), (663, 6827),

Gene: Nibb_30 Start: 25727, Stop: 26467, Start Num: 227

Candidate Starts for Nibb_30:

(165, 25625), (176, 25646), (196, 25679), (Start: 209 @25700 has 127 MA's), (Start: 227 @25727 has 136 MA's), (255, 25772), (275, 25808), (307, 25865), (327, 25901), (346, 25943), (397, 26051), (478, 26213), (491, 26240), (499, 26258), (506, 26270), (594, 26282), (621, 26324), (628, 26345), (630, 26348), (674, 26447), (676, 26456),

Gene: Nibley_43 Start: 37468, Stop: 38340, Start Num: 202

Candidate Starts for Nibley_43:

(Start: 202 @37468 has 32 MA's), (Start: 218 @37495 has 1 MA's), (251, 37555), (288, 37624), (305, 37663), (308, 37669), (342, 37711), (364, 37765), (400, 37846), (445, 37969), (465, 37996), (522, 38125), (524, 38128), (579, 38188), (590, 38203), (593, 38215), (601, 38236), (605, 38248), (633, 38308),

Gene: Nicholas_28 Start: 26850, Stop: 27893, Start Num: 111

Candidate Starts for Nicholas_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: Nicholasp3_28 Start: 26305, Stop: 27276, Start Num: 112

Candidate Starts for Nicholasp3_28:

(Start: 112 @26305 has 24 MA's), (134, 26359), (192, 26479), (211, 26509), (219, 26524), (Start: 238 @26557 has 1 MA's), (240, 26560), (244, 26569), (255, 26590), (288, 26653), (307, 26680), (319, 26704), (338, 26734), (365, 26785), (374, 26797), (402, 26860), (407, 26875), (431, 26935), (437, 26950), (478, 27031), (488, 27049), (489, 27052), (491, 27055), (597, 27106), (625, 27151), (644, 27193), (664, 27235),

Gene: Nicole21_49 Start: 41717, Stop: 43072, Start Num: 89

Candidate Starts for Nicole21_49:

(Start: 89 @41717 has 280 MA's), (Start: 105 @41768 has 11 MA's), (119, 41801), (185, 41930), (186, 41933), (194, 41948), (249, 42044), (273, 42083), (287, 42113), (300, 42149), (354, 42260), (365, 42290), (367, 42293), (397, 42359), (457, 42518), (477, 42566), (481, 42584), (504, 42632), (566, 42776), (588, 42836), (628, 42941), (671, 43028),

Gene: NicoleTera_15 Start: 8178, Stop: 9164, Start Num: 175

Candidate Starts for NicoleTera_15:

(Start: 175 @8178 has 331 MA's), (187, 8205), (190, 8208), (Start: 191 @8211 has 6 MA's), (Start: 203 @8232 has 2 MA's), (356, 8469), (362, 8481), (389, 8538), (396, 8550), (404, 8562), (428, 8616), (474, 8709), (479, 8727), (550, 8877), (572, 8952), (587, 8970), (607, 9012), (639, 9084),

Gene: Nidhogg_253 Start: 145322, Stop: 146350, Start Num: 158

Candidate Starts for Nidhogg_253:

(Start: 158 @145322 has 220 MA's), (Start: 175 @145352 has 331 MA's), (182, 145364), (Start: 203 @145406 has 2 MA's), (243, 145469), (254, 145490), (Start: 297 @145574 has 1 MA's), (331, 145616), (339, 145628), (346, 145643), (378, 145712), (389, 145739), (414, 145793), (427, 145838), (428, 145841), (460, 145919), (468, 145940), (521, 146051), (565, 146141), (570, 146159), (611, 146231), (625, 146264),

Gene: NiebruSaylor_66 Start: 42848, Stop: 43888, Start Num: 160

Candidate Starts for NiebruSaylor_66:

(Start: 160 @42848 has 30 MA's), (Start: 203 @42923 has 2 MA's), (243, 43004), (246, 43010), (254, 43025), (295, 43106), (Start: 297 @43109 has 1 MA's), (339, 43163), (346, 43178), (389, 43274), (408, 43313), (416, 43343), (427, 43373), (428, 43376), (441, 43409), (468, 43475), (482, 43514), (487, 43523), (502, 43550), (521, 43589), (608, 43763), (630, 43814),

Gene: NihilNomen_48 Start: 42652, Stop: 43518, Start Num: 202

Candidate Starts for NihilNomen_48:

(Start: 202 @42652 has 32 MA's), (Start: 218 @42679 has 1 MA's), (230, 42700), (278, 42787), (288, 42808), (308, 42853), (327, 42874), (342, 42895), (364, 42949), (387, 43000), (407, 43051), (473, 43201), (489, 43243), (517, 43294), (524, 43312), (584, 43378), (591, 43390), (593, 43399), (602, 43429), (633, 43492),

Gene: Nikao_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Nikao_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: Niklas_31 Start: 25853, Stop: 26614, Start Num: 227

Candidate Starts for Niklas_31:

(Start: 209 @25823 has 127 MA's), (Start: 227 @25853 has 136 MA's), (255, 25898), (275, 25934), (302, 25994), (307, 26000), (321, 26030), (327, 26036), (332, 26045), (346, 26078), (364, 26120), (390, 26171), (397, 26186), (465, 26321), (478, 26348), (489, 26369), (491, 26375), (499, 26393), (594, 26426), (596, 26432), (625, 26480), (652, 26552), (674, 26594), (676, 26603),

Gene: Nilo_40 Start: 35349, Stop: 36398, Start Num: 158

Candidate Starts for Nilo_40:

(Start: 158 @35349 has 220 MA's), (201, 35433), (Start: 206 @35442 has 15 MA's), (222, 35466), (243, 35496), (254, 35517), (274, 35553), (288, 35574), (293, 35583), (Start: 297 @35601 has 1 MA's), (346, 35670), (384, 35760), (404, 35802), (410, 35823), (446, 35922), (458, 35949), (492, 36021), (529, 36075), (592, 36225), (606, 36252), (611, 36261), (628, 36303), (630, 36306), (632, 36312), (641, 36321), (653, 36357), (658, 36366), (663, 36375),

Gene: Nimbo_31 Start: 27524, Stop: 28525, Start Num: 164

Candidate Starts for Nimbo_31:

(119, 27425), (Start: 164 @27524 has 214 MA's), (Start: 175 @27545 has 331 MA's), (182, 27557), (Start: 203 @27599 has 2 MA's), (243, 27662), (254, 27683), (Start: 297 @27767 has 1 MA's), (Start: 313 @27791 has 1 MA's), (331, 27806), (339, 27818), (389, 27929), (440, 28043), (446, 28061), (464, 28100), (474, 28124), (487, 28160), (502, 28187), (521, 28226), (552, 28274), (570, 28334), (596, 28382), (603, 28394), (625, 28439), (630, 28451),

Gene: Nimrod_35 Start: 32100, Stop: 32957, Start Num: 209

Candidate Starts for Nimrod_35:

(Start: 209 @32100 has 127 MA's), (229, 32139), (244, 32169), (255, 32190), (274, 32226), (288, 32256), (327, 32331), (352, 32379), (355, 32382), (365, 32406), (367, 32409), (378, 32424), (443, 32595), (494, 32709), (501, 32724), (504, 32730), (582, 32772), (584, 32775), (612, 32829), (646, 32907), (662, 32940),

Gene: Nitzel_32 Start: 28239, Stop: 29240, Start Num: 164

Candidate Starts for Nitzel_32:

(119, 28140), (Start: 164 @28239 has 214 MA's), (Start: 175 @28260 has 331 MA's), (182, 28272), (Start: 203 @28314 has 2 MA's), (222, 28347), (243, 28377), (254, 28398), (Start: 297 @28482 has 1

MA's), (Start: 313 @28506 has 1 MA's), (331, 28521), (339, 28533), (389, 28644), (440, 28758), (446, 28776), (464, 28815), (474, 28839), (487, 28875), (502, 28902), (521, 28941), (570, 29049), (596, 29097), (603, 29109), (624, 29151), (625, 29154), (630, 29166), (644, 29196),

Gene: Nivrat_31 Start: 27671, Stop: 28672, Start Num: 164

Candidate Starts for Nivrat_31:

(Start: 164 @27671 has 214 MA's), (Start: 175 @27692 has 331 MA's), (182, 27704), (Start: 203 @27746 has 2 MA's), (243, 27809), (254, 27830), (271, 27860), (Start: 297 @27914 has 1 MA's), (Start: 313 @27938 has 1 MA's), (331, 27953), (339, 27965), (389, 28076), (440, 28190), (446, 28208), (464, 28247), (474, 28271), (487, 28307), (502, 28334), (521, 28373), (552, 28421), (570, 28481), (603, 28541), (630, 28598), (644, 28628),

Gene: Niza_11 Start: 6593, Stop: 7561, Start Num: 175

Candidate Starts for Niza_11:

(Start: 175 @6593 has 331 MA's), (Start: 191 @6626 has 6 MA's), (Start: 202 @6644 has 32 MA's), (Start: 203 @6647 has 2 MA's), (366, 6914), (389, 6965), (396, 6977), (430, 7052), (455, 7115), (461, 7127), (468, 7148), (474, 7160), (479, 7178), (487, 7196), (500, 7220), (521, 7259), (563, 7340), (570, 7364), (571, 7367), (572, 7370), (581, 7379), (624, 7466), (663, 7553),

Gene: NoShow_27 Start: 24413, Stop: 25492, Start Num: 129

Candidate Starts for NoShow_27:

(92, 24296), (Start: 129 @24413 has 3 MA's), (135, 24425), (138, 24428), (208, 24560), (234, 24599), (290, 24701), (293, 24707), (317, 24755), (346, 24797), (358, 24833), (368, 24851), (372, 24857), (421, 24944), (425, 24950), (441, 25004), (452, 25031), (457, 25046), (484, 25118), (497, 25136), (549, 25211), (593, 25316), (599, 25334), (611, 25349), (619, 25361), (641, 25409), (670, 25478),

Gene: NoSleep_36 Start: 31597, Stop: 32454, Start Num: 209

Candidate Starts for NoSleep_36:

(Start: 209 @31597 has 127 MA's), (229, 31636), (244, 31666), (255, 31687), (274, 31723), (288, 31753), (327, 31828), (352, 31876), (355, 31879), (365, 31903), (367, 31906), (378, 31921), (443, 32092), (494, 32206), (501, 32221), (504, 32227), (582, 32269), (584, 32272), (612, 32326), (646, 32404), (662, 32437),

Gene: Noella_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Noella_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Noelle_10 Start: 5947, Stop: 6927, Start Num: 177

Candidate Starts for Noelle_10:

(Start: 177 @5947 has 116 MA's), (Start: 179 @5950 has 14 MA's), (190, 5974), (Start: 202 @5995 has 32 MA's), (Start: 203 @5998 has 2 MA's), (362, 6247), (366, 6256), (389, 6304), (432, 6388), (444, 6424), (450, 6436), (468, 6463), (469, 6466), (479, 6493), (550, 6643), (598, 6766), (607, 6778), (612, 6787), (639, 6844), (671, 6919),

Gene: NonchalantPear_35 Start: 31550, Stop: 32407, Start Num: 209

Candidate Starts for NonchalantPear_35:

(Start: 209 @31550 has 127 MA's), (229, 31589), (244, 31619), (255, 31640), (274, 31676), (288, 31706), (327, 31781), (352, 31829), (355, 31832), (365, 31856), (367, 31859), (378, 31874), (443, 32045), (494, 32159), (501, 32174), (504, 32180), (582, 32222), (584, 32225), (612, 32279), (646, 32357), (662, 32390),

Gene: NoodleTree_248 Start: 140073, Stop: 141101, Start Num: 158

Candidate Starts for NoodleTree_248:

(Start: 158 @140073 has 220 MA's), (Start: 175 @140103 has 331 MA's), (182, 140115), (Start: 203 @140157 has 2 MA's), (243, 140220), (254, 140241), (Start: 297 @140325 has 1 MA's), (331, 140367), (339, 140379), (346, 140394), (378, 140463), (389, 140490), (414, 140544), (427, 140589), (428, 140592), (460, 140670), (468, 140691), (521, 140802), (565, 140892), (570, 140910), (611, 140982), (625, 141015),

Gene: Norbert_10 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Norbert_10:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Norm_252 Start: 145223, Stop: 146251, Start Num: 158

Candidate Starts for Norm_252:

(Start: 158 @145223 has 220 MA's), (Start: 175 @145253 has 331 MA's), (182, 145265), (Start: 203 @145307 has 2 MA's), (243, 145370), (254, 145391), (Start: 297 @145475 has 1 MA's), (331, 145517), (339, 145529), (346, 145544), (378, 145613), (389, 145640), (414, 145694), (427, 145739), (428, 145742), (460, 145820), (468, 145841), (521, 145952), (565, 146042), (570, 146060), (611, 146132), (625, 146165),

Gene: NormanBulbieJr_31 Start: 27686, Stop: 28687, Start Num: 164

Candidate Starts for NormanBulbieJr_31:

(Start: 164 @27686 has 214 MA's), (Start: 175 @27707 has 331 MA's), (182, 27719), (Start: 203 @27761 has 2 MA's), (243, 27824), (254, 27845), (271, 27875), (Start: 297 @27929 has 1 MA's), (Start: 313 @27953 has 1 MA's), (331, 27968), (339, 27980), (389, 28091), (440, 28205), (446, 28223), (464, 28262), (474, 28286), (487, 28322), (502, 28349), (521, 28388), (552, 28436), (570, 28496), (603, 28556), (630, 28613), (644, 28643),

Gene: NorthStar_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for NorthStar_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Norz_12 Start: 6730, Stop: 7698, Start Num: 175

Candidate Starts for Norz_12:

(Start: 175 @6730 has 331 MA's), (Start: 191 @6763 has 6 MA's), (Start: 202 @6781 has 32 MA's), (Start: 203 @6784 has 2 MA's), (366, 7051), (389, 7102), (396, 7114), (430, 7189), (455, 7252), (468, 7285), (479, 7315), (487, 7333), (500, 7357), (521, 7396), (563, 7477), (570, 7501), (571, 7504), (572, 7507), (581, 7516), (583, 7519), (624, 7603), (644, 7648), (663, 7690),

Gene: NotAPhaseMom_10 Start: 5885, Stop: 6865, Start Num: 177

Candidate Starts for NotAPhaseMom_10:

(Start: 177 @5885 has 116 MA's), (Start: 179 @5888 has 14 MA's), (190, 5912), (Start: 202 @5933 has 32 MA's), (Start: 203 @5936 has 2 MA's), (362, 6185), (389, 6242), (432, 6326), (439, 6347), (450, 6374), (469, 6404), (479, 6431), (550, 6581), (594, 6692), (598, 6704), (607, 6716), (639, 6782),

Gene: NothingSpecial_13 Start: 8456, Stop: 9436, Start Num: 175

Candidate Starts for NothingSpecial_13:

(Start: 175 @8456 has 331 MA's), (Start: 203 @8510 has 2 MA's), (312, 8678), (389, 8831), (398, 8846), (430, 8915), (439, 8939), (444, 8954), (474, 9023), (479, 9041), (552, 9185), (571, 9248), (592, 9284), (593, 9287), (618, 9329),

Gene: November_29 Start: 26808, Stop: 27548, Start Num: 227

Candidate Starts for November_29:

(81, 26472), (165, 26709), (176, 26730), (196, 26763), (Start: 209 @26784 has 127 MA's), (Start: 227 @26808 has 136 MA's), (Start: 238 @26820 has 1 MA's), (251, 26847), (255, 26853), (275, 26889), (300, 26937), (307, 26946), (314, 26958), (332, 26991), (346, 27024), (397, 27132), (407, 27159), (465, 27267), (478, 27294), (489, 27315), (499, 27339), (591, 27351), (593, 27360), (625, 27417), (674, 27528),

Gene: NovoPizza_29 Start: 27896, Stop: 29269, Start Num: 90

Candidate Starts for NovoPizza_29:

(90, 27896), (119, 27986), (120, 27989), (Start: 151 @28052 has 50 MA's), (170, 28091), (194, 28136), (208, 28157), (215, 28169), (273, 28283), (293, 28322), (300, 28346), (376, 28502), (397, 28556), (434, 28652), (438, 28664), (457, 28715), (465, 28733), (477, 28763), (478, 28772), (481, 28781), (483, 28784), (504, 28829), (538, 28886), (551, 28922), (575, 29012), (576, 29015), (579, 29021), (582, 29024), (593, 29048), (628, 29135), (633, 29147), (651, 29189),

Gene: Noxious_11 Start: 6769, Stop: 7731, Start Num: 175

Candidate Starts for Noxious_11:

(Start: 175 @6769 has 331 MA's), (Start: 191 @6802 has 6 MA's), (Start: 202 @6820 has 32 MA's), (Start: 203 @6823 has 2 MA's), (366, 7090), (389, 7135), (432, 7225), (464, 7306), (468, 7318), (474, 7330), (479, 7348), (487, 7366), (500, 7390), (521, 7429), (563, 7510), (570, 7534), (571, 7537), (572, 7540), (581, 7549), (624, 7636), (644, 7681), (663, 7723),

Gene: Nozo_47 Start: 42295, Stop: 43359, Start Num: 151

Candidate Starts for Nozo_47:

(Start: 151 @42295 has 50 MA's), (184, 42358), (236, 42439), (271, 42505), (279, 42520), (288, 42532), (298, 42559), (343, 42616), (346, 42625), (413, 42772), (419, 42787), (439, 42841), (452, 42874), (467, 42913), (475, 42925), (518, 43006), (533, 43024), (535, 43027), (552, 43072), (596, 43183), (649, 43294), (658, 43315), (673, 43348),

Gene: NuevoMundo_254 Start: 145709, Stop: 146737, Start Num: 158

Candidate Starts for NuevoMundo_254:

(Start: 158 @145709 has 220 MA's), (Start: 175 @145739 has 331 MA's), (Start: 203 @145793 has 2 MA's), (243, 145856), (254, 145877), (Start: 297 @145961 has 1 MA's), (331, 146003), (339, 146015), (346, 146030), (378, 146099), (389, 146126), (414, 146180), (427, 146225), (428, 146228), (460, 146306), (468, 146327), (521, 146438), (565, 146528), (570, 146546), (611, 146618), (625, 146651),

Gene: Numberten_49 Start: 41708, Stop: 43063, Start Num: 89

Candidate Starts for Numberten_49:

(Start: 89 @41708 has 280 MA's), (Start: 105 @41759 has 11 MA's), (119, 41792), (185, 41921), (186, 41924), (194, 41939), (249, 42035), (273, 42074), (287, 42104), (300, 42140), (354, 42251), (365, 42281), (367, 42284), (397, 42350), (457, 42509), (477, 42557), (481, 42575), (504, 42623), (566, 42767), (588, 42827), (628, 42932), (671, 43019),

Gene: Nutello_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Nutello_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539),

(594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: Nyala_48 Start: 41407, Stop: 42762, Start Num: 89

Candidate Starts for Nyala_48:

(Start: 89 @41407 has 280 MA's), (Start: 105 @41458 has 11 MA's), (119, 41491), (185, 41620), (186, 41623), (194, 41638), (249, 41734), (273, 41773), (287, 41803), (300, 41839), (354, 41950), (365, 41980), (367, 41983), (397, 42049), (457, 42208), (477, 42256), (481, 42274), (504, 42322), (566, 42466), (588, 42526), (628, 42631), (671, 42718),

Gene: Nyxis_10 Start: 5824, Stop: 6807, Start Num: 175

Candidate Starts for Nyxis_10:

(Start: 175 @5824 has 331 MA's), (Start: 202 @5875 has 32 MA's), (Start: 203 @5878 has 2 MA's), (293, 6013), (302, 6037), (362, 6127), (389, 6184), (420, 6247), (432, 6268), (439, 6289), (450, 6316), (479, 6373), (550, 6523), (598, 6646), (607, 6658), (655, 6769),

Gene: OBUpride_33 Start: 28333, Stop: 29568, Start Num: 96

Candidate Starts for OBUpride_33:

(Start: 96 @28333 has 92 MA's), (127, 28426), (141, 28459), (145, 28471), (Start: 151 @28483 has 50 MA's), (153, 28486), (184, 28549), (194, 28567), (215, 28600), (249, 28660), (273, 28699), (278, 28708), (279, 28711), (287, 28729), (300, 28765), (327, 28813), (334, 28825), (337, 28831), (359, 28894), (361, 28897), (373, 28924), (381, 28936), (419, 29038), (461, 29125), (477, 29164), (483, 29185), (519, 29254), (541, 29284), (571, 29317), (579, 29326), (584, 29332), (591, 29344), (593, 29353), (625, 29416), (651, 29485),

Gene: OKCentral2016_10 Start: 5411, Stop: 6385, Start Num: 175

Candidate Starts for OKCentral2016_10:

(154, 5372), (Start: 175 @5411 has 331 MA's), (Start: 203 @5465 has 2 MA's), (299, 5618), (389, 5780), (398, 5795), (407, 5816), (430, 5864), (439, 5888), (441, 5894), (444, 5903), (474, 5972), (479, 5990), (502, 6035), (513, 6053), (552, 6131), (559, 6158), (565, 6173), (571, 6194), (620, 6284), (640, 6326), (663, 6377),

Gene: OKaNui_10 Start: 5646, Stop: 6626, Start Num: 177

Candidate Starts for OKaNui_10:

(Start: 177 @5646 has 116 MA's), (Start: 179 @5649 has 14 MA's), (190, 5673), (Start: 202 @5694 has 32 MA's), (Start: 203 @5697 has 2 MA's), (362, 5946), (389, 6003), (432, 6087), (439, 6108), (450, 6135), (469, 6165), (479, 6192), (550, 6342), (594, 6453), (598, 6465), (607, 6477), (639, 6543),

Gene: OSmaximus_50 Start: 41881, Stop: 43236, Start Num: 89

Candidate Starts for OSmaximus_50:

(Start: 89 @41881 has 280 MA's), (Start: 105 @41932 has 11 MA's), (119, 41965), (185, 42094), (186, 42097), (194, 42112), (249, 42208), (273, 42247), (287, 42277), (300, 42313), (354, 42424), (365, 42454), (367, 42457), (397, 42523), (457, 42682), (477, 42730), (481, 42748), (504, 42796), (566, 42940), (588, 43000), (628, 43105), (651, 43159), (671, 43192),

Gene: Obama12_10 Start: 5860, Stop: 6840, Start Num: 177

Candidate Starts for Obama12_10:

(Start: 177 @5860 has 116 MA's), (190, 5887), (Start: 202 @5908 has 32 MA's), (Start: 203 @5911 has 2 MA's), (362, 6160), (389, 6217), (396, 6229), (420, 6280), (432, 6301), (450, 6349), (479, 6406), (550, 6556), (598, 6679), (607, 6691), (639, 6757),

Gene: Obutu_47 Start: 41519, Stop: 42583, Start Num: 151

Candidate Starts for Obutu_47:

(Start: 151 @41519 has 50 MA's), (184, 41582), (236, 41663), (271, 41729), (279, 41744), (288, 41756), (298, 41783), (343, 41840), (346, 41849), (413, 41996), (419, 42011), (439, 42065), (452, 42098), (467, 42137), (475, 42149), (518, 42230), (533, 42248), (535, 42251), (596, 42407), (649, 42518), (658, 42539), (673, 42572),

Gene: Ochi17_29 Start: 27179, Stop: 28180, Start Num: 164

Candidate Starts for Ochi17_29:

(33, 26558), (40, 26636), (44, 26699), (52, 26738), (64, 26870), (70, 26891), (79, 26927), (119, 27080), (Start: 164 @27179 has 214 MA's), (Start: 175 @27200 has 331 MA's), (182, 27212), (Start: 203 @27254 has 2 MA's), (222, 27287), (243, 27317), (254, 27338), (Start: 297 @27422 has 1 MA's), (Start: 313 @27446 has 1 MA's), (331, 27461), (339, 27473), (389, 27584), (440, 27698), (446, 27716), (464, 27755), (474, 27779), (487, 27815), (502, 27842), (521, 27881), (570, 27989), (596, 28037), (603, 28049), (624, 28091), (625, 28094), (630, 28106), (644, 28136),

Gene: OctaviousRex_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for OctaviousRex_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Odette_49 Start: 41912, Stop: 42757, Start Num: 218

Candidate Starts for Odette_49:

(Start: 202 @41885 has 32 MA's), (Start: 218 @41912 has 1 MA's), (251, 41972), (278, 42020), (308, 42086), (327, 42107), (342, 42128), (364, 42182), (400, 42263), (522, 42542), (524, 42545), (545, 42569), (579, 42605), (590, 42620), (593, 42632), (601, 42653),

Gene: OfUltron_31 Start: 27728, Stop: 28729, Start Num: 164

Candidate Starts for OfUltron_31:

(33, 27107), (40, 27185), (44, 27248), (52, 27287), (64, 27419), (70, 27440), (79, 27476), (119, 27629), (Start: 164 @27728 has 214 MA's), (Start: 175 @27749 has 331 MA's), (182, 27761), (Start: 203 @27803 has 2 MA's), (222, 27836), (243, 27866), (254, 27887), (Start: 297 @27971 has 1 MA's), (Start: 313 @27995 has 1 MA's), (331, 28010), (339, 28022), (389, 28133), (440, 28247), (446, 28265), (464, 28304), (474, 28328), (487, 28364), (502, 28391), (521, 28430), (570, 28538), (596, 28586), (603, 28598), (624, 28640), (625, 28643), (630, 28655), (644, 28685),

Gene: Ogopogo_31 Start: 26878, Stop: 27879, Start Num: 164

Candidate Starts for Ogopogo_31:

(Start: 164 @26878 has 214 MA's), (Start: 203 @26953 has 2 MA's), (222, 26986), (243, 27016), (254, 27037), (271, 27067), (Start: 297 @27121 has 1 MA's), (Start: 313 @27145 has 1 MA's), (331, 27160), (339, 27172), (389, 27283), (440, 27397), (446, 27415), (464, 27454), (474, 27478), (487, 27514), (502, 27541), (516, 27565), (521, 27580), (570, 27688), (596, 27736), (630, 27805), (644, 27835),

Gene: OhShagHennessy_26 Start: 25512, Stop: 26543, Start Num: 169

Candidate Starts for OhShagHennessy_26:

(Start: 169 @25512 has 29 MA's), (265, 25668), (277, 25692), (284, 25704), (293, 25722), (Start: 297 @25740 has 1 MA's), (304, 25758), (309, 25764), (316, 25773), (322, 25788), (333, 25803), (352, 25851), (362, 25875), (389, 25932), (408, 25971), (441, 26049), (444, 26058), (445, 26061), (452, 26076), (472, 26130), (479, 26151), (485, 26166), (537, 26250), (548, 26280), (571, 26349), (581, 26361), (593, 26385), (599, 26403), (602, 26406), (611, 26418), (613, 26421), (625, 26451), (630, 26463),

Gene: Ohfah_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Ohfah_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Ohno789_9 Start: 5411, Stop: 6379, Start Num: 175

Candidate Starts for Ohno789_9:

(Start: 175 @5411 has 331 MA's), (Start: 191 @5444 has 6 MA's), (Start: 202 @5462 has 32 MA's), (Start: 203 @5465 has 2 MA's), (366, 5732), (389, 5783), (396, 5795), (430, 5870), (455, 5933), (461, 5945), (468, 5966), (479, 5996), (487, 6014), (521, 6077), (563, 6158), (570, 6182), (571, 6185), (572, 6188), (581, 6197), (624, 6284), (663, 6371),

Gene: OkiRoe_30 Start: 27047, Stop: 27919, Start Num: 227

Candidate Starts for OkiRoe_30:

(165, 26945), (196, 26999), (Start: 227 @27047 has 136 MA's), (Start: 238 @27059 has 1 MA's), (242, 27065), (255, 27092), (272, 27122), (275, 27128), (300, 27182), (307, 27191), (314, 27203), (332, 27236), (346, 27269), (367, 27317), (478, 27539), (488, 27557), (489, 27560), (524, 27620), (539, 27638), (559, 27665), (596, 27737), (612, 27752), (621, 27773), (622, 27776), (630, 27797), (671, 27890), (674, 27899), (676, 27908),

Gene: Oksu_32 Start: 27572, Stop: 28573, Start Num: 164

Candidate Starts for Oksu_32:

(33, 26951), (40, 27029), (44, 27092), (52, 27131), (64, 27263), (70, 27284), (79, 27320), (119, 27473), (Start: 164 @27572 has 214 MA's), (Start: 175 @27593 has 331 MA's), (182, 27605), (Start: 203 @27647 has 2 MA's), (222, 27680), (243, 27710), (254, 27731), (Start: 297 @27815 has 1 MA's), (Start: 313 @27839 has 1 MA's), (331, 27854), (339, 27866), (389, 27977), (440, 28091), (446, 28109), (464, 28148), (474, 28172), (487, 28208), (502, 28235), (521, 28274), (570, 28382), (596, 28430), (603, 28442), (624, 28484), (625, 28487), (630, 28499), (644, 28529),

Gene: Olak_48 Start: 41410, Stop: 42765, Start Num: 89

Candidate Starts for Olak_48:

(Start: 89 @41410 has 280 MA's), (Start: 105 @41461 has 11 MA's), (119, 41494), (185, 41623), (186, 41626), (194, 41641), (249, 41737), (273, 41776), (287, 41806), (300, 41842), (354, 41953), (365, 41983), (367, 41986), (397, 42052), (457, 42211), (477, 42259), (481, 42277), (504, 42325), (566, 42469), (588, 42529), (628, 42634), (671, 42721),

Gene: OlanP_12 Start: 6213, Stop: 7178, Start Num: 166

Candidate Starts for OlanP_12:

(Start: 166 @6213 has 96 MA's), (Start: 203 @6279 has 2 MA's), (241, 6333), (291, 6411), (362, 6534), (389, 6591), (430, 6663), (444, 6702), (452, 6720), (479, 6789), (546, 6906), (552, 6933), (571, 6996), (620, 7086), (622, 7092),

Gene: OldBen_31 Start: 27554, Stop: 28555, Start Num: 164

Candidate Starts for OldBen_31:

(Start: 164 @27554 has 214 MA's), (Start: 203 @27629 has 2 MA's), (222, 27662), (243, 27692), (254, 27713), (Start: 297 @27797 has 1 MA's), (Start: 313 @27821 has 1 MA's), (331, 27836), (339, 27848), (389, 27959), (440, 28073), (446, 28091), (464, 28130), (474, 28154), (487, 28190), (502, 28217), (521, 28256), (570, 28364), (603, 28424), (630, 28481), (644, 28511),

Gene: Olga_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Olga_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744),

(381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Oline_48 Start: 41270, Stop: 42625, Start Num: 89

Candidate Starts for Oline_48:

(Start: 89 @41270 has 280 MA's), (Start: 105 @41321 has 11 MA's), (119, 41354), (185, 41483), (186, 41486), (194, 41501), (249, 41597), (273, 41636), (287, 41666), (300, 41702), (354, 41813), (365, 41843), (367, 41846), (397, 41912), (457, 42071), (477, 42119), (481, 42137), (504, 42185), (566, 42329), (588, 42389), (628, 42494), (671, 42581),

Gene: Olive_49 Start: 41697, Stop: 43052, Start Num: 89

Candidate Starts for Olive_49:

(Start: 89 @41697 has 280 MA's), (Start: 105 @41748 has 11 MA's), (119, 41781), (145, 41835), (185, 41910), (186, 41913), (194, 41928), (249, 42024), (273, 42063), (287, 42093), (300, 42129), (354, 42240), (365, 42270), (367, 42273), (397, 42339), (457, 42498), (477, 42546), (481, 42564), (504, 42612), (566, 42756), (588, 42816), (628, 42921), (671, 43008),

Gene: OliverWalter_49 Start: 41719, Stop: 43074, Start Num: 89

Candidate Starts for OliverWalter_49:

(Start: 89 @41719 has 280 MA's), (Start: 105 @41770 has 11 MA's), (119, 41803), (185, 41932), (186, 41935), (194, 41950), (249, 42046), (273, 42085), (287, 42115), (300, 42151), (354, 42262), (365, 42292), (367, 42295), (397, 42361), (457, 42520), (477, 42568), (481, 42586), (504, 42634), (566, 42778), (588, 42838), (628, 42943), (651, 42997), (671, 43030),

Gene: Olivio_46 Start: 41388, Stop: 42452, Start Num: 151

Candidate Starts for Olivio_46:

(Start: 151 @41388 has 50 MA's), (184, 41451), (236, 41532), (271, 41598), (279, 41613), (288, 41625), (298, 41652), (343, 41709), (346, 41718), (413, 41865), (419, 41880), (439, 41934), (452, 41967), (467, 42006), (475, 42018), (518, 42099), (533, 42117), (535, 42120), (552, 42165), (596, 42276), (649, 42387), (658, 42408), (673, 42441),

Gene: Ollie_12 Start: 5833, Stop: 6798, Start Num: 166

Candidate Starts for Ollie_12:

(Start: 166 @5833 has 96 MA's), (Start: 191 @5878 has 6 MA's), (Start: 203 @5899 has 2 MA's), (280, 6019), (362, 6157), (389, 6214), (398, 6229), (439, 6310), (444, 6325), (452, 6343), (472, 6391), (475, 6397), (479, 6412), (552, 6553), (571, 6616), (593, 6655), (620, 6706),

Gene: OlympiaSaint_31 Start: 27970, Stop: 28971, Start Num: 164

Candidate Starts for OlympiaSaint_31:

(Start: 164 @27970 has 214 MA's), (Start: 203 @28045 has 2 MA's), (222, 28078), (243, 28108), (254, 28129), (271, 28159), (278, 28171), (Start: 297 @28213 has 1 MA's), (Start: 313 @28237 has 1 MA's), (331, 28252), (339, 28264), (389, 28375), (440, 28489), (446, 28507), (464, 28546), (474, 28570), (487, 28606), (521, 28672), (570, 28780), (596, 28828), (603, 28840), (625, 28885), (630, 28897), (644, 28927),

Gene: Omega_53 Start: 43678, Stop: 44550, Start Num: 202

Candidate Starts for Omega_53:

(121, 43507), (Start: 202 @43678 has 32 MA's), (Start: 218 @43705 has 1 MA's), (251, 43765), (288, 43834), (305, 43873), (308, 43879), (342, 43921), (364, 43975), (400, 44056), (445, 44179), (465, 44206), (522, 44335), (524, 44338), (579, 44398), (590, 44413), (593, 44425), (601, 44446), (605, 44458), (633, 44518),

Gene: OmniCritical_32 Start: 27538, Stop: 28329, Start Num: 213

Candidate Starts for OmniCritical_32:

(Start: 213 @27538 has 23 MA's), (Start: 238 @27571 has 1 MA's), (255, 27604), (268, 27628), (280, 27649), (286, 27658), (295, 27688), (300, 27697), (307, 27706), (327, 27742), (371, 27823), (465, 28030), (478, 28057), (489, 28078), (495, 28093), (499, 28102), (594, 28126), (625, 28180), (630, 28192), (659, 28264),

Gene: Omnicron_31 Start: 25950, Stop: 26807, Start Num: 227

Candidate Starts for Omnicron_31:

(Start: 227 @25950 has 136 MA's), (Start: 238 @25962 has 1 MA's), (242, 25968), (251, 25989), (255, 25995), (272, 26025), (300, 26085), (307, 26094), (314, 26106), (332, 26139), (346, 26172), (367, 26220), (478, 26442), (489, 26463), (499, 26487), (520, 26514), (524, 26523), (527, 26526), (539, 26538), (563, 26565), (596, 26625), (597, 26628), (621, 26661), (630, 26685), (651, 26742), (674, 26787),

Gene: Omniscient_49 Start: 41716, Stop: 43071, Start Num: 89

Candidate Starts for Omniscient_49:

(Start: 89 @41716 has 280 MA's), (Start: 105 @41767 has 11 MA's), (119, 41800), (128, 41818), (185, 41929), (186, 41932), (194, 41947), (249, 42043), (273, 42082), (287, 42112), (300, 42148), (354, 42259), (365, 42289), (367, 42292), (397, 42358), (457, 42517), (477, 42565), (481, 42583), (504, 42631), (566, 42775), (588, 42835), (628, 42940), (671, 43027),

Gene: Onyinye_47 Start: 36542, Stop: 37423, Start Num: 212

Candidate Starts for Onyinye_47:

(Start: 212 @36542 has 3 MA's), (267, 36638), (270, 36644), (308, 36728), (319, 36740), (365, 36842), (400, 36920), (407, 36941), (453, 37064), (471, 37103), (489, 37148), (524, 37217), (571, 37268), (579, 37277), (586, 37286), (615, 37346), (627, 37382),

Gene: Oogway_9 Start: 6003, Stop: 6971, Start Num: 175

Candidate Starts for Oogway_9:

(Start: 175 @6003 has 331 MA's), (Start: 191 @6036 has 6 MA's), (Start: 202 @6054 has 32 MA's), (Start: 203 @6057 has 2 MA's), (366, 6324), (389, 6375), (396, 6387), (430, 6462), (455, 6525), (461, 6537), (468, 6558), (474, 6570), (479, 6588), (487, 6606), (500, 6630), (521, 6669), (563, 6750), (570, 6774), (571, 6777), (572, 6780), (581, 6789), (624, 6876), (663, 6963),

Gene: Oosterbaan_49 Start: 41704, Stop: 43059, Start Num: 89

Candidate Starts for Oosterbaan_49:

(Start: 89 @41704 has 280 MA's), (Start: 105 @41755 has 11 MA's), (119, 41788), (185, 41917), (186, 41920), (194, 41935), (249, 42031), (273, 42070), (287, 42100), (300, 42136), (354, 42247), (365, 42277), (367, 42280), (397, 42346), (457, 42505), (477, 42553), (481, 42571), (504, 42619), (566, 42763), (588, 42823), (628, 42928), (651, 42982), (671, 43015),

Gene: Optimus_54 Start: 43558, Stop: 44430, Start Num: 202

Candidate Starts for Optimus_54:

(Start: 202 @43558 has 32 MA's), (Start: 218 @43585 has 1 MA's), (251, 43645), (278, 43693), (308, 43759), (327, 43780), (342, 43801), (364, 43855), (400, 43936), (522, 44215), (524, 44218), (545, 44242), (579, 44278), (590, 44293), (593, 44305), (601, 44326),

Gene: OrangeOswald_47 Start: 41536, Stop: 42600, Start Num: 151

Candidate Starts for OrangeOswald_47:

(Start: 151 @41536 has 50 MA's), (184, 41599), (236, 41680), (271, 41746), (279, 41761), (288, 41773), (298, 41800), (343, 41857), (346, 41866), (413, 42013), (419, 42028), (439, 42082), (452, 42115), (467, 42154), (475, 42166), (518, 42247), (533, 42265), (535, 42268), (552, 42313), (596, 42424), (649, 42535), (658, 42556), (673, 42589),

Gene: OrediggerDelux_249 Start: 145898, Stop: 146926, Start Num: 158

Candidate Starts for OrediggerDelux_249:

(Start: 158 @145898 has 220 MA's), (Start: 175 @145928 has 331 MA's), (182, 145940), (Start: 203 @145982 has 2 MA's), (243, 146045), (254, 146066), (Start: 297 @146150 has 1 MA's), (331, 146192), (339, 146204), (346, 146219), (378, 146288), (389, 146315), (414, 146369), (427, 146414), (428, 146417), (460, 146495), (468, 146516), (521, 146627), (565, 146717), (570, 146735), (611, 146807), (625, 146840),

Gene: Orfeu_48 Start: 41403, Stop: 42758, Start Num: 89

Candidate Starts for Orfeu_48:

(Start: 89 @41403 has 280 MA's), (Start: 105 @41454 has 11 MA's), (119, 41487), (185, 41616), (186, 41619), (194, 41634), (249, 41730), (273, 41769), (287, 41799), (300, 41835), (354, 41946), (365, 41976), (367, 41979), (397, 42045), (457, 42204), (477, 42252), (481, 42270), (504, 42318), (566, 42462), (588, 42522), (628, 42627), (671, 42714),

Gene: Orion_50 Start: 41837, Stop: 43192, Start Num: 89

Candidate Starts for Orion_50:

(Start: 89 @41837 has 280 MA's), (Start: 105 @41888 has 11 MA's), (119, 41921), (185, 42050), (186, 42053), (194, 42068), (249, 42164), (273, 42203), (287, 42233), (300, 42269), (354, 42380), (365, 42410), (367, 42413), (397, 42479), (457, 42638), (477, 42686), (481, 42704), (504, 42752), (566, 42896), (588, 42956), (628, 43061), (671, 43148),

Gene: OrionPax_36 Start: 31603, Stop: 32460, Start Num: 209

Candidate Starts for OrionPax_36:

(Start: 209 @31603 has 127 MA's), (229, 31642), (244, 31672), (255, 31693), (274, 31729), (288, 31759), (327, 31834), (352, 31882), (355, 31885), (365, 31909), (367, 31912), (378, 31927), (443, 32098), (494, 32212), (501, 32227), (504, 32233), (582, 32275), (584, 32278), (612, 32332), (646, 32410), (662, 32443),

Gene: Orwigg_48 Start: 41403, Stop: 42758, Start Num: 89

Candidate Starts for Orwigg_48:

(Start: 89 @41403 has 280 MA's), (Start: 105 @41454 has 11 MA's), (119, 41487), (185, 41616), (186, 41619), (194, 41634), (249, 41730), (273, 41769), (287, 41799), (300, 41835), (354, 41946), (365, 41976), (367, 41979), (397, 42045), (457, 42204), (477, 42252), (481, 42270), (504, 42318), (566, 42462), (588, 42522), (628, 42627), (671, 42714),

Gene: Oscar_30 Start: 25695, Stop: 26435, Start Num: 227

Candidate Starts for Oscar_30:

(165, 25593), (176, 25614), (196, 25647), (Start: 209 @25668 has 127 MA's), (Start: 227 @25695 has 136 MA's), (255, 25740), (275, 25776), (307, 25833), (327, 25869), (346, 25911), (367, 25959), (397, 26019), (465, 26154), (478, 26181), (491, 26208), (499, 26226), (594, 26250), (621, 26292), (628, 26313), (630, 26316), (674, 26415),

Gene: Ovechkin_32 Start: 28427, Stop: 29497, Start Num: 164

Candidate Starts for Ovechkin_32:

(138, 28376), (Start: 164 @28427 has 214 MA's), (Start: 179 @28454 has 14 MA's), (Start: 191 @28481 has 6 MA's), (197, 28490), (236, 28550), (248, 28577), (288, 28643), (316, 28697), (346, 28739), (366, 28790), (413, 28904), (423, 28937), (445, 29012), (454, 29033), (518, 29162), (552, 29234), (592, 29330), (596, 29342), (630, 29411), (654, 29468), (660, 29477),

Gene: OverPar_29 Start: 26335, Stop: 27306, Start Num: 112

Candidate Starts for OverPar_29:

(Start: 112 @26335 has 24 MA's), (134, 26389), (192, 26509), (211, 26539), (216, 26548), (219, 26554), (Start: 238 @26587 has 1 MA's), (240, 26590), (244, 26599), (255, 26620), (288, 26683), (307, 26710), (319, 26734), (365, 26815), (374, 26827), (402, 26890), (407, 26905), (431, 26965), (437, 26980), (478, 27061), (488, 27079), (489, 27082), (491, 27085), (597, 27136), (625, 27181), (644, 27223), (664, 27265),

Gene: OwlsT2W_32 Start: 27949, Stop: 28950, Start Num: 158

Candidate Starts for OwlsT2W_32:

(Start: 158 @27949 has 220 MA's), (Start: 203 @28024 has 2 MA's), (222, 28057), (243, 28087), (254, 28108), (Start: 297 @28192 has 1 MA's), (339, 28243), (346, 28258), (389, 28354), (439, 28465), (446, 28486), (464, 28525), (468, 28537), (487, 28585), (502, 28612), (516, 28636), (521, 28651), (570, 28759), (596, 28807), (630, 28876), (644, 28906),

Gene: P28Green_12 Start: 5961, Stop: 6926, Start Num: 166

Candidate Starts for P28Green_12:

(Start: 166 @5961 has 96 MA's), (Start: 191 @6006 has 6 MA's), (Start: 203 @6027 has 2 MA's), (280, 6147), (389, 6342), (398, 6357), (439, 6438), (444, 6453), (452, 6471), (474, 6522), (479, 6540), (502, 6585), (552, 6681), (571, 6744), (593, 6783), (620, 6834),

Gene: PG1_50 Start: 41850, Stop: 43205, Start Num: 89

Candidate Starts for PG1_50:

(Start: 89 @41850 has 280 MA's), (Start: 105 @41901 has 11 MA's), (119, 41934), (185, 42063), (186, 42066), (194, 42081), (249, 42177), (273, 42216), (287, 42246), (300, 42282), (354, 42393), (365, 42423), (367, 42426), (397, 42492), (457, 42651), (477, 42699), (481, 42717), (504, 42765), (566, 42909), (588, 42969), (628, 43074), (671, 43161),

Gene: PGHhamlin_14 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for PGHhamlin_14:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: PHappiness_31 Start: 27497, Stop: 28498, Start Num: 164

Candidate Starts for PHappiness_31:

(119, 27398), (Start: 164 @27497 has 214 MA's), (Start: 175 @27518 has 331 MA's), (182, 27530), (Start: 203 @27572 has 2 MA's), (243, 27635), (254, 27656), (Start: 297 @27740 has 1 MA's), (Start: 313 @27764 has 1 MA's), (331, 27779), (339, 27791), (389, 27902), (440, 28016), (446, 28034), (464, 28073), (474, 28097), (487, 28133), (502, 28160), (521, 28199), (552, 28247), (570, 28307), (596, 28355), (603, 28367), (625, 28412), (630, 28424),

Gene: PMC_31 Start: 27499, Stop: 28500, Start Num: 164

Candidate Starts for PMC_31:

(79, 27247), (119, 27400), (Start: 164 @27499 has 214 MA's), (Start: 175 @27520 has 331 MA's), (182, 27532), (Start: 203 @27574 has 2 MA's), (243, 27637), (254, 27658), (271, 27688), (Start: 297 @27742 has 1 MA's), (Start: 313 @27766 has 1 MA's), (339, 27793), (389, 27904), (440, 28018), (446, 28036), (464, 28075), (474, 28099), (487, 28135), (502, 28162), (521, 28201), (552, 28249), (570, 28309), (603, 28369), (630, 28426), (644, 28456),

Gene: PP_20 Start: 11682, Stop: 12425, Start Num: 326

Candidate Starts for PP_20:

(Start: 326 @11682 has 2 MA's), (344, 11718), (362, 11766), (389, 11823), (398, 11838), (440, 11922), (441, 11925), (452, 11952), (479, 12021), (513, 12084), (546, 12135), (552, 12162), (559, 12189), (565, 12204), (570, 12222), (571, 12225), (574, 12234), (581, 12243), (597, 12279), (620, 12318),

Gene: PSullivan_12 Start: 6491, Stop: 7459, Start Num: 175

Candidate Starts for PSullivan_12:

(Start: 175 @6491 has 331 MA's), (Start: 191 @6524 has 6 MA's), (Start: 202 @6542 has 32 MA's), (Start: 203 @6545 has 2 MA's), (366, 6812), (389, 6863), (396, 6875), (430, 6950), (455, 7013), (461, 7025), (468, 7046), (479, 7076), (487, 7094), (500, 7118), (521, 7157), (563, 7238), (570, 7262), (571, 7265), (572, 7268), (581, 7277), (624, 7364), (644, 7409), (663, 7451),

Gene: PYPDinur_26 Start: 25346, Stop: 26368, Start Num: 169

Candidate Starts for PYPDinur_26:

(Start: 169 @25346 has 29 MA's), (237, 25457), (258, 25490), (261, 25496), (265, 25502), (Start: 313 @25604 has 1 MA's), (316, 25607), (339, 25646), (346, 25667), (362, 25709), (389, 25766), (440, 25880), (479, 25985), (523, 26066), (526, 26069), (535, 26081), (548, 26114), (571, 26177), (581, 26189), (618, 26255), (620, 26264), (630, 26291),

Gene: Pacc40_31 Start: 27689, Stop: 28690, Start Num: 164

Candidate Starts for Pacc40_31:

(Start: 164 @27689 has 214 MA's), (Start: 175 @27710 has 331 MA's), (182, 27722), (Start: 203 @27764 has 2 MA's), (243, 27827), (254, 27848), (271, 27878), (Start: 297 @27932 has 1 MA's), (Start: 313 @27956 has 1 MA's), (339, 27983), (389, 28094), (440, 28208), (446, 28226), (464, 28265), (474, 28289), (487, 28325), (502, 28352), (521, 28391), (570, 28499), (596, 28547), (603, 28559), (624, 28601), (625, 28604), (630, 28616), (644, 28646),

Gene: PacerPaul_10 Start: 6259, Stop: 7227, Start Num: 175

Candidate Starts for PacerPaul_10:

(Start: 175 @6259 has 331 MA's), (Start: 191 @6292 has 6 MA's), (Start: 202 @6310 has 32 MA's), (Start: 203 @6313 has 2 MA's), (366, 6580), (389, 6631), (396, 6643), (430, 6718), (455, 6781), (468, 6814), (474, 6826), (479, 6844), (487, 6862), (521, 6925), (563, 7006), (570, 7030), (571, 7033), (572, 7036), (581, 7045), (624, 7132), (644, 7177), (663, 7219),

Gene: Pacifista_48 Start: 41406, Stop: 42761, Start Num: 89

Candidate Starts for Pacifista_48:

(Start: 89 @41406 has 280 MA's), (Start: 105 @41457 has 11 MA's), (119, 41490), (185, 41619), (186, 41622), (194, 41637), (249, 41733), (273, 41772), (287, 41802), (300, 41838), (354, 41949), (365, 41979), (367, 41982), (397, 42048), (457, 42207), (477, 42255), (481, 42273), (504, 42321), (566, 42465), (588, 42525), (628, 42630), (671, 42717),

Gene: PaddyBaddy_36 Start: 31613, Stop: 32470, Start Num: 209

Candidate Starts for PaddyBaddy_36:

(Start: 209 @31613 has 127 MA's), (229, 31652), (244, 31682), (255, 31703), (274, 31739), (288, 31769), (327, 31844), (352, 31892), (355, 31895), (365, 31919), (367, 31922), (378, 31937), (443, 32108), (494, 32222), (501, 32237), (504, 32243), (582, 32285), (584, 32288), (612, 32342), (646, 32420), (662, 32453),

Gene: Padfoot_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Padfoot_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Padpat_31 Start: 26454, Stop: 27326, Start Num: 227

Candidate Starts for Padpat_31:

(Start: 209 @26427 has 127 MA's), (Start: 227 @26454 has 136 MA's), (Start: 238 @26466 has 1 MA's), (275, 26535), (288, 26562), (300, 26592), (307, 26601), (327, 26637), (332, 26646), (346, 26679), (352, 26697), (367, 26727), (395, 26784), (397, 26787), (465, 26922), (478, 26949), (489, 26970), (499, 26994), (539, 27045), (596, 27147), (621, 27183), (649, 27255), (674, 27306), (676, 27315),

Gene: PaintedDog_30 Start: 25831, Stop: 27000, Start Num: 110

Candidate Starts for PaintedDog_30:

(79, 25705), (98, 25786), (Start: 110 @25831 has 51 MA's), (132, 25885), (134, 25888), (178, 25975), (Start: 209 @26023 has 127 MA's), (249, 26098), (278, 26146), (327, 26242), (334, 26254), (354, 26308), (364, 26335), (379, 26359), (397, 26404), (421, 26467), (447, 26539), (461, 26554), (465, 26566), (477, 26593), (517, 26680), (524, 26698), (531, 26704), (541, 26716), (579, 26761), (582, 26764), (588, 26773), (621, 26845), (651, 26920), (674, 26962), (677, 26983), (679, 26989),

Gene: Paito_28 Start: 25437, Stop: 26654, Start Num: 96

Candidate Starts for Paito_28:

(28, 24921), (38, 25041), (57, 25197), (Start: 96 @25437 has 92 MA's), (168, 25611), (211, 25683), (273, 25791), (288, 25824), (300, 25857), (310, 25878), (327, 25905), (334, 25917), (361, 25989), (381, 26028), (432, 26160), (461, 26217), (470, 26241), (477, 26256), (498, 26310), (501, 26316), (504, 26322), (506, 26325),

Gene: Palestino_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Palestino_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: PallasAthena_50 Start: 41414, Stop: 42769, Start Num: 89

Candidate Starts for PallasAthena_50:

(Start: 89 @41414 has 280 MA's), (Start: 105 @41465 has 11 MA's), (119, 41498), (185, 41627), (186, 41630), (194, 41645), (249, 41741), (273, 41780), (287, 41810), (300, 41846), (354, 41957), (365, 41987), (367, 41990), (397, 42056), (457, 42215), (477, 42263), (481, 42281), (504, 42329), (566, 42473), (588, 42533), (628, 42638), (671, 42725),

Gene: Palpatine_35 Start: 31872, Stop: 32729, Start Num: 209

Candidate Starts for Palpatine_35:

(Start: 209 @31872 has 127 MA's), (229, 31911), (244, 31941), (255, 31962), (274, 31998), (288, 32028), (327, 32103), (352, 32151), (355, 32154), (365, 32178), (367, 32181), (378, 32196), (443, 32367), (488, 32466), (494, 32481), (501, 32496), (504, 32502), (582, 32544), (584, 32547), (612, 32601), (646, 32679), (662, 32712),

Gene: Panamaxus_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Panamaxus_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Paola_30 Start: 27046, Stop: 27918, Start Num: 227

Candidate Starts for Paola_30:

(Start: 227 @27046 has 136 MA's), (Start: 238 @27058 has 1 MA's), (242, 27064), (255, 27091), (272, 27121), (275, 27127), (300, 27181), (307, 27190), (314, 27202), (332, 27235), (346, 27268), (367, 27316), (401, 27385), (478, 27538), (488, 27556), (489, 27559), (524, 27619), (539, 27637), (559,

27664), (596, 27736), (621, 27772), (622, 27775), (630, 27796), (651, 27853), (671, 27889), (674, 27898), (676, 27907),

Gene: Paperbeatsrock_37 Start: 32838, Stop: 33695, Start Num: 209

Candidate Starts for Paperbeatsrock_37:

(Start: 209 @32838 has 127 MA's), (229, 32877), (244, 32907), (255, 32928), (274, 32964), (288, 32994), (327, 33069), (352, 33117), (355, 33120), (365, 33144), (367, 33147), (378, 33162), (443, 33333), (494, 33447), (501, 33462), (504, 33468), (582, 33510), (584, 33513), (612, 33567), (646, 33645), (662, 33678),

Gene: Papez_12 Start: 7454, Stop: 8422, Start Num: 175

Candidate Starts for Papez_12:

(Start: 175 @7454 has 331 MA's), (Start: 191 @7487 has 6 MA's), (Start: 202 @7505 has 32 MA's), (Start: 203 @7508 has 2 MA's), (366, 7775), (389, 7826), (396, 7838), (430, 7913), (455, 7976), (461, 7988), (468, 8009), (474, 8021), (479, 8039), (487, 8057), (521, 8120), (563, 8201), (570, 8225), (571, 8228), (572, 8231), (581, 8240), (624, 8327), (644, 8372), (663, 8414),

Gene: Paphu_9 Start: 5448, Stop: 6416, Start Num: 175

Candidate Starts for Paphu_9:

(Start: 175 @5448 has 331 MA's), (Start: 191 @5481 has 6 MA's), (Start: 202 @5499 has 32 MA's), (Start: 203 @5502 has 2 MA's), (366, 5769), (389, 5820), (396, 5832), (430, 5907), (455, 5970), (461, 5982), (468, 6003), (474, 6015), (479, 6033), (487, 6051), (500, 6075), (521, 6114), (563, 6195), (570, 6219), (571, 6222), (572, 6225), (581, 6234), (624, 6321), (644, 6366), (663, 6408),

Gene: Papyrus_39 Start: 35008, Stop: 36057, Start Num: 158

Candidate Starts for Papyrus_39:

(Start: 158 @35008 has 220 MA's), (201, 35092), (Start: 206 @35101 has 15 MA's), (222, 35125), (243, 35155), (254, 35176), (274, 35212), (288, 35233), (293, 35242), (Start: 297 @35260 has 1 MA's), (346, 35329), (410, 35482), (446, 35581), (458, 35608), (492, 35680), (529, 35734), (593, 35887), (606, 35911), (611, 35920), (628, 35962), (630, 35965), (632, 35971), (641, 35980), (653, 36016), (658, 36025), (663, 36034),

Gene: Paraselene_9 Start: 5760, Stop: 6728, Start Num: 175

Candidate Starts for Paraselene_9:

(Start: 175 @5760 has 331 MA's), (Start: 191 @5793 has 6 MA's), (Start: 202 @5811 has 32 MA's), (Start: 203 @5814 has 2 MA's), (366, 6081), (389, 6132), (396, 6144), (430, 6219), (455, 6282), (461, 6294), (468, 6315), (479, 6345), (487, 6363), (500, 6387), (521, 6426), (563, 6507), (570, 6531), (571, 6534), (572, 6537), (581, 6546), (624, 6633), (644, 6678), (663, 6720),

Gene: Pari_11 Start: 6227, Stop: 7195, Start Num: 175

Candidate Starts for Pari_11:

(Start: 175 @6227 has 331 MA's), (Start: 191 @6260 has 6 MA's), (Start: 202 @6278 has 32 MA's), (Start: 203 @6281 has 2 MA's), (366, 6548), (389, 6599), (396, 6611), (430, 6686), (455, 6749), (461, 6761), (468, 6782), (474, 6794), (479, 6812), (487, 6830), (500, 6854), (521, 6893), (563, 6974), (570, 6998), (571, 7001), (572, 7004), (581, 7013), (624, 7100), (663, 7187),

Gene: ParkTD_251 Start: 144793, Stop: 145821, Start Num: 158

Candidate Starts for ParkTD_251:

(Start: 158 @144793 has 220 MA's), (Start: 175 @144823 has 331 MA's), (182, 144835), (Start: 203 @144877 has 2 MA's), (243, 144940), (254, 144961), (Start: 297 @145045 has 1 MA's), (331, 145087), (339, 145099), (346, 145114), (378, 145183), (389, 145210), (414, 145264), (427, 145309), (428, 145312), (460, 145390), (468, 145411), (521, 145522), (565, 145612), (570, 145630), (611, 145702), (625, 145735),

Gene: Parliament_9 Start: 5830, Stop: 6798, Start Num: 175

Candidate Starts for Parliament_9:

(Start: 175 @5830 has 331 MA's), (Start: 191 @5863 has 6 MA's), (Start: 202 @5881 has 32 MA's), (Start: 203 @5884 has 2 MA's), (366, 6151), (389, 6202), (396, 6214), (430, 6289), (455, 6352), (461, 6364), (468, 6385), (474, 6397), (479, 6415), (487, 6433), (500, 6457), (521, 6496), (563, 6577), (570, 6601), (571, 6604), (572, 6607), (581, 6616), (624, 6703), (663, 6790),

Gene: PascalRango_9 Start: 5626, Stop: 6594, Start Num: 175

Candidate Starts for PascalRango_9:

(Start: 175 @5626 has 331 MA's), (Start: 191 @5659 has 6 MA's), (Start: 202 @5677 has 32 MA's), (Start: 203 @5680 has 2 MA's), (366, 5947), (389, 5998), (396, 6010), (430, 6085), (455, 6148), (468, 6181), (474, 6193), (479, 6211), (487, 6229), (500, 6253), (521, 6292), (563, 6373), (570, 6397), (571, 6400), (572, 6403), (581, 6412), (624, 6499), (663, 6586),

Gene: Pat3_34 Start: 30584, Stop: 31441, Start Num: 209

Candidate Starts for Pat3_34:

(Start: 209 @30584 has 127 MA's), (229, 30623), (244, 30653), (255, 30674), (274, 30710), (288, 30740), (327, 30815), (352, 30863), (355, 30866), (365, 30890), (367, 30893), (378, 30908), (443, 31079), (494, 31193), (501, 31208), (504, 31214), (582, 31256), (584, 31259), (612, 31313), (646, 31391), (662, 31424),

Gene: Patience_42 Start: 35792, Stop: 36817, Start Num: 158

Candidate Starts for Patience_42:

(Start: 158 @35792 has 220 MA's), (243, 35927), (288, 36002), (343, 36086), (346, 36095), (355, 36119), (357, 36128), (405, 36221), (439, 36320), (452, 36353), (459, 36368), (466, 36389), (472, 36398), (518, 36485), (533, 36503), (549, 36533), (552, 36551), (562, 36587), (596, 36662), (603, 36674), (606, 36677), (624, 36716), (649, 36773),

Gene: PatoPoderoso_31 Start: 27715, Stop: 28716, Start Num: 164

Candidate Starts for PatoPoderoso_31:

(Start: 164 @27715 has 214 MA's), (Start: 203 @27790 has 2 MA's), (222, 27823), (243, 27853), (254, 27874), (271, 27904), (Start: 297 @27958 has 1 MA's), (Start: 313 @27982 has 1 MA's), (331, 27997), (339, 28009), (389, 28120), (440, 28234), (446, 28252), (464, 28291), (474, 28315), (487, 28351), (502, 28378), (521, 28417), (570, 28525), (596, 28573), (603, 28585), (625, 28630), (630, 28642), (644, 28672),

Gene: Patt_32 Start: 27372, Stop: 28163, Start Num: 213

Candidate Starts for Patt_32:

(157, 27267), (165, 27285), (180, 27312), (189, 27333), (Start: 213 @27372 has 23 MA's), (Start: 238 @27405 has 1 MA's), (255, 27438), (286, 27492), (300, 27531), (307, 27540), (327, 27576), (332, 27585), (418, 27768), (465, 27864), (478, 27891), (489, 27912), (495, 27927), (499, 27936), (594, 27960), (625, 28014), (630, 28026), (659, 28098), (671, 28119),

Gene: Patter_254 Start: 144453, Stop: 145481, Start Num: 158

Candidate Starts for Patter_254:

(Start: 158 @144453 has 220 MA's), (Start: 175 @144483 has 331 MA's), (182, 144495), (Start: 203 @144537 has 2 MA's), (243, 144600), (254, 144621), (Start: 297 @144705 has 1 MA's), (331, 144747), (339, 144759), (346, 144774), (378, 144843), (389, 144870), (414, 144924), (427, 144969), (428, 144972), (460, 145050), (468, 145071), (521, 145182), (565, 145272), (570, 145290), (611, 145362), (625, 145395),

Gene: PattyP_11 Start: 5782, Stop: 6750, Start Num: 175

Candidate Starts for PattyP_11:

(Start: 175 @5782 has 331 MA's), (Start: 191 @5815 has 6 MA's), (Start: 202 @5833 has 32 MA's), (Start: 203 @5836 has 2 MA's), (366, 6103), (389, 6154), (396, 6166), (430, 6241), (455, 6304), (461, 6316), (468, 6337), (474, 6349), (479, 6367), (487, 6385), (500, 6409), (521, 6448), (563, 6529), (570, 6553), (571, 6556), (572, 6559), (581, 6568), (624, 6655), (663, 6742),

Gene: Pawn_12 Start: 6033, Stop: 6998, Start Num: 166

Candidate Starts for Pawn_12:

(Start: 166 @6033 has 96 MA's), (Start: 203 @6099 has 2 MA's), (241, 6153), (291, 6231), (362, 6354), (389, 6411), (430, 6483), (444, 6522), (452, 6540), (479, 6609), (546, 6726), (552, 6753), (571, 6816), (620, 6906), (622, 6912),

Gene: Payneful_10 Start: 5573, Stop: 6541, Start Num: 175

Candidate Starts for Payneful_10:

(Start: 175 @5573 has 331 MA's), (Start: 191 @5606 has 6 MA's), (Start: 202 @5624 has 32 MA's), (Start: 203 @5627 has 2 MA's), (366, 5894), (389, 5945), (396, 5957), (430, 6032), (455, 6095), (468, 6128), (474, 6140), (479, 6158), (487, 6176), (521, 6239), (563, 6320), (570, 6344), (571, 6347), (572, 6350), (581, 6359), (624, 6446), (644, 6491), (663, 6533),

Gene: PeaceMeal1_9 Start: 3782, Stop: 4756, Start Num: 175

Candidate Starts for PeaceMeal1_9:

(152, 3743), (Start: 175 @3782 has 331 MA's), (Start: 191 @3815 has 6 MA's), (Start: 203 @3836 has 2 MA's), (Start: 315 @4004 has 18 MA's), (339, 4046), (344, 4061), (389, 4166), (430, 4238), (440, 4265), (441, 4268), (444, 4277), (479, 4364), (552, 4511), (571, 4574), (593, 4613), (618, 4655),

Gene: Peaches_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Peaches_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Peanam_31 Start: 25850, Stop: 26611, Start Num: 227

Candidate Starts for Peanam_31:

(Start: 209 @25820 has 127 MA's), (Start: 227 @25850 has 136 MA's), (255, 25895), (275, 25931), (302, 25991), (307, 25997), (321, 26027), (327, 26033), (332, 26042), (346, 26075), (364, 26117), (390, 26168), (397, 26183), (465, 26318), (478, 26345), (489, 26366), (491, 26372), (499, 26390), (594, 26423), (596, 26429), (625, 26477), (652, 26549), (674, 26591), (676, 26600),

Gene: PeanutPie_27 Start: 24053, Stop: 25219, Start Num: 110

Candidate Starts for PeanutPie_27:

(13, 23210), (15, 23300), (26, 23471), (36, 23567), (43, 23672), (Start: 110 @24053 has 51 MA's), (114, 24062), (132, 24107), (134, 24110), (178, 24197), (207, 24242), (249, 24317), (264, 24338), (273, 24356), (300, 24422), (327, 24461), (354, 24527), (365, 24557), (379, 24578), (397, 24623), (434, 24719), (447, 24758), (461, 24773), (477, 24812), (517, 24899), (524, 24917), (531, 24923), (571, 24971), (621, 25064), (651, 25139),

Gene: Peeb_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Peeb_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (285, 25567), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Peel_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Peel_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: PegLeg_38 Start: 31793, Stop: 32764, Start Num: 206

Candidate Starts for PegLeg_38:

(Start: 206 @31793 has 15 MA's), (220, 31817), (228, 31832), (295, 31970), (309, 31997), (Start: 326 @32015 has 2 MA's), (333, 32027), (339, 32036), (356, 32081), (362, 32093), (378, 32120), (389, 32147), (396, 32159), (416, 32204), (428, 32231), (440, 32261), (443, 32270), (444, 32273), (485, 32360), (495, 32375), (563, 32528), (564, 32531), (592, 32591), (596, 32603), (599, 32612), (621, 32648), (626, 32663), (642, 32702), (653, 32735),

Gene: Pelly_11 Start: 6459, Stop: 7427, Start Num: 175

Candidate Starts for Pelly_11:

(Start: 175 @6459 has 331 MA's), (Start: 191 @6492 has 6 MA's), (Start: 202 @6510 has 32 MA's), (Start: 203 @6513 has 2 MA's), (366, 6780), (389, 6831), (396, 6843), (430, 6918), (455, 6981), (468, 7014), (474, 7026), (479, 7044), (487, 7062), (500, 7086), (521, 7125), (563, 7206), (570, 7230), (571, 7233), (572, 7236), (581, 7245), (624, 7332), (663, 7419),

Gene: Pembroke_12 Start: 5963, Stop: 6928, Start Num: 166

Candidate Starts for Pembroke_12:

(Start: 166 @5963 has 96 MA's), (Start: 191 @6008 has 6 MA's), (Start: 203 @6029 has 2 MA's), (280, 6149), (362, 6287), (389, 6344), (398, 6359), (439, 6440), (444, 6455), (452, 6473), (474, 6524), (479, 6542), (502, 6587), (552, 6683), (571, 6746), (593, 6785), (620, 6836),

Gene: Penny1_12 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for Penny1_12:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479, 6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Pepe_11 Start: 6482, Stop: 7450, Start Num: 175

Candidate Starts for Pepe_11:

(Start: 175 @6482 has 331 MA's), (Start: 191 @6515 has 6 MA's), (Start: 202 @6533 has 32 MA's), (Start: 203 @6536 has 2 MA's), (366, 6803), (389, 6854), (396, 6866), (430, 6941), (455, 7004), (468, 7037), (474, 7049), (479, 7067), (487, 7085), (500, 7109), (521, 7148), (563, 7229), (570, 7253), (571, 7256), (572, 7259), (581, 7268), (583, 7271), (624, 7355), (644, 7400), (663, 7442),

Gene: Peridot_36 Start: 29018, Stop: 30019, Start Num: 164

Candidate Starts for Peridot_36:

(Start: 164 @29018 has 214 MA's), (Start: 203 @29093 has 2 MA's), (222, 29126), (243, 29156), (254, 29177), (Start: 297 @29261 has 1 MA's), (Start: 313 @29285 has 1 MA's), (331, 29300), (339, 29312), (389, 29423), (440, 29537), (446, 29555), (464, 29594), (474, 29618), (487, 29654), (502, 29681), (521, 29720), (552, 29768), (570, 29828), (603, 29888), (624, 29930), (625, 29933), (630, 29945), (644, 29975),

Gene: Periodt_28 Start: 25201, Stop: 26400, Start Num: 96

Candidate Starts for Periodt_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25537), (278, 25546), (288, 25570), (293, 25579), (300, 25603), (310, 25624), (327, 25651), (334, 25663), (361, 25735), (381, 25774), (461, 25963), (477, 26002), (483, 26023), (501, 26062), (504, 26068),

Gene: Perplexer_10 Start: 5881, Stop: 6864, Start Num: 175

Candidate Starts for Perplexer_10:

(Start: 175 @5881 has 331 MA's), (190, 5911), (Start: 202 @5932 has 32 MA's), (Start: 203 @5935 has 2 MA's), (362, 6184), (389, 6241), (396, 6253), (409, 6283), (420, 6304), (432, 6325), (450, 6373), (479, 6430), (550, 6580), (598, 6703), (607, 6715), (612, 6724), (639, 6781), (671, 6856),

Gene: Perseus_11 Start: 6143, Stop: 7111, Start Num: 175

Candidate Starts for Perseus_11:

(Start: 175 @6143 has 331 MA's), (Start: 191 @6176 has 6 MA's), (Start: 202 @6194 has 32 MA's), (Start: 203 @6197 has 2 MA's), (366, 6464), (389, 6515), (396, 6527), (430, 6602), (455, 6665), (468, 6698), (474, 6710), (479, 6728), (487, 6746), (500, 6770), (521, 6809), (563, 6890), (570, 6914), (571, 6917), (572, 6920), (581, 6929), (624, 7016), (644, 7061), (663, 7103),

Gene: PeterPeter_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for PeterPeter_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Peterson_13 Start: 7442, Stop: 8410, Start Num: 175

Candidate Starts for Peterson_13:

(Start: 175 @7442 has 331 MA's), (Start: 191 @7475 has 6 MA's), (Start: 202 @7493 has 32 MA's), (Start: 203 @7496 has 2 MA's), (366, 7763), (389, 7814), (396, 7826), (430, 7901), (468, 7997), (474, 8009), (479, 8027), (487, 8045), (500, 8069), (521, 8108), (563, 8189), (570, 8213), (571, 8216), (572, 8219), (581, 8228), (624, 8315), (644, 8360), (663, 8402),

Gene: PetiteSangsue_10 Start: 5887, Stop: 6870, Start Num: 175

Candidate Starts for PetiteSangsue_10:

(Start: 175 @5887 has 331 MA's), (190, 5917), (Start: 202 @5938 has 32 MA's), (Start: 203 @5941 has 2 MA's), (362, 6190), (389, 6247), (396, 6259), (409, 6289), (420, 6310), (432, 6331), (450, 6379), (479, 6436), (550, 6586), (598, 6709), (607, 6721), (612, 6730), (639, 6787), (671, 6862),

Gene: Petp2012_12 Start: 5935, Stop: 6903, Start Num: 175

Candidate Starts for Petp2012_12:

(Start: 175 @5935 has 331 MA's), (Start: 191 @5968 has 6 MA's), (Start: 202 @5986 has 32 MA's), (Start: 203 @5989 has 2 MA's), (366, 6256), (389, 6307), (396, 6319), (430, 6394), (455, 6457), (468, 6490), (474, 6502), (479, 6520), (487, 6538), (500, 6562), (521, 6601), (563, 6682), (570, 6706), (571, 6709), (572, 6712), (581, 6721), (624, 6808), (644, 6853), (663, 6895),

Gene: Petra64142_37 Start: 32318, Stop: 33175, Start Num: 209

Candidate Starts for Petra64142_37:

(Start: 209 @32318 has 127 MA's), (229, 32357), (244, 32387), (255, 32408), (274, 32444), (288, 32474), (327, 32549), (352, 32597), (355, 32600), (365, 32624), (367, 32627), (378, 32642), (443, 32813), (488, 32912), (494, 32927), (501, 32942), (504, 32948), (582, 32990), (584, 32993), (612, 33047), (646, 33125), (662, 33158),

Gene: Petruchio_10 Start: 5701, Stop: 6669, Start Num: 175

Candidate Starts for Petruchio_10:

(Start: 175 @5701 has 331 MA's), (Start: 191 @5734 has 6 MA's), (Start: 202 @5752 has 32 MA's), (Start: 203 @5755 has 2 MA's), (366, 6022), (389, 6073), (396, 6085), (430, 6160), (455, 6223), (461, 6235), (468, 6256), (474, 6268), (479, 6286), (487, 6304), (500, 6328), (521, 6367), (563, 6448), (570, 6472), (571, 6475), (572, 6478), (581, 6487), (624, 6574), (644, 6619), (663, 6661),

Gene: Phacado_10 Start: 5880, Stop: 6860, Start Num: 177

Candidate Starts for Phacado_10:

(Start: 177 @5880 has 116 MA's), (Start: 179 @5883 has 14 MA's), (190, 5907), (Start: 202 @5928 has 32 MA's), (Start: 203 @5931 has 2 MA's), (362, 6180), (389, 6237), (432, 6321), (439, 6342), (450, 6369), (469, 6399), (479, 6426), (550, 6576), (594, 6687), (598, 6699), (607, 6711), (639, 6777),

Gene: Phaded_14 Start: 8540, Stop: 9526, Start Num: 175

Candidate Starts for Phaded_14:

(Start: 175 @8540 has 331 MA's), (190, 8570), (Start: 203 @8594 has 2 MA's), (293, 8729), (389, 8900), (427, 8975), (432, 8984), (479, 9095), (512, 9155), (532, 9191), (550, 9245), (556, 9269), (558, 9275), (572, 9320), (607, 9380), (612, 9389),

Gene: Phaedrus_45 Start: 41456, Stop: 42520, Start Num: 151

Candidate Starts for Phaedrus_45:

(Start: 151 @41456 has 50 MA's), (184, 41519), (236, 41600), (271, 41666), (279, 41681), (288, 41693), (298, 41720), (343, 41777), (346, 41786), (413, 41933), (419, 41948), (439, 42002), (452, 42035), (467, 42074), (475, 42086), (518, 42167), (533, 42185), (535, 42188), (552, 42233), (596, 42344), (649, 42455), (658, 42476), (673, 42509),

Gene: Phaja_35 Start: 32034, Stop: 32891, Start Num: 209

Candidate Starts for Phaja_35:

(Start: 209 @32034 has 127 MA's), (229, 32073), (244, 32103), (255, 32124), (274, 32160), (288, 32190), (327, 32265), (352, 32313), (355, 32316), (365, 32340), (367, 32343), (378, 32358), (443, 32529), (494, 32643), (501, 32658), (504, 32664), (582, 32706), (584, 32709), (612, 32763), (646, 32841), (662, 32874),

Gene: Phalconet_31 Start: 27631, Stop: 28632, Start Num: 164

Candidate Starts for Phalconet_31:

(Start: 164 @27631 has 214 MA's), (Start: 175 @27652 has 331 MA's), (182, 27664), (Start: 203 @27706 has 2 MA's), (243, 27769), (254, 27790), (271, 27820), (Start: 297 @27874 has 1 MA's), (Start: 313 @27898 has 1 MA's), (339, 27925), (389, 28036), (440, 28150), (446, 28168), (464, 28207), (474, 28231), (487, 28267), (502, 28294), (521, 28333), (552, 28381), (570, 28441), (603, 28501), (630, 28558), (644, 28588),

Gene: Phalm_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for Phalm_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: Phamished_50 Start: 41857, Stop: 43212, Start Num: 89

Candidate Starts for Phamished_50:

(Start: 89 @41857 has 280 MA's), (Start: 105 @41908 has 11 MA's), (119, 41941), (185, 42070), (186, 42073), (194, 42088), (249, 42184), (273, 42223), (287, 42253), (300, 42289), (354, 42400), (365, 42430), (367, 42433), (397, 42499), (457, 42658), (477, 42706), (481, 42724), (504, 42772), (566, 42916), (588, 42976), (628, 43081), (671, 43168),

Gene: Phanphagia_28 Start: 26657, Stop: 27655, Start Num: 158

Candidate Starts for Phanphagia_28:

(Start: 158 @26657 has 220 MA's), (Start: 203 @26732 has 2 MA's), (243, 26792), (254, 26813), (Start: 297 @26897 has 1 MA's), (339, 26948), (346, 26963), (389, 27059), (430, 27146), (439, 27170), (446, 27191), (464, 27230), (468, 27242), (487, 27290), (502, 27317), (516, 27341), (521, 27356), (570, 27464), (596, 27512), (630, 27581), (644, 27611),

Gene: Phantastic_10 Start: 5701, Stop: 6441, Start Num: 306

Candidate Starts for Phantastic_10:

(220, 5608), (Start: 306 @5701 has 1 MA's), (333, 5716), (362, 5788), (389, 5845), (396, 5857), (398, 5860), (408, 5884), (414, 5899), (439, 5947), (452, 5980), (479, 6049), (518, 6121), (552, 6190), (559, 6217), (571, 6253), (593, 6292), (666, 6433),

Gene: Pharb_30 Start: 26706, Stop: 27494, Start Num: 227

Candidate Starts for Pharb_30:

(196, 26661), (Start: 227 @26706 has 136 MA's), (255, 26751), (275, 26787), (300, 26844), (307, 26853), (327, 26889), (352, 26943), (364, 26967), (433, 27108), (465, 27171), (478, 27213), (489, 27234), (491, 27240), (499, 27258), (593, 27288), (630, 27357), (659, 27429), (674, 27459),

Gene: Phareon_49 Start: 41405, Stop: 42760, Start Num: 89

Candidate Starts for Phareon_49:

(Start: 89 @41405 has 280 MA's), (Start: 105 @41456 has 11 MA's), (119, 41489), (185, 41618), (186, 41621), (194, 41636), (249, 41732), (273, 41771), (287, 41801), (300, 41837), (354, 41948), (365, 41978), (367, 41981), (397, 42047), (457, 42206), (477, 42254), (481, 42272), (504, 42320), (566, 42464), (588, 42524), (628, 42629), (671, 42716),

Gene: PharkleMinkus_256 Start: 143846, Stop: 144874, Start Num: 158

Candidate Starts for PharkleMinkus_256:

(Start: 158 @143846 has 220 MA's), (Start: 175 @143876 has 331 MA's), (182, 143888), (Start: 203 @143930 has 2 MA's), (243, 143993), (254, 144014), (Start: 297 @144098 has 1 MA's), (331, 144140), (339, 144152), (346, 144167), (378, 144236), (389, 144263), (414, 144317), (427, 144362), (428, 144365), (460, 144443), (468, 144464), (521, 144575), (565, 144665), (570, 144683), (611, 144755), (625, 144788),

Gene: Pharsalus_36 Start: 32638, Stop: 33495, Start Num: 209

Candidate Starts for Pharsalus_36:

(Start: 209 @32638 has 127 MA's), (229, 32677), (244, 32707), (255, 32728), (274, 32764), (288, 32794), (327, 32869), (352, 32917), (355, 32920), (365, 32944), (367, 32947), (378, 32962), (443, 33133), (494, 33247), (501, 33262), (504, 33268), (582, 33310), (584, 33313), (612, 33367), (646, 33445), (662, 33478),

Gene: Phasih_32 Start: 28074, Stop: 29075, Start Num: 164

Candidate Starts for Phasih_32:

(35, 27453), (41, 27531), (45, 27594), (53, 27633), (70, 27786), (79, 27822), (Start: 164 @28074 has 214 MA's), (Start: 175 @28095 has 331 MA's), (182, 28107), (Start: 203 @28149 has 2 MA's), (243, 28212), (254, 28233), (271, 28263), (Start: 297 @28317 has 1 MA's), (Start: 313 @28341 has 1 MA's), (339, 28368), (389, 28479), (440, 28593), (446, 28611), (464, 28650), (474, 28674), (487, 28710), (502, 28737), (521, 28776), (552, 28824), (570, 28884), (603, 28944), (630, 29001), (644, 29031),

Gene: PhatBacter_35 Start: 31886, Stop: 32743, Start Num: 209

Candidate Starts for PhatBacter_35:

(Start: 209 @31886 has 127 MA's), (229, 31925), (244, 31955), (255, 31976), (274, 32012), (288, 32042), (327, 32117), (352, 32165), (355, 32168), (365, 32192), (367, 32195), (378, 32210), (443, 32381), (488, 32480), (494, 32495), (501, 32510), (504, 32516), (582, 32558), (584, 32561), (612, 32615), (646, 32693), (662, 32726),

Gene: PhatCats2014_50 Start: 41854, Stop: 43209, Start Num: 89

Candidate Starts for PhatCats2014_50:

(Start: 89 @41854 has 280 MA's), (Start: 105 @41905 has 11 MA's), (119, 41938), (185, 42067), (186, 42070), (194, 42085), (249, 42181), (273, 42220), (287, 42250), (300, 42286), (354, 42397), (365, 42427), (367, 42430), (397, 42496), (457, 42655), (477, 42703), (481, 42721), (504, 42769), (566, 42913), (588, 42973), (628, 43078), (671, 43165),

Gene: PhatLouie_49 Start: 41708, Stop: 43063, Start Num: 89

Candidate Starts for PhatLouie_49:

(Start: 89 @41708 has 280 MA's), (Start: 105 @41759 has 11 MA's), (119, 41792), (185, 41921), (186, 41924), (194, 41939), (249, 42035), (273, 42074), (287, 42104), (300, 42140), (354, 42251), (365, 42281), (367, 42284), (397, 42350), (457, 42509), (477, 42557), (481, 42575), (504, 42623), (566, 42767), (588, 42827), (628, 42932), (671, 43019),

Gene: Phatniss_32 Start: 28016, Stop: 29017, Start Num: 164

Candidate Starts for Phatniss_32:

(79, 27764), (119, 27917), (Start: 164 @28016 has 214 MA's), (Start: 175 @28037 has 331 MA's), (182, 28049), (Start: 203 @28091 has 2 MA's), (243, 28154), (254, 28175), (271, 28205), (Start: 297 @28259 has 1 MA's), (Start: 313 @28283 has 1 MA's), (339, 28310), (389, 28421), (440, 28535), (446, 28553), (464, 28592), (474, 28616), (487, 28652), (502, 28679), (521, 28718), (552, 28766), (570, 28826), (603, 28886), (630, 28943), (644, 28973),

Gene: Phaux_34 Start: 31884, Stop: 32741, Start Num: 209

Candidate Starts for Phaux_34:

(Start: 209 @31884 has 127 MA's), (229, 31923), (244, 31953), (255, 31974), (274, 32010), (288, 32040), (327, 32115), (352, 32163), (355, 32166), (365, 32190), (367, 32193), (378, 32208), (443, 32379), (488, 32478), (494, 32493), (501, 32508), (504, 32514), (582, 32556), (584, 32559), (612, 32613), (646, 32691), (662, 32724),

Gene: Phayeta_48 Start: 41401, Stop: 42465, Start Num: 151

Candidate Starts for Phayeta_48:

(Start: 151 @41401 has 50 MA's), (184, 41464), (236, 41545), (271, 41611), (279, 41626), (288, 41638), (298, 41665), (343, 41722), (346, 41731), (413, 41878), (419, 41893), (439, 41947), (452, 41980), (467, 42019), (475, 42031), (518, 42112), (533, 42130), (535, 42133), (552, 42178), (596, 42289), (649, 42400), (658, 42421), (673, 42454),

Gene: Phegasus_27 Start: 24058, Stop: 25224, Start Num: 110

Candidate Starts for Phegasus_27:

(Start: 110 @24058 has 51 MA's), (134, 24115), (178, 24202), (207, 24247), (249, 24322), (264, 24343), (300, 24427), (327, 24466), (354, 24532), (365, 24562), (379, 24583), (397, 24628), (434, 24724), (447, 24763), (461, 24778), (477, 24817), (517, 24904), (524, 24922), (531, 24928), (571, 24976), (588, 24997), (621, 25069), (651, 25144),

Gene: Phelipe_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Phelipe_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: PhelpsODU_31 Start: 25890, Stop: 26633, Start Num: 226

Candidate Starts for PhelpsODU_31:

(Start: 209 @25863 has 127 MA's), (Start: 226 @25890 has 29 MA's), (251, 25932), (255, 25938), (275, 25974), (300, 26022), (307, 26031), (327, 26067), (346, 26109), (397, 26217), (465, 26352), (476, 26367), (478, 26379), (489, 26400), (511, 26418), (559, 26424), (625, 26502), (657, 26583), (671, 26604), (674, 26613),

Gene: PhenghisKhan_48 Start: 41329, Stop: 42684, Start Num: 89

Candidate Starts for PhenghisKhan_48:

(Start: 89 @41329 has 280 MA's), (Start: 105 @41380 has 11 MA's), (119, 41413), (185, 41542), (186, 41545), (194, 41560), (249, 41656), (273, 41695), (287, 41725), (300, 41761), (354, 41872), (365, 41902), (367, 41905), (397, 41971), (457, 42130), (477, 42178), (481, 42196), (504, 42244), (566, 42388), (588, 42448), (628, 42553), (671, 42640),

Gene: Pherdinand_50 Start: 41845, Stop: 43221, Start Num: 89

Candidate Starts for Pherdinand_50:

(Start: 89 @41845 has 280 MA's), (Start: 105 @41896 has 11 MA's), (119, 41929), (185, 42058), (186, 42061), (194, 42076), (249, 42172), (273, 42211), (287, 42241), (300, 42277), (354, 42388), (365, 42418), (367, 42421), (397, 42487), (457, 42646), (477, 42694), (481, 42712), (504, 42760), (566, 42925), (588, 42985), (628, 43090), (671, 43177),

Gene: Phergie_49 Start: 41321, Stop: 42676, Start Num: 89

Candidate Starts for Phergie_49:

(Start: 89 @41321 has 280 MA's), (Start: 105 @41372 has 11 MA's), (119, 41405), (185, 41534), (186, 41537), (194, 41552), (249, 41648), (273, 41687), (287, 41717), (300, 41753), (354, 41864), (365, 41894), (367, 41897), (397, 41963), (457, 42122), (477, 42170), (481, 42188), (504, 42236), (566, 42380), (588, 42440), (628, 42545), (671, 42632),

Gene: PherrisBueller_11 Start: 5911, Stop: 6879, Start Num: 175

Candidate Starts for PherrisBueller_11:

(Start: 175 @5911 has 331 MA's), (Start: 191 @5944 has 6 MA's), (Start: 202 @5962 has 32 MA's), (Start: 203 @5965 has 2 MA's), (331, 6154), (366, 6232), (389, 6283), (396, 6295), (430, 6370), (455, 6433), (468, 6466), (474, 6478), (479, 6496), (487, 6514), (500, 6538), (521, 6577), (563, 6658), (570, 6682), (571, 6685), (572, 6688), (581, 6697), (624, 6784), (663, 6871),

Gene: PhesterPhotato_31 Start: 27551, Stop: 28552, Start Num: 164

Candidate Starts for PhesterPhotato_31:

(Start: 164 @27551 has 214 MA's), (Start: 175 @27572 has 331 MA's), (182, 27584), (Start: 203 @27626 has 2 MA's), (243, 27689), (254, 27710), (271, 27740), (Start: 297 @27794 has 1 MA's), (Start: 313 @27818 has 1 MA's), (339, 27845), (389, 27956), (440, 28070), (446, 28088), (464, 28127), (474, 28151), (487, 28187), (502, 28214), (521, 28253), (552, 28301), (570, 28361), (596, 28409), (630, 28478), (644, 28508),

Gene: Phighter1804_10 Start: 5857, Stop: 6837, Start Num: 177

Candidate Starts for Phighter1804_10:

(Start: 177 @5857 has 116 MA's), (190, 5884), (Start: 202 @5905 has 32 MA's), (Start: 203 @5908 has 2 MA's), (362, 6157), (389, 6214), (396, 6226), (420, 6277), (432, 6298), (439, 6319), (450, 6346), (468, 6373), (479, 6403), (550, 6553), (598, 6676), (607, 6688), (639, 6754),

Gene: Philly_46 Start: 41387, Stop: 42451, Start Num: 151

Candidate Starts for Philly_46:

(Start: 151 @41387 has 50 MA's), (184, 41450), (236, 41531), (271, 41597), (279, 41612), (288, 41624), (298, 41651), (343, 41708), (346, 41717), (413, 41864), (419, 41879), (439, 41933), (452, 41966), (467, 42005), (475, 42017), (518, 42098), (533, 42116), (535, 42119), (552, 42164), (596, 42275), (649, 42386), (658, 42407), (673, 42440),

Gene: Philus_31 Start: 27593, Stop: 28594, Start Num: 164

Candidate Starts for Philus_31:

(Start: 164 @27593 has 214 MA's), (Start: 203 @27668 has 2 MA's), (222, 27701), (243, 27731), (254, 27752), (271, 27782), (278, 27794), (Start: 297 @27836 has 1 MA's), (Start: 313 @27860 has 1 MA's), (331, 27875), (339, 27887), (389, 27998), (440, 28112), (446, 28130), (464, 28169), (474, 28193), (487, 28229), (521, 28295), (570, 28403), (596, 28451), (603, 28463), (625, 28508), (630, 28520), (644, 28550),

Gene: PhineBark_8 Start: 5489, Stop: 6457, Start Num: 175

Candidate Starts for PhineBark_8:

(Start: 175 @5489 has 331 MA's), (Start: 191 @5522 has 6 MA's), (Start: 202 @5540 has 32 MA's), (Start: 203 @5543 has 2 MA's), (366, 5810), (378, 5828), (389, 5861), (396, 5873), (430, 5948), (455, 6011), (465, 6035), (479, 6074), (487, 6092), (521, 6155), (563, 6236), (570, 6260), (571, 6263), (572, 6266), (581, 6275), (644, 6407), (663, 6449),

Gene: Phineas_27 Start: 24423, Stop: 25589, Start Num: 110

Candidate Starts for Phineas_27:

(Start: 110 @24423 has 51 MA's), (134, 24480), (178, 24567), (207, 24612), (249, 24687), (264, 24708), (300, 24792), (327, 24831), (354, 24897), (365, 24927), (379, 24948), (397, 24993), (434, 25089), (447, 25128), (461, 25143), (477, 25182), (517, 25269), (524, 25287), (531, 25293), (571, 25341), (588, 25362), (621, 25434), (651, 25509),

Gene: Phipps_49 Start: 41685, Stop: 43040, Start Num: 89

Candidate Starts for Phipps_49:

(Start: 89 @41685 has 280 MA's), (Start: 105 @41736 has 11 MA's), (119, 41769), (185, 41898), (186, 41901), (194, 41916), (249, 42012), (273, 42051), (287, 42081), (300, 42117), (354, 42228), (365, 42258), (367, 42261), (397, 42327), (457, 42486), (477, 42534), (481, 42552), (504, 42600), (566, 42744), (588, 42804), (628, 42909), (671, 42996),

Gene: Phish_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Phish_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: PhishRPhriends_11 Start: 5224, Stop: 6189, Start Num: 166

Candidate Starts for PhishRPhriends_11:

(Start: 166 @5224 has 96 MA's), (Start: 203 @5290 has 2 MA's), (241, 5344), (291, 5422), (362, 5545), (389, 5602), (430, 5674), (444, 5713), (452, 5731), (479, 5800), (546, 5917), (552, 5944), (571, 6007), (620, 6097), (622, 6103),

Gene: Phlegm_257 Start: 145199, Stop: 146227, Start Num: 158

Candidate Starts for Phlegm_257:

(Start: 158 @145199 has 220 MA's), (Start: 175 @145229 has 331 MA's), (182, 145241), (Start: 203 @145283 has 2 MA's), (243, 145346), (254, 145367), (Start: 297 @145451 has 1 MA's), (331, 145493), (339, 145505), (346, 145520), (378, 145589), (389, 145616), (414, 145670), (427, 145715), (428, 145718), (460, 145796), (468, 145817), (521, 145928), (565, 146018), (570, 146036), (611,

146108), (625, 146141),

Gene: Phleuron_48 Start: 41326, Stop: 42681, Start Num: 89

Candidate Starts for Phleuron_48:

(Start: 89 @41326 has 280 MA's), (Start: 105 @41377 has 11 MA's), (119, 41410), (185, 41539), (186, 41542), (194, 41557), (249, 41653), (273, 41692), (287, 41722), (300, 41758), (354, 41869), (365, 41899), (367, 41902), (397, 41968), (457, 42127), (477, 42175), (481, 42193), (504, 42241), (566, 42385), (588, 42445), (628, 42550), (671, 42637),

Gene: PhlipPhlop_32 Start: 29131, Stop: 30132, Start Num: 164

Candidate Starts for PhlipPhlop_32:

(Start: 164 @29131 has 214 MA's), (Start: 203 @29206 has 2 MA's), (222, 29239), (243, 29269), (254, 29290), (271, 29320), (278, 29332), (Start: 297 @29374 has 1 MA's), (Start: 313 @29398 has 1 MA's), (331, 29413), (339, 29425), (389, 29536), (440, 29650), (446, 29668), (464, 29707), (474, 29731), (487, 29767), (521, 29833), (570, 29941), (596, 29989), (603, 30001), (625, 30046), (630, 30058), (644, 30088),

Gene: Phlippers_9 Start: 5960, Stop: 6928, Start Num: 175

Candidate Starts for Phlippers_9:

(Start: 175 @5960 has 331 MA's), (Start: 191 @5993 has 6 MA's), (Start: 202 @6011 has 32 MA's), (Start: 203 @6014 has 2 MA's), (366, 6281), (389, 6332), (396, 6344), (430, 6419), (455, 6482), (461, 6494), (468, 6515), (474, 6527), (479, 6545), (487, 6563), (500, 6587), (521, 6626), (563, 6707), (570, 6731), (571, 6734), (572, 6737), (581, 6746), (624, 6833), (663, 6920),

Gene: Phloodle_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Phloodle_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (477, 26011), (483, 26032), (501, 26071), (504, 26077),

Gene: Phlyer_47 Start: 42275, Stop: 43339, Start Num: 151

Candidate Starts for Phlyer_47:

(Start: 151 @42275 has 50 MA's), (184, 42338), (236, 42419), (271, 42485), (279, 42500), (288, 42512), (298, 42539), (343, 42596), (346, 42605), (413, 42752), (419, 42767), (439, 42821), (452, 42854), (467, 42893), (475, 42905), (518, 42986), (533, 43004), (535, 43007), (596, 43163), (649, 43274), (658, 43295), (673, 43328),

Gene: Phoebe_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Phoebe_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Phoebus_48 Start: 42862, Stop: 43734, Start Num: 202

Candidate Starts for Phoebus_48:

(Start: 202 @42862 has 32 MA's), (Start: 218 @42889 has 1 MA's), (251, 42949), (278, 42997), (308, 43063), (327, 43084), (342, 43105), (364, 43159), (400, 43240), (522, 43519), (524, 43522), (545, 43546), (579, 43582), (590, 43597), (593, 43609), (601, 43630),

Gene: Phontbonne_10 Start: 5822, Stop: 6805, Start Num: 175

Candidate Starts for Phontbonne_10:

(Start: 175 @5822 has 331 MA's), (Start: 202 @5873 has 32 MA's), (Start: 203 @5876 has 2 MA's), (293, 6011), (302, 6035), (362, 6125), (389, 6182), (420, 6245), (432, 6266), (439, 6287), (450, 6314),

(479, 6371), (550, 6521), (598, 6644), (607, 6656), (655, 6767),

Gene: Phox_253 Start: 144448, Stop: 145476, Start Num: 158

Candidate Starts for Phox_253:

(Start: 158 @144448 has 220 MA's), (Start: 175 @144478 has 331 MA's), (182, 144490), (Start: 203 @144532 has 2 MA's), (243, 144595), (254, 144616), (Start: 297 @144700 has 1 MA's), (331, 144742), (339, 144754), (346, 144769), (378, 144838), (389, 144865), (414, 144919), (427, 144964), (428, 144967), (460, 145045), (468, 145066), (521, 145177), (565, 145267), (570, 145285), (611, 145357), (625, 145390),

Gene: Phoxy_12 Start: 6046, Stop: 7011, Start Num: 166

Candidate Starts for Phoxy_12:

(Start: 166 @6046 has 96 MA's), (Start: 191 @6091 has 6 MA's), (Start: 203 @6112 has 2 MA's), (280, 6232), (362, 6370), (389, 6427), (398, 6442), (439, 6523), (444, 6538), (452, 6556), (474, 6607), (479, 6625), (502, 6670), (552, 6766), (571, 6829), (593, 6868), (620, 6919),

Gene: Phrank_31 Start: 25840, Stop: 26583, Start Num: 226

Candidate Starts for Phrank_31:

(Start: 209 @25813 has 127 MA's), (Start: 226 @25840 has 29 MA's), (240, 25858), (251, 25882), (255, 25888), (275, 25924), (300, 25972), (307, 25981), (327, 26017), (346, 26059), (397, 26167), (465, 26302), (476, 26317), (478, 26329), (489, 26350), (509, 26365), (511, 26368), (559, 26374), (625, 26452), (657, 26533), (671, 26554), (674, 26563),

Gene: PhrankReynolds_47 Start: 41326, Stop: 42681, Start Num: 89

Candidate Starts for PhrankReynolds_47:

(Start: 89 @41326 has 280 MA's), (Start: 105 @41377 has 11 MA's), (119, 41410), (185, 41539), (186, 41542), (194, 41557), (249, 41653), (273, 41692), (287, 41722), (300, 41758), (354, 41869), (365, 41899), (367, 41902), (397, 41968), (457, 42127), (477, 42175), (481, 42193), (504, 42241), (566, 42385), (588, 42445), (628, 42550), (671, 42637),

Gene: Phrann_26 Start: 23199, Stop: 24365, Start Num: 110

Candidate Starts for Phrann_26:

(Start: 110 @23199 has 51 MA's), (134, 23256), (178, 23343), (207, 23388), (249, 23463), (264, 23484), (300, 23568), (327, 23607), (354, 23673), (365, 23703), (379, 23724), (397, 23769), (434, 23865), (447, 23904), (461, 23919), (465, 23931), (477, 23958), (517, 24045), (524, 24063), (531, 24069), (582, 24129), (621, 24210), (651, 24285), (674, 24327), (677, 24348), (679, 24354),

Gene: Phranny_13 Start: 6031, Stop: 6996, Start Num: 166

Candidate Starts for Phranny_13:

(Start: 166 @6031 has 96 MA's), (Start: 203 @6097 has 2 MA's), (241, 6151), (291, 6229), (362, 6352), (389, 6409), (430, 6481), (444, 6520), (452, 6538), (479, 6607), (546, 6724), (552, 6751), (571, 6814), (620, 6904), (622, 6910),

Gene: Phreak_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Phreak_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: PhrodoBaggins_49 Start: 41833, Stop: 43188, Start Num: 89

Candidate Starts for PhrodoBaggins_49:

(Start: 89 @41833 has 280 MA's), (Start: 105 @41884 has 11 MA's), (119, 41917), (185, 42046), (186, 42049), (194, 42064), (249, 42160), (273, 42199), (287, 42229), (300, 42265), (354, 42376), (365, 42406), (367, 42409), (397, 42475), (457, 42634), (477, 42682), (481, 42700), (504, 42748), (566, 42892), (588, 42952), (628, 43057), (671, 43144),

Gene: PhrostyMug_10 Start: 6057, Stop: 7025, Start Num: 175

Candidate Starts for PhrostyMug_10:

(Start: 175 @6057 has 331 MA's), (Start: 191 @6090 has 6 MA's), (Start: 202 @6108 has 32 MA's), (Start: 203 @6111 has 2 MA's), (366, 6378), (389, 6429), (396, 6441), (430, 6516), (455, 6579), (461, 6591), (468, 6612), (474, 6624), (479, 6642), (487, 6660), (500, 6684), (521, 6723), (563, 6804), (570, 6828), (571, 6831), (572, 6834), (581, 6843), (624, 6930), (663, 7017),

Gene: Phrux_35 Start: 31599, Stop: 32456, Start Num: 209

Candidate Starts for Phrux_35:

(Start: 209 @31599 has 127 MA's), (229, 31638), (244, 31668), (255, 31689), (274, 31725), (288, 31755), (327, 31830), (352, 31878), (355, 31881), (365, 31905), (367, 31908), (378, 31923), (443, 32094), (488, 32193), (494, 32208), (501, 32223), (504, 32229), (582, 32271), (584, 32274), (612, 32328), (646, 32406), (662, 32439),

Gene: Phunky_49 Start: 41702, Stop: 43057, Start Num: 89

Candidate Starts for Phunky_49:

(Start: 89 @41702 has 280 MA's), (Start: 105 @41753 has 11 MA's), (119, 41786), (185, 41915), (186, 41918), (194, 41933), (249, 42029), (273, 42068), (287, 42098), (300, 42134), (354, 42245), (365, 42275), (367, 42278), (397, 42344), (457, 42503), (477, 42551), (481, 42569), (504, 42617), (566, 42761), (588, 42821), (628, 42926), (671, 43013),

Gene: Phusco_251 Start: 144031, Stop: 145059, Start Num: 158

Candidate Starts for Phusco_251:

(Start: 158 @144031 has 220 MA's), (Start: 175 @144061 has 331 MA's), (182, 144073), (Start: 203 @144115 has 2 MA's), (243, 144178), (254, 144199), (Start: 297 @144283 has 1 MA's), (331, 144325), (339, 144337), (346, 144352), (378, 144421), (389, 144448), (414, 144502), (427, 144547), (428, 144550), (460, 144628), (468, 144649), (521, 144760), (565, 144850), (570, 144868), (611, 144940), (625, 144973),

Gene: Piatt_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Piatt_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Pier_251 Start: 145324, Stop: 146352, Start Num: 158

Candidate Starts for Pier_251:

(Start: 158 @145324 has 220 MA's), (Start: 175 @145354 has 331 MA's), (182, 145366), (Start: 203 @145408 has 2 MA's), (243, 145471), (254, 145492), (Start: 297 @145576 has 1 MA's), (331, 145618), (339, 145630), (346, 145645), (378, 145714), (389, 145741), (414, 145795), (427, 145840), (428, 145843), (460, 145921), (468, 145942), (521, 146053), (565, 146143), (570, 146161), (611, 146233), (625, 146266),

Gene: Piglet_0049 Start: 41827, Stop: 43182, Start Num: 89

Candidate Starts for Piglet_0049:

(Start: 89 @41827 has 280 MA's), (Start: 105 @41878 has 11 MA's), (119, 41911), (185, 42040), (186, 42043), (194, 42058), (249, 42154), (273, 42193), (287, 42223), (300, 42259), (354, 42370), (365, 42400), (367, 42403), (397, 42469), (457, 42628), (477, 42676), (481, 42694), (504, 42742), (566, 42886), (588, 42946), (628, 43051), (671, 43138),

Gene: PinheadLarry_49 Start: 41415, Stop: 42770, Start Num: 89

Candidate Starts for PinheadLarry_49:

(Start: 89 @41415 has 280 MA's), (Start: 105 @41466 has 11 MA's), (119, 41499), (185, 41628), (186, 41631), (194, 41646), (249, 41742), (273, 41781), (287, 41811), (300, 41847), (354, 41958), (365, 41988), (367, 41991), (397, 42057), (457, 42216), (477, 42264), (481, 42282), (504, 42330), (566, 42474), (588, 42534), (628, 42639), (671, 42726),

Gene: PinkPlastic_8 Start: 5490, Stop: 6458, Start Num: 175

Candidate Starts for PinkPlastic_8:

(Start: 175 @5490 has 331 MA's), (Start: 191 @5523 has 6 MA's), (Start: 202 @5541 has 32 MA's), (Start: 203 @5544 has 2 MA's), (366, 5811), (389, 5862), (396, 5874), (430, 5949), (455, 6012), (461, 6024), (468, 6045), (474, 6057), (479, 6075), (487, 6093), (500, 6117), (521, 6156), (563, 6237), (570, 6261), (571, 6264), (572, 6267), (581, 6276), (624, 6363), (663, 6450),

Gene: PinkYoshi_28 Start: 25192, Stop: 26400, Start Num: 96

Candidate Starts for PinkYoshi_28:

(72, 25099), (Start: 96 @25192 has 92 MA's), (168, 25366), (211, 25438), (273, 25537), (278, 25546), (288, 25570), (293, 25579), (300, 25603), (310, 25624), (327, 25651), (334, 25663), (361, 25735), (381, 25774), (461, 25963), (470, 25987), (477, 26002), (483, 26023), (504, 26068), (506, 26071), (541, 26122),

Gene: Pinkcreek_232 Start: 141680, Stop: 142678, Start Num: 175

Candidate Starts for Pinkcreek_232:

(Start: 158 @141650 has 220 MA's), (Start: 175 @141680 has 331 MA's), (Start: 203 @141734 has 2 MA's), (243, 141797), (254, 141818), (Start: 297 @141902 has 1 MA's), (331, 141944), (339, 141956), (346, 141971), (378, 142040), (389, 142067), (414, 142121), (427, 142166), (428, 142169), (460, 142247), (468, 142268), (521, 142379), (565, 142469), (570, 142487), (611, 142559), (625, 142592),

Gene: Pinkman_48 Start: 41264, Stop: 42619, Start Num: 89

Candidate Starts for Pinkman_48:

(Start: 89 @41264 has 280 MA's), (Start: 105 @41315 has 11 MA's), (119, 41348), (185, 41477), (186, 41480), (194, 41495), (249, 41591), (273, 41630), (287, 41660), (300, 41696), (354, 41807), (365, 41837), (367, 41840), (397, 41906), (457, 42065), (477, 42113), (481, 42131), (504, 42179), (566, 42323), (588, 42383), (628, 42488), (671, 42575),

Gene: Pinto_12 Start: 6133, Stop: 7101, Start Num: 175

Candidate Starts for Pinto_12:

(Start: 175 @6133 has 331 MA's), (Start: 191 @6166 has 6 MA's), (Start: 202 @6184 has 32 MA's), (Start: 203 @6187 has 2 MA's), (366, 6454), (389, 6505), (396, 6517), (430, 6592), (455, 6655), (468, 6688), (474, 6700), (479, 6718), (487, 6736), (500, 6760), (521, 6799), (563, 6880), (570, 6904), (571, 6907), (572, 6910), (581, 6919), (624, 7006), (663, 7093),

Gene: Pio_259 Start: 146527, Stop: 147555, Start Num: 158

Candidate Starts for Pio_259:

(Start: 158 @146527 has 220 MA's), (Start: 175 @146557 has 331 MA's), (182, 146569), (Start: 203 @146611 has 2 MA's), (243, 146674), (254, 146695), (Start: 297 @146779 has 1 MA's), (331, 146821), (339, 146833), (346, 146848), (378, 146917), (389, 146944), (414, 146998), (427, 147043), (428, 147046), (460, 147124), (468, 147145), (521, 147256), (565, 147346), (570, 147364), (611,

147436), (625, 147469),

Gene: Pipcraft_10 Start: 5884, Stop: 6861, Start Num: 179

Candidate Starts for Pipcraft_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Pipefish_49 Start: 42928, Stop: 43992, Start Num: 151

Candidate Starts for Pipefish_49:

(Start: 151 @42928 has 50 MA's), (184, 42991), (236, 43072), (271, 43138), (279, 43153), (288, 43165), (298, 43192), (343, 43249), (346, 43258), (413, 43405), (419, 43420), (439, 43474), (452, 43507), (467, 43546), (475, 43558), (518, 43639), (533, 43657), (535, 43660), (596, 43816), (649, 43927), (658, 43948), (673, 43981),

Gene: Piper2020_33 Start: 28123, Stop: 29124, Start Num: 164

Candidate Starts for Piper2020_33:

(Start: 164 @28123 has 214 MA's), (Start: 203 @28198 has 2 MA's), (222, 28231), (243, 28261), (254, 28282), (Start: 297 @28366 has 1 MA's), (Start: 313 @28390 has 1 MA's), (331, 28405), (339, 28417), (389, 28528), (440, 28642), (446, 28660), (464, 28699), (474, 28723), (487, 28759), (502, 28786), (521, 28825), (570, 28933), (596, 28981), (630, 29050), (644, 29080),

Gene: Pippin_11 Start: 5832, Stop: 6800, Start Num: 175

Candidate Starts for Pippin_11:

(Start: 175 @5832 has 331 MA's), (Start: 191 @5865 has 6 MA's), (Start: 202 @5883 has 32 MA's), (Start: 203 @5886 has 2 MA's), (366, 6153), (389, 6204), (396, 6216), (430, 6291), (455, 6354), (461, 6366), (468, 6387), (474, 6399), (479, 6417), (487, 6435), (500, 6459), (521, 6498), (563, 6579), (570, 6603), (571, 6606), (572, 6609), (581, 6618), (624, 6705), (663, 6792),

Gene: Pippy_25 Start: 23661, Stop: 24662, Start Num: 164

Candidate Starts for Pippy_25:

(Start: 164 @23661 has 214 MA's), (Start: 203 @23736 has 2 MA's), (243, 23799), (254, 23820), (Start: 297 @23904 has 1 MA's), (Start: 313 @23928 has 1 MA's), (331, 23943), (339, 23955), (389, 24066), (446, 24198), (464, 24237), (474, 24261), (502, 24324), (521, 24363), (630, 24588), (644, 24618),

Gene: Pipsqueak_49 Start: 41709, Stop: 43064, Start Num: 89

Candidate Starts for Pipsqueak_49:

(Start: 89 @41709 has 280 MA's), (Start: 105 @41760 has 11 MA's), (119, 41793), (185, 41922), (186, 41925), (194, 41940), (249, 42036), (273, 42075), (287, 42105), (300, 42141), (354, 42252), (365, 42282), (367, 42285), (397, 42351), (457, 42510), (477, 42558), (481, 42576), (504, 42624), (566, 42768), (588, 42828), (628, 42933), (671, 43020),

Gene: Piro94_12 Start: 6941, Stop: 7918, Start Num: 175

Candidate Starts for Piro94_12:

(Start: 175 @6941 has 331 MA's), (Start: 203 @6995 has 2 MA's), (250, 7052), (344, 7184), (362, 7232), (389, 7289), (407, 7325), (430, 7373), (444, 7412), (475, 7484), (479, 7499), (502, 7544), (513, 7562), (540, 7604), (552, 7652), (559, 7679), (565, 7694), (570, 7712), (571, 7715), (620, 7805),

Gene: Pisa1_30 Start: 26501, Stop: 27361, Start Num: 238

Candidate Starts for Pisa1_30:

(Start: 209 @26462 has 127 MA's), (Start: 227 @26489 has 136 MA's), (Start: 238 @26501 has 1 MA's), (275, 26570), (288, 26597), (300, 26627), (307, 26636), (327, 26672), (332, 26681), (346,

26714), (352, 26732), (397, 26822), (465, 26957), (478, 26984), (489, 27005), (499, 27029), (539, 27080), (596, 27182), (621, 27218), (630, 27242), (674, 27341), (676, 27350),

Gene: Pisa4_30 Start: 26489, Stop: 27361, Start Num: 227

Candidate Starts for Pisa4_30:

(Start: 209 @26462 has 127 MA's), (Start: 227 @26489 has 136 MA's), (Start: 238 @26501 has 1 MA's), (275, 26570), (288, 26597), (300, 26627), (307, 26636), (327, 26672), (332, 26681), (346, 26714), (352, 26732), (397, 26822), (465, 26957), (478, 26984), (489, 27005), (499, 27029), (539, 27080), (596, 27182), (621, 27218), (630, 27242), (674, 27341), (676, 27350),

Gene: Pistachio_11 Start: 5286, Stop: 6026, Start Num: 315

Candidate Starts for Pistachio_11:

(220, 5169), (Start: 315 @5286 has 18 MA's), (362, 5373), (389, 5430), (396, 5442), (398, 5445), (408, 5469), (414, 5484), (427, 5502), (439, 5532), (441, 5538), (444, 5547), (452, 5565), (474, 5616), (479, 5634), (518, 5706), (546, 5748), (552, 5775), (559, 5802), (570, 5835), (571, 5838), (593, 5877), (666, 6018),

Gene: Pita2_12 Start: 6491, Stop: 7459, Start Num: 175

Candidate Starts for Pita2_12:

(Start: 175 @6491 has 331 MA's), (Start: 191 @6524 has 6 MA's), (Start: 202 @6542 has 32 MA's), (Start: 203 @6545 has 2 MA's), (366, 6812), (389, 6863), (396, 6875), (430, 6950), (455, 7013), (461, 7025), (468, 7046), (479, 7076), (487, 7094), (500, 7118), (521, 7157), (563, 7238), (570, 7262), (571, 7265), (572, 7268), (581, 7277), (624, 7364), (644, 7409), (663, 7451),

Gene: Pivoine_253 Start: 144496, Stop: 145524, Start Num: 158

Candidate Starts for Pivoine_253:

(Start: 158 @144496 has 220 MA's), (Start: 175 @144526 has 331 MA's), (182, 144538), (Start: 203 @144580 has 2 MA's), (243, 144643), (254, 144664), (Start: 297 @144748 has 1 MA's), (331, 144790), (339, 144802), (346, 144817), (378, 144886), (389, 144913), (414, 144967), (427, 145012), (428, 145015), (460, 145093), (468, 145114), (521, 145225), (565, 145315), (570, 145333), (611, 145405), (625, 145438),

Gene: Pixie_31 Start: 26938, Stop: 27726, Start Num: 227

Candidate Starts for Pixie_31:

(Start: 209 @26914 has 127 MA's), (Start: 227 @26938 has 136 MA's), (255, 26983), (275, 27019), (300, 27076), (307, 27085), (327, 27121), (352, 27175), (364, 27199), (433, 27340), (478, 27445), (489, 27466), (491, 27472), (499, 27490), (593, 27520), (630, 27589), (659, 27661), (674, 27691),

Gene: Placalicious_48 Start: 41402, Stop: 42757, Start Num: 89

Candidate Starts for Placalicious_48:

(Start: 89 @41402 has 280 MA's), (Start: 105 @41453 has 11 MA's), (119, 41486), (185, 41615), (186, 41618), (194, 41633), (249, 41729), (273, 41768), (287, 41798), (300, 41834), (354, 41945), (365, 41975), (367, 41978), (397, 42044), (457, 42203), (477, 42251), (481, 42269), (504, 42317), (566, 42461), (588, 42521), (628, 42626), (671, 42713),

Gene: Plagueis_28 Start: 25036, Stop: 26244, Start Num: 96

Candidate Starts for Plagueis_28:

(72, 24943), (Start: 96 @25036 has 92 MA's), (168, 25210), (211, 25282), (273, 25381), (278, 25390), (288, 25414), (293, 25423), (300, 25447), (310, 25468), (327, 25495), (334, 25507), (361, 25579), (381, 25618), (461, 25807), (470, 25831), (477, 25846), (483, 25867), (504, 25912), (506, 25915), (541, 25966),

Gene: Plata_49 Start: 41420, Stop: 42775, Start Num: 89

Candidate Starts for Plata_49:

(Start: 89 @41420 has 280 MA's), (Start: 105 @41471 has 11 MA's), (119, 41504), (128, 41522), (185, 41633), (186, 41636), (194, 41651), (249, 41747), (273, 41786), (287, 41816), (300, 41852), (354, 41963), (365, 41993), (367, 41996), (397, 42062), (457, 42221), (477, 42269), (481, 42287), (504, 42335), (566, 42479), (588, 42539), (628, 42644), (671, 42731),

Gene: Pleione_256 Start: 145259, Stop: 146287, Start Num: 158

Candidate Starts for Pleione_256:

(Start: 158 @145259 has 220 MA's), (Start: 175 @145289 has 331 MA's), (182, 145301), (Start: 203 @145343 has 2 MA's), (243, 145406), (254, 145427), (Start: 297 @145511 has 1 MA's), (331, 145553), (339, 145565), (346, 145580), (378, 145649), (389, 145676), (414, 145730), (427, 145775), (428, 145778), (460, 145856), (468, 145877), (521, 145988), (565, 146078), (570, 146096), (611, 146168), (625, 146201),

Gene: Plmatters_49 Start: 41705, Stop: 43060, Start Num: 89

Candidate Starts for Plmatters_49:

(Start: 89 @41705 has 280 MA's), (Start: 105 @41756 has 11 MA's), (119, 41789), (185, 41918), (186, 41921), (194, 41936), (249, 42032), (273, 42071), (287, 42101), (300, 42137), (354, 42248), (365, 42278), (367, 42281), (397, 42347), (457, 42506), (477, 42554), (481, 42572), (504, 42620), (566, 42764), (588, 42824), (628, 42929), (671, 43016),

Gene: Plumbus_33 Start: 27594, Stop: 28595, Start Num: 164

Candidate Starts for Plumbus_33:

(35, 26973), (41, 27051), (45, 27114), (53, 27153), (70, 27306), (79, 27342), (Start: 164 @27594 has 214 MA's), (Start: 203 @27669 has 2 MA's), (222, 27702), (243, 27732), (254, 27753), (271, 27783), (278, 27795), (Start: 297 @27837 has 1 MA's), (Start: 313 @27861 has 1 MA's), (331, 27876), (339, 27888), (389, 27999), (440, 28113), (446, 28131), (464, 28170), (474, 28194), (487, 28230), (502, 28257), (521, 28296), (570, 28404), (603, 28464), (630, 28521), (644, 28551),

Gene: Pocahontas_11 Start: 6049, Stop: 7014, Start Num: 166

Candidate Starts for Pocahontas_11:

(Start: 166 @6049 has 96 MA's), (Start: 191 @6094 has 6 MA's), (Start: 203 @6115 has 2 MA's), (280, 6235), (293, 6250), (Start: 326 @6289 has 2 MA's), (362, 6373), (389, 6430), (398, 6445), (439, 6526), (444, 6541), (452, 6559), (474, 6610), (479, 6628), (502, 6673), (552, 6769), (571, 6832), (593, 6871), (620, 6922),

Gene: Podrick_49 Start: 41696, Stop: 43051, Start Num: 89

Candidate Starts for Podrick_49:

(Start: 89 @41696 has 280 MA's), (Start: 105 @41747 has 11 MA's), (119, 41780), (185, 41909), (186, 41912), (194, 41927), (249, 42023), (273, 42062), (287, 42092), (300, 42128), (354, 42239), (365, 42269), (367, 42272), (397, 42338), (457, 42497), (477, 42545), (481, 42563), (504, 42611), (566, 42755), (588, 42815), (628, 42920), (671, 43007),

Gene: Poenanya_31 Start: 27641, Stop: 28642, Start Num: 164

Candidate Starts for Poenanya_31:

(100, 27479), (Start: 164 @27641 has 214 MA's), (Start: 203 @27716 has 2 MA's), (222, 27749), (243, 27779), (254, 27800), (271, 27830), (278, 27842), (Start: 297 @27884 has 1 MA's), (Start: 313 @27908 has 1 MA's), (331, 27923), (339, 27935), (389, 28046), (440, 28160), (446, 28178), (464, 28217), (474, 28241), (487, 28277), (502, 28304), (521, 28343), (552, 28391), (570, 28451), (596, 28499), (603, 28511), (625, 28556), (630, 28568), (644, 28598),

Gene: Pokerus_30 Start: 26411, Stop: 27283, Start Num: 227

Candidate Starts for Pokerus_30:

(Start: 209 @26384 has 127 MA's), (Start: 227 @26411 has 136 MA's), (Start: 238 @26423 has 1 MA's), (275, 26492), (288, 26519), (300, 26549), (307, 26558), (327, 26594), (332, 26603), (346, 26636), (352, 26654), (367, 26684), (397, 26744), (465, 26879), (478, 26906), (489, 26927), (499, 26951), (539, 27002), (596, 27104), (621, 27140), (630, 27164), (674, 27263), (676, 27272),

Gene: Policronamos_35 Start: 31884, Stop: 32741, Start Num: 209

Candidate Starts for Policronamos_35:

(Start: 209 @31884 has 127 MA's), (229, 31923), (244, 31953), (255, 31974), (274, 32010), (288, 32040), (327, 32115), (352, 32163), (355, 32166), (365, 32190), (367, 32193), (378, 32208), (443, 32379), (488, 32478), (494, 32493), (501, 32508), (504, 32514), (582, 32556), (584, 32559), (612, 32613), (646, 32691), (662, 32724),

Gene: Polka14_32 Start: 28140, Stop: 29141, Start Num: 164

Candidate Starts for Polka14_32:

(100, 27978), (Start: 164 @28140 has 214 MA's), (Start: 203 @28215 has 2 MA's), (222, 28248), (243, 28278), (254, 28299), (271, 28329), (278, 28341), (Start: 297 @28383 has 1 MA's), (Start: 313 @28407 has 1 MA's), (331, 28422), (339, 28434), (389, 28545), (440, 28659), (446, 28677), (464, 28716), (474, 28740), (487, 28776), (502, 28803), (521, 28842), (552, 28890), (570, 28950), (596, 28998), (603, 29010), (625, 29055), (630, 29067), (644, 29097),

Gene: Polkaroo_27 Start: 24068, Stop: 25234, Start Num: 110

Candidate Starts for Polkaroo_27:

(Start: 110 @24068 has 51 MA's), (134, 24125), (178, 24212), (207, 24257), (249, 24332), (264, 24353), (300, 24437), (327, 24476), (354, 24542), (365, 24572), (379, 24593), (397, 24638), (434, 24734), (447, 24773), (461, 24788), (465, 24800), (477, 24827), (517, 24914), (524, 24932), (531, 24938), (571, 24986), (621, 25079), (651, 25154),

Gene: Pollywog_31 Start: 27849, Stop: 28850, Start Num: 164

Candidate Starts for Pollywog_31:

(Start: 164 @27849 has 214 MA's), (Start: 203 @27924 has 2 MA's), (222, 27957), (243, 27987), (254, 28008), (271, 28038), (278, 28050), (Start: 297 @28092 has 1 MA's), (339, 28143), (346, 28158), (389, 28254), (439, 28365), (446, 28386), (464, 28425), (468, 28437), (487, 28485), (502, 28512), (516, 28536), (521, 28551), (570, 28659), (596, 28707), (630, 28776), (644, 28806),

Gene: Polo2Bam_35 Start: 27698, Stop: 28699, Start Num: 164

Candidate Starts for Polo2Bam_35:

(Start: 164 @27698 has 214 MA's), (Start: 203 @27773 has 2 MA's), (222, 27806), (243, 27836), (254, 27857), (Start: 297 @27941 has 1 MA's), (Start: 313 @27965 has 1 MA's), (331, 27980), (339, 27992), (389, 28103), (440, 28217), (446, 28235), (464, 28274), (474, 28298), (487, 28334), (502, 28361), (521, 28400), (552, 28448), (570, 28508), (596, 28556), (603, 28568), (625, 28613), (630, 28625), (644, 28655),

Gene: Polymorphads_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Polymorphads_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (Start: 203 @5932 has 2 MA's), (293, 6067), (302, 6091), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Pomar16_14 Start: 6638, Stop: 7402, Start Num: 311

Candidate Starts for Pomar16_14:

(Start: 311 @6638 has 12 MA's), (389, 6782), (430, 6869), (440, 6896), (444, 6908), (479, 6995), (552, 7136), (570, 7196), (571, 7199), (592, 7235), (620, 7289), (640, 7337),

Gene: Poochiewood_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for Poochiewood_26:

(Start: 169 @25547 has 29 MA's), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (322, 25823), (333, 25838), (352, 25886), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: Poompha_9 Start: 3780, Stop: 4754, Start Num: 175

Candidate Starts for Poompha_9:

(152, 3741), (Start: 175 @3780 has 331 MA's), (Start: 191 @3813 has 6 MA's), (Start: 203 @3834 has 2 MA's), (Start: 315 @4002 has 18 MA's), (339, 4044), (344, 4059), (389, 4164), (430, 4236), (440, 4263), (441, 4266), (444, 4275), (479, 4362), (552, 4509), (571, 4572), (593, 4611), (618, 4653),

Gene: PopTart_31 Start: 27830, Stop: 28831, Start Num: 164

Candidate Starts for PopTart_31:

(Start: 164 @27830 has 214 MA's), (Start: 203 @27905 has 2 MA's), (222, 27938), (243, 27968), (254, 27989), (Start: 297 @28073 has 1 MA's), (Start: 313 @28097 has 1 MA's), (331, 28112), (339, 28124), (389, 28235), (446, 28367), (464, 28406), (474, 28430), (487, 28466), (502, 28493), (521, 28532), (570, 28640), (603, 28700), (625, 28745), (630, 28757), (644, 28787),

Gene: Popcicle_11 Start: 6049, Stop: 7014, Start Num: 166

Candidate Starts for Popcicle_11:

(Start: 166 @6049 has 96 MA's), (Start: 191 @6094 has 6 MA's), (Start: 203 @6115 has 2 MA's), (280, 6235), (293, 6250), (Start: 326 @6289 has 2 MA's), (362, 6373), (389, 6430), (398, 6445), (439, 6526), (444, 6541), (452, 6559), (474, 6610), (479, 6628), (502, 6673), (552, 6769), (571, 6832), (593, 6871), (620, 6922),

Gene: Pops_49 Start: 41720, Stop: 43075, Start Num: 89

Candidate Starts for Pops_49:

(Start: 89 @41720 has 280 MA's), (Start: 105 @41771 has 11 MA's), (119, 41804), (185, 41933), (186, 41936), (194, 41951), (249, 42047), (273, 42086), (287, 42116), (300, 42152), (354, 42263), (365, 42293), (367, 42296), (397, 42362), (457, 42521), (477, 42569), (481, 42587), (504, 42635), (566, 42779), (588, 42839), (628, 42944), (651, 42998), (671, 43031),

Gene: Porcelain_47 Start: 38897, Stop: 39901, Start Num: 103

Candidate Starts for Porcelain_47:

(Start: 103 @38897 has 9 MA's), (130, 38951), (Start: 158 @39002 has 220 MA's), (196, 39074), (244, 39149), (307, 39263), (314, 39275), (332, 39308), (365, 39377), (374, 39389), (380, 39401), (382, 39404), (401, 39449), (407, 39467), (478, 39629), (486, 39644), (490, 39653), (671, 39854),

Gene: Porky_35 Start: 31695, Stop: 32552, Start Num: 209

Candidate Starts for Porky_35:

(Start: 209 @31695 has 127 MA's), (229, 31734), (244, 31764), (255, 31785), (274, 31821), (288, 31851), (327, 31926), (352, 31974), (355, 31977), (365, 32001), (367, 32004), (378, 32019), (443, 32190), (494, 32304), (501, 32319), (504, 32325), (582, 32367), (584, 32370), (612, 32424), (646, 32502), (662, 32535),

Gene: PotatoSplit_13 Start: 5962, Stop: 6927, Start Num: 166

Candidate Starts for PotatoSplit_13:

(Start: 166 @5962 has 96 MA's), (Start: 191 @6007 has 6 MA's), (Start: 203 @6028 has 2 MA's), (280, 6148), (362, 6286), (389, 6343), (398, 6358), (439, 6439), (444, 6454), (452, 6472), (474, 6523), (479,

6541), (502, 6586), (552, 6682), (571, 6745), (593, 6784), (620, 6835),

Gene: Potter_48 Start: 41432, Stop: 42787, Start Num: 89

Candidate Starts for Potter_48:

(Start: 89 @41432 has 280 MA's), (Start: 105 @41483 has 11 MA's), (119, 41516), (128, 41534), (185, 41645), (186, 41648), (194, 41663), (249, 41759), (273, 41798), (287, 41828), (300, 41864), (354, 41975), (365, 42005), (367, 42008), (397, 42074), (457, 42233), (477, 42281), (481, 42299), (504, 42347), (566, 42491), (588, 42551), (628, 42656), (671, 42743),

Gene: Pound_51 Start: 44412, Stop: 45278, Start Num: 202

Candidate Starts for Pound_51:

(Start: 202 @44412 has 32 MA's), (Start: 218 @44439 has 1 MA's), (278, 44547), (288, 44568), (308, 44613), (327, 44634), (342, 44655), (364, 44709), (387, 44760), (407, 44811), (473, 44961), (489, 45003), (517, 45054), (524, 45072), (584, 45138), (591, 45150), (593, 45159), (602, 45189), (633, 45252),

Gene: Power_11 Start: 6372, Stop: 7364, Start Num: 175

Candidate Starts for Power_11:

(Start: 175 @6372 has 331 MA's), (Start: 202 @6423 has 32 MA's), (Start: 203 @6426 has 2 MA's), (222, 6459), (237, 6474), (309, 6594), (331, 6600), (368, 6687), (389, 6732), (450, 6864), (476, 6903), (497, 6951), (542, 7032), (552, 7074), (578, 7158), (580, 7161), (607, 7209), (636, 7275), (669, 7350),

Gene: PowerRanger_10 Start: 6318, Stop: 7286, Start Num: 175

Candidate Starts for PowerRanger_10:

(Start: 175 @6318 has 331 MA's), (Start: 191 @6351 has 6 MA's), (Start: 202 @6369 has 32 MA's), (Start: 203 @6372 has 2 MA's), (366, 6639), (389, 6690), (396, 6702), (430, 6777), (455, 6840), (461, 6852), (468, 6873), (474, 6885), (479, 6903), (487, 6921), (500, 6945), (521, 6984), (563, 7065), (570, 7089), (571, 7092), (572, 7095), (581, 7104), (624, 7191), (644, 7236), (663, 7278),

Gene: Prickles_49 Start: 41696, Stop: 43051, Start Num: 89

Candidate Starts for Prickles_49:

(Start: 89 @41696 has 280 MA's), (Start: 105 @41747 has 11 MA's), (119, 41780), (128, 41798), (185, 41909), (186, 41912), (194, 41927), (249, 42023), (273, 42062), (287, 42092), (300, 42128), (354, 42239), (365, 42269), (367, 42272), (397, 42338), (457, 42497), (477, 42545), (481, 42563), (504, 42611), (566, 42755), (588, 42815), (628, 42920), (651, 42974), (671, 43007),

Gene: Primadonna_248 Start: 144608, Stop: 145636, Start Num: 158

Candidate Starts for Primadonna_248:

(Start: 158 @144608 has 220 MA's), (Start: 175 @144638 has 331 MA's), (182, 144650), (Start: 203 @144692 has 2 MA's), (243, 144755), (254, 144776), (Start: 297 @144860 has 1 MA's), (331, 144902), (339, 144914), (346, 144929), (378, 144998), (389, 145025), (414, 145079), (427, 145124), (428, 145127), (460, 145205), (468, 145226), (521, 145337), (565, 145427), (570, 145445), (611, 145517), (625, 145550),

Gene: Priscilla_31 Start: 27784, Stop: 28785, Start Num: 164

Candidate Starts for Priscilla_31:

(Start: 164 @27784 has 214 MA's), (Start: 203 @27859 has 2 MA's), (222, 27892), (243, 27922), (254, 27943), (271, 27973), (278, 27985), (Start: 297 @28027 has 1 MA's), (Start: 313 @28051 has 1 MA's), (331, 28066), (339, 28078), (389, 28189), (440, 28303), (446, 28321), (464, 28360), (474, 28384), (487, 28420), (521, 28486), (570, 28594), (596, 28642), (603, 28654), (625, 28699), (630, 28711), (644, 28741),

Gene: Prithvi_31 Start: 26427, Stop: 27299, Start Num: 227

Candidate Starts for Prithvi_31:

(Start: 209 @26400 has 127 MA's), (Start: 227 @26427 has 136 MA's), (Start: 238 @26439 has 1 MA's), (275, 26508), (288, 26535), (300, 26565), (307, 26574), (327, 26610), (332, 26619), (346, 26652), (352, 26670), (397, 26760), (465, 26895), (478, 26922), (489, 26943), (499, 26967), (539, 27018), (596, 27120), (621, 27156), (630, 27180), (674, 27279), (676, 27288),

Gene: ProMouse_9 Start: 6454, Stop: 7422, Start Num: 175

Candidate Starts for ProMouse_9:

(Start: 175 @6454 has 331 MA's), (Start: 191 @6487 has 6 MA's), (Start: 202 @6505 has 32 MA's), (Start: 203 @6508 has 2 MA's), (366, 6775), (389, 6826), (396, 6838), (430, 6913), (455, 6976), (468, 7009), (479, 7039), (487, 7057), (521, 7120), (563, 7201), (570, 7225), (571, 7228), (572, 7231), (581, 7240), (624, 7327), (644, 7372), (663, 7414),

Gene: ProfessorX_49 Start: 41697, Stop: 43052, Start Num: 89

Candidate Starts for ProfessorX_49:

(Start: 89 @41697 has 280 MA's), (Start: 105 @41748 has 11 MA's), (119, 41781), (185, 41910), (186, 41913), (194, 41928), (249, 42024), (273, 42063), (287, 42093), (300, 42129), (354, 42240), (365, 42270), (367, 42273), (397, 42339), (457, 42498), (477, 42546), (481, 42564), (504, 42612), (566, 42756), (588, 42816), (628, 42921), (671, 43008),

Gene: Prudy_13 Start: 8237, Stop: 9214, Start Num: 175

Candidate Starts for Prudy_13:

(149, 8195), (Start: 175 @8237 has 331 MA's), (Start: 203 @8291 has 2 MA's), (344, 8480), (348, 8492), (356, 8516), (362, 8528), (389, 8585), (407, 8621), (430, 8669), (444, 8708), (474, 8777), (479, 8795), (513, 8858), (540, 8900), (552, 8948), (559, 8975), (565, 8990), (571, 9011), (592, 9047), (593, 9050), (620, 9101),

Gene: Psycho_31 Start: 27156, Stop: 27917, Start Num: 226

Candidate Starts for Psycho_31:

(196, 27108), (Start: 226 @27156 has 29 MA's), (Start: 238 @27168 has 1 MA's), (242, 27174), (255, 27201), (275, 27237), (302, 27297), (307, 27303), (321, 27333), (327, 27339), (332, 27348), (346, 27381), (364, 27423), (365, 27426), (374, 27438), (390, 27474), (397, 27489), (410, 27525), (465, 27624), (478, 27651), (489, 27672), (596, 27735), (618, 27759), (625, 27783), (651, 27852), (674, 27897), (676, 27906),

Gene: Ptowny_36 Start: 31240, Stop: 32097, Start Num: 209

Candidate Starts for Ptowny_36:

(Start: 209 @31240 has 127 MA's), (229, 31279), (244, 31309), (255, 31330), (274, 31366), (288, 31396), (327, 31471), (352, 31519), (355, 31522), (365, 31546), (367, 31549), (378, 31564), (443, 31735), (488, 31834), (494, 31849), (501, 31864), (504, 31870), (582, 31912), (584, 31915), (612, 31969), (646, 32047), (662, 32080),

Gene: Puhltonio_49 Start: 41706, Stop: 43061, Start Num: 89

Candidate Starts for Puhltonio_49:

(Start: 89 @41706 has 280 MA's), (Start: 105 @41757 has 11 MA's), (119, 41790), (185, 41919), (186, 41922), (194, 41937), (249, 42033), (273, 42072), (287, 42102), (300, 42138), (354, 42249), (365, 42279), (367, 42282), (397, 42348), (457, 42507), (477, 42555), (481, 42573), (504, 42621), (566, 42765), (588, 42825), (628, 42930), (671, 43017),

Gene: Pukovnik_13 Start: 8101, Stop: 9087, Start Num: 175

Candidate Starts for Pukovnik_13:

(Start: 175 @8101 has 331 MA's), (190, 8131), (Start: 203 @8155 has 2 MA's), (388, 8455), (389, 8461), (427, 8536), (432, 8545), (479, 8656), (532, 8752), (550, 8806), (556, 8830), (558, 8836), (572,

8881), (574, 8887), (607, 8941), (612, 8950),

Gene: Pumbaa_10 Start: 5856, Stop: 6836, Start Num: 177

Candidate Starts for Pumbaa_10:

(Start: 177 @5856 has 116 MA's), (190, 5883), (Start: 203 @5907 has 2 MA's), (307, 6072), (362, 6156), (389, 6213), (396, 6225), (420, 6276), (432, 6297), (439, 6318), (450, 6345), (468, 6372), (479, 6402), (550, 6552), (598, 6675), (607, 6687), (639, 6753),

Gene: Pumpkin_37 Start: 31935, Stop: 32792, Start Num: 209

Candidate Starts for Pumpkin_37:

(Start: 209 @31935 has 127 MA's), (229, 31974), (244, 32004), (255, 32025), (274, 32061), (288, 32091), (327, 32166), (352, 32214), (355, 32217), (365, 32241), (367, 32244), (378, 32259), (443, 32430), (494, 32544), (501, 32559), (504, 32565), (582, 32607), (584, 32610), (612, 32664), (646, 32742), (662, 32775),

Gene: Puppet_10 Start: 6074, Stop: 7042, Start Num: 175

Candidate Starts for Puppet_10:

(Start: 175 @6074 has 331 MA's), (Start: 191 @6107 has 6 MA's), (Start: 202 @6125 has 32 MA's), (Start: 203 @6128 has 2 MA's), (366, 6395), (389, 6446), (396, 6458), (430, 6533), (455, 6596), (468, 6629), (474, 6641), (479, 6659), (487, 6677), (500, 6701), (521, 6740), (563, 6821), (570, 6845), (571, 6848), (572, 6851), (581, 6860), (644, 6992), (663, 7034),

Gene: Puppy_11 Start: 5358, Stop: 6098, Start Num: 315

Candidate Starts for Puppy_11:

(220, 5241), (Start: 315 @5358 has 18 MA's), (362, 5445), (389, 5502), (396, 5514), (398, 5517), (408, 5541), (414, 5556), (427, 5574), (439, 5604), (441, 5610), (444, 5619), (452, 5637), (474, 5688), (479, 5706), (518, 5778), (546, 5820), (552, 5847), (559, 5874), (570, 5907), (571, 5910), (593, 5949), (666, 6090),

Gene: Pupusa_255 Start: 145822, Stop: 146850, Start Num: 158

Candidate Starts for Pupusa_255:

(Start: 158 @145822 has 220 MA's), (Start: 175 @145852 has 331 MA's), (182, 145864), (Start: 203 @145906 has 2 MA's), (243, 145969), (254, 145990), (Start: 297 @146074 has 1 MA's), (331, 146116), (339, 146128), (346, 146143), (378, 146212), (389, 146239), (414, 146293), (427, 146338), (428, 146341), (460, 146419), (468, 146440), (521, 146551), (565, 146641), (570, 146659), (611, 146731), (625, 146764),

Gene: PurduePete_253 Start: 145973, Stop: 147001, Start Num: 158

Candidate Starts for PurduePete_253:

(Start: 158 @145973 has 220 MA's), (Start: 175 @146003 has 331 MA's), (182, 146015), (Start: 203 @146057 has 2 MA's), (243, 146120), (254, 146141), (Start: 297 @146225 has 1 MA's), (331, 146267), (339, 146279), (346, 146294), (378, 146363), (389, 146390), (414, 146444), (427, 146489), (428, 146492), (460, 146570), (468, 146591), (521, 146702), (565, 146792), (570, 146810), (611, 146882), (625, 146915),

Gene: PurpleHaze_12 Start: 6032, Stop: 6997, Start Num: 166

Candidate Starts for PurpleHaze_12:

(Start: 166 @6032 has 96 MA's), (Start: 203 @6098 has 2 MA's), (241, 6152), (291, 6230), (362, 6353), (389, 6410), (430, 6482), (444, 6521), (452, 6539), (479, 6608), (546, 6725), (552, 6752), (571, 6815), (620, 6905), (622, 6911),

Gene: Pygmy_29 Start: 25891, Stop: 27057, Start Num: 110

Candidate Starts for Pygmy_29:

(Start: 110 @25891 has 51 MA's), (134, 25948), (178, 26035), (207, 26080), (249, 26155), (264, 26176), (273, 26194), (300, 26260), (327, 26299), (354, 26365), (365, 26395), (379, 26416), (397, 26461), (434, 26557), (447, 26596), (461, 26611), (465, 26623), (477, 26650), (517, 26737), (524, 26755), (531, 26761), (571, 26809), (588, 26830), (621, 26902), (651, 26977),

Gene: QBert_244 Start: 142846, Stop: 143874, Start Num: 158

Candidate Starts for QBert_244:

(Start: 158 @142846 has 220 MA's), (Start: 175 @142876 has 331 MA's), (182, 142888), (Start: 203 @142930 has 2 MA's), (243, 142993), (254, 143014), (Start: 297 @143098 has 1 MA's), (331, 143140), (339, 143152), (346, 143167), (378, 143236), (389, 143263), (414, 143317), (427, 143362), (428, 143365), (460, 143443), (468, 143464), (521, 143575), (565, 143665), (570, 143683), (611, 143755), (625, 143788),

Gene: QTRLifeCrisis_10 Start: 6459, Stop: 7427, Start Num: 175

Candidate Starts for QTRLifeCrisis_10:

(Start: 175 @6459 has 331 MA's), (Start: 191 @6492 has 6 MA's), (Start: 202 @6510 has 32 MA's), (Start: 203 @6513 has 2 MA's), (331, 6702), (366, 6780), (378, 6798), (389, 6831), (396, 6843), (430, 6918), (455, 6981), (461, 6993), (468, 7014), (474, 7026), (479, 7044), (487, 7062), (500, 7086), (521, 7125), (563, 7206), (570, 7230), (571, 7233), (572, 7236), (581, 7245), (624, 7332), (644, 7377), (663, 7419),

Gene: Qhanda_33 Start: 27649, Stop: 28440, Start Num: 213

Candidate Starts for Qhanda_33:

(Start: 213 @27649 has 23 MA's), (Start: 238 @27682 has 1 MA's), (255, 27715), (268, 27739), (280, 27760), (286, 27769), (295, 27799), (300, 27808), (307, 27817), (327, 27853), (371, 27934), (465, 28141), (478, 28168), (489, 28189), (499, 28213), (594, 28237), (625, 28291), (630, 28303), (659, 28375),

Gene: Qualification_36 Start: 32064, Stop: 32921, Start Num: 209

Candidate Starts for Qualification_36:

(Start: 209 @32064 has 127 MA's), (229, 32103), (244, 32133), (255, 32154), (274, 32190), (288, 32220), (327, 32295), (352, 32343), (355, 32346), (365, 32370), (367, 32373), (378, 32388), (443, 32559), (494, 32673), (501, 32688), (504, 32694), (582, 32736), (584, 32739), (612, 32793), (646, 32871), (662, 32904),

Gene: Quasimodo_255 Start: 144832, Stop: 145860, Start Num: 158

Candidate Starts for Quasimodo_255:

(Start: 158 @144832 has 220 MA's), (Start: 175 @144862 has 331 MA's), (182, 144874), (Start: 203 @144916 has 2 MA's), (243, 144979), (254, 145000), (Start: 297 @145084 has 1 MA's), (331, 145126), (339, 145138), (346, 145153), (378, 145222), (389, 145249), (414, 145303), (427, 145348), (428, 145351), (460, 145429), (468, 145450), (521, 145561), (565, 145651), (570, 145669), (611, 145741), (625, 145774),

Gene: Quby_26 Start: 25264, Stop: 26286, Start Num: 169

Candidate Starts for Quby_26:

(Start: 169 @25264 has 29 MA's), (237, 25375), (258, 25408), (261, 25414), (265, 25420), (Start: 313 @25522 has 1 MA's), (316, 25525), (339, 25564), (346, 25585), (362, 25627), (389, 25684), (440, 25798), (479, 25903), (523, 25984), (526, 25987), (548, 26032), (571, 26095), (581, 26107), (620, 26182), (630, 26209),

Gene: QueenB2_11 Start: 6448, Stop: 7431, Start Num: 175

Candidate Starts for QueenB2_11:

(143, 6406), (Start: 175 @6448 has 331 MA's), (190, 6478), (Start: 191 @6481 has 6 MA's), (Start: 202 @6499 has 32 MA's), (Start: 203 @6502 has 2 MA's), (356, 6739), (362, 6751), (389, 6808), (396, 6820), (428, 6886), (479, 6997), (550, 7144), (587, 7237), (607, 7279), (639, 7351), (661, 7405),

Gene: QueenBeane_49 Start: 41696, Stop: 43051, Start Num: 89

Candidate Starts for QueenBeane_49:

(Start: 89 @41696 has 280 MA's), (Start: 105 @41747 has 11 MA's), (119, 41780), (185, 41909), (186, 41912), (194, 41927), (249, 42023), (273, 42062), (287, 42092), (300, 42128), (354, 42239), (365, 42269), (367, 42272), (397, 42338), (457, 42497), (477, 42545), (481, 42563), (504, 42611), (566, 42755), (588, 42815), (628, 42920), (671, 43007),

Gene: QueenBeesly_11 Start: 6372, Stop: 7364, Start Num: 175

Candidate Starts for QueenBeesly_11:

(Start: 175 @6372 has 331 MA's), (Start: 202 @6423 has 32 MA's), (Start: 203 @6426 has 2 MA's), (222, 6459), (237, 6474), (309, 6594), (331, 6600), (368, 6687), (389, 6732), (450, 6864), (476, 6903), (497, 6951), (542, 7032), (552, 7074), (580, 7161), (607, 7209), (636, 7275), (669, 7350),

Gene: QueenHazel_26 Start: 24219, Stop: 25385, Start Num: 110

Candidate Starts for QueenHazel_26:

(2, 22992), (6, 23166), (27, 23667), (43, 23847), (Start: 110 @24219 has 51 MA's), (134, 24276), (178, 24363), (Start: 209 @24411 has 127 MA's), (249, 24483), (264, 24504), (300, 24588), (327, 24627), (354, 24693), (365, 24723), (379, 24744), (397, 24789), (434, 24885), (447, 24924), (461, 24939), (477, 24978), (517, 25065), (524, 25083), (531, 25089), (571, 25137), (588, 25158), (621, 25230), (651, 25305), (674, 25347), (677, 25368), (679, 25374),

Gene: QuickMath_32 Start: 28868, Stop: 29869, Start Num: 164

Candidate Starts for QuickMath_32:

(Start: 164 @28868 has 214 MA's), (Start: 203 @28943 has 2 MA's), (222, 28976), (243, 29006), (254, 29027), (271, 29057), (278, 29069), (Start: 297 @29111 has 1 MA's), (Start: 313 @29135 has 1 MA's), (331, 29150), (339, 29162), (389, 29273), (440, 29387), (446, 29405), (464, 29444), (474, 29468), (487, 29504), (502, 29531), (521, 29570), (570, 29678), (596, 29726), (603, 29738), (625, 29783), (630, 29795), (644, 29825),

Gene: Quico_32 Start: 27328, Stop: 28329, Start Num: 164

Candidate Starts for Quico_32:

(Start: 164 @27328 has 214 MA's), (Start: 203 @27403 has 2 MA's), (222, 27436), (243, 27466), (254, 27487), (Start: 297 @27571 has 1 MA's), (Start: 313 @27595 has 1 MA's), (331, 27610), (339, 27622), (389, 27733), (440, 27847), (446, 27865), (464, 27904), (474, 27928), (487, 27964), (502, 27991), (521, 28030), (552, 28078), (570, 28138), (596, 28186), (603, 28198), (625, 28243), (630, 28255), (644, 28285),

Gene: QuincyRose_30 Start: 26474, Stop: 27346, Start Num: 227

Candidate Starts for QuincyRose_30:

(Start: 209 @26447 has 127 MA's), (Start: 227 @26474 has 136 MA's), (Start: 238 @26486 has 1 MA's), (275, 26555), (288, 26582), (300, 26612), (307, 26621), (327, 26657), (332, 26666), (346, 26699), (352, 26717), (367, 26747), (397, 26807), (465, 26942), (478, 26969), (489, 26990), (499, 27014), (539, 27065), (596, 27167), (621, 27203), (630, 27227), (674, 27326), (676, 27335),

Gene: QuinnKiro_10 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for QuinnKiro_10:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874),

(620, 6925),

Gene: Quisquilliae_49 Start: 41733, Stop: 43088, Start Num: 89

Candidate Starts for Quisquilliae_49:

(Start: 89 @41733 has 280 MA's), (Start: 105 @41784 has 11 MA's), (119, 41817), (185, 41946), (186, 41949), (194, 41964), (249, 42060), (273, 42099), (287, 42129), (300, 42165), (354, 42276), (365, 42306), (367, 42309), (397, 42375), (457, 42534), (477, 42582), (481, 42600), (504, 42648), (566, 42792), (588, 42852), (628, 42957), (671, 43044),

Gene: Quokka_9 Start: 5599, Stop: 6363, Start Num: 311

Candidate Starts for Quokka_9:

(Start: 311 @5599 has 12 MA's), (389, 5743), (440, 5857), (441, 5860), (444, 5869), (474, 5938), (479, 5956), (513, 6019), (552, 6097), (559, 6124), (565, 6139), (570, 6157), (571, 6160), (620, 6250), (645, 6319),

Gene: Rabbs_28 Start: 25284, Stop: 26492, Start Num: 96

Candidate Starts for Rabbs_28:

(72, 25191), (Start: 96 @25284 has 92 MA's), (168, 25458), (211, 25530), (273, 25629), (278, 25638), (288, 25662), (293, 25671), (300, 25695), (310, 25716), (327, 25743), (334, 25755), (361, 25827), (381, 25866), (461, 26055), (477, 26094), (483, 26115), (501, 26154), (504, 26160),

Gene: Rabinovish_245 Start: 143336, Stop: 144364, Start Num: 158

Candidate Starts for Rabinovish_245:

(Start: 158 @143336 has 220 MA's), (Start: 175 @143366 has 331 MA's), (182, 143378), (Start: 203 @143420 has 2 MA's), (243, 143483), (254, 143504), (Start: 297 @143588 has 1 MA's), (331, 143630), (339, 143642), (346, 143657), (378, 143726), (389, 143753), (414, 143807), (427, 143852), (428, 143855), (460, 143933), (468, 143954), (521, 144065), (565, 144155), (570, 144173), (611, 144245), (625, 144278),

Gene: Rachaly_14 Start: 8129, Stop: 9115, Start Num: 175

Candidate Starts for Rachaly_14:

(Start: 175 @8129 has 331 MA's), (190, 8159), (Start: 202 @8180 has 32 MA's), (Start: 203 @8183 has 2 MA's), (222, 8216), (362, 8432), (388, 8483), (389, 8489), (396, 8501), (406, 8522), (450, 8612), (479, 8678), (550, 8828), (555, 8849), (607, 8963), (639, 9035),

Gene: Radiance_31 Start: 27692, Stop: 28693, Start Num: 164

Candidate Starts for Radiance_31:

(Start: 164 @27692 has 214 MA's), (Start: 203 @27767 has 2 MA's), (222, 27800), (243, 27830), (254, 27851), (271, 27881), (278, 27893), (Start: 297 @27935 has 1 MA's), (Start: 313 @27959 has 1 MA's), (331, 27974), (339, 27986), (389, 28097), (440, 28211), (446, 28229), (464, 28268), (474, 28292), (487, 28328), (521, 28394), (570, 28502), (596, 28550), (603, 28562), (625, 28607), (630, 28619), (644, 28649),

Gene: RagingRooster_47 Start: 41537, Stop: 42601, Start Num: 151

Candidate Starts for RagingRooster_47:

(Start: 151 @41537 has 50 MA's), (184, 41600), (236, 41681), (271, 41747), (279, 41762), (288, 41774), (298, 41801), (343, 41858), (346, 41867), (413, 42014), (419, 42029), (439, 42083), (452, 42116), (467, 42155), (475, 42167), (518, 42248), (533, 42266), (535, 42269), (552, 42314), (596, 42425), (649, 42536), (658, 42557), (673, 42590),

Gene: Rahel_254 Start: 144934, Stop: 145962, Start Num: 158

Candidate Starts for Rahel_254:

(Start: 158 @144934 has 220 MA's), (Start: 175 @144964 has 331 MA's), (182, 144976), (Start: 203 @145018 has 2 MA's), (243, 145081), (254, 145102), (Start: 297 @145186 has 1 MA's), (331, 145228), (339, 145240), (346, 145255), (378, 145324), (389, 145351), (414, 145405), (427, 145450), (428, 145453), (460, 145531), (468, 145552), (521, 145663), (565, 145753), (570, 145771), (611, 145843), (625, 145876),

Gene: Raid_11 Start: 5750, Stop: 6718, Start Num: 175

Candidate Starts for Raid_11:

(Start: 175 @5750 has 331 MA's), (Start: 191 @5783 has 6 MA's), (Start: 202 @5801 has 32 MA's), (Start: 203 @5804 has 2 MA's), (366, 6071), (389, 6122), (396, 6134), (430, 6209), (468, 6305), (474, 6317), (479, 6335), (487, 6353), (500, 6377), (521, 6416), (563, 6497), (570, 6521), (571, 6524), (572, 6527), (581, 6536), (624, 6623), (644, 6668), (663, 6710),

Gene: Rajelicia_9 Start: 5630, Stop: 6598, Start Num: 175

Candidate Starts for Rajelicia_9:

(Start: 175 @5630 has 331 MA's), (Start: 191 @5663 has 6 MA's), (Start: 202 @5681 has 32 MA's), (Start: 203 @5684 has 2 MA's), (366, 5951), (389, 6002), (396, 6014), (430, 6089), (455, 6152), (461, 6164), (468, 6185), (474, 6197), (479, 6215), (487, 6233), (500, 6257), (521, 6296), (563, 6377), (570, 6401), (571, 6404), (572, 6407), (581, 6416), (624, 6503), (663, 6590),

Gene: Rakim_36 Start: 31964, Stop: 32821, Start Num: 209

Candidate Starts for Rakim_36:

(Start: 209 @31964 has 127 MA's), (229, 32003), (244, 32033), (255, 32054), (274, 32090), (288, 32120), (327, 32195), (352, 32243), (355, 32246), (365, 32270), (367, 32273), (378, 32288), (443, 32459), (494, 32573), (501, 32588), (504, 32594), (582, 32636), (584, 32639), (612, 32693), (646, 32771), (662, 32804),

Gene: Ramen_31 Start: 26460, Stop: 27332, Start Num: 227

Candidate Starts for Ramen_31:

(Start: 209 @26433 has 127 MA's), (Start: 227 @26460 has 136 MA's), (Start: 238 @26472 has 1 MA's), (275, 26541), (288, 26568), (300, 26598), (307, 26607), (327, 26643), (332, 26652), (346, 26685), (352, 26703), (367, 26733), (397, 26793), (465, 26928), (478, 26955), (489, 26976), (499, 27000), (596, 27153), (621, 27189), (674, 27312), (676, 27321),

Gene: Ramsey_34 Start: 28342, Stop: 29358, Start Num: 164

Candidate Starts for Ramsey_34:

(84, 28111), (85, 28114), (93, 28162), (142, 28297), (144, 28306), (Start: 164 @28342 has 214 MA's), (232, 28474), (243, 28495), (254, 28516), (271, 28546), (278, 28558), (Start: 297 @28600 has 1 MA's), (Start: 313 @28624 has 1 MA's), (331, 28639), (339, 28651), (346, 28666), (389, 28762), (440, 28876), (446, 28894), (464, 28933), (474, 28957), (487, 28993), (502, 29020), (516, 29044), (521, 29059), (570, 29167), (596, 29215), (630, 29284), (644, 29314),

Gene: Rando14_31 Start: 25909, Stop: 26766, Start Num: 227

Candidate Starts for Rando14_31:

(Start: 227 @25909 has 136 MA's), (Start: 238 @25921 has 1 MA's), (242, 25927), (251, 25948), (255, 25954), (272, 25984), (300, 26044), (307, 26053), (314, 26065), (332, 26098), (346, 26131), (367, 26179), (390, 26224), (433, 26311), (478, 26401), (489, 26422), (499, 26446), (520, 26473), (524, 26482), (539, 26497), (563, 26524), (596, 26584), (597, 26587), (621, 26620), (630, 26644), (651, 26701), (671, 26737), (674, 26746),

Gene: Rapunzel97_31 Start: 26461, Stop: 27333, Start Num: 227

Candidate Starts for Rapunzel97_31:

(Start: 209 @26434 has 127 MA's), (Start: 227 @26461 has 136 MA's), (Start: 238 @26473 has 1 MA's), (275, 26542), (288, 26569), (300, 26599), (307, 26608), (327, 26644), (332, 26653), (346, 26686), (352, 26704), (367, 26734), (395, 26791), (397, 26794), (465, 26929), (478, 26956), (489, 26977), (499, 27001), (539, 27052), (596, 27154), (621, 27190), (630, 27214), (674, 27313), (676, 27322),

Gene: Rattrick_28 Start: 25201, Stop: 26400, Start Num: 96

Candidate Starts for Rattrick_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25537), (278, 25546), (288, 25570), (293, 25579), (300, 25603), (310, 25624), (327, 25651), (334, 25663), (361, 25735), (381, 25774), (461, 25963), (477, 26002), (483, 26023), (501, 26062), (504, 26068),

Gene: Rearden_43 Start: 38508, Stop: 39512, Start Num: 103

Candidate Starts for Rearden_43:

(Start: 103 @38508 has 9 MA's), (130, 38562), (Start: 158 @38613 has 220 MA's), (196, 38685), (244, 38760), (307, 38874), (314, 38886), (332, 38919), (365, 38988), (374, 39000), (380, 39012), (382, 39015), (401, 39060), (407, 39078), (478, 39240), (486, 39255), (490, 39264), (671, 39465),

Gene: Reba_13 Start: 5704, Stop: 6669, Start Num: 166

Candidate Starts for Reba_13:

(Start: 166 @5704 has 96 MA's), (Start: 203 @5770 has 2 MA's), (241, 5824), (291, 5902), (362, 6025), (389, 6082), (430, 6154), (444, 6193), (452, 6211), (479, 6280), (546, 6397), (552, 6424), (571, 6487), (620, 6577), (622, 6583),

Gene: Rebeuca_11 Start: 5885, Stop: 6859, Start Num: 175

Candidate Starts for Rebeuca_11:

(Start: 175 @5885 has 331 MA's), (Start: 203 @5939 has 2 MA's), (299, 6092), (389, 6254), (398, 6269), (407, 6290), (439, 6362), (441, 6368), (444, 6377), (474, 6446), (479, 6464), (502, 6509), (513, 6527), (552, 6605), (559, 6632), (565, 6647), (571, 6668), (593, 6707), (620, 6758), (640, 6800), (663, 6851),

Gene: Red305_28 Start: 26904, Stop: 27893, Start Num: 134

Candidate Starts for Red305_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: RedBird_31 Start: 27495, Stop: 28496, Start Num: 164

Candidate Starts for RedBird_31:

(Start: 164 @27495 has 214 MA's), (Start: 175 @27516 has 331 MA's), (Start: 203 @27570 has 2 MA's), (222, 27603), (243, 27633), (254, 27654), (271, 27684), (278, 27696), (Start: 297 @27738 has 1 MA's), (Start: 313 @27762 has 1 MA's), (331, 27777), (339, 27789), (389, 27900), (440, 28014), (446, 28032), (464, 28071), (474, 28095), (487, 28131), (502, 28158), (521, 28197), (552, 28245), (570, 28305), (596, 28353), (603, 28365), (625, 28410), (630, 28422), (644, 28452),

Gene: RedMaple_49 Start: 41847, Stop: 43202, Start Num: 89

Candidate Starts for RedMaple_49:

(Start: 89 @41847 has 280 MA's), (Start: 105 @41898 has 11 MA's), (119, 41931), (185, 42060), (186, 42063), (194, 42078), (249, 42174), (273, 42213), (287, 42243), (300, 42279), (354, 42390), (365, 42420), (367, 42423), (397, 42489), (457, 42648), (477, 42696), (481, 42714), (504, 42762), (566, 42906), (588, 42966), (628, 43071), (651, 43125), (671, 43158),

Gene: RedRaider89_51 Start: 41930, Stop: 43285, Start Num: 89

Candidate Starts for RedRaider89_51:

(Start: 89 @41930 has 280 MA's), (Start: 105 @41981 has 11 MA's), (119, 42014), (128, 42032), (185, 42143), (186, 42146), (194, 42161), (249, 42257), (273, 42296), (287, 42326), (300, 42362), (354, 42473), (365, 42503), (367, 42506), (397, 42572), (457, 42731), (477, 42779), (481, 42797), (504, 42845), (566, 42989), (588, 43049), (628, 43154), (671, 43241),

Gene: RedRock_14 Start: 8396, Stop: 9373, Start Num: 175

Candidate Starts for RedRock_14:

(149, 8351), (Start: 175 @8396 has 331 MA's), (Start: 203 @8450 has 2 MA's), (344, 8639), (356, 8675), (362, 8687), (389, 8744), (407, 8780), (430, 8828), (444, 8867), (474, 8936), (479, 8954), (502, 8999), (513, 9017), (540, 9059), (552, 9107), (559, 9134), (565, 9149), (571, 9170), (592, 9206), (593, 9209), (618, 9251), (620, 9260),

Gene: Redno2_47 Start: 39617, Stop: 40489, Start Num: 202

Candidate Starts for Redno2_47:

(Start: 202 @39617 has 32 MA's), (Start: 218 @39644 has 1 MA's), (288, 39773), (308, 39818), (327, 39839), (342, 39860), (364, 39914), (400, 39995), (522, 40274), (524, 40277), (545, 40301), (579, 40337), (590, 40352), (593, 40364), (601, 40385),

Gene: Refuge_14 Start: 8748, Stop: 9725, Start Num: 175

Candidate Starts for Refuge_14:

(Start: 175 @8748 has 331 MA's), (Start: 203 @8802 has 2 MA's), (245, 8862), (282, 8922), (358, 9060), (363, 9069), (389, 9123), (398, 9138), (439, 9231), (441, 9237), (444, 9246), (479, 9333), (552, 9474), (571, 9537), (605, 9600), (618, 9618), (637, 9669),

Gene: Reindeer_38 Start: 32261, Stop: 33232, Start Num: 206

Candidate Starts for Reindeer_38:

(197, 32246), (Start: 206 @32261 has 15 MA's), (220, 32285), (228, 32300), (229, 32303), (252, 32351), (276, 32393), (295, 32438), (Start: 297 @32441 has 1 MA's), (309, 32465), (Start: 326 @32483 has 2 MA's), (333, 32495), (339, 32504), (362, 32561), (363, 32564), (378, 32588), (389, 32615), (406, 32648), (428, 32699), (440, 32729), (443, 32738), (444, 32741), (485, 32828), (495, 32843), (504, 32861), (563, 32996), (564, 32999), (596, 33071), (599, 33080), (618, 33104), (621, 33116), (642, 33170), (653, 33203),

Gene: Relief_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Relief_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Remy19_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Remy19_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Renaissance_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Renaissance_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080),

(541, 26131),

Gene: Renaud18_31 Start: 27722, Stop: 28723, Start Num: 164

Candidate Starts for Renaud18_31:

(Start: 164 @27722 has 214 MA's), (Start: 175 @27743 has 331 MA's), (182, 27755), (Start: 203 @27797 has 2 MA's), (243, 27860), (254, 27881), (271, 27911), (Start: 297 @27965 has 1 MA's), (Start: 313 @27989 has 1 MA's), (339, 28016), (346, 28031), (389, 28127), (439, 28238), (446, 28259), (464, 28298), (468, 28310), (487, 28358), (502, 28385), (516, 28409), (521, 28424), (570, 28532), (596, 28580), (630, 28649), (644, 28679),

Gene: Reptar3000_32 Start: 27365, Stop: 28156, Start Num: 213

Candidate Starts for Reptar3000_32:

(157, 27263), (165, 27281), (180, 27308), (Start: 213 @27365 has 23 MA's), (255, 27431), (268, 27455), (280, 27476), (286, 27485), (300, 27524), (307, 27533), (327, 27569), (332, 27578), (371, 27650), (465, 27857), (478, 27884), (489, 27905), (499, 27929), (625, 28007), (630, 28019), (659, 28091),

Gene: ResDef_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for ResDef_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Retro23_11 Start: 6523, Stop: 7515, Start Num: 175

Candidate Starts for Retro23_11:

(Start: 175 @6523 has 331 MA's), (Start: 191 @6556 has 6 MA's), (Start: 202 @6574 has 32 MA's), (Start: 203 @6577 has 2 MA's), (222, 6610), (237, 6625), (309, 6745), (331, 6751), (344, 6778), (368, 6838), (389, 6883), (450, 7015), (476, 7054), (497, 7102), (542, 7183), (552, 7225), (580, 7312), (598, 7348), (617, 7372), (631, 7414), (636, 7426), (669, 7501),

Gene: Rey_43 Start: 33168, Stop: 34145, Start Num: 204

Candidate Starts for Rey_43:

(Start: 204 @33168 has 7 MA's), (220, 33195), (256, 33267), (276, 33303), (295, 33348), (339, 33414), (378, 33498), (389, 33525), (430, 33612), (443, 33648), (444, 33651), (485, 33738), (495, 33753), (531, 33819), (563, 33906), (564, 33909), (567, 33918), (570, 33930), (573, 33939), (589, 33960), (632, 34056),

Gene: RhynO_11 Start: 5848, Stop: 6822, Start Num: 175

Candidate Starts for RhynO_11:

(Start: 175 @5848 has 331 MA's), (Start: 203 @5902 has 2 MA's), (237, 5950), (299, 6055), (389, 6217), (398, 6232), (407, 6253), (439, 6325), (444, 6340), (474, 6409), (479, 6427), (502, 6472), (513, 6490), (552, 6568), (559, 6595), (565, 6610), (571, 6631), (593, 6670), (620, 6721), (640, 6763), (663, 6814),

Gene: Rhynn_10 Start: 6060, Stop: 7028, Start Num: 175

Candidate Starts for Rhynn_10:

(Start: 175 @6060 has 331 MA's), (Start: 191 @6093 has 6 MA's), (Start: 202 @6111 has 32 MA's), (Start: 203 @6114 has 2 MA's), (366, 6381), (389, 6432), (396, 6444), (430, 6519), (455, 6582), (461, 6594), (468, 6615), (479, 6645), (487, 6663), (500, 6687), (521, 6726), (563, 6807), (570, 6831), (571, 6834), (572, 6837), (581, 6846), (583, 6849), (624, 6933), (644, 6978), (663, 7020),

Gene: Rialto_35 Start: 29850, Stop: 30851, Start Num: 164

Candidate Starts for Rialto_35:

(Start: 164 @29850 has 214 MA's), (Start: 203 @29925 has 2 MA's), (222, 29958), (243, 29988), (254, 30009), (Start: 297 @30093 has 1 MA's), (Start: 313 @30117 has 1 MA's), (331, 30132), (339, 30144), (389, 30255), (440, 30369), (446, 30387), (464, 30426), (474, 30450), (487, 30486), (502, 30513), (521, 30552), (552, 30600), (570, 30660), (603, 30720), (624, 30762), (625, 30765), (630, 30777), (644, 30807),

Gene: Richarlison_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Richarlison_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (285, 25567), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Richo_31 Start: 25850, Stop: 26611, Start Num: 227

Candidate Starts for Richo_31:

(Start: 209 @25820 has 127 MA's), (Start: 227 @25850 has 136 MA's), (255, 25895), (275, 25931), (302, 25991), (307, 25997), (321, 26027), (327, 26033), (332, 26042), (346, 26075), (364, 26117), (390, 26168), (397, 26183), (465, 26318), (478, 26345), (489, 26366), (491, 26372), (499, 26390), (594, 26423), (596, 26429), (625, 26477), (652, 26549), (674, 26591), (676, 26600),

Gene: Ricotta_48 Start: 41419, Stop: 42774, Start Num: 89

Candidate Starts for Ricotta_48:

(Start: 89 @41419 has 280 MA's), (Start: 105 @41470 has 11 MA's), (119, 41503), (185, 41632), (186, 41635), (194, 41650), (249, 41746), (273, 41785), (287, 41815), (300, 41851), (354, 41962), (365, 41992), (367, 41995), (397, 42061), (457, 42220), (477, 42268), (481, 42286), (504, 42334), (566, 42478), (588, 42538), (628, 42643), (671, 42730),

Gene: RidgeCB_10 Start: 5587, Stop: 6555, Start Num: 175

Candidate Starts for RidgeCB_10:

(Start: 175 @5587 has 331 MA's), (Start: 191 @5620 has 6 MA's), (Start: 202 @5638 has 32 MA's), (Start: 203 @5641 has 2 MA's), (366, 5908), (378, 5926), (389, 5959), (396, 5971), (430, 6046), (455, 6109), (461, 6121), (468, 6142), (474, 6154), (479, 6172), (485, 6187), (487, 6190), (521, 6253), (563, 6334), (570, 6358), (571, 6361), (572, 6364), (581, 6373), (624, 6460), (663, 6547),

Gene: Riggan_49 Start: 41692, Stop: 43047, Start Num: 89

Candidate Starts for Riggan_49:

(Start: 89 @41692 has 280 MA's), (Start: 105 @41743 has 11 MA's), (119, 41776), (185, 41905), (186, 41908), (194, 41923), (249, 42019), (273, 42058), (287, 42088), (300, 42124), (354, 42235), (365, 42265), (367, 42268), (397, 42334), (457, 42493), (477, 42541), (481, 42559), (504, 42607), (566, 42751), (588, 42811), (628, 42916), (671, 43003),

Gene: Rimmer_34 Start: 31424, Stop: 32281, Start Num: 209

Candidate Starts for Rimmer_34:

(Start: 209 @31424 has 127 MA's), (229, 31463), (244, 31493), (255, 31514), (274, 31550), (288, 31580), (327, 31655), (352, 31703), (355, 31706), (365, 31730), (367, 31733), (378, 31748), (443, 31919), (488, 32018), (494, 32033), (501, 32048), (504, 32054), (582, 32096), (584, 32099), (612, 32153), (646, 32231), (662, 32264),

Gene: Rimu_49 Start: 41432, Stop: 42787, Start Num: 89

Candidate Starts for Rimu_49:

(Start: 89 @41432 has 280 MA's), (Start: 105 @41483 has 11 MA's), (119, 41516), (185, 41645), (186, 41648), (194, 41663), (249, 41759), (273, 41798), (287, 41828), (300, 41864), (354, 41975), (365,

42005), (367, 42008), (397, 42074), (457, 42233), (477, 42281), (481, 42299), (504, 42347), (566, 42491), (588, 42551), (628, 42656), (671, 42743),

Gene: Ringer_10 Start: 6258, Stop: 7226, Start Num: 175

Candidate Starts for Ringer_10:

(Start: 175 @6258 has 331 MA's), (Start: 191 @6291 has 6 MA's), (Start: 202 @6309 has 32 MA's), (Start: 203 @6312 has 2 MA's), (366, 6579), (389, 6630), (396, 6642), (430, 6717), (455, 6780), (468, 6813), (474, 6825), (479, 6843), (487, 6861), (521, 6924), (563, 7005), (570, 7029), (571, 7032), (572, 7035), (581, 7044), (624, 7131), (644, 7176), (663, 7218),

Gene: Rinkes_49 Start: 43767, Stop: 44765, Start Num: 174

Candidate Starts for Rinkes_49:

(Start: 174 @43767 has 4 MA's), (190, 43797), (Start: 202 @43818 has 32 MA's), (Start: 203 @43821 has 2 MA's), (261, 43908), (293, 43956), (307, 43986), (333, 43998), (378, 44097), (388, 44121), (389, 44127), (407, 44163), (409, 44169), (420, 44190), (428, 44205), (432, 44211), (450, 44259), (479, 44322), (532, 44418), (555, 44493), (556, 44496), (607, 44607), (610, 44613), (623, 44637),

Gene: Riparian_39 Start: 34810, Stop: 35859, Start Num: 158

Candidate Starts for Riparian_39:

(Start: 158 @34810 has 220 MA's), (201, 34894), (Start: 206 @34903 has 15 MA's), (222, 34927), (243, 34957), (254, 34978), (274, 35014), (288, 35035), (293, 35044), (Start: 297 @35062 has 1 MA's), (346, 35131), (410, 35284), (446, 35383), (458, 35410), (492, 35482), (529, 35536), (593, 35689), (606, 35713), (611, 35722), (628, 35764), (630, 35767), (632, 35773), (641, 35782), (653, 35818), (658, 35827), (663, 35836),

Gene: Rita_32 Start: 27771, Stop: 28772, Start Num: 164

Candidate Starts for Rita_32:

(Start: 164 @27771 has 214 MA's), (Start: 203 @27846 has 2 MA's), (222, 27879), (243, 27909), (254, 27930), (Start: 297 @28014 has 1 MA's), (339, 28065), (389, 28176), (439, 28287), (446, 28308), (464, 28347), (474, 28371), (487, 28407), (502, 28434), (516, 28458), (521, 28473), (570, 28581), (596, 28629), (630, 28698), (644, 28728),

Gene: Rita1961_47 Start: 41520, Stop: 42584, Start Num: 151

Candidate Starts for Rita1961_47:

(Start: 151 @41520 has 50 MA's), (184, 41583), (236, 41664), (271, 41730), (279, 41745), (288, 41757), (298, 41784), (343, 41841), (346, 41850), (413, 41997), (419, 42012), (439, 42066), (452, 42099), (467, 42138), (475, 42150), (518, 42231), (533, 42249), (535, 42252), (596, 42408), (649, 42519), (658, 42540), (673, 42573),

Gene: RitaG_32 Start: 27960, Stop: 28961, Start Num: 164

Candidate Starts for RitaG_32:

(Start: 164 @27960 has 214 MA's), (Start: 203 @28035 has 2 MA's), (222, 28068), (243, 28098), (254, 28119), (Start: 297 @28203 has 1 MA's), (Start: 313 @28227 has 1 MA's), (331, 28242), (339, 28254), (389, 28365), (440, 28479), (446, 28497), (464, 28536), (474, 28560), (487, 28596), (502, 28623), (521, 28662), (570, 28770), (603, 28830), (630, 28887), (644, 28917),

Gene: RiverMonster_35 Start: 31613, Stop: 32470, Start Num: 209

Candidate Starts for RiverMonster_35:

(Start: 209 @31613 has 127 MA's), (229, 31652), (244, 31682), (255, 31703), (274, 31739), (288, 31769), (327, 31844), (352, 31892), (355, 31895), (365, 31919), (367, 31922), (378, 31937), (443, 32108), (494, 32222), (501, 32237), (504, 32243), (582, 32285), (584, 32288), (612, 32342), (646, 32420), (662, 32453),

Gene: Riverton_48 Start: 41722, Stop: 43086, Start Num: 89

Candidate Starts for Riverton_48:

(Start: 89 @41722 has 280 MA's), (Start: 105 @41773 has 11 MA's), (119, 41806), (185, 41935), (186, 41938), (194, 41953), (249, 42049), (273, 42088), (287, 42118), (300, 42154), (354, 42265), (365, 42295), (367, 42298), (397, 42364), (457, 42523), (477, 42571), (481, 42589), (504, 42637), (566, 42781), (588, 42841), (628, 42946), (671, 43033),

Gene: Rizal_241 Start: 142749, Stop: 143777, Start Num: 158

Candidate Starts for Rizal_241:

(Start: 158 @142749 has 220 MA's), (Start: 175 @142779 has 331 MA's), (182, 142791), (Start: 203 @142833 has 2 MA's), (243, 142896), (254, 142917), (Start: 297 @143001 has 1 MA's), (331, 143043), (339, 143055), (346, 143070), (378, 143139), (389, 143166), (414, 143220), (427, 143265), (428, 143268), (460, 143346), (468, 143367), (521, 143478), (565, 143568), (570, 143586), (611, 143658), (625, 143691),

Gene: RoMag_247 Start: 144530, Stop: 145558, Start Num: 158

Candidate Starts for RoMag_247:

(Start: 158 @144530 has 220 MA's), (Start: 175 @144560 has 331 MA's), (182, 144572), (Start: 203 @144614 has 2 MA's), (243, 144677), (254, 144698), (Start: 297 @144782 has 1 MA's), (331, 144824), (339, 144836), (346, 144851), (378, 144920), (389, 144947), (414, 145001), (427, 145046), (428, 145049), (460, 145127), (468, 145148), (521, 145259), (565, 145349), (570, 145367), (611, 145439), (625, 145472),

Gene: Robyn_48 Start: 41288, Stop: 42643, Start Num: 89

Candidate Starts for Robyn_48:

(Start: 89 @41288 has 280 MA's), (Start: 105 @41339 has 11 MA's), (119, 41372), (185, 41501), (186, 41504), (194, 41519), (249, 41615), (273, 41654), (287, 41684), (300, 41720), (341, 41795), (354, 41831), (365, 41861), (367, 41864), (397, 41930), (457, 42089), (477, 42137), (481, 42155), (504, 42203), (566, 42347), (588, 42407), (628, 42512), (671, 42599),

Gene: Rocha_248 Start: 144095, Stop: 145123, Start Num: 158

Candidate Starts for Rocha_248:

(Start: 158 @144095 has 220 MA's), (Start: 175 @144125 has 331 MA's), (182, 144137), (Start: 203 @144179 has 2 MA's), (243, 144242), (254, 144263), (Start: 297 @144347 has 1 MA's), (331, 144389), (339, 144401), (346, 144416), (378, 144485), (389, 144512), (414, 144566), (427, 144611), (428, 144614), (460, 144692), (468, 144713), (521, 144824), (565, 144914), (570, 144932), (611, 145004), (625, 145037),

Gene: RockieBear_9 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for RockieBear_9:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Rockne_31 Start: 27499, Stop: 28500, Start Num: 164

Candidate Starts for Rockne_31:

(79, 27247), (119, 27400), (Start: 164 @27499 has 214 MA's), (Start: 175 @27520 has 331 MA's), (182, 27532), (Start: 203 @27574 has 2 MA's), (243, 27637), (254, 27658), (271, 27688), (Start: 297 @27742 has 1 MA's), (Start: 313 @27766 has 1 MA's), (339, 27793), (389, 27904), (440, 28018), (446, 28036), (464, 28075), (474, 28099), (487, 28135), (502, 28162), (521, 28201), (552, 28249), (570, 28309), (603, 28369), (630, 28426), (644, 28456),

Gene: Rockstar_10 Start: 5610, Stop: 6350, Start Num: 315

Candidate Starts for Rockstar_10:

(Start: 315 @5610 has 18 MA's), (362, 5697), (389, 5754), (396, 5766), (398, 5769), (408, 5793), (414, 5808), (439, 5856), (441, 5862), (452, 5889), (479, 5958), (518, 6030), (523, 6042), (546, 6072), (552, 6099), (559, 6126), (570, 6159), (571, 6162), (593, 6201), (621, 6255), (666, 6342),

Gene: RockyHorror_32 Start: 27441, Stop: 28442, Start Num: 164

Candidate Starts for RockyHorror_32:

(45, 26961), (53, 27000), (70, 27153), (79, 27189), (Start: 164 @27441 has 214 MA's), (Start: 203 @27516 has 2 MA's), (222, 27549), (243, 27579), (254, 27600), (Start: 297 @27684 has 1 MA's), (Start: 313 @27708 has 1 MA's), (331, 27723), (339, 27735), (389, 27846), (440, 27960), (446, 27978), (464, 28017), (474, 28041), (487, 28077), (502, 28104), (521, 28143), (570, 28251), (603, 28311), (625, 28356), (630, 28368), (644, 28398),

Gene: Rohr_11 Start: 6266, Stop: 7234, Start Num: 175

Candidate Starts for Rohr_11:

(Start: 175 @6266 has 331 MA's), (Start: 191 @6299 has 6 MA's), (Start: 202 @6317 has 32 MA's), (Start: 203 @6320 has 2 MA's), (366, 6587), (389, 6638), (396, 6650), (430, 6725), (455, 6788), (468, 6821), (474, 6833), (479, 6851), (485, 6866), (487, 6869), (500, 6893), (521, 6932), (563, 7013), (570, 7037), (571, 7040), (572, 7043), (581, 7052), (624, 7139), (644, 7184), (663, 7226),

Gene: Roimos_10 Start: 5706, Stop: 6446, Start Num: 315

Candidate Starts for Roimos_10:

(Start: 315 @5706 has 18 MA's), (362, 5793), (389, 5850), (396, 5862), (398, 5865), (408, 5889), (414, 5904), (439, 5952), (441, 5958), (452, 5985), (479, 6054), (518, 6126), (546, 6168), (552, 6195), (559, 6222), (570, 6255), (571, 6258), (593, 6297), (666, 6438),

Gene: Roliet_49 Start: 41705, Stop: 43060, Start Num: 89

Candidate Starts for Roliet_49:

(Start: 89 @41705 has 280 MA's), (Start: 105 @41756 has 11 MA's), (119, 41789), (128, 41807), (185, 41918), (186, 41921), (194, 41936), (249, 42032), (273, 42071), (287, 42101), (300, 42137), (354, 42248), (365, 42278), (367, 42281), (397, 42347), (457, 42506), (477, 42554), (481, 42572), (504, 42620), (566, 42764), (588, 42824), (628, 42929), (671, 43016),

Gene: RomaT_47 Start: 42310, Stop: 43374, Start Num: 151

Candidate Starts for RomaT_47:

(Start: 151 @42310 has 50 MA's), (184, 42373), (236, 42454), (271, 42520), (279, 42535), (288, 42547), (298, 42574), (343, 42631), (346, 42640), (413, 42787), (419, 42802), (439, 42856), (452, 42889), (467, 42928), (475, 42940), (518, 43021), (533, 43039), (535, 43042), (552, 43087), (596, 43198), (649, 43309), (658, 43330), (673, 43363),

Gene: Romney_10 Start: 5880, Stop: 6860, Start Num: 177

Candidate Starts for Romney_10:

(Start: 177 @5880 has 116 MA's), (Start: 179 @5883 has 14 MA's), (190, 5907), (Start: 202 @5928 has 32 MA's), (Start: 203 @5931 has 2 MA's), (362, 6180), (389, 6237), (432, 6321), (439, 6342), (450, 6369), (479, 6426), (550, 6576), (594, 6687), (598, 6699), (607, 6711), (639, 6777),

Gene: Ronan_248 Start: 142911, Stop: 143939, Start Num: 158

Candidate Starts for Ronan_248:

(Start: 158 @142911 has 220 MA's), (Start: 175 @142941 has 331 MA's), (Start: 203 @142995 has 2 MA's), (243, 143058), (254, 143079), (Start: 297 @143163 has 1 MA's), (331, 143205), (339, 143217), (346, 143232), (378, 143301), (389, 143328), (414, 143382), (427, 143427), (428, 143430), (460, 143508), (468, 143529), (521, 143640), (565, 143730), (570, 143748), (611, 143820), (625, 143853),

Gene: Roosevelt_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Roosevelt_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Roots515_255 Start: 146075, Stop: 147103, Start Num: 158

Candidate Starts for Roots515_255:

(Start: 158 @146075 has 220 MA's), (Start: 175 @146105 has 331 MA's), (182, 146117), (Start: 203 @146159 has 2 MA's), (243, 146222), (254, 146243), (Start: 297 @146327 has 1 MA's), (331, 146369), (339, 146381), (346, 146396), (378, 146465), (389, 146492), (414, 146546), (427, 146591), (428, 146594), (460, 146672), (468, 146693), (521, 146804), (565, 146894), (570, 146912), (611, 146984), (625, 147017),

Gene: Rope_39 Start: 34990, Stop: 36039, Start Num: 158

Candidate Starts for Rope_39:

(Start: 158 @34990 has 220 MA's), (201, 35074), (Start: 206 @35083 has 15 MA's), (222, 35107), (243, 35137), (254, 35158), (274, 35194), (288, 35215), (293, 35224), (Start: 297 @35242 has 1 MA's), (346, 35311), (410, 35464), (446, 35563), (458, 35590), (492, 35662), (529, 35716), (593, 35869), (606, 35893), (611, 35902), (628, 35944), (630, 35947), (632, 35953), (641, 35962), (653, 35998), (658, 36007), (663, 36016),

Gene: Rosa24_9 Start: 5856, Stop: 6836, Start Num: 177

Candidate Starts for Rosa24_9:

(Start: 177 @5856 has 116 MA's), (190, 5883), (Start: 202 @5904 has 32 MA's), (Start: 203 @5907 has 2 MA's), (362, 6156), (389, 6213), (396, 6225), (420, 6276), (432, 6297), (450, 6345), (479, 6402), (550, 6552), (598, 6675), (607, 6687), (639, 6753),

Gene: Roscoe_50 Start: 41942, Stop: 43297, Start Num: 89

Candidate Starts for Roscoe_50:

(Start: 89 @41942 has 280 MA's), (Start: 105 @41993 has 11 MA's), (119, 42026), (185, 42155), (186, 42158), (194, 42173), (249, 42269), (273, 42308), (287, 42338), (300, 42374), (354, 42485), (365, 42515), (367, 42518), (397, 42584), (457, 42743), (477, 42791), (481, 42809), (504, 42857), (566, 43001), (588, 43061), (628, 43166), (671, 43253),

Gene: Rose5_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for Rose5_26:

(Start: 169 @25547 has 29 MA's), (263, 25700), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (322, 25823), (333, 25838), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: RoseMarie_40 Start: 34197, Stop: 35168, Start Num: 206

Candidate Starts for RoseMarie_40:

(197, 34182), (Start: 206 @34197 has 15 MA's), (220, 34221), (228, 34236), (252, 34287), (295, 34374), (Start: 313 @34407 has 1 MA's), (333, 34431), (339, 34440), (356, 34485), (362, 34497), (378, 34524), (389, 34551), (416, 34608), (440, 34665), (443, 34674), (444, 34677), (495, 34779), (563, 34932), (564, 34935), (592, 34995), (593, 34998), (596, 35007), (599, 35016), (621, 35052), (626, 35067), (642, 35106), (653, 35139),

Gene: Rosmarinus_31 Start: 26482, Stop: 27354, Start Num: 227

Candidate Starts for Rosmarinus_31:

(85, 26152), (165, 26380), (Start: 209 @26455 has 127 MA's), (Start: 227 @26482 has 136 MA's), (Start: 238 @26494 has 1 MA's), (275, 26563), (288, 26590), (300, 26620), (307, 26629), (327, 26665), (332, 26674), (346, 26707), (352, 26725), (367, 26755), (397, 26815), (465, 26950), (478, 26977), (489, 26998), (499, 27022), (539, 27073), (596, 27175), (621, 27211), (630, 27235), (674, 27334), (676, 27343),

Gene: Rossetti_28 Start: 26527, Stop: 27555, Start Num: 169

Candidate Starts for Rossetti_28:

(Start: 169 @26527 has 29 MA's), (261, 26677), (325, 26806), (330, 26815), (389, 26947), (441, 27064), (444, 27073), (445, 27076), (452, 27091), (479, 27166), (485, 27181), (548, 27295), (557, 27322), (567, 27349), (571, 27364), (581, 27376), (618, 27442),

Gene: Rowdy_13 Start: 5759, Stop: 6733, Start Num: 175

Candidate Starts for Rowdy_13:

(Start: 175 @5759 has 331 MA's), (Start: 203 @5813 has 2 MA's), (237, 5861), (299, 5966), (389, 6128), (398, 6143), (407, 6164), (439, 6236), (444, 6251), (474, 6320), (479, 6338), (502, 6383), (513, 6401), (552, 6479), (559, 6506), (565, 6521), (571, 6542), (593, 6581), (620, 6632), (640, 6674), (663, 6725),

Gene: Roy17_49 Start: 41396, Stop: 42751, Start Num: 89

Candidate Starts for Roy17_49:

(Start: 89 @41396 has 280 MA's), (Start: 105 @41447 has 11 MA's), (119, 41480), (185, 41609), (186, 41612), (194, 41627), (249, 41723), (273, 41762), (287, 41792), (300, 41828), (354, 41939), (365, 41969), (367, 41972), (397, 42038), (457, 42197), (477, 42245), (481, 42263), (504, 42311), (566, 42455), (588, 42515), (628, 42620), (671, 42707),

Gene: Royals2015_31 Start: 27614, Stop: 28615, Start Num: 164

Candidate Starts for Royals2015_31:

(Start: 164 @27614 has 214 MA's), (Start: 203 @27689 has 2 MA's), (243, 27752), (254, 27773), (Start: 297 @27857 has 1 MA's), (Start: 313 @27881 has 1 MA's), (331, 27896), (339, 27908), (389, 28019), (440, 28133), (446, 28151), (464, 28190), (474, 28214), (487, 28250), (502, 28277), (521, 28316), (552, 28364), (570, 28424), (603, 28484), (625, 28529), (630, 28541), (644, 28571),

Gene: Rubeelu_27 Start: 22757, Stop: 23917, Start Num: 110

Candidate Starts for Rubeelu_27:

(10, 21803), (15, 21998), (29, 22232), (43, 22385), (Start: 110 @22757 has 51 MA's), (134, 22814), (178, 22901), (249, 23021), (327, 23165), (334, 23177), (354, 23231), (365, 23261), (379, 23282), (397, 23327), (461, 23477), (465, 23489), (477, 23516), (483, 23537), (506, 23585), (517, 23603), (579, 23681), (590, 23696), (621, 23762), (674, 23879),

Gene: Rubeus_10 Start: 5590, Stop: 6558, Start Num: 175

Candidate Starts for Rubeus_10:

(Start: 175 @5590 has 331 MA's), (Start: 191 @5623 has 6 MA's), (Start: 202 @5641 has 32 MA's), (Start: 203 @5644 has 2 MA's), (366, 5911), (389, 5962), (396, 5974), (430, 6049), (455, 6112), (461, 6124), (468, 6145), (474, 6157), (479, 6175), (487, 6193), (500, 6217), (521, 6256), (563, 6337), (570, 6361), (571, 6364), (572, 6367), (581, 6376), (624, 6463), (663, 6550),

Gene: Ruby_33 Start: 28455, Stop: 29525, Start Num: 164

Candidate Starts for Ruby_33:

(138, 28404), (Start: 164 @28455 has 214 MA's), (Start: 175 @28476 has 331 MA's), (Start: 179 @28482 has 14 MA's), (Start: 191 @28509 has 6 MA's), (197, 28518), (236, 28578), (248, 28605), (288, 28671), (316, 28725), (346, 28767), (366, 28818), (403, 28902), (413, 28932), (423, 28965),

(445, 29040), (454, 29061), (518, 29190), (552, 29262), (592, 29358), (596, 29370), (630, 29439), (654, 29496), (660, 29505),

Gene: Rufus_10 Start: 5647, Stop: 6615, Start Num: 175

Candidate Starts for Rufus_10:

(Start: 175 @5647 has 331 MA's), (Start: 191 @5680 has 6 MA's), (Start: 202 @5698 has 32 MA's), (Start: 203 @5701 has 2 MA's), (366, 5968), (389, 6019), (396, 6031), (430, 6106), (455, 6169), (468, 6202), (479, 6232), (487, 6250), (500, 6274), (521, 6313), (563, 6394), (570, 6418), (571, 6421), (572, 6424), (581, 6433), (624, 6520), (663, 6607),

Gene: Ruin_10 Start: 5880, Stop: 6860, Start Num: 177

Candidate Starts for Ruin_10:

(Start: 177 @5880 has 116 MA's), (Start: 179 @5883 has 14 MA's), (190, 5907), (Start: 202 @5928 has 32 MA's), (Start: 203 @5931 has 2 MA's), (362, 6180), (389, 6237), (432, 6321), (439, 6342), (450, 6369), (479, 6426), (550, 6576), (594, 6687), (598, 6699), (607, 6711), (639, 6777),

Gene: Rummer_12 Start: 6046, Stop: 7011, Start Num: 166

Candidate Starts for Rummer_12:

(Start: 166 @6046 has 96 MA's), (Start: 191 @6091 has 6 MA's), (Start: 203 @6112 has 2 MA's), (280, 6232), (362, 6370), (389, 6427), (398, 6442), (439, 6523), (444, 6538), (452, 6556), (474, 6607), (479, 6625), (502, 6670), (552, 6766), (571, 6829), (593, 6868), (620, 6919),

Gene: Rumpelstiltskin_28 Start: 26523, Stop: 27551, Start Num: 169

Candidate Starts for Rumpelstiltskin_28:

(Start: 169 @26523 has 29 MA's), (261, 26673), (325, 26802), (330, 26811), (389, 26943), (441, 27060), (444, 27069), (445, 27072), (452, 27087), (479, 27162), (485, 27177), (548, 27291), (557, 27318), (567, 27345), (571, 27360), (581, 27372), (618, 27438),

Gene: Ruotula_9 Start: 6208, Stop: 7176, Start Num: 175

Candidate Starts for Ruotula_9:

(Start: 175 @6208 has 331 MA's), (Start: 191 @6241 has 6 MA's), (Start: 202 @6259 has 32 MA's), (Start: 203 @6262 has 2 MA's), (366, 6529), (389, 6580), (396, 6592), (430, 6667), (455, 6730), (461, 6742), (468, 6763), (474, 6775), (479, 6793), (487, 6811), (500, 6835), (521, 6874), (563, 6955), (570, 6979), (571, 6982), (572, 6985), (581, 6994), (624, 7081), (663, 7168),

Gene: Ruriko_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Ruriko_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Rutherferd_11 Start: 6108, Stop: 7076, Start Num: 175

Candidate Starts for Rutherferd_11:

(Start: 175 @6108 has 331 MA's), (Start: 191 @6141 has 6 MA's), (Start: 202 @6159 has 32 MA's), (Start: 203 @6162 has 2 MA's), (331, 6351), (366, 6429), (389, 6480), (396, 6492), (430, 6567), (455, 6630), (468, 6663), (474, 6675), (479, 6693), (487, 6711), (500, 6735), (521, 6774), (563, 6855), (570, 6879), (571, 6882), (572, 6885), (581, 6894), (624, 6981), (663, 7068),

Gene: Ruthiejr_33 Start: 27519, Stop: 28310, Start Num: 213

Candidate Starts for Ruthiejr_33:

(Start: 213 @27519 has 23 MA's), (Start: 238 @27552 has 1 MA's), (255, 27585), (268, 27609), (280, 27630), (286, 27639), (295, 27669), (300, 27678), (307, 27687), (327, 27723), (371, 27804), (465,

28011), (478, 28038), (489, 28059), (495, 28074), (499, 28083), (594, 28107), (625, 28161), (630, 28173), (659, 28245),

Gene: Ryadel_71 Start: 44253, Stop: 45293, Start Num: 160

Candidate Starts for Ryadel_71:

(Start: 160 @44253 has 30 MA's), (Start: 203 @44328 has 2 MA's), (243, 44409), (246, 44415), (254, 44430), (295, 44511), (Start: 297 @44514 has 1 MA's), (339, 44568), (346, 44583), (389, 44679), (408, 44718), (416, 44748), (427, 44778), (428, 44781), (441, 44814), (468, 44880), (482, 44919), (487, 44928), (502, 44955), (521, 44994), (608, 45168), (630, 45219),

Gene: SDcharge11_49 Start: 41683, Stop: 43038, Start Num: 89

Candidate Starts for SDcharge11_49:

(Start: 89 @41683 has 280 MA's), (Start: 105 @41734 has 11 MA's), (119, 41767), (128, 41785), (185, 41896), (186, 41899), (194, 41914), (249, 42010), (273, 42049), (287, 42079), (300, 42115), (354, 42226), (365, 42256), (367, 42259), (397, 42325), (457, 42484), (477, 42532), (481, 42550), (504, 42598), (566, 42742), (588, 42802), (628, 42907), (671, 42994),

Gene: SG4_32 Start: 28164, Stop: 29234, Start Num: 164

Candidate Starts for SG4_32:

(138, 28110), (Start: 164 @28164 has 214 MA's), (288, 28380), (290, 28383), (316, 28434), (346, 28476), (366, 28527), (413, 28641), (423, 28674), (445, 28749), (454, 28770), (518, 28899), (552, 28971), (592, 29067), (596, 29079), (630, 29148), (654, 29205), (660, 29214),

Gene: STLscum_11 Start: 6179, Stop: 7147, Start Num: 175

Candidate Starts for STLscum_11:

(Start: 175 @6179 has 331 MA's), (Start: 191 @6212 has 6 MA's), (Start: 202 @6230 has 32 MA's), (Start: 203 @6233 has 2 MA's), (331, 6422), (366, 6500), (389, 6551), (396, 6563), (430, 6638), (455, 6701), (468, 6734), (474, 6746), (479, 6764), (487, 6782), (521, 6845), (563, 6926), (570, 6950), (571, 6953), (572, 6956), (581, 6965), (624, 7052), (644, 7097), (663, 7139),

Gene: SVoro_247 Start: 144832, Stop: 145860, Start Num: 158

Candidate Starts for SVoro_247:

(Start: 158 @144832 has 220 MA's), (Start: 175 @144862 has 331 MA's), (182, 144874), (Start: 203 @144916 has 2 MA's), (243, 144979), (254, 145000), (Start: 297 @145084 has 1 MA's), (331, 145126), (339, 145138), (346, 145153), (378, 145222), (389, 145249), (414, 145303), (427, 145348), (428, 145351), (460, 145429), (468, 145450), (521, 145561), (565, 145651), (570, 145669), (611, 145741), (625, 145774),

Gene: Saal_31 Start: 27571, Stop: 28572, Start Num: 164

Candidate Starts for Saal_31:

(Start: 164 @27571 has 214 MA's), (Start: 203 @27646 has 2 MA's), (222, 27679), (243, 27709), (254, 27730), (271, 27760), (278, 27772), (Start: 297 @27814 has 1 MA's), (Start: 313 @27838 has 1 MA's), (331, 27853), (339, 27865), (389, 27976), (440, 28090), (446, 28108), (464, 28147), (474, 28171), (487, 28207), (521, 28273), (570, 28381), (596, 28429), (603, 28441), (625, 28486), (630, 28498), (644, 28528),

Gene: Sabbb_32 Start: 27916, Stop: 28917, Start Num: 164

Candidate Starts for Sabbb_32:

(Start: 164 @27916 has 214 MA's), (Start: 203 @27991 has 2 MA's), (222, 28024), (243, 28054), (254, 28075), (271, 28105), (Start: 297 @28159 has 1 MA's), (Start: 313 @28183 has 1 MA's), (331, 28198), (339, 28210), (389, 28321), (440, 28435), (446, 28453), (464, 28492), (474, 28516), (487, 28552), (502, 28579), (521, 28618), (570, 28726), (596, 28774), (603, 28786), (625, 28831), (630, 28843), (644, 28873),

Gene: Sabertooth_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Sabertooth_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Sabia_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for Sabia_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: Sabinator_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Sabinator_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Sagefire_11 Start: 6861, Stop: 7829, Start Num: 175

Candidate Starts for Sagefire_11:

(Start: 175 @6861 has 331 MA's), (Start: 191 @6894 has 6 MA's), (Start: 202 @6912 has 32 MA's), (Start: 203 @6915 has 2 MA's), (366, 7182), (389, 7233), (396, 7245), (430, 7320), (455, 7383), (461, 7395), (468, 7416), (474, 7428), (479, 7446), (487, 7464), (500, 7488), (521, 7527), (563, 7608), (570, 7632), (571, 7635), (572, 7638), (581, 7647), (624, 7734), (663, 7821),

Gene: Saints25_36 Start: 31516, Stop: 32373, Start Num: 209

Candidate Starts for Saints25_36:

(Start: 209 @31516 has 127 MA's), (229, 31555), (244, 31585), (255, 31606), (274, 31642), (288, 31672), (327, 31747), (352, 31795), (355, 31798), (365, 31822), (367, 31825), (378, 31840), (443, 32011), (494, 32125), (501, 32140), (504, 32146), (582, 32188), (584, 32191), (612, 32245), (646, 32323), (662, 32356),

Gene: Salacia_254 Start: 146399, Stop: 147427, Start Num: 158

Candidate Starts for Salacia_254:

(Start: 158 @146399 has 220 MA's), (Start: 175 @146429 has 331 MA's), (182, 146441), (Start: 203 @146483 has 2 MA's), (243, 146546), (254, 146567), (Start: 297 @146651 has 1 MA's), (331, 146693), (339, 146705), (346, 146720), (378, 146789), (389, 146816), (414, 146870), (427, 146915), (428, 146918), (460, 146996), (468, 147017), (521, 147128), (565, 147218), (570, 147236), (611, 147308), (625, 147341),

Gene: SallyH_50 Start: 41850, Stop: 43205, Start Num: 89

Candidate Starts for SallyH_50:

(Start: 89 @41850 has 280 MA's), (Start: 105 @41901 has 11 MA's), (119, 41934), (185, 42063), (186, 42066), (194, 42081), (249, 42177), (273, 42216), (287, 42246), (300, 42282), (354, 42393), (365, 42423), (367, 42426), (397, 42492), (457, 42651), (477, 42699), (481, 42717), (504, 42765), (566, 42909), (588, 42969), (628, 43074), (671, 43161),

Gene: SamScheppers_32 Start: 28032, Stop: 28823, Start Num: 213

Candidate Starts for SamScheppers_32:

(Start: 213 @28032 has 23 MA's), (Start: 238 @28065 has 1 MA's), (255, 28098), (268, 28122), (280, 28143), (286, 28152), (295, 28182), (300, 28191), (307, 28200), (327, 28236), (371, 28317), (465, 28524), (478, 28551), (489, 28572), (495, 28587), (499, 28596), (594, 28620), (625, 28674), (630,

28686), (659, 28758),

Gene: Samaymay_49 Start: 41696, Stop: 43051, Start Num: 89

Candidate Starts for Samaymay_49:

(Start: 89 @41696 has 280 MA's), (Start: 105 @41747 has 11 MA's), (119, 41780), (185, 41909), (186, 41912), (194, 41927), (249, 42023), (273, 42062), (287, 42092), (300, 42128), (354, 42239), (365, 42269), (367, 42272), (397, 42338), (457, 42497), (477, 42545), (481, 42563), (504, 42611), (566, 42755), (588, 42815), (628, 42920), (671, 43007),

Gene: Samty_28 Start: 26853, Stop: 27896, Start Num: 111

Candidate Starts for Samty_28:

(Start: 111 @26853 has 20 MA's), (113, 26859), (126, 26886), (134, 26907), (159, 26958), (200, 27039), (259, 27144), (302, 27225), (307, 27231), (360, 27327), (369, 27345), (374, 27351), (377, 27357), (407, 27429), (436, 27486), (438, 27489), (466, 27546), (501, 27621), (514, 27642), (590, 27666), (594, 27681), (598, 27693), (630, 27750), (674, 27852), (677, 27873),

Gene: SamuelLPlaqson_31 Start: 26382, Stop: 27254, Start Num: 227

Candidate Starts for SamuelLPlaqson_31:

(165, 26280), (Start: 209 @26355 has 127 MA's), (Start: 227 @26382 has 136 MA's), (Start: 238 @26394 has 1 MA's), (275, 26463), (288, 26490), (300, 26520), (307, 26529), (327, 26565), (332, 26574), (346, 26607), (352, 26625), (397, 26715), (465, 26850), (478, 26877), (489, 26898), (499, 26922), (539, 26973), (596, 27075), (621, 27111), (630, 27135), (674, 27234), (676, 27243),

Gene: Sandaddy_9 Start: 6038, Stop: 6952, Start Num: 203

Candidate Starts for Sandaddy_9:

(Start: 175 @5984 has 331 MA's), (Start: 191 @6017 has 6 MA's), (Start: 202 @6035 has 32 MA's), (Start: 203 @6038 has 2 MA's), (366, 6305), (389, 6356), (396, 6368), (430, 6443), (455, 6506), (468, 6539), (474, 6551), (479, 6569), (487, 6587), (521, 6650), (563, 6731), (570, 6755), (571, 6758), (572, 6761), (581, 6770), (624, 6857), (644, 6902), (663, 6944),

Gene: Sandalphon_32 Start: 28302, Stop: 29303, Start Num: 164

Candidate Starts for Sandalphon_32:

(Start: 164 @28302 has 214 MA's), (Start: 203 @28377 has 2 MA's), (222, 28410), (243, 28440), (254, 28461), (Start: 297 @28545 has 1 MA's), (Start: 313 @28569 has 1 MA's), (331, 28584), (339, 28596), (389, 28707), (440, 28821), (446, 28839), (464, 28878), (474, 28902), (487, 28938), (502, 28965), (521, 29004), (570, 29112), (603, 29172), (630, 29229), (644, 29259),

Gene: Sanya_9 Start: 6646, Stop: 7614, Start Num: 175

Candidate Starts for Sanya_9:

(Start: 175 @6646 has 331 MA's), (Start: 191 @6679 has 6 MA's), (Start: 202 @6697 has 32 MA's), (Start: 203 @6700 has 2 MA's), (366, 6967), (389, 7018), (396, 7030), (430, 7105), (455, 7168), (461, 7180), (468, 7201), (474, 7213), (479, 7231), (487, 7249), (500, 7273), (521, 7312), (563, 7393), (570, 7417), (571, 7420), (572, 7423), (581, 7432), (624, 7519), (663, 7606),

Gene: SarFire_10 Start: 5845, Stop: 6813, Start Num: 175

Candidate Starts for SarFire_10:

(Start: 175 @5845 has 331 MA's), (Start: 191 @5878 has 6 MA's), (Start: 202 @5896 has 32 MA's), (Start: 203 @5899 has 2 MA's), (366, 6166), (383, 6202), (389, 6217), (396, 6229), (430, 6304), (455, 6367), (468, 6400), (474, 6412), (479, 6430), (487, 6448), (500, 6472), (521, 6511), (563, 6592), (570, 6616), (571, 6619), (572, 6622), (581, 6631), (624, 6718), (663, 6805),

Gene: Sarma624_27 Start: 23733, Stop: 24731, Start Num: 158

Candidate Starts for Sarma624_27:

(Start: 158 @23733 has 220 MA's), (Start: 203 @23808 has 2 MA's), (243, 23868), (254, 23889), (Start: 297 @23973 has 1 MA's), (339, 24024), (346, 24039), (389, 24135), (430, 24222), (439, 24246), (446, 24267), (464, 24306), (468, 24318), (487, 24366), (502, 24393), (516, 24417), (521, 24432), (570, 24540), (596, 24588), (630, 24657), (644, 24687),

Gene: Sarshaun_28 Start: 26336, Stop: 27307, Start Num: 112

Candidate Starts for Sarshaun_28:

(Start: 112 @26336 has 24 MA's), (134, 26390), (192, 26510), (211, 26540), (219, 26555), (Start: 238 @26588 has 1 MA's), (240, 26591), (244, 26600), (255, 26621), (288, 26684), (307, 26711), (319, 26735), (338, 26765), (365, 26816), (374, 26828), (402, 26891), (407, 26906), (431, 26966), (437, 26981), (478, 27062), (488, 27080), (489, 27083), (491, 27086), (597, 27137), (625, 27182), (644, 27224), (664, 27266),

Gene: Sassafras_32 Start: 28184, Stop: 29200, Start Num: 164

Candidate Starts for Sassafras_32:

(84, 27953), (85, 27956), (93, 28004), (142, 28139), (144, 28148), (Start: 164 @28184 has 214 MA's), (232, 28316), (243, 28337), (254, 28358), (271, 28388), (278, 28400), (Start: 297 @28442 has 1 MA's), (339, 28493), (389, 28604), (440, 28718), (446, 28736), (464, 28775), (474, 28799), (487, 28835), (502, 28862), (521, 28901), (552, 28949), (570, 29009), (596, 29057), (603, 29069), (625, 29114), (630, 29126), (644, 29156),

Gene: Sassay_34 Start: 31362, Stop: 32219, Start Num: 209

Candidate Starts for Sassay_34:

(Start: 209 @31362 has 127 MA's), (229, 31401), (244, 31431), (255, 31452), (274, 31488), (288, 31518), (327, 31593), (352, 31641), (355, 31644), (365, 31668), (367, 31671), (378, 31686), (443, 31857), (494, 31971), (501, 31986), (504, 31992), (582, 32034), (584, 32037), (612, 32091), (646, 32169), (662, 32202),

Gene: SassyB_31 Start: 27830, Stop: 28831, Start Num: 164

Candidate Starts for SassyB_31:

(Start: 164 @27830 has 214 MA's), (Start: 203 @27905 has 2 MA's), (222, 27938), (243, 27968), (254, 27989), (Start: 297 @28073 has 1 MA's), (Start: 313 @28097 has 1 MA's), (331, 28112), (339, 28124), (389, 28235), (446, 28367), (464, 28406), (474, 28430), (487, 28466), (502, 28493), (521, 28532), (570, 28640), (603, 28700), (625, 28745), (630, 28757), (644, 28787),

Gene: SassyCat97_48 Start: 41423, Stop: 42778, Start Num: 89

Candidate Starts for SassyCat97_48:

(Start: 89 @41423 has 280 MA's), (Start: 105 @41474 has 11 MA's), (119, 41507), (128, 41525), (185, 41636), (186, 41639), (194, 41654), (249, 41750), (273, 41789), (287, 41819), (300, 41855), (354, 41966), (365, 41996), (367, 41999), (397, 42065), (457, 42224), (477, 42272), (481, 42290), (504, 42338), (566, 42482), (588, 42542), (628, 42647), (671, 42734),

Gene: SaturnRing_10 Start: 5739, Stop: 6479, Start Num: 315

Candidate Starts for SaturnRing_10:

(220, 5622), (Start: 315 @5739 has 18 MA's), (362, 5826), (389, 5883), (396, 5895), (398, 5898), (408, 5922), (414, 5937), (427, 5955), (439, 5985), (441, 5991), (444, 6000), (452, 6018), (474, 6069), (479, 6087), (518, 6159), (546, 6201), (552, 6228), (559, 6255), (570, 6288), (571, 6291), (593, 6330), (666, 6471),

Gene: Sauce_249 Start: 144258, Stop: 145286, Start Num: 158

Candidate Starts for Sauce_249:

(Start: 158 @144258 has 220 MA's), (Start: 175 @144288 has 331 MA's), (182, 144300), (Start: 203 @144342 has 2 MA's), (243, 144405), (254, 144426), (Start: 297 @144510 has 1 MA's), (331,

144552), (339, 144564), (346, 144579), (378, 144648), (389, 144675), (414, 144729), (427, 144774), (428, 144777), (460, 144855), (468, 144876), (521, 144987), (565, 145077), (570, 145095), (611, 145167), (625, 145200),

Gene: Sbash_26 Start: 24238, Stop: 25410, Start Num: 109

Candidate Starts for Sbash_26:

(88, 24169), (Start: 109 @24238 has 3 MA's), (134, 24292), (135, 24295), (156, 24337), (178, 24379), (249, 24502), (264, 24523), (300, 24607), (327, 24646), (379, 24763), (397, 24808), (404, 24823), (434, 24904), (461, 24958), (465, 24970), (477, 24997), (483, 25018), (508, 25069), (517, 25084), (524, 25102), (571, 25162), (621, 25255), (651, 25330),

Gene: Scamp_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Scamp_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Scarlett_30 Start: 25696, Stop: 26436, Start Num: 227

Candidate Starts for Scarlett_30:

(Start: 209 @25669 has 127 MA's), (Start: 227 @25696 has 136 MA's), (255, 25741), (275, 25777), (307, 25834), (327, 25870), (346, 25912), (367, 25960), (397, 26020), (465, 26155), (478, 26182), (491, 26209), (499, 26227), (594, 26251), (621, 26293), (628, 26314), (630, 26317), (674, 26416),

Gene: Schadenfreude_48 Start: 41262, Stop: 42617, Start Num: 89

Candidate Starts for Schadenfreude_48:

(Start: 89 @41262 has 280 MA's), (Start: 105 @41313 has 11 MA's), (119, 41346), (185, 41475), (186, 41478), (194, 41493), (249, 41589), (273, 41628), (287, 41658), (300, 41694), (354, 41805), (365, 41835), (367, 41838), (397, 41904), (457, 42063), (477, 42111), (481, 42129), (504, 42177), (566, 42321), (588, 42381), (628, 42486), (671, 42573),

Gene: Schatzie_46 Start: 41633, Stop: 42505, Start Num: 202

Candidate Starts for Schatzie_46:

(Start: 202 @41633 has 32 MA's), (Start: 218 @41660 has 1 MA's), (251, 41720), (278, 41768), (308, 41834), (327, 41855), (342, 41876), (364, 41930), (400, 42011), (522, 42290), (524, 42293), (545, 42317), (579, 42353), (590, 42368), (593, 42380), (601, 42401),

Gene: Schiebel_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Schiebel_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (285, 25567), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: SchoolBus_67 Start: 43413, Stop: 44453, Start Num: 160

Candidate Starts for SchoolBus_67:

(Start: 160 @43413 has 30 MA's), (Start: 203 @43488 has 2 MA's), (243, 43569), (246, 43575), (254, 43590), (295, 43671), (Start: 297 @43674 has 1 MA's), (339, 43728), (346, 43743), (389, 43839), (408, 43878), (416, 43908), (427, 43938), (428, 43941), (441, 43974), (468, 44040), (487, 44088), (502, 44115), (521, 44154), (608, 44328), (630, 44379),

Gene: Schueller_48 Start: 41421, Stop: 42776, Start Num: 89

Candidate Starts for Schueller_48:

(Start: 89 @41421 has 280 MA's), (Start: 105 @41472 has 11 MA's), (119, 41505), (128, 41523), (185, 41634), (186, 41637), (194, 41652), (249, 41748), (273, 41787), (287, 41817), (300, 41853), (354, 41964), (365, 41994), (367, 41997), (397, 42063), (457, 42222), (477, 42270), (481, 42288), (504, 42336), (566, 42480), (588, 42540), (628, 42645), (671, 42732),

Gene: Schuy_68 Start: 43204, Stop: 44244, Start Num: 160

Candidate Starts for Schuy_68:

(Start: 160 @43204 has 30 MA's), (Start: 203 @43279 has 2 MA's), (243, 43360), (246, 43366), (254, 43381), (295, 43462), (Start: 297 @43465 has 1 MA's), (339, 43519), (346, 43534), (389, 43630), (408, 43669), (416, 43699), (427, 43729), (428, 43732), (441, 43765), (468, 43831), (482, 43870), (487, 43879), (502, 43906), (521, 43945), (608, 44119), (630, 44170),

Gene: Scoot17C_50 Start: 41839, Stop: 43194, Start Num: 89

Candidate Starts for Scoot17C_50:

(Start: 89 @41839 has 280 MA's), (Start: 105 @41890 has 11 MA's), (119, 41923), (185, 42052), (186, 42055), (194, 42070), (249, 42166), (273, 42205), (287, 42235), (300, 42271), (354, 42382), (365, 42412), (367, 42415), (397, 42481), (457, 42640), (477, 42688), (481, 42706), (504, 42754), (566, 42898), (588, 42958), (628, 43063), (671, 43150),

Gene: ScottMcG_244 Start: 143459, Stop: 144487, Start Num: 158

Candidate Starts for ScottMcG_244:

(Start: 158 @143459 has 220 MA's), (Start: 175 @143489 has 331 MA's), (182, 143501), (Start: 203 @143543 has 2 MA's), (243, 143606), (254, 143627), (Start: 297 @143711 has 1 MA's), (331, 143753), (339, 143765), (346, 143780), (378, 143849), (389, 143876), (414, 143930), (427, 143975), (428, 143978), (460, 144056), (468, 144077), (521, 144188), (565, 144278), (570, 144296), (611, 144368), (625, 144401),

Gene: Scottish_32 Start: 28820, Stop: 29821, Start Num: 164

Candidate Starts for Scottish_32:

(100, 28658), (Start: 164 @28820 has 214 MA's), (Start: 203 @28895 has 2 MA's), (222, 28928), (243, 28958), (254, 28979), (271, 29009), (278, 29021), (Start: 297 @29063 has 1 MA's), (Start: 313 @29087 has 1 MA's), (331, 29102), (339, 29114), (389, 29225), (440, 29339), (446, 29357), (464, 29396), (474, 29420), (487, 29456), (502, 29483), (521, 29522), (552, 29570), (570, 29630), (596, 29678), (603, 29690), (625, 29735), (630, 29747), (644, 29777),

Gene: Scout_10 Start: 5032, Stop: 5772, Start Num: 315

Candidate Starts for Scout_10:

(Start: 315 @5032 has 18 MA's), (362, 5119), (389, 5176), (396, 5188), (398, 5191), (408, 5215), (414, 5230), (427, 5248), (439, 5278), (441, 5284), (452, 5311), (479, 5380), (518, 5452), (546, 5494), (552, 5521), (559, 5548), (570, 5581), (571, 5584), (593, 5623), (666, 5764),

Gene: Scowl_11 Start: 6537, Stop: 7505, Start Num: 175

Candidate Starts for Scowl_11:

(Start: 175 @6537 has 331 MA's), (Start: 191 @6570 has 6 MA's), (Start: 202 @6588 has 32 MA's), (Start: 203 @6591 has 2 MA's), (366, 6858), (389, 6909), (396, 6921), (430, 6996), (455, 7059), (461, 7071), (468, 7092), (474, 7104), (479, 7122), (487, 7140), (500, 7164), (521, 7203), (563, 7284), (570, 7308), (571, 7311), (572, 7314), (581, 7323), (624, 7410), (663, 7497),

Gene: Scrick_49 Start: 41432, Stop: 42787, Start Num: 89

Candidate Starts for Scrick_49:

(Start: 89 @41432 has 280 MA's), (Start: 105 @41483 has 11 MA's), (119, 41516), (185, 41645), (186, 41648), (194, 41663), (249, 41759), (273, 41798), (287, 41828), (300, 41864), (354, 41975), (365, 42005), (367, 42008), (397, 42074), (457, 42233), (477, 42281), (481, 42299), (504, 42347), (566,

42491), (588, 42551), (628, 42656), (671, 42743),

Gene: Seabastian_31 Start: 27728, Stop: 28729, Start Num: 164

Candidate Starts for Seabastian_31:

(33, 27107), (40, 27185), (44, 27248), (52, 27287), (64, 27419), (70, 27440), (79, 27476), (119, 27629), (Start: 164 @27728 has 214 MA's), (Start: 175 @27749 has 331 MA's), (182, 27761), (Start: 203 @27803 has 2 MA's), (222, 27836), (243, 27866), (254, 27887), (Start: 297 @27971 has 1 MA's), (Start: 313 @27995 has 1 MA's), (331, 28010), (339, 28022), (389, 28133), (440, 28247), (446, 28265), (464, 28304), (474, 28328), (487, 28364), (502, 28391), (521, 28430), (570, 28538), (596, 28586), (603, 28598), (624, 28640), (625, 28643), (630, 28655), (644, 28685),

Gene: Seabiscuit_11 Start: 5728, Stop: 6696, Start Num: 175

Candidate Starts for Seabiscuit_11:

(Start: 175 @5728 has 331 MA's), (Start: 191 @5761 has 6 MA's), (Start: 202 @5779 has 32 MA's), (Start: 203 @5782 has 2 MA's), (366, 6049), (389, 6100), (396, 6112), (430, 6187), (455, 6250), (468, 6283), (474, 6295), (479, 6313), (487, 6331), (500, 6355), (521, 6394), (563, 6475), (570, 6499), (571, 6502), (572, 6505), (581, 6514), (624, 6601), (663, 6688),

Gene: Seagreen_32 Start: 27637, Stop: 28638, Start Num: 164

Candidate Starts for Seagreen_32:

(Start: 164 @27637 has 214 MA's), (Start: 203 @27712 has 2 MA's), (222, 27745), (243, 27775), (254, 27796), (Start: 297 @27880 has 1 MA's), (Start: 313 @27904 has 1 MA's), (331, 27919), (339, 27931), (389, 28042), (440, 28156), (446, 28174), (464, 28213), (474, 28237), (487, 28273), (502, 28300), (521, 28339), (570, 28447), (596, 28495), (603, 28507), (625, 28552), (630, 28564), (644, 28594),

Gene: Seanderson_11 Start: 6516, Stop: 7478, Start Num: 175

Candidate Starts for Seanderson_11:

(Start: 175 @6516 has 331 MA's), (Start: 191 @6549 has 6 MA's), (Start: 202 @6567 has 32 MA's), (Start: 203 @6570 has 2 MA's), (339, 6771), (366, 6837), (389, 6882), (432, 6972), (464, 7053), (468, 7065), (474, 7077), (479, 7095), (487, 7113), (500, 7137), (521, 7176), (563, 7257), (570, 7281), (571, 7284), (572, 7287), (581, 7296), (618, 7362), (624, 7383), (663, 7470),

Gene: Sebata_252 Start: 145118, Stop: 146146, Start Num: 158

Candidate Starts for Sebata_252:

(Start: 158 @145118 has 220 MA's), (Start: 175 @145148 has 331 MA's), (Start: 203 @145202 has 2 MA's), (243, 145265), (254, 145286), (Start: 297 @145370 has 1 MA's), (331, 145412), (339, 145424), (346, 145439), (378, 145508), (389, 145535), (414, 145589), (427, 145634), (428, 145637), (460, 145715), (468, 145736), (521, 145847), (565, 145937), (570, 145955), (611, 146027), (625, 146060),

Gene: Selr12_49 Start: 41435, Stop: 42790, Start Num: 89

Candidate Starts for Selr12_49:

(Start: 89 @41435 has 280 MA's), (Start: 105 @41486 has 11 MA's), (119, 41519), (185, 41648), (186, 41651), (194, 41666), (249, 41762), (273, 41801), (287, 41831), (300, 41867), (354, 41978), (365, 42008), (367, 42011), (397, 42077), (457, 42236), (477, 42284), (481, 42302), (504, 42350), (566, 42494), (588, 42554), (628, 42659), (671, 42746),

Gene: SemperFi_13 Start: 6800, Stop: 7792, Start Num: 175

Candidate Starts for SemperFi_13:

(Start: 175 @6800 has 331 MA's), (Start: 202 @6851 has 32 MA's), (Start: 203 @6854 has 2 MA's), (222, 6887), (237, 6902), (309, 7022), (331, 7028), (368, 7115), (389, 7160), (450, 7292), (476, 7331), (497, 7379), (542, 7460), (552, 7502), (580, 7589), (607, 7637), (636, 7703), (669, 7778),

Gene: Send513_39 Start: 35346, Stop: 36395, Start Num: 158

Candidate Starts for Send513_39:

(Start: 158 @35346 has 220 MA's), (201, 35430), (Start: 206 @35439 has 15 MA's), (222, 35463), (243, 35493), (254, 35514), (265, 35532), (274, 35550), (288, 35571), (293, 35580), (Start: 297 @35598 has 1 MA's), (316, 35625), (346, 35667), (384, 35757), (404, 35799), (410, 35820), (446, 35919), (458, 35946), (492, 36018), (529, 36072), (592, 36222), (606, 36249), (611, 36258), (628, 36300), (630, 36303), (632, 36309), (641, 36318), (653, 36354), (658, 36363), (663, 36372),

Gene: SenorClean_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for SenorClean_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Serendipity_49 Start: 41720, Stop: 43075, Start Num: 89

Candidate Starts for Serendipity_49:

(Start: 89 @41720 has 280 MA's), (Start: 105 @41771 has 11 MA's), (119, 41804), (185, 41933), (186, 41936), (194, 41951), (249, 42047), (273, 42086), (287, 42116), (300, 42152), (354, 42263), (365, 42293), (367, 42296), (397, 42362), (457, 42521), (477, 42569), (481, 42587), (504, 42635), (566, 42779), (588, 42839), (628, 42944), (671, 43031),

Gene: Serenity_10 Start: 5599, Stop: 6363, Start Num: 311

Candidate Starts for Serenity_10:

(Start: 311 @5599 has 12 MA's), (389, 5743), (440, 5857), (444, 5869), (474, 5938), (479, 5956), (513, 6019), (552, 6097), (559, 6124), (565, 6139), (570, 6157), (571, 6160), (620, 6250), (645, 6319),

Gene: Serpentine_0049 Start: 41719, Stop: 43074, Start Num: 89

Candidate Starts for Serpentine_0049:

(Start: 89 @41719 has 280 MA's), (Start: 105 @41770 has 11 MA's), (119, 41803), (185, 41932), (186, 41935), (194, 41950), (249, 42046), (273, 42085), (287, 42115), (300, 42151), (354, 42262), (365, 42292), (367, 42295), (397, 42361), (457, 42520), (477, 42568), (481, 42586), (504, 42634), (566, 42778), (588, 42838), (628, 42943), (671, 43030),

Gene: Severus_9 Start: 3780, Stop: 4754, Start Num: 175

Candidate Starts for Severus_9:

(152, 3741), (Start: 175 @3780 has 331 MA's), (Start: 191 @3813 has 6 MA's), (Start: 203 @3834 has 2 MA's), (Start: 315 @4002 has 18 MA's), (339, 4044), (344, 4059), (389, 4164), (430, 4236), (440, 4263), (441, 4266), (444, 4275), (479, 4362), (552, 4509), (571, 4572), (593, 4611), (618, 4653),

Gene: SgtBeansprout_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for SgtBeansprout_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: ShaboiShabazz_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for ShaboiShabazz_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Shaboozey_41 Start: 36415, Stop: 37287, Start Num: 202

Candidate Starts for Shaboozey_41:

(Start: 202 @36415 has 32 MA's), (Start: 218 @36442 has 1 MA's), (251, 36502), (278, 36550), (308, 36616), (327, 36637), (342, 36658), (364, 36712), (400, 36793), (522, 37072), (524, 37075), (545, 37099), (579, 37135), (590, 37150), (593, 37162), (601, 37183), (633, 37255),

Gene: Shadow1_30 Start: 25713, Stop: 26456, Start Num: 226

Candidate Starts for Shadow1_30:

(165, 25611), (176, 25632), (196, 25665), (Start: 209 @25686 has 127 MA's), (Start: 226 @25713 has 29 MA's), (251, 25755), (255, 25761), (275, 25797), (300, 25845), (307, 25854), (327, 25890), (346, 25932), (397, 26040), (465, 26175), (476, 26190), (478, 26202), (489, 26223), (509, 26238), (559, 26247), (591, 26259), (625, 26325), (657, 26406), (671, 26427), (674, 26436),

Gene: ShadowBud_49 Start: 41730, Stop: 43085, Start Num: 89

Candidate Starts for ShadowBud_49:

(Start: 89 @41730 has 280 MA's), (Start: 105 @41781 has 11 MA's), (119, 41814), (185, 41943), (186, 41946), (194, 41961), (249, 42057), (273, 42096), (287, 42126), (300, 42162), (354, 42273), (365, 42303), (367, 42306), (397, 42372), (457, 42531), (477, 42579), (481, 42597), (504, 42645), (566, 42789), (588, 42849), (628, 42954), (671, 43041),

Gene: Shaka_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Shaka_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: ShamWow_35 Start: 31858, Stop: 32715, Start Num: 209

Candidate Starts for ShamWow_35:

(Start: 209 @31858 has 127 MA's), (229, 31897), (244, 31927), (255, 31948), (274, 31984), (288, 32014), (327, 32089), (352, 32137), (355, 32140), (365, 32164), (367, 32167), (378, 32182), (443, 32353), (488, 32452), (494, 32467), (501, 32482), (504, 32488), (582, 32530), (584, 32533), (612, 32587), (646, 32665), (662, 32698),

Gene: Shaobing_31 Start: 25850, Stop: 26611, Start Num: 227

Candidate Starts for Shaobing_31:

(Start: 209 @25820 has 127 MA's), (Start: 227 @25850 has 136 MA's), (255, 25895), (275, 25931), (302, 25991), (307, 25997), (321, 26027), (327, 26033), (332, 26042), (346, 26075), (364, 26117), (390, 26168), (397, 26183), (465, 26318), (478, 26345), (489, 26366), (491, 26372), (499, 26390), (594, 26423), (596, 26429), (625, 26477), (652, 26549), (674, 26591), (676, 26600),

Gene: Shapes_13 Start: 5759, Stop: 6733, Start Num: 175

Candidate Starts for Shapes_13:

(Start: 175 @5759 has 331 MA's), (Start: 203 @5813 has 2 MA's), (237, 5861), (299, 5966), (389, 6128), (398, 6143), (407, 6164), (439, 6236), (444, 6251), (474, 6320), (479, 6338), (502, 6383), (513, 6401), (552, 6479), (559, 6506), (565, 6521), (571, 6542), (593, 6581), (620, 6632), (640, 6674), (663, 6725),

Gene: Shaqnato_243 Start: 143667, Stop: 144695, Start Num: 158

Candidate Starts for Shaqnato_243:

(Start: 158 @143667 has 220 MA's), (Start: 175 @143697 has 331 MA's), (Start: 203 @143751 has 2 MA's), (243, 143814), (254, 143835), (Start: 297 @143919 has 1 MA's), (331, 143961), (339, 143973), (346, 143988), (378, 144057), (389, 144084), (414, 144138), (427, 144183), (428, 144186), (460, 144264), (468, 144285), (521, 144396), (565, 144486), (570, 144504), (611, 144576), (625, 144609),

Gene: Shauna1_28 Start: 26660, Stop: 27658, Start Num: 158

Candidate Starts for Shauna1_28:

(Start: 158 @26660 has 220 MA's), (Start: 203 @26735 has 2 MA's), (243, 26795), (254, 26816), (Start: 297 @26900 has 1 MA's), (339, 26951), (346, 26966), (389, 27062), (430, 27149), (439, 27173), (446, 27194), (464, 27233), (468, 27245), (487, 27293), (502, 27320), (516, 27344), (521, 27359), (570, 27467), (596, 27515), (630, 27584), (644, 27614),

Gene: ShedlockHolmes_32 Start: 27460, Stop: 28248, Start Num: 227

Candidate Starts for ShedlockHolmes_32:

(Start: 209 @27436 has 127 MA's), (Start: 227 @27460 has 136 MA's), (255, 27505), (275, 27541), (300, 27598), (307, 27607), (327, 27643), (352, 27697), (364, 27721), (433, 27862), (465, 27925), (478, 27967), (489, 27988), (491, 27994), (499, 28012), (593, 28042), (630, 28111), (659, 28183), (674, 28213),

Gene: Sheen_12 Start: 7592, Stop: 8332, Start Num: 313

Candidate Starts for Sheen_12:

(289, 7544), (Start: 313 @7592 has 1 MA's), (344, 7628), (389, 7733), (430, 7805), (440, 7832), (444, 7844), (452, 7862), (479, 7931), (513, 7994), (546, 8045), (552, 8072), (559, 8099), (571, 8135), (596, 8183), (620, 8225),

Gene: Sheila_49 Start: 41745, Stop: 43100, Start Num: 89

Candidate Starts for Sheila_49:

(Start: 89 @41745 has 280 MA's), (Start: 105 @41796 has 11 MA's), (119, 41829), (185, 41958), (186, 41961), (194, 41976), (249, 42072), (273, 42111), (287, 42141), (300, 42177), (354, 42288), (365, 42318), (367, 42321), (397, 42387), (457, 42546), (477, 42594), (481, 42612), (504, 42660), (566, 42804), (588, 42864), (628, 42969), (671, 43056),

Gene: SheldonCooper_10 Start: 5859, Stop: 6839, Start Num: 177

Candidate Starts for SheldonCooper_10:

(Start: 177 @5859 has 116 MA's), (190, 5886), (Start: 202 @5907 has 32 MA's), (Start: 203 @5910 has 2 MA's), (362, 6159), (389, 6216), (396, 6228), (420, 6279), (432, 6300), (450, 6348), (479, 6405), (550, 6555), (598, 6678), (607, 6690), (639, 6756),

Gene: Shelob_253 Start: 146393, Stop: 147421, Start Num: 158

Candidate Starts for Shelob_253:

(Start: 158 @146393 has 220 MA's), (Start: 175 @146423 has 331 MA's), (182, 146435), (Start: 203 @146477 has 2 MA's), (243, 146540), (254, 146561), (Start: 297 @146645 has 1 MA's), (331, 146687), (339, 146699), (346, 146714), (378, 146783), (389, 146810), (414, 146864), (427, 146909), (428, 146912), (460, 146990), (468, 147011), (521, 147122), (565, 147212), (570, 147230), (611, 147302), (625, 147335),

Gene: Shenandoah_47 Start: 41509, Stop: 42573, Start Num: 151

Candidate Starts for Shenandoah_47:

(Start: 151 @41509 has 50 MA's), (184, 41572), (236, 41653), (271, 41719), (279, 41734), (288, 41746), (298, 41773), (343, 41830), (346, 41839), (413, 41986), (419, 42001), (439, 42055), (452, 42088), (467, 42127), (475, 42139), (518, 42220), (533, 42238), (535, 42241), (596, 42397), (649, 42508), (658, 42529), (673, 42562),

Gene: Sheng711_26 Start: 25346, Stop: 26368, Start Num: 169

Candidate Starts for Sheng711_26:

(Start: 169 @25346 has 29 MA's), (237, 25457), (258, 25490), (261, 25496), (265, 25502), (Start: 313 @25604 has 1 MA's), (316, 25607), (339, 25646), (346, 25667), (362, 25709), (389, 25766), (440, 25880), (479, 25985), (523, 26066), (526, 26069), (548, 26114), (571, 26177), (581, 26189), (618,

26255), (620, 26264), (630, 26291),

Gene: ShereKhan_37 Start: 32841, Stop: 33698, Start Num: 209

Candidate Starts for ShereKhan_37:

(Start: 209 @32841 has 127 MA's), (229, 32880), (244, 32910), (255, 32931), (274, 32967), (288, 32997), (327, 33072), (352, 33120), (355, 33123), (365, 33147), (367, 33150), (378, 33165), (443, 33336), (494, 33450), (501, 33465), (504, 33471), (582, 33513), (584, 33516), (612, 33570), (646, 33648), (662, 33681),

Gene: ShiLan_31 Start: 27740, Stop: 28741, Start Num: 164

Candidate Starts for ShiLan_31:

(Start: 164 @27740 has 214 MA's), (Start: 175 @27761 has 331 MA's), (182, 27773), (Start: 203 @27815 has 2 MA's), (243, 27878), (254, 27899), (271, 27929), (Start: 297 @27983 has 1 MA's), (Start: 313 @28007 has 1 MA's), (331, 28022), (339, 28034), (389, 28145), (440, 28259), (446, 28277), (464, 28316), (474, 28340), (487, 28376), (502, 28403), (521, 28442), (552, 28490), (570, 28550), (603, 28610), (630, 28667), (644, 28697),

Gene: ShiVal_49 Start: 41706, Stop: 43058, Start Num: 89

Candidate Starts for ShiVal_49:

(Start: 89 @41706 has 280 MA's), (Start: 105 @41757 has 11 MA's), (119, 41790), (185, 41919), (186, 41922), (194, 41937), (249, 42033), (273, 42072), (287, 42102), (300, 42138), (354, 42249), (365, 42279), (367, 42282), (397, 42348), (457, 42507), (477, 42555), (481, 42573), (504, 42621), (566, 42762), (588, 42822), (628, 42927), (671, 43014),

Gene: ShiaLabeouf_250 Start: 144252, Stop: 145280, Start Num: 158

Candidate Starts for ShiaLabeouf_250:

(Start: 158 @144252 has 220 MA's), (Start: 175 @144282 has 331 MA's), (182, 144294), (Start: 203 @144336 has 2 MA's), (243, 144399), (254, 144420), (Start: 297 @144504 has 1 MA's), (331, 144546), (339, 144558), (346, 144573), (378, 144642), (389, 144669), (414, 144723), (427, 144768), (428, 144771), (460, 144849), (468, 144870), (521, 144981), (565, 145071), (570, 145089), (611, 145161), (625, 145194),

Gene: ShiaSurprise_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for ShiaSurprise_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Shida_67 Start: 43111, Stop: 44151, Start Num: 160

Candidate Starts for Shida_67:

(Start: 160 @43111 has 30 MA's), (Start: 203 @43186 has 2 MA's), (243, 43267), (246, 43273), (254, 43288), (295, 43369), (Start: 297 @43372 has 1 MA's), (339, 43426), (346, 43441), (389, 43537), (408, 43576), (416, 43606), (427, 43636), (428, 43639), (441, 43672), (468, 43738), (482, 43777), (487, 43786), (502, 43813), (521, 43852), (608, 44026), (630, 44077),

Gene: Shifa_228 Start: 143726, Stop: 144754, Start Num: 158

Candidate Starts for Shifa_228:

(Start: 158 @143726 has 220 MA's), (Start: 175 @143756 has 331 MA's), (Start: 203 @143810 has 2 MA's), (243, 143873), (254, 143894), (Start: 297 @143978 has 1 MA's), (331, 144020), (339, 144032), (346, 144047), (378, 144116), (389, 144143), (414, 144197), (427, 144242), (428, 144245), (460, 144323), (468, 144344), (521, 144455), (565, 144545), (570, 144563), (611, 144635), (625, 144668),

Gene: Shipwreck_29 Start: 25866, Stop: 27032, Start Num: 110

Candidate Starts for Shipwreck_29:

(29, 25332), (36, 25380), (43, 25485), (Start: 110 @25866 has 51 MA's), (114, 25875), (132, 25920), (134, 25923), (178, 26010), (207, 26055), (249, 26130), (264, 26151), (273, 26169), (300, 26235), (327, 26274), (334, 26286), (354, 26340), (365, 26370), (379, 26391), (397, 26436), (434, 26532), (447, 26571), (461, 26586), (465, 26598), (477, 26625), (517, 26712), (524, 26730), (531, 26736), (571, 26784), (588, 26805), (621, 26877), (651, 26952),

Gene: Shnickers_251 Start: 144316, Stop: 145344, Start Num: 158

Candidate Starts for Shnickers_251:

(Start: 158 @144316 has 220 MA's), (Start: 175 @144346 has 331 MA's), (182, 144358), (Start: 203 @144400 has 2 MA's), (243, 144463), (254, 144484), (Start: 297 @144568 has 1 MA's), (331, 144610), (339, 144622), (346, 144637), (378, 144706), (389, 144733), (414, 144787), (427, 144832), (428, 144835), (460, 144913), (468, 144934), (521, 145045), (565, 145135), (570, 145153), (611, 145225), (625, 145258),

Gene: ShortQueendom_9 Start: 5652, Stop: 6620, Start Num: 175

Candidate Starts for ShortQueendom_9:

(Start: 175 @5652 has 331 MA's), (Start: 191 @5685 has 6 MA's), (Start: 202 @5703 has 32 MA's), (Start: 203 @5706 has 2 MA's), (366, 5973), (389, 6024), (396, 6036), (430, 6111), (455, 6174), (461, 6186), (468, 6207), (474, 6219), (479, 6237), (487, 6255), (500, 6279), (521, 6318), (563, 6399), (570, 6423), (571, 6426), (572, 6429), (581, 6438), (597, 6474), (624, 6525), (663, 6612),

Gene: ShowerHandel_31 Start: 27699, Stop: 28700, Start Num: 164

Candidate Starts for ShowerHandel_31:

(Start: 164 @27699 has 214 MA's), (Start: 175 @27720 has 331 MA's), (182, 27732), (Start: 203 @27774 has 2 MA's), (243, 27837), (254, 27858), (271, 27888), (Start: 297 @27942 has 1 MA's), (Start: 313 @27966 has 1 MA's), (331, 27981), (339, 27993), (389, 28104), (440, 28218), (446, 28236), (464, 28275), (474, 28299), (487, 28335), (502, 28362), (521, 28401), (552, 28449), (570, 28509), (603, 28569), (630, 28626), (644, 28656),

Gene: Shrimp_255 Start: 146010, Stop: 147038, Start Num: 158

Candidate Starts for Shrimp_255:

(Start: 158 @146010 has 220 MA's), (Start: 175 @146040 has 331 MA's), (182, 146052), (Start: 203 @146094 has 2 MA's), (243, 146157), (254, 146178), (Start: 297 @146262 has 1 MA's), (331, 146304), (339, 146316), (346, 146331), (378, 146400), (389, 146427), (414, 146481), (427, 146526), (428, 146529), (460, 146607), (468, 146628), (521, 146739), (565, 146829), (570, 146847), (611, 146919), (625, 146952),

Gene: ShroomBoi_28 Start: 26597, Stop: 27598, Start Num: 158

Candidate Starts for ShroomBoi_28:

(46, 26156), (56, 26195), (66, 26327), (Start: 71 @26348 has 1 MA's), (80, 26384), (Start: 158 @26597 has 220 MA's), (Start: 203 @26672 has 2 MA's), (222, 26705), (243, 26735), (254, 26756), (271, 26786), (278, 26798), (Start: 297 @26840 has 1 MA's), (339, 26891), (346, 26906), (389, 27002), (439, 27113), (446, 27134), (464, 27173), (468, 27185), (487, 27233), (502, 27260), (516, 27284), (521, 27299), (570, 27407), (596, 27455), (630, 27524), (644, 27554),

Gene: Shygu2_10 Start: 5881, Stop: 6864, Start Num: 175

Candidate Starts for Shygu2_10:

(Start: 175 @5881 has 331 MA's), (190, 5911), (Start: 202 @5932 has 32 MA's), (Start: 203 @5935 has 2 MA's), (335, 6115), (362, 6184), (389, 6241), (396, 6253), (409, 6283), (420, 6304), (432, 6325), (450, 6373), (479, 6430), (550, 6580), (598, 6703), (607, 6715), (612, 6724), (639, 6781), (671, 6856),

Gene: SiSi_31 Start: 27498, Stop: 28499, Start Num: 164

Candidate Starts for SiSi_31:

(Start: 164 @27498 has 214 MA's), (Start: 175 @27519 has 331 MA's), (Start: 203 @27573 has 2 MA's), (222, 27606), (243, 27636), (254, 27657), (Start: 297 @27741 has 1 MA's), (Start: 313 @27765 has 1 MA's), (331, 27780), (339, 27792), (389, 27903), (440, 28017), (446, 28035), (464, 28074), (474, 28098), (487, 28134), (502, 28161), (521, 28200), (552, 28248), (570, 28308), (603, 28368), (630, 28425), (644, 28455),

Gene: Sibs6_11 Start: 5783, Stop: 6751, Start Num: 175

Candidate Starts for Sibs6_11:

(Start: 175 @5783 has 331 MA's), (Start: 191 @5816 has 6 MA's), (Start: 202 @5834 has 32 MA's), (Start: 203 @5837 has 2 MA's), (366, 6104), (389, 6155), (396, 6167), (430, 6242), (455, 6305), (461, 6317), (468, 6338), (474, 6350), (479, 6368), (487, 6386), (500, 6410), (521, 6449), (563, 6530), (570, 6554), (571, 6557), (572, 6560), (581, 6569), (624, 6656), (663, 6743),

Gene: Sigman_50 Start: 41830, Stop: 43185, Start Num: 89

Candidate Starts for Sigman_50:

(Start: 89 @41830 has 280 MA's), (Start: 105 @41881 has 11 MA's), (119, 41914), (185, 42043), (186, 42046), (194, 42061), (249, 42157), (273, 42196), (287, 42226), (300, 42262), (354, 42373), (365, 42403), (367, 42406), (397, 42472), (457, 42631), (477, 42679), (481, 42697), (504, 42745), (566, 42889), (588, 42949), (628, 43054), (671, 43141),

Gene: SilverBell_49 Start: 41725, Stop: 43080, Start Num: 89

Candidate Starts for SilverBell_49:

(Start: 89 @41725 has 280 MA's), (Start: 105 @41776 has 11 MA's), (119, 41809), (185, 41938), (186, 41941), (194, 41956), (249, 42052), (273, 42091), (287, 42121), (300, 42157), (354, 42268), (365, 42298), (367, 42301), (397, 42367), (457, 42526), (477, 42574), (481, 42592), (504, 42640), (566, 42784), (588, 42844), (628, 42949), (671, 43036),

Gene: SilverChicken_38 Start: 27413, Stop: 28423, Start Num: 152

Candidate Starts for SilverChicken_38:

(50, 27002), (55, 27017), (80, 27209), (152, 27413), (Start: 158 @27422 has 220 MA's), (Start: 203 @27497 has 2 MA's), (222, 27530), (243, 27560), (254, 27581), (271, 27611), (278, 27623), (Start: 297 @27665 has 1 MA's), (339, 27716), (346, 27731), (389, 27827), (439, 27938), (446, 27959), (464, 27998), (468, 28010), (487, 28058), (502, 28085), (516, 28109), (521, 28124), (570, 28232), (596, 28280), (630, 28349), (644, 28379),

Gene: SilverDipper_257 Start: 145052, Stop: 146080, Start Num: 158

Candidate Starts for SilverDipper_257:

(Start: 158 @145052 has 220 MA's), (Start: 175 @145082 has 331 MA's), (182, 145094), (Start: 203 @145136 has 2 MA's), (243, 145199), (254, 145220), (Start: 297 @145304 has 1 MA's), (331, 145346), (339, 145358), (346, 145373), (378, 145442), (389, 145469), (414, 145523), (427, 145568), (428, 145571), (460, 145649), (468, 145670), (521, 145781), (565, 145871), (570, 145889), (611, 145961), (625, 145994),

Gene: Silverleaf_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for Silverleaf_26:

(Start: 169 @25547 has 29 MA's), (263, 25700), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (333, 25838), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: Simielle_48 Start: 41389, Stop: 42744, Start Num: 89

Candidate Starts for Simielle_48:

(Start: 89 @41389 has 280 MA's), (Start: 105 @41440 has 11 MA's), (119, 41473), (185, 41602), (186, 41605), (194, 41620), (249, 41716), (273, 41755), (287, 41785), (300, 41821), (354, 41932), (365, 41962), (367, 41965), (397, 42031), (457, 42190), (477, 42238), (481, 42256), (504, 42304), (566, 42448), (588, 42508), (628, 42613), (671, 42700),

Gene: Simpliphy_36 Start: 31603, Stop: 32460, Start Num: 209

Candidate Starts for Simpliphy_36:

(Start: 209 @31603 has 127 MA's), (229, 31642), (244, 31672), (255, 31693), (274, 31729), (288, 31759), (327, 31834), (352, 31882), (355, 31885), (365, 31909), (367, 31912), (378, 31927), (443, 32098), (494, 32212), (501, 32227), (504, 32233), (582, 32275), (584, 32278), (612, 32332), (646, 32410), (662, 32443),

Gene: SimranZ1_34 Start: 27818, Stop: 28819, Start Num: 164

Candidate Starts for SimranZ1_34:

(49, 27359), (52, 27374), (79, 27566), (119, 27719), (Start: 164 @27818 has 214 MA's), (182, 27851), (Start: 203 @27893 has 2 MA's), (222, 27926), (243, 27956), (254, 27977), (Start: 297 @28061 has 1 MA's), (Start: 313 @28085 has 1 MA's), (331, 28100), (339, 28112), (389, 28223), (440, 28337), (446, 28355), (464, 28394), (474, 28418), (487, 28454), (502, 28481), (521, 28520), (570, 28628), (603, 28688), (625, 28733), (630, 28745), (644, 28775),

Gene: SirBeauregard_49 Start: 41402, Stop: 42757, Start Num: 89

Candidate Starts for SirBeauregard_49:

(Start: 89 @41402 has 280 MA's), (Start: 105 @41453 has 11 MA's), (119, 41486), (185, 41615), (186, 41618), (194, 41633), (249, 41729), (273, 41768), (287, 41798), (300, 41834), (354, 41945), (365, 41975), (367, 41978), (397, 42044), (457, 42203), (477, 42251), (481, 42269), (504, 42317), (566, 42461), (588, 42521), (628, 42626), (671, 42713),

Gene: SirDuracell_34 Start: 30523, Stop: 31380, Start Num: 209

Candidate Starts for SirDuracell_34:

(Start: 209 @30523 has 127 MA's), (229, 30562), (244, 30592), (255, 30613), (274, 30649), (288, 30679), (327, 30754), (352, 30802), (355, 30805), (365, 30829), (367, 30832), (378, 30847), (443, 31018), (494, 31132), (501, 31147), (504, 31153), (582, 31195), (584, 31198), (612, 31252), (646, 31330), (662, 31363),

Gene: SirPhilip_30 Start: 25363, Stop: 26103, Start Num: 227

Candidate Starts for SirPhilip_30:

(Start: 227 @25363 has 136 MA's), (255, 25408), (275, 25444), (300, 25492), (307, 25501), (332, 25546), (346, 25579), (374, 25636), (395, 25684), (397, 25687), (433, 25759), (465, 25822), (476, 25837), (478, 25849), (511, 25888), (559, 25894), (621, 25960), (674, 26083), (676, 26092),

Gene: Sizemore_28 Start: 25202, Stop: 26410, Start Num: 96

Candidate Starts for Sizemore_28:

(72, 25109), (Start: 96 @25202 has 92 MA's), (168, 25376), (211, 25448), (273, 25547), (278, 25556), (285, 25568), (288, 25580), (293, 25589), (300, 25613), (310, 25634), (327, 25661), (334, 25673), (361, 25745), (381, 25784), (461, 25973), (470, 25997), (477, 26012), (483, 26033), (504, 26078), (506, 26081), (541, 26132),

Gene: SkiPole_12 Start: 6159, Stop: 7127, Start Num: 175

Candidate Starts for SkiPole_12:

(Start: 175 @6159 has 331 MA's), (Start: 191 @6192 has 6 MA's), (Start: 202 @6210 has 32 MA's), (Start: 203 @6213 has 2 MA's), (366, 6480), (389, 6531), (396, 6543), (430, 6618), (455, 6681), (461, 6693), (468, 6714), (474, 6726), (479, 6744), (487, 6762), (500, 6786), (521, 6825), (563, 6906), (570, 6930), (571, 6933), (572, 6936), (581, 6945), (624, 7032), (644, 7077), (663, 7119),

Gene: Skinny_39 Start: 32223, Stop: 33194, Start Num: 206

Candidate Starts for Skinny_39:

(Start: 206 @32223 has 15 MA's), (220, 32247), (228, 32262), (295, 32400), (309, 32427), (Start: 326 @32445 has 2 MA's), (333, 32457), (339, 32466), (356, 32511), (362, 32523), (378, 32550), (389, 32577), (396, 32589), (416, 32634), (428, 32661), (440, 32691), (443, 32700), (444, 32703), (485, 32790), (495, 32805), (563, 32958), (564, 32961), (592, 33021), (596, 33033), (599, 33042), (621, 33078), (626, 33093), (642, 33132), (653, 33165),

Gene: Skipitt_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Skipitt_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Skippy_49 Start: 41690, Stop: 43045, Start Num: 89

Candidate Starts for Skippy_49:

(Start: 89 @41690 has 280 MA's), (Start: 105 @41741 has 11 MA's), (119, 41774), (185, 41903), (186, 41906), (194, 41921), (249, 42017), (273, 42056), (287, 42086), (300, 42122), (354, 42233), (365, 42263), (367, 42266), (397, 42332), (457, 42491), (477, 42539), (481, 42557), (504, 42605), (566, 42749), (588, 42809), (628, 42914), (671, 43001),

Gene: Sknot_11 Start: 6484, Stop: 7461, Start Num: 175

Candidate Starts for Sknot_11:

(Start: 175 @6484 has 331 MA's), (Start: 203 @6538 has 2 MA's), (250, 6595), (344, 6727), (362, 6775), (389, 6832), (407, 6868), (430, 6916), (444, 6955), (475, 7027), (479, 7042), (502, 7087), (513, 7105), (540, 7147), (552, 7195), (559, 7222), (565, 7237), (570, 7255), (571, 7258), (620, 7348),

Gene: Slagathor_10 Start: 5601, Stop: 6569, Start Num: 175

Candidate Starts for Slagathor_10:

(Start: 175 @5601 has 331 MA's), (Start: 191 @5634 has 6 MA's), (Start: 202 @5652 has 32 MA's), (Start: 203 @5655 has 2 MA's), (366, 5922), (389, 5973), (396, 5985), (430, 6060), (455, 6123), (461, 6135), (468, 6156), (474, 6168), (479, 6186), (487, 6204), (500, 6228), (521, 6267), (563, 6348), (570, 6372), (571, 6375), (572, 6378), (581, 6387), (624, 6474), (663, 6561),

Gene: Slarp_32 Start: 27640, Stop: 28431, Start Num: 213

Candidate Starts for Slarp_32:

(Start: 213 @27640 has 23 MA's), (Start: 238 @27673 has 1 MA's), (255, 27706), (268, 27730), (280, 27751), (286, 27760), (295, 27790), (300, 27799), (307, 27808), (327, 27844), (371, 27925), (465, 28132), (478, 28159), (489, 28180), (499, 28204), (594, 28228), (625, 28282), (630, 28294), (659, 28366),

Gene: Slatt_49 Start: 41716, Stop: 43071, Start Num: 89

Candidate Starts for Slatt_49:

(Start: 89 @41716 has 280 MA's), (Start: 105 @41767 has 11 MA's), (119, 41800), (185, 41929), (186, 41932), (194, 41947), (249, 42043), (273, 42082), (287, 42112), (300, 42148), (354, 42259), (365, 42289), (367, 42292), (397, 42358), (457, 42517), (477, 42565), (481, 42583), (504, 42631), (566, 42775), (588, 42835), (628, 42940), (671, 43027),

Gene: Slim_33 Start: 28891, Stop: 29892, Start Num: 164

Candidate Starts for Slim_33:

(35, 28270), (41, 28348), (45, 28411), (53, 28450), (70, 28603), (79, 28639), (Start: 164 @28891 has 214 MA's), (Start: 175 @28912 has 331 MA's), (182, 28924), (Start: 203 @28966 has 2 MA's), (243, 29029), (254, 29050), (271, 29080), (Start: 297 @29134 has 1 MA's), (Start: 313 @29158 has 1 MA's), (339, 29185), (389, 29296), (440, 29410), (446, 29428), (464, 29467), (474, 29491), (487, 29527), (502, 29554), (521, 29593), (552, 29641), (570, 29701), (596, 29749), (603, 29761), (630, 29818), (644, 29848),

Gene: SlimJimmy_37 Start: 31777, Stop: 32748, Start Num: 206

Candidate Starts for SlimJimmy_37:

(Start: 206 @31777 has 15 MA's), (220, 31801), (228, 31816), (295, 31954), (309, 31981), (Start: 326 @31999 has 2 MA's), (333, 32011), (339, 32020), (356, 32065), (362, 32077), (378, 32104), (389, 32131), (396, 32143), (416, 32188), (428, 32215), (440, 32245), (443, 32254), (444, 32257), (495, 32359), (563, 32512), (564, 32515), (592, 32575), (596, 32587), (599, 32596), (621, 32632), (626, 32647), (642, 32686), (653, 32719),

Gene: Slimphazie_31 Start: 26461, Stop: 27333, Start Num: 227

Candidate Starts for Slimphazie_31:

(Start: 209 @26434 has 127 MA's), (Start: 227 @26461 has 136 MA's), (Start: 238 @26473 has 1 MA's), (275, 26542), (288, 26569), (300, 26599), (307, 26608), (327, 26644), (332, 26653), (346, 26686), (352, 26704), (367, 26734), (395, 26791), (397, 26794), (465, 26929), (478, 26956), (489, 26977), (499, 27001), (539, 27052), (596, 27154), (621, 27190), (630, 27214), (674, 27313), (676, 27322),

Gene: SlippinJimmy_47 Start: 42302, Stop: 43366, Start Num: 151

Candidate Starts for SlippinJimmy_47:

(Start: 151 @42302 has 50 MA's), (184, 42365), (236, 42446), (271, 42512), (279, 42527), (288, 42539), (298, 42566), (343, 42623), (346, 42632), (413, 42779), (419, 42794), (439, 42848), (452, 42881), (467, 42920), (475, 42932), (518, 43013), (533, 43031), (535, 43034), (552, 43079), (596, 43190), (649, 43301), (658, 43322), (673, 43355),

Gene: Smairt_11 Start: 6456, Stop: 7424, Start Num: 175

Candidate Starts for Smairt_11:

(Start: 175 @6456 has 331 MA's), (Start: 191 @6489 has 6 MA's), (Start: 202 @6507 has 32 MA's), (Start: 203 @6510 has 2 MA's), (366, 6777), (389, 6828), (396, 6840), (430, 6915), (455, 6978), (461, 6990), (468, 7011), (474, 7023), (479, 7041), (487, 7059), (500, 7083), (521, 7122), (563, 7203), (570, 7227), (571, 7230), (572, 7233), (581, 7242), (624, 7329), (663, 7416),

Gene: SmallFry_253 Start: 144410, Stop: 145438, Start Num: 158

Candidate Starts for SmallFry_253:

(Start: 158 @144410 has 220 MA's), (Start: 175 @144440 has 331 MA's), (182, 144452), (Start: 203 @144494 has 2 MA's), (243, 144557), (254, 144578), (Start: 297 @144662 has 1 MA's), (331, 144704), (339, 144716), (346, 144731), (378, 144800), (389, 144827), (414, 144881), (427, 144926), (428, 144929), (460, 145007), (468, 145028), (521, 145139), (565, 145229), (570, 145247), (611, 145319), (625, 145352),

Gene: Smeagan_13 Start: 6868, Stop: 7860, Start Num: 175

Candidate Starts for Smeagan_13:

(Start: 175 @6868 has 331 MA's), (Start: 203 @6922 has 2 MA's), (309, 7090), (331, 7096), (344, 7123), (368, 7183), (389, 7228), (430, 7315), (450, 7360), (476, 7399), (497, 7447), (542, 7528), (552, 7570), (580, 7657), (607, 7705), (636, 7771),

Gene: Smeagol_11 Start: 6874, Stop: 7845, Start Num: 175

Candidate Starts for Smeagol_11:

(Start: 175 @6874 has 331 MA's), (Start: 191 @6907 has 6 MA's), (Start: 202 @6925 has 32 MA's), (Start: 203 @6928 has 2 MA's), (366, 7195), (389, 7246), (396, 7258), (411, 7294), (430, 7336), (455, 7399), (461, 7411), (468, 7432), (474, 7444), (479, 7462), (487, 7480), (500, 7504), (521, 7543), (563, 7624), (570, 7648), (571, 7651), (572, 7654), (581, 7663), (624, 7750), (644, 7795), (663, 7837),

Gene: Smooch_70 Start: 45157, Stop: 46197, Start Num: 160

Candidate Starts for Smooch_70:

(Start: 160 @45157 has 30 MA's), (Start: 203 @45232 has 2 MA's), (243, 45313), (246, 45319), (254, 45334), (295, 45415), (Start: 297 @45418 has 1 MA's), (339, 45472), (346, 45487), (389, 45583), (408, 45622), (416, 45652), (427, 45682), (428, 45685), (441, 45718), (468, 45784), (482, 45823), (487, 45832), (502, 45859), (521, 45898), (608, 46072), (630, 46123),

Gene: SnapTap_11 Start: 6372, Stop: 7364, Start Num: 175

Candidate Starts for SnapTap_11:

(Start: 175 @6372 has 331 MA's), (Start: 202 @6423 has 32 MA's), (Start: 203 @6426 has 2 MA's), (222, 6459), (237, 6474), (309, 6594), (331, 6600), (368, 6687), (389, 6732), (450, 6864), (476, 6903), (497, 6951), (542, 7032), (552, 7074), (580, 7161), (607, 7209), (636, 7275), (669, 7350),

Gene: Snazzy_8 Start: 5466, Stop: 6434, Start Num: 175

Candidate Starts for Snazzy_8:

(Start: 175 @5466 has 331 MA's), (Start: 191 @5499 has 6 MA's), (Start: 202 @5517 has 32 MA's), (Start: 203 @5520 has 2 MA's), (366, 5787), (389, 5838), (396, 5850), (430, 5925), (455, 5988), (461, 6000), (468, 6021), (474, 6033), (479, 6051), (487, 6069), (500, 6093), (521, 6132), (563, 6213), (570, 6237), (571, 6240), (572, 6243), (581, 6252), (624, 6339), (644, 6384), (663, 6426),

Gene: Sneeze_28 Start: 25283, Stop: 26491, Start Num: 96

Candidate Starts for Sneeze_28:

(72, 25190), (Start: 96 @25283 has 92 MA's), (168, 25457), (211, 25529), (273, 25628), (278, 25637), (288, 25661), (293, 25670), (300, 25694), (310, 25715), (327, 25742), (334, 25754), (361, 25826), (381, 25865), (461, 26054), (477, 26093), (483, 26114), (501, 26153), (504, 26159),

Gene: Snenia_28 Start: 26851, Stop: 27894, Start Num: 111

Candidate Starts for Snenia_28:

(Start: 111 @26851 has 20 MA's), (113, 26857), (126, 26884), (134, 26905), (159, 26956), (200, 27037), (259, 27142), (302, 27223), (307, 27229), (360, 27325), (369, 27343), (374, 27349), (377, 27355), (407, 27427), (436, 27484), (466, 27544), (501, 27619), (514, 27640), (590, 27664), (594, 27679), (598, 27691), (630, 27748), (674, 27850), (677, 27871),

Gene: Snickers_12 Start: 5936, Stop: 6901, Start Num: 166

Candidate Starts for Snickers_12:

(Start: 166 @5936 has 96 MA's), (Start: 191 @5981 has 6 MA's), (Start: 203 @6002 has 2 MA's), (280, 6122), (362, 6260), (389, 6317), (398, 6332), (439, 6413), (444, 6428), (452, 6446), (474, 6497), (479, 6515), (502, 6560), (552, 6656), (571, 6719), (593, 6758), (620, 6809),

Gene: SoJulia_29 Start: 26516, Stop: 27544, Start Num: 169

Candidate Starts for SoJulia_29:

(Start: 169 @26516 has 29 MA's), (261, 26666), (325, 26795), (330, 26804), (389, 26936), (441, 27053), (444, 27062), (445, 27065), (452, 27080), (479, 27155), (485, 27170), (548, 27284), (557, 27311), (567, 27338), (571, 27353), (581, 27365), (618, 27431),

Gene: SoSeph_30 Start: 27195, Stop: 28064, Start Num: 227

Candidate Starts for SoSeph_30:

(165, 27093), (196, 27147), (Start: 227 @27195 has 136 MA's), (Start: 238 @27207 has 1 MA's), (242, 27213), (255, 27240), (272, 27270), (275, 27276), (300, 27330), (307, 27339), (314, 27351), (332, 27384), (346, 27417), (367, 27465), (392, 27513), (433, 27597), (478, 27687), (488, 27705), (489, 27708), (527, 27771), (539, 27786), (559, 27810), (596, 27882), (621, 27918), (622, 27921), (630, 27942), (651, 27999), (671, 28035), (674, 28044), (676, 28053),

Gene: SoYo_12 Start: 5873, Stop: 6838, Start Num: 166

Candidate Starts for SoYo_12:

(Start: 166 @5873 has 96 MA's), (Start: 191 @5918 has 6 MA's), (Start: 203 @5939 has 2 MA's), (280, 6059), (362, 6197), (389, 6254), (398, 6269), (439, 6350), (444, 6365), (452, 6383), (474, 6434), (479, 6452), (502, 6497), (552, 6593), (571, 6656), (593, 6695), (620, 6746),

Gene: Soap141_28 Start: 26336, Stop: 27307, Start Num: 112

Candidate Starts for Soap141_28:

(Start: 112 @26336 has 24 MA's), (134, 26390), (192, 26510), (211, 26540), (219, 26555), (Start: 238 @26588 has 1 MA's), (240, 26591), (244, 26600), (255, 26621), (288, 26684), (307, 26711), (319, 26735), (338, 26765), (365, 26816), (374, 26828), (402, 26891), (407, 26906), (431, 26966), (437, 26981), (478, 27062), (488, 27080), (489, 27083), (491, 27086), (597, 27137), (625, 27182), (644, 27224), (664, 27266),

Gene: SoilDragon_12 Start: 5647, Stop: 6612, Start Num: 166

Candidate Starts for SoilDragon_12:

(Start: 166 @5647 has 96 MA's), (Start: 191 @5692 has 6 MA's), (Start: 203 @5713 has 2 MA's), (280, 5833), (362, 5971), (389, 6028), (398, 6043), (439, 6124), (444, 6139), (452, 6157), (474, 6208), (479, 6226), (502, 6271), (552, 6367), (571, 6430), (593, 6469), (620, 6520),

Gene: Soile_49 Start: 41419, Stop: 42774, Start Num: 89

Candidate Starts for Soile_49:

(Start: 89 @41419 has 280 MA's), (Start: 105 @41470 has 11 MA's), (119, 41503), (128, 41521), (185, 41632), (186, 41635), (194, 41650), (249, 41746), (273, 41785), (287, 41815), (300, 41851), (354, 41962), (365, 41992), (367, 41995), (397, 42061), (457, 42220), (477, 42268), (481, 42286), (504, 42334), (566, 42478), (588, 42538), (628, 42643), (671, 42730),

Gene: Solon_10 Start: 6618, Stop: 7586, Start Num: 175

Candidate Starts for Solon_10:

(Start: 175 @6618 has 331 MA's), (Start: 191 @6651 has 6 MA's), (Start: 202 @6669 has 32 MA's), (Start: 203 @6672 has 2 MA's), (366, 6939), (389, 6990), (396, 7002), (430, 7077), (455, 7140), (461, 7152), (468, 7173), (474, 7185), (479, 7203), (487, 7221), (500, 7245), (521, 7284), (563, 7365), (570, 7389), (571, 7392), (572, 7395), (581, 7404), (624, 7491), (644, 7536), (663, 7578),

Gene: Solosis_48 Start: 41417, Stop: 42772, Start Num: 89

Candidate Starts for Solosis_48:

(Start: 89 @41417 has 280 MA's), (Start: 105 @41468 has 11 MA's), (119, 41501), (185, 41630), (186, 41633), (194, 41648), (249, 41744), (273, 41783), (287, 41813), (300, 41849), (354, 41960), (365, 41990), (367, 41993), (397, 42059), (457, 42218), (477, 42266), (481, 42284), (504, 42332), (566, 42476), (588, 42536), (628, 42641), (671, 42728),

Gene: Sonah_27 Start: 24039, Stop: 25205, Start Num: 110

Candidate Starts for Sonah_27:

(Start: 110 @24039 has 51 MA's), (132, 24093), (134, 24096), (178, 24183), (207, 24228), (249, 24303), (264, 24324), (273, 24342), (300, 24408), (327, 24447), (354, 24513), (365, 24543), (379,

24564), (397, 24609), (434, 24705), (447, 24744), (461, 24759), (477, 24798), (517, 24885), (524, 24903), (531, 24909), (571, 24957), (588, 24978), (621, 25050), (651, 25125),

Gene: SophKB_35 Start: 31857, Stop: 32714, Start Num: 209

Candidate Starts for SophKB_35:

(Start: 209 @31857 has 127 MA's), (229, 31896), (244, 31926), (255, 31947), (274, 31983), (288, 32013), (327, 32088), (352, 32136), (355, 32139), (365, 32163), (367, 32166), (378, 32181), (443, 32352), (494, 32466), (501, 32481), (504, 32487), (582, 32529), (584, 32532), (612, 32586), (646, 32664), (662, 32697),

Gene: Sophia_48 Start: 41411, Stop: 42766, Start Num: 89

Candidate Starts for Sophia_48:

(Start: 89 @41411 has 280 MA's), (Start: 105 @41462 has 11 MA's), (119, 41495), (128, 41513), (185, 41624), (186, 41627), (194, 41642), (249, 41738), (273, 41777), (287, 41807), (300, 41843), (354, 41954), (365, 41984), (367, 41987), (397, 42053), (457, 42212), (477, 42260), (481, 42278), (504, 42326), (566, 42470), (588, 42530), (628, 42635), (671, 42722),

Gene: Sorpresa_10 Start: 5984, Stop: 6952, Start Num: 175

Candidate Starts for Sorpresa_10:

(Start: 175 @5984 has 331 MA's), (Start: 191 @6017 has 6 MA's), (Start: 202 @6035 has 32 MA's), (Start: 203 @6038 has 2 MA's), (366, 6305), (389, 6356), (396, 6368), (430, 6443), (455, 6506), (468, 6539), (474, 6551), (479, 6569), (487, 6587), (521, 6650), (563, 6731), (570, 6755), (571, 6758), (572, 6761), (581, 6770), (624, 6857), (644, 6902), (663, 6944),

Gene: Soshari_14 Start: 6045, Stop: 7010, Start Num: 166

Candidate Starts for Soshari_14:

(Start: 166 @6045 has 96 MA's), (Start: 191 @6090 has 6 MA's), (Start: 203 @6111 has 2 MA's), (280, 6231), (362, 6369), (389, 6426), (398, 6441), (439, 6522), (444, 6537), (452, 6555), (474, 6606), (479, 6624), (502, 6669), (552, 6765), (571, 6828), (593, 6867), (620, 6918),

Gene: Soto_49 Start: 41717, Stop: 43072, Start Num: 89

Candidate Starts for Soto_49:

(Start: 89 @41717 has 280 MA's), (Start: 105 @41768 has 11 MA's), (119, 41801), (128, 41819), (185, 41930), (186, 41933), (194, 41948), (249, 42044), (273, 42083), (287, 42113), (300, 42149), (354, 42260), (365, 42290), (367, 42293), (397, 42359), (457, 42518), (477, 42566), (481, 42584), (504, 42632), (566, 42776), (588, 42836), (628, 42941), (671, 43028),

Gene: Sotrice96_35 Start: 31812, Stop: 32669, Start Num: 209

Candidate Starts for Sotrice96_35:

(Start: 209 @31812 has 127 MA's), (229, 31851), (244, 31881), (255, 31902), (274, 31938), (288, 31968), (327, 32043), (352, 32091), (355, 32094), (365, 32118), (367, 32121), (378, 32136), (443, 32307), (494, 32421), (501, 32436), (504, 32442), (582, 32484), (584, 32487), (612, 32541), (646, 32619), (662, 32652),

Gene: Soul22_36 Start: 27795, Stop: 28865, Start Num: 164

Candidate Starts for Soul22_36:

(138, 27744), (Start: 164 @27795 has 214 MA's), (Start: 179 @27822 has 14 MA's), (Start: 191 @27849 has 6 MA's), (197, 27858), (236, 27918), (248, 27945), (288, 28011), (316, 28065), (346, 28107), (366, 28158), (413, 28272), (423, 28305), (445, 28380), (454, 28401), (518, 28530), (552, 28602), (592, 28698), (596, 28710), (630, 28779), (654, 28836), (660, 28845),

Gene: Sparkdehlily_31 Start: 27617, Stop: 28618, Start Num: 164

Candidate Starts for Sparkdehlily_31:

(Start: 164 @27617 has 214 MA's), (Start: 203 @27692 has 2 MA's), (222, 27725), (243, 27755), (254, 27776), (271, 27806), (278, 27818), (Start: 297 @27860 has 1 MA's), (Start: 313 @27884 has 1 MA's), (331, 27899), (339, 27911), (389, 28022), (440, 28136), (446, 28154), (464, 28193), (474, 28217), (487, 28253), (521, 28319), (570, 28427), (596, 28475), (603, 28487), (625, 28532), (630, 28544), (644, 28574),

Gene: Spartacus_33 Start: 28027, Stop: 29028, Start Num: 164

Candidate Starts for Spartacus_33:

(Start: 164 @28027 has 214 MA's), (Start: 203 @28102 has 2 MA's), (222, 28135), (243, 28165), (254, 28186), (Start: 297 @28270 has 1 MA's), (339, 28321), (346, 28336), (389, 28432), (439, 28543), (446, 28564), (464, 28603), (468, 28615), (487, 28663), (502, 28690), (516, 28714), (521, 28729), (570, 28837), (596, 28885), (630, 28954), (644, 28984),

Gene: Spartan300_49 Start: 41702, Stop: 43057, Start Num: 89

Candidate Starts for Spartan300_49:

(Start: 89 @41702 has 280 MA's), (Start: 105 @41753 has 11 MA's), (119, 41786), (185, 41915), (186, 41918), (194, 41933), (249, 42029), (273, 42068), (287, 42098), (300, 42134), (354, 42245), (365, 42275), (367, 42278), (397, 42344), (457, 42503), (477, 42551), (481, 42569), (504, 42617), (566, 42761), (588, 42821), (628, 42926), (671, 43013),

Gene: Sparxx_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Sparxx_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Spec_246 Start: 144422, Stop: 145450, Start Num: 158

Candidate Starts for Spec_246:

(Start: 158 @144422 has 220 MA's), (Start: 175 @144452 has 331 MA's), (182, 144464), (Start: 203 @144506 has 2 MA's), (243, 144569), (254, 144590), (Start: 297 @144674 has 1 MA's), (331, 144716), (339, 144728), (346, 144743), (378, 144812), (389, 144839), (414, 144893), (427, 144938), (428, 144941), (460, 145019), (468, 145040), (521, 145151), (565, 145241), (570, 145259), (611, 145331), (625, 145364),

Gene: Specks_257 Start: 145350, Stop: 146378, Start Num: 158

Candidate Starts for Specks_257:

(Start: 158 @145350 has 220 MA's), (Start: 175 @145380 has 331 MA's), (182, 145392), (Start: 203 @145434 has 2 MA's), (243, 145497), (254, 145518), (Start: 297 @145602 has 1 MA's), (331, 145644), (339, 145656), (346, 145671), (378, 145740), (389, 145767), (414, 145821), (427, 145866), (428, 145869), (460, 145947), (468, 145968), (521, 146079), (565, 146169), (570, 146187), (611, 146259), (625, 146292),

Gene: Spike509_12 Start: 6046, Stop: 7011, Start Num: 166

Candidate Starts for Spike509_12:

(Start: 166 @6046 has 96 MA's), (Start: 191 @6091 has 6 MA's), (Start: 203 @6112 has 2 MA's), (280, 6232), (362, 6370), (389, 6427), (398, 6442), (439, 6523), (444, 6538), (452, 6556), (474, 6607), (479, 6625), (502, 6670), (552, 6766), (571, 6829), (593, 6868), (620, 6919),

Gene: SpikeBT_11 Start: 6419, Stop: 7387, Start Num: 175

Candidate Starts for SpikeBT_11:

(Start: 175 @6419 has 331 MA's), (Start: 191 @6452 has 6 MA's), (Start: 202 @6470 has 32 MA's), (Start: 203 @6473 has 2 MA's), (366, 6740), (389, 6791), (396, 6803), (430, 6878), (455, 6941), (461, 6953), (468, 6974), (474, 6986), (479, 7004), (487, 7022), (500, 7046), (521, 7085), (563, 7166), (570,

7190), (571, 7193), (572, 7196), (581, 7205), (624, 7292), (644, 7337), (663, 7379),

Gene: Spikelee_33 Start: 27770, Stop: 28771, Start Num: 164

Candidate Starts for Spikelee_33:

(Start: 164 @27770 has 214 MA's), (Start: 203 @27845 has 2 MA's), (222, 27878), (243, 27908), (254, 27929), (271, 27959), (278, 27971), (Start: 297 @28013 has 1 MA's), (Start: 313 @28037 has 1 MA's), (331, 28052), (339, 28064), (389, 28175), (440, 28289), (446, 28307), (464, 28346), (474, 28370), (487, 28406), (502, 28433), (521, 28472), (570, 28580), (596, 28628), (630, 28697), (644, 28727),

Gene: Spino_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Spino_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Spock_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Spock_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Spoonbill_31 Start: 27781, Stop: 28782, Start Num: 164

Candidate Starts for Spoonbill_31:

(Start: 164 @27781 has 214 MA's), (Start: 203 @27856 has 2 MA's), (222, 27889), (243, 27919), (254, 27940), (271, 27970), (278, 27982), (Start: 297 @28024 has 1 MA's), (Start: 313 @28048 has 1 MA's), (331, 28063), (339, 28075), (389, 28186), (440, 28300), (446, 28318), (464, 28357), (474, 28381), (487, 28417), (521, 28483), (570, 28591), (596, 28639), (603, 28651), (625, 28696), (630, 28708), (644, 28738),

Gene: Sprinklers_250 Start: 144118, Stop: 145146, Start Num: 158

Candidate Starts for Sprinklers_250:

(Start: 158 @144118 has 220 MA's), (Start: 175 @144148 has 331 MA's), (182, 144160), (Start: 203 @144202 has 2 MA's), (243, 144265), (254, 144286), (Start: 297 @144370 has 1 MA's), (331, 144412), (339, 144424), (346, 144439), (378, 144508), (389, 144535), (414, 144589), (427, 144634), (428, 144637), (460, 144715), (468, 144736), (521, 144847), (565, 144937), (570, 144955), (611, 145027), (625, 145060),

Gene: Spud_244 Start: 143867, Stop: 144895, Start Num: 158

Candidate Starts for Spud_244:

(Start: 158 @143867 has 220 MA's), (Start: 175 @143897 has 331 MA's), (182, 143909), (Start: 203 @143951 has 2 MA's), (243, 144014), (254, 144035), (Start: 297 @144119 has 1 MA's), (331, 144161), (339, 144173), (346, 144188), (378, 144257), (389, 144284), (414, 144338), (427, 144383), (428, 144386), (460, 144464), (468, 144485), (521, 144596), (565, 144686), (570, 144704), (611, 144776), (625, 144809),

Gene: Squee_10 Start: 6125, Stop: 7093, Start Num: 175

Candidate Starts for Squee_10:

(Start: 175 @6125 has 331 MA's), (Start: 191 @6158 has 6 MA's), (Start: 202 @6176 has 32 MA's), (Start: 203 @6179 has 2 MA's), (366, 6446), (389, 6497), (396, 6509), (430, 6584), (455, 6647), (468, 6680), (479, 6710), (521, 6791), (563, 6872), (570, 6896), (571, 6899), (572, 6902), (581, 6911), (624, 6998), (663, 7085),

Gene: Squid_49 Start: 41423, Stop: 42778, Start Num: 89

Candidate Starts for Squid_49:

(Start: 89 @41423 has 280 MA's), (Start: 105 @41474 has 11 MA's), (119, 41507), (128, 41525), (185, 41636), (186, 41639), (194, 41654), (249, 41750), (273, 41789), (287, 41819), (300, 41855), (354, 41966), (365, 41996), (367, 41999), (397, 42065), (457, 42224), (477, 42272), (481, 42290), (504, 42338), (566, 42482), (588, 42542), (628, 42647), (671, 42734),

Gene: Squiggle_49 Start: 41426, Stop: 42781, Start Num: 89

Candidate Starts for Squiggle_49:

(Start: 89 @41426 has 280 MA's), (Start: 105 @41477 has 11 MA's), (119, 41510), (185, 41639), (186, 41642), (194, 41657), (249, 41753), (273, 41792), (287, 41822), (300, 41858), (354, 41969), (365, 41999), (367, 42002), (397, 42068), (457, 42227), (477, 42275), (481, 42293), (504, 42341), (566, 42485), (588, 42545), (628, 42650), (671, 42737),

Gene: Squint_47 Start: 39016, Stop: 40020, Start Num: 103

Candidate Starts for Squint_47:

(Start: 103 @39016 has 9 MA's), (130, 39070), (Start: 158 @39121 has 220 MA's), (196, 39193), (244, 39268), (307, 39382), (314, 39394), (332, 39427), (365, 39496), (374, 39508), (380, 39520), (382, 39523), (401, 39568), (407, 39586), (478, 39748), (486, 39763), (490, 39772), (671, 39973),

Gene: SrishMeg2525_250 Start: 145505, Stop: 146533, Start Num: 158

Candidate Starts for SrishMeg2525_250:

(Start: 158 @145505 has 220 MA's), (Start: 175 @145535 has 331 MA's), (182, 145547), (Start: 203 @145589 has 2 MA's), (243, 145652), (254, 145673), (Start: 297 @145757 has 1 MA's), (331, 145799), (339, 145811), (346, 145826), (378, 145895), (389, 145922), (414, 145976), (427, 146021), (428, 146024), (460, 146102), (468, 146123), (521, 146234), (565, 146324), (570, 146342), (611, 146414), (625, 146447),

Gene: StAnnes_30 Start: 27994, Stop: 29064, Start Num: 164

Candidate Starts for StAnnes_30:

(138, 27943), (Start: 164 @27994 has 214 MA's), (Start: 179 @28021 has 14 MA's), (Start: 191 @28048 has 6 MA's), (197, 28057), (236, 28117), (248, 28144), (288, 28210), (316, 28264), (346, 28306), (366, 28357), (413, 28471), (423, 28504), (445, 28579), (454, 28600), (518, 28729), (552, 28801), (592, 28897), (596, 28909), (630, 28978), (654, 29035), (660, 29044),

Gene: Stagni_12 Start: 5964, Stop: 6929, Start Num: 166

Candidate Starts for Stagni_12:

(Start: 166 @5964 has 96 MA's), (Start: 191 @6009 has 6 MA's), (Start: 203 @6030 has 2 MA's), (280, 6150), (362, 6288), (389, 6345), (398, 6360), (439, 6441), (444, 6456), (452, 6474), (474, 6525), (479, 6543), (502, 6588), (552, 6684), (571, 6747), (593, 6786), (620, 6837),

Gene: Stank_38 Start: 32364, Stop: 33221, Start Num: 209

Candidate Starts for Stank_38:

(Start: 209 @32364 has 127 MA's), (229, 32403), (244, 32433), (255, 32454), (274, 32490), (288, 32520), (327, 32595), (352, 32643), (355, 32646), (365, 32670), (367, 32673), (378, 32688), (443, 32859), (494, 32973), (501, 32988), (504, 32994), (582, 33036), (584, 33039), (612, 33093), (646, 33171), (662, 33204),

Gene: Stap_32 Start: 27675, Stop: 28676, Start Num: 164

Candidate Starts for Stap_32:

(119, 27576), (Start: 164 @27675 has 214 MA's), (Start: 203 @27750 has 2 MA's), (243, 27813), (246, 27819), (254, 27834), (281, 27882), (Start: 297 @27918 has 1 MA's), (331, 27957), (333, 27960), (339,

27969), (346, 27984), (370, 28041), (389, 28080), (439, 28191), (464, 28251), (468, 28263), (487, 28311), (502, 28338), (521, 28377), (570, 28485), (596, 28533), (630, 28602), (644, 28632),

Gene: StarStuff_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for StarStuff_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: Starcevich_35 Start: 28400, Stop: 29401, Start Num: 164

Candidate Starts for Starcevich_35:

(Start: 164 @28400 has 214 MA's), (Start: 175 @28421 has 331 MA's), (182, 28433), (Start: 203 @28475 has 2 MA's), (243, 28538), (254, 28559), (271, 28589), (Start: 297 @28643 has 1 MA's), (Start: 313 @28667 has 1 MA's), (331, 28682), (339, 28694), (389, 28805), (440, 28919), (446, 28937), (464, 28976), (474, 29000), (487, 29036), (502, 29063), (521, 29102), (570, 29210), (596, 29258), (603, 29270), (625, 29315), (630, 29327), (644, 29357),

Gene: Stargaze_28 Start: 26950, Stop: 28173, Start Num: 96

Candidate Starts for Stargaze_28:

(1, 25669), (12, 26116), (14, 26167), (21, 26383), (31, 26503), (34, 26530), (37, 26572), (Start: 96 @26950 has 92 MA's), (163, 27112), (184, 27154), (211, 27196), (231, 27232), (249, 27268), (293, 27349), (300, 27373), (327, 27421), (341, 27445), (361, 27505), (373, 27532), (381, 27544), (410, 27622), (461, 27733), (477, 27772), (498, 27826), (672, 28135),

Gene: Stark_36 Start: 31616, Stop: 32473, Start Num: 209

Candidate Starts for Stark_36:

(Start: 209 @31616 has 127 MA's), (229, 31655), (244, 31685), (255, 31706), (274, 31742), (288, 31772), (327, 31847), (352, 31895), (355, 31898), (365, 31922), (367, 31925), (378, 31940), (443, 32111), (494, 32225), (501, 32240), (504, 32246), (582, 32288), (584, 32291), (612, 32345), (646, 32423), (662, 32456),

Gene: Stasia_11 Start: 6326, Stop: 7306, Start Num: 177

Candidate Starts for Stasia_11:

(Start: 177 @6326 has 116 MA's), (Start: 179 @6329 has 14 MA's), (190, 6353), (Start: 202 @6374 has 32 MA's), (Start: 203 @6377 has 2 MA's), (362, 6626), (389, 6683), (396, 6695), (432, 6767), (450, 6815), (479, 6872), (550, 7022), (594, 7133), (607, 7157), (639, 7223), (643, 7244), (661, 7277),

Gene: SteMason_9 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for SteMason_9:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: StellaBean_35 Start: 31857, Stop: 32714, Start Num: 209

Candidate Starts for StellaBean_35:

(Start: 209 @31857 has 127 MA's), (229, 31896), (244, 31926), (255, 31947), (274, 31983), (288, 32013), (327, 32088), (352, 32136), (355, 32139), (365, 32163), (367, 32166), (378, 32181), (443, 32352), (494, 32466), (501, 32481), (504, 32487), (582, 32529), (584, 32532), (612, 32586), (646, 32664), (662, 32697),

Gene: Stellammi_37 Start: 28005, Stop: 29003, Start Num: 107

Candidate Starts for Stellammi_37:

(107, 28005), (130, 28059), (196, 28182), (Start: 203 @28194 has 2 MA's), (223, 28224), (225, 28227), (244, 28254), (307, 28368), (314, 28380), (324, 28401), (332, 28413), (340, 28425), (365, 28479),

(375, 28494), (380, 28503), (415, 28590), (449, 28674), (478, 28731), (495, 28767), (620, 28839), (621, 28842), (644, 28902), (657, 28935), (671, 28956), (674, 28965), (676, 28977),

Gene: StepMih_12 Start: 5955, Stop: 6920, Start Num: 166

Candidate Starts for StepMih_12:

(Start: 166 @5955 has 96 MA's), (Start: 191 @6000 has 6 MA's), (Start: 203 @6021 has 2 MA's), (280, 6141), (362, 6279), (389, 6336), (398, 6351), (439, 6432), (444, 6447), (452, 6465), (474, 6516), (479, 6534), (502, 6579), (552, 6675), (571, 6738), (593, 6777), (620, 6828),

Gene: StephanieG_246 Start: 145053, Stop: 146081, Start Num: 158

Candidate Starts for StephanieG_246:

(Start: 158 @145053 has 220 MA's), (Start: 175 @145083 has 331 MA's), (182, 145095), (Start: 203 @145137 has 2 MA's), (243, 145200), (254, 145221), (Start: 297 @145305 has 1 MA's), (331, 145347), (339, 145359), (346, 145374), (378, 145443), (389, 145470), (414, 145524), (427, 145569), (428, 145572), (460, 145650), (468, 145671), (521, 145782), (565, 145872), (570, 145890), (611, 145962), (625, 145995),

Gene: StevieRay_27 Start: 24031, Stop: 25197, Start Num: 110

Candidate Starts for StevieRay_27:

(Start: 110 @24031 has 51 MA's), (134, 24088), (178, 24175), (207, 24220), (249, 24295), (264, 24316), (300, 24400), (327, 24439), (334, 24451), (354, 24505), (365, 24535), (379, 24556), (397, 24601), (434, 24697), (447, 24736), (461, 24751), (477, 24790), (517, 24877), (524, 24895), (531, 24901), (571, 24949), (588, 24970), (621, 25042), (651, 25117),

Gene: StewieG_9 Start: 5834, Stop: 6802, Start Num: 175

Candidate Starts for StewieG_9:

(Start: 175 @5834 has 331 MA's), (Start: 191 @5867 has 6 MA's), (Start: 202 @5885 has 32 MA's), (Start: 203 @5888 has 2 MA's), (366, 6155), (389, 6206), (396, 6218), (430, 6293), (455, 6356), (461, 6368), (468, 6389), (474, 6401), (479, 6419), (487, 6437), (500, 6461), (521, 6500), (563, 6581), (570, 6605), (571, 6608), (572, 6611), (581, 6620), (624, 6707), (663, 6794),

Gene: Stink_10 Start: 5846, Stop: 6826, Start Num: 177

Candidate Starts for Stink_10:

(Start: 177 @5846 has 116 MA's), (190, 5873), (Start: 202 @5894 has 32 MA's), (Start: 203 @5897 has 2 MA's), (362, 6146), (389, 6203), (396, 6215), (420, 6266), (432, 6287), (450, 6335), (479, 6392), (550, 6542), (598, 6665), (607, 6677), (639, 6743), (671, 6818),

Gene: Stinson_32 Start: 26696, Stop: 27568, Start Num: 227

Candidate Starts for Stinson_32:

(Start: 209 @26669 has 127 MA's), (Start: 227 @26696 has 136 MA's), (Start: 238 @26708 has 1 MA's), (275, 26777), (288, 26804), (300, 26834), (307, 26843), (327, 26879), (332, 26888), (346, 26921), (352, 26939), (397, 27029), (465, 27164), (478, 27191), (489, 27212), (499, 27236), (539, 27287), (596, 27389), (621, 27425), (630, 27449), (674, 27548), (676, 27557),

Gene: StolenFromERC_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for StolenFromERC_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443, 32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: StormChicken_35 Start: 32032, Stop: 32889, Start Num: 209

Candidate Starts for StormChicken_35:

(Start: 209 @32032 has 127 MA's), (229, 32071), (244, 32101), (255, 32122), (274, 32158), (288, 32188), (327, 32263), (352, 32311), (355, 32314), (365, 32338), (367, 32341), (378, 32356), (443, 32527), (488, 32626), (494, 32641), (501, 32656), (504, 32662), (582, 32704), (584, 32707), (612, 32761), (646, 32839), (662, 32872),

Gene: StressBall_27 Start: 24311, Stop: 25477, Start Num: 110

Candidate Starts for StressBall_27:

(15, 23558), (26, 23729), (36, 23825), (43, 23930), (Start: 110 @24311 has 51 MA's), (114, 24320), (132, 24365), (134, 24368), (178, 24455), (207, 24500), (249, 24575), (264, 24596), (273, 24614), (300, 24680), (327, 24719), (354, 24785), (365, 24815), (379, 24836), (397, 24881), (434, 24977), (447, 25016), (461, 25031), (477, 25070), (517, 25157), (524, 25175), (531, 25181), (571, 25229), (621, 25322), (651, 25397),

Gene: Strobilo_29 Start: 24780, Stop: 25982, Start Num: 105

Candidate Starts for Strobilo_29:

(95, 24738), (Start: 105 @24780 has 11 MA's), (115, 24807), (124, 24828), (139, 24864), (150, 24885), (Start: 164 @24912 has 214 MA's), (195, 24972), (217, 25008), (Start: 238 @25041 has 1 MA's), (240, 25044), (255, 25074), (288, 25140), (307, 25179), (351, 25257), (375, 25302), (401, 25359), (407, 25377), (478, 25542), (489, 25563), (498, 25584), (557, 25689), (561, 25704), (593, 25773), (625, 25830), (657, 25911),

Gene: Strokeseat_32 Start: 28331, Stop: 29347, Start Num: 164

Candidate Starts for Strokeseat_32:

(64, 28013), (65, 28019), (68, 28031), (Start: 71 @28043 has 1 MA's), (74, 28055), (Start: 164 @28331 has 214 MA's), (232, 28463), (243, 28484), (254, 28505), (271, 28535), (278, 28547), (Start: 297 @28589 has 1 MA's), (Start: 313 @28613 has 1 MA's), (331, 28628), (339, 28640), (346, 28655), (389, 28751), (439, 28862), (446, 28883), (464, 28922), (468, 28934), (487, 28982), (502, 29009), (516, 29033), (521, 29048), (570, 29156), (596, 29204), (630, 29273), (644, 29303),

Gene: StrongArm_9 Start: 5686, Stop: 6654, Start Num: 175

Candidate Starts for StrongArm_9:

(Start: 175 @5686 has 331 MA's), (Start: 191 @5719 has 6 MA's), (Start: 202 @5737 has 32 MA's), (Start: 203 @5740 has 2 MA's), (366, 6007), (389, 6058), (396, 6070), (430, 6145), (455, 6208), (468, 6241), (474, 6253), (479, 6271), (487, 6289), (521, 6352), (563, 6433), (570, 6457), (571, 6460), (572, 6463), (581, 6472), (624, 6559), (663, 6646),

Gene: Struggle_48 Start: 41258, Stop: 42613, Start Num: 89

Candidate Starts for Struggle_48:

(Start: 89 @41258 has 280 MA's), (Start: 105 @41309 has 11 MA's), (119, 41342), (185, 41471), (186, 41474), (194, 41489), (249, 41585), (273, 41624), (287, 41654), (300, 41690), (354, 41801), (365, 41831), (367, 41834), (397, 41900), (457, 42059), (477, 42107), (481, 42125), (504, 42173), (566, 42317), (588, 42377), (628, 42482), (671, 42569),

Gene: Stubby_235 Start: 141838, Stop: 142866, Start Num: 158

Candidate Starts for Stubby_235:

(Start: 158 @141838 has 220 MA's), (Start: 175 @141868 has 331 MA's), (Start: 203 @141922 has 2 MA's), (243, 141985), (254, 142006), (Start: 297 @142090 has 1 MA's), (331, 142132), (339, 142144), (346, 142159), (378, 142228), (389, 142255), (414, 142309), (427, 142354), (428, 142357), (460, 142435), (468, 142456), (521, 142567), (565, 142657), (570, 142675), (611, 142747), (625, 142780),

Gene: StubbySaigey_259 Start: 145035, Stop: 146063, Start Num: 158

Candidate Starts for StubbySaigey_259:

(Start: 158 @145035 has 220 MA's), (Start: 175 @145065 has 331 MA's), (182, 145077), (Start: 203 @145119 has 2 MA's), (243, 145182), (254, 145203), (Start: 297 @145287 has 1 MA's), (331, 145329), (339, 145341), (346, 145356), (378, 145425), (389, 145452), (414, 145506), (427, 145551), (428, 145554), (460, 145632), (468, 145653), (521, 145764), (565, 145854), (570, 145872), (611, 145944), (625, 145977),

Gene: Stuck_30 Start: 24571, Stop: 25755, Start Num: 106

Candidate Starts for Stuck_30:

(73, 24451), (Start: 106 @24571 has 2 MA's), (127, 24613), (178, 24718), (207, 24772), (249, 24847), (264, 24868), (288, 24919), (300, 24952), (327, 24991), (354, 25057), (379, 25108), (397, 25153), (404, 25168), (434, 25249), (447, 25288), (461, 25303), (477, 25342), (517, 25429), (524, 25447), (571, 25507), (579, 25516), (588, 25528), (591, 25534), (621, 25600), (651, 25675), (677, 25738),

Gene: Substance289_248 Start: 144458, Stop: 145486, Start Num: 158

Candidate Starts for Substance289_248:

(Start: 158 @144458 has 220 MA's), (Start: 175 @144488 has 331 MA's), (182, 144500), (Start: 203 @144542 has 2 MA's), (243, 144605), (254, 144626), (Start: 297 @144710 has 1 MA's), (331, 144752), (339, 144764), (346, 144779), (378, 144848), (389, 144875), (414, 144929), (427, 144974), (428, 144977), (460, 145055), (468, 145076), (521, 145187), (565, 145277), (570, 145295), (611, 145367), (625, 145400),

Gene: Suffolk_49 Start: 41707, Stop: 43062, Start Num: 89

Candidate Starts for Suffolk_49:

(Start: 89 @41707 has 280 MA's), (Start: 105 @41758 has 11 MA's), (119, 41791), (185, 41920), (186, 41923), (194, 41938), (249, 42034), (273, 42073), (287, 42103), (300, 42139), (354, 42250), (365, 42280), (367, 42283), (397, 42349), (457, 42508), (477, 42556), (481, 42574), (504, 42622), (566, 42766), (588, 42826), (628, 42931), (671, 43018),

Gene: Sulley_31 Start: 26427, Stop: 27299, Start Num: 227

Candidate Starts for Sulley_31:

(85, 26097), (165, 26325), (Start: 209 @26400 has 127 MA's), (Start: 227 @26427 has 136 MA's), (Start: 238 @26439 has 1 MA's), (275, 26508), (288, 26535), (300, 26565), (307, 26574), (327, 26610), (332, 26619), (346, 26652), (352, 26670), (367, 26700), (397, 26760), (465, 26895), (478, 26922), (489, 26943), (499, 26967), (539, 27018), (596, 27120), (621, 27156), (630, 27180), (674, 27279), (676, 27288),

Gene: Sultana_10 Start: 5882, Stop: 6862, Start Num: 177

Candidate Starts for Sultana_10:

(Start: 177 @5882 has 116 MA's), (Start: 179 @5885 has 14 MA's), (190, 5909), (Start: 202 @5930 has 32 MA's), (Start: 203 @5933 has 2 MA's), (362, 6182), (389, 6239), (432, 6323), (439, 6344), (450, 6371), (469, 6401), (479, 6428), (550, 6578), (594, 6689), (598, 6701), (607, 6713), (639, 6779),

Gene: Sumter_9 Start: 5577, Stop: 6545, Start Num: 175

Candidate Starts for Sumter_9:

(Start: 175 @5577 has 331 MA's), (Start: 191 @5610 has 6 MA's), (Start: 202 @5628 has 32 MA's), (Start: 203 @5631 has 2 MA's), (366, 5898), (389, 5949), (396, 5961), (430, 6036), (455, 6099), (461, 6111), (468, 6132), (474, 6144), (479, 6162), (487, 6180), (500, 6204), (521, 6243), (563, 6324), (570, 6348), (571, 6351), (572, 6354), (581, 6363), (624, 6450), (644, 6495), (663, 6537),

Gene: Sunflower1121_30 Start: 25725, Stop: 26468, Start Num: 226

Candidate Starts for Sunflower1121_30:

(165, 25623), (176, 25644), (196, 25677), (Start: 209 @25698 has 127 MA's), (Start: 226 @25725 has 29 MA's), (251, 25767), (255, 25773), (275, 25809), (300, 25857), (307, 25866), (327, 25902), (346,

25944), (397, 26052), (465, 26187), (476, 26202), (478, 26214), (489, 26235), (509, 26250), (559, 26259), (591, 26271), (625, 26337), (657, 26418), (671, 26439), (674, 26448),

Gene: Sunshine924_9 Start: 5560, Stop: 6528, Start Num: 175

Candidate Starts for Sunshine924_9:

(Start: 175 @5560 has 331 MA's), (Start: 191 @5593 has 6 MA's), (Start: 202 @5611 has 32 MA's), (Start: 203 @5614 has 2 MA's), (366, 5881), (389, 5932), (396, 5944), (430, 6019), (455, 6082), (468, 6115), (474, 6127), (479, 6145), (487, 6163), (500, 6187), (521, 6226), (563, 6307), (570, 6331), (571, 6334), (572, 6337), (581, 6346), (624, 6433), (663, 6520),

Gene: SuperGrey_32 Start: 28493, Stop: 29494, Start Num: 164

Candidate Starts for SuperGrey_32:

(Start: 164 @28493 has 214 MA's), (Start: 203 @28568 has 2 MA's), (222, 28601), (243, 28631), (254, 28652), (Start: 297 @28736 has 1 MA's), (339, 28787), (346, 28802), (389, 28898), (439, 29009), (446, 29030), (464, 29069), (468, 29081), (487, 29129), (502, 29156), (516, 29180), (521, 29195), (570, 29303), (596, 29351), (630, 29420), (644, 29450),

Gene: SuperSonics_41 Start: 34968, Stop: 35993, Start Num: 158

Candidate Starts for SuperSonics_41:

(Start: 158 @34968 has 220 MA's), (243, 35103), (288, 35178), (343, 35262), (346, 35271), (355, 35295), (357, 35304), (405, 35397), (439, 35496), (452, 35529), (459, 35544), (466, 35565), (472, 35574), (518, 35661), (533, 35679), (549, 35709), (552, 35727), (562, 35763), (596, 35838), (603, 35850), (606, 35853), (624, 35892), (649, 35949),

Gene: Superphikiman_48 Start: 39088, Stop: 40092, Start Num: 103

Candidate Starts for Superphikiman_48:

(Start: 103 @39088 has 9 MA's), (130, 39142), (Start: 158 @39193 has 220 MA's), (196, 39265), (244, 39340), (307, 39454), (314, 39466), (332, 39499), (365, 39568), (374, 39580), (380, 39592), (382, 39595), (401, 39640), (407, 39658), (478, 39820), (486, 39835), (490, 39844), (671, 40045),

Gene: Surely_49 Start: 41713, Stop: 43068, Start Num: 89

Candidate Starts for Surely_49:

(Start: 89 @41713 has 280 MA's), (Start: 105 @41764 has 11 MA's), (119, 41797), (185, 41926), (186, 41929), (194, 41944), (249, 42040), (273, 42079), (287, 42109), (300, 42145), (354, 42256), (365, 42286), (367, 42289), (397, 42355), (457, 42514), (477, 42562), (481, 42580), (504, 42628), (566, 42772), (588, 42832), (628, 42937), (651, 42991), (671, 43024),

Gene: SwagPigglett_31 Start: 27510, Stop: 28511, Start Num: 164

Candidate Starts for SwagPigglett_31:

(Start: 164 @27510 has 214 MA's), (Start: 175 @27531 has 331 MA's), (182, 27543), (Start: 203 @27585 has 2 MA's), (243, 27648), (254, 27669), (271, 27699), (Start: 297 @27753 has 1 MA's), (Start: 313 @27777 has 1 MA's), (331, 27792), (339, 27804), (389, 27915), (440, 28029), (446, 28047), (464, 28086), (474, 28110), (487, 28146), (502, 28173), (521, 28212), (552, 28260), (570, 28320), (603, 28380), (630, 28437), (644, 28467),

Gene: SwainyDoc_47 Start: 41532, Stop: 42596, Start Num: 151

Candidate Starts for SwainyDoc_47:

(Start: 151 @41532 has 50 MA's), (184, 41595), (236, 41676), (271, 41742), (279, 41757), (288, 41769), (298, 41796), (343, 41853), (346, 41862), (413, 42009), (419, 42024), (439, 42078), (452, 42111), (467, 42150), (475, 42162), (518, 42243), (533, 42261), (535, 42264), (552, 42309), (596, 42420), (649, 42531), (658, 42552), (673, 42585),

Gene: SweetiePie_11 Start: 6372, Stop: 7364, Start Num: 175

Candidate Starts for SweetiePie_11:

(Start: 175 @6372 has 331 MA's), (Start: 202 @6423 has 32 MA's), (Start: 203 @6426 has 2 MA's), (222, 6459), (237, 6474), (309, 6594), (331, 6600), (368, 6687), (389, 6732), (450, 6864), (476, 6903), (497, 6951), (542, 7032), (552, 7074), (580, 7161), (607, 7209), (636, 7275), (669, 7350),

Gene: Sweets_28 Start: 25196, Stop: 26404, Start Num: 96

Candidate Starts for Sweets_28:

(72, 25103), (Start: 96 @25196 has 92 MA's), (168, 25370), (211, 25442), (273, 25541), (278, 25550), (288, 25574), (293, 25583), (300, 25607), (310, 25628), (327, 25655), (334, 25667), (361, 25739), (381, 25778), (461, 25967), (470, 25991), (477, 26006), (483, 26027), (504, 26072), (506, 26075), (541, 26126),

Gene: Swiphy_49 Start: 41708, Stop: 43063, Start Num: 89

Candidate Starts for Swiphy_49:

(Start: 89 @41708 has 280 MA's), (Start: 105 @41759 has 11 MA's), (119, 41792), (185, 41921), (186, 41924), (194, 41939), (249, 42035), (273, 42074), (287, 42104), (300, 42140), (354, 42251), (365, 42281), (367, 42284), (397, 42350), (457, 42509), (477, 42557), (481, 42575), (504, 42623), (566, 42767), (588, 42827), (628, 42932), (671, 43019),

Gene: Swish_50 Start: 41831, Stop: 43207, Start Num: 89

Candidate Starts for Swish_50:

(Start: 89 @41831 has 280 MA's), (Start: 105 @41882 has 11 MA's), (119, 41915), (185, 42044), (186, 42047), (194, 42062), (249, 42158), (273, 42197), (287, 42227), (300, 42263), (354, 42374), (365, 42404), (367, 42407), (397, 42473), (457, 42632), (477, 42680), (481, 42698), (504, 42746), (566, 42911), (588, 42971), (628, 43076), (671, 43163),

Gene: SwissCheese_10 Start: 6022, Stop: 6990, Start Num: 175

Candidate Starts for SwissCheese_10:

(Start: 175 @6022 has 331 MA's), (Start: 191 @6055 has 6 MA's), (Start: 202 @6073 has 32 MA's), (Start: 203 @6076 has 2 MA's), (366, 6343), (389, 6394), (396, 6406), (430, 6481), (455, 6544), (468, 6577), (474, 6589), (479, 6607), (487, 6625), (500, 6649), (521, 6688), (563, 6769), (570, 6793), (571, 6796), (572, 6799), (581, 6808), (624, 6895), (644, 6940), (663, 6982),

Gene: Switzer_10 Start: 5607, Stop: 6575, Start Num: 175

Candidate Starts for Switzer_10:

(Start: 175 @5607 has 331 MA's), (Start: 191 @5640 has 6 MA's), (Start: 202 @5658 has 32 MA's), (Start: 203 @5661 has 2 MA's), (366, 5928), (389, 5979), (396, 5991), (430, 6066), (455, 6129), (461, 6141), (468, 6162), (474, 6174), (479, 6192), (487, 6210), (500, 6234), (521, 6273), (563, 6354), (570, 6378), (571, 6381), (572, 6384), (581, 6393), (618, 6459), (624, 6480), (663, 6567),

Gene: Swole_12 Start: 6491, Stop: 7459, Start Num: 175

Candidate Starts for Swole_12:

(Start: 175 @6491 has 331 MA's), (Start: 191 @6524 has 6 MA's), (Start: 202 @6542 has 32 MA's), (Start: 203 @6545 has 2 MA's), (366, 6812), (389, 6863), (396, 6875), (430, 6950), (455, 7013), (461, 7025), (468, 7046), (479, 7076), (487, 7094), (500, 7118), (521, 7157), (563, 7238), (570, 7262), (571, 7265), (572, 7268), (581, 7277), (624, 7364), (644, 7409), (663, 7451),

Gene: SynergyX_47 Start: 41537, Stop: 42601, Start Num: 151

Candidate Starts for SynergyX_47:

(Start: 151 @41537 has 50 MA's), (184, 41600), (236, 41681), (271, 41747), (279, 41762), (288, 41774), (298, 41801), (343, 41858), (346, 41867), (413, 42014), (419, 42029), (439, 42083), (452, 42116), (467, 42155), (475, 42167), (518, 42248), (533, 42266), (535, 42269), (552, 42314), (596, 42425), (649, 42536), (658, 42557), (673, 42590),

Gene: Syra333_31 Start: 25735, Stop: 26478, Start Num: 226

Candidate Starts for Syra333_31:

(Start: 209 @25708 has 127 MA's), (Start: 226 @25735 has 29 MA's), (251, 25777), (255, 25783), (275, 25819), (300, 25867), (307, 25876), (327, 25912), (346, 25954), (397, 26062), (465, 26197), (476, 26212), (478, 26224), (489, 26245), (509, 26260), (559, 26269), (591, 26281), (657, 26428), (671, 26449), (674, 26458),

Gene: TBond007_31 Start: 26937, Stop: 27725, Start Num: 227

Candidate Starts for TBond007_31:

(Start: 209 @26913 has 127 MA's), (Start: 227 @26937 has 136 MA's), (255, 26982), (275, 27018), (300, 27075), (307, 27084), (327, 27120), (352, 27174), (364, 27198), (433, 27339), (465, 27402), (478, 27444), (489, 27465), (491, 27471), (499, 27489), (593, 27519), (630, 27588), (659, 27660), (674, 27690),

Gene: TBrady12_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for TBrady12_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443, 32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: TChen_31 Start: 28122, Stop: 29198, Start Num: 164

Candidate Starts for TChen_31:

(Start: 164 @28122 has 214 MA's), (Start: 179 @28149 has 14 MA's), (192, 28179), (197, 28185), (243, 28260), (248, 28272), (260, 28290), (293, 28347), (343, 28425), (346, 28434), (366, 28485), (384, 28527), (394, 28551), (399, 28560), (413, 28602), (423, 28635), (439, 28692), (440, 28695), (445, 28710), (450, 28722), (459, 28743), (464, 28755), (475, 28779), (518, 28860), (530, 28884), (552, 28935), (583, 29013), (596, 29043), (597, 29046), (622, 29091), (630, 29112), (660, 29178),

Gene: TClif_32 Start: 26185, Stop: 27048, Start Num: 227

Candidate Starts for TClif_32:

(165, 26083), (176, 26104), (196, 26137), (Start: 209 @26158 has 127 MA's), (Start: 227 @26185 has 136 MA's), (Start: 238 @26197 has 1 MA's), (255, 26230), (275, 26266), (300, 26314), (307, 26323), (332, 26368), (346, 26401), (390, 26494), (397, 26509), (465, 26644), (478, 26671), (489, 26692), (499, 26716), (511, 26737), (594, 26863), (596, 26869), (622, 26908), (674, 27028), (676, 27037),

Gene: TDanisky_31 Start: 27617, Stop: 28618, Start Num: 164

Candidate Starts for TDanisky_31:

(Start: 164 @27617 has 214 MA's), (Start: 203 @27692 has 2 MA's), (222, 27725), (243, 27755), (254, 27776), (271, 27806), (278, 27818), (Start: 297 @27860 has 1 MA's), (Start: 313 @27884 has 1 MA's), (331, 27899), (339, 27911), (389, 28022), (440, 28136), (446, 28154), (464, 28193), (474, 28217), (487, 28253), (521, 28319), (570, 28427), (596, 28475), (603, 28487), (625, 28532), (630, 28544), (644, 28574),

Gene: TM4_30 Start: 24984, Stop: 26186, Start Num: 105

Candidate Starts for TM4_30:

(78, 24861), (82, 24882), (95, 24945), (Start: 105 @24984 has 11 MA's), (115, 25011), (124, 25032), (139, 25068), (Start: 164 @25113 has 214 MA's), (217, 25209), (Start: 238 @25242 has 1 MA's), (240, 25245), (255, 25275), (288, 25341), (307, 25380), (351, 25458), (375, 25503), (407, 25578), (436, 25650), (478, 25743), (489, 25764), (498, 25785), (499, 25788), (557, 25902), (561, 25917), (593, 25977), (625, 26034), (657, 26115),

Gene: TNguyen7_10 Start: 5709, Stop: 6449, Start Num: 315

Candidate Starts for TNguyen7_10:

(220, 5592), (Start: 315 @5709 has 18 MA's), (362, 5796), (389, 5853), (396, 5865), (398, 5868), (408, 5892), (414, 5907), (427, 5925), (439, 5955), (441, 5961), (444, 5970), (452, 5988), (474, 6039), (479, 6057), (518, 6129), (546, 6171), (552, 6198), (559, 6225), (570, 6258), (571, 6261), (593, 6300), (666, 6441),

Gene: Tachez_31 Start: 26423, Stop: 27295, Start Num: 227

Candidate Starts for Tachez_31:

(Start: 209 @26396 has 127 MA's), (Start: 227 @26423 has 136 MA's), (Start: 238 @26435 has 1 MA's), (275, 26504), (288, 26531), (300, 26561), (307, 26570), (327, 26606), (332, 26615), (346, 26648), (352, 26666), (367, 26696), (395, 26753), (397, 26756), (465, 26891), (478, 26918), (489, 26939), (499, 26963), (539, 27014), (596, 27116), (621, 27152), (630, 27176), (674, 27275), (676, 27284),

Gene: Taheera_28 Start: 25310, Stop: 26527, Start Num: 96

Candidate Starts for Taheera_28:

(3, 24155), (4, 24215), (7, 24341), (8, 24374), (11, 24458), (22, 24761), (24, 24767), (28, 24818), (30, 24854), (32, 24872), (38, 24938), (62, 25166), (72, 25217), (Start: 96 @25310 has 92 MA's), (168, 25484), (211, 25556), (249, 25625), (273, 25664), (288, 25697), (293, 25706), (300, 25730), (327, 25778), (341, 25802), (381, 25901), (397, 25943), (461, 26090), (477, 26129), (483, 26150), (501, 26189), (504, 26195),

Gene: Tainan_252 Start: 143973, Stop: 145001, Start Num: 158

Candidate Starts for Tainan_252:

(Start: 158 @143973 has 220 MA's), (Start: 175 @144003 has 331 MA's), (182, 144015), (Start: 203 @144057 has 2 MA's), (243, 144120), (254, 144141), (Start: 297 @144225 has 1 MA's), (331, 144267), (339, 144279), (346, 144294), (378, 144363), (389, 144390), (414, 144444), (427, 144489), (428, 144492), (460, 144570), (468, 144591), (521, 144702), (565, 144792), (570, 144810), (611, 144882), (625, 144915),

Gene: TaiwanKao_32 Start: 26427, Stop: 27299, Start Num: 227

Candidate Starts for TaiwanKao_32:

(Start: 209 @26400 has 127 MA's), (Start: 227 @26427 has 136 MA's), (Start: 238 @26439 has 1 MA's), (275, 26508), (288, 26535), (300, 26565), (307, 26574), (327, 26610), (332, 26619), (346, 26652), (352, 26670), (397, 26760), (465, 26895), (478, 26922), (489, 26943), (499, 26967), (539, 27018), (568, 27069), (596, 27120), (621, 27156), (630, 27180), (674, 27279), (676, 27288),

Gene: Taj_31 Start: 27685, Stop: 28683, Start Num: 158

Candidate Starts for Taj_31:

(Start: 158 @27685 has 220 MA's), (Start: 203 @27760 has 2 MA's), (243, 27820), (254, 27841), (Start: 297 @27925 has 1 MA's), (339, 27976), (346, 27991), (389, 28087), (439, 28198), (446, 28219), (464, 28258), (468, 28270), (487, 28318), (502, 28345), (516, 28369), (521, 28384), (570, 28492), (596, 28540), (630, 28609), (644, 28639),

Gene: TallGrassMM_49 Start: 41326, Stop: 42681, Start Num: 89

Candidate Starts for TallGrassMM_49:

(Start: 89 @41326 has 280 MA's), (Start: 105 @41377 has 11 MA's), (119, 41410), (185, 41539), (186, 41542), (194, 41557), (249, 41653), (273, 41692), (287, 41722), (300, 41758), (354, 41869), (365, 41899), (367, 41902), (397, 41968), (457, 42127), (477, 42175), (481, 42193), (504, 42241), (566, 42385), (588, 42445), (628, 42550), (671, 42637),

Gene: Taquarus_10 Start: 5884, Stop: 6864, Start Num: 177

Candidate Starts for Taquarus_10:

(Start: 177 @5884 has 116 MA's), (Start: 179 @5887 has 14 MA's), (190, 5911), (Start: 202 @5932 has 32 MA's), (Start: 203 @5935 has 2 MA's), (362, 6184), (389, 6241), (420, 6304), (432, 6325), (439, 6346), (450, 6373), (469, 6403), (479, 6430), (550, 6580), (594, 6691), (598, 6703), (607, 6715), (639, 6781),

Gene: Taquito_32 Start: 28079, Stop: 28870, Start Num: 213

Candidate Starts for Taquito_32:

(Start: 213 @28079 has 23 MA's), (Start: 238 @28112 has 1 MA's), (255, 28145), (268, 28169), (280, 28190), (286, 28199), (295, 28229), (300, 28238), (307, 28247), (327, 28283), (371, 28364), (465, 28571), (478, 28598), (489, 28619), (495, 28634), (499, 28643), (594, 28667), (625, 28721), (630, 28733), (659, 28805),

Gene: Target_11 Start: 6279, Stop: 7247, Start Num: 175

Candidate Starts for Target_11:

(Start: 175 @6279 has 331 MA's), (Start: 191 @6312 has 6 MA's), (Start: 202 @6330 has 32 MA's), (Start: 203 @6333 has 2 MA's), (366, 6600), (389, 6651), (396, 6663), (430, 6738), (455, 6801), (465, 6825), (479, 6864), (487, 6882), (521, 6945), (563, 7026), (570, 7050), (571, 7053), (572, 7056), (581, 7065), (624, 7152),

Gene: Tarkin_37 Start: 32847, Stop: 33704, Start Num: 209

Candidate Starts for Tarkin_37:

(Start: 209 @32847 has 127 MA's), (229, 32886), (244, 32916), (255, 32937), (274, 32973), (288, 33003), (327, 33078), (352, 33126), (355, 33129), (365, 33153), (367, 33156), (378, 33171), (443, 33342), (494, 33456), (501, 33471), (504, 33477), (582, 33519), (584, 33522), (612, 33576), (646, 33654), (662, 33687),

Gene: TarsusIV_11 Start: 6440, Stop: 7432, Start Num: 175

Candidate Starts for TarsusIV_11:

(Start: 175 @6440 has 331 MA's), (Start: 203 @6494 has 2 MA's), (293, 6629), (309, 6662), (331, 6668), (344, 6695), (368, 6755), (389, 6800), (404, 6824), (450, 6932), (476, 6971), (497, 7019), (542, 7100), (543, 7103), (552, 7142), (580, 7229), (636, 7343), (669, 7418),

Gene: Tasp14_11 Start: 6262, Stop: 7230, Start Num: 175

Candidate Starts for Tasp14_11:

(Start: 175 @6262 has 331 MA's), (Start: 191 @6295 has 6 MA's), (Start: 202 @6313 has 32 MA's), (Start: 203 @6316 has 2 MA's), (366, 6583), (389, 6634), (396, 6646), (430, 6721), (455, 6784), (468, 6817), (474, 6829), (479, 6847), (487, 6865), (500, 6889), (521, 6928), (563, 7009), (570, 7033), (571, 7036), (572, 7039), (581, 7048), (624, 7135), (644, 7180), (663, 7222),

Gene: Taurus_12 Start: 5960, Stop: 6925, Start Num: 166

Candidate Starts for Taurus_12:

(Start: 166 @5960 has 96 MA's), (Start: 191 @6005 has 6 MA's), (Start: 203 @6026 has 2 MA's), (280, 6146), (389, 6341), (398, 6356), (439, 6437), (444, 6452), (452, 6470), (474, 6521), (479, 6539), (502, 6584), (552, 6680), (571, 6743), (593, 6782), (620, 6833),

Gene: Tchotchke_31 Start: 27119, Stop: 28120, Start Num: 164

Candidate Starts for Tchotchke_31:

(Start: 164 @27119 has 214 MA's), (Start: 175 @27140 has 331 MA's), (182, 27152), (Start: 203 @27194 has 2 MA's), (222, 27227), (243, 27257), (254, 27278), (Start: 297 @27362 has 1 MA's), (Start: 313 @27386 has 1 MA's), (331, 27401), (339, 27413), (389, 27524), (440, 27638), (446, 27656), (464, 27695), (474, 27719), (487, 27755), (521, 27821), (552, 27869), (570, 27929), (596, 27977), (603, 27989), (624, 28031), (625, 28034), (630, 28046), (644, 28076),

Gene: TeamEdward_35 Start: 32029, Stop: 32886, Start Num: 209

Candidate Starts for TeamEdward_35:

(Start: 209 @32029 has 127 MA's), (229, 32068), (244, 32098), (255, 32119), (274, 32155), (288, 32185), (327, 32260), (352, 32308), (355, 32311), (365, 32335), (367, 32338), (378, 32353), (443, 32524), (488, 32623), (494, 32638), (501, 32653), (504, 32659), (582, 32701), (584, 32704), (612, 32758), (646, 32836), (662, 32869),

Gene: Teardrop_251 Start: 144362, Stop: 145390, Start Num: 158

Candidate Starts for Teardrop_251:

(Start: 158 @144362 has 220 MA's), (Start: 175 @144392 has 331 MA's), (182, 144404), (Start: 203 @144446 has 2 MA's), (243, 144509), (254, 144530), (Start: 297 @144614 has 1 MA's), (331, 144656), (339, 144668), (346, 144683), (378, 144752), (389, 144779), (414, 144833), (427, 144878), (428, 144881), (460, 144959), (468, 144980), (521, 145091), (565, 145181), (570, 145199), (611, 145271), (625, 145304),

Gene: TeardropMSU_34 Start: 31758, Stop: 32615, Start Num: 209

Candidate Starts for TeardropMSU_34:

(Start: 209 @31758 has 127 MA's), (229, 31797), (244, 31827), (255, 31848), (274, 31884), (288, 31914), (327, 31989), (352, 32037), (355, 32040), (365, 32064), (367, 32067), (378, 32082), (443, 32253), (494, 32367), (501, 32382), (504, 32388), (582, 32430), (584, 32433), (612, 32487), (646, 32565), (662, 32598),

Gene: Teaspoon_36 Start: 31811, Stop: 32668, Start Num: 209

Candidate Starts for Teaspoon_36:

(Start: 209 @31811 has 127 MA's), (229, 31850), (244, 31880), (255, 31901), (274, 31937), (288, 31967), (327, 32042), (352, 32090), (355, 32093), (365, 32117), (367, 32120), (378, 32135), (443, 32306), (494, 32420), (501, 32435), (504, 32441), (582, 32483), (584, 32486), (612, 32540), (646, 32618), (662, 32651),

Gene: Techage_27 Start: 24043, Stop: 25209, Start Num: 110

Candidate Starts for Techage_27:

(Start: 110 @24043 has 51 MA's), (134, 24100), (178, 24187), (207, 24232), (Start: 209 @24235 has 127 MA's), (249, 24307), (264, 24328), (300, 24412), (327, 24451), (354, 24517), (365, 24547), (379, 24568), (397, 24613), (434, 24709), (447, 24748), (461, 24763), (477, 24802), (517, 24889), (524, 24907), (531, 24913), (571, 24961), (588, 24982), (621, 25054), (651, 25129),

Gene: Teejan_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Teejan_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: TelAviv_64 Start: 43386, Stop: 44426, Start Num: 160

Candidate Starts for TelAviv_64:

(Start: 160 @43386 has 30 MA's), (Start: 203 @43461 has 2 MA's), (243, 43542), (246, 43548), (254, 43563), (295, 43644), (Start: 297 @43647 has 1 MA's), (339, 43701), (346, 43716), (389, 43812), (408, 43851), (416, 43881), (427, 43911), (428, 43914), (441, 43947), (468, 44013), (487, 44061), (502, 44088), (521, 44127), (608, 44301), (630, 44352),

Gene: Telesworld_48 Start: 41405, Stop: 42760, Start Num: 89

Candidate Starts for Telesworld_48:

(Start: 89 @41405 has 280 MA's), (Start: 105 @41456 has 11 MA's), (119, 41489), (185, 41618), (186, 41621), (194, 41636), (249, 41732), (273, 41771), (287, 41801), (300, 41837), (354, 41948), (365, 41978), (367, 41981), (397, 42047), (457, 42206), (477, 42254), (481, 42272), (504, 42320), (566, 42464), (588, 42524), (628, 42629), (671, 42716),

Gene: Teodoridan_8 Start: 5393, Stop: 6361, Start Num: 175

Candidate Starts for Teodoridan_8:

(Start: 175 @5393 has 331 MA's), (Start: 191 @5426 has 6 MA's), (Start: 202 @5444 has 32 MA's), (Start: 203 @5447 has 2 MA's), (366, 5714), (389, 5765), (396, 5777), (430, 5852), (455, 5915), (465, 5939), (479, 5978), (487, 5996), (521, 6059), (563, 6140), (570, 6164), (571, 6167), (572, 6170), (581, 6179), (624, 6266), (663, 6353),

Gene: Terminus_35 Start: 31945, Stop: 32802, Start Num: 209

Candidate Starts for Terminus_35:

(Start: 209 @31945 has 127 MA's), (229, 31984), (244, 32014), (255, 32035), (274, 32071), (288, 32101), (327, 32176), (352, 32224), (355, 32227), (365, 32251), (367, 32254), (378, 32269), (443, 32440), (494, 32554), (501, 32569), (504, 32575), (582, 32617), (584, 32620), (612, 32674), (646, 32752), (662, 32785),

Gene: Terrific_15 Start: 6938, Stop: 7915, Start Num: 175

Candidate Starts for Terrific_15:

(Start: 175 @6938 has 331 MA's), (Start: 203 @6992 has 2 MA's), (250, 7049), (344, 7181), (362, 7229), (389, 7286), (407, 7322), (430, 7370), (444, 7409), (475, 7481), (479, 7496), (502, 7541), (513, 7559), (540, 7601), (552, 7649), (559, 7676), (565, 7691), (570, 7709), (571, 7712), (620, 7802),

Gene: Terror_28 Start: 25310, Stop: 26527, Start Num: 96

Candidate Starts for Terror_28:

(3, 24155), (4, 24215), (7, 24341), (8, 24374), (11, 24458), (22, 24761), (24, 24767), (28, 24818), (30, 24854), (32, 24872), (38, 24938), (62, 25166), (72, 25217), (Start: 96 @25310 has 92 MA's), (168, 25484), (211, 25556), (249, 25625), (273, 25664), (288, 25697), (293, 25706), (300, 25730), (327, 25778), (341, 25802), (381, 25901), (397, 25943), (461, 26090), (477, 26129), (483, 26150), (501, 26189), (504, 26195),

Gene: Texage_10 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Texage_10:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Thanksgivukkah_10 Start: 5886, Stop: 6866, Start Num: 177

Candidate Starts for Thanksgivukkah_10:

(Start: 177 @5886 has 116 MA's), (Start: 179 @5889 has 14 MA's), (190, 5913), (Start: 202 @5934 has 32 MA's), (Start: 203 @5937 has 2 MA's), (362, 6186), (389, 6243), (420, 6306), (432, 6327), (439, 6348), (450, 6375), (469, 6405), (479, 6432), (550, 6582), (594, 6693), (598, 6705), (607, 6717), (639, 6783),

Gene: TheloniousMonk_11 Start: 6506, Stop: 7474, Start Num: 175

Candidate Starts for TheloniousMonk_11:

(Start: 175 @6506 has 331 MA's), (Start: 191 @6539 has 6 MA's), (Start: 202 @6557 has 32 MA's), (Start: 203 @6560 has 2 MA's), (366, 6827), (389, 6878), (396, 6890), (430, 6965), (455, 7028), (461, 7040), (468, 7061), (474, 7073), (479, 7091), (487, 7109), (500, 7133), (521, 7172), (563, 7253), (570, 7277), (571, 7280), (572, 7283), (581, 7292), (624, 7379),

Gene: Thespis_27 Start: 24047, Stop: 25213, Start Num: 110

Candidate Starts for Thespis_27:

(5, 22928), (9, 23081), (15, 23294), (36, 23561), (43, 23666), (Start: 110 @24047 has 51 MA's), (114, 24056), (132, 24101), (134, 24104), (178, 24191), (207, 24236), (249, 24311), (264, 24332), (300, 24416), (327, 24455), (354, 24521), (365, 24551), (379, 24572), (397, 24617), (434, 24713), (447, 24752), (461, 24767), (465, 24779), (477, 24806), (515, 24890), (517, 24893), (524, 24911), (531, 24917), (571, 24965), (596, 25010), (621, 25058), (651, 25133),

Gene: ThetaBob_30 Start: 27001, Stop: 28077, Start Num: 164

Candidate Starts for ThetaBob_30:

(48, 26533), (51, 26548), (77, 26740), (117, 26902), (Start: 164 @27001 has 214 MA's), (Start: 179 @27028 has 14 MA's), (192, 27058), (248, 27151), (254, 27160), (260, 27169), (293, 27226), (301, 27250), (302, 27253), (316, 27271), (343, 27304), (346, 27313), (358, 27349), (366, 27364), (384, 27406), (394, 27430), (399, 27439), (403, 27451), (413, 27481), (422, 27511), (423, 27514), (439, 27571), (440, 27574), (445, 27589), (450, 27601), (454, 27610), (464, 27634), (475, 27658), (518, 27739), (552, 27814), (619, 27958), (621, 27967), (622, 27970), (624, 27976), (630, 27991), (660, 28057),

Gene: Thibault_42 Start: 39661, Stop: 40665, Start Num: 103

Candidate Starts for Thibault_42:

(Start: 103 @39661 has 9 MA's), (130, 39715), (Start: 158 @39766 has 220 MA's), (193, 39835), (196, 39838), (300, 40018), (307, 40027), (332, 40072), (365, 40141), (380, 40165), (382, 40168), (401, 40213), (407, 40231), (478, 40393), (490, 40417), (593, 40459), (671, 40618),

Gene: Thimble_35 Start: 30808, Stop: 31665, Start Num: 209

Candidate Starts for Thimble_35:

(Start: 209 @30808 has 127 MA's), (229, 30847), (244, 30877), (255, 30898), (274, 30934), (288, 30964), (327, 31039), (352, 31087), (355, 31090), (365, 31114), (367, 31117), (378, 31132), (443, 31303), (494, 31417), (501, 31432), (504, 31438), (582, 31480), (584, 31483), (612, 31537), (646, 31615), (662, 31648),

Gene: Thor_10 Start: 5845, Stop: 6813, Start Num: 175

Candidate Starts for Thor_10:

(Start: 175 @5845 has 331 MA's), (Start: 191 @5878 has 6 MA's), (Start: 202 @5896 has 32 MA's), (Start: 203 @5899 has 2 MA's), (366, 6166), (389, 6217), (396, 6229), (430, 6304), (455, 6367), (468, 6400), (474, 6412), (479, 6430), (487, 6448), (500, 6472), (521, 6511), (563, 6592), (570, 6616), (571, 6619), (572, 6622), (581, 6631), (624, 6718), (663, 6805),

Gene: Thora_49 Start: 41712, Stop: 43067, Start Num: 89

Candidate Starts for Thora_49:

(Start: 89 @41712 has 280 MA's), (Start: 105 @41763 has 11 MA's), (119, 41796), (185, 41925), (186, 41928), (194, 41943), (249, 42039), (273, 42078), (287, 42108), (300, 42144), (354, 42255), (365, 42285), (367, 42288), (397, 42354), (457, 42513), (477, 42561), (481, 42579), (504, 42627), (566, 42771), (588, 42831), (628, 42936), (651, 42990), (671, 43023),

Gene: ThreeOh3D2_50 Start: 41845, Stop: 43200, Start Num: 89

Candidate Starts for ThreeOh3D2_50:

(Start: 89 @41845 has 280 MA's), (Start: 105 @41896 has 11 MA's), (119, 41929), (185, 42058), (186, 42061), (194, 42076), (249, 42172), (273, 42211), (287, 42241), (300, 42277), (354, 42388), (365, 42418), (367, 42421), (397, 42487), (457, 42646), (477, 42694), (481, 42712), (504, 42760), (566, 42904), (588, 42964), (628, 43069), (651, 43123), (671, 43156),

Gene: ThreeRngTarjay_47 Start: 42712, Stop: 43584, Start Num: 202

Candidate Starts for ThreeRngTarjay_47:

(Start: 202 @42712 has 32 MA's), (Start: 218 @42739 has 1 MA's), (251, 42799), (278, 42847), (308, 42913), (327, 42934), (342, 42955), (364, 43009), (400, 43090), (522, 43369), (524, 43372), (545, 43396), (579, 43432), (590, 43447), (593, 43459), (601, 43480),

Gene: Thresher_36 Start: 32612, Stop: 33469, Start Num: 209

Candidate Starts for Thresher_36:

(Start: 209 @32612 has 127 MA's), (229, 32651), (244, 32681), (255, 32702), (274, 32738), (288, 32768), (327, 32843), (352, 32891), (355, 32894), (365, 32918), (367, 32921), (378, 32936), (443, 33107), (494, 33221), (501, 33236), (504, 33242), (582, 33284), (584, 33287), (612, 33341), (646, 33419), (662, 33452),

Gene: Thunderbird_48 Start: 41413, Stop: 42768, Start Num: 89

Candidate Starts for Thunderbird_48:

(Start: 89 @41413 has 280 MA's), (Start: 105 @41464 has 11 MA's), (119, 41497), (185, 41626), (186, 41629), (194, 41644), (249, 41740), (273, 41779), (287, 41809), (300, 41845), (354, 41956), (365, 41986), (367, 41989), (397, 42055), (457, 42214), (477, 42262), (481, 42280), (504, 42328), (566, 42472), (588, 42532), (628, 42637), (671, 42724),

Gene: Thyatira_30 Start: 27046, Stop: 27918, Start Num: 227

Candidate Starts for Thyatira_30:

(165, 26944), (196, 26998), (Start: 227 @27046 has 136 MA's), (Start: 238 @27058 has 1 MA's), (240, 27061), (242, 27064), (255, 27091), (272, 27121), (275, 27127), (300, 27181), (307, 27190), (314, 27202), (332, 27235), (346, 27268), (367, 27316), (401, 27385), (442, 27469), (478, 27538), (488, 27556), (489, 27559), (524, 27619), (559, 27664), (596, 27736), (621, 27772), (622, 27775), (630, 27796), (651, 27853), (671, 27889), (674, 27898), (676, 27907),

Gene: Tierra_31 Start: 26561, Stop: 27304, Start Num: 226

Candidate Starts for Tierra_31:

(Start: 209 @26534 has 127 MA's), (Start: 226 @26561 has 29 MA's), (240, 26579), (251, 26603), (255, 26609), (275, 26645), (300, 26693), (307, 26702), (327, 26738), (346, 26780), (397, 26888), (465, 27023), (476, 27038), (478, 27050), (489, 27071), (509, 27086), (511, 27089), (559, 27095), (625, 27173), (657, 27254), (671, 27275), (674, 27284),

Gene: Tiffany_12 Start: 5856, Stop: 6821, Start Num: 166

Candidate Starts for Tiffany_12:

(Start: 166 @5856 has 96 MA's), (Start: 191 @5901 has 6 MA's), (Start: 203 @5922 has 2 MA's), (280, 6042), (362, 6180), (389, 6237), (398, 6252), (439, 6333), (444, 6348), (452, 6366), (474, 6417), (479, 6435), (502, 6480), (552, 6576), (571, 6639), (593, 6678), (620, 6729),

Gene: Tigress9_32 Start: 25731, Stop: 26474, Start Num: 226

Candidate Starts for Tigress9_32:

(91, 25440), (102, 25482), (165, 25629), (176, 25650), (196, 25683), (Start: 209 @25704 has 127 MA's), (Start: 226 @25731 has 29 MA's), (251, 25773), (255, 25779), (275, 25815), (300, 25863), (307, 25872), (327, 25908), (346, 25950), (397, 26058), (465, 26193), (476, 26208), (478, 26220), (489, 26241), (509, 26256), (511, 26259), (559, 26265), (625, 26343), (657, 26424), (671, 26445), (674, 26454),

Gene: Timmi_48 Start: 41412, Stop: 42767, Start Num: 89

Candidate Starts for Timmi_48:

(Start: 89 @41412 has 280 MA's), (Start: 105 @41463 has 11 MA's), (119, 41496), (185, 41625), (186, 41628), (194, 41643), (249, 41739), (273, 41778), (287, 41808), (300, 41844), (354, 41955), (365,

41985), (367, 41988), (397, 42054), (457, 42213), (477, 42261), (481, 42279), (504, 42327), (566, 42471), (588, 42531), (628, 42636), (671, 42723),

Gene: Timshel_11 Start: 7306, Stop: 8283, Start Num: 175

Candidate Starts for Timshel_11:

(Start: 175 @7306 has 331 MA's), (Start: 203 @7360 has 2 MA's), (241, 7414), (261, 7447), (344, 7579), (389, 7684), (430, 7756), (440, 7783), (444, 7795), (452, 7813), (479, 7882), (513, 7945), (552, 8023), (559, 8050), (571, 8086), (596, 8134), (620, 8176), (628, 8200), (645, 8242),

Gene: TinaBug_28 Start: 25196, Stop: 26404, Start Num: 96

Candidate Starts for TinaBug_28:

(72, 25103), (Start: 96 @25196 has 92 MA's), (168, 25370), (211, 25442), (273, 25541), (278, 25550), (285, 25562), (288, 25574), (293, 25583), (300, 25607), (310, 25628), (327, 25655), (334, 25667), (361, 25739), (381, 25778), (461, 25967), (470, 25991), (477, 26006), (483, 26027), (504, 26072), (506, 26075), (541, 26126),

Gene: TinaFeyge_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for TinaFeyge_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: TingHuaYa_31 Start: 25601, Stop: 26455, Start Num: 227

Candidate Starts for TingHuaYa_31:

(176, 25520), (196, 25553), (Start: 209 @25574 has 127 MA's), (Start: 227 @25601 has 136 MA's), (Start: 238 @25613 has 1 MA's), (251, 25640), (255, 25646), (272, 25676), (300, 25736), (307, 25745), (332, 25790), (346, 25823), (465, 26066), (476, 26081), (478, 26093), (489, 26114), (499, 26138), (559, 26210), (596, 26276), (622, 26315), (630, 26336), (676, 26444),

Gene: TiniBug_31 Start: 26379, Stop: 27251, Start Num: 227

Candidate Starts for TiniBug_31:

(165, 26277), (Start: 209 @26352 has 127 MA's), (Start: 227 @26379 has 136 MA's), (Start: 238 @26391 has 1 MA's), (275, 26460), (288, 26487), (300, 26517), (307, 26526), (327, 26562), (332, 26571), (346, 26604), (352, 26622), (397, 26712), (465, 26847), (478, 26874), (489, 26895), (499, 26919), (594, 27066), (596, 27072), (621, 27108), (630, 27132), (674, 27231), (676, 27240),

Gene: TinyPebbles_12 Start: 6045, Stop: 7010, Start Num: 166

Candidate Starts for TinyPebbles_12:

(Start: 166 @6045 has 96 MA's), (Start: 191 @6090 has 6 MA's), (Start: 203 @6111 has 2 MA's), (280, 6231), (362, 6369), (389, 6426), (398, 6441), (439, 6522), (444, 6537), (452, 6555), (474, 6606), (479, 6624), (502, 6669), (552, 6765), (571, 6828), (593, 6867), (620, 6918),

Gene: TinyTerror_47 Start: 41522, Stop: 42586, Start Num: 151

Candidate Starts for TinyTerror_47:

(Start: 151 @41522 has 50 MA's), (184, 41585), (236, 41666), (271, 41732), (279, 41747), (288, 41759), (298, 41786), (343, 41843), (346, 41852), (413, 41999), (419, 42014), (439, 42068), (452, 42101), (467, 42140), (475, 42152), (518, 42233), (533, 42251), (535, 42254), (552, 42299), (596, 42410), (649, 42521), (658, 42542), (673, 42575),

Gene: TinyTim_251 Start: 144329, Stop: 145357, Start Num: 158

Candidate Starts for TinyTim_251:

(Start: 158 @144329 has 220 MA's), (Start: 175 @144359 has 331 MA's), (182, 144371), (Start: 203 @144413 has 2 MA's), (243, 144476), (254, 144497), (Start: 297 @144581 has 1 MA's), (331,

144623), (339, 144635), (346, 144650), (378, 144719), (389, 144746), (414, 144800), (427, 144845), (428, 144848), (460, 144926), (468, 144947), (521, 145058), (565, 145148), (570, 145166), (611, 145238), (625, 145271),

Gene: Tinybot_9 Start: 5861, Stop: 6841, Start Num: 177

Candidate Starts for Tinybot_9:

(Start: 177 @5861 has 116 MA's), (190, 5888), (Start: 202 @5909 has 32 MA's), (Start: 203 @5912 has 2 MA's), (362, 6161), (389, 6218), (396, 6230), (420, 6281), (432, 6302), (450, 6350), (479, 6407), (550, 6557), (598, 6680), (607, 6692), (639, 6758),

Gene: Tiri_31 Start: 26466, Stop: 27338, Start Num: 227

Candidate Starts for Tiri_31:

(Start: 209 @26439 has 127 MA's), (Start: 227 @26466 has 136 MA's), (Start: 238 @26478 has 1 MA's), (275, 26547), (288, 26574), (300, 26604), (307, 26613), (327, 26649), (332, 26658), (346, 26691), (352, 26709), (367, 26739), (397, 26799), (465, 26934), (478, 26961), (489, 26982), (499, 27006), (539, 27057), (596, 27159), (621, 27195), (630, 27219), (674, 27318), (676, 27327),

Gene: TiroTheta9_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for TiroTheta9_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Todacoro_11 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Todacoro_11:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: TomBombadil_49 Start: 41697, Stop: 43052, Start Num: 89

Candidate Starts for TomBombadil_49:

(Start: 89 @41697 has 280 MA's), (Start: 105 @41748 has 11 MA's), (119, 41781), (185, 41910), (186, 41913), (194, 41928), (249, 42024), (273, 42063), (287, 42093), (300, 42129), (354, 42240), (365, 42270), (367, 42273), (397, 42339), (457, 42498), (477, 42546), (481, 42564), (504, 42612), (566, 42756), (588, 42816), (628, 42921), (671, 43008),

Gene: TomBrady_28 Start: 25202, Stop: 26410, Start Num: 96

Candidate Starts for TomBrady_28:

(72, 25109), (Start: 96 @25202 has 92 MA's), (168, 25376), (211, 25448), (273, 25547), (278, 25556), (288, 25580), (293, 25589), (300, 25613), (310, 25634), (327, 25661), (334, 25673), (361, 25745), (381, 25784), (461, 25973), (470, 25997), (477, 26012), (483, 26033), (504, 26078), (506, 26081), (541, 26132),

Gene: Tomaszewski_34 Start: 31455, Stop: 32312, Start Num: 209

Candidate Starts for Tomaszewski_34:

(Start: 209 @31455 has 127 MA's), (229, 31494), (244, 31524), (255, 31545), (274, 31581), (288, 31611), (327, 31686), (352, 31734), (355, 31737), (365, 31761), (367, 31764), (378, 31779), (443, 31950), (494, 32064), (501, 32079), (504, 32085), (582, 32127), (584, 32130), (612, 32184), (646, 32262), (662, 32295),

Gene: Tomathan_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for Tomathan_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: Tomlarah_49 Start: 41700, Stop: 43055, Start Num: 89

Candidate Starts for Tomlarah_49:

(Start: 89 @41700 has 280 MA's), (Start: 105 @41751 has 11 MA's), (119, 41784), (185, 41913), (186, 41916), (194, 41931), (249, 42027), (273, 42066), (287, 42096), (300, 42132), (354, 42243), (365, 42273), (367, 42276), (397, 42342), (457, 42501), (477, 42549), (481, 42567), (504, 42615), (566, 42759), (588, 42819), (628, 42924), (671, 43011),

Gene: Tonenili_274 Start: 149660, Stop: 150688, Start Num: 158

Candidate Starts for Tonenili_274:

(Start: 158 @149660 has 220 MA's), (Start: 203 @149744 has 2 MA's), (243, 149807), (254, 149828), (Start: 297 @149912 has 1 MA's), (331, 149954), (346, 149981), (378, 150050), (389, 150077), (414, 150131), (426, 150161), (427, 150176), (460, 150257), (468, 150278), (520, 150386), (521, 150389), (565, 150479), (570, 150497), (624, 150599), (625, 150602), (630, 150614),

Gene: Toni_48 Start: 41404, Stop: 42759, Start Num: 89

Candidate Starts for Toni_48:

(Start: 89 @41404 has 280 MA's), (Start: 105 @41455 has 11 MA's), (119, 41488), (185, 41617), (186, 41620), (194, 41635), (249, 41731), (273, 41770), (287, 41800), (300, 41836), (354, 41947), (365, 41977), (367, 41980), (397, 42046), (457, 42205), (477, 42253), (481, 42271), (504, 42319), (566, 42463), (588, 42523), (628, 42628), (671, 42715),

Gene: TooFast2Furius_52 Start: 41942, Stop: 43297, Start Num: 89

Candidate Starts for TooFast2Furius_52:

(Start: 89 @41942 has 280 MA's), (Start: 105 @41993 has 11 MA's), (119, 42026), (185, 42155), (186, 42158), (194, 42173), (249, 42269), (273, 42308), (287, 42338), (300, 42374), (354, 42485), (365, 42515), (367, 42518), (397, 42584), (457, 42743), (477, 42791), (481, 42809), (504, 42857), (566, 43001), (588, 43061), (628, 43166), (671, 43253),

Gene: Tooj_49 Start: 41779, Stop: 43134, Start Num: 89

Candidate Starts for Tooj_49:

(Start: 89 @41779 has 280 MA's), (Start: 105 @41830 has 11 MA's), (119, 41863), (185, 41992), (186, 41995), (194, 42010), (249, 42106), (273, 42145), (287, 42175), (300, 42211), (354, 42322), (365, 42352), (367, 42355), (397, 42421), (457, 42580), (477, 42628), (481, 42646), (504, 42694), (566, 42838), (588, 42898), (628, 43003), (651, 43057), (671, 43090),

Gene: TootsiePop_32 Start: 27407, Stop: 28408, Start Num: 164

Candidate Starts for TootsiePop_32:

(79, 27146), (119, 27308), (Start: 164 @27407 has 214 MA's), (Start: 203 @27482 has 2 MA's), (243, 27545), (254, 27566), (Start: 297 @27650 has 1 MA's), (Start: 313 @27674 has 1 MA's), (331, 27689), (339, 27701), (389, 27812), (440, 27926), (446, 27944), (464, 27983), (474, 28007), (487, 28043), (502, 28070), (521, 28109), (570, 28217), (596, 28265), (603, 28277), (630, 28334), (644, 28364),

Gene: Tootsieroll_32 Start: 27571, Stop: 28572, Start Num: 164

Candidate Starts for Tootsieroll_32:

(119, 27472), (Start: 164 @27571 has 214 MA's), (Start: 203 @27646 has 2 MA's), (243, 27709), (246, 27715), (254, 27730), (281, 27778), (Start: 297 @27814 has 1 MA's), (331, 27853), (333, 27856), (339, 27865), (346, 27880), (370, 27937), (389, 27976), (439, 28087), (464, 28147), (468, 28159), (487, 28207), (502, 28234), (521, 28273), (570, 28381), (596, 28429), (630, 28498), (644, 28528),

Gene: Topanga_10 Start: 5820, Stop: 6794, Start Num: 175

Candidate Starts for Topanga_10:

(Start: 175 @5820 has 331 MA's), (Start: 179 @5826 has 14 MA's), (Start: 203 @5874 has 2 MA's), (299, 6027), (389, 6189), (398, 6204), (407, 6225), (439, 6297), (441, 6303), (444, 6312), (474, 6381), (479, 6399), (502, 6444), (513, 6462), (552, 6540), (559, 6567), (565, 6582), (571, 6603), (593, 6642), (620, 6693), (640, 6735), (663, 6786),

Gene: Topgun_10 Start: 5783, Stop: 6718, Start Num: 191

Candidate Starts for Topgun_10:

(Start: 175 @5750 has 331 MA's), (Start: 191 @5783 has 6 MA's), (Start: 202 @5801 has 32 MA's), (Start: 203 @5804 has 2 MA's), (366, 6071), (389, 6122), (396, 6134), (430, 6209), (455, 6272), (461, 6284), (468, 6305), (474, 6317), (479, 6335), (487, 6353), (500, 6377), (521, 6416), (563, 6497), (570, 6521), (571, 6524), (572, 6527), (581, 6536), (624, 6623), (663, 6710),

Gene: Topiatin_34 Start: 28204, Stop: 29205, Start Num: 164

Candidate Starts for Topiatin_34:

(Start: 164 @28204 has 214 MA's), (Start: 175 @28225 has 331 MA's), (182, 28237), (Start: 203 @28279 has 2 MA's), (243, 28342), (254, 28363), (271, 28393), (Start: 297 @28447 has 1 MA's), (Start: 313 @28471 has 1 MA's), (331, 28486), (339, 28498), (389, 28609), (440, 28723), (446, 28741), (464, 28780), (474, 28804), (487, 28840), (502, 28867), (521, 28906), (570, 29014), (596, 29062), (603, 29074), (625, 29119), (630, 29131), (644, 29161),

Gene: Topper_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Topper_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: Toro_13 Start: 7534, Stop: 8301, Start Num: 313

Candidate Starts for Toro_13:

(289, 7486), (Start: 313 @7534 has 1 MA's), (344, 7570), (389, 7675), (430, 7747), (440, 7774), (444, 7786), (452, 7804), (479, 7873), (513, 7936), (546, 7987), (552, 8014), (559, 8041), (571, 8077), (596, 8125), (620, 8167),

Gene: Toron_32 Start: 28021, Stop: 29040, Start Num: 164

Candidate Starts for Toron_32:

(Start: 164 @28021 has 214 MA's), (Start: 179 @28048 has 14 MA's), (Start: 203 @28096 has 2 MA's), (243, 28159), (254, 28180), (Start: 297 @28264 has 1 MA's), (339, 28318), (346, 28333), (362, 28375), (366, 28384), (389, 28429), (430, 28516), (444, 28555), (468, 28612), (479, 28642), (505, 28693), (521, 28723), (581, 28846), (599, 28888), (600, 28891), (612, 28915), (616, 28921), (618, 28927), (619, 28930), (625, 28951),

Gene: Torres_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Torres_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: Tortoise16_250 Start: 144342, Stop: 145370, Start Num: 158

Candidate Starts for Tortoise16_250:

(Start: 158 @144342 has 220 MA's), (Start: 175 @144372 has 331 MA's), (182, 144384), (Start: 203 @144426 has 2 MA's), (243, 144489), (254, 144510), (Start: 297 @144594 has 1 MA's), (331, 144636), (339, 144648), (346, 144663), (378, 144732), (389, 144759), (414, 144813), (427, 144858), (428, 144861), (460, 144939), (468, 144960), (521, 145071), (565, 145161), (570, 145179), (611, 145251), (625, 145284),

Gene: Tote_12 Start: 6491, Stop: 7459, Start Num: 175

Candidate Starts for Tote_12:

(Start: 175 @6491 has 331 MA's), (Start: 191 @6524 has 6 MA's), (Start: 202 @6542 has 32 MA's), (Start: 203 @6545 has 2 MA's), (366, 6812), (389, 6863), (396, 6875), (430, 6950), (455, 7013), (461, 7025), (468, 7046), (479, 7076), (487, 7094), (500, 7118), (521, 7157), (563, 7238), (570, 7262), (571, 7265), (572, 7268), (581, 7277), (624, 7364), (644, 7409), (663, 7451),

Gene: Totinger_32 Start: 27501, Stop: 28502, Start Num: 164

Candidate Starts for Totinger_32:

(Start: 164 @27501 has 214 MA's), (Start: 203 @27576 has 2 MA's), (222, 27609), (243, 27639), (254, 27660), (271, 27690), (278, 27702), (Start: 297 @27744 has 1 MA's), (Start: 313 @27768 has 1 MA's), (331, 27783), (339, 27795), (389, 27906), (440, 28020), (446, 28038), (464, 28077), (474, 28101), (487, 28137), (502, 28164), (521, 28203), (552, 28251), (570, 28311), (603, 28371), (624, 28413), (625, 28416), (630, 28428), (644, 28458),

Gene: Toto_35 Start: 31858, Stop: 32715, Start Num: 209

Candidate Starts for Toto_35:

(Start: 209 @31858 has 127 MA's), (229, 31897), (244, 31927), (255, 31948), (274, 31984), (288, 32014), (327, 32089), (352, 32137), (355, 32140), (365, 32164), (367, 32167), (378, 32182), (443, 32353), (488, 32452), (494, 32467), (501, 32482), (504, 32488), (582, 32530), (584, 32533), (612, 32587), (646, 32665), (662, 32698),

Gene: Tourach_28 Start: 26300, Stop: 27271, Start Num: 112

Candidate Starts for Tourach_28:

(Start: 112 @26300 has 24 MA's), (134, 26354), (192, 26474), (211, 26504), (219, 26519), (255, 26585), (307, 26675), (338, 26729), (365, 26780), (374, 26792), (385, 26819), (402, 26855), (407, 26870), (412, 26885), (437, 26945), (478, 27026), (488, 27044), (489, 27047), (491, 27050), (504, 27077), (597, 27101), (625, 27146), (644, 27188), (664, 27230),

Gene: TpudiCK_39 Start: 31793, Stop: 32764, Start Num: 206

Candidate Starts for TpudiCK_39:

(Start: 206 @31793 has 15 MA's), (220, 31817), (228, 31832), (295, 31970), (309, 31997), (Start: 326 @32015 has 2 MA's), (333, 32027), (339, 32036), (356, 32081), (362, 32093), (378, 32120), (389, 32147), (396, 32159), (416, 32204), (428, 32231), (440, 32261), (443, 32270), (444, 32273), (485, 32360), (495, 32375), (563, 32528), (564, 32531), (592, 32591), (596, 32603), (599, 32612), (621, 32648), (626, 32663), (642, 32702), (653, 32735),

Gene: Traaww1_33 Start: 31496, Stop: 32353, Start Num: 209

Candidate Starts for Traaww1_33:

(Start: 209 @31496 has 127 MA's), (229, 31535), (244, 31565), (255, 31586), (274, 31622), (288, 31652), (327, 31727), (352, 31775), (355, 31778), (365, 31802), (367, 31805), (378, 31820), (443, 31991), (494, 32105), (501, 32120), (504, 32126), (582, 32168), (584, 32171), (612, 32225), (646, 32303), (662, 32336),

Gene: Traft412_12 Start: 6678, Stop: 7646, Start Num: 175

Candidate Starts for Traft412_12:

(Start: 175 @6678 has 331 MA's), (Start: 191 @6711 has 6 MA's), (Start: 202 @6729 has 32 MA's), (Start: 203 @6732 has 2 MA's), (366, 6999), (389, 7050), (396, 7062), (430, 7137), (455, 7200), (461, 7212), (468, 7233), (474, 7245), (479, 7263), (487, 7281), (500, 7305), (521, 7344), (563, 7425), (570, 7449), (571, 7452), (572, 7455), (581, 7464), (624, 7551), (644, 7596), (663, 7638),

Gene: Travvers_14 Start: 6597, Stop: 7361, Start Num: 311

Candidate Starts for Travvers_14:

(Start: 311 @6597 has 12 MA's), (389, 6741), (430, 6828), (440, 6855), (444, 6867), (479, 6954), (552, 7095), (570, 7155), (571, 7158), (592, 7194), (620, 7248), (640, 7296),

Gene: Treddle_11 Start: 6485, Stop: 7453, Start Num: 175

Candidate Starts for Treddle_11:

(Start: 175 @6485 has 331 MA's), (Start: 191 @6518 has 6 MA's), (Start: 202 @6536 has 32 MA's), (366, 6806), (389, 6857), (396, 6869), (430, 6944), (455, 7007), (461, 7019), (468, 7040), (474, 7052), (479, 7070), (487, 7088), (500, 7112), (521, 7151), (563, 7232), (570, 7256), (571, 7259), (572, 7262), (581, 7271), (624, 7358), (633, 7382), (644, 7403), (663, 7445),

Gene: TreyKay_31 Start: 26427, Stop: 27299, Start Num: 227

Candidate Starts for TreyKay_31:

(Start: 209 @26400 has 127 MA's), (Start: 227 @26427 has 136 MA's), (Start: 238 @26439 has 1 MA's), (275, 26508), (288, 26535), (300, 26565), (307, 26574), (327, 26610), (332, 26619), (346, 26652), (352, 26670), (397, 26760), (465, 26895), (478, 26922), (489, 26943), (499, 26967), (539, 27018), (596, 27120), (621, 27156), (630, 27180), (674, 27279), (676, 27288),

Gene: TriFive_28 Start: 26850, Stop: 27893, Start Num: 111

Candidate Starts for TriFive_28:

(Start: 111 @26850 has 20 MA's), (113, 26856), (126, 26883), (134, 26904), (159, 26955), (200, 27036), (259, 27141), (302, 27222), (307, 27228), (360, 27324), (369, 27342), (374, 27348), (377, 27354), (407, 27426), (436, 27483), (466, 27543), (501, 27618), (514, 27639), (590, 27663), (594, 27678), (598, 27690), (630, 27747), (674, 27849), (677, 27870),

Gene: Triad_49 Start: 40583, Stop: 41938, Start Num: 89

Candidate Starts for Triad_49:

(Start: 89 @40583 has 280 MA's), (Start: 105 @40634 has 11 MA's), (119, 40667), (185, 40796), (186, 40799), (194, 40814), (249, 40910), (273, 40949), (287, 40979), (300, 41015), (354, 41126), (365, 41156), (367, 41159), (397, 41225), (457, 41384), (477, 41432), (481, 41450), (504, 41498), (566, 41642), (588, 41702), (628, 41807), (671, 41894),

Gene: TribbleTrouble_30 Start: 26988, Stop: 27776, Start Num: 227

Candidate Starts for TribbleTrouble_30:

(196, 26943), (Start: 227 @26988 has 136 MA's), (255, 27033), (275, 27069), (300, 27126), (307, 27135), (352, 27225), (364, 27249), (433, 27390), (465, 27453), (478, 27495), (488, 27513), (489, 27516), (491, 27522), (499, 27540), (593, 27570), (630, 27639), (659, 27711), (674, 27741),

Gene: Trice_27 Start: 25978, Stop: 26736, Start Num: 226

Candidate Starts for Trice_27:

(167, 25876), (196, 25930), (Start: 209 @25951 has 127 MA's), (Start: 226 @25978 has 29 MA's), (255, 26023), (275, 26059), (302, 26119), (307, 26125), (321, 26155), (346, 26203), (364, 26245), (397, 26311), (410, 26347), (465, 26446), (478, 26473), (489, 26494), (491, 26500), (591, 26539), (594, 26551), (596, 26557), (618, 26581), (625, 26605), (674, 26716), (676, 26725),

Gene: Trike_8 Start: 3772, Stop: 4746, Start Num: 175

Candidate Starts for Trike_8:

(152, 3733), (Start: 175 @3772 has 331 MA's), (Start: 191 @3805 has 6 MA's), (Start: 203 @3826 has 2 MA's), (Start: 315 @3994 has 18 MA's), (339, 4036), (344, 4051), (389, 4156), (430, 4228), (440, 4255), (441, 4258), (444, 4267), (459, 4303), (479, 4354), (552, 4501), (571, 4564), (593, 4603), (618, 4645),

Gene: Trinitium_249 Start: 143083, Stop: 144111, Start Num: 158

Candidate Starts for Trinitium_249:

(Start: 158 @143083 has 220 MA's), (Start: 175 @143113 has 331 MA's), (182, 143125), (Start: 203 @143167 has 2 MA's), (243, 143230), (254, 143251), (Start: 297 @143335 has 1 MA's), (331, 143377), (339, 143389), (346, 143404), (378, 143473), (389, 143500), (414, 143554), (427, 143599), (428, 143602), (460, 143680), (468, 143701), (521, 143812), (565, 143902), (570, 143920), (611, 143992), (625, 144025),

Gene: Tripl3t_11 Start: 6673, Stop: 7641, Start Num: 175

Candidate Starts for Tripl3t_11:

(Start: 175 @6673 has 331 MA's), (Start: 191 @6706 has 6 MA's), (Start: 202 @6724 has 32 MA's), (Start: 203 @6727 has 2 MA's), (366, 6994), (389, 7045), (396, 7057), (430, 7132), (455, 7195), (461, 7207), (468, 7228), (474, 7240), (479, 7258), (487, 7276), (500, 7300), (521, 7339), (563, 7420), (570, 7444), (571, 7447), (572, 7450), (581, 7459), (624, 7546), (633, 7570), (663, 7633),

Gene: Tristan_12 Start: 8203, Stop: 9189, Start Num: 175

Candidate Starts for Tristan_12:

(Start: 175 @8203 has 331 MA's), (190, 8233), (Start: 203 @8257 has 2 MA's), (293, 8392), (389, 8563), (427, 8638), (432, 8647), (479, 8758), (512, 8818), (532, 8854), (550, 8908), (556, 8932), (558, 8938), (572, 8983), (607, 9043), (612, 9052),

Gene: Trixie_14 Start: 8087, Stop: 9064, Start Num: 175

Candidate Starts for Trixie_14:

(149, 8045), (Start: 175 @8087 has 331 MA's), (Start: 203 @8141 has 2 MA's), (362, 8378), (389, 8435), (430, 8519), (444, 8558), (474, 8627), (475, 8630), (479, 8645), (513, 8708), (523, 8729), (540, 8750), (552, 8798), (559, 8825), (565, 8840), (570, 8858), (571, 8861), (620, 8951),

Gene: Trooper_11 Start: 6230, Stop: 7222, Start Num: 175

Candidate Starts for Trooper_11:

(Start: 175 @6230 has 331 MA's), (Start: 191 @6263 has 6 MA's), (Start: 202 @6281 has 32 MA's), (Start: 203 @6284 has 2 MA's), (293, 6419), (309, 6452), (331, 6458), (333, 6461), (344, 6485), (368, 6545), (389, 6590), (430, 6677), (450, 6722), (476, 6761), (497, 6809), (507, 6824), (542, 6890), (543, 6893), (552, 6932), (560, 6968), (580, 7019), (636, 7133), (669, 7208),

Gene: Trouble_10 Start: 6322, Stop: 7290, Start Num: 175

Candidate Starts for Trouble_10:

(Start: 175 @6322 has 331 MA's), (Start: 191 @6355 has 6 MA's), (Start: 202 @6373 has 32 MA's), (Start: 203 @6376 has 2 MA's), (366, 6643), (389, 6694), (396, 6706), (430, 6781), (455, 6844), (468, 6877), (474, 6889), (479, 6907), (487, 6925), (500, 6949), (521, 6988), (563, 7069), (570, 7093), (571, 7096), (572, 7099), (581, 7108), (624, 7195), (663, 7282),

Gene: TroyPia_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for TroyPia_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: True_48 Start: 41410, Stop: 42765, Start Num: 89

Candidate Starts for True_48:

(Start: 89 @41410 has 280 MA's), (Start: 105 @41461 has 11 MA's), (119, 41494), (185, 41623), (186, 41626), (194, 41641), (249, 41737), (273, 41776), (287, 41806), (300, 41842), (354, 41953), (365, 41983), (367, 41986), (397, 42052), (457, 42211), (477, 42259), (481, 42277), (504, 42325), (566, 42469), (588, 42529), (628, 42634), (671, 42721),

Gene: TruffulaTree_31 Start: 26457, Stop: 27329, Start Num: 227

Candidate Starts for TruffulaTree_31:

(85, 26127), (165, 26355), (Start: 209 @26430 has 127 MA's), (Start: 227 @26457 has 136 MA's), (Start: 238 @26469 has 1 MA's), (275, 26538), (288, 26565), (300, 26595), (307, 26604), (327, 26640), (332, 26649), (346, 26682), (352, 26700), (367, 26730), (395, 26787), (397, 26790), (465, 26925), (478, 26952), (489, 26973), (499, 26997), (539, 27048), (596, 27150), (621, 27186), (630, 27210), (674, 27309), (676, 27318),

Gene: Trypo_50 Start: 41841, Stop: 43196, Start Num: 89

Candidate Starts for Trypo_50:

(Start: 89 @41841 has 280 MA's), (Start: 105 @41892 has 11 MA's), (119, 41925), (185, 42054), (186, 42057), (194, 42072), (249, 42168), (273, 42207), (287, 42237), (300, 42273), (354, 42384), (365, 42414), (367, 42417), (397, 42483), (457, 42642), (477, 42690), (481, 42708), (504, 42756), (566, 42900), (588, 42960), (628, 43065), (671, 43152),

Gene: Tuco_36 Start: 32366, Stop: 33223, Start Num: 209

Candidate Starts for Tuco_36:

(Start: 209 @32366 has 127 MA's), (229, 32405), (244, 32435), (255, 32456), (274, 32492), (288, 32522), (327, 32597), (352, 32645), (355, 32648), (365, 32672), (367, 32675), (378, 32690), (443, 32861), (494, 32975), (501, 32990), (504, 32996), (582, 33038), (584, 33041), (612, 33095), (646, 33173), (662, 33206),

Gene: Turbido_13 Start: 6895, Stop: 7887, Start Num: 175

Candidate Starts for Turbido_13:

(Start: 175 @6895 has 331 MA's), (Start: 191 @6928 has 6 MA's), (Start: 202 @6946 has 32 MA's), (Start: 203 @6949 has 2 MA's), (309, 7117), (331, 7123), (344, 7150), (368, 7210), (389, 7255), (430, 7342), (450, 7387), (476, 7426), (497, 7474), (507, 7489), (542, 7555), (552, 7597), (580, 7684), (636, 7798),

Gene: Turj99_9 Start: 5766, Stop: 6734, Start Num: 175

Candidate Starts for Turj99_9:

(Start: 175 @5766 has 331 MA's), (Start: 191 @5799 has 6 MA's), (Start: 202 @5817 has 32 MA's), (Start: 203 @5820 has 2 MA's), (366, 6087), (389, 6138), (396, 6150), (430, 6225), (455, 6288), (461, 6300), (468, 6321), (474, 6333), (479, 6351), (487, 6369), (500, 6393), (521, 6432), (563, 6513), (570, 6537), (571, 6540), (572, 6543), (581, 6552), (624, 6639), (644, 6684), (663, 6726),

Gene: Turret_243 Start: 142216, Stop: 143244, Start Num: 158

Candidate Starts for Turret_243:

(Start: 158 @142216 has 220 MA's), (Start: 175 @142246 has 331 MA's), (182, 142258), (Start: 203 @142300 has 2 MA's), (243, 142363), (254, 142384), (Start: 297 @142468 has 1 MA's), (331, 142510), (339, 142522), (346, 142537), (378, 142606), (389, 142633), (414, 142687), (427, 142732), (428, 142735), (460, 142813), (468, 142834), (521, 142945), (565, 143035), (570, 143053), (611, 143125), (625, 143158),

Gene: Tweety_31 Start: 27740, Stop: 28741, Start Num: 164

Candidate Starts for Tweety_31:

(Start: 164 @27740 has 214 MA's), (Start: 203 @27815 has 2 MA's), (222, 27848), (243, 27878), (254, 27899), (Start: 297 @27983 has 1 MA's), (339, 28034), (346, 28049), (389, 28145), (446, 28277), (464, 28316), (468, 28328), (487, 28376), (502, 28403), (516, 28427), (521, 28442), (570, 28550), (596, 28598), (630, 28667), (644, 28697),

Gene: Twister_10 Start: 5719, Stop: 6693, Start Num: 175

Candidate Starts for Twister_10:

(Start: 175 @5719 has 331 MA's), (Start: 179 @5725 has 14 MA's), (Start: 203 @5773 has 2 MA's), (299, 5926), (389, 6088), (398, 6103), (407, 6124), (439, 6196), (441, 6202), (444, 6211), (474, 6280), (479, 6298), (502, 6343), (513, 6361), (552, 6439), (559, 6466), (565, 6481), (571, 6502), (593, 6541), (620, 6592), (640, 6634), (663, 6685),

Gene: Twitch_31 Start: 26494, Stop: 27366, Start Num: 227

Candidate Starts for Twitch_31:

(85, 26164), (165, 26392), (Start: 209 @26467 has 127 MA's), (Start: 227 @26494 has 136 MA's), (Start: 238 @26506 has 1 MA's), (275, 26575), (288, 26602), (300, 26632), (307, 26641), (327, 26677), (332, 26686), (346, 26719), (352, 26737), (367, 26767), (397, 26827), (465, 26962), (478, 26989), (489, 27010), (499, 27034), (539, 27085), (596, 27187), (621, 27223), (630, 27247), (674, 27346), (676, 27355),

Gene: TwoPeat_11 Start: 6284, Stop: 7252, Start Num: 175

Candidate Starts for TwoPeat_11:

(Start: 175 @6284 has 331 MA's), (Start: 191 @6317 has 6 MA's), (Start: 202 @6335 has 32 MA's), (Start: 203 @6338 has 2 MA's), (366, 6605), (389, 6656), (396, 6668), (430, 6743), (455, 6806), (461, 6818), (468, 6839), (474, 6851), (479, 6869), (487, 6887), (500, 6911), (521, 6950), (563, 7031), (570, 7055), (571, 7058), (572, 7061), (581, 7070), (624, 7157), (644, 7202), (663, 7244),

Gene: TyDawg_38 Start: 31794, Stop: 32765, Start Num: 206

Candidate Starts for TyDawg_38:

(Start: 206 @31794 has 15 MA's), (220, 31818), (228, 31833), (295, 31971), (309, 31998), (Start: 326 @32016 has 2 MA's), (333, 32028), (339, 32037), (356, 32082), (362, 32094), (378, 32121), (389, 32148), (396, 32160), (416, 32205), (428, 32232), (440, 32262), (443, 32271), (444, 32274), (485, 32361), (495, 32376), (563, 32529), (564, 32532), (592, 32592), (596, 32604), (599, 32613), (621, 32649), (626, 32664), (642, 32703), (653, 32736),

Gene: Tydolla_47 Start: 42271, Stop: 43335, Start Num: 151

Candidate Starts for Tydolla_47:

(Start: 151 @42271 has 50 MA's), (184, 42334), (236, 42415), (271, 42481), (279, 42496), (288, 42508), (298, 42535), (343, 42592), (346, 42601), (413, 42748), (419, 42763), (439, 42817), (452, 42850), (467, 42889), (475, 42901), (518, 42982), (533, 43000), (535, 43003), (552, 43048), (596, 43159), (649, 43270), (658, 43291), (673, 43324),

Gene: TygerBlood_10 Start: 5883, Stop: 6863, Start Num: 177

Candidate Starts for TygerBlood_10:

(Start: 177 @5883 has 116 MA's), (Start: 179 @5886 has 14 MA's), (190, 5910), (Start: 202 @5931 has 32 MA's), (Start: 203 @5934 has 2 MA's), (362, 6183), (389, 6240), (420, 6303), (432, 6324), (439, 6345), (450, 6372), (469, 6402), (479, 6429), (550, 6579), (594, 6690), (598, 6702), (607, 6714), (639, 6780),

Gene: Tyke_249 Start: 146465, Stop: 147493, Start Num: 158

Candidate Starts for Tyke_249:

(Start: 158 @146465 has 220 MA's), (Start: 175 @146495 has 331 MA's), (182, 146507), (Start: 203 @146549 has 2 MA's), (243, 146612), (254, 146633), (Start: 297 @146717 has 1 MA's), (331,

146759), (339, 146771), (346, 146786), (378, 146855), (389, 146882), (414, 146936), (427, 146981), (428, 146984), (460, 147062), (468, 147083), (521, 147194), (565, 147284), (570, 147302), (611, 147374), (625, 147407),

Gene: Typha_32 Start: 29089, Stop: 30312, Start Num: 96

Candidate Starts for Typha_32:

(Start: 96 @29089 has 92 MA's), (128, 29185), (141, 29209), (153, 29236), (168, 29269), (184, 29299), (249, 29404), (273, 29443), (278, 29452), (288, 29476), (300, 29509), (327, 29557), (334, 29569), (361, 29641), (387, 29698), (421, 29785), (461, 29872), (465, 29884), (477, 29911), (481, 29929), (483, 29932), (488, 29941), (541, 30031), (614, 30136), (649, 30223), (651, 30232),

Gene: TyrionL_48 Start: 41266, Stop: 42621, Start Num: 89

Candidate Starts for TyrionL_48:

(Start: 89 @41266 has 280 MA's), (Start: 105 @41317 has 11 MA's), (119, 41350), (185, 41479), (186, 41482), (194, 41497), (249, 41593), (273, 41632), (287, 41662), (300, 41698), (354, 41809), (365, 41839), (367, 41842), (397, 41908), (457, 42067), (477, 42115), (481, 42133), (504, 42181), (566, 42325), (588, 42385), (628, 42490), (671, 42577),

Gene: Tyson_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for Tyson_26:

(Start: 169 @25547 has 29 MA's), (263, 25700), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (322, 25823), (333, 25838), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: U2_9 Start: 5609, Stop: 6577, Start Num: 175

Candidate Starts for U2_9:

(Start: 175 @5609 has 331 MA's), (Start: 191 @5642 has 6 MA's), (Start: 202 @5660 has 32 MA's), (Start: 203 @5663 has 2 MA's), (366, 5930), (389, 5981), (396, 5993), (430, 6068), (455, 6131), (461, 6143), (468, 6164), (474, 6176), (479, 6194), (487, 6212), (500, 6236), (521, 6275), (563, 6356), (570, 6380), (571, 6383), (572, 6386), (581, 6395), (618, 6461), (624, 6482), (663, 6569),

Gene: UAch1_49 Start: 41734, Stop: 43089, Start Num: 89

Candidate Starts for UAch1_49:

(Start: 89 @41734 has 280 MA's), (Start: 105 @41785 has 11 MA's), (119, 41818), (185, 41947), (186, 41950), (194, 41965), (249, 42061), (273, 42100), (287, 42130), (300, 42166), (354, 42277), (365, 42307), (367, 42310), (397, 42376), (457, 42535), (477, 42583), (481, 42601), (504, 42649), (566, 42793), (588, 42853), (628, 42958), (671, 43045),

Gene: UPIE_26 Start: 25545, Stop: 26576, Start Num: 169

Candidate Starts for UPIE_26:

(Start: 169 @25545 has 29 MA's), (265, 25701), (277, 25725), (284, 25737), (293, 25755), (Start: 297 @25773 has 1 MA's), (304, 25791), (309, 25797), (316, 25806), (322, 25821), (333, 25836), (352, 25884), (362, 25908), (389, 25965), (408, 26004), (441, 26082), (444, 26091), (445, 26094), (452, 26109), (472, 26163), (479, 26184), (485, 26199), (537, 26283), (548, 26313), (571, 26382), (581, 26394), (593, 26418), (599, 26436), (602, 26439), (611, 26451), (613, 26454), (625, 26484), (630, 26496),

Gene: Ubuntu_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Ubuntu_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Ukulele_35 Start: 31616, Stop: 32473, Start Num: 209

Candidate Starts for Ukulele_35:

(Start: 209 @31616 has 127 MA's), (229, 31655), (244, 31685), (255, 31706), (274, 31742), (288, 31772), (327, 31847), (352, 31895), (355, 31898), (365, 31922), (367, 31925), (378, 31940), (443, 32111), (494, 32225), (501, 32240), (504, 32246), (582, 32288), (584, 32291), (612, 32345), (646, 32423), (662, 32456),

Gene: Ulysses_9 Start: 5600, Stop: 6580, Start Num: 177

Candidate Starts for Ulysses_9:

(Start: 177 @5600 has 116 MA's), (190, 5627), (Start: 203 @5651 has 2 MA's), (307, 5816), (362, 5900), (389, 5957), (396, 5969), (420, 6020), (432, 6041), (439, 6062), (450, 6089), (468, 6116), (479, 6146), (550, 6296), (598, 6419), (607, 6431), (639, 6497),

Gene: UncleHowie_49 Start: 41409, Stop: 42764, Start Num: 89

Candidate Starts for UncleHowie_49:

(Start: 89 @41409 has 280 MA's), (Start: 105 @41460 has 11 MA's), (119, 41493), (185, 41622), (186, 41625), (194, 41640), (249, 41736), (273, 41775), (287, 41805), (300, 41841), (354, 41952), (365, 41982), (367, 41985), (397, 42051), (457, 42210), (477, 42258), (481, 42276), (504, 42324), (566, 42468), (588, 42528), (628, 42633), (671, 42720),

Gene: UncleRicky_34 Start: 28832, Stop: 29833, Start Num: 164

Candidate Starts for UncleRicky_34:

(79, 28580), (119, 28733), (Start: 164 @28832 has 214 MA's), (Start: 175 @28853 has 331 MA's), (182, 28865), (Start: 203 @28907 has 2 MA's), (243, 28970), (254, 28991), (271, 29021), (Start: 297 @29075 has 1 MA's), (Start: 313 @29099 has 1 MA's), (339, 29126), (389, 29237), (440, 29351), (446, 29369), (464, 29408), (474, 29432), (487, 29468), (502, 29495), (521, 29534), (552, 29582), (570, 29642), (603, 29702), (630, 29759), (644, 29789),

Gene: Underpass_28 Start: 26305, Stop: 27276, Start Num: 112

Candidate Starts for Underpass_28:

(Start: 112 @26305 has 24 MA's), (134, 26359), (192, 26479), (211, 26509), (219, 26524), (Start: 238 @26557 has 1 MA's), (240, 26560), (244, 26569), (255, 26590), (288, 26653), (307, 26680), (319, 26704), (338, 26734), (365, 26785), (374, 26797), (402, 26860), (407, 26875), (431, 26935), (437, 26950), (478, 27031), (488, 27049), (489, 27052), (491, 27055), (597, 27106), (625, 27151), (644, 27193), (664, 27235),

Gene: Unicorn_31 Start: 25890, Stop: 26633, Start Num: 226

Candidate Starts for Unicorn_31:

(Start: 209 @25863 has 127 MA's), (Start: 226 @25890 has 29 MA's), (251, 25932), (255, 25938), (275, 25974), (300, 26022), (307, 26031), (327, 26067), (346, 26109), (397, 26217), (465, 26352), (476, 26367), (478, 26379), (489, 26400), (511, 26418), (559, 26424), (625, 26502), (657, 26583), (671, 26604), (674, 26613),

Gene: Updawg_13 Start: 6926, Stop: 7903, Start Num: 175

Candidate Starts for Updawg_13:

(Start: 175 @6926 has 331 MA's), (Start: 203 @6980 has 2 MA's), (250, 7037), (344, 7169), (362, 7217), (389, 7274), (407, 7310), (430, 7358), (444, 7397), (475, 7469), (479, 7484), (502, 7529), (513, 7547), (540, 7589), (552, 7637), (559, 7664), (565, 7679), (570, 7697), (571, 7700), (620, 7790),

Gene: Urkel_31 Start: 26382, Stop: 27254, Start Num: 227

Candidate Starts for Urkel_31:

(165, 26280), (Start: 209 @26355 has 127 MA's), (Start: 227 @26382 has 136 MA's), (Start: 238 @26394 has 1 MA's), (275, 26463), (288, 26490), (300, 26520), (307, 26529), (327, 26565), (332, 26574), (346, 26607), (352, 26625), (397, 26715), (465, 26850), (478, 26877), (489, 26898), (499, 26922), (539, 26973), (596, 27075), (621, 27111), (630, 27135), (674, 27234), (676, 27243),

Gene: Usavi_49 Start: 41708, Stop: 43063, Start Num: 89

Candidate Starts for Usavi_49:

(Start: 89 @41708 has 280 MA's), (Start: 105 @41759 has 11 MA's), (119, 41792), (185, 41921), (186, 41924), (194, 41939), (249, 42035), (273, 42074), (287, 42104), (300, 42140), (354, 42251), (365, 42281), (367, 42284), (397, 42350), (457, 42509), (477, 42557), (481, 42575), (504, 42623), (566, 42767), (588, 42827), (628, 42932), (671, 43019),

Gene: VA6_11 Start: 6428, Stop: 7405, Start Num: 175

Candidate Starts for VA6_11:

(54, 5960), (Start: 175 @6428 has 331 MA's), (Start: 203 @6482 has 2 MA's), (344, 6671), (356, 6707), (362, 6719), (389, 6776), (407, 6812), (430, 6860), (444, 6899), (464, 6947), (472, 6965), (475, 6971), (479, 6986), (513, 7049), (540, 7091), (552, 7139), (559, 7166), (565, 7181), (570, 7199), (571, 7202), (593, 7241), (620, 7292),

Gene: VC3_14 Start: 6596, Stop: 7345, Start Num: 323

Candidate Starts for VC3_14:

(Start: 323 @6596 has 4 MA's), (328, 6602), (391, 6743), (430, 6830), (439, 6854), (441, 6860), (452, 6887), (474, 6938), (479, 6956), (552, 7100), (571, 7163), (596, 7211), (597, 7214), (618, 7244), (620, 7253),

Gene: VRedHorse_31 Start: 27690, Stop: 28691, Start Num: 158

Candidate Starts for VRedHorse_31:

(Start: 158 @27690 has 220 MA's), (Start: 203 @27765 has 2 MA's), (222, 27798), (243, 27828), (254, 27849), (Start: 297 @27933 has 1 MA's), (339, 27984), (389, 28095), (439, 28206), (446, 28227), (464, 28266), (468, 28278), (487, 28326), (502, 28353), (516, 28377), (521, 28392), (570, 28500), (603, 28560), (630, 28617), (644, 28647),

Gene: Vagabond_67 Start: 43249, Stop: 44289, Start Num: 160

Candidate Starts for Vagabond_67:

(Start: 160 @43249 has 30 MA's), (Start: 203 @43324 has 2 MA's), (243, 43405), (246, 43411), (254, 43426), (295, 43507), (Start: 297 @43510 has 1 MA's), (339, 43564), (346, 43579), (389, 43675), (408, 43714), (416, 43744), (427, 43774), (428, 43777), (441, 43810), (468, 43876), (487, 43924), (502, 43951), (521, 43990), (608, 44164), (630, 44215),

Gene: Vaishali24_48 Start: 41380, Stop: 42735, Start Num: 89

Candidate Starts for Vaishali24_48:

(Start: 89 @41380 has 280 MA's), (Start: 105 @41431 has 11 MA's), (119, 41464), (185, 41593), (186, 41596), (194, 41611), (249, 41707), (273, 41746), (287, 41776), (300, 41812), (354, 41923), (365, 41953), (367, 41956), (397, 42022), (457, 42181), (477, 42229), (481, 42247), (504, 42295), (566, 42439), (588, 42499), (628, 42604), (671, 42691),

Gene: Validus_31 Start: 25785, Stop: 26546, Start Num: 227

Candidate Starts for Validus_31:

(Start: 227 @25785 has 136 MA's), (255, 25830), (275, 25866), (307, 25932), (321, 25962), (327, 25968), (332, 25977), (346, 26010), (364, 26052), (390, 26103), (397, 26118), (465, 26253), (478, 26280), (489, 26301), (491, 26307), (499, 26325), (594, 26358), (596, 26364), (625, 26412), (651, 26481), (674, 26526), (676, 26535),

Gene: Valjean_49 Start: 41705, Stop: 43060, Start Num: 89

Candidate Starts for Valjean_49:

(Start: 89 @41705 has 280 MA's), (Start: 105 @41756 has 11 MA's), (119, 41789), (185, 41918), (186, 41921), (194, 41936), (249, 42032), (273, 42071), (287, 42101), (300, 42137), (354, 42248), (365, 42278), (367, 42281), (397, 42347), (457, 42506), (477, 42554), (481, 42572), (504, 42620), (566, 42764), (588, 42824), (628, 42929), (671, 43016),

Gene: ValleyTerrace_253 Start: 143793, Stop: 144821, Start Num: 158

Candidate Starts for ValleyTerrace_253:

(Start: 158 @143793 has 220 MA's), (Start: 175 @143823 has 331 MA's), (182, 143835), (Start: 203 @143877 has 2 MA's), (243, 143940), (254, 143961), (Start: 297 @144045 has 1 MA's), (331, 144087), (339, 144099), (346, 144114), (378, 144183), (389, 144210), (414, 144264), (427, 144309), (428, 144312), (460, 144390), (468, 144411), (521, 144522), (565, 144612), (570, 144630), (611, 144702), (625, 144735),

Gene: Vaticameos_45 Start: 39391, Stop: 40746, Start Num: 89

Candidate Starts for Vaticameos_45:

(Start: 89 @39391 has 280 MA's), (Start: 105 @39442 has 11 MA's), (119, 39475), (185, 39604), (186, 39607), (194, 39622), (249, 39718), (273, 39757), (287, 39787), (300, 39823), (354, 39934), (365, 39964), (367, 39967), (397, 40033), (457, 40192), (477, 40240), (481, 40258), (504, 40306), (566, 40450), (588, 40510), (628, 40615), (671, 40702),

Gene: Veliki_31 Start: 26497, Stop: 27369, Start Num: 227

Candidate Starts for Veliki_31:

(Start: 209 @26470 has 127 MA's), (Start: 227 @26497 has 136 MA's), (Start: 238 @26509 has 1 MA's), (275, 26578), (288, 26605), (300, 26635), (307, 26644), (327, 26680), (332, 26689), (346, 26722), (352, 26740), (367, 26770), (395, 26827), (397, 26830), (465, 26965), (478, 26992), (489, 27013), (499, 27037), (539, 27088), (596, 27190), (621, 27226), (630, 27250), (674, 27349), (676, 27358),

Gene: Velveteen_27 Start: 23733, Stop: 24731, Start Num: 158

Candidate Starts for Velveteen_27:

(Start: 158 @23733 has 220 MA's), (Start: 203 @23808 has 2 MA's), (243, 23868), (254, 23889), (Start: 297 @23973 has 1 MA's), (339, 24024), (346, 24039), (389, 24135), (430, 24222), (439, 24246), (446, 24267), (464, 24306), (468, 24318), (487, 24366), (502, 24393), (516, 24417), (521, 24432), (570, 24540), (596, 24588), (630, 24657), (644, 24687),

Gene: Venti_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for Venti_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Veracruz_10 Start: 6052, Stop: 7017, Start Num: 166

Candidate Starts for Veracruz_10:

(Start: 166 @6052 has 96 MA's), (Start: 191 @6097 has 6 MA's), (Start: 203 @6118 has 2 MA's), (280, 6238), (293, 6253), (Start: 326 @6292 has 2 MA's), (362, 6376), (389, 6433), (398, 6448), (439, 6529), (444, 6544), (452, 6562), (474, 6613), (479, 6631), (502, 6676), (552, 6772), (571, 6835), (593, 6874), (620, 6925),

Gene: Veritas_48 Start: 41287, Stop: 42642, Start Num: 89

Candidate Starts for Veritas_48:

(Start: 89 @41287 has 280 MA's), (Start: 105 @41338 has 11 MA's), (119, 41371), (185, 41500), (186, 41503), (194, 41518), (249, 41614), (273, 41653), (287, 41683), (300, 41719), (354, 41830), (365, 41860), (367, 41863), (397, 41929), (457, 42088), (477, 42136), (481, 42154), (504, 42202), (566, 42346), (588, 42406), (628, 42511), (671, 42598),

Gene: Veteran_31 Start: 27537, Stop: 28538, Start Num: 164

Candidate Starts for Veteran_31:

(35, 26916), (41, 26994), (45, 27057), (53, 27096), (70, 27249), (79, 27285), (Start: 164 @27537 has 214 MA's), (Start: 175 @27558 has 331 MA's), (182, 27570), (Start: 203 @27612 has 2 MA's), (243, 27675), (254, 27696), (271, 27726), (Start: 297 @27780 has 1 MA's), (Start: 313 @27804 has 1 MA's), (339, 27831), (389, 27942), (440, 28056), (446, 28074), (464, 28113), (474, 28137), (487, 28173), (502, 28200), (521, 28239), (552, 28287), (570, 28347), (603, 28407), (630, 28464), (644, 28494),

Gene: Vetrix_28 Start: 26309, Stop: 27280, Start Num: 112

Candidate Starts for Vetrix_28:

(Start: 112 @26309 has 24 MA's), (134, 26363), (192, 26483), (211, 26513), (Start: 238 @26561 has 1 MA's), (240, 26564), (244, 26573), (255, 26594), (288, 26657), (307, 26684), (319, 26708), (338, 26738), (365, 26789), (374, 26801), (402, 26864), (407, 26879), (431, 26939), (437, 26954), (478, 27035), (489, 27056), (491, 27059), (597, 27110), (625, 27155), (644, 27197), (664, 27239),

Gene: Vidya_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for Vidya_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Violac_32 Start: 28225, Stop: 29226, Start Num: 164

Candidate Starts for Violac_32:

(Start: 164 @28225 has 214 MA's), (Start: 203 @28300 has 2 MA's), (222, 28333), (243, 28363), (254, 28384), (Start: 297 @28468 has 1 MA's), (Start: 313 @28492 has 1 MA's), (331, 28507), (339, 28519), (389, 28630), (440, 28744), (446, 28762), (464, 28801), (474, 28825), (487, 28861), (502, 28888), (516, 28912), (521, 28927), (570, 29035), (596, 29083), (630, 29152), (644, 29182),

Gene: Violet_9 Start: 5558, Stop: 6526, Start Num: 175

Candidate Starts for Violet_9:

(Start: 175 @5558 has 331 MA's), (Start: 191 @5591 has 6 MA's), (Start: 202 @5609 has 32 MA's), (Start: 203 @5612 has 2 MA's), (366, 5879), (389, 5930), (396, 5942), (430, 6017), (455, 6080), (461, 6092), (468, 6113), (474, 6125), (479, 6143), (487, 6161), (500, 6185), (521, 6224), (563, 6305), (570, 6329), (571, 6332), (572, 6335), (581, 6344), (624, 6431), (663, 6518),

Gene: Virapocalypse_49 Start: 41700, Stop: 43055, Start Num: 89

Candidate Starts for Virapocalypse_49:

(Start: 89 @41700 has 280 MA's), (Start: 105 @41751 has 11 MA's), (119, 41784), (185, 41913), (186, 41916), (194, 41931), (249, 42027), (273, 42066), (287, 42096), (300, 42132), (354, 42243), (365, 42273), (367, 42276), (397, 42342), (457, 42501), (477, 42549), (481, 42567), (504, 42615), (566,

42759), (588, 42819), (628, 42924), (671, 43011),

Gene: Virgeve_48 Start: 41477, Stop: 42832, Start Num: 89

Candidate Starts for Virgeve_48:

(Start: 89 @41477 has 280 MA's), (Start: 105 @41528 has 11 MA's), (119, 41561), (185, 41690), (186, 41693), (194, 41708), (249, 41804), (273, 41843), (287, 41873), (300, 41909), (354, 42020), (365, 42050), (367, 42053), (397, 42119), (457, 42278), (477, 42326), (481, 42344), (504, 42392), (566, 42536), (588, 42596), (628, 42701), (671, 42788),

Gene: Vista_49 Start: 41710, Stop: 43065, Start Num: 89

Candidate Starts for Vista_49:

(Start: 89 @41710 has 280 MA's), (Start: 105 @41761 has 11 MA's), (119, 41794), (185, 41923), (186, 41926), (194, 41941), (249, 42037), (273, 42076), (287, 42106), (300, 42142), (354, 42253), (365, 42283), (367, 42286), (397, 42352), (457, 42511), (477, 42559), (481, 42577), (504, 42625), (566, 42769), (588, 42829), (628, 42934), (671, 43021),

Gene: Vivaldi_50 Start: 42145, Stop: 43500, Start Num: 89

Candidate Starts for Vivaldi_50:

(Start: 89 @42145 has 280 MA's), (Start: 105 @42196 has 11 MA's), (119, 42229), (185, 42358), (186, 42361), (194, 42376), (249, 42472), (273, 42511), (287, 42541), (300, 42577), (354, 42688), (365, 42718), (367, 42721), (397, 42787), (457, 42946), (477, 42994), (481, 43012), (504, 43060), (566, 43204), (588, 43264), (628, 43369), (671, 43456),

Gene: ViviJ_29 Start: 26988, Stop: 27749, Start Num: 226

Candidate Starts for ViviJ_29:

(196, 26940), (Start: 226 @26988 has 29 MA's), (Start: 238 @27000 has 1 MA's), (240, 27003), (242, 27006), (255, 27033), (275, 27069), (302, 27129), (307, 27135), (321, 27165), (327, 27171), (332, 27180), (346, 27213), (364, 27255), (365, 27258), (374, 27270), (390, 27306), (397, 27321), (410, 27357), (465, 27456), (478, 27483), (489, 27504), (596, 27567), (618, 27591), (625, 27615), (651, 27684), (674, 27729), (676, 27738),

Gene: Vivum_31 Start: 27521, Stop: 28522, Start Num: 164

Candidate Starts for Vivum_31:

(Start: 164 @27521 has 214 MA's), (Start: 203 @27596 has 2 MA's), (243, 27659), (254, 27680), (Start: 297 @27764 has 1 MA's), (339, 27815), (346, 27830), (389, 27926), (439, 28037), (446, 28058), (464, 28097), (468, 28109), (487, 28157), (502, 28184), (516, 28208), (521, 28223), (570, 28331), (596, 28379), (630, 28448), (644, 28478),

Gene: Vix_12 Start: 6044, Stop: 7009, Start Num: 166

Candidate Starts for Vix_12:

(Start: 166 @6044 has 96 MA's), (Start: 191 @6089 has 6 MA's), (Start: 203 @6110 has 2 MA's), (280, 6230), (362, 6368), (389, 6425), (398, 6440), (439, 6521), (444, 6536), (452, 6554), (474, 6605), (479, 6623), (502, 6668), (552, 6764), (571, 6827), (593, 6866), (620, 6917),

Gene: Vorrrps_67 Start: 43461, Stop: 44501, Start Num: 160

Candidate Starts for Vorrrps_67:

(Start: 160 @43461 has 30 MA's), (Start: 203 @43536 has 2 MA's), (243, 43617), (246, 43623), (254, 43638), (295, 43719), (Start: 297 @43722 has 1 MA's), (339, 43776), (346, 43791), (389, 43887), (408, 43926), (416, 43956), (427, 43986), (428, 43989), (441, 44022), (468, 44088), (482, 44127), (487, 44136), (502, 44163), (521, 44202), (608, 44376), (630, 44427),

Gene: Vortex_49 Start: 41407, Stop: 42762, Start Num: 89

Candidate Starts for Vortex_49:

(Start: 89 @41407 has 280 MA's), (Start: 105 @41458 has 11 MA's), (119, 41491), (185, 41620), (186, 41623), (194, 41638), (249, 41734), (273, 41773), (287, 41803), (300, 41839), (354, 41950), (365, 41980), (367, 41983), (397, 42049), (457, 42208), (477, 42256), (481, 42274), (504, 42322), (566, 42466), (588, 42526), (628, 42631), (671, 42718),

Gene: Vortrix_270 Start: 148447, Stop: 149481, Start Num: 158

Candidate Starts for Vortrix_270:

(Start: 158 @148447 has 220 MA's), (Start: 203 @148531 has 2 MA's), (243, 148594), (254, 148615), (Start: 297 @148699 has 1 MA's), (331, 148741), (346, 148768), (378, 148837), (389, 148864), (414, 148918), (426, 148948), (427, 148963), (430, 148969), (460, 149044), (468, 149065), (521, 149176), (565, 149266), (570, 149284), (624, 149386), (625, 149389), (630, 149401), (655, 149458), (665, 149476),

Gene: Wachhund_31 Start: 27697, Stop: 28698, Start Num: 164

Candidate Starts for Wachhund_31:

(Start: 164 @27697 has 214 MA's), (Start: 175 @27718 has 331 MA's), (182, 27730), (Start: 203 @27772 has 2 MA's), (254, 27856), (271, 27886), (Start: 297 @27940 has 1 MA's), (Start: 313 @27964 has 1 MA's), (331, 27979), (339, 27991), (389, 28102), (439, 28213), (446, 28234), (464, 28273), (468, 28285), (487, 28333), (502, 28360), (516, 28384), (521, 28399), (570, 28507), (596, 28555), (630, 28624), (644, 28654),

Gene: Wallhey_48 Start: 41270, Stop: 42625, Start Num: 89

Candidate Starts for Wallhey_48:

(Start: 89 @41270 has 280 MA's), (Start: 105 @41321 has 11 MA's), (119, 41354), (185, 41483), (186, 41486), (194, 41501), (249, 41597), (273, 41636), (287, 41666), (300, 41702), (354, 41813), (365, 41843), (367, 41846), (397, 41912), (457, 42071), (477, 42119), (481, 42137), (504, 42185), (566, 42329), (588, 42389), (628, 42494), (671, 42581),

Gene: Wally_250 Start: 143777, Stop: 144805, Start Num: 158

Candidate Starts for Wally_250:

(Start: 158 @143777 has 220 MA's), (Start: 175 @143807 has 331 MA's), (182, 143819), (Start: 203 @143861 has 2 MA's), (243, 143924), (254, 143945), (Start: 297 @144029 has 1 MA's), (331, 144071), (339, 144083), (346, 144098), (378, 144167), (389, 144194), (414, 144248), (427, 144293), (428, 144296), (460, 144374), (468, 144395), (521, 144506), (565, 144596), (570, 144614), (611, 144686), (625, 144719),

Gene: WalterMcMickey_10 Start: 5719, Stop: 6693, Start Num: 175

Candidate Starts for WalterMcMickey_10:

(Start: 175 @5719 has 331 MA's), (Start: 179 @5725 has 14 MA's), (Start: 203 @5773 has 2 MA's), (299, 5926), (389, 6088), (398, 6103), (407, 6124), (439, 6196), (441, 6202), (444, 6211), (474, 6280), (479, 6298), (502, 6343), (513, 6361), (552, 6439), (559, 6466), (565, 6481), (571, 6502), (593, 6541), (620, 6592), (640, 6634), (663, 6685),

Gene: Wamburgxpress_26 Start: 25560, Stop: 26591, Start Num: 169

Candidate Starts for Wamburgxpress_26:

(Start: 169 @25560 has 29 MA's), (263, 25713), (265, 25716), (277, 25740), (284, 25752), (293, 25770), (Start: 297 @25788 has 1 MA's), (304, 25806), (309, 25812), (316, 25821), (322, 25836), (333, 25851), (362, 25923), (389, 25980), (408, 26019), (441, 26097), (444, 26106), (445, 26109), (452, 26124), (472, 26178), (479, 26199), (485, 26214), (537, 26298), (548, 26328), (571, 26397), (581, 26409), (593, 26433), (599, 26451), (602, 26454), (611, 26466), (613, 26469), (625, 26499), (630, 26511),

Gene: Wanda_55 Start: 42450, Stop: 43322, Start Num: 202

Candidate Starts for Wanda_55:

(Start: 202 @42450 has 32 MA's), (Start: 218 @42477 has 1 MA's), (251, 42537), (278, 42585), (308, 42651), (327, 42672), (342, 42693), (364, 42747), (400, 42828), (522, 43107), (524, 43110), (545, 43134), (579, 43170), (590, 43185), (593, 43197), (601, 43218),

Gene: Wander_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for Wander_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (594, 6688), (598, 6700), (607, 6712), (639, 6778),

Gene: Waterdiva_49 Start: 41702, Stop: 43057, Start Num: 89

Candidate Starts for Waterdiva_49:

(Start: 89 @41702 has 280 MA's), (Start: 105 @41753 has 11 MA's), (119, 41786), (185, 41915), (186, 41918), (194, 41933), (249, 42029), (273, 42068), (287, 42098), (300, 42134), (354, 42245), (365, 42275), (367, 42278), (397, 42344), (457, 42503), (477, 42551), (481, 42569), (504, 42617), (566, 42761), (588, 42821), (628, 42926), (671, 43013),

Gene: Waterfoul_30 Start: 27070, Stop: 27942, Start Num: 227

Candidate Starts for Waterfoul_30:

(165, 26968), (196, 27022), (Start: 227 @27070 has 136 MA's), (Start: 238 @27082 has 1 MA's), (240, 27085), (242, 27088), (255, 27115), (272, 27145), (275, 27151), (300, 27205), (307, 27214), (314, 27226), (321, 27244), (332, 27259), (346, 27292), (352, 27310), (367, 27340), (401, 27409), (478, 27562), (488, 27580), (489, 27583), (524, 27643), (539, 27661), (559, 27688), (596, 27760), (612, 27775), (621, 27796), (622, 27799), (630, 27820), (671, 27913), (674, 27922), (676, 27931),

Gene: Watermelon_12 Start: 6873, Stop: 7841, Start Num: 175

Candidate Starts for Watermelon_12:

(Start: 175 @6873 has 331 MA's), (Start: 191 @6906 has 6 MA's), (Start: 202 @6924 has 32 MA's), (Start: 203 @6927 has 2 MA's), (366, 7194), (389, 7245), (396, 7257), (430, 7332), (455, 7395), (468, 7428), (474, 7440), (479, 7458), (487, 7476), (521, 7539), (563, 7620), (570, 7644), (571, 7647), (572, 7650), (581, 7659), (624, 7746), (644, 7791), (663, 7833),

Gene: Watson_12 Start: 5954, Stop: 6919, Start Num: 166

Candidate Starts for Watson_12:

(Start: 166 @5954 has 96 MA's), (Start: 191 @5999 has 6 MA's), (Start: 203 @6020 has 2 MA's), (280, 6140), (362, 6278), (389, 6335), (398, 6350), (439, 6431), (444, 6446), (452, 6464), (474, 6515), (479, 6533), (502, 6578), (552, 6674), (571, 6737), (593, 6776), (620, 6827),

Gene: Webster2_33 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Webster2_33:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Wee_32 Start: 28223, Stop: 29221, Start Num: 158

Candidate Starts for Wee_32:

(Start: 158 @28223 has 220 MA's), (Start: 203 @28298 has 2 MA's), (243, 28358), (254, 28379), (Start: 297 @28463 has 1 MA's), (339, 28514), (346, 28529), (389, 28625), (439, 28736), (446, 28757), (464, 28796), (468, 28808), (487, 28856), (502, 28883), (516, 28907), (521, 28922), (570, 29030),

(596, 29078), (630, 29147), (644, 29177),

Gene: Weher20_49 Start: 41701, Stop: 43056, Start Num: 89

Candidate Starts for Weher20_49:

(Start: 89 @41701 has 280 MA's), (Start: 105 @41752 has 11 MA's), (119, 41785), (186, 41917), (194, 41932), (249, 42028), (273, 42067), (287, 42097), (300, 42133), (354, 42244), (365, 42274), (367, 42277), (397, 42343), (457, 42502), (477, 42550), (481, 42568), (504, 42616), (566, 42760), (588, 42820), (628, 42925), (651, 42979), (671, 43012),

Gene: WeiHuaDA_17 Start: 8697, Stop: 9674, Start Num: 175

Candidate Starts for WeiHuaDA_17:

(149, 8655), (Start: 175 @8697 has 331 MA's), (Start: 203 @8751 has 2 MA's), (362, 8988), (389, 9045), (430, 9129), (444, 9168), (474, 9237), (479, 9255), (513, 9318), (540, 9360), (552, 9408), (559, 9435), (565, 9450), (570, 9468), (571, 9471), (620, 9561), (658, 9660),

Gene: Weirido19_29 Start: 26675, Stop: 27889, Start Num: 96

Candidate Starts for Weirido19_29:

(60, 26498), (61, 26516), (67, 26561), (Start: 96 @26675 has 92 MA's), (163, 26831), (194, 26888), (208, 26909), (215, 26921), (235, 26954), (249, 26978), (264, 26999), (278, 27026), (300, 27083), (310, 27104), (327, 27131), (375, 27245), (397, 27296), (432, 27386), (461, 27443), (470, 27467), (477, 27482), (483, 27503), (509, 27557), (517, 27569), (534, 27593), (541, 27602), (584, 27650), (590, 27659), (614, 27710), (677, 27872),

Gene: Weiss13_39 Start: 35042, Stop: 36091, Start Num: 158

Candidate Starts for Weiss13_39:

(Start: 158 @35042 has 220 MA's), (201, 35126), (Start: 206 @35135 has 15 MA's), (222, 35159), (243, 35189), (254, 35210), (274, 35246), (288, 35267), (293, 35276), (Start: 297 @35294 has 1 MA's), (346, 35363), (384, 35453), (404, 35495), (410, 35516), (446, 35615), (458, 35642), (492, 35714), (529, 35768), (593, 35921), (606, 35945), (611, 35954), (628, 35996), (630, 35999), (632, 36005), (641, 36014), (653, 36050), (658, 36059), (663, 36068),

Gene: Wendigo_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Wendigo_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Whabigail7_13 Start: 6883, Stop: 7875, Start Num: 175

Candidate Starts for Whabigail7_13:

(Start: 175 @6883 has 331 MA's), (Start: 202 @6934 has 32 MA's), (Start: 203 @6937 has 2 MA's), (309, 7105), (331, 7111), (344, 7138), (368, 7198), (389, 7243), (430, 7330), (450, 7375), (476, 7414), (497, 7462), (507, 7477), (542, 7543), (552, 7585), (580, 7672), (636, 7786),

Gene: Whatsapiecost_32 Start: 27956, Stop: 28957, Start Num: 164

Candidate Starts for Whatsapiecost_32:

(Start: 164 @27956 has 214 MA's), (Start: 203 @28031 has 2 MA's), (243, 28094), (254, 28115), (Start: 297 @28199 has 1 MA's), (Start: 313 @28223 has 1 MA's), (331, 28238), (339, 28250), (389, 28361), (440, 28475), (446, 28493), (464, 28532), (474, 28556), (487, 28592), (502, 28619), (521, 28658), (570, 28766), (596, 28814), (630, 28883), (644, 28913),

Gene: Wheeler_10 Start: 6039, Stop: 7007, Start Num: 175

Candidate Starts for Wheeler_10:

(Start: 175 @6039 has 331 MA's), (Start: 191 @6072 has 6 MA's), (Start: 202 @6090 has 32 MA's), (Start: 203 @6093 has 2 MA's), (366, 6360), (389, 6411), (396, 6423), (430, 6498), (455, 6561), (461, 6573), (468, 6594), (474, 6606), (479, 6624), (487, 6642), (500, 6666), (521, 6705), (563, 6786), (570, 6810), (571, 6813), (572, 6816), (581, 6825), (624, 6912), (663, 6999),

Gene: Whirlwind_29 Start: 26586, Stop: 27629, Start Num: 111

Candidate Starts for Whirlwind_29:

(Start: 111 @26586 has 20 MA's), (113, 26592), (116, 26598), (126, 26619), (134, 26640), (159, 26691), (173, 26721), (200, 26772), (Start: 218 @26805 has 1 MA's), (Start: 226 @26817 has 29 MA's), (259, 26877), (302, 26958), (307, 26964), (332, 27009), (360, 27060), (369, 27078), (374, 27084), (377, 27090), (407, 27162), (436, 27219), (466, 27279), (501, 27354), (514, 27375), (590, 27399), (594, 27414), (596, 27420), (630, 27483), (674, 27585), (677, 27606), (679, 27612),

Gene: Whitspit_11 Start: 6623, Stop: 7591, Start Num: 175

Candidate Starts for Whitspit_11:

(Start: 175 @6623 has 331 MA's), (Start: 191 @6656 has 6 MA's), (Start: 202 @6674 has 32 MA's), (Start: 203 @6677 has 2 MA's), (366, 6944), (389, 6995), (396, 7007), (430, 7082), (455, 7145), (468, 7178), (474, 7190), (479, 7208), (487, 7226), (521, 7289), (563, 7370), (570, 7394), (571, 7397), (572, 7400), (581, 7409), (624, 7496), (644, 7541), (663, 7583),

Gene: Whouxphf_32 Start: 28010, Stop: 29011, Start Num: 164

Candidate Starts for Whouxphf_32:

(Start: 164 @28010 has 214 MA's), (Start: 203 @28085 has 2 MA's), (222, 28118), (243, 28148), (254, 28169), (271, 28199), (278, 28211), (Start: 297 @28253 has 1 MA's), (Start: 313 @28277 has 1 MA's), (331, 28292), (339, 28304), (389, 28415), (440, 28529), (446, 28547), (464, 28586), (474, 28610), (487, 28646), (502, 28673), (521, 28712), (552, 28760), (570, 28820), (596, 28868), (603, 28880), (625, 28925), (630, 28937), (644, 28967),

Gene: WideWale_13 Start: 6926, Stop: 7903, Start Num: 175

Candidate Starts for WideWale_13:

(Start: 175 @6926 has 331 MA's), (Start: 203 @6980 has 2 MA's), (250, 7037), (344, 7169), (362, 7217), (389, 7274), (407, 7310), (430, 7358), (444, 7397), (475, 7469), (479, 7484), (502, 7529), (513, 7547), (540, 7589), (552, 7637), (559, 7664), (565, 7679), (570, 7697), (571, 7700), (620, 7790),

Gene: Wiggin_38 Start: 32362, Stop: 33219, Start Num: 209

Candidate Starts for Wiggin_38:

(Start: 209 @32362 has 127 MA's), (229, 32401), (244, 32431), (255, 32452), (274, 32488), (288, 32518), (327, 32593), (352, 32641), (355, 32644), (365, 32668), (367, 32671), (378, 32686), (443, 32857), (494, 32971), (501, 32986), (504, 32992), (582, 33034), (584, 33037), (612, 33091), (646, 33169), (662, 33202),

Gene: Wigglewigggle_28 Start: 26335, Stop: 27306, Start Num: 112

Candidate Starts for Wigglewigggle_28:

(Start: 112 @26335 has 24 MA's), (134, 26389), (192, 26509), (211, 26539), (219, 26554), (Start: 238 @26587 has 1 MA's), (240, 26590), (244, 26599), (255, 26620), (288, 26683), (307, 26710), (319, 26734), (338, 26764), (365, 26815), (374, 26827), (402, 26890), (407, 26905), (431, 26965), (437, 26980), (478, 27061), (488, 27079), (489, 27082), (491, 27085), (597, 27136), (625, 27181), (644, 27223), (664, 27265),

Gene: Wilbur_10 Start: 5880, Stop: 6860, Start Num: 177

Candidate Starts for Wilbur_10:

(Start: 177 @5880 has 116 MA's), (Start: 179 @5883 has 14 MA's), (190, 5907), (Start: 202 @5928 has 32 MA's), (Start: 203 @5931 has 2 MA's), (362, 6180), (389, 6237), (432, 6321), (439, 6342), (450,

6369), (479, 6426), (550, 6576), (594, 6687), (598, 6699), (607, 6711), (639, 6777),

Gene: Wildcat_52 Start: 38376, Stop: 39341, Start Num: 164

Candidate Starts for Wildcat_52:

(Start: 164 @38376 has 214 MA's), (197, 38439), (244, 38499), (252, 38514), (254, 38517), (262, 38529), (266, 38535), (288, 38571), (290, 38574), (339, 38646), (346, 38661), (348, 38667), (378, 38730), (389, 38760), (406, 38793), (439, 38856), (440, 38859), (455, 38898), (468, 38931), (479, 38958), (482, 38967), (500, 39000), (567, 39135), (571, 39150), (596, 39195), (620, 39237), (630, 39264), (649, 39306),

Gene: Wilder_28 Start: 26308, Stop: 27279, Start Num: 112

Candidate Starts for Wilder_28:

(Start: 112 @26308 has 24 MA's), (134, 26362), (192, 26482), (211, 26512), (219, 26527), (Start: 238 @26560 has 1 MA's), (240, 26563), (244, 26572), (255, 26593), (288, 26656), (307, 26683), (319, 26707), (338, 26737), (365, 26788), (374, 26800), (402, 26863), (407, 26878), (431, 26938), (437, 26953), (478, 27034), (488, 27052), (489, 27055), (491, 27058), (597, 27109), (625, 27154), (644, 27196), (664, 27238),

Gene: Wildflower_67 Start: 42973, Stop: 44013, Start Num: 160

Candidate Starts for Wildflower_67:

(Start: 160 @42973 has 30 MA's), (Start: 203 @43048 has 2 MA's), (243, 43129), (246, 43135), (254, 43150), (295, 43231), (Start: 297 @43234 has 1 MA's), (339, 43288), (346, 43303), (389, 43399), (408, 43438), (416, 43468), (427, 43498), (428, 43501), (441, 43534), (468, 43600), (482, 43639), (487, 43648), (502, 43675), (521, 43714), (608, 43888), (630, 43939),

Gene: Wile_10 Start: 5888, Stop: 6871, Start Num: 175

Candidate Starts for Wile_10:

(Start: 175 @5888 has 331 MA's), (190, 5918), (Start: 202 @5939 has 32 MA's), (Start: 203 @5942 has 2 MA's), (362, 6191), (388, 6242), (389, 6248), (396, 6260), (409, 6290), (432, 6332), (450, 6380), (469, 6410), (479, 6437), (550, 6587), (598, 6710), (607, 6722), (612, 6731), (639, 6788), (671, 6863),

Gene: Wilkins_10 Start: 5750, Stop: 6718, Start Num: 175

Candidate Starts for Wilkins_10:

(Start: 175 @5750 has 331 MA's), (Start: 191 @5783 has 6 MA's), (Start: 202 @5801 has 32 MA's), (Start: 203 @5804 has 2 MA's), (366, 6071), (389, 6122), (396, 6134), (430, 6209), (455, 6272), (461, 6284), (468, 6305), (474, 6317), (479, 6335), (487, 6353), (500, 6377), (521, 6416), (563, 6497), (570, 6521), (571, 6524), (572, 6527), (581, 6536), (624, 6623), (663, 6710),

Gene: WillSterrel_33 Start: 29145, Stop: 30146, Start Num: 164

Candidate Starts for WillSterrel_33:

(119, 29046), (150, 29118), (Start: 164 @29145 has 214 MA's), (Start: 175 @29166 has 331 MA's), (182, 29178), (Start: 203 @29220 has 2 MA's), (222, 29253), (243, 29283), (254, 29304), (Start: 297 @29388 has 1 MA's), (Start: 313 @29412 has 1 MA's), (331, 29427), (339, 29439), (389, 29550), (439, 29661), (446, 29682), (464, 29721), (487, 29781), (502, 29808), (521, 29847), (570, 29955), (581, 29970), (596, 30003), (630, 30072), (644, 30102),

Gene: Willez_34 Start: 31362, Stop: 32219, Start Num: 209

Candidate Starts for Willez_34:

(Start: 209 @31362 has 127 MA's), (229, 31401), (244, 31431), (255, 31452), (274, 31488), (288, 31518), (327, 31593), (352, 31641), (355, 31644), (365, 31668), (367, 31671), (378, 31686), (443, 31857), (494, 31971), (501, 31986), (504, 31992), (582, 32034), (584, 32037), (612, 32091), (646, 32169), (662, 32202),

Gene: Willis_253 Start: 144716, Stop: 145744, Start Num: 158

Candidate Starts for Willis_253:

(Start: 158 @144716 has 220 MA's), (Start: 175 @144746 has 331 MA's), (182, 144758), (Start: 203 @144800 has 2 MA's), (243, 144863), (254, 144884), (Start: 297 @144968 has 1 MA's), (331, 145010), (339, 145022), (346, 145037), (378, 145106), (389, 145133), (414, 145187), (427, 145232), (428, 145235), (460, 145313), (468, 145334), (521, 145445), (565, 145535), (570, 145553), (611, 145625), (625, 145658),

Gene: Windsor_48 Start: 41406, Stop: 42761, Start Num: 89

Candidate Starts for Windsor_48:

(Start: 89 @41406 has 280 MA's), (Start: 105 @41457 has 11 MA's), (119, 41490), (185, 41619), (186, 41622), (194, 41637), (249, 41733), (273, 41772), (287, 41802), (300, 41838), (354, 41949), (365, 41979), (367, 41982), (397, 42048), (457, 42207), (477, 42255), (481, 42273), (504, 42321), (566, 42465), (588, 42525), (628, 42630), (671, 42717),

Gene: Winget_68 Start: 43679, Stop: 44719, Start Num: 160

Candidate Starts for Winget_68:

(Start: 160 @43679 has 30 MA's), (Start: 203 @43754 has 2 MA's), (243, 43835), (246, 43841), (254, 43856), (295, 43937), (Start: 297 @43940 has 1 MA's), (339, 43994), (346, 44009), (389, 44105), (408, 44144), (416, 44174), (427, 44204), (428, 44207), (441, 44240), (468, 44306), (482, 44345), (487, 44354), (502, 44381), (521, 44420), (608, 44594), (630, 44645),

Gene: Winky_28 Start: 26303, Stop: 27274, Start Num: 112

Candidate Starts for Winky_28:

(Start: 112 @26303 has 24 MA's), (134, 26357), (211, 26507), (216, 26516), (219, 26522), (Start: 238 @26555 has 1 MA's), (240, 26558), (244, 26567), (255, 26588), (288, 26651), (307, 26678), (319, 26702), (365, 26783), (374, 26795), (402, 26858), (407, 26873), (431, 26933), (437, 26948), (478, 27029), (488, 27047), (489, 27050), (491, 27053), (597, 27104), (625, 27149), (644, 27191), (664, 27233),

Gene: Wintermute_32 Start: 27629, Stop: 28420, Start Num: 213

Candidate Starts for Wintermute_32:

(Start: 213 @27629 has 23 MA's), (Start: 238 @27662 has 1 MA's), (255, 27695), (268, 27719), (280, 27740), (300, 27788), (307, 27797), (327, 27833), (371, 27914), (465, 28121), (478, 28148), (481, 28154), (489, 28169), (499, 28193), (594, 28217), (612, 28238), (625, 28271), (630, 28283), (659, 28355),

Gene: Wishmaker_32 Start: 28339, Stop: 29574, Start Num: 96

Candidate Starts for Wishmaker_32:

(Start: 96 @28339 has 92 MA's), (127, 28432), (141, 28465), (145, 28477), (Start: 151 @28489 has 50 MA's), (153, 28492), (184, 28555), (194, 28573), (215, 28606), (249, 28666), (273, 28705), (278, 28714), (279, 28717), (287, 28735), (300, 28771), (327, 28819), (334, 28831), (337, 28837), (359, 28900), (361, 28903), (373, 28930), (381, 28942), (419, 29044), (461, 29131), (477, 29170), (483, 29191), (519, 29260), (541, 29290), (571, 29323), (579, 29332), (584, 29338), (591, 29350), (593, 29359), (625, 29422), (651, 29491),

Gene: Wizard007_10 Start: 5883, Stop: 6863, Start Num: 177

Candidate Starts for Wizard007_10:

(Start: 177 @5883 has 116 MA's), (Start: 179 @5886 has 14 MA's), (190, 5910), (Start: 202 @5931 has 32 MA's), (Start: 203 @5934 has 2 MA's), (362, 6183), (389, 6240), (432, 6324), (439, 6345), (450, 6372), (469, 6402), (479, 6429), (550, 6579), (594, 6690), (598, 6702), (607, 6714), (639, 6780),

Gene: Wogge42_66 Start: 43120, Stop: 44160, Start Num: 160

Candidate Starts for Wogge42_66:

(Start: 160 @43120 has 30 MA's), (Start: 203 @43195 has 2 MA's), (243, 43276), (246, 43282), (254, 43297), (295, 43378), (Start: 297 @43381 has 1 MA's), (339, 43435), (346, 43450), (389, 43546), (408, 43585), (416, 43615), (427, 43645), (428, 43648), (441, 43681), (468, 43747), (482, 43786), (487, 43795), (502, 43822), (521, 43861), (552, 43909), (608, 44035), (630, 44086),

Gene: Wooldri_14 Start: 5873, Stop: 6838, Start Num: 166

Candidate Starts for Wooldri_14:

(Start: 166 @5873 has 96 MA's), (Start: 191 @5918 has 6 MA's), (Start: 203 @5939 has 2 MA's), (280, 6059), (362, 6197), (389, 6254), (398, 6269), (439, 6350), (444, 6365), (452, 6383), (474, 6434), (479, 6452), (502, 6497), (552, 6593), (571, 6656), (593, 6695), (620, 6746),

Gene: Wyatt2_26 Start: 25547, Stop: 26578, Start Num: 169

Candidate Starts for Wyatt2_26:

(Start: 169 @25547 has 29 MA's), (263, 25700), (265, 25703), (277, 25727), (284, 25739), (293, 25757), (Start: 297 @25775 has 1 MA's), (304, 25793), (309, 25799), (316, 25808), (322, 25823), (333, 25838), (362, 25910), (389, 25967), (408, 26006), (441, 26084), (444, 26093), (445, 26096), (452, 26111), (472, 26165), (479, 26186), (485, 26201), (537, 26285), (548, 26315), (571, 26384), (581, 26396), (593, 26420), (599, 26438), (602, 26441), (611, 26453), (613, 26456), (625, 26486), (630, 26498),

Gene: XFactor_31 Start: 27697, Stop: 28698, Start Num: 164

Candidate Starts for XFactor_31:

(Start: 164 @27697 has 214 MA's), (Start: 175 @27718 has 331 MA's), (182, 27730), (Start: 203 @27772 has 2 MA's), (243, 27835), (254, 27856), (271, 27886), (Start: 297 @27940 has 1 MA's), (Start: 313 @27964 has 1 MA's), (339, 27991), (389, 28102), (440, 28216), (446, 28234), (464, 28273), (474, 28297), (487, 28333), (502, 28360), (521, 28399), (552, 28447), (570, 28507), (603, 28567), (630, 28624), (644, 28654),

Gene: Xandras_37 Start: 31848, Stop: 32705, Start Num: 209

Candidate Starts for Xandras_37:

(Start: 209 @31848 has 127 MA's), (229, 31887), (244, 31917), (255, 31938), (274, 31974), (288, 32004), (327, 32079), (352, 32127), (355, 32130), (365, 32154), (367, 32157), (378, 32172), (443, 32343), (494, 32457), (501, 32472), (504, 32478), (582, 32520), (584, 32523), (612, 32577), (646, 32655), (662, 32688),

Gene: Xavia_27 Start: 24676, Stop: 25842, Start Num: 110

Candidate Starts for Xavia_27:

(Start: 110 @24676 has 51 MA's), (114, 24685), (132, 24730), (134, 24733), (178, 24820), (207, 24865), (230, 24898), (249, 24940), (264, 24961), (273, 24979), (300, 25045), (327, 25084), (354, 25150), (379, 25201), (397, 25246), (434, 25342), (447, 25381), (461, 25396), (465, 25408), (477, 25435), (517, 25522), (524, 25540), (531, 25546), (541, 25558), (547, 25570), (582, 25606), (621, 25687), (651, 25762), (674, 25804), (677, 25825), (679, 25831),

Gene: Xavier_48 Start: 41414, Stop: 42769, Start Num: 89

Candidate Starts for Xavier_48:

(Start: 89 @41414 has 280 MA's), (Start: 105 @41465 has 11 MA's), (119, 41498), (185, 41627), (186, 41630), (194, 41645), (249, 41741), (273, 41780), (287, 41810), (300, 41846), (354, 41957), (365, 41987), (367, 41990), (397, 42056), (457, 42215), (477, 42263), (481, 42281), (504, 42329), (566, 42473), (588, 42533), (628, 42638), (671, 42725),

Gene: Xena_10 Start: 5878, Stop: 6858, Start Num: 177

Candidate Starts for Xena_10:

(138, 5818), (146, 5836), (Start: 177 @5878 has 116 MA's), (Start: 179 @5881 has 14 MA's), (190, 5905), (Start: 202 @5926 has 32 MA's), (Start: 203 @5929 has 2 MA's), (362, 6178), (388, 6229), (389, 6235), (396, 6247), (409, 6277), (432, 6319), (450, 6367), (469, 6397), (479, 6424), (550, 6574), (598, 6697), (607, 6709), (612, 6718), (639, 6775), (671, 6850),

Gene: XianYue_11 Start: 6359, Stop: 7345, Start Num: 175

Candidate Starts for XianYue_11:

(Start: 175 @6359 has 331 MA's), (190, 6389), (Start: 203 @6413 has 2 MA's), (293, 6548), (362, 6662), (378, 6689), (388, 6713), (389, 6719), (450, 6851), (479, 6908), (550, 7058), (556, 7082), (570, 7127), (595, 7172), (607, 7193), (623, 7229), (639, 7265), (648, 7295),

Gene: Xiaokay_44 Start: 39470, Stop: 40336, Start Num: 202

Candidate Starts for Xiaokay_44:

(Start: 202 @39470 has 32 MA's), (Start: 218 @39497 has 1 MA's), (278, 39605), (288, 39626), (308, 39671), (327, 39692), (342, 39713), (364, 39767), (387, 39818), (407, 39869), (473, 40019), (489, 40061), (517, 40112), (524, 40130), (584, 40196), (591, 40208), (593, 40217), (602, 40247), (633, 40310),

Gene: Ximenita_32 Start: 25917, Stop: 26660, Start Num: 226

Candidate Starts for Ximenita_32:

(Start: 209 @25890 has 127 MA's), (Start: 226 @25917 has 29 MA's), (251, 25959), (255, 25965), (275, 26001), (300, 26049), (307, 26058), (327, 26094), (346, 26136), (397, 26244), (465, 26379), (476, 26394), (478, 26406), (489, 26427), (509, 26442), (559, 26451), (657, 26610), (671, 26631), (674, 26640),

Gene: Xula_25 Start: 23743, Stop: 24909, Start Num: 110

Candidate Starts for Xula_25:

(15, 22999), (43, 23371), (Start: 110 @23743 has 51 MA's), (134, 23800), (178, 23887), (Start: 209 @23935 has 127 MA's), (249, 24007), (264, 24028), (300, 24112), (327, 24151), (354, 24217), (365, 24247), (379, 24268), (397, 24313), (434, 24409), (447, 24448), (461, 24463), (477, 24502), (517, 24589), (524, 24607), (531, 24613), (571, 24661), (621, 24754), (651, 24829), (674, 24871), (677, 24892), (679, 24898),

Gene: Y10_32 Start: 27629, Stop: 28420, Start Num: 213

Candidate Starts for Y10_32:

(Start: 213 @27629 has 23 MA's), (Start: 238 @27662 has 1 MA's), (255, 27695), (268, 27719), (280, 27740), (300, 27788), (307, 27797), (327, 27833), (371, 27914), (465, 28121), (478, 28148), (481, 28154), (489, 28169), (499, 28193), (594, 28217), (612, 28238), (625, 28271), (630, 28283), (659, 28355),

Gene: Y2_32 Start: 27629, Stop: 28420, Start Num: 213

Candidate Starts for Y2_32:

(Start: 213 @27629 has 23 MA's), (Start: 238 @27662 has 1 MA's), (255, 27695), (268, 27719), (280, 27740), (300, 27788), (307, 27797), (327, 27833), (371, 27914), (465, 28121), (478, 28148), (481, 28154), (489, 28169), (499, 28193), (594, 28217), (612, 28238), (625, 28271), (630, 28283), (659, 28355),

Gene: Yahalom_47 Start: 41547, Stop: 42611, Start Num: 151

Candidate Starts for Yahalom_47:

(Start: 151 @41547 has 50 MA's), (184, 41610), (236, 41691), (271, 41757), (279, 41772), (288, 41784), (298, 41811), (343, 41868), (346, 41877), (413, 42024), (419, 42039), (439, 42093), (452, 42126), (467, 42165), (475, 42177), (518, 42258), (533, 42276), (535, 42279), (552, 42324), (596, 42435), (649, 42546), (658, 42567), (673, 42600),

Gene: YangYin_28 Start: 26977, Stop: 28200, Start Num: 96

Candidate Starts for YangYin_28:

(21, 26410), (31, 26530), (34, 26557), (37, 26599), (58, 26752), (Start: 96 @26977 has 92 MA's), (163, 27139), (184, 27181), (211, 27223), (231, 27259), (249, 27295), (293, 27376), (300, 27400), (327, 27448), (341, 27472), (361, 27532), (373, 27559), (381, 27571), (397, 27613), (410, 27649), (461, 27760), (470, 27784), (477, 27799), (478, 27808), (498, 27853), (672, 28162),

Gene: YasnayaPolyana_32 Start: 27630, Stop: 28421, Start Num: 213

Candidate Starts for YasnayaPolyana_32:

(Start: 213 @27630 has 23 MA's), (Start: 238 @27663 has 1 MA's), (255, 27696), (268, 27720), (280, 27741), (300, 27789), (307, 27798), (327, 27834), (371, 27915), (465, 28122), (478, 28149), (481, 28155), (489, 28170), (499, 28194), (594, 28218), (612, 28239), (625, 28272), (630, 28284), (659, 28356),

Gene: YassJohnny_36 Start: 32373, Stop: 33230, Start Num: 209

Candidate Starts for YassJohnny_36:

(Start: 209 @32373 has 127 MA's), (229, 32412), (244, 32442), (255, 32463), (274, 32499), (288, 32529), (327, 32604), (352, 32652), (355, 32655), (365, 32679), (367, 32682), (378, 32697), (443, 32868), (494, 32982), (501, 32997), (504, 33003), (582, 33045), (584, 33048), (612, 33102), (646, 33180), (662, 33213),

Gene: Yassified_248 Start: 143912, Stop: 144940, Start Num: 158

Candidate Starts for Yassified_248:

(Start: 158 @143912 has 220 MA's), (Start: 175 @143942 has 331 MA's), (Start: 203 @143996 has 2 MA's), (243, 144059), (254, 144080), (Start: 297 @144164 has 1 MA's), (331, 144206), (339, 144218), (346, 144233), (378, 144302), (389, 144329), (414, 144383), (427, 144428), (428, 144431), (460, 144509), (468, 144530), (521, 144641), (565, 144731), (570, 144749), (611, 144821), (625, 144854),

Gene: Yeet_47 Start: 41871, Stop: 42743, Start Num: 202

Candidate Starts for Yeet_47:

(Start: 202 @41871 has 32 MA's), (Start: 218 @41898 has 1 MA's), (251, 41958), (278, 42006), (308, 42072), (327, 42093), (342, 42114), (364, 42168), (400, 42249), (522, 42528), (524, 42531), (545, 42555), (579, 42591), (590, 42606), (593, 42618), (601, 42639),

Gene: Yelo_39 Start: 35335, Stop: 36384, Start Num: 158

Candidate Starts for Yelo_39:

(Start: 158 @35335 has 220 MA's), (201, 35419), (Start: 206 @35428 has 15 MA's), (222, 35452), (243, 35482), (254, 35503), (265, 35521), (274, 35539), (288, 35560), (293, 35569), (Start: 297 @35587 has 1 MA's), (316, 35614), (346, 35656), (404, 35788), (410, 35809), (446, 35908), (492, 36007), (529, 36061), (592, 36211), (606, 36238), (611, 36247), (628, 36289), (630, 36292), (632, 36298), (641, 36307), (653, 36343), (658, 36352), (663, 36361),

Gene: YemiJoy2021_253 Start: 145447, Stop: 146475, Start Num: 158

Candidate Starts for YemiJoy2021_253:

(Start: 158 @145447 has 220 MA's), (Start: 175 @145477 has 331 MA's), (182, 145489), (Start: 203 @145531 has 2 MA's), (243, 145594), (254, 145615), (Start: 297 @145699 has 1 MA's), (331, 145741), (339, 145753), (346, 145768), (378, 145837), (389, 145864), (414, 145918), (427, 145963), (428, 145966), (460, 146044), (468, 146065), (521, 146176), (565, 146266), (570, 146284), (611, 146356), (625, 146389),

Gene: Yinz_47 Start: 41573, Stop: 42637, Start Num: 151

Candidate Starts for Yinz_47:

(Start: 151 @41573 has 50 MA's), (184, 41636), (236, 41717), (271, 41783), (279, 41798), (288, 41810), (298, 41837), (343, 41894), (346, 41903), (413, 42050), (419, 42065), (439, 42119), (452, 42152), (467, 42191), (475, 42203), (518, 42284), (533, 42302), (535, 42305), (596, 42461), (649, 42572), (658, 42593), (673, 42626),

Gene: YoSam321_10 Start: 5881, Stop: 6861, Start Num: 177

Candidate Starts for YoSam321_10:

(Start: 177 @5881 has 116 MA's), (Start: 179 @5884 has 14 MA's), (190, 5908), (Start: 202 @5929 has 32 MA's), (Start: 203 @5932 has 2 MA's), (362, 6181), (389, 6238), (420, 6301), (432, 6322), (439, 6343), (450, 6370), (469, 6400), (479, 6427), (550, 6577), (598, 6700), (607, 6712), (655, 6823),

Gene: Yorick_31 Start: 27697, Stop: 28698, Start Num: 164

Candidate Starts for Yorick_31:

(Start: 164 @27697 has 214 MA's), (Start: 175 @27718 has 331 MA's), (182, 27730), (Start: 203 @27772 has 2 MA's), (243, 27835), (254, 27856), (271, 27886), (Start: 297 @27940 has 1 MA's), (Start: 313 @27964 has 1 MA's), (331, 27979), (339, 27991), (389, 28102), (440, 28216), (446, 28234), (464, 28273), (474, 28297), (487, 28333), (502, 28360), (521, 28399), (552, 28447), (570, 28507), (603, 28567), (630, 28624), (644, 28654),

Gene: Yoshand_50 Start: 41844, Stop: 43220, Start Num: 89

Candidate Starts for Yoshand_50:

(Start: 89 @41844 has 280 MA's), (Start: 105 @41895 has 11 MA's), (119, 41928), (185, 42057), (186, 42060), (194, 42075), (249, 42171), (273, 42210), (287, 42240), (300, 42276), (354, 42387), (365, 42417), (367, 42420), (397, 42486), (457, 42645), (477, 42693), (481, 42711), (504, 42759), (566, 42924), (588, 42984), (628, 43089), (671, 43176),

Gene: Yoshi_38 Start: 27091, Stop: 28161, Start Num: 164

Candidate Starts for Yoshi_38:

(Start: 164 @27091 has 214 MA's), (288, 27307), (293, 27316), (316, 27361), (346, 27403), (366, 27454), (384, 27496), (403, 27538), (413, 27568), (422, 27598), (423, 27601), (445, 27676), (454, 27697), (459, 27709), (464, 27721), (473, 27742), (518, 27826), (552, 27901), (596, 28009), (597, 28012), (599, 28018), (621, 28054), (622, 28057), (624, 28063), (630, 28078), (660, 28144),

Gene: YouGoGlencoco_49 Start: 41704, Stop: 43059, Start Num: 89

Candidate Starts for YouGoGlencoco_49:

(Start: 89 @41704 has 280 MA's), (Start: 105 @41755 has 11 MA's), (119, 41788), (185, 41917), (186, 41920), (194, 41935), (249, 42031), (273, 42070), (287, 42100), (300, 42136), (354, 42247), (365, 42277), (367, 42280), (397, 42346), (457, 42505), (477, 42553), (481, 42571), (504, 42619), (566, 42763), (588, 42823), (628, 42928), (671, 43015),

Gene: YoungMoneyMata_252 Start: 144908, Stop: 145936, Start Num: 158

Candidate Starts for YoungMoneyMata_252:

(Start: 158 @144908 has 220 MA's), (Start: 175 @144938 has 331 MA's), (182, 144950), (Start: 203 @144992 has 2 MA's), (243, 145055), (254, 145076), (Start: 297 @145160 has 1 MA's), (331, 145202), (339, 145214), (346, 145229), (378, 145298), (389, 145325), (414, 145379), (427, 145424), (428, 145427), (460, 145505), (468, 145526), (521, 145637), (565, 145727), (570, 145745), (611, 145817), (625, 145850),

Gene: Youngblood_35 Start: 32018, Stop: 32875, Start Num: 209

Candidate Starts for Youngblood_35:

(Start: 209 @32018 has 127 MA's), (229, 32057), (244, 32087), (255, 32108), (274, 32144), (288, 32174), (327, 32249), (352, 32297), (355, 32300), (365, 32324), (367, 32327), (378, 32342), (443, 32513), (494, 32627), (501, 32642), (504, 32648), (582, 32690), (584, 32693), (612, 32747), (646,

32825), (662, 32858),

Gene: YoureAdopted_30 Start: 26430, Stop: 27302, Start Num: 227

Candidate Starts for YoureAdopted_30:

(85, 26100), (165, 26328), (Start: 209 @26403 has 127 MA's), (Start: 227 @26430 has 136 MA's), (Start: 238 @26442 has 1 MA's), (275, 26511), (288, 26538), (300, 26568), (307, 26577), (327, 26613), (346, 26655), (352, 26673), (367, 26703), (397, 26763), (465, 26898), (478, 26925), (489, 26946), (499, 26970), (539, 27021), (596, 27123), (621, 27159), (630, 27183), (674, 27282), (676, 27291),

Gene: YoyoKar_65 Start: 42963, Stop: 44003, Start Num: 160

Candidate Starts for YoyoKar_65:

(Start: 160 @42963 has 30 MA's), (Start: 203 @43038 has 2 MA's), (243, 43119), (246, 43125), (254, 43140), (295, 43221), (Start: 297 @43224 has 1 MA's), (339, 43278), (346, 43293), (389, 43389), (408, 43428), (416, 43458), (427, 43488), (428, 43491), (441, 43524), (468, 43590), (487, 43638), (502, 43665), (521, 43704), (608, 43878), (630, 43929),

Gene: Yucca_253 Start: 145888, Stop: 146916, Start Num: 158

Candidate Starts for Yucca_253:

(Start: 158 @145888 has 220 MA's), (Start: 175 @145918 has 331 MA's), (182, 145930), (Start: 203 @145972 has 2 MA's), (243, 146035), (254, 146056), (Start: 297 @146140 has 1 MA's), (331, 146182), (339, 146194), (346, 146209), (378, 146278), (389, 146305), (414, 146359), (427, 146404), (428, 146407), (460, 146485), (468, 146506), (521, 146617), (565, 146707), (570, 146725), (611, 146797), (625, 146830),

Gene: Yuna_32 Start: 26320, Stop: 27069, Start Num: 227

Candidate Starts for Yuna_32:

(165, 26218), (176, 26239), (196, 26272), (Start: 209 @26293 has 127 MA's), (Start: 227 @26320 has 136 MA's), (Start: 238 @26332 has 1 MA's), (240, 26335), (251, 26359), (255, 26365), (275, 26401), (300, 26449), (307, 26458), (332, 26503), (346, 26536), (367, 26584), (407, 26671), (465, 26779), (478, 26806), (489, 26827), (499, 26851), (621, 26926), (630, 26950), (649, 26998), (671, 27040), (674, 27049),

Gene: YungJamal_72 Start: 44871, Stop: 45911, Start Num: 160

Candidate Starts for YungJamal_72:

(Start: 160 @44871 has 30 MA's), (Start: 203 @44946 has 2 MA's), (243, 45027), (246, 45033), (254, 45048), (295, 45129), (Start: 297 @45132 has 1 MA's), (339, 45186), (346, 45201), (389, 45297), (408, 45336), (416, 45366), (427, 45396), (428, 45399), (441, 45432), (468, 45498), (482, 45537), (487, 45546), (502, 45573), (521, 45612), (552, 45660), (608, 45786), (630, 45837),

Gene: Yunkel11_31 Start: 25718, Stop: 26587, Start Num: 227

Candidate Starts for Yunkel11_31:

(196, 25670), (Start: 209 @25691 has 127 MA's), (Start: 227 @25718 has 136 MA's), (Start: 238 @25730 has 1 MA's), (251, 25757), (255, 25763), (272, 25793), (275, 25799), (307, 25862), (327, 25898), (332, 25907), (346, 25940), (367, 25988), (401, 26057), (478, 26210), (489, 26231), (499, 26255), (509, 26273), (527, 26294), (559, 26333), (596, 26408), (621, 26444), (657, 26537), (674, 26567), (676, 26576),

Gene: Zabiza_31 Start: 26461, Stop: 27333, Start Num: 227

Candidate Starts for Zabiza_31:

(Start: 209 @26434 has 127 MA's), (Start: 227 @26461 has 136 MA's), (Start: 238 @26473 has 1 MA's), (275, 26542), (288, 26569), (300, 26599), (307, 26608), (327, 26644), (332, 26653), (346, 26686), (352, 26704), (367, 26734), (395, 26791), (397, 26794), (465, 26929), (478, 26956), (489, 26977), (499, 27001), (539, 27052), (596, 27154), (621, 27190), (630, 27214), (674, 27313), (676,

27322),

Gene: Zaider_50 Start: 41934, Stop: 43289, Start Num: 89

Candidate Starts for Zaider_50:

(Start: 89 @41934 has 280 MA's), (Start: 105 @41985 has 11 MA's), (119, 42018), (128, 42036), (185, 42147), (186, 42150), (194, 42165), (249, 42261), (273, 42300), (287, 42330), (300, 42366), (354, 42477), (365, 42507), (367, 42510), (397, 42576), (457, 42735), (477, 42783), (481, 42801), (504, 42849), (566, 42993), (588, 43053), (628, 43158), (671, 43245),

Gene: Zakai_28 Start: 26511, Stop: 27539, Start Num: 169

Candidate Starts for Zakai_28:

(Start: 169 @26511 has 29 MA's), (258, 26655), (261, 26661), (325, 26790), (330, 26799), (389, 26931), (441, 27048), (444, 27057), (445, 27060), (452, 27075), (479, 27150), (485, 27165), (548, 27279), (557, 27306), (567, 27333), (571, 27348), (581, 27360), (618, 27426),

Gene: Zakhe101_66 Start: 43519, Stop: 44559, Start Num: 160

Candidate Starts for Zakhe101_66:

(Start: 160 @43519 has 30 MA's), (Start: 203 @43594 has 2 MA's), (243, 43675), (246, 43681), (254, 43696), (295, 43777), (Start: 297 @43780 has 1 MA's), (339, 43834), (346, 43849), (389, 43945), (408, 43984), (416, 44014), (427, 44044), (428, 44047), (441, 44080), (468, 44146), (482, 44185), (487, 44194), (502, 44221), (521, 44260), (608, 44434), (630, 44485),

Gene: Zalkecks_251 Start: 144545, Stop: 145573, Start Num: 158

Candidate Starts for Zalkecks_251:

(Start: 158 @144545 has 220 MA's), (Start: 175 @144575 has 331 MA's), (182, 144587), (Start: 203 @144629 has 2 MA's), (243, 144692), (254, 144713), (Start: 297 @144797 has 1 MA's), (331, 144839), (339, 144851), (346, 144866), (378, 144935), (389, 144962), (414, 145016), (427, 145061), (428, 145064), (460, 145142), (468, 145163), (521, 145274), (565, 145364), (570, 145382), (611, 145454), (625, 145487),

Gene: Zapner_38 Start: 28198, Stop: 29271, Start Num: 164

Candidate Starts for Zapner_38:

(Start: 164 @28198 has 214 MA's), (Start: 179 @28225 has 14 MA's), (192, 28255), (248, 28348), (254, 28357), (260, 28366), (293, 28423), (316, 28468), (343, 28501), (346, 28510), (366, 28561), (384, 28603), (394, 28627), (399, 28636), (403, 28648), (413, 28678), (422, 28708), (423, 28711), (439, 28768), (440, 28771), (445, 28786), (450, 28798), (454, 28807), (464, 28831), (475, 28855), (518, 28936), (552, 29011), (597, 29122), (621, 29164), (622, 29167), (624, 29173), (630, 29188), (660, 29254),

Gene: Zarafa_10 Start: 5799, Stop: 6539, Start Num: 315

Candidate Starts for Zarafa_10:

(Start: 315 @5799 has 18 MA's), (362, 5886), (389, 5943), (396, 5955), (398, 5958), (408, 5982), (414, 5997), (427, 6015), (439, 6045), (441, 6051), (452, 6078), (479, 6147), (518, 6219), (546, 6261), (552, 6288), (559, 6315), (570, 6348), (571, 6351), (593, 6390), (666, 6531),

Gene: Zaria_26 Start: 25561, Stop: 26592, Start Num: 169

Candidate Starts for Zaria_26:

(Start: 169 @25561 has 29 MA's), (263, 25714), (265, 25717), (277, 25741), (284, 25753), (293, 25771), (Start: 297 @25789 has 1 MA's), (304, 25807), (309, 25813), (316, 25822), (322, 25837), (333, 25852), (362, 25924), (389, 25981), (408, 26020), (441, 26098), (444, 26107), (445, 26110), (452, 26125), (472, 26179), (479, 26200), (485, 26215), (537, 26299), (548, 26329), (571, 26398), (581, 26410), (593, 26434), (599, 26452), (602, 26455), (611, 26467), (613, 26470), (625, 26500), (630, 26512),

Gene: Zavala_31 Start: 26436, Stop: 27308, Start Num: 227

Candidate Starts for Zavala_31:

(Start: 209 @26409 has 127 MA's), (Start: 227 @26436 has 136 MA's), (Start: 238 @26448 has 1 MA's), (275, 26517), (288, 26544), (300, 26574), (307, 26583), (327, 26619), (332, 26628), (346, 26661), (352, 26679), (367, 26709), (397, 26769), (465, 26904), (478, 26931), (489, 26952), (499, 26976), (539, 27027), (596, 27129), (621, 27165), (630, 27189), (674, 27288), (676, 27297),

Gene: Zebo_67 Start: 43422, Stop: 44462, Start Num: 160

Candidate Starts for Zebo_67:

(Start: 160 @43422 has 30 MA's), (Start: 203 @43497 has 2 MA's), (243, 43578), (246, 43584), (254, 43599), (295, 43680), (Start: 297 @43683 has 1 MA's), (339, 43737), (346, 43752), (389, 43848), (408, 43887), (416, 43917), (427, 43947), (428, 43950), (441, 43983), (468, 44049), (487, 44097), (502, 44124), (521, 44163), (608, 44337), (630, 44388),

Gene: Zeeculate_9 Start: 5734, Stop: 6702, Start Num: 175

Candidate Starts for Zeeculate_9:

(Start: 175 @5734 has 331 MA's), (Start: 191 @5767 has 6 MA's), (Start: 202 @5785 has 32 MA's), (Start: 203 @5788 has 2 MA's), (366, 6055), (389, 6106), (396, 6118), (430, 6193), (455, 6256), (461, 6268), (468, 6289), (474, 6301), (479, 6319), (487, 6337), (500, 6361), (521, 6400), (563, 6481), (570, 6505), (571, 6508), (572, 6511), (581, 6520), (624, 6607), (644, 6652), (663, 6694),

Gene: Zeenon_253 Start: 145079, Stop: 146107, Start Num: 158

Candidate Starts for Zeenon_253:

(Start: 158 @145079 has 220 MA's), (Start: 175 @145109 has 331 MA's), (182, 145121), (Start: 203 @145163 has 2 MA's), (243, 145226), (254, 145247), (Start: 297 @145331 has 1 MA's), (331, 145373), (339, 145385), (346, 145400), (378, 145469), (389, 145496), (414, 145550), (427, 145595), (428, 145598), (460, 145676), (468, 145697), (521, 145808), (565, 145898), (570, 145916), (611, 145988), (625, 146021),

Gene: Zelda_49 Start: 41751, Stop: 43106, Start Num: 89

Candidate Starts for Zelda_49:

(Start: 89 @41751 has 280 MA's), (Start: 105 @41802 has 11 MA's), (119, 41835), (185, 41964), (186, 41967), (194, 41982), (249, 42078), (273, 42117), (287, 42147), (300, 42183), (354, 42294), (365, 42324), (367, 42327), (397, 42393), (457, 42552), (477, 42600), (481, 42618), (504, 42666), (566, 42810), (588, 42870), (628, 42975), (671, 43062),

Gene: Zelink_50 Start: 43683, Stop: 44528, Start Num: 218

Candidate Starts for Zelink_50:

(Start: 202 @43656 has 32 MA's), (Start: 218 @43683 has 1 MA's), (288, 43812), (308, 43857), (327, 43878), (342, 43899), (364, 43953), (400, 44034), (522, 44313), (524, 44316), (545, 44340), (579, 44376), (590, 44391), (593, 44403), (601, 44424),

Gene: Zenon_40 Start: 35354, Stop: 36403, Start Num: 158

Candidate Starts for Zenon_40:

(Start: 158 @35354 has 220 MA's), (201, 35438), (Start: 206 @35447 has 15 MA's), (222, 35471), (243, 35501), (254, 35522), (265, 35540), (274, 35558), (288, 35579), (293, 35588), (Start: 297 @35606 has 1 MA's), (316, 35633), (346, 35675), (384, 35765), (404, 35807), (410, 35828), (446, 35927), (458, 35954), (492, 36026), (529, 36080), (592, 36230), (606, 36257), (611, 36266), (628, 36308), (630, 36311), (632, 36317), (641, 36326), (653, 36362), (658, 36371), (663, 36380),

Gene: Zenteno07_53 Start: 41898, Stop: 42902, Start Num: 174

Candidate Starts for Zenteno07_53:

(Start: 174 @41898 has 4 MA's), (190, 41928), (198, 41943), (Start: 202 @41949 has 32 MA's), (Start: 203 @41952 has 2 MA's), (293, 42093), (Start: 297 @42108 has 1 MA's), (388, 42258), (389, 42264), (407, 42300), (420, 42327), (432, 42348), (456, 42411), (479, 42459), (550, 42609), (556, 42633), (558, 42639), (569, 42675), (573, 42687), (607, 42744),

Gene: Zephyr_10 Start: 5875, Stop: 6843, Start Num: 175

Candidate Starts for Zephyr_10:

(Start: 175 @5875 has 331 MA's), (Start: 191 @5908 has 6 MA's), (Start: 202 @5926 has 32 MA's), (Start: 203 @5929 has 2 MA's), (366, 6196), (389, 6247), (396, 6259), (430, 6334), (455, 6397), (468, 6430), (474, 6442), (479, 6460), (487, 6478), (500, 6502), (521, 6541), (563, 6622), (570, 6646), (571, 6649), (572, 6652), (581, 6661), (624, 6748), (644, 6793), (663, 6835),

Gene: Zerg_31 Start: 27550, Stop: 28551, Start Num: 164

Candidate Starts for Zerg_31:

(45, 27070), (53, 27109), (70, 27262), (79, 27298), (Start: 164 @27550 has 214 MA's), (Start: 203 @27625 has 2 MA's), (222, 27658), (243, 27688), (254, 27709), (Start: 297 @27793 has 1 MA's), (Start: 313 @27817 has 1 MA's), (331, 27832), (339, 27844), (389, 27955), (440, 28069), (446, 28087), (464, 28126), (474, 28150), (487, 28186), (502, 28213), (521, 28252), (570, 28360), (603, 28420), (625, 28465), (630, 28477), (644, 28507),

Gene: Zetzy_11 Start: 5527, Stop: 6492, Start Num: 166

Candidate Starts for Zetzy_11:

(Start: 166 @5527 has 96 MA's), (168, 5533), (Start: 191 @5572 has 6 MA's), (Start: 203 @5593 has 2 MA's), (280, 5713), (362, 5851), (389, 5908), (398, 5923), (439, 6004), (444, 6019), (472, 6085), (474, 6088), (475, 6091), (479, 6106), (552, 6247), (559, 6274), (570, 6307), (571, 6310), (593, 6349),

Gene: Zeuska_11 Start: 6553, Stop: 7521, Start Num: 175

Candidate Starts for Zeuska_11:

(Start: 175 @6553 has 331 MA's), (Start: 191 @6586 has 6 MA's), (Start: 202 @6604 has 32 MA's), (Start: 203 @6607 has 2 MA's), (366, 6874), (389, 6925), (396, 6937), (430, 7012), (455, 7075), (461, 7087), (468, 7108), (474, 7120), (479, 7138), (487, 7156), (500, 7180), (521, 7219), (563, 7300), (570, 7324), (571, 7327), (572, 7330), (581, 7339), (624, 7426), (644, 7471), (663, 7513),

Gene: ZhongYanYuan_27 Start: 26124, Stop: 27095, Start Num: 112

Candidate Starts for ZhongYanYuan_27:

(Start: 112 @26124 has 24 MA's), (134, 26178), (192, 26298), (Start: 202 @26313 has 32 MA's), (211, 26328), (219, 26343), (Start: 238 @26376 has 1 MA's), (244, 26388), (255, 26409), (288, 26472), (307, 26499), (319, 26523), (365, 26604), (374, 26616), (385, 26643), (402, 26679), (407, 26694), (412, 26709), (431, 26754), (437, 26769), (478, 26850), (488, 26868), (489, 26871), (491, 26874), (504, 26901), (597, 26925), (625, 26970), (644, 27012), (664, 27054),

Gene: Zilizebeth_27 Start: 24052, Stop: 25218, Start Num: 110

Candidate Starts for Zilizebeth_27:

(Start: 110 @24052 has 51 MA's), (134, 24109), (178, 24196), (207, 24241), (Start: 209 @24244 has 127 MA's), (249, 24316), (264, 24337), (300, 24421), (327, 24460), (354, 24526), (365, 24556), (379, 24577), (397, 24622), (434, 24718), (447, 24757), (461, 24772), (465, 24784), (477, 24811), (517, 24898), (524, 24916), (531, 24922), (571, 24970), (588, 24991), (621, 25063), (651, 25138),

Gene: Zimmer_13 Start: 8022, Stop: 8996, Start Num: 175

Candidate Starts for Zimmer_13:

(Start: 175 @8022 has 331 MA's), (Start: 203 @8076 has 2 MA's), (245, 8136), (282, 8196), (355, 8322), (358, 8334), (363, 8343), (389, 8397), (398, 8412), (430, 8481), (439, 8505), (441, 8511), (444, 8520), (479, 8607), (502, 8649), (552, 8748), (571, 8811), (605, 8874), (618, 8892), (637, 8943),

Gene: Zizzle_31 Start: 27641, Stop: 28642, Start Num: 164

Candidate Starts for Zizzle_31:

(Start: 164 @27641 has 214 MA's), (Start: 175 @27662 has 331 MA's), (182, 27674), (Start: 203 @27716 has 2 MA's), (243, 27779), (254, 27800), (271, 27830), (Start: 297 @27884 has 1 MA's), (Start: 313 @27908 has 1 MA's), (331, 27923), (339, 27935), (389, 28046), (440, 28160), (446, 28178), (464, 28217), (474, 28241), (487, 28277), (502, 28304), (521, 28343), (552, 28391), (570, 28451), (603, 28511), (630, 28568), (644, 28598),

Gene: ZoMa_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for ZoMa_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: ZoeJ_29 Start: 24755, Stop: 25963, Start Num: 105

Candidate Starts for ZoeJ_29:

(95, 24713), (Start: 105 @24755 has 11 MA's), (115, 24782), (122, 24797), (139, 24839), (150, 24860), (Start: 164 @24887 has 214 MA's), (217, 24983), (Start: 238 @25016 has 1 MA's), (240, 25019), (255, 25049), (288, 25115), (307, 25154), (351, 25232), (375, 25277), (407, 25352), (436, 25424), (478, 25517), (489, 25538), (498, 25559), (557, 25670), (561, 25685), (593, 25754), (625, 25811), (657, 25892),

Gene: Zombie_28 Start: 25201, Stop: 26409, Start Num: 96

Candidate Starts for Zombie_28:

(72, 25108), (Start: 96 @25201 has 92 MA's), (168, 25375), (211, 25447), (273, 25546), (278, 25555), (288, 25579), (293, 25588), (300, 25612), (310, 25633), (327, 25660), (334, 25672), (361, 25744), (381, 25783), (461, 25972), (470, 25996), (477, 26011), (483, 26032), (504, 26077), (506, 26080), (541, 26131),

Gene: Zonia_49 Start: 41721, Stop: 43076, Start Num: 89

Candidate Starts for Zonia_49:

(Start: 89 @41721 has 280 MA's), (Start: 105 @41772 has 11 MA's), (119, 41805), (185, 41934), (186, 41937), (194, 41952), (249, 42048), (273, 42087), (287, 42117), (300, 42153), (354, 42264), (365, 42294), (367, 42297), (397, 42363), (457, 42522), (477, 42570), (481, 42588), (504, 42636), (566, 42780), (588, 42840), (628, 42945), (671, 43032),

Gene: ZygoTaiga_249 Start: 146185, Stop: 147213, Start Num: 158

Candidate Starts for ZygoTaiga_249:

(Start: 158 @146185 has 220 MA's), (Start: 175 @146215 has 331 MA's), (182, 146227), (Start: 203 @146269 has 2 MA's), (243, 146332), (254, 146353), (Start: 297 @146437 has 1 MA's), (331, 146479), (339, 146491), (346, 146506), (378, 146575), (389, 146602), (414, 146656), (427, 146701), (428, 146704), (460, 146782), (468, 146803), (521, 146914), (565, 147004), (570, 147022), (611, 147094), (625, 147127),

Gene: xkcd_36 Start: 32027, Stop: 32884, Start Num: 209

Candidate Starts for xkcd_36:

(Start: 209 @32027 has 127 MA's), (229, 32066), (244, 32096), (255, 32117), (274, 32153), (288, 32183), (327, 32258), (352, 32306), (355, 32309), (365, 32333), (367, 32336), (378, 32351), (443, 32522), (488, 32621), (494, 32636), (501, 32651), (504, 32657), (582, 32699), (584, 32702), (612, 32756), (646, 32834), (662, 32867),