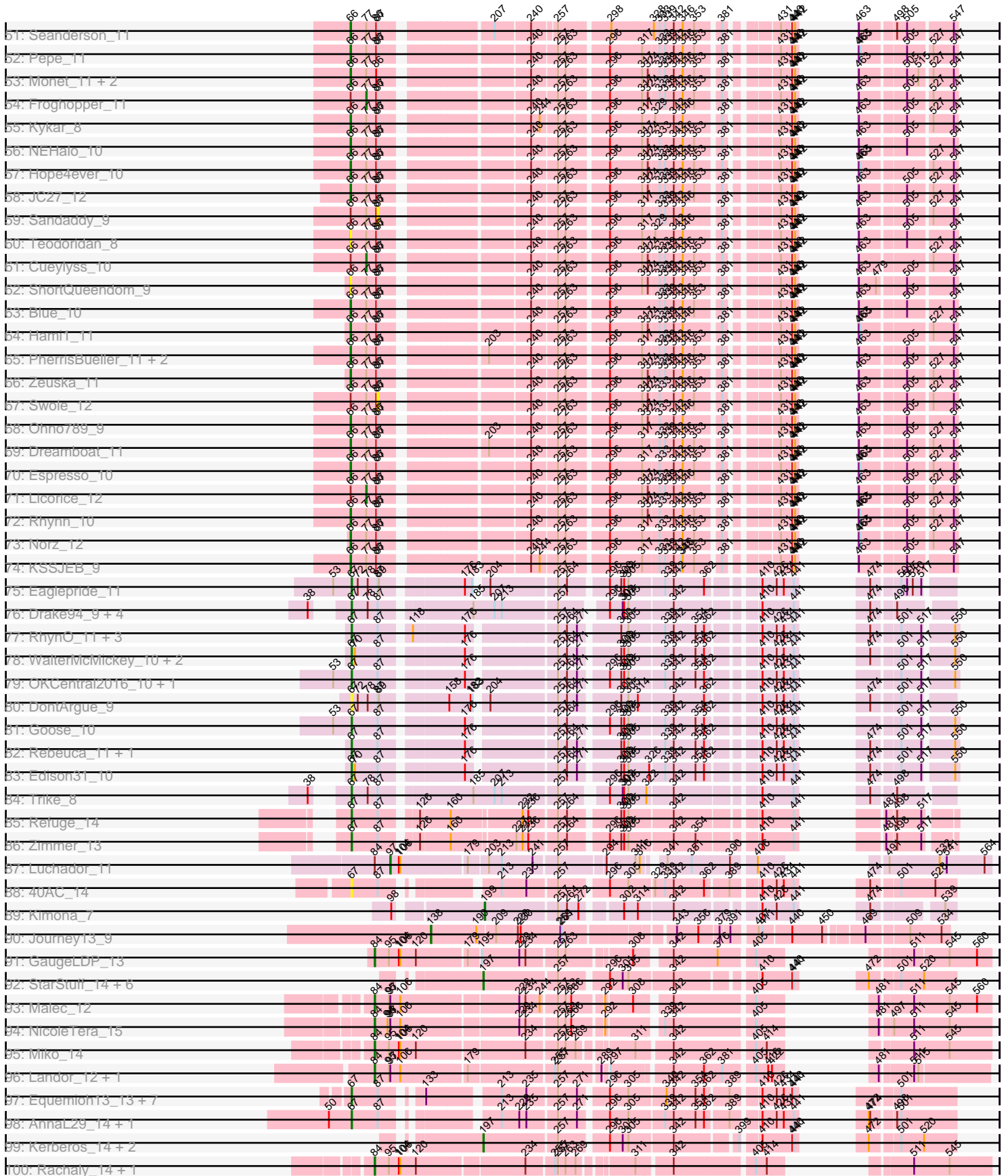


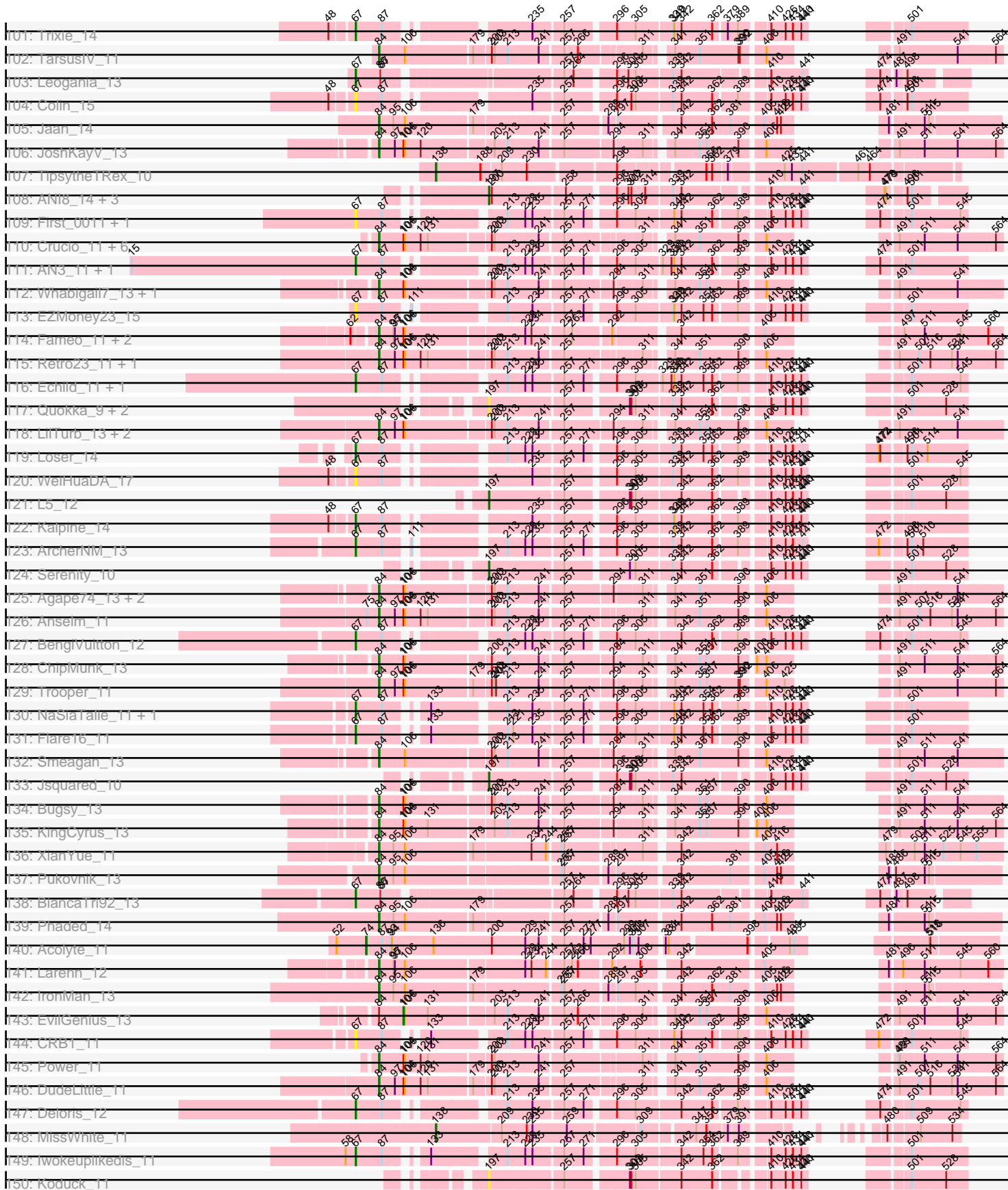
Pham 196150

1: Lotion_11 + 45	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
2: Molly_11 + 10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
3: Francis47_10	♂	1♂	200		240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
4: Euphonia_10 + 1	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
5: RidgeCB_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
6: Thor_10 + 18	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
7: Agallana_10 + 7	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
8: Switzer_10 + 3	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
9: Alvin_11 + 25	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
10: Maroc7_9 + 5	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
11: Dulcie_9	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
12: Makemake_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
13: IgnatiusPatJac_9 + 2	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
14: Fushigi_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
15: Aeneas_12 + 2	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
16: Topgun_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
17: Bethlehem_10 + 3	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
18: TheIoniousMonk_11 + 1	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
19: Ringer_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
20: Perseus_11 + 9	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
21: Arto_9	♂	1♂	200		240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
22: STLscum_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
23: Lamina13_10 + 3	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
24: Squee_10 + 2	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
25: Nerujay_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
26: Jerm2_10 + 2	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
27: Rohl_11	♂	1♂	200		240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
28: QTRifleChris_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
29: BaconJack_12	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
30: Bruns_8 + 1	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
31: HermioneGrange_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
32: ProMouse_9	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
33: Marsha_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
34: Smeagol_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
35: Hermia_12	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
36: Magnar_10 + 1	♂	1♂	200		240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
37: A6_08 + 1	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
38: HanShotFirst_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
39: Marchy_9	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
40: LIB1b_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
41: Target_11	♂	1♂	201		240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
42: HarryOw_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
43: Tmp13_11	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
44: Atkinoua_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
45: Killigrew_8	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
46: SarFire_10	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
47: Peterson_13	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
48: Kenmech_12	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
49: PapeZ_12	♂	1♂	200		240	296	311	330	331	332	333	334	335	336	381	481	483	506	547
50: Lesedi_9	♂	1♂			240	296	311	330	331	332	333	334	335	336	381	481	483	506	547

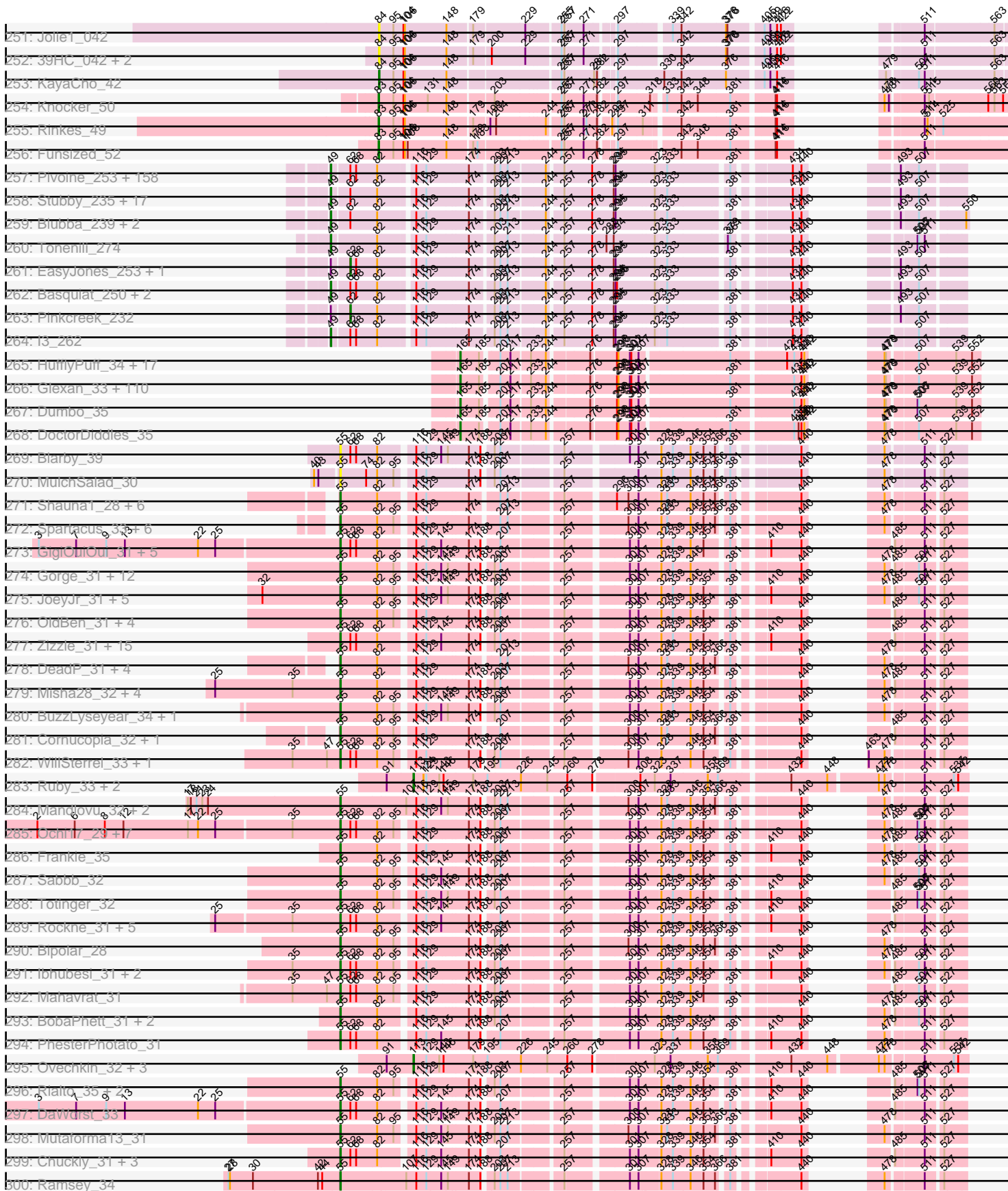
Pham 196150



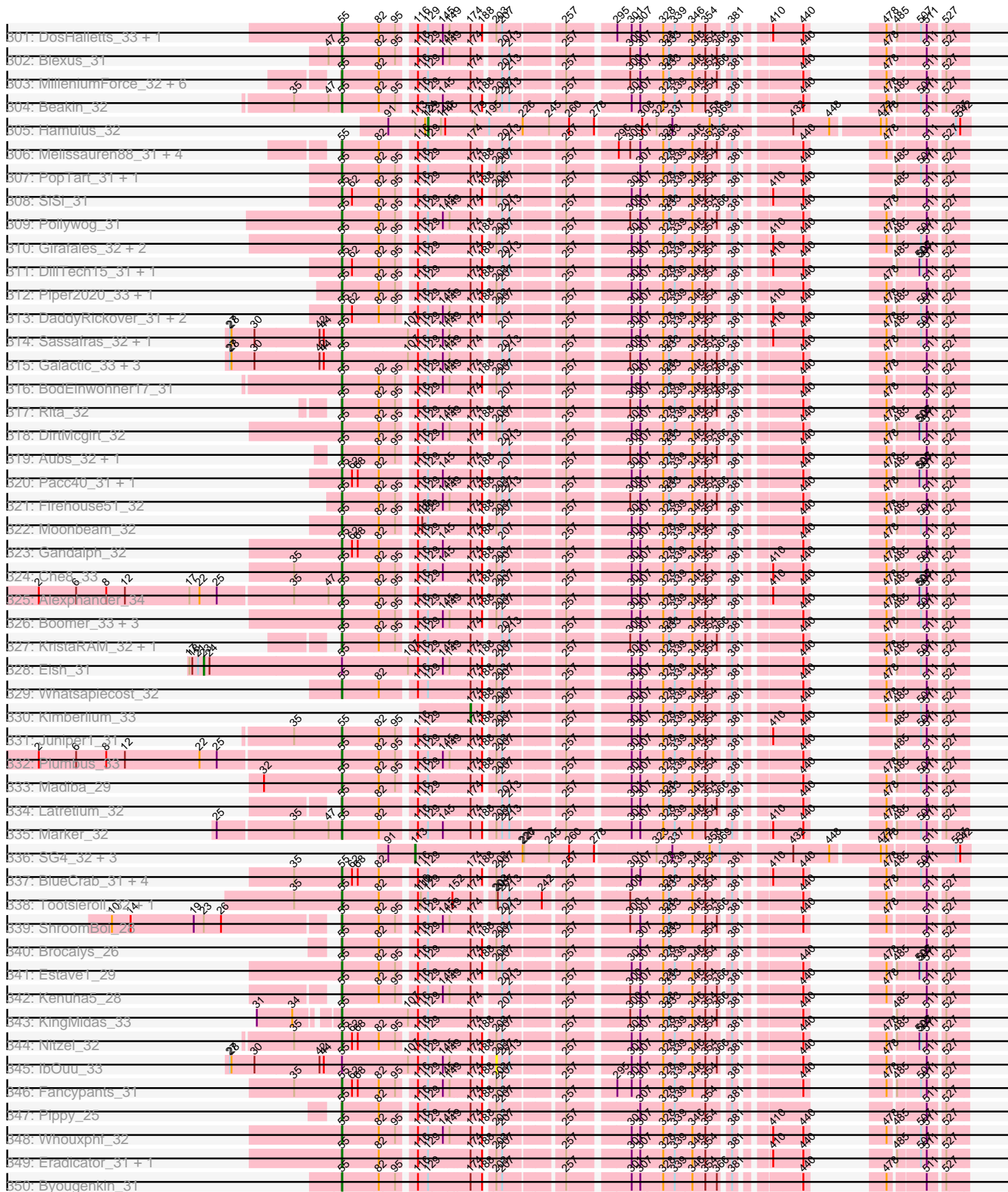
Pham 196150



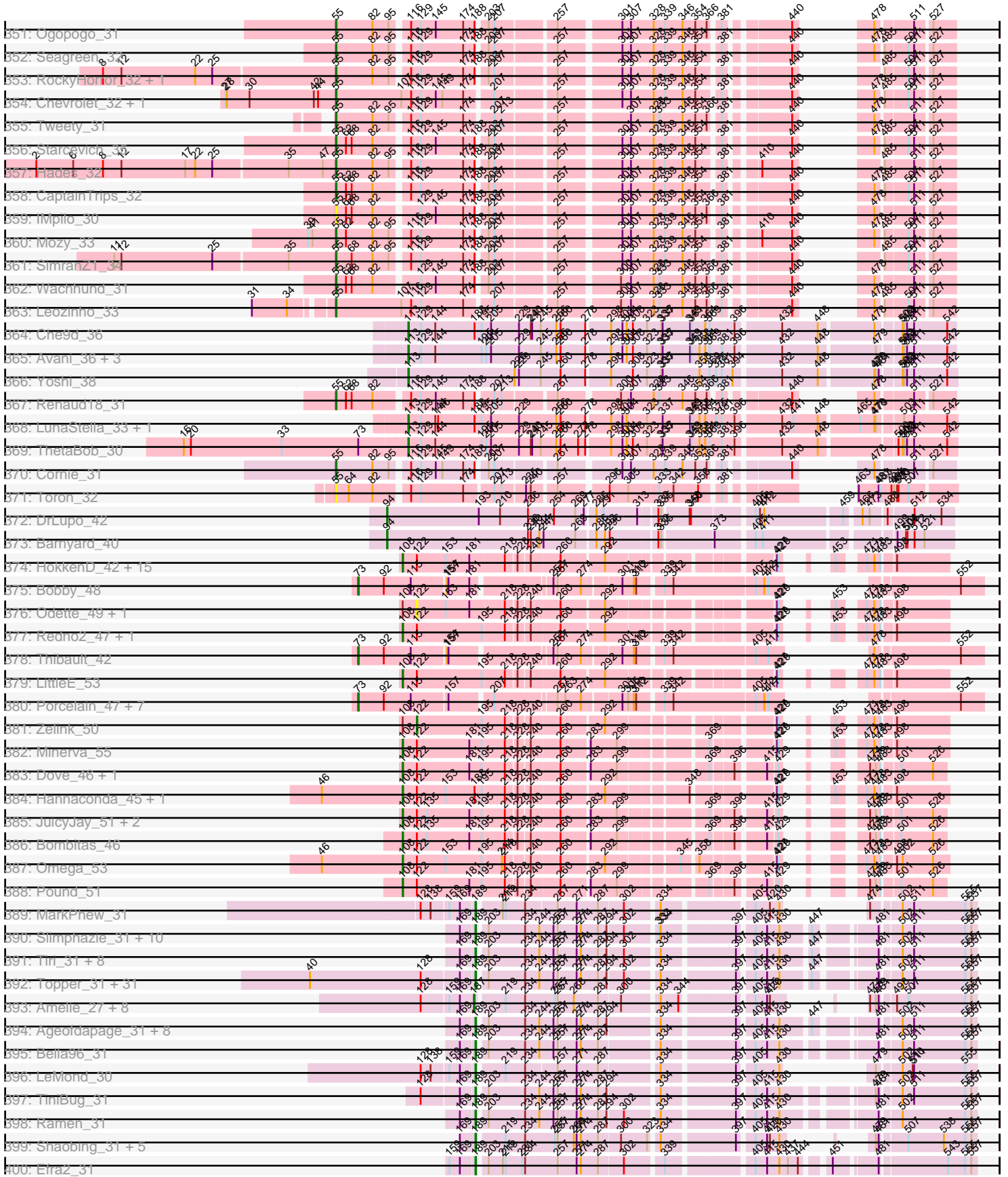
Pham 196150



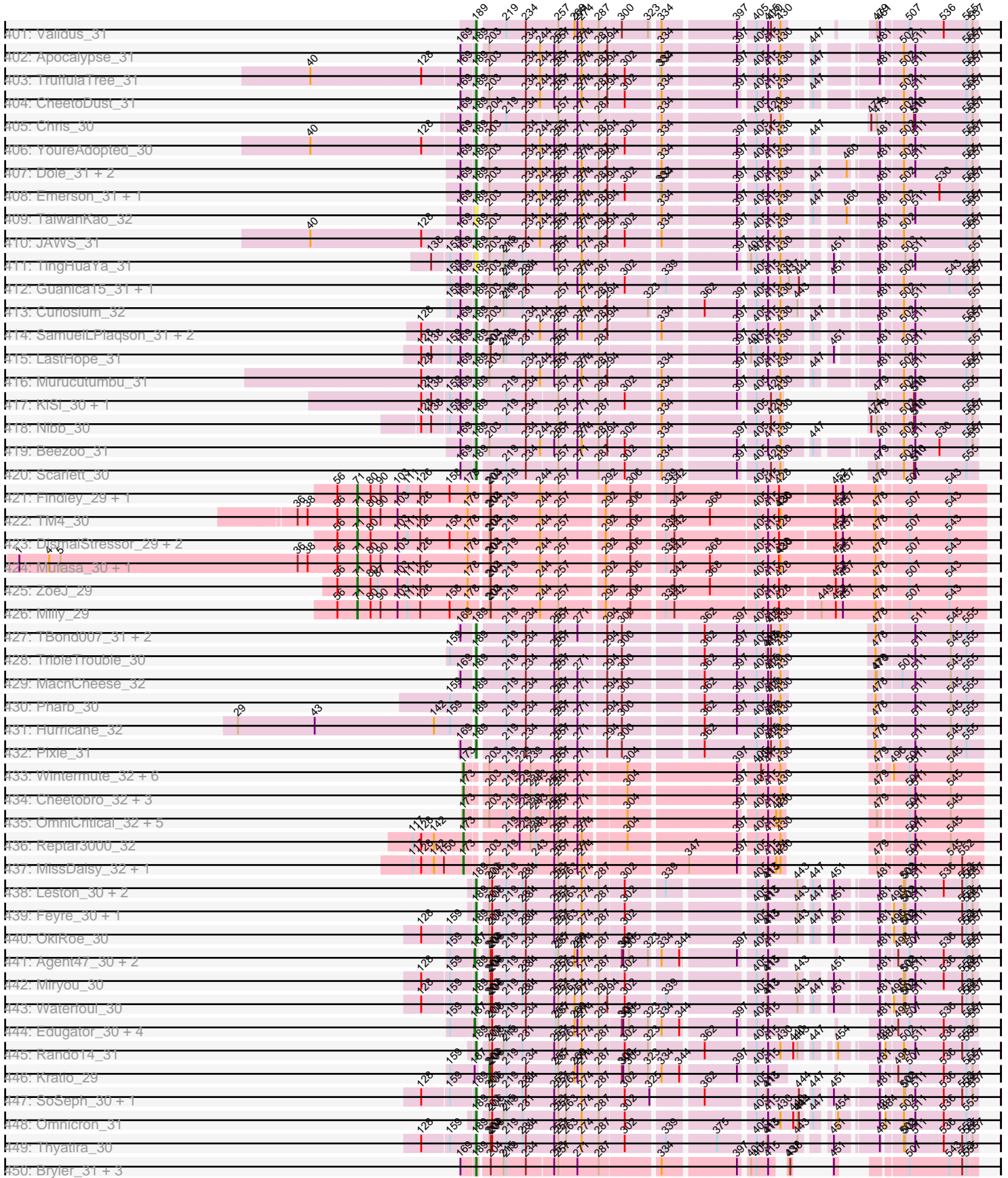
Pham 196150



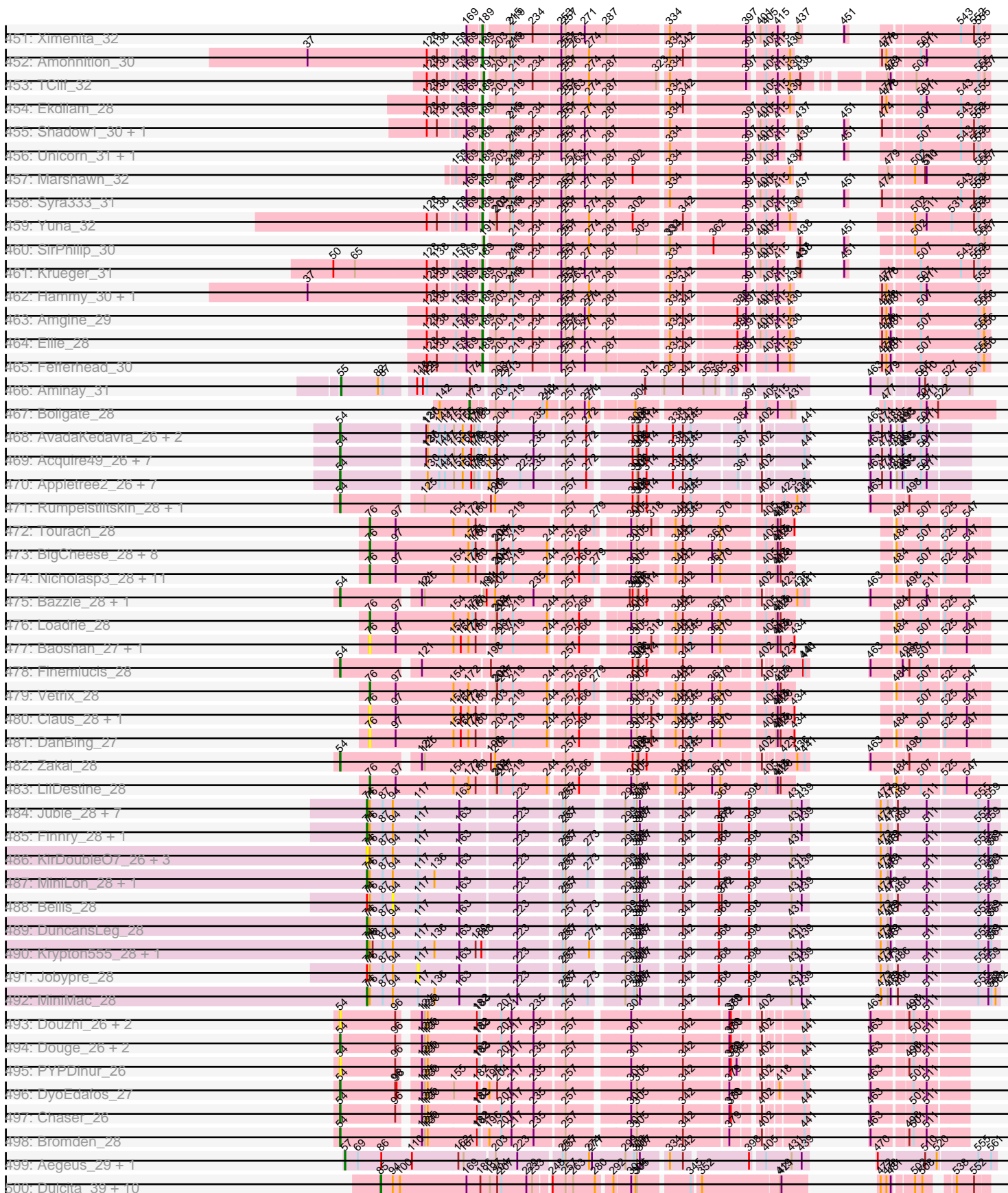
Pham 196150



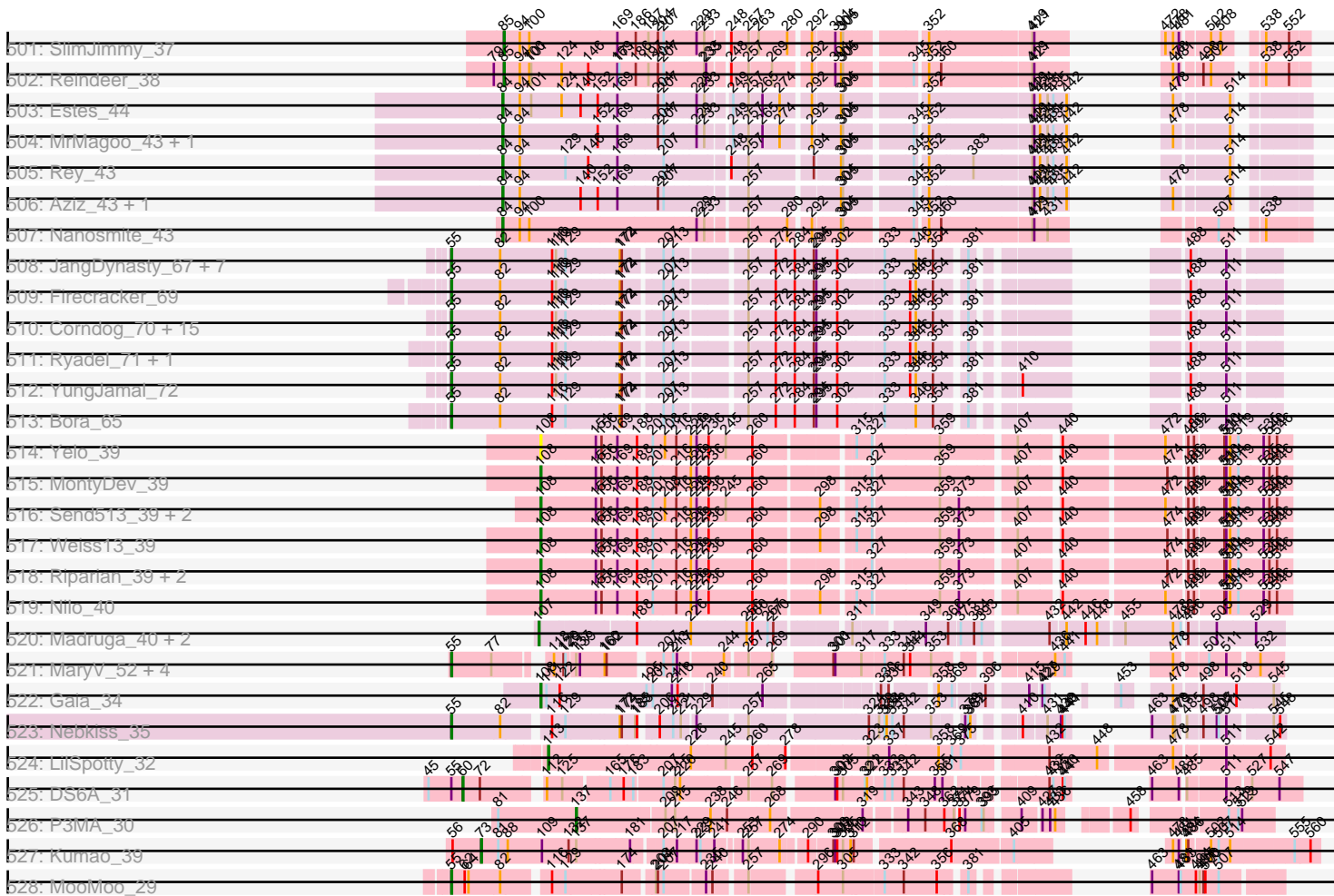
Pham 196150



Pham 196150



Pham 196150



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 196150 Report

This analysis was run 12/09/24 on database version 580.

Pham number 196150 has 1697 members, 121 are drafts.

Phages represented in each track:

- Track 1 : Lopton_11, Acme_11, BigPaolini_11, Parliament_9, Magnito_9, Scowl_11, Lockley_10, Fajezeel_11, PinkPlastic_8, Sagefire_11, Pari_11, BigMau_11, Violet_9, Slagathor_10, Smairt_11, Sanya_9, KyMonks1A_12, Ashballer_8, Bob3_9, StewieG_9, Museum_11, Pippin_11, Arcanine_10, Abrogate_110, Rubeus_10, Sibs6_11, Rajelicia_9, Anglerfish_10, MaryBeth_10, PattyP_11, Ruotula_9, Wilkins_10, Niza_11, DD5_11, KBG_11, Greg_11, Wheeler_10, MetalQZJ_10, MPlant7149_9, Corvo_10, Burton_10, Bones_10, Oogway_9, Chanagan_9, Homines_10, AFIS_10
- Track 2 : Molly_11, Pita2_12, Tote_12, Paraselene_9, JuliaChild_12, Marge_10, Bxb1_9, Barriga_10, PSullivan_12, BPBiebs31_11, Bigfoot_9
- Track 3 : Francis47_10
- Track 4 : Euphoria_10, MrGordo_10
- Track 5 : RidgeCB_10
- Track 6 : Thor_10, JackSparrow_10, Pelly_11, Mryolo_9, Applejack_10, Bircsak_10, Sunshine924_9, Seabiscuit_11, Altman_11, Gompeii16_10, PascalRango_9, Kanely_11, Dynamix_10, ConceptII_10, Manatee_10, ILeeKay_12, Pinto_12, McGuire_10, Trouble_10
- Track 7 : Agaliana_10, Ajay_10, PacerPaul_10, Watermelon_12, Sorpresa_10, Graduation_12, Payneful_10, Adahisdi_11
- Track 8 : Switzer_10, U2_9, GMonster_9, BillKnuckles_11
- Track 9 : Alvin_11, Doom_10, Petruccio_10, Crispicous1_9, Paphu_9, Abbysshoes_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, Snazzy_8, Big3_10, BeesKnees_10
- Track 10 : Maroc7_9, Eyeball_10, CactusRose_9, Fascinus_9, Ciao_10, Marcell_10
- Track 11 : Dulcie_9
- Track 12 : Makemake_10
- Track 13 : IgnatiusPatJac_9, Buttons_11, BluSpix_10
- Track 14 : Fushigi_10
- Track 15 : Aeneas_12, Mule_10, PhrostyMug_10
- Track 16 : Topgun_10
- Track 17 : Bethlehem_10, Briton15_11, DreamCatcher_11, Ichabod_10
- Track 18 : TheloniousMonk_11, Gwendoluna_11
- Track 19 : Ringer_10
- Track 20 : Perseus_11, Forsytheast_9, Mkhuseli_9, Zephyr_10, Petp2012_12, Moose_9, DrFeelGood_9, Tasp14_11, SwissCheese_10, Dexes_11

- Track 21 : Arlo_9
- Track 22 : STLscum_11
- Track 23 : Lamina13_10, Bexan_9, StrongArm_9, Beatrix_9
- Track 24 : Squee_10, Naira_10, Fenn_10
- Track 25 : Nerujay_11
- Track 26 : Jerm2_10, Rufus_10, Nhonho_10
- Track 27 : Rohr_11
- Track 28 : QTRlifeCrisis_10
- Track 29 : BaconJack_12
- Track 30 : Bruns_8, Alsfro_14
- Track 31 : HermioneGrange_11
- Track 32 : ProMouse_9
- Track 33 : Marsha_10
- Track 34 : Smeagol_11
- Track 35 : Hermia_12
- Track 36 : Magnar_10, GrecoEtereo_11
- Track 37 : A6_08, BK1_08
- Track 38 : HanShotFirst_10
- Track 39 : Marchy_9
- Track 40 : LilBib_11
- Track 41 : Target_11
- Track 42 : HarryOW_11
- Track 43 : Tripl3t_11
- Track 44 : Atkinbua_10
- Track 45 : Killigrew_8
- Track 46 : SarFire_10
- Track 47 : Peterson_13
- Track 48 : Kenmech_12
- Track 49 : Papez_12
- Track 50 : Lesedi_9
- Track 51 : Seanderson_11
- Track 52 : Pepe_11
- Track 53 : Monet_11, Edtherson_11, Treddle_11
- Track 54 : Frogopper_11
- Track 55 : Kykar_8
- Track 56 : NEHalo_10
- Track 57 : Hope4ever_10
- Track 58 : JC27_12
- Track 59 : Sandaddy_9
- Track 60 : Teodoridan_8
- Track 61 : Cueylyss_10
- Track 62 : ShortQueendom_9
- Track 63 : Blue_10
- Track 64 : Hami1_11
- Track 65 : PherrisBueller_11, Rutherferd_11, Jorgensen_10
- Track 66 : Zeuska_11
- Track 67 : Swole_12
- Track 68 : Ohno789_9
- Track 69 : Dreamboat_11
- Track 70 : Espresso_10
- Track 71 : Licorice_12
- Track 72 : Rhynn_10
- Track 73 : Norz_12

- Track 74 : KSSJEB_9
- Track 75 : Eaglepride_11
- Track 76 : Drake94_9, KittenMittens_9, Severus_9, Poompha_9, PeaceMeal1_9
- Track 77 : RhynO_11, Shapes_13, DustyMartin_13, Rowdy_13
- Track 78 : WalterMcMickey_10, Topanga_10, Twister_10
- Track 79 : OKCentral2016_10, Chupacabra_10
- Track 80 : DontArgue_9
- Track 81 : Goose_10
- Track 82 : Rebeuca_11, Kristoff_11
- Track 83 : Edison31_10
- Track 84 : Trike_8
- Track 85 : Refuge_14
- Track 86 : Zimmer_13
- Track 87 : Luchador_11
- Track 88 : 40AC_14
- Track 89 : Kimona_7
- Track 90 : Journey13_9
- Track 91 : GaugeLDP_13
- Track 92 : StarStuff_14, D32_14, Pomar16_14, D29_12, Travvers_14, Naji_14, Tomathan_14
- Track 93 : Malec_12
- Track 94 : NicoleTera_15
- Track 95 : Miko_14
- Track 96 : Landor_12, Bactobuster_12
- Track 97 : Equemioh13_13, Drake55_13, Piro94_12, WideWale_13, Centaur_13, Updawg_13, HarryHoudini_13, Baehexic_12
- Track 98 : AnnaL29_14, RedRock_14
- Track 99 : Kerberos_14, Duplo_14, DBQu4n_14
- Track 100 : Rachaly_14, Lokk_14
- Track 101 : Trixie_14
- Track 102 : TarsusIV_11
- Track 103 : Leogania_13
- Track 104 : Colin_15
- Track 105 : Jaan_14
- Track 106 : JoshKayV_13
- Track 107 : TopsytheTRex_10
- Track 108 : ANI8_14, C3_09, AN9_14, VC3_14
- Track 109 : First_0011, 20ES_11
- Track 110 : Crucio_11, QueenBeesly_11, FiringLine_11, SemperFi_13, Georgie2_12, SweetiePie_11, SnapTap_11
- Track 111 : AN3_11, VA6_11
- Track 112 : Whabigail7_13, Dignity_13
- Track 113 : EZMoney23_15
- Track 114 : Fameo_11, QueenB2_11, Heffalump_13
- Track 115 : Retro23_11, Dalmatian_11
- Track 116 : Echild_11, Benvolio_11
- Track 117 : Quokka_9, MajorMajor_10, Bradman_10
- Track 118 : LiITurb_13, Jerm_13, Turbido_13
- Track 119 : Loser_14
- Track 120 : WeiHuaDA_17
- Track 121 : L5_12
- Track 122 : Kalpine_14
- Track 123 : ArcherNM_13

- Track 124 : Serenity_10
- Track 125 : Agape74_13, Leviathan_13, AbbyPaige_13
- Track 126 : Anselm_11
- Track 127 : BengiVuitton_12
- Track 128 : ChipMunk_13
- Track 129 : Trooper_11
- Track 130 : NaSiaTalie_11, MiculUcigas_11
- Track 131 : Flare16_11
- Track 132 : Smeagan_13
- Track 133 : Jsquared_10
- Track 134 : Buggy_13
- Track 135 : KingCyrus_13
- Track 136 : XianYue_11
- Track 137 : Pukovnik_13
- Track 138 : BiancaTri92_13
- Track 139 : Phaded_14
- Track 140 : Acolyte_11
- Track 141 : Larenn_12
- Track 142 : IronMan_13
- Track 143 : EvilGenius_13
- Track 144 : CRB1_11
- Track 145 : Power_11
- Track 146 : DudeLittle_11
- Track 147 : Deloris_12
- Track 148 : MissWhite_11
- Track 149 : Iwokeuplikedis_11
- Track 150 : Koduck_11
- Track 151 : Changeling_14
- Track 152 : LadyBird_11
- Track 153 : BabyBack_13
- Track 154 : BobSwaget_14
- Track 155 : NothingSpecial_13
- Track 156 : Kinmap_10
- Track 157 : Grub_12, Microwolf_12, Stagni_12, PGHhamlin_14, Mainiac_12, EpicPhail_12, MuchMore_14, BreSam8_12, Beauxregard13_12, Malinsilva_14, Lilith_12, Pembroke_12, Snickers_12, Louie6_12, Tiffany_12, HashRod_13, Vix_12, LBerry_12, Grum1_12, StepMih_12, LarryKay_12, DaHudson_12, GtownJaz_12, SoYo_12, Watson_12, Aglet_12, AgronaGT15_12, Dieselweasel_12, Wooldri_14, PotatoSplit_13, MadMarie_12, Colbster_12, Penny1_12, Jobu08_12, Spike509_12, Grif_12, Phoxy_12, Methuselah_12, SoilDragon_12, Farber_12, Soshari_14, Sabia_12, Bxz2_12, AugsMagnumOpus_14, Rummer_12
- Track 158 : Gemma_12, HaveUMetTed_13, Manu_13, Groupthink_13, Phranny_13, Calvinny_13, Kalb97_13, OlanP_12, PhishRPhriends_11, Heliosoles_12, Pawn_13, PurpleHaze_12, Reba_13, Kalnoky_13, ACFishhook_12, Marius_13
- Track 159 : Texage_10, Pocahontas_11, Caviar_11, Veracruz_10, QuinnKiro_10, ResDef_11, Norbert_10, Todacoro_11, Noella_11, Lambert1_11, Margo_11, Popcicle_11, Hookmount_11
- Track 160 : KADY_13, Misomonster_14, BuzzBuzz_11
- Track 161 : Heathen_10, Kachowdy_10, HelDan_10, Scout_10
- Track 162 : GingkoMaracino_12, Anubis_14
- Track 163 : Rockstar_10
- Track 164 : Marie_12, LugYA_14, JenCasNa_12, JHC117_12, MoneyMay_12, Sabinator_12, MarQuardt_12, P28Green_12, Taurus_12, Cullens_12, Phoebe_12,

Fernando_12, Hercules11_12

- Track 165 : Panamaxus_11
- Track 166 : Zetzy_11
- Track 167 : DropBear_10, Marchesa_10
- Track 168 : BabyJohn_9, Chiqui_9
- Track 169 : Giroux_10, TNguyen7_10, BlueBird_11, Puppy_11, Idleandcovert_10, Bugatti_10, Pistachio_11, SaturnRing_10
- Track 170 : JF4_10, JF2_10, MK4_10, B1_08
- Track 171 : Daishi_11
- Track 172 : BabyRay_10
- Track 173 : Isca_10
- Track 174 : JeppNRM_13
- Track 175 : Ollie_12
- Track 176 : Fred313_10
- Track 177 : Phantastic_10
- Track 178 : MA5_10
- Track 179 : BubbleTrouble_10, Chaph_10, Citius_10, Dhanush_10, Bartimeaus_10, Palestino_10, JoongJeon_10, Sabertooth_10, Eros_10, Scamp_10, Baby16_10, Cocoaberry_10, Maverick_10, Florean_10, Happiness_10, Clarenza_10, Sparxx_10, PeterPeter_10, Maxo_10, Druantia_10, Kampy_10, Spino_10, Roosevelt_10, Connomayer_10, KFPoly_10, Phacado_10, Shaka_10, Wizard007_10, Gadost_10, NotAPhaseMom_10, Blackmoor_10, OKaNui_10, Phelipe_10, Alberto7_11, Lorenzo_10, CentreCat_10, TinaFeyge_10, Jaykayelowell_10, LittleB_10, Wander_10, TroyPia_10, Iceman_10, Eapen_10, Bruiser_10, Houdini22_10, Mazhar510_10, Abdiel_10, Caelakin_10
- Track 180 : HamSlice_9, MeeZee_10, Flux_10, Burger_9, ICleared_10, Pipcraft_10, Peaches_10, Eagle_9, Medusa_10, Avle17_10
- Track 181 : Noelle_10
- Track 182 : Miramae_10
- Track 183 : Nebs_10, Polymorphads_10, Ohfah_10, LeoAvram_10, Morrow_10
- Track 184 : Datway_10
- Track 185 : PetiteSangsue_10, Perplexer_10, Morpher26_10
- Track 186 : Katalie136_10, Wile_10, Backyardigan_10, Bumblebee11_10
- Track 187 : TygerBlood_10, Thanksgivukkah_10, Skipitt_10, Funston_10, Commander_10, Eris_10, Taquarus_10, Annyong_10, Albee_10, Bombshell_10, Kingmustik0402_10, Millski_10
- Track 188 : Obama12_10, SheldonCooper_10, Tinybot_9, Cerulean_10, Rosa24_9, ChampagnePapi_10, LHTSCC_10, BangNhom_9
- Track 189 : LappelDuVide_10
- Track 190 : NorthStar_10, Ruin_10, Broseidon_10, Romney_10, Relief_10, Koreni_9, TiroTheta9_10, Wilbur_10
- Track 191 : BellusTerra_10
- Track 192 : Deano_10
- Track 193 : Nyxis_10, LittleGuy_10, Phontbonne_10
- Track 194 : Ulysses_9, Pumbaa_10
- Track 195 : Cici_10, Xena_10, Badger_10, Achebe_10
- Track 196 : Arturo_9, JetBlade_10
- Track 197 : YoSam321_10
- Track 198 : AbbysRanger_10
- Track 199 : Kratark_10
- Track 200 : Nemo27_10
- Track 201 : Kremtemulon_10, Cintron_10
- Track 202 : Huxley_10

- Track 203 : Eurydice_10
- Track 204 : Melvin_10
- Track 205 : Stink_10
- Track 206 : Cindaradix_9
- Track 207 : Shygu2_10
- Track 208 : Mundrea_10
- Track 209 : Camperdownii_9
- Track 210 : Phighter1804_10, Iracema64_10
- Track 211 : DirtyDunning_10
- Track 212 : Kyee_10, Lunsford_11, Lemur_10
- Track 213 : Stasia_11
- Track 214 : LochMonster_10
- Track 215 : AvatarAhPeg_10
- Track 216 : Holli_10
- Track 217 : Tiger_8, PickleBack_8, Conspiracy_8, ForGetIt_8, Archetta_8, Lev2_8, Phlorence_8
- Track 218 : Airmid_8, EITiger69_8, Benedict_8
- Track 219 : Micasa_8, George_7, Twigg_8, Milcery_8, Cuco_8, Bonamassa_8, HuhtaEnerson15_8, Tarynearal_7, LittleCherry_8, Swirley_8
- Track 220 : Midas2_8, Dublin_7, Coog_8, MarysWell_7, Theia_7
- Track 221 : Chadwick_9, Scorpio_9, PetterN_9
- Track 222 : UnionJack_8
- Track 223 : Naca_8
- Track 224 : Jabiru_8
- Track 225 : Discoknowium_8, Bluefalcon_7, Jovo_8, Aragog_8
- Track 226 : Ghoulboy_8, SydNat_8, Zolita_7
- Track 227 : AgentM_8
- Track 228 : PP_20
- Track 229 : Timshel_11
- Track 230 : Sheen_12, FlyCatcher_14, Toro_13
- Track 231 : DroogsArmy_11
- Track 232 : HINdeR_10
- Track 233 : Smeadley_8, Astro_8, Expelliarmus_7, Danforth_7, Phillis_8, Groundhog_7
- Track 234 : Stephig9_8, Dixon_8
- Track 235 : Roary_8
- Track 236 : Saintus_8
- Track 237 : NearlyHeadless_8
- Track 238 : NoShow_27
- Track 239 : Indulamithi_36
- Track 240 : Leopard_46
- Track 241 : Aikoy_46, Onyinye_47
- Track 242 : Nergal_27
- Track 243 : MalagasyRose_31
- Track 244 : Imvubu_41
- Track 245 : LilMcDreamy_46
- Track 246 : Hashim76_52
- Track 247 : BirdsNest_51
- Track 248 : Zenteno07_53
- Track 249 : Phlyer_47, LestyG_47, Baloo_47, Athena_48, GlenHope_48, Audrey_47, Rita1961_47, Corofin_47, Kamiyu_47, Bernardo_48, Pipefish_49, Briakila_48, Obutu_47, Chandler_47, Gadjet_48, Yinz_47

- Track 250 : Ben11_46, HarveySr_47, Marley1013_47, Tydolla_47, RagingRooster_47, SlippinJimmy_47, Kronus_46, Yahalom_47, Daisy_47, Heathcliff_47, Mortcellus_46, Phayeta_48, Phaedrus_45, RomaT_47, Nozo_47, OrangeOswald_47, Abinghost_47, Deenasa_47, SynergyX_47, MmasiCarm_47, Jackstina_44, Neos5_47, Akoma_47, Gervas_47, Philly_46, Morty007_47, Casbah_46, Compostia_48, Halfpint_46, Devonte_47, ChaChing_47
- Track 251 : Jolie1_042
- Track 252 : 39HC_042, Hosp_040, 40BC_042
- Track 253 : KayaCho_42
- Track 254 : Knocker_50
- Track 255 : Rinkes_49
- Track 256 : Funsized_52
- Track 257 : Pivoine_253, EmmaElysia_257, Naija_253, LolaVinca_248, Yucca_253, Rabinovish_245, NoodleTree_248, Littleton_256, JPickles_250, Issimir_246, TinyTim_251, Babyland_255, BigCity_260, Cactojaque_247, Spud_244, StubbySaigey_259, ValleyTerrace_253, Ewok_251, IkeLoa_246, Tainan_252, Blackbrain_251, LRRHood_244, Mikro_246, JigglyPuff_258, Capablanca_257, Megamind_249, LordLeafolot_254, Zalkecks_251, Tyke_249, Koguma_251, FrayBell_255, YoungMoneyMata_252, Breeniome_252, Patter_254, Kamryn_251, Napoleon13_249, Bread_249, Turret_243, Ava3_249, Salacia_254, Essence_250, Willis_253, ScottMcG_244, Catera_241, ArcherS7_253, RoMag_247, Nappy_251, DirtMonster_241, FudgeTart_248, SrishMeg2525_250, BeanWater_245, ZygoTaiga_249, Tortoise16_250, Domi_246, Bipolarisk_250, SmallFry_253, McWolfish_249, SilverDipper_257, Drazdys_249, Melpomini_247, Loanshark_249, Audrick_255, Burrough_253, DrPhinkDaddy_249, Zeenon_253, Norm_252, Daffodil_258, Ngannou_247, Lee7_253, Phox_253, Ghost_252, Roots515_255, ChickenPhender_248, Specks_257, BackyardAgain_247, Halldule_244, Dietrick_241, Asterius_249, Khaleesi_251, Kboogie_256, Pio_259, Gizmo_258, Jessibeth14_252, ParkTD_251, Naval22_257, Dandelion_258, Wally_250, BadAgartude_246, Matsumoto_250, JustHall_246, Teardrop_251, Gamgam_254, Mangeria_252, Phusco_251, Jaygup_249, Amataga_253, Iota_249, Janiyra_256, InterFolia_254, Bxz1_238, Lukilu_241, Darko_252, Delylah_254, Sauce_249, Astraea_248, Concombre_258, Fludd_252, Maby2021_253, Shrimp_255, Rizal_241, EmToTheThree_253, Pleione_256, Pier_251, Spec_246, Atlantean_252, MoMoMixon_248, Shnickers_251, Trinitium_249, MikeLiesIn_253, InigoMontoya_256, FoxtrotP1_251, McGee_254, Grungle_234, Demodog_260, ShiaLabeouf_250, Momo_254, QBert_244, Jedediah_254, Sprinklers_250, Bigswole_257, Adlitam_252, Derek_248, Guwapp_248, BananaFence_250, Ading_255, Quasimodo_255, EggyFarm_260, StephanieG_246, DTDevon_253, CindyLou_253, Latch_252, NedWong_251, ChaylaJr_251, Phlegm_257, Delilah_250, Jemmno_252, Shelob_253, Gabriel_255, Rahel_254, PurduePete_253, LifeSavor_253, Caravan_242, Grasshills_259, Bangla1971_253, Erdmann_254, Bonray_255, YemiJoy2021_253, Nidhogg_253, Chomp_251
- Track 258 : Stubby_235, JulietS_244, Cali_242, Shaqnato_243, ET08_238, Alice_238, Sebata_252, Ronan_248, ErnieJ_246, LinStu_249, Blackdragon_247, JayJay_248, CharlieB_247, Shifa_228, Yassified_248, NuevoMundo_254, Flabslab_247, HyRo_237
- Track 259 : Blubba_239, Colt_242, Cane17_241
- Track 260 : Tonenili_274
- Track 261 : EasyJones_253, Izajani_248
- Track 262 : Basquiat_250, Morizzled23_250, Chargie21_250
- Track 263 : Pinkcreek_232
- Track 264 : I3_262

- Track 265 : HufflyPuff_34, FireRed_35, Rimmer_34, Palpatine_35, Murica_34, Petra64142_37, Policronamos_36, MISSy_34, BilboSwaggins_35, PhatBacter_35, CrystalP_35, Phrux_35, Buck_34, Toto_35, Inca_34, Phaux_34, ShamWow_35, xkcd_36
- Track 266 : Glexan_33, GoldenSpark_37, Thresher_36, ChotaBhai_35, Simpliphy_36, Myrale_35, YassJohnny_36, Balomoji_34, Miniwave_35, BugsBunny_33, BadStone_34, Traaww1_33, Flypotenuse_33, Lilac_37, Barbarian_34, Amao_35, RiverMonster_35, Cjw1_35, ChosenOne_35, Willez_34, Cookies_35, NoSleep_36, Lilizi_37, Pharsalus_36, Gage_37, Kanye_37, TeardropMSU_34, 244_37, Pat3_34, Phaja_35, Nimrod_35, Daikon_34, Manda_36, Ukulele_35, GooberAzure_37, Hopey_37, Asriel_34, Kimchi_37, ShereKhan_37, Easy2Say_37, StolenFromERC_37, Mosby_34, AmericanBeauty_37, Gator_33, Elite2014_34, Henry_36, Wiggin_38, Porky_35, OrionPax_36, Maxxinista_36, Harella_34, Tarkin_37, StellaBean_35, Tomaszewski_34, Kostya_36, Elph10_36, Sassay_34, Lilpickle_34, Rakim_36, SophKB_35, Cactus_36, Adnama_38, Dusk_34, JeTaime_37, Saints25_36, Bask21_35, Qualification_36, Contagion_34, Filch_36, Sotrice96_35, Eureka_35, BigBubba_36, Bench_37, Murphy_36, IHOP_35, Misfit_35, Xandras_37, DrDrey_36, Paperbeatsrock_37, Holt_36, Nala_35, Pumpkin_37, Teaspoon_36, Highbury_36, Stark_36, Gemini_38, Moldemort_36, Emmina_36, SirDuracell_34, TBrady12_37, Icee_34, HanKaySha_36, Argent26_37, MadamMonkfish_35, Youngblood_35, Command613_36, FairyPath_35, MPhalcon_34, BaboJay_34, Stank_38, Tuco_36, Mindy_35, Hoonter_37, NelitzaMV_35, Czystoczon1_36, Terminus_35, Goldilocks_36, Goku_35, ABCat_34, Bruin_35, Marshmallow_35
- Track 267 : Dumbo_35
- Track 268 : DoctorDiddles_35
- Track 269 : Blarby_39
- Track 270 : MulchSalad_30
- Track 271 : Shauna1_28, Coco12_31, Sarma624_27, BigPhil_27, Phanphagia_28, Cerasum_27, Velveteen_27
- Track 272 : Spartacus_33, Donkeykong_31, Bubbles123_33, Hegedechwinu_32, Juice456_32, SuperGrey_32, Guppsters_33
- Track 273 : GigiOuiOui_31, Mantra_31, GUmbie_31, Phasih_32, Veteran_31, Karhdo_31
- Track 274 : Gorge_31, Sparkdehlily_31, Priscilla_31, Saal_31, Crumble_25, Radiance_31, OlympiaSaint_31, DRBy19_31, FreddyB_31, Cabrinians_31, Spoonbill_31, Philus_31, TDanisky_31
- Track 275 : JoeyJr_31, Scottish_32, Doomphist_31, Polka14_32, Poenanya_31, Daenerys_31
- Track 276 : OldBen_31, Empress_32, Dante_31, RitaG_32, Sandalphon_32
- Track 277 : Zizzle_31, Jarcob_31, Koella_25, ShowerHandel_31, LastJedi_25, Martik_31, LilMoolah_31, NormanBulbieJr_31, Yorick_31, Clifton_25, Nivrat_31, SwagPigglett_31, Maravista_31, ShiLan_31, Lizziana_31, Burwell21_31
- Track 278 : DeadP_31, Taj_31, Wee_32, Emma_33, Bobi_33
- Track 279 : Misha28_32, TootsiePop_32, ChickenDinner_33, DocMcStuffins_33, Awesomesauce_32
- Track 280 : BuzzLyseyear_34, Spikelee_33
- Track 281 : Cornucopia_32, VRedHorse_31
- Track 282 : WillSterrel_33, IrishSherpFalk_33
- Track 283 : Ruby_33, Girr_33, MisterCuddles_33
- Track 284 : Mandlovu_32, Hlubikazi_32, Strokeseat_32
- Track 285 : Ochi17_29, Llama_31, Modragons_31, Seabastian_31, Jinglebell_30, OfUltron_31, AlpineSix_32, Oksu_32

- Track 286 : Frankie_35
- Track 287 : Sabbb_32
- Track 288 : Totinge_32
- Track 289 : Rockne_31, UncleRicky_34, Drago_32, PMC_31, Phatniss_32, Llij_31
- Track 290 : Bipolar_28
- Track 291 : Ibhubesi_31, Kersh_30, Harley_31
- Track 292 : Mahavrat_31
- Track 293 : BobaPhett_31, James_31, Mattes_31
- Track 294 : PhesterPhotato_31
- Track 295 : Ovechkin_32, Soul22_36, Kingsley_30, StAnnes_30
- Track 296 : Rialto_35, LittleShirley_34, DotProduct_31
- Track 297 : DaWorst_33
- Track 298 : Mutaforma13_31
- Track 299 : Chuckly_31, Krakatau_32, Phalconet_31, XFactor_31
- Track 300 : Ramsey_34
- Track 301 : DosHalletts_33, Job42_35
- Track 302 : Blexus_31
- Track 303 : MilleniumForce_32, Ardmore_30, JalFarm20_34, Filuzino_31, Mova_32, Ms6_25, DLane_31
- Track 304 : Beakin_32
- Track 305 : Hamulus_32
- Track 306 : Melissauren88_31, Akhila_25, Batiatus_31, Fruitloop_30, MilanaBonita_25
- Track 307 : PopTart_31, SassyB_31
- Track 308 : SiSi_31
- Track 309 : Pollywog_31
- Track 310 : Girafales_32, Florinda_31, Quico_32
- Track 311 : DillTech15_31, Fastidio_33
- Track 312 : Piper2020_33, Doug_32
- Track 313 : DaddyRickover_31, Dorothy_31, RedBird_31
- Track 314 : Sassafras_32, Inventum_31
- Track 315 : Galactic_33, Flathead_31, LunaBlu_34, MinionDave_34
- Track 316 : BodEinwohner17_31
- Track 317 : Rita_32
- Track 318 : DirtMcgirt_32
- Track 319 : Aubs_32, MadMen_29
- Track 320 : Pacc40_31, Leperchaun_31
- Track 321 : Firehouse51_32
- Track 322 : Moonbeam_32
- Track 323 : Gandalph_32
- Track 324 : Che8_33
- Track 325 : Alexphander_34
- Track 326 : Boomer_33, QuickMath_32, Minnie_33, MulchExplorer_34
- Track 327 : KristaRAM_32, OwlsT2W_32
- Track 328 : Eish_31
- Track 329 : Whatsapiecost_32
- Track 330 : Kimberlium_33
- Track 331 : Juniper1_31
- Track 332 : Plumbus_33
- Track 333 : Madiba_29
- Track 334 : Latretium_32
- Track 335 : Marker_32
- Track 336 : SG4_32, Lorde_33, EleanorGeorge_32, Enby_33

- Track 337 : BlueCrab_31, Deb65_31, Geralt_31, Nimbo_31, PHappiness_31
- Track 338 : Tootsieroll_32, Stap_32
- Track 339 : ShroomBoi_28
- Track 340 : Brocalys_26
- Track 341 : Estave1_29
- Track 342 : Kenuha5_28
- Track 343 : KingMidas_33
- Track 344 : Nitzel_32
- Track 345 : IbOuu_33
- Track 346 : Fancypants_31
- Track 347 : Pippy_25
- Track 348 : Whouxphf_32
- Track 349 : Eradicator_31, Royals2015_31
- Track 350 : Byougenkin_31
- Track 351 : Ogopogo_31
- Track 352 : Seagreen_32
- Track 353 : RockyHorror_32, Zerg_31
- Track 354 : Chevrolet_32, ArcusAngelus_31
- Track 355 : Tweety_31
- Track 356 : Starcevich_35
- Track 357 : Hades_32
- Track 358 : CaptainTrips_32
- Track 359 : IMpilo_30
- Track 360 : Mozy_33
- Track 361 : SimranZ1_34
- Track 362 : Wachhund_31
- Track 363 : Leozinho_33
- Track 364 : Che9d_36
- Track 365 : Avani_36, Demsculpinboyz_36, Jabbawokkie_39, Zapner_38
- Track 366 : Yoshi_38
- Track 367 : Renaud18_31
- Track 368 : LunaStella_33, TChen_31
- Track 369 : ThetaBob_30
- Track 370 : Cornie_31
- Track 371 : Toron_32
- Track 372 : DrLupo_42
- Track 373 : Barnyard_40
- Track 374 : HokkenD_42, DmpstrDiver_50, Phoebus_48, Wanda_55, EricMillard_49, Ejimix_49, Kalah2_49, ThreeRngTarjay_47, Beem_49, Hughesyang_47, Schatzie_46, Optimus_54, Halley_49, Yeet_47, Duke13_52, BAKA_53
- Track 375 : Bobby_48
- Track 376 : Odette_49, Bagrid_48
- Track 377 : Redno2_47, Dallas_51
- Track 378 : Thibault_42
- Track 379 : LittleE_53
- Track 380 : Porcelain_47, Lucky2013_48, Ariel_48, Gonephishing_50, Squint_47, Courthouse_48, Superphikiman_48, MiaZeal_48
- Track 381 : Zelink_50
- Track 382 : Minerva_55
- Track 383 : Dove_46, Constella_41
- Track 384 : Hannaconda_45, KashFlow_42
- Track 385 : JuicyJay_51, NihilNomen_48, Klein_49

- Track 386 : Bombitas_46
- Track 387 : Omega_53
- Track 388 : Pound_51
- Track 389 : MarkPheW_31
- Track 390 : Slimphazie_31, Adephagia_31, Tachez_31, Zabiza_31, ActinUp_31, BarrelRoll_31, Veliki_31, HedwigODU_31, Atiba_31, Jayhawk_31, Rapunzel97_31
- Track 391 : Tiri_31, MeaningOfLife_31, QuincyRose_30, Ganymede_32, Geraldini_31, Pokerus_30, Adonis_31, Mynx_31, Zavala_31
- Track 392 : Topper_31, Twitch_31, Llorens_31, Homura_31, ShiaSurprise_31, Peel_31, Piatt_31, BaghaKamala_31, Jarvi_31, Hyperbowlee_31, Asayake_31, CaseJules_31, Dalmuri_31, Jeckyll_31, AlishaPH_31, Rosmarinus_31, Blizzard_31, Sulley_31, BEEST_31, Belladonna_31, Lunahalos_31, Inky_31, BGIlluviae_31, Spock_31, Padfoot_31, Joy99_31, CREW_31, Angelica_31, Durfee_31, Deby_31, Capricorn_31, Boiiii_31
- Track 393 : Amelie_27, Torres_27, Mdavu_27, Binglebops_27, Nikao_27, LilPharaoh_27, SgtBeansprout_27, Enkosi_27, Nutello_27
- Track 394 : Ageofdapage_31, Anaya_32, TreyKay_31, LaterM_31, Stinson_32, Megsy_31, Prithvi_31, CrimD_31, LindNT_31
- Track 395 : Bella96_31
- Track 396 : LeMond_30
- Track 397 : TiniBug_31
- Track 398 : Ramen_31
- Track 399 : Shaobing_31, Dartin_31, Richo_31, Peanam_31, Niklas_31, McMater_31
- Track 400 : Efra2_31
- Track 401 : Validus_31
- Track 402 : Apocalypse_31
- Track 403 : TruffulaTree_31
- Track 404 : CheetoDust_31
- Track 405 : Chris_30
- Track 406 : YoureAdopted_30
- Track 407 : Dole_31, Devera_31, Illumine_31
- Track 408 : Emerson_31, Padpat_31
- Track 409 : TaiwanKao_32
- Track 410 : JAWS_31
- Track 411 : TingHuaYa_31
- Track 412 : Guanica15_31, Yunkel11_31
- Track 413 : Curiosium_32
- Track 414 : SamuelLPlaqson_31, DrHayes_31, Urkel_31
- Track 415 : LastHope_31
- Track 416 : Murucutumbu_31
- Track 417 : KiSi_30, Oscar_30
- Track 418 : Nibb_30
- Track 419 : Beezoo_31
- Track 420 : Scarlett_30
- Track 421 : Findley_29, Strobilo_29
- Track 422 : TM4_30
- Track 423 : DismalStressor_29, DismalFunk_29, Marcoliusprime_29
- Track 424 : Mufasa_30, BoostSeason_30
- Track 425 : ZoeJ_29
- Track 426 : Milly_29
- Track 427 : TBond007_31, Keshu_32, ShedlockHolmes_32
- Track 428 : TripleTrouble_30

- Track 429 : MacnCheese_32
- Track 430 : Pharb_30
- Track 431 : Hurricane_32
- Track 432 : Pixie_31
- Track 433 : Wintermute_32, Malthus_33, JF1_32, Kraw_33, Y10_32, Y2_32, Fionnbharth_32
- Track 434 : Cheetobro_32, Juliette_34, Slarp_32, Chancellor_32
- Track 435 : OmniCritical_32, Taquito_32, Mitti_32, SamScheppers_32, Eponine_34, Ruthiejr_33
- Track 436 : Reptar3000_32
- Track 437 : MissDaisy_32, Patt_32
- Track 438 : Leston_30, Guillsminger_30, Paola_30
- Track 439 : Feyre_30, Gengar_30
- Track 440 : OkiRoe_30
- Track 441 : Agent47_30, InvictusManeo_30, Collard_30
- Track 442 : Miryou_30
- Track 443 : Waterfoul_30
- Track 444 : Edugator_30, AlleyCat_31, Dadosky_31, Psycho_31, Larva_31
- Track 445 : Rando14_31
- Track 446 : Kratio_29
- Track 447 : SoSeph_30, Heftyboy_30
- Track 448 : Omnicron_31
- Track 449 : Thyatira_30
- Track 450 : Bryler_31, Phrank_31, Cain_31, Tierra_31
- Track 451 : Ximenita_32
- Track 452 : Amohnition_30
- Track 453 : TClif_32
- Track 454 : Ekdilam_28
- Track 455 : Shadow1_30, Sunflower1121_30
- Track 456 : Unicorn_31, PhelpsODU_31
- Track 457 : Marshawn_32
- Track 458 : Syra333_31
- Track 459 : Yuna_32
- Track 460 : SirPhilip_30
- Track 461 : Krueger_31
- Track 462 : Hammy_30, DARTH_P_30
- Track 463 : Amgine_29
- Track 464 : Ellie_28
- Track 465 : Fefferhead_30
- Track 466 : Aminay_31
- Track 467 : Boilgate_28
- Track 468 : AvadaKedavra_26, Halena_26, Silverleaf_26
- Track 469 : Acquire49_26, CicholasNage_26, Rose5_26, Tyson_26, Zaria_26, Wyatt2_26, Wamburggrxpress_26, Calm_26
- Track 470 : Appletree2_26, DirkDirk_26, Enceladus_26, JoeDirt_26, MAckerman_26, UPIE_26, OhShagHennessy_26, LeBron_26
- Track 471 : Rumpelstiltskin_28, Gabriela_28
- Track 472 : Tourach_28
- Track 473 : BigCheese_28, Itos_28, Faith1_28, BobsGarage_28, Netyap_28, Breezona_28, Miley16_28, Winky_28, DrSeegs_28
- Track 474 : Nicholasp3_28, Wilder_28, Hafay_28, Crossroads_28, Lewan_28, Kahlid_28, GuuelaD_28, Sarshaun_28, Gardann_28, MkaliMitinis3_28, Wigglewiggles_28, Soap141_28

- Track 475 : Bazzle_28, Archie_28
- Track 476 : Loadrie_28
- Track 477 : Baoshan_27, ZhongYanYuan_27
- Track 478 : Finemlucis_28
- Track 479 : Vetric_28
- Track 480 : Claus_28, DHan_28
- Track 481 : DanBing_27
- Track 482 : Zakai_28
- Track 483 : LilDestine_28
- Track 484 : Jubie_28, Moostard_28, Snenia_28, Clautastrophe_28, Nicholas_28, Lumos_28, Kingsolomon_28, MsGreen_28
- Track 485 : Finnry_28, Samty_28
- Track 486 : KirDoubleO7_26, BourbonZero_27, Ellson_28, LiyuLake_28
- Track 487 : MiniLon_28, Lolly9_28
- Track 488 : Bellis_28
- Track 489 : DuncansLeg_28
- Track 490 : Krypton555_28, Whirlwind_29
- Track 491 : Jobypre_28
- Track 492 : MiniMac_28
- Track 493 : Douzhi_26, BrainDrainer_27, Sheng711_26
- Track 494 : Douge_26, Quby_26, FarmResident_26
- Track 495 : PYPDinur_26
- Track 496 : DyoEdafos_27
- Track 497 : Chaser_26
- Track 498 : Bromden_28
- Track 499 : Aegeus_29, Baudelaire_29
- Track 500 : Dulcita_39, Bongo_38, Bricole_38, PegLeg_38, TyDawg_38, Auspice_38, Diminimus_39, Glaske16_39, Skinny_39, LilhomieP_37, IPhane7_38
- Track 501 : SlimJimmy_37
- Track 502 : Reindeer_38
- Track 503 : Estes_44
- Track 504 : MrMagoo_43, GardenSalsa_43
- Track 505 : Rey_43
- Track 506 : Aziz_43, GenevaB15_43
- Track 507 : Nanosmite_43
- Track 508 : JangDynasty_67, TelAviv_64, Catdawg_67, Familton_68, SchoolBus_67, Vagabond_65, Idergollasper_67, Blessica_68
- Track 509 : Firecracker_69
- Track 510 : Corndog_70, FoulBall_67, Winget_68, Wildflower_67, Dylan_67, Murai_68, Schuy_68, Vorrrps_67, MadKillah_68, Alkhayr_65, Ashwin_69, Zakhe101_66, Mori_67, NiebruSaylor_66, Shida_67, Krili_66
- Track 511 : Ryadel_71, Smooch_70
- Track 512 : YungJamal_72
- Track 513 : Bora_65
- Track 514 : Yelo_39
- Track 515 : MontyDev_39
- Track 516 : Send513_39, Candle_39, Zenon_40
- Track 517 : Weiss13_39
- Track 518 : Riparian_39, Papyrus_39, Rope_39
- Track 519 : Nilo_40
- Track 520 : Madruga_40, Labelle_41, Patience_42
- Track 521 : MaryV_52, Azrael100_51, Wildcat_52, Cosmo_52, EniyanLRS_49
- Track 522 : Gaia_34

- Track 523 : Nebkiss_35
- Track 524 : LilSpotty_32
- Track 525 : DS6A_31
- Track 526 : P3MA_30
- Track 527 : Kumao_39
- Track 528 : 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 55, it was called in 239 of the 1576 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Akhila_25, Alexphander_34, Alkhayr_65, AlpineSix_32, Aminay_31, ArcusAngelus_31, Ardmore_30, Ashwin_69, Aubs_32, Awesomesauce_32, Azrael100_51, Batiatus_31, Beakin_32, BigPhil_27, Bipolar_28, Blarby_39, Blessica_68, Blexus_31, BlueCrab_31, BobaPhett_31, Bobi_33, BodEinwohner17_31, Boomer_33, Bora_65, Brocalys_26, Bubbles123_33, Burwell21_31, BuzzLyseyear_34, Byougenkin_31, Cabrinians_31, CaptainTrips_32, Catdawg_67, Cerasum_27, Che8_33, Chevrolet_32, ChickenDinner_33, Chuckly_31, Clifton_25, Coco12_31, Corndog_70, Cornie_31, Cornucopia_32, Cosmo_52, Crumble_25, DLane_31, DRBy19_31, DaWorst_33, DaddyRickover_31, Daenerys_31, Dante_31, DeadP_31, Deb65_31, DillTech15_31, DirtMcgirt_32, DocMcStuffins_33, Donkeykong_31, Doomphist_31, Dorothy_31, DosHalletts_33, DotProduct_31, Doug_32, Drago_32, Dylan_67, Emma_33, Empress_32, EniyanLRS_49, Eradicator_31, Estave1_29, Familton_68, Fancypants_31, Fastidio_33, Filuzino_31, Firecracker_69, Firehouse51_32, Flathead_31, Florinda_31, FoulBall_67, Frankie_35, FreddyB_31, Fruitloop_30, GUmble_31, Galactic_33, Gandalph_32, Geralt_31, GigiOuiOui_31, Girafales_32, Gorge_31, Guppsters_33, Hades_32, Harley_31, Hegedechwinu_32, Hlubikazi_32, IMpilo_30, Ibhubesi_31, Idergollasper_67, Inventum_31, IrishSherpFalk_33, JalFarm20_34, James_31, JangDynasty_67, Jarcob_31, Jinglebell_30, Job42_35, JoeyJr_31, Juice456_32, Juniper1_31, Karhdo_31, Kenuha5_28, Kersh_30, KingMidas_33, Koella_25, Krakatau_32, Krili_66, KristaRAM_32, LastJedi_25, Latretium_32, Leozinho_33, Leperchaun_31, LilMoolah_31, LittleShirley_34, Lizziana_31, Llama_31, Llij_31, LunaBlu_34, MadKillah_68, MadMen_29, Madiba_29, Mahavrat_31, Mandlovu_32, Mantra_31, Maravista_31, Marker_32, Martik_31, MaryV_52, Mattes_31, Melissauren88_31, MilanaBonita_25, MilleniumForce_32, MinionDave_34, Minnie_33, Misha28_32, Modragons_31, MooMoo_29, Moonbeam_32, Mori_67, Mova_32, Mozy_33, Ms6_25, MulchExplorer_34, MulchSalad_30, Murai_68, Mutaforma13_31, Nebkiss_35, NiebruSaylor_66, Nimbo_31, Nitzel_32, Nivrat_31, NormanBulbieJr_31, Ochi17_29, OfUltron_31, Ogopogo_31, Oksu_32, OldBen_31, OlympiaSaint_31, OwlsT2W_32, PHappiness_31, PMC_31, Pacc40_31, Phalconet_31, Phanphagia_28, Phasih_32, Phatniss_32, PhesterPhotato_31, Philus_31, Piper2020_33, Pippy_25, Plumbus_33, Poenanya_31, Polka14_32, Pollywog_31, PopTart_31, Priscilla_31, QuickMath_32, Quico_32, Radiance_31, Ramsey_34, RedBird_31, Renaud18_31, Rialto_35, RitaG_32, Rita_32, Rockne_31, RockyHorror_32, Royals2015_31, Ryadel_71, Saal_31, Sabbb_32, Sandalphon_32, Sarma624_27, Sassafras_32, SassyB_31, SchoolBus_67, Schuy_68, Scottish_32, Sebastian_31, Seagreen_32, Shauna1_28,

ShiLan_31, Shida_67, ShowerHandel_31, ShroomBoi_28, SiSi_31, SimranZ1_34, Smooch_70, Sparkdehlily_31, Spartacus_33, Spikelee_33, Spoonbill_31, Stap_32, Starcevich_35, Strokeseat_32, SuperGrey_32, SwagPiggett_31, TDanisky_31, Taj_31, TelAviv_64, TootsiePop_32, Tootsieroll_32, Toron_32, Totinger_32, Tweety_31, UncleRicky_34, VRedHorse_31, Vagabond_65, Velveteen_27, Veteran_31, Vorrrps_67, Wachhund_31, Wee_32, Whatsapiecost_32, Whouxphf_32, Wildcat_52, Wildflower_67, WillSterrel_33, Winget_68, XFactor_31, Yorick_31, YungJamal_72, Zakhe101_66, Zerg_31, Zizzle_31,

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

• Achebe_10, Badger_10, Cici_10, DS6A_31, Eish_31, IbOuu_33, Xena_10,

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

• 20ES_11, 244_37, 39HC_042, 40AC_14, 40BC_042, A6_08, ABCat_34, ACFishhook_12, AFIS_10, AN3_11, AN9_14, ANI8_14, AbbyPaige_13, AbbysRanger_10, Abbysshoes_11, Abdiel_10, Abinghost_47, Abrogate_110, Acme_11, Acolyte_11, Acquire49_26, ActinUp_31, Adahisdi_11, Adephagia_31, Ading_255, Adlitam_252, Adnama_38, Adonis_31, Aegeus_29, Aeneas_12, Agaliana_10, Agape74_13, Agent47_30, AgentM_8, Ageofdapage_31, Aglet_12, AgronaGT15_12, Aikoy_46, Airmid_8, Ajay_10, Akoma_47, Albee_10, Alberto7_11, Alice_238, AlishaPH_31, AlleyCat_31, Alsfro_14, Altman_11, Alvin_11, Amao_35, Amataga_253, Amelie_27, AmericanBeauty_37, Amgine_29, Amohnition_30, Anaya_32, Angelica_31, Anglerfish_10, AnnaL29_14, Annyong_10, Anselm_11, Anubis_14, Apocalypse_31, Applejack_10, Appletree2_26, Aragog_8, Arcanine_10, ArcherNM_13, ArcherS7_253, Archetta_8, Archie_28, Argent26_37, Ariel_48, Arlo_9, Arturo_9, Asayake_31, Ashballer_8, Asriel_34, Asterius_249, Astraea_248, Astro_8, Athena_48, Atiba_31, Atkinbua_10, Atlantean_252, Audrey_47, Audrick_255, AugsMagnumOpus_14, Auspice_38, Ava3_249, AvadaKedavra_26, Avani_36, AvatarAhPeg_10, Avle17_10, Aziz_43, B1_08, BAKA_53, BEEST_31, BGIlluviae_31, BK1_08, BPBiabs31_11, BaboJay_34, Baby16_10, BabyBack_13, BabyJohn_9, BabyRay_10, Babyland_255, BackyardAgain_247, Backyardigan_10, BaconJack_12, Bactobuster_12, BadAgartude_246, BadStone_34, Baehexic_12, BaghaKamala_31, Bagrid_48, Balomoji_34, Baloo_47, BananaFence_250, BangNhom_9, Bangla1971_253, Baoshan_27, Barbarian_34, Barnyard_40, BarrelRoll_31, Barriga_10, Bartimeaus_10, Bask21_35, Basquiat_250, Baudelaire_29, Bazzle_28, BeanWater_245, Beatrix_9, Beauxregard13_12, Beem_49, BeesKnees_10, Beezoo_31, Bella96_31, Belladonna_31, Bellis_28, BellusTerra_10, Ben11_46, Bench_37, Benedict_8, BengiVuitton_12, Benvolio_11, Bernardo_48, Bethlehem_10, Bexan_9, BiancaTri92_13, Big3_10, BigBubba_36, BigCheese_28, BigCity_260, BigMau_11, BigPaolini_11, Bigfoot_9, Binglebops_27, Bigswole_257, BilboSwaggins_35, BillKnuckles_11, Bipolarisk_250, Bircsak_10, BirdsNest_51, Blackbrain_251, Blackdragon_247, Blackmoor_10, Blizzard_31, BluSpix_10, Blubba_239, BlueBird_11, Blue_10, Bluefalcon_7, Bob3_9, BobSwaget_14, Bobby_48, BobsGarage_28, Boiiii_31, Boilgate_28, Bombitas_46, Bombshell_10, Bonamassa_8, Bones_10, Bongo_38, Bonray_255, BoostSeason_30, BourbonZero_27, Bradman_10, BrainDrainer_27, BreSam8_12, Bread_249, Breeniome_252, Breezona_28, Briakila_48, Bricole_38, Briton15_11, Bromden_28, Broseidon_10, Bruin_35, Bruiser_10, Bruns_8, Bryler_31, BubbleTrouble_10, Buck_34, Bugatti_10, BugsBunny_33, Buggy_13, Bumblebee11_10, Burger_9, Burrough_253, Burton_10, Buttons_11, BuzzBuzz_11, Bxb1_9, Bxz1_238, Bxz2_12, C3_09, CRB1_11, CREW_31, Cactojaque_247, CactusRose_9, Cactus_36, Caelakin_10, Cain_31, Cali_242, Calm_26, Calvinny_13, Camperdownii_9, Candle_39, Cane17_241, Capablanca_257, Capricorn_31, Caravan_242, Carlyle_12,

Casbah_46, CaseJules_31, Catera_241, Caviar_11, Centaur_13, CentreCat_10, Cerulean_10, ChaChing_47, Chadwick_9, ChampagnePapi_10, Chanagan_9, Chancellor_32, Chandler_47, Changeling_14, Chaph_10, Charge21_250, CharlieB_247, Chaser_26, ChaylaJr_251, Che9d_36, CheetoDust_31, Cheetobro_32, ChickenPhender_248, ChipMunk_13, Chiqui_9, Chomp_251, ChosenOne_35, ChotaBhai_35, Chris_30, Chupacabra_10, Ciao_10, CicholasNage_26, Cindaradix_9, CindyLou_253, Cintron_10, Citius_10, Cjw1_35, Clarenza_10, Claus_28, Clautastrophe_28, Cocoaberry_10, Colbster_12, Colin_15, Collard_30, Colt_242, Command613_36, Commander_10, Compostia_48, Conceptll_10, Concombre_258, Connomayer_10, Conspiracy_8, Constella_41, Contagion_34, Coog_8, Cookies_35, Corofin_47, Corvo_10, Courthouse_48, CrimD_31, Crispicous1_9, Crossroads_28, Crucio_11, CrystalP_35, Cuco_8, Cueyllyss_10, Cullens_12, Curiosium_32, Czyszczonek_36, D29_12, D32_14, DBQu4n_14, DD5_11, DHan_28, DTDevon_253, DaHudson_12, Dadosky_31, Daffodil_258, Daikon_34, Daishi_11, Daisy_47, Dallas_51, Dalmatian_11, Dalmuri_31, DanBing_27, Dandelion_258, Danforth_7, Darko_252, DarthP_30, Dartin_31, Datway_10, Deano_10, Deby_31, Deenasa_47, Delilah_250, Deloris_12, Delylah_254, Demodog_260, Demsculpinboyz_36, Derek_248, Devera_31, Devonte_47, Dexes_11, Dhanush_10, Dieselweasel_12, Dietrick_241, Dignity_13, Diminimus_39, DirkDirk_26, DirtMonster_241, DirtyDunning_10, Discoknowium_8, DismalFunk_29, DismalStressor_29, Dixon_8, DmpstrDiver_50, DoctorDiddles_35, Dole_31, Domi_246, DontArgue_9, Doom_10, Douge_26, Douzhi_26, Dove_46, DrDrey_36, DrFeelGood_9, DrHayes_31, DrLupo_42, DrPhinkDaddy_249, DrSeegs_28, Drake55_13, Drake94_9, Drazdys_249, DreamCatcher_11, Dreamboat_11, DroogsArmy_11, DropBear_10, Druantia_10, Dublin_7, DudeLittle_11, Duke13_52, Dulcie_9, Dulcita_39, Dumbo_35, DuncansLeg_28, Duplo_14, Durfee_31, Dusk_34, Dussy_11, DustyMartin_13, Dynamix_10, DyoEdafos_27, ET08_238, EZMoney23_15, Eagle_9, Eaglepride_11, Eapen_10, Easy2Say_37, EasyJones_253, Echild_11, Edison31_10, Edtherson_11, Edugator_30, Efra2_31, EggyFarm_260, Ejimix_49, Ekdilam_28, EITiger69_8, EleanorGeorge_32, Elite2014_34, Ellie_28, Ellson_28, Elph10_36, EmToTheThree_253, Emerson_31, EmmaElysia_257, Emmina_36, Enby_33, Enceladus_26, Enkosi_27, EpicPhail_12, Eponine_34, Equemioh13_13, Erdmann_254, EricMillard_49, Eris_10, ErnieJ_246, Eros_10, Espresso_10, Essence_250, Estes_44, Euphoria_10, Eureka_35, Eurydice_10, EvilGenius_13, Ewok_251, Expelliarmus_7, Eyeball_10, FairyPath_35, Faith1_28, Fajezeel_11, Fameo_11, Farber_12, FarmResident_26, Fascinus_9, Fefferhead_30, Fenn_10, Fernando_12, Feyre_30, Filch_36, Findley_29, Finemlucis_28, Finnry_28, Fionnbharth_32, FireRed_35, FiringLine_11, First_0011, Flabslab_247, Flare16_11, Florean_10, Fludd_252, Flux_10, FlyCatcher_14, Flypotenuse_33, ForGetIt_8, Forsytheast_9, FoxtrotP1_251, Francis47_10, FrayBell_255, Fred313_10, Froghopper_11, FudgeTart_248, Funsized_52, Funston_10, Fushigi_10, GMonster_9, Gabriel_255, Gabriela_28, Gadget_48, Gadost_10, GageAP_11, Gage_37, Gaia_34, Gamgam_254, Gandalf20_11, Ganymede_32, Gardann_28, GardenSalsa_43, Gator_33, GaugeLDP_13, Gemini_38, Gemma_12, GenevaB15_43, Gengar_30, George_7, Georgie2_12, Geraldini_31, Gervas_47, Ghost_252, Ghoulyboy_8, GingkoMaracino_12, Giroux_10, Girr_33, Gizmo_258, Glaske16_39, GlenHope_48, Glexan_33, Goku_35, GoldenSpark_37, Goldilocks_36, Gompeii16_10, Gonephishing_50, GooberAzure_37, Goose_10, Graduation_12, Grasshills_259, GrecoEtereo_11, Greg_11, Grif_12, Groundhog_7, Groupthink_13, Grub_12, Grum1_12, Grungle_234, GtownJaz_12, Guanica15_31, Guillsminger_30, GuuelaD_28, Guwapp_248, Gwendoluna_11, Gyzlar_11, HINdeR_10, Hafay_28, Halena_26, Halfpint_46, Halldule_244, Halley_49, HamSlice_9, Hami1_11,

Hammy_30, Hamulus_32, HanKaySha_36, HanShotFirst_10, Hannaconda_45, Happiness_10, Harella_34, HarryHoudini_13, HarryOW_11, HarveySr_47, HashRod_13, Hashim76_52, HaveUMetTed_13, Heathcliff_47, Heathen_10, HedwigODU_31, Heffalump_13, Heftyboy_30, HelDan_10, Heliosoles_12, Henry_36, Hercules11_12, Hermia_12, HermioneGrange_11, Highbury_36, HokkenD_42, Holli_10, Holt_36, Homines_10, Homura_31, Hookmount_11, Hoonter_37, Hope4ever_10, Hopey_37, Hosp_040, Houdini22_10, HuffyPuff_34, Hughesyang_47, HuhtaEnerson15_8, Hurricane_32, Huxley_10, HyRo_237, Hyperbowlee_31, I3_262, ICleared_10, IHOP_35, ILeeKay_12, IPhane7_38, Icee_34, Iceman_10, Ichabod_10, Idleandcovert_10, IgnatiusPatJac_9, IkeLoa_246, Illumine_31, Imvubu_41, Inca_34, Indlulamithi_36, InigoMontoya_256, Inky_31, InterFolia_254, InvictusManeo_30, Inyanga_9, Iota_249, Iracema64_10, IronMan_13, Isca_10, Issimir_246, Itos_28, Iwokeuplikedis_11, Izajani_248, JAWS_31, JC27_12, JF1_32, JF2_10, JF4_10, JHC117_12, JPickles_250, Jaan_14, Jabbawokkie_39, Jabiru_8, JackSparrow_10, Jackstina_44, Janiyra_256, Jarvi_31, Jasper_11, JayJay_248, Jaygup_249, Jayhawk_31, Jaykayelowell_10, JeTaima_37, Jeckyll_31, Jedediah_254, Jemmno_252, JenCasNa_12, JeppNRM_13, Jerm2_10, Jerm_13, Jessibeth14_252, JetBlade_10, JigglyPuff_258, Jobu08_12, Jobypre_28, JoeDirt_26, Jolie1_042, JoongJeon_10, Jorgensen_10, JoshKayV_13, Journey13_9, Jovo_8, Joy99_31, Jsquared_10, Jubie_28, JuicyJay_51, JuliaChild_12, JulietS_244, Juliette_34, JustHall_246, KADY_13, KBG_11, KFPoly_10, KSSJEB_9, Kachowdy_10, Kahlid_28, Kalah2_49, Kalb97_13, Kalnoky_13, Kalpine_14, Kamiyu_47, Kamy_10, Kamryn_251, Kanely_11, Kanye_37, KashFlow_42, Katalie136_10, KayaCho_42, Kboogie_256, Kenmech_12, Kerberos_14, Keshu_32, Khaleesi_251, KiSi_30, Killigrew_8, Kimberlium_33, Kimchi_37, Kimona_7, KingCyrus_13, Kingmustik0402_10, Kingsley_30, Kingsolomon_28, Kinmap_10, KirDoubleO7_26, KittenMittens_9, Klein_49, Knocker_50, Koduck_11, Koguma_251, Koreni_9, Kostya_36, Kratark_10, Kratio_29, Kraw_33, Kremtemulon_10, Kristoff_11, Kronus_46, Krueger_31, Krypton555_28, Kugel_11, Kumao_39, KyMonks1A_12, Kyee_10, Kykar_8, L5_12, LBerry_12, LHTSCC_10, LRRHood_244, Labelle_41, LadyBird_11, Lambert1_11, Lamina13_10, Landor_12, LappelDuVide_10, Larenn_12, LarryKay_12, Larva_31, LastHope_31, Latch_252, LaterM_31, LeBron_26, LeMond_30, Lee7_253, Lemur_10, LeoAvram_10, Leogania_13, Leopard_46, Lesedi_9, Leston_30, LestyG_47, Lev2_8, Leviathan_13, Lewan_28, Licorice_12, LifeSavor_253, LilBib_11, LilDestine_28, LilMcDreamy_46, LilPharaoh_27, LilSpotty_32, LilTurb_13, Lilac_37, LilhomieP_37, Lilith_12, Lilizi_37, Lilpickle_34, LinStu_249, LindNT_31, LittleB_10, LittleCherry_8, LittleE_53, LittleGuy_10, Littleton_256, LiyuLake_28, Llorens_31, Loadrie_28, Loanshark_249, LochMonster_10, Lockley_10, Lokk_14, LolaVinca_248, Lolly9_28, Lopton_11, LordLeafolot_254, Lorde_33, Lorenzo_10, Loser_14, Louie6_12, Luchador_11, Lucky2013_48, LugYA_14, Lukilu_241, Lumos_28, LunaStella_33, Lunahalos_31, Lunsford_11, MA5_10, MAckerman_26, MISSy_34, MK4_10, MPhalcon_34, MPlant7149_9, Maby2021_253, MacnCheese_32, MadMarie_12, MadamMonkfish_35, Madruga_40, Magnar_10, Magnito_9, Mainiac_12, MajorMajor_10, Makemake_10, MalagasyRose_31, Malec_12, Malinsilva_14, Malthus_33, Manatee_10, Manda_36, Mangeria_252, Manu_13, MarQuardt_12, Marcell_10, Marchesa_10, Marchy_9, Marcoliusprime_29, Marge_10, Margo_11, Marie_12, Marius_13, MarkPhew_31, Marley1013_47, Maroc7_9, Marsha_10, Marshawn_32, Marshmallow_35, MaryBeth_10, MarysWell_7, Matsumoto_250, Maverick_10, Maxo_10, Maxxinista_36, Mazhar510_10, McGee_254, McGuire_10, McMater_31, McWolfish_249, Mdavu_27, MeaningOfLife_31, Medusa_10, MeeZee_10, Megamind_249, Megsy_31, Melpomini_247, Melvin_10, MetalQZJ_10, Methuselah_12, MiaZeal_48, Micasa_8, Michley_10, Microwolf_12, MiculUcigas_11,

Midas2_8, MikeLiesIn_253, Miko_14, Mikro_246, Milcery_8, Miley16_28, Millski_10, Milly_29, Mindy_35, Minerva_55, MiniLon_28, MiniMac_28, Miniwave_35, Miramae_10, Miryou_30, Misfit_35, Misomonster_14, MissDaisy_32, MissWhite_11, MisterCuddles_33, Mitti_32, MkaliMitinis3_28, Mkhuseleli_9, MmasiCarm_47, MoMoMixon_248, Moldemort_36, Molly_11, Momo_254, Monet_11, MoneyMay_12, MontyDev_39, Moose_9, Moostard_28, Morizzled23_250, Morpher26_10, Morrow_10, Mortcellus_46, Morty007_47, Mosby_34, MrGordo_10, MrMagoo_43, Mryolo_9, MsGreen_28, MuchMore_14, Mufasa_30, Mule_10, Mundrea_10, Murica_34, Murphy_36, Murucutumbu_31, Museum_11, Mynx_31, Myrale_35, NEHalo_10, NaSiaTalie_11, Naca_8, Naija_253, Naira_10, Naji_14, Nala_35, Nanosmite_43, Napoleon13_249, Nappy_251, Naval22_257, NearlyHeadless_8, Nebs_10, NedWong_251, NelitzaMV_35, Nemo27_10, Neos5_47, Nergal_27, Nerujay_11, Netyap_28, Ngannou_247, Nhonho_10, Nibb_30, Nicholas_28, Nicholasp3_28, NicoleTera_15, Nidhogg_253, NihilNomen_48, Nikao_27, Niklas_31, Nilo_40, Nimrod_35, Niza_11, NoShow_27, NoSleep_36, Noella_11, Noelle_10, NoodleTree_248, Norbert_10, Norm_252, NorthStar_10, Norz_12, NotAPhaseMom_10, NothingSpecial_13, Nozo_47, NuevoMundo_254, Nutello_27, Nyxis_10, OKCentral2016_10, OKaNui_10, Obama12_10, Obutu_47, Odette_49, OhShagHennessy_26, Ohfah_10, Ohno789_9, OkiRoe_30, OlanP_12, Ollie_12, Omega_53, OmniCritical_32, Omnicron_31, Onyinye_47, Oogway_9, Optimus_54, OrangeOswald_47, OrionPax_36, Oscar_30, Ovechkin_32, P28Green_12, P3MA_30, PGHhamlin_14, PP_20, PSullivan_12, PYPDinur_26, PacerPaul_10, Padfoot_31, Padpat_31, Palestino_10, Palpatine_35, Panamaxus_11, Paola_30, Paperbeatsrock_37, Papez_12, Paphu_9, Papyrus_39, Paraselene_9, Pari_11, ParkTD_251, Parliament_9, PascalRango_9, Pat3_34, Patience_42, Patt_32, Patter_254, PattyP_11, Pawn_13, Payneful_10, PeaceMeal1_9, Peaches_10, Peanam_31, Peel_31, PegLeg_38, Pelly_11, Pembroke_12, Penny1_12, Pepe_11, Perplexer_10, Perseus_11, PeterPeter_10, Peterson_13, PetiteSangsue_10, Petp2012_12, Petra64142_37, Petruchio_10, PetterN_9, Phacado_10, Phaded_14, Phaedrus_45, Phaja_35, Phantastic_10, Pharb_30, Pharsalus_36, PhatBacter_35, Phaux_34, Phayeta_48, Phelipe_10, PhelpsODU_31, PherrisBueller_11, Phighter1804_10, Phillis_8, Philly_46, PhishRPhriends_11, Phlegm_257, Phlorence_8, Phlyer_47, Phoebe_12, Phoebus_48, Phontbonne_10, Phox_253, Phoxy_12, Phrank_31, Phranny_13, PhrostyMug_10, Phrux_35, Phusco_251, Piatt_31, PickleBack_8, Pier_251, PinkPlastic_8, Pinkcreek_232, Pinto_12, Pio_259, Pipcraft_10, Pipefish_49, Pippin_11, Piro94_12, Pistachio_11, Pita2_12, Pivoine_253, Pixie_31, Pleione_256, Pocahontas_11, Pokerus_30, Policronamos_36, Polymorphads_10, Pomar16_14, Poompha_9, Popcicle_11, Porcelain_47, Porky_35, PotatoSplit_13, Pound_51, Power_11, Prithvi_31, ProMouse_9, Psycho_31, Pukovnik_13, Pumbaa_10, Pumpkin_37, Puppy_11, PurduePete_253, PurpleHaze_12, QBert_244, QTRlifeCrisis_10, Quallification_36, Quasimodo_255, Quby_26, QueenB2_11, QueenBeesly_11, QuincyRose_30, QuinnKiro_10, Quokka_9, Rabinovish_245, Rachaly_14, RagingRooster_47, Rahel_254, Rajelicia_9, Rakim_36, Ramen_31, Rando14_31, Rapunzel97_31, Reba_13, Rebeuca_11, RedRock_14, Redno2_47, Refuge_14, Reindeer_38, Relief_10, Reptar3000_32, ResDef_11, Retro23_11, Rey_43, RhynO_11, Rhynn_10, Richo_31, RidgeCB_10, Rimmer_34, Ringer_10, Rinkes_49, Riparian_39, Rita1961_47, RiverMonster_35, Rizal_241, RoMag_247, Roary_8, Rockstar_10, Rohr_11, RomaT_47, Romney_10, Ronan_248, Roosevelt_10, Roots515_255, Rope_39, Rosa24_9, Rose5_26, Rosmarinus_31, Rowdy_13, Rubeus_10, Ruby_33, Rufus_10, Ruin_10, Rummer_12, Rumpelstiltskin_28, Ruotula_9, Rutherford_11, Ruthiejr_33, SG4_32, STLscum_11, Sabertooth_10, Sabia_12, Sabinator_12, Sagefire_11, Saints25_36, Saintus_8, Salacia_254, SamScheppers_32, Samty_28,

SamuellPlaqson_31, Sandaddy_9, Sanya_9, SarFire_10, Sarshaun_28, Sassay_34, SaturnRing_10, Sauce_249, Scamp_10, Scarlett_30, Schatzie_46, Scorpio_9, ScottMcG_244, Scout_10, Scowl_11, Seabiscuit_11, Seanderson_11, Sebata_252, SemperFi_13, Send513_39, Serenity_10, Severus_9, SgtBeansprout_27, Shadow1_30, Shaka_10, ShamWow_35, Shaobing_31, Shapes_13, Shaqnato_243, ShedlockHolmes_32, Sheen_12, SheldonCooper_10, Shelob_253, Sheng711_26, ShereKhan_37, ShiaLabeouf_250, ShiaSurprise_31, Shifa_228, Shnickers_251, ShortQueendom_9, Shrimp_255, Shygu2_10, Sibs6_11, SilverDipper_257, Silverleaf_26, Simpliphy_36, SirDuracell_34, SirPhilip_30, SkiPole_12, Skinny_39, Skipitt_10, Slagathor_10, Slarp_32, SlimJimmy_37, Slimphazie_31, SlippinJimmy_47, Smairt_11, SmallFry_253, Smeadley_8, Smeagan_13, Smeagol_11, SnapTap_11, Snazzy_8, Snenia_28, Snickers_12, SoSeph_30, SoYo_12, Soap141_28, SoilDragon_12, Solon_10, SophKB_35, Sorpresa_10, Soshari_14, Sotrice96_35, Soul22_36, Sparxx_10, Spec_246, Specks_257, Spike509_12, SpikeBT_11, Spino_10, Spock_31, Sprinklers_250, Spud_244, Squee_10, Squint_47, SrishMeg2525_250, StAnnes_30, Stagni_12, Stank_38, StarStuff_14, Stark_36, Stasia_11, StellaBean_35, StepMih_12, StephanieG_246, StepHig9_8, StewieG_9, Stink_10, Stinson_32, StolenFromERC_37, Strobilo_29, StrongArm_9, StubbySaigey_259, Stubby_235, Sulley_31, Sumter_9, Sunflower1121_30, Sunshine924_9, Superphikiman_48, SweetiePie_11, Swirley_8, SwissCheese_10, Switzer_10, Swole_12, SydNat_8, SynergyX_47, Syra333_31, TBond007_31, TBrady12_37, TChen_31, TClif_32, TM4_30, TNguyen7_10, Tachez_31, Tainan_252, TaiwanKao_32, Taquarus_10, Taquito_32, Target_11, Tarkin_37, TarsusIV_11, Tarynearal_7, Tasp14_11, Taurus_12, TeardropMSU_34, Teardrop_251, Teaspoon_36, Teodoridan_8, Terminus_35, Texage_10, Thanksgivukkah_10, Theia_7, TheloniousMonk_11, ThetaBob_30, Thibault_42, Thor_10, ThreeRngTarjay_47, Thresher_36, Thyatira_30, Tierra_31, Tiffany_12, Tiger_8, Timshel_11, TinaFeyge_10, TingHuaYa_31, TiniBug_31, TinyTim_251, Tinybot_9, TipsytheTRex_10, Tiri_31, TiroTheta9_10, Todacoro_11, Tomaszewski_34, Tomathan_14, Tonenili_274, Topanga_10, Topgun_10, Topper_31, Toro_13, Torres_27, Tortoise16_250, Tote_12, Toto_35, Tourach_28, Traaww1_33, Traft412_12, Travvers_14, Treddle_11, TreyKay_31, TripleTrouble_30, Trike_8, Trinitium_249, Tripl3t_11, Trixie_14, Trooper_11, Trouble_10, TroyPia_10, TruffulaTree_31, Tuco_36, Turbido_13, Turj99_9, Turret_243, Twigg_8, Twister_10, Twitch_31, TwoPeat_11, TyDawg_38, Tydolla_47, TygerBlood_10, Tyke_249, Tyson_26, U2_9, UPIE_26, Ukulele_35, Ulysses_9, Unicorn_31, UnionJack_8, Updawg_13, Urkel_31, VA6_11, VC3_14, Validus_31, ValleyTerrace_253, Veliki_31, Veracruz_10, Vatrix_28, Violet_9, Vix_12, Wally_250, WalterMcMickey_10, Wamburgxpress_26, Wanda_55, Wander_10, Waterfoul_30, Watermelon_12, Watson_12, WeiHuaDA_17, Weiss13_39, Whabigail7_13, Wheeler_10, Whirlwind_29, WideWale_13, Wiggin_38, Wigglewiggle_28, Wilbur_10, Wilder_28, Wile_10, Wilkins_10, Willez_34, Willis_253, Winky_28, Wintermute_32, Wizard007_10, Wooldri_14, Wyatt2_26, Xandras_37, XianYue_11, Ximenita_32, Y10_32, Y2_32, Yahalom_47, YassJohnny_36, Yassified_248, Yeet_47, Yelo_39, YemiJoy2021_253, Yinz_47, YoSam321_10, Yoshi_38, YoungMoneyMata_252, Youngblood_35, YoureAdopted_30, Yucca_253, Yuna_32, Yunkel11_31, Zabiza_31, Zakai_28, Zalkecks_251, Zapner_38, Zaria_26, Zavala_31, Zeeculate_9, Zeenon_253, Zelink_50, Zenon_40, Zenteno07_53, Zephyr_10, Zetzy_11, Zeuska_11, ZhongYanYuan_27, Zimmer_13, ZoeJ_29, Zolita_7, ZygoTaiga_249, xkcd_36,

Summary by start number:

Start 23:

- Found in 5 of 1697 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 20.0% of time when present
- Phage (with cluster) where this start called: Eish_31 (F1),

Start 49:

- Found in 188 of 1697 (11.1%) of genes in pham
- Manual Annotations of this start: 167 of 1576
- Called 98.4% of time when present
- Phage (with cluster) where this start called: Ading_255 (C1), Adlitam_252 (C1), Alice_238 (C1), Amataga_253 (C1), ArcherS7_253 (C1), Asterius_249 (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), BeanWater_245 (C1), BigCity_260 (C1), Bigswole_257 (C1), Bipolarisk_250 (C1), Blackbrain_251 (C1), Blackdragon_247 (C1), Blubba_239 (C1), Bonray_255 (C1), Bread_249 (C1), Breeniome_252 (C1), Burrough_253 (C1), Bxz1_238 (C1), Cactojaque_247 (C1), Cali_242 (C1), Cane17_241 (C1), Capablanca_257 (C1), Caravan_242 (C1), Catera_241 (C1), Chargie21_250 (C1), CharlieB_247 (C1), ChaylaJr_251 (C1), ChickenPhender_248 (C1), Chomp_251 (C1), CindyLou_253 (C1), Colt_242 (C1), Concombre_258 (C1), DTDevon_253 (C1), Daffodil_258 (C1), Dandelion_258 (C1), Darko_252 (C1), Delilah_250 (C1), Delylah_254 (C1), Demodog_260 (C1), Derek_248 (C1), Dietrick_241 (C1), DirtMonster_241 (C1), Domi_246 (C1), DrPhinkDaddy_249 (C1), Drazdys_249 (C1), ET08_238 (C1), EggyFarm_260 (C1), EmToTheThree_253 (C1), EmmaElysia_257 (C1), Erdmann_254 (C1), ErnieJ_246 (C1), Essence_250 (C1), Ewok_251 (C1), Flabslab_247 (C1), Fludd_252 (C1), FoxtrotP1_251 (C1), FrayBell_255 (C1), FudgeTart_248 (C1), Gabriel_255 (C1), Gamgam_254 (C1), Ghost_252 (C1), Gizmo_258 (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), Janiyra_256 (C1), JayJay_248 (C1), Jaygup_249 (C1), Jedediah_254 (C1), Jemmno_252 (C1), Jessibeth14_252 (C1), JigglyPuff_258 (C1), JulietS_244 (C1), JustHall_246 (C1), Kamryn_251 (C1), Kboogie_256 (C1), Khaleesi_251 (C1), Koguma_251 (C1), LRRHood_244 (C1), Latch_252 (C1), Lee7_253 (C1), LifeSavor_253 (C1), LinStu_249 (C1), Littleton_256 (C1), Loanshark_249 (C1), LolaVinca_248 (C1), LordLeafolot_254 (C1), Lukilu_241 (C1), Maby2021_253 (C1), Mangeria_252 (C1), Matsumoto_250 (C1), McGee_254 (C1), McWolfish_249 (C1), Megamind_249 (C1), Melpomini_247 (C1), MikeLiesIn_253 (C1), Mikro_246 (C1), MoMoMixon_248 (C1), Momo_254 (C1), Morizzled23_250 (C1), Naija_253 (C1), Napoleon13_249 (C1), Nappy_251 (C1), Naval22_257 (C1), NedWong_251 (C1), Ngannou_247 (C1), Nidhogg_253 (C1), NoodleTree_248 (C1), Norm_252 (C1), NuevoMundo_254 (C1), ParkTD_251 (C1), Patter_254 (C1), Phlegm_257 (C1), Phox_253 (C1), Phusco_251 (C1), Pier_251 (C1), Pio_259 (C1), Pivoine_253 (C1), Pleione_256 (C1), PurduePete_253 (C1), QBert_244 (C1), Quasimodo_255 (C1), Rabinovish_245 (C1), Rahel_254 (C1), Rizal_241 (C1), RoMag_247 (C1), Ronan_248 (C1), Roots515_255 (C1), Salacia_254 (C1), Sauce_249 (C1), ScottMcG_244 (C1), Sebata_252 (C1), Shaq nato_243 (C1), Shelob_253 (C1), ShiaLabeouf_250 (C1), Shifa_228 (C1), Shnickers_251 (C1), Shrimp_255 (C1), 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), Tainan_252 (C1), Teardrop_251 (C1), TinyTim_251 (C1),

Tonenili_274 (C1), Tortoise16_250 (C1), Trinitium_249 (C1), Turret_243 (C1), Tyke_249 (C1), ValleyTerrace_253 (C1), Wally_250 (C1), Willis_253 (C1), Yassified_248 (C1), YemiJoy2021_253 (C1), YoungMoneyMata_252 (C1), Yucca_253 (C1), Zalkecks_251 (C1), Zeenon_253 (C1), ZygoTaiga_249 (C1),

Start 54:

- Found in 35 of 1697 (2.1%) of genes in pham
- Manual Annotations of this start: 29 of 1576
- 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), 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), LeBron_26 (L1), MAckerman_26 (L1), OhShagHennessy_26 (L1), PYPDinur_26 (L4), Quby_26 (L4), Rose5_26 (L1), Rumpelstiltskin_28 (L2), Sheng711_26 (L4), Silverleaf_26 (L1), Tyson_26 (L1), UPIE_26 (L1), Wamburgxpress_26 (L1), Wyatt2_26 (L1), Zakai_28 (L2), Zaria_26 (L1),

Start 55:

- Found in 258 of 1697 (15.2%) of genes in pham
- Manual Annotations of this start: 239 of 1576
- Called 97.3% of time when present
- Phage (with cluster) where this start called: Akhila_25 (F1), Alexphander_34 (F1), Alkhayr_65 (O), AlpineSix_32 (F1), Aminay_31 (K7), ArcusAngelus_31 (F1), Ardmore_30 (F1), Ashwin_69 (O), Aubs_32 (F1), Awesomesauce_32 (F1), Azrael100_51 (V), Batiatus_31 (F1), Beakin_32 (F1), BigPhil_27 (F1), Bipolar_28 (F1), Blarby_39 (F), Blessica_68 (O), Blexus_31 (F1), BlueCrab_31 (F1), BobaPhett_31 (F1), Bobi_33 (F1), BodEinwohner17_31 (F1), Boomer_33 (F1), Bora_65 (O), Brocalys_26 (F1), Bubbles123_33 (F1), Burwell21_31 (F1), BuzzLyseyear_34 (F1), Byougenkin_31 (F1), Cabrinians_31 (F1), CaptainTrips_32 (F1), Catdawg_67 (O), Cerasum_27 (F1), Che8_33 (F1), Chevrolet_32 (F1), ChickenDinner_33 (F1), Chuckly_31 (F1), Clifton_25 (F1), Coco12_31 (F1), Corndog_70 (O), Cornie_31 (F5), Cornucopia_32 (F1), Cosmo_52 (V), Crumble_25 (F1), DLane_31 (F1), DRBy19_31 (F1), DaWorst_33 (F1), DaddyRickover_31 (F1), Daenerys_31 (F1), Dante_31 (F1), DeadP_31 (F1), Deb65_31 (F1), DillTech15_31 (F1), DirtMcgirt_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), Dylan_67 (O), Emma_33 (F1), Empress_32 (F1), EniyanLRS_49 (V), Eradicator_31 (F1), Estave1_29 (F1), Familton_68 (O), Fancypants_31 (F1), Fastidio_33 (F1), Filuzino_31 (F1), Firecracker_69 (O), Firehouse51_32 (F1), Flathead_31 (F1), Florinda_31 (F1), FoulBall_67 (O), Frankie_35 (F1), FreddyB_31 (F1), Fruitloop_30 (F1), GUmbie_31 (F1), Galactic_33 (F1), Gandolph_32 (F1), Geralt_31 (F1), GigiOuiOui_31 (F1), Girafales_32 (F1), Gorge_31 (F1), Guppsters_33 (F1), Hades_32 (F1), Harley_31 (F1), Hegedechwinu_32 (F1), Hlubikazi_32 (F1), IMPilo_30 (F1), Ibhubesi_31 (F1), Idergollasper_67 (O), Inventum_31 (F1), IrishSherpFalk_33 (F1), JalFarm20_34 (F1), James_31 (F1), JangDynasty_67 (O), Jarcob_31 (F1), Jinglebell_30 (F1), Job42_35 (F1), JoeyJr_31 (F1), Juice456_32 (F1), Juniper1_31 (F1), Karhdo_31 (F1), Kenuha5_28 (F1), Kersh_30 (F1), KingMidas_33 (F1), Koella_25 (F1), Krakatau_32 (F1), Krili_66 (O), KristaRAM_32 (F1), LastJedi_25 (F1), Latretium_32 (F1), Leozinho_33 (F1), Leperchaun_31 (F1), LilMoolah_31 (F1), LittleShirley_34 (F1), Lizziana_31 (F1), Llama_31 (F1), Llij_31 (F1), LunaBlu_34 (F1), MadKillah_68 (O),

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), Melissauren88_31 (F1), MilanaBonita_25 (F1), MilleniumForce_32 (F1), MinionDave_34 (F1), Minnie_33 (F1), Misha28_32 (F1), Modragons_31 (F1), MooMoo_29 (singleton), Moonbeam_32 (F1), Mori_67 (O), Mova_32 (F1), Mozy_33 (F1), Ms6_25 (F1), MulchExplorer_34 (F1), MulchSalad_30 (F), Murai_68 (O), Mutaforma13_31 (F1), Nebkiss_35 (X), NiebruSaylor_66 (O), 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), OwlsT2W_32 (F1), PHappiness_31 (F1), PMC_31 (F1), Pacc40_31 (F1), Phalconet_31 (F1), Phanphagia_28 (F1), Phasih_32 (F1), Phatniss_32 (F1), PhesterPotato_31 (F1), Philus_31 (F1), Piper2020_33 (F1), Pippy_25 (F1), Plumbus_33 (F1), Poenanya_31 (F1), Polka14_32 (F1), Pollywog_31 (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), Ryadel_71 (O), Saal_31 (F1), Sabbb_32 (F1), Sandalphon_32 (F1), Sarma624_27 (F1), Sassafras_32 (F1), SassyB_31 (F1), SchoolBus_67 (O), Schuy_68 (O), Scottish_32 (F1), Sebastian_31 (F1), Seagreen_32 (F1), Shauna1_28 (F1), ShiLan_31 (F1), Shida_67 (O), ShowerHandel_31 (F1), ShroomBoi_28 (F1), SiSi_31 (F1), SimranZ1_34 (F1), Smooch_70 (O), Sparkdehlily_31 (F1), Spartacus_33 (F1), Spikelee_33 (F1), Spoonbill_31 (F1), Stap_32 (F1), Starcevich_35 (F1), Strokeseat_32 (F1), SuperGrey_32 (F1), SwagPiggett_31 (F1), TDanisky_31 (F1), Taj_31 (F1), TelAviv_64 (O), TootsiePop_32 (F1), Tootsieroll_32 (F1), Toron_32 (F6), Totinger_32 (F1), Tweety_31 (F1), UncleRicky_34 (F1), VRedHorse_31 (F1), Vagabond_65 (O), Velveteen_27 (F1), Veteran_31 (F1), Vorrps_67 (O), Wachhund_31 (F1), Wee_32 (F1), Whatsapiecost_32 (F1), Whouxphf_32 (F1), Wildcat_52 (V), Wildflower_67 (O), WillSterrel_33 (F1), Winget_68 (O), XFactor_31 (F1), Yorick_31 (F1), YungJamal_72 (O), Zakhe101_66 (O), Zerg_31 (F1), Zizzle_31 (F1),

Start 57:

- Found in 2 of 1697 (0.1%) of genes in pham
- Manual Annotations of this start: 2 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aegeus_29 (L5), Baudelaire_29 (L5),

Start 59:

- Found in 96 of 1697 (5.7%) of genes in pham
- Manual Annotations of this start: 93 of 1576
- 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), BreSam8_12 (A3), BuzzBuzz_11 (A3), Bxz2_12 (A3), Calvinny_13 (A3), Caviar_11 (A3), Colbster_12 (A3), Cullens_12 (A3), DaHudson_12 (A3), Dieselweasel_12 (A3), EpicPhail_12 (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), 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), 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), 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_13 (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), Todacoro_11 (A3), Veracruz_10 (A3), Vix_12 (A3), Watson_12 (A3), Wooldri_14 (A3), Zetzy_11 (A3),

Start 60:

- Found in 1 of 1697 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: DS6A_31 (singleton),

Start 62:

- Found in 266 of 1697 (15.7%) of genes in pham
- Manual Annotations of this start: 3 of 1576
- Called 1.1% of time when present
- Phage (with cluster) where this start called: EasyJones_253 (C1), Izajani_248 (C1), Pinkcreek_232 (C1),

Start 66:

- Found in 219 of 1697 (12.9%) of genes in pham
- Manual Annotations of this start: 202 of 1576
- Called 96.3% of time when present
- Phage (with cluster) where this start called: A6_08 (A1), AFIS_10 (A1), Abbyshoes_11 (A1), Abrogate_110 (A1), Acme_11 (A1), Adahisdi_11 (A1), Aeneas_12 (A1), Agaliana_10 (A1), Ajay_10 (A1), Alsfro_14 (A1), Altman_11 (A1), Alvin_11 (A1), Anglerfish_10 (A1), Applejack_10 (A1), Arcanine_10 (A1), Arlo_9 (A1), Ashballer_8 (A1), Atkinbua_10 (A1), BK1_08 (A1), BPBiebs31_11 (A1), BaconJack_12 (A1), Barriga_10 (A1), Beatrix_9 (A1), BeesKnees_10 (A1), Bethlehem_10 (A1), Bexan_9 (A1), Big3_10 (A1), BigMau_11 (A1), BigPaolini_11 (A1), Bigfoot_9 (A1), BillKnuckles_11 (A1), Bircsak_10 (A1), BluSpix_10 (A1), Blue_10 (A1), Bob3_9 (A1), Bones_10 (A1), Briton15_11 (A1), Bruns_8 (A1), Burton_10 (A1), Buttons_11 (A1), Bxb1_9 (A1), CactusRose_9 (A1), Carlyle_12 (A1), Chanagan_9 (A1), Ciao_10 (A1), Conceptll_10 (A1), Corvo_10 (A1), Crispicous1_9 (A1), DD5_11 (A1), Dexes_11 (A1), Doom_10 (A1), DrFeelGood_9 (A1), DreamCatcher_11 (A1), Dreamboat_11 (A1), Dulcie_9 (A1), Dussy_11 (A1), Dynamix_10 (A1), Edtherson_11 (A1), Espresso_10 (A1), Euphoria_10 (A1), Eyeball_10 (A1), Fajezeel_11 (A1), Fascinus_9 (A1), Fenn_10 (A1), Forsytheast_9 (A1), Francis47_10 (A1), Fushigi_10 (A1), GMonster_9 (A1), GageAP_11 (A1), Gandalf20_11 (A1), Gompeii16_10 (A1), Graduation_12 (A1), GrecoEtereo_11 (A1), Greg_11 (A1), Gwendoluna_11 (A1), Gyzlar_11 (A1), Hami1_11 (A1), HanShotFirst_10 (A1), HarryOW_11 (A1), Hermia_12 (A1), HermioneGrange_11 (A1), Homines_10 (A1), Hope4ever_10 (A1), ILeeKay_12 (A1), Ichabod_10 (A1), IgnatiusPatJac_9 (A1), Inyanga_9 (A1), JC27_12 (A1), JackSparrow_10 (A1), Jasper_11 (A1), Jerm2_10 (A1), Jorgensen_10 (A1), JuliaChild_12 (A1), KBG_11 (A1), KSSJEB_9 (A1), Kanely_11 (A1), Kenmech_12 (A1), Killigrew_8 (A1), Kugel_11

(A1), KyMonks1A_12 (A1), Kykar_8 (A1), Lamina13_10 (A1), Lesedi_9 (A1), LilBib_11 (A1), Lockley_10 (A1), Lopton_11 (A1), MPlant7149_9 (A1), Magnar_10 (A1), Magnito_9 (A1), Makemake_10 (A1), Manatee_10 (A1), Marcell_10 (A1), Marge_10 (A1), Maroc7_9 (A1), Marsha_10 (A1), MaryBeth_10 (A1), McGuire_10 (A1), MetalQZJ_10 (A1), Michley_10 (A1), Mkhuseleli_9 (A1), Molly_11 (A1), Monet_11 (A1), Moose_9 (A1), MrGordo_10 (A1), Mryolo_9 (A1), Mule_10 (A1), Museum_11 (A1), NEHalo_10 (A1), Naira_10 (A1), Nhonho_10 (A1), Niza_11 (A1), Norz_12 (A1), 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), Pelly_11 (A1), Pepe_11 (A1), Perseus_11 (A1), Peterson_13 (A1), Petp2012_12 (A1), Petruccio_10 (A1), PherrisBueller_11 (A1), PhrostyMug_10 (A1), PinkPlastic_8 (A1), Pinto_12 (A1), Pippin_11 (A1), Pita2_12 (A1), ProMouse_9 (A1), QTRlifeCrisis_10 (A1), Rajelicia_9 (A1), Rhynn_10 (A1), RidgeCB_10 (A1), Ringer_10 (A1), Rohr_11 (A1), 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), ShortQueendom_9 (A1), Sibs6_11 (A1), SkiPole_12 (A1), Slagathor_10 (A1), Smairt_11 (A1), Smeagol_11 (A1), 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), SwissCheese_10 (A1), Switzer_10 (A1), Target_11 (A1), Tasp14_11 (A1), Teodoridan_8 (A1), TheloniousMonk_11 (A1), Thor_10 (A1), Tote_12 (A1), Traft412_12 (A1), Treddle_11 (A1), Tripl3t_11 (A1), Trouble_10 (A1), Turj99_9 (A1), TwoPeat_11 (A1), U2_9 (A1), Violet_9 (A1), Watermelon_12 (A1), Wheeler_10 (A1), Wilkins_10 (A1), Zeeculate_9 (A1), Zephyr_10 (A1), Zeuska_11 (A1),

Start 67:

- Found in 63 of 1697 (3.7%) of genes in pham
- Manual Annotations of this start: 52 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 20ES_11 (A2), 40AC_14 (A17), AN3_11 (A2), AnnaL29_14 (A2), ArcherNM_13 (A2), Baehexic_12 (A2), BengiVuitton_12 (A2), Benvolio_11 (A2), BiancaTri92_13 (A2), CRB1_11 (A2), Centaur_13 (A2), Changeling_14 (A2), Chupacabra_10 (A10), Colin_15 (A2), Daishi_11 (A3), Deloris_12 (A2), DontArgue_9 (A10), Drake55_13 (A2), Drake94_9 (A10), DroogsArmy_11 (A7), DustyMartin_13 (A10), EZMoney23_15 (A2), Eaglepride_11 (A10), Echild_11 (A2), Edison31_10 (A10), Equemioh13_13 (A2), First_0011 (A2), Flare16_11 (A2), Goose_10 (A10), HINdeR_10 (A7), HarryHoudini_13 (A2), Iwokeuplikedis_11 (A2), Kalpine_14 (A2), KittenMittens_9 (A10), Kristoff_11 (A10), LadyBird_11 (A2), Leogania_13 (A2), Loser_14 (A2), MiculUcigas_11 (A2), NaSiaTalie_11 (A2), NothingSpecial_13 (A2), OKCentral2016_10 (A10), PeaceMeal1_9 (A10), Piro94_12 (A2), Poompha_9 (A10), Rebeuca_11 (A10), RedRock_14 (A2), Refuge_14 (A12), RhynO_11 (A10), Rowdy_13 (A10), Severus_9 (A10), Shapes_13 (A10), Timshel_11 (A7), Topanga_10 (A10), Trike_8 (A10), Trixie_14 (A2), Twister_10 (A10), Updawg_13 (A2), VA6_11 (A2), WalterMcMickey_10 (A10), WeiHuaDA_17 (A2), WideWale_13 (A2), Zimmer_13 (A12),

Start 71:

- Found in 10 of 1697 (0.6%) of genes in pham
- Manual Annotations of this start: 10 of 1576
- Called 100.0% of time when present

- Phage (with cluster) where this start called: BoostSeason_30 (K2), DismalFunk_29 (K2), DismalStressor_29 (K2), Findley_29 (K2), Marcoliusprime_29 (K2), Milly_29 (K2), Mufasa_30 (K2), Strobilo_29 (K2), TM4_30 (K2), ZoeJ_29 (K2),

Start 73:

- Found in 15 of 1697 (0.9%) of genes in pham
- Manual Annotations of this start: 10 of 1576
- Called 73.3% of time when present
- Phage (with cluster) where this start called: Ariel_48 (J), Bobby_48 (J), Courthouse_48 (J), Gonephishing_50 (J), Kumao_39 (singleton), Lucky2013_48 (J), MiaZeal_48 (J), Porcelain_47 (J), Squint_47 (J), Superphikiman_48 (J), Thibault_42 (J),

Start 74:

- Found in 24 of 1697 (1.4%) of genes in pham
- Manual Annotations of this start: 17 of 1576
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Acolyte_11 (A2), BourbonZero_27 (L3), Clautastrophe_28 (L3), DuncansLeg_28 (L3), Ellson_28 (L3), Finnry_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), Whirlwind_29 (L3),

Start 76:

- Found in 52 of 1697 (3.1%) of genes in pham
- Manual Annotations of this start: 22 of 1576
- Called 57.7% 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), Miley16_28 (L2), MkaliMitinis3_28 (L2), Netyap_28 (L2), Nicholasp3_28 (L2), Sarshaun_28 (L2), Soap141_28 (L2), Tourach_28 (L2), Vetrix_28 (L2), Wigglewiggles_28 (L2), Wilder_28 (L2), Winky_28 (L2), ZhongYanYuan_27 (L2),

Start 77:

- Found in 224 of 1697 (13.2%) of genes in pham
- Manual Annotations of this start: 5 of 1576
- Called 2.2% of time when present
- Phage (with cluster) where this start called: Cueyllyss_10 (A1), Froghopper_11 (A1), Licorice_12 (A1), Marchy_9 (A1), Topgun_10 (A1),

Start 81:

- Found in 3 of 1697 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Imvubu_41 (B10),

Start 83:

- Found in 4 of 1697 (0.2%) of genes in pham
- Manual Annotations of this start: 4 of 1576

- 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 84:

- Found in 75 of 1697 (4.4%) of genes in pham
- Manual Annotations of this start: 68 of 1576
- Called 97.3% of time when present
- Phage (with cluster) where this start called: 39HC_042 (B6), 40BC_042 (B6), AbbyPaige_13 (A2), AbbysRanger_10 (A4), Agape74_13 (A2), Anselm_11 (A2), Aziz_43 (M2), BabyBack_13 (A2), Backyardigan_10 (A4), Bactobuster_12 (A2), BobSwaget_14 (A2), Buggy_13 (A2), Bumblebee11_10 (A4), ChipMunk_13 (A2), Crucio_11 (A2), Dalmatian_11 (A2), Datway_10 (A4), Dignity_13 (A2), DudeLittle_11 (A2), Estes_44 (M2), Fameo_11 (A2), FiringLine_11 (A2), GardenSalsa_43 (M2), GaugeLDP_13 (A2), GenevaB15_43 (M2), Georgie2_12 (A2), Heffalump_13 (A2), Hosp_040 (B6), IronMan_13 (A2), Jaan_14 (A2), Jerm_13 (A2), Jolie1_042 (B6), JoshKayV_13 (A2), Katalie136_10 (A4), KayaCho_42 (B6), KingCyrus_13 (A2), Kinmap_10 (A21), Landor_12 (A2), Larenn_12 (A2), Leviathan_13 (A2), LilMcDreamy_46 (B12), LilTurb_13 (A2), LittleGuy_10 (A4), Lokk_14 (A2), Malec_12 (A2), Miko_14 (A2), Morpher26_10 (A4), MrMagoo_43 (M2), Nanosmite_43 (M3), NicoleTera_15 (A2), Nyxis_10 (A4), Perplexer_10 (A4), PetiteSangsue_10 (A4), Phaded_14 (A2), Phontbonne_10 (A4), Power_11 (A2), Pukovnik_13 (A2), QueenB2_11 (A2), QueenBeesly_11 (A2), Rachaly_14 (A2), Retro23_11 (A2), Rey_43 (M2), SemperFi_13 (A2), Shygu2_10 (A4), Smeagan_13 (A2), SnapTap_11 (A2), SweetiePie_11 (A2), TarsusIV_11 (A2), Trooper_11 (A2), Turbido_13 (A2), Whabigail7_13 (A2), Wile_10 (A4), XianYue_11 (A2),

Start 85:

- Found in 13 of 1697 (0.8%) of genes in pham
- Manual Annotations of this start: 13 of 1576
- Called 100.0% 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), Glaske16_39 (M1), IPhane7_38 (M1), LilhomieP_37 (M1), PegLeg_38 (M1), Reindeer_38 (M1), Skinny_39 (M1), SlimJimmy_37 (M1), TyDawg_38 (M1),

Start 86:

- Found in 350 of 1697 (20.6%) of genes in pham
- Manual Annotations of this start: 111 of 1576
- Called 32.6% 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_52 (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), Kingmustik0402_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), LochMonster_10 (A4), Lorenzo_10 (A4), Lunsford_11 (A4), Maverick_10 (A4), Maxo_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), Felipe_10 (A4), Phighter1804_10 (A4), Polymorphads_10 (A4), Pumbaa_10 (A4), Relief_10 (A4), Romney_10 (A4), Roosevelt_10 (A4), Rosa24_9 (A4), Ruin_10 (A4), Sabertooth_10 (A4), Scamp_10 (A4), Shaka_10 (A4), SheldonCooper_10 (A4), Skipitt_10 (A4), Sparxx_10 (A4), Spino_10 (A4), Stasia_11 (A4), Stink_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 87:

- Found in 502 of 1697 (29.6%) of genes in pham
- Manual Annotations of this start: 14 of 1576
- Called 3.2% 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), Holli_10 (A4), ICleared_10 (A4), Medusa_10 (A4), MeeZee_10 (A4), Melvin_10 (A4), Nerujay_11 (A1), Peaches_10 (A4), Pipcraft_10 (A4), Sandaddy_9 (A1), Swole_12 (A1),

Start 94:

- Found in 47 of 1697 (2.8%) of genes in pham
- Manual Annotations of this start: 3 of 1576
- Called 8.5% of time when present
- Phage (with cluster) where this start called: Barnyard_40 (H2), Bellis_28 (L3), DrLupo_42 (H2), NoShow_27 (AB),

Start 97:

- Found in 49 of 1697 (2.9%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 2.0% of time when present
- Phage (with cluster) where this start called: Luchador_11 (A14),

Start 102:

- Found in 48 of 1697 (2.8%) of genes in pham
- Manual Annotations of this start: 45 of 1576
- Called 97.9% 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), Chandler_47 (B3), Compostia_48 (B3), Corofin_47 (B3), Daisy_47 (B3), Deenasa_47 (B3), Devonte_47 (B3), Gadget_48 (B3), Gervas_47 (B3), GlenHope_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), MmasiCarm_47 (B3), Mortcellus_46 (B3), Morty007_47 (B3), Neos5_47 (B3), Nozo_47 (B3), Obutu_47 (B3), OrangeOswald_47 (B3), Phaedrus_45 (B3), Phayeta_48 (B3), Philly_46 (B3), Phlyer_47 (B3), Pipefish_49 (B3), RagingRooster_47 (B3), Rita1961_47 (B3), RomaT_47 (B3), SlippinJimmy_47 (B3), SynergyX_47 (B3), Tydolla_47 (B3), Yahalom_47 (B3), Yinz_47 (B3),

Start 104:

- Found in 176 of 1697 (10.4%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 0.6% of time when present
- Phage (with cluster) where this start called: EvilGenius_13 (A2),

Start 106:

- Found in 201 of 1697 (11.8%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 0.5% of time when present
- Phage (with cluster) where this start called: Nemo27_10 (A4),

Start 107:

- Found in 19 of 1697 (1.1%) of genes in pham
- Manual Annotations of this start: 3 of 1576
- Called 15.8% of time when present
- Phage (with cluster) where this start called: Labelle_41 (U), Madruga_40 (U), Patience_42 (U),

Start 108:

- Found in 45 of 1697 (2.7%) of genes in pham
- Manual Annotations of this start: 40 of 1576
- Called 91.1% of time when present
- Phage (with cluster) where this start called: BAKA_53 (J), Beem_49 (J), Bombitas_46 (J), Candle_39 (R), Constella_41 (J), Dallas_51 (J), DmpstrDiver_50 (J), Dove_46 (J), Duke13_52 (J), Ejimix_49 (J), EricMillard_49 (J), 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), MontyDev_39 (R), NihilNomen_48 (J), Nilo_40 (R), Omega_53 (J), Optimus_54 (J), Papyrus_39 (R), Phoebus_48 (J), Pound_51 (J), Redno2_47 (J), Riparian_39 (R), Rope_39 (R), Schatzie_46 (J), Send513_39 (R), ThreeRngTarjay_47 (J), Wanda_55 (J), Weiss13_39 (R), Yeet_47 (J), Yelo_39 (R), Zenon_40 (R),

Start 113:

- Found in 22 of 1697 (1.3%) of genes in pham
- Manual Annotations of this start: 21 of 1576
- Called 95.5% of time when present
- Phage (with cluster) where this start called: Avani_36 (F2), Che9d_36 (F2), Demsculpinboyz_36 (F2), EleanorGeorge_32 (F1), Enby_33 (F1), Girr_33 (F1), Jabbawokkie_39 (F2), Kingsley_30 (F1), LilSpotty_32 (singleton), Lorde_33 (F1), LunaStella_33 (F4), MisterCuddles_33 (F1), Ovechkin_32 (F1), Ruby_33 (F1), SG4_32 (F1), Soul22_36 (F2), StAnnes_30 (F1), TChen_31 (F4), ThetaBob_30 (F4), Yoshi_38 (F2), Zapner_38 (F2),

Start 114:

- Found in 3 of 1697 (0.2%) of genes in pham
- Manual Annotations of this start: 3 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aikoy_46 (AE), Leopard_46 (AE), Onyinye_47 (AE),

Start 117:

- Found in 25 of 1697 (1.5%) of genes in pham
- No Manual Annotations of this start.
- Called 4.0% of time when present
- Phage (with cluster) where this start called: Jobypre_28 (L3),

Start 122:

- Found in 35 of 1697 (2.1%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 8.6% of time when present
- Phage (with cluster) where this start called: Bagrid_48 (J), Odette_49 (J), Zelink_50 (J),

Start 129:

- Found in 459 of 1697 (27.0%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 0.2% of time when present
- Phage (with cluster) where this start called: Hamulus_32 (F1),

Start 137:

- Found in 57 of 1697 (3.4%) of genes in pham
- Manual Annotations of this start: 50 of 1576
- Called 89.5% of time when present
- Phage (with cluster) where this start called: AgentM_8 (A5), Airmid_8 (A5), Aragog_8 (A5), Archetta_8 (A5), Astro_8 (A8), Benedict_8 (A5), Bluefalcon_7 (A5), Bonamassa_8 (A5), Chadwick_9 (A5), Conspiracy_8 (A5), Coog_8 (A5), Cuco_8 (A5), Danforth_7 (A8), Discoknowium_8 (A5), Dixon_8 (A8), Dublin_7 (A5), EITiger69_8 (A5), Expelliarmus_7 (A8), ForGetIt_8 (A5), George_7 (A5), Ghouboy_8 (A5), Groundhog_7 (A8), HuhtaEnerson15_8 (A5), Jabiru_8 (A5), Jovo_8 (A5), Lev2_8 (A5), LittleCherry_8 (A5), MarysWell_7 (A5), Micasa_8 (A5), Midas2_8 (A5), Milcery_8 (A5), Naca_8 (A5), NearlyHeadless_8 (A8), P3MA_30 (singleton), PetterN_9 (A5), Phillis_8 (A8), Phlorence_8 (A5), PickleBack_8 (A5), Roary_8 (A8), Saintus_8 (A8), Scorpia_9 (A5), Smeadley_8 (A8), Stephig9_8 (A8), Swirley_8 (A5), SydNat_8 (A5), Tarynearal_7 (A5), Theia_7 (A5), Tiger_8 (A5), Twigg_8 (A5), UnionJack_8 (A5), Zolita_7 (A5),

Start 138:

- Found in 23 of 1697 (1.4%) of genes in pham
- Manual Annotations of this start: 3 of 1576
- Called 13.0% of time when present
- Phage (with cluster) where this start called: Journey13_9 (A2), MissWhite_11 (A2), TipsytheTRex_10 (A2),

Start 165:

- Found in 149 of 1697 (8.8%) of genes in pham
- Manual Annotations of this start: 123 of 1576
- Called 87.9% 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), Bench_37 (E), BigBubba_36 (E), BilboSwaggins_35 (E), Bruin_35 (E), Buck_34 (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), Czyszczone1_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), Gage_37 (E), Gator_33 (E), Gemini_38 (E), Glexan_33 (E), Goku_35 (E), GoldenSpark_37 (E), Goldilocks_36 (E), GooberAzure_37 (E), HanKaySha_36 (E), Harella_34 (E), Henry_36 (E), Highbury_36 (E), Holt_36 (E), Hoonter_37 (E), Hokey_37 (E), HufflyPuff_34 (E), IHOP_35 (E), Icee_34 (E), Inca_34 (E), JeTaime_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), Mosby_34 (E), Murica_34 (E), Murphy_36 (E), Myrale_35 (E), Nala_35 (E), NelitzaMV_35 (E), Nimrod_35 (E), NoSleep_36 (E), OrionPax_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_36 (E), Porky_35 (E), Pumpkin_37 (E), Quallification_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), TBrady12_37 (E), Tarkin_37 (E), TeardropMSU_34 (E), Teaspoon_36 (E), Terminus_35 (E), Thresher_36 (E), Tomaszewski_34 (E), Toto_35 (E), Traaww1_33 (E), Tuco_36 (E), Ukulele_35 (E), Wiggin_38 (E), Willez_34 (E), Xandras_37 (E), YassJohnny_36 (E), Youngblood_35 (E), xkcd_36 (E),

Start 170:

- Found in 1 of 1697 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Indulamithi_36 (AC),

Start 173:

- Found in 21 of 1697 (1.2%) of genes in pham
- Manual Annotations of this start: 20 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Boilgate_28 (K8), Chancellor_32 (K4), Cheetobro_32 (K4), Eponine_34 (K4), Fionnbharth_32 (K4), JF1_32 (K4), Juliette_34 (K4), Kraw_33 (K4), Malthus_33 (K4), MissDaisy_32 (K4), Mitti_32 (K4), OmniCritical_32 (K4), Patt_32 (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),

Start 174:

- Found in 437 of 1697 (25.8%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 0.2% of time when present
- Phage (with cluster) where this start called: Kimberlium_33 (F1),

Start 184:

- Found in 1 of 1697 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Phantastic_10 (A3),

Start 187:

- Found in 18 of 1697 (1.1%) of genes in pham
- Manual Annotations of this start: 16 of 1576
- Called 94.4% of time when present
- Phage (with cluster) where this start called: Agent47_30 (K5), AlleyCat_31 (K5), Amelie_27 (K1), Biglebops_27 (K1), Collard_30 (K5), Dadosky_31 (K5), Edugator_30 (K5), Enkosi_27 (K1), InvictusManeo_30 (K5), Larva_31 (K5), LilPharaoh_27 (K1), Mdavu_27 (K1), Nikao_27 (K1), Nutello_27 (K1), Psycho_31 (K5), SgtBeansprout_27 (K1), Torres_27 (K1),

Start 189:

- Found in 167 of 1697 (9.8%) of genes in pham
- Manual Annotations of this start: 154 of 1576
- Called 100.0% 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), Asayake_31 (K1), Atiba_31 (K1), B1_08 (A3), BEEST_31 (K1), BGIlluviae_31 (K1), BabyJohn_9 (A3), BabyRay_10 (A3), BaghaKamala_31 (K1), BarrelRoll_31 (K1), Beezoo_31 (K1), Bella96_31 (K1), Belladonna_31 (K1), Blizzard_31 (K1), BlueBird_11 (A3), Boiiii_31 (K1), Bryler_31 (K6), Bugatti_10 (A3), CREW_31 (K1), Cain_31 (K6), Capricorn_31 (K1), CaseJules_31 (K1), CheetoDust_31 (K1), Chiqui_9 (A3), Chris_30 (K1), CrimD_31 (K1), Curiosium_32 (K1), Dalmuri_31 (K1), DarthP_30 (K6), Dartin_31 (K1), Deby_31 (K1), Devera_31 (K1), Dole_31 (K1), DrHayes_31 (K1), DropBear_10 (A3), Durfee_31 (K1), Efra2_31 (K1), Ekdilam_28 (K6), Ellie_28 (K6), Emerson_31 (K1), Fefferhead_30 (K6), Feyre_30 (K5), Fred313_10 (A3), Ganymede_32 (K1), Gengar_30 (K5), Geraldini_31 (K1), Giroux_10 (A3), Guanica15_31 (K1), Guillsminger_30 (K5), Hammy_30 (K6), Heathen_10 (A3), HedwigODU_31 (K1), Heftyboy_30 (K5), HelDan_10 (A3), Homura_31 (K1), Hurricane_32 (K3), Hyperbowlee_31 (K1), Idleandcovert_10 (A3), Illumine_31 (K1), Inky_31 (K1), Isca_10 (A3), JAWS_31 (K1), JF2_10 (A3), JF4_10 (A3), Jarvi_31 (K1), Jayhawk_31 (K1), Jeckyll_31 (K1), Joy99_31 (K1), Kachowdy_10 (A3), Keshu_32 (K3), KiSi_30 (K1), Krueger_31 (K6), LastHope_31 (K1), LaterM_31 (K1), LeMond_30 (K1), Leston_30 (K5), LindNT_31 (K1), Llorens_31 (K1), Lunahalos_31 (K1), MA5_10 (A3), MK4_10 (A3), MacnCheese_32 (K3), MalagasyRose_31 (AG), Marchesa_10 (A3), MarkPhew_31 (K1), Marshawn_32 (K6), McMater_31 (K1), MeaningOfLife_31 (K1), Megsy_31 (K1), Miryou_30 (K5), Murucutumbu_31 (K1), Mynx_31 (K1), Nibb_30 (K1), Niklas_31 (K1), 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), PhelpsODU_31 (K6), Phrank_31 (K6), Piatt_31 (K1), Pistachio_11 (A3), Pixie_31 (K3), Pokerus_30 (K1), Prithvi_31 (K1), Puppy_11 (A3), QuincyRose_30 (K1), Ramen_31 (K1), Rando14_31 (K5), Rapunzel97_31 (K1), Richo_31 (K1), Rockstar_10 (A3), Rosmarinus_31 (K1), SamuelLPlaqson_31 (K1), SaturnRing_10 (A3), Scarlett_30 (K1), Scout_10 (A3), Shadow1_30 (K6), Shaobing_31 (K1), ShedlockHolmes_32 (K3), ShiaSurprise_31 (K1), Slimphazie_31 (K1), SoSeph_30 (K5), Spock_31 (K1), Stinson_32 (K1), Sulley_31 (K1), Sunflower1121_30 (K6), Syra333_31 (K6), TBond007_31 (K3), TNguyen7_10 (A3), Tachez_31 (K1), TaiwanKao_32 (K1), Thyatira_30 (K5), Tierra_31 (K6), TingHuaYa_31 (K1), TiniBug_31 (K1), Tiri_31 (K1), Topper_31 (K1), TreyKay_31 (K1), TribbleTrouble_30 (K3), TruffulaTree_31 (K1), Twitch_31 (K1), Unicorn_31 (K6), Urkel_31 (K1), Validus_31 (K1), Veliki_31 (K1), Waterfoul_30 (K5), Ximenita_32 (K6), YoureAdopted_30 (K1), Yuna_32 (K6), Yunkel11_31 (K1), Zabiza_31 (K1), Zavala_31 (K1),

Start 191:

- Found in 5 of 1697 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 1576
- Called 60.0% of time when present
- Phage (with cluster) where this start called: Nergal_27 (AG), SirPhilip_30 (K6), TClif_32 (K6),

Start 192:

- Found in 4 of 1697 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 75.0% of time when present
- Phage (with cluster) where this start called: FlyCatcher_14 (A7), Sheen_12 (A7), Toro_13 (A7),

Start 197:

- Found in 34 of 1697 (2.0%) of genes in pham
- Manual Annotations of this start: 16 of 1576
- Called 61.8% of time when present
- Phage (with cluster) where this start called: AN9_14 (A2), ANI8_14 (A2), Bradman_10 (A2), C3_09 (A2), D29_12 (A2), D32_14 (A2), DBQu4n_14 (A2), Duplo_14 (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), VC3_14 (A2),

Start 199:

- Found in 21 of 1697 (1.2%) of genes in pham
- Manual Annotations of this start: 2 of 1576
- Called 9.5% of time when present
- Phage (with cluster) where this start called: Kimona_7 (A19), PP_20 (A7),

Start 203:

- Found in 549 of 1697 (32.4%) of genes in pham
- Manual Annotations of this start: 1 of 1576
- Called 0.4% of time when present
- Phage (with cluster) where this start called: IbOuu_33 (F1), Kratio_29 (K5),

Summary by clusters:

There are 55 clusters represented in this pham: singleton, M3, M2, AC, A21, K3, K2, K1, M1, K6, K5, K4, AE, K8, A14, A17, A10, A12, A19, A1, A3, A2, A5, A4, A7, A8, C1, B10, V, AB, E, AG, F, B12, J, O, L4, R, L2, L3, L1, X, F1, F2, F4, F5, F6, H2, B6, L5, K7, B3, U, B9, B13,

Info for manual annotations of cluster A1:

- Start number 66 was manually annotated 202 times for cluster A1.
- Start number 77 was manually annotated 5 times for cluster A1.
- Start number 87 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:

- Start number 67 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A12:

- Start number 67 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 97 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A19:

- Start number 199 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 67 was manually annotated 29 times for cluster A2.
- Start number 74 was manually annotated 1 time for cluster A2.
- Start number 84 was manually annotated 46 times for cluster A2.
- Start number 104 was manually annotated 1 time for cluster A2.
- Start number 138 was manually annotated 3 times for cluster A2.
- Start number 197 was manually annotated 16 times for cluster A2.

Info for manual annotations of cluster A3:

- Start number 59 was manually annotated 93 times for cluster A3.
- Start number 67 was manually annotated 1 time for cluster A3.
- Start number 184 was manually annotated 1 time for cluster A3.
- Start number 189 was manually annotated 17 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 84 was manually annotated 13 times for cluster A4.
- Start number 86 was manually annotated 110 times for cluster A4.
- Start number 87 was manually annotated 13 times for cluster A4.
- Start number 106 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:

- Start number 137 was manually annotated 38 times for cluster A5.

Info for manual annotations of cluster A7:

- Start number 67 was manually annotated 3 times for cluster A7.
- Start number 192 was manually annotated 1 time for cluster A7.
- Start number 199 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:

- Start number 137 was manually annotated 11 times for cluster A8.

Info for manual annotations of cluster AB:

- Start number 94 was manually annotated 1 time for cluster AB.

Info for manual annotations of cluster AC:

- Start number 170 was manually annotated 1 time for cluster AC.

Info for manual annotations of cluster AE:

- Start number 114 was manually annotated 3 times for cluster AE.

Info for manual annotations of cluster AG:

- Start number 189 was manually annotated 1 time for cluster AG.
- Start number 191 was manually annotated 1 time for cluster AG.

Info for manual annotations of cluster B10:

- Start number 81 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B12:

- Start number 84 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 83 was manually annotated 1 time for cluster B13.
- Start number 86 was manually annotated 1 time for cluster B13.

Info for manual annotations of cluster B3:

- Start number 102 was manually annotated 45 times for cluster B3.

Info for manual annotations of cluster B6:

- Start number 84 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B9:

- Start number 83 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster C1:

- Start number 49 was manually annotated 167 times for cluster C1.
- Start number 62 was manually annotated 3 times for cluster C1.

Info for manual annotations of cluster E:

- Start number 165 was manually annotated 123 times for cluster E.

Info for manual annotations of cluster F1:

- Start number 23 was manually annotated 1 time for cluster F1.
- Start number 55 was manually annotated 202 times for cluster F1.
- Start number 113 was manually annotated 10 times for cluster F1.
- Start number 129 was manually annotated 1 time for cluster F1.
- Start number 174 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F2:

- Start number 113 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F4:

- Start number 55 was manually annotated 1 time for cluster F4.
- Start number 113 was manually annotated 3 times for cluster F4.

Info for manual annotations of cluster F5:

- Start number 55 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster H2:

- Start number 94 was manually annotated 2 times for cluster H2.

Info for manual annotations of cluster J:

- Start number 73 was manually annotated 9 times for cluster J.
- Start number 108 was manually annotated 30 times for cluster J.
- Start number 122 was manually annotated 1 time for cluster J.

Info for manual annotations of cluster K1:

- Start number 187 was manually annotated 8 times for cluster K1.
- Start number 189 was manually annotated 95 times for cluster K1.

Info for manual annotations of cluster K2:

- Start number 71 was manually annotated 10 times for cluster K2.

Info for manual annotations of cluster K3:

- Start number 189 was manually annotated 8 times for cluster K3.

Info for manual annotations of cluster K4:

- Start number 173 was manually annotated 19 times for cluster K4.

Info for manual annotations of cluster K5:

- Start number 187 was manually annotated 8 times for cluster K5.
- Start number 189 was manually annotated 13 times for cluster K5.
- Start number 203 was manually annotated 1 time for cluster K5.

Info for manual annotations of cluster K6:

- Start number 189 was manually annotated 20 times for cluster K6.
- Start number 191 was manually annotated 2 times for cluster K6.

Info for manual annotations of cluster K7:

- Start number 55 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:

- Start number 173 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster L1:

- Start number 54 was manually annotated 19 times for cluster L1.

Info for manual annotations of cluster L2:

- Start number 54 was manually annotated 6 times for cluster L2.
- Start number 76 was manually annotated 22 times for cluster L2.

Info for manual annotations of cluster L3:

- Start number 74 was manually annotated 16 times for cluster L3.

Info for manual annotations of cluster L4:

- Start number 54 was manually annotated 4 times for cluster L4.

Info for manual annotations of cluster L5:

- Start number 57 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster M1:

- Start number 85 was manually annotated 13 times for cluster M1.

Info for manual annotations of cluster M2:

- Start number 84 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:

- Start number 84 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster O:

- Start number 55 was manually annotated 27 times for cluster O.

Info for manual annotations of cluster R:

- Start number 108 was manually annotated 9 times for cluster R.

Info for manual annotations of cluster U:

- Start number 107 was manually annotated 3 times for cluster U.

Info for manual annotations of cluster V:

- Start number 55 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster X:

- Start number 55 was manually annotated 1 time for cluster X.
- Start number 108 was manually annotated 1 time for cluster X.

Gene Information:

Gene: 20ES_11 Start: 6443, Stop: 7420, Start Num: 67

Candidate Starts for 20ES_11:

(Start: 67 @6443 has 52 MA's), (Start: 87 @6497 has 14 MA's), (213, 6686), (229, 6722), (235, 6734), (257, 6791), (271, 6827), (296, 6875), (305, 6914), (340, 6986), (342, 7001), (362, 7064), (389, 7106), (410, 7154), (426, 7181), (434, 7196), (440, 7214), (441, 7217), (474, 7256), (501, 7307), (545, 7406),

Gene: 244_37 Start: 32138, Stop: 32995, Start Num: 165

Candidate Starts for 244_37:

(Start: 165 @32138 has 123 MA's), (185, 32177), (207, 32207), (217, 32228), (233, 32264), (244, 32294), (276, 32369), (296, 32417), (298, 32420), (301, 32444), (302, 32447), (307, 32462), (381, 32633), (435, 32747), (440, 32762), (442, 32768), (478, 32810), (479, 32813), (507, 32867), (539, 32945), (552, 32978),

Gene: 39HC_042 Start: 40379, Stop: 41374, Start Num: 84

Candidate Starts for 39HC_042:

(Start: 84 @40379 has 68 MA's), (95, 40409), (Start: 104 @40430 has 1 MA's), (Start: 106 @40433 has 1 MA's), (148, 40520), (179, 40568), (200, 40601), (229, 40670), (255, 40733), (257, 40739), (271, 40775), (297, 40823), (342, 40934), (376, 41021), (378, 41024), (405, 41084), (409, 41096), (416, 41108), (422, 41114), (511, 41219), (563, 41351),

Gene: 40AC_14 Start: 8493, Stop: 9470, Start Num: 67

Candidate Starts for 40AC_14:

(Start: 67 @8493 has 52 MA's), (Start: 87 @8547 has 14 MA's), (213, 8736), (235, 8784), (257, 8841), (296, 8925), (305, 8964), (329, 9012), (339, 9033), (342, 9051), (362, 9114), (389, 9156), (410, 9204), (426, 9231), (434, 9246), (441, 9267), (474, 9306), (501, 9357), (528, 9426),

Gene: 40BC_042 Start: 40379, Stop: 41374, Start Num: 84

Candidate Starts for 40BC_042:

(Start: 84 @40379 has 68 MA's), (95, 40409), (Start: 104 @40430 has 1 MA's), (Start: 106 @40433 has 1 MA's), (148, 40520), (179, 40568), (200, 40601), (229, 40670), (255, 40733), (257, 40739), (271, 40775), (297, 40823), (342, 40934), (376, 41021), (378, 41024), (405, 41084), (409, 41096), (416, 41108), (422, 41114), (511, 41219), (563, 41351),

Gene: A6_08 Start: 5593, Stop: 6561, Start Num: 66

Candidate Starts for A6_08:

(Start: 66 @5593 has 202 MA's), (Start: 77 @5626 has 5 MA's), (Start: 86 @5644 has 111 MA's), (Start: 87 @5647 has 14 MA's), (Start: 203 @5836 has 1 MA's), (240, 5914), (244, 5932), (257, 5965), (263, 5977), (296, 6052), (317, 6115), (329, 6139), (342, 6178), (346, 6196), (381, 6259), (431, 6340), (440, 6364), (441, 6367), (442, 6370), (463, 6379), (505, 6466), (515, 6490), (527, 6511), (547, 6553),

Gene: ABCat_34 Start: 31850, Stop: 32707, Start Num: 165

Candidate Starts for ABCat_34:

(Start: 165 @31850 has 123 MA's), (185, 31889), (207, 31919), (217, 31940), (233, 31976), (244, 32006), (276, 32081), (296, 32129), (298, 32132), (301, 32156), (302, 32159), (307, 32174), (381, 32345), (435, 32459), (440, 32474), (442, 32480), (478, 32522), (479, 32525), (507, 32579), (539, 32657), (552, 32690),

Gene: ACFishhook_12 Start: 6114, Stop: 7079, Start Num: 59

Candidate Starts for ACFishhook_12:

(Start: 59 @6114 has 93 MA's), (Start: 87 @6180 has 14 MA's), (120, 6234), (Start: 165 @6312 has 123 MA's), (235, 6435), (257, 6492), (296, 6564), (305, 6603), (314, 6621), (342, 6690), (399, 6807), (410, 6834), (441, 6897), (501, 6987), (503, 6993),

Gene: AFIS_10 Start: 5930, Stop: 6898, Start Num: 66

Candidate Starts for AFIS_10:

(Start: 66 @5930 has 202 MA's), (Start: 77 @5963 has 5 MA's), (Start: 86 @5981 has 111 MA's), (Start: 87 @5984 has 14 MA's), (240, 6251), (257, 6302), (263, 6314), (296, 6389), (317, 6452), (324, 6464), (333, 6485), (339, 6497), (342, 6515), (346, 6533), (353, 6557), (381, 6596), (431, 6677), (440, 6701), (441, 6704), (442, 6707), (463, 6716), (505, 6803), (547, 6890),

Gene: AN3_11 Start: 6428, Stop: 7405, Start Num: 67

Candidate Starts for AN3_11:

(15, 5960), (Start: 67 @6428 has 52 MA's), (Start: 87 @6482 has 14 MA's), (213, 6671), (229, 6707), (235, 6719), (257, 6776), (271, 6812), (296, 6860), (305, 6899), (329, 6947), (338, 6965), (340, 6971), (342, 6986), (362, 7049), (389, 7091), (410, 7139), (426, 7166), (434, 7181), (440, 7199), (441, 7202), (474, 7241), (501, 7292),

Gene: AN9_14 Start: 6596, Stop: 7345, Start Num: 197

Candidate Starts for AN9_14:

(Start: 197 @6596 has 16 MA's), (200, 6602), (258, 6743), (296, 6830), (300, 6854), (302, 6860), (314, 6887), (339, 6938), (342, 6956), (410, 7100), (441, 7163), (478, 7211), (479, 7214), (498, 7244), (501, 7253),

Gene: ANI8_14 Start: 6596, Stop: 7345, Start Num: 197

Candidate Starts for ANI8_14:

(Start: 197 @6596 has 16 MA's), (200, 6602), (258, 6743), (296, 6830), (300, 6854), (302, 6860), (314, 6887), (339, 6938), (342, 6956), (410, 7100), (441, 7163), (478, 7211), (479, 7214), (498, 7244), (501, 7253),

Gene: AbbyPaige_13 Start: 6873, Stop: 7865, Start Num: 84

Candidate Starts for AbbyPaige_13:

(Start: 84 @6873 has 68 MA's), (Start: 104 @6924 has 1 MA's), (Start: 106 @6927 has 1 MA's), (200, 7095), (Start: 203 @7101 has 1 MA's), (213, 7128), (241, 7188), (257, 7233), (294, 7320), (311, 7365), (341, 7404), (351, 7452), (390, 7533), (406, 7575), (491, 7662), (541, 7776),

Gene: AbbysRanger_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for AbbysRanger_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (206, 6121), (234, 6190), (257, 6247), (263, 6259), (273, 6289), (282, 6310), (297, 6331), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: Abbysshoes_11 Start: 6019, Stop: 6987, Start Num: 66

Candidate Starts for Abbysshoes_11:

(Start: 66 @6019 has 202 MA's), (Start: 77 @6052 has 5 MA's), (Start: 86 @6070 has 111 MA's), (Start: 87 @6073 has 14 MA's), (240, 6340), (257, 6391), (263, 6403), (296, 6478), (317, 6541), (324, 6553), (333, 6574), (339, 6586), (342, 6604), (346, 6622), (353, 6646), (381, 6685), (431, 6766), (440, 6790), (441, 6793), (442, 6796), (463, 6805), (505, 6892), (527, 6937), (547, 6979),

Gene: Abdiel_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Abdiel_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Abinghost_47 Start: 41532, Stop: 42590, Start Num: 102

Candidate Starts for Abinghost_47:

(Start: 102 @41532 has 45 MA's), (134, 41595), (179, 41676), (212, 41736), (222, 41751), (226, 41763), (237, 41790), (256, 41847), (260, 41856), (323, 42003), (332, 42018), (349, 42072), (366, 42105), (388, 42144), (396, 42156), (432, 42237), (442, 42255), (443, 42258), (448, 42303), (478, 42414), (529, 42525), (540, 42546), (553, 42579),

Gene: Abrogate_110 Start: 6675, Stop: 7643, Start Num: 66

Candidate Starts for Abrogate_110:

(Start: 66 @6675 has 202 MA's), (Start: 77 @6708 has 5 MA's), (Start: 86 @6726 has 111 MA's), (Start: 87 @6729 has 14 MA's), (240, 6996), (257, 7047), (263, 7059), (296, 7134), (317, 7197), (324, 7209), (333, 7230), (339, 7242), (342, 7260), (346, 7278), (353, 7302), (381, 7341), (431, 7422), (440, 7446), (441, 7449), (442, 7452), (463, 7461), (505, 7548), (547, 7635),

Gene: Achebe_10 Start: 5878, Stop: 6858, Start Num: 86

Candidate Starts for Achebe_10:

(Start: 55 @5818 has 239 MA's), (Start: 62 @5836 has 3 MA's), (Start: 86 @5878 has 111 MA's), (Start: 87 @5881 has 14 MA's), (95, 5905), (Start: 104 @5926 has 1 MA's), (Start: 106 @5929 has 1 MA's), (234, 6178), (255, 6229), (257, 6235), (263, 6247), (273, 6277), (297, 6319), (311, 6367), (334, 6397), (342, 6424), (405, 6574), (507, 6697), (511, 6709), (515, 6718), (545, 6775), (565, 6850),

Gene: Acme_11 Start: 5864, Stop: 6832, Start Num: 66

Candidate Starts for Acme_11:

(Start: 66 @5864 has 202 MA's), (Start: 77 @5897 has 5 MA's), (Start: 86 @5915 has 111 MA's), (Start: 87 @5918 has 14 MA's), (240, 6185), (257, 6236), (263, 6248), (296, 6323), (317, 6386), (324, 6398), (333, 6419), (339, 6431), (342, 6449), (346, 6467), (353, 6491), (381, 6530), (431, 6611), (440, 6635), (441, 6638), (442, 6641), (463, 6650), (505, 6737), (547, 6824),

Gene: Acolyte_11 Start: 6523, Stop: 7593, Start Num: 74

Candidate Starts for Acolyte_11:

(52, 6463), (Start: 74 @6523 has 17 MA's), (Start: 87 @6556 has 14 MA's), (93, 6574), (Start: 94 @6577 has 3 MA's), (136, 6658), (200, 6775), (229, 6838), (241, 6865), (257, 6907), (271, 6943), (277, 6958), (299, 7027), (301, 7039), (303, 7045), (307, 7057), (331, 7096), (334, 7102), (398, 7249),

(431, 7315), (435, 7324), (515, 7453), (516, 7456),

Gene: Acquire49_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Acquire49_26:

(Start: 54 @25547 has 29 MA's), (127, 25700), (130, 25703), (141, 25727), (147, 25739), (155, 25757), (166, 25775), (176, 25793), (179, 25799), (183, 25808), (196, 25823), (204, 25838), (235, 25910), (257, 25967), (272, 26006), (302, 26084), (305, 26093), (306, 26096), (314, 26111), (338, 26165), (342, 26186), (345, 26201), (387, 26285), (402, 26315), (441, 26384), (463, 26396), (474, 26420), (481, 26438), (485, 26441), (493, 26453), (495, 26456), (507, 26486), (511, 26498),

Gene: ActinUp_31 Start: 26463, Stop: 27335, Start Num: 189

Candidate Starts for ActinUp_31:

(169, 26436), (Start: 189 @26463 has 154 MA's), (Start: 203 @26475 has 1 MA's), (234, 26544), (244, 26571), (253, 26601), (257, 26610), (271, 26646), (274, 26655), (287, 26688), (294, 26706), (302, 26736), (333, 26793), (334, 26796), (397, 26931), (405, 26958), (415, 26979), (430, 27003), (447, 27054), (481, 27156), (502, 27192), (511, 27216), (555, 27315), (557, 27324),

Gene: Adahisdi_11 Start: 6258, Stop: 7226, Start Num: 66

Candidate Starts for Adahisdi_11:

(Start: 66 @6258 has 202 MA's), (Start: 77 @6291 has 5 MA's), (Start: 86 @6309 has 111 MA's), (Start: 87 @6312 has 14 MA's), (240, 6579), (257, 6630), (263, 6642), (296, 6717), (317, 6780), (333, 6813), (339, 6825), (342, 6843), (346, 6861), (381, 6924), (431, 7005), (440, 7029), (441, 7032), (442, 7035), (463, 7044), (505, 7131), (527, 7176), (547, 7218),

Gene: Adephagia_31 Start: 26460, Stop: 27332, Start Num: 189

Candidate Starts for Adephagia_31:

(169, 26433), (Start: 189 @26460 has 154 MA's), (Start: 203 @26472 has 1 MA's), (234, 26541), (244, 26568), (253, 26598), (257, 26607), (271, 26643), (274, 26652), (287, 26685), (294, 26703), (302, 26733), (333, 26790), (334, 26793), (397, 26928), (405, 26955), (415, 26976), (430, 27000), (447, 27051), (481, 27153), (502, 27189), (511, 27213), (555, 27312), (557, 27321),

Gene: Ading_255 Start: 146639, Stop: 147667, Start Num: 49

Candidate Starts for Ading_255:

(Start: 49 @146639 has 167 MA's), (Start: 62 @146669 has 3 MA's), (68, 146681), (82, 146723), (116, 146786), (Start: 129 @146807 has 1 MA's), (Start: 174 @146891 has 1 MA's), (Start: 203 @146933 has 1 MA's), (207, 146945), (213, 146960), (244, 147029), (257, 147056), (278, 147110), (294, 147155), (295, 147158), (323, 147236), (333, 147257), (381, 147368), (434, 147458), (440, 147476), (493, 147548), (507, 147581),

Gene: Adlitam_252 Start: 144794, Stop: 145822, Start Num: 49

Candidate Starts for Adlitam_252:

(Start: 49 @144794 has 167 MA's), (Start: 62 @144824 has 3 MA's), (68, 144836), (82, 144878), (116, 144941), (Start: 129 @144962 has 1 MA's), (Start: 174 @145046 has 1 MA's), (Start: 203 @145088 has 1 MA's), (207, 145100), (213, 145115), (244, 145184), (257, 145211), (278, 145265), (294, 145310), (295, 145313), (323, 145391), (333, 145412), (381, 145523), (434, 145613), (440, 145631), (493, 145703), (507, 145736),

Gene: Adnama_38 Start: 32365, Stop: 33222, Start Num: 165

Candidate Starts for Adnama_38:

(Start: 165 @32365 has 123 MA's), (185, 32404), (207, 32434), (217, 32455), (233, 32491), (244, 32521), (276, 32596), (296, 32644), (298, 32647), (301, 32671), (302, 32674), (307, 32689), (381, 32860), (435, 32974), (440, 32989), (442, 32995), (478, 33037), (479, 33040), (507, 33094), (539, 33172), (552, 33205),

Gene: Adonis_31 Start: 26466, Stop: 27338, Start Num: 189

Candidate Starts for Adonis_31:

(169, 26439), (Start: 189 @26466 has 154 MA's), (Start: 203 @26478 has 1 MA's), (234, 26547), (244, 26574), (253, 26604), (257, 26613), (271, 26649), (274, 26658), (287, 26691), (294, 26709), (302, 26739), (334, 26799), (397, 26934), (405, 26961), (415, 26982), (430, 27006), (447, 27057), (481, 27159), (502, 27195), (511, 27219), (555, 27318), (557, 27327),

Gene: Aegeus_29 Start: 25621, Stop: 26718, Start Num: 57

Candidate Starts for Aegeus_29:

(Start: 57 @25621 has 2 MA's), (69, 25648), (Start: 86 @25693 has 111 MA's), (110, 25756), (162, 25852), (167, 25861), (Start: 203 @25915 has 1 MA's), (223, 25954), (255, 26035), (257, 26041), (274, 26086), (277, 26092), (299, 26155), (303, 26173), (305, 26179), (307, 26185), (334, 26230), (342, 26257), (398, 26374), (405, 26398), (431, 26449), (439, 26470), (470, 26488), (510, 26575), (520, 26599), (555, 26680), (561, 26707),

Gene: Aeneas_12 Start: 6353, Stop: 7321, Start Num: 66

Candidate Starts for Aeneas_12:

(Start: 66 @6353 has 202 MA's), (Start: 77 @6386 has 5 MA's), (Start: 86 @6404 has 111 MA's), (Start: 87 @6407 has 14 MA's), (240, 6674), (257, 6725), (263, 6737), (296, 6812), (317, 6875), (324, 6887), (333, 6908), (339, 6920), (342, 6938), (346, 6956), (353, 6980), (381, 7019), (431, 7100), (440, 7124), (441, 7127), (442, 7130), (463, 7139), (505, 7226), (547, 7313),

Gene: Agaliana_10 Start: 6067, Stop: 7035, Start Num: 66

Candidate Starts for Agaliana_10:

(Start: 66 @6067 has 202 MA's), (Start: 77 @6100 has 5 MA's), (Start: 86 @6118 has 111 MA's), (Start: 87 @6121 has 14 MA's), (240, 6388), (257, 6439), (263, 6451), (296, 6526), (317, 6589), (333, 6622), (339, 6634), (342, 6652), (346, 6670), (381, 6733), (431, 6814), (440, 6838), (441, 6841), (442, 6844), (463, 6853), (505, 6940), (527, 6985), (547, 7027),

Gene: Agape74_13 Start: 6873, Stop: 7865, Start Num: 84

Candidate Starts for Agape74_13:

(Start: 84 @6873 has 68 MA's), (Start: 104 @6924 has 1 MA's), (Start: 106 @6927 has 1 MA's), (200, 7095), (Start: 203 @7101 has 1 MA's), (213, 7128), (241, 7188), (257, 7233), (294, 7320), (311, 7365), (341, 7404), (351, 7452), (390, 7533), (406, 7575), (491, 7662), (541, 7776),

Gene: Agent47_30 Start: 27227, Stop: 27988, Start Num: 187

Candidate Starts for Agent47_30:

(159, 27179), (Start: 187 @27227 has 16 MA's), (Start: 203 @27239 has 1 MA's), (204, 27242), (206, 27245), (219, 27272), (234, 27308), (255, 27368), (257, 27374), (268, 27404), (271, 27410), (274, 27419), (287, 27452), (300, 27494), (301, 27497), (305, 27509), (323, 27545), (334, 27560), (344, 27596), (397, 27695), (405, 27722), (415, 27743), (481, 27806), (498, 27830), (507, 27854), (536, 27923), (555, 27968), (557, 27977),

Gene: AgentM_8 Start: 5433, Stop: 6242, Start Num: 137

Candidate Starts for AgentM_8:

(Start: 137 @5433 has 50 MA's), (169, 5496), (175, 5505), (188, 5526), (209, 5562), (230, 5610), (250, 5667), (261, 5691), (356, 5922), (391, 5979), (534, 6228),

Gene: Ageofdapage_31 Start: 26403, Stop: 27275, Start Num: 189

Candidate Starts for Ageofdapage_31:

(169, 26376), (Start: 189 @26403 has 154 MA's), (Start: 203 @26415 has 1 MA's), (234, 26484), (244, 26511), (253, 26541), (257, 26550), (271, 26586), (274, 26595), (287, 26628), (294, 26646), (334,

26736), (397, 26871), (405, 26898), (415, 26919), (430, 26943), (447, 26994), (481, 27096), (502, 27132), (511, 27156), (555, 27255), (557, 27264),

Gene: Aglet_12 Start: 5963, Stop: 6928, Start Num: 59

Candidate Starts for Aglet_12:

(Start: 59 @5963 has 93 MA's), (78, 6008), (Start: 87 @6029 has 14 MA's), (158, 6149), (235, 6287), (257, 6344), (264, 6359), (300, 6440), (305, 6455), (314, 6473), (339, 6524), (342, 6542), (354, 6587), (410, 6683), (441, 6746), (474, 6785), (501, 6836),

Gene: AgronaGT15_12 Start: 5870, Stop: 6835, Start Num: 59

Candidate Starts for AgronaGT15_12:

(Start: 59 @5870 has 93 MA's), (78, 5915), (Start: 87 @5936 has 14 MA's), (158, 6056), (235, 6194), (257, 6251), (264, 6266), (300, 6347), (305, 6362), (314, 6380), (339, 6431), (342, 6449), (354, 6494), (410, 6590), (441, 6653), (474, 6692), (501, 6743),

Gene: Aikoy_46 Start: 36375, Stop: 37256, Start Num: 114

Candidate Starts for Aikoy_46:

(Start: 114 @36375 has 3 MA's), (168, 36471), (172, 36477), (218, 36561), (224, 36573), (262, 36675), (292, 36753), (299, 36774), (348, 36897), (367, 36936), (396, 36981), (429, 37050), (467, 37101), (471, 37110), (475, 37119), (505, 37179), (521, 37215),

Gene: Airmid_8 Start: 5180, Stop: 5989, Start Num: 137

Candidate Starts for Airmid_8:

(Start: 137 @5180 has 50 MA's), (161, 5225), (209, 5309), (215, 5324), (230, 5357), (343, 5627), (356, 5669), (379, 5708), (391, 5726), (403, 5756), (524, 5954),

Gene: Ajay_10 Start: 6063, Stop: 7031, Start Num: 66

Candidate Starts for Ajay_10:

(Start: 66 @6063 has 202 MA's), (Start: 77 @6096 has 5 MA's), (Start: 86 @6114 has 111 MA's), (Start: 87 @6117 has 14 MA's), (240, 6384), (257, 6435), (263, 6447), (296, 6522), (317, 6585), (333, 6618), (339, 6630), (342, 6648), (346, 6666), (381, 6729), (431, 6810), (440, 6834), (441, 6837), (442, 6840), (463, 6849), (505, 6936), (527, 6981), (547, 7023),

Gene: Akhila_25 Start: 23599, Stop: 24597, Start Num: 55

Candidate Starts for Akhila_25:

(Start: 55 @23599 has 239 MA's), (82, 23674), (116, 23734), (Start: 129 @23755 has 1 MA's), (Start: 174 @23839 has 1 MA's), (207, 23890), (213, 23905), (257, 24001), (296, 24088), (300, 24112), (307, 24133), (328, 24172), (333, 24184), (346, 24232), (354, 24259), (366, 24283), (381, 24298), (440, 24406), (478, 24454), (511, 24523), (527, 24553),

Gene: Akoma_47 Start: 41537, Stop: 42601, Start Num: 102

Candidate Starts for Akoma_47:

(Start: 102 @41537 has 45 MA's), (134, 41600), (179, 41681), (212, 41747), (222, 41762), (226, 41774), (237, 41801), (256, 41858), (260, 41867), (323, 42014), (332, 42029), (349, 42083), (366, 42116), (388, 42155), (396, 42167), (432, 42248), (442, 42266), (443, 42269), (448, 42314), (478, 42425), (529, 42536), (540, 42557), (553, 42590),

Gene: Albee_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Albee_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Alberto7_11 Start: 6186, Stop: 7166, Start Num: 86

Candidate Starts for Alberto7_11:

(Start: 86 @6186 has 111 MA's), (Start: 87 @6189 has 14 MA's), (95, 6213), (Start: 104 @6234 has 1 MA's), (Start: 106 @6237 has 1 MA's), (234, 6486), (257, 6543), (297, 6627), (300, 6648), (311, 6675), (334, 6705), (342, 6732), (405, 6882), (502, 6993), (507, 7005), (511, 7017), (545, 7083),

Gene: Alexphander_34 Start: 28281, Stop: 29282, Start Num: 55

Candidate Starts for Alexphander_34:

(2, 27660), (6, 27738), (8, 27801), (12, 27840), (17, 27972), (22, 27993), (25, 28029), (35, 28182), (47, 28254), (Start: 55 @28281 has 239 MA's), (82, 28356), (95, 28389), (116, 28419), (Start: 129 @28440 has 1 MA's), (Start: 174 @28524 has 1 MA's), (188, 28548), (Start: 203 @28563 has 1 MA's), (207, 28575), (257, 28686), (301, 28800), (307, 28818), (328, 28857), (339, 28881), (346, 28917), (354, 28944), (381, 28983), (410, 29031), (440, 29091), (478, 29139), (485, 29151), (505, 29193), (507, 29196), (511, 29208), (527, 29238),

Gene: Alice_238 Start: 141870, Stop: 142898, Start Num: 49

Candidate Starts for Alice_238:

(Start: 49 @141870 has 167 MA's), (Start: 62 @141900 has 3 MA's), (82, 141954), (116, 142017), (Start: 129 @142038 has 1 MA's), (Start: 174 @142122 has 1 MA's), (Start: 203 @142164 has 1 MA's), (207, 142176), (213, 142191), (244, 142260), (257, 142287), (278, 142341), (294, 142386), (295, 142389), (323, 142467), (333, 142488), (381, 142599), (434, 142689), (440, 142707), (493, 142779), (507, 142812),

Gene: AlishaPH_31 Start: 26453, Stop: 27325, Start Num: 189

Candidate Starts for AlishaPH_31:

(40, 26123), (128, 26351), (169, 26426), (Start: 189 @26453 has 154 MA's), (Start: 203 @26465 has 1 MA's), (234, 26534), (244, 26561), (253, 26591), (257, 26600), (271, 26636), (274, 26645), (287, 26678), (294, 26696), (302, 26726), (334, 26786), (397, 26921), (405, 26948), (415, 26969), (430, 26993), (447, 27044), (481, 27146), (502, 27182), (511, 27206), (555, 27305), (557, 27314),

Gene: Alkhayr_65 Start: 43133, Stop: 44173, Start Num: 55

Candidate Starts for Alkhayr_65:

(Start: 55 @43133 has 239 MA's), (82, 43208), (116, 43289), (119, 43295), (Start: 129 @43310 has 1 MA's), (172, 43391), (Start: 174 @43394 has 1 MA's), (207, 43448), (213, 43463), (257, 43559), (272, 43598), (284, 43628), (294, 43658), (295, 43661), (302, 43694), (333, 43760), (344, 43799), (346, 43808), (354, 43835), (381, 43874), (488, 44048), (511, 44099),

Gene: AlleyCat_31 Start: 27158, Stop: 27919, Start Num: 187

Candidate Starts for AlleyCat_31:

(159, 27110), (Start: 187 @27158 has 16 MA's), (Start: 203 @27170 has 1 MA's), (206, 27176), (219, 27203), (234, 27239), (255, 27299), (257, 27305), (268, 27335), (271, 27341), (274, 27350), (287, 27383), (300, 27425), (301, 27428), (305, 27440), (323, 27476), (334, 27491), (344, 27527), (397, 27626), (405, 27653), (415, 27674), (481, 27737), (498, 27761), (507, 27785), (536, 27854), (555, 27899), (557, 27908),

Gene: AlpineSix_32 Start: 27729, Stop: 28730, Start Num: 55

Candidate Starts for AlpineSix_32:

(2, 27108), (6, 27186), (8, 27249), (12, 27288), (17, 27420), (22, 27441), (25, 27477), (35, 27630), (Start: 55 @27729 has 239 MA's), (Start: 62 @27750 has 3 MA's), (68, 27762), (82, 27804), (95, 27837), (116, 27867), (Start: 129 @27888 has 1 MA's), (Start: 174 @27972 has 1 MA's), (188, 27996), (Start: 203 @28011 has 1 MA's), (207, 28023), (257, 28134), (301, 28248), (307, 28266), (328, 28305), (339, 28329), (346, 28365), (354, 28392), (381, 28431), (440, 28539), (478, 28587), (485, 28599), (505, 28641), (507, 28644), (511, 28656), (527, 28686),

Gene: Alsfro_14 Start: 6806, Stop: 7774, Start Num: 66

Candidate Starts for Alsfro_14:

(Start: 66 @6806 has 202 MA's), (Start: 77 @6839 has 5 MA's), (Start: 86 @6857 has 111 MA's), (Start: 87 @6860 has 14 MA's), (240, 7127), (257, 7178), (263, 7190), (296, 7265), (317, 7328), (329, 7352), (342, 7391), (346, 7409), (381, 7472), (431, 7553), (440, 7577), (441, 7580), (442, 7583), (463, 7592), (505, 7679), (527, 7724), (547, 7766),

Gene: Altman_11 Start: 6601, Stop: 7569, Start Num: 66

Candidate Starts for Altman_11:

(Start: 66 @6601 has 202 MA's), (Start: 77 @6634 has 5 MA's), (Start: 86 @6652 has 111 MA's), (Start: 87 @6655 has 14 MA's), (240, 6922), (257, 6973), (263, 6985), (296, 7060), (317, 7123), (333, 7156), (339, 7168), (342, 7186), (346, 7204), (353, 7228), (381, 7267), (431, 7348), (440, 7372), (441, 7375), (442, 7378), (463, 7387), (505, 7474), (547, 7561),

Gene: Alvin_11 Start: 6274, Stop: 7242, Start Num: 66

Candidate Starts for Alvin_11:

(Start: 66 @6274 has 202 MA's), (Start: 77 @6307 has 5 MA's), (Start: 86 @6325 has 111 MA's), (Start: 87 @6328 has 14 MA's), (240, 6595), (257, 6646), (263, 6658), (296, 6733), (317, 6796), (324, 6808), (333, 6829), (339, 6841), (342, 6859), (346, 6877), (353, 6901), (381, 6940), (431, 7021), (440, 7045), (441, 7048), (442, 7051), (463, 7060), (505, 7147), (527, 7192), (547, 7234),

Gene: Amao_35 Start: 31062, Stop: 31919, Start Num: 165

Candidate Starts for Amao_35:

(Start: 165 @31062 has 123 MA's), (185, 31101), (207, 31131), (217, 31152), (233, 31188), (244, 31218), (276, 31293), (296, 31341), (298, 31344), (301, 31368), (302, 31371), (307, 31386), (381, 31557), (435, 31671), (440, 31686), (442, 31692), (478, 31734), (479, 31737), (507, 31791), (539, 31869), (552, 31902),

Gene: Amataga_253 Start: 143793, Stop: 144821, Start Num: 49

Candidate Starts for Amataga_253:

(Start: 49 @143793 has 167 MA's), (Start: 62 @143823 has 3 MA's), (68, 143835), (82, 143877), (116, 143940), (Start: 129 @143961 has 1 MA's), (Start: 174 @144045 has 1 MA's), (Start: 203 @144087 has 1 MA's), (207, 144099), (213, 144114), (244, 144183), (257, 144210), (278, 144264), (294, 144309), (295, 144312), (323, 144390), (333, 144411), (381, 144522), (434, 144612), (440, 144630), (493, 144702), (507, 144735),

Gene: Amelie_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for Amelie_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: AmericanBeauty_37 Start: 31845, Stop: 32702, Start Num: 165

Candidate Starts for AmericanBeauty_37:

(Start: 165 @31845 has 123 MA's), (185, 31884), (207, 31914), (217, 31935), (233, 31971), (244, 32001), (276, 32076), (296, 32124), (298, 32127), (301, 32151), (302, 32154), (307, 32169), (381, 32340), (435, 32454), (440, 32469), (442, 32475), (478, 32517), (479, 32520), (507, 32574), (539, 32652), (552, 32685),

Gene: Amgine_29 Start: 26539, Stop: 27276, Start Num: 189

Candidate Starts for Amgine_29:

(128, 26428), (Start: 138 @26449 has 3 MA's), (159, 26488), (169, 26509), (Start: 189 @26539 has 154 MA's), (Start: 203 @26551 has 1 MA's), (219, 26584), (234, 26620), (253, 26668), (257, 26677), (271, 26713), (274, 26722), (287, 26755), (334, 26863), (342, 26890), (386, 26977), (397, 26995), (401, 27010), (405, 27022), (415, 27043), (430, 27067), (474, 27079), (478, 27088), (481, 27097), (507, 27145), (555, 27256), (556, 27265),

Gene: Aminay_31 Start: 27639, Stop: 28646, Start Num: 55

Candidate Starts for Aminay_31:

(Start: 55 @27639 has 239 MA's), (82, 27714), (Start: 87 @27723 has 14 MA's), (116, 27777), (Start: 122 @27789 has 1 MA's), (Start: 129 @27798 has 1 MA's), (Start: 174 @27879 has 1 MA's), (Start: 203 @27921 has 1 MA's), (207, 27933), (213, 27948), (257, 28044), (312, 28185), (329, 28218), (342, 28257), (353, 28299), (365, 28323), (381, 28338), (463, 28461), (479, 28497), (505, 28548), (510, 28560), (527, 28593), (551, 28641),

Gene: Amohnition_30 Start: 26969, Stop: 27709, Start Num: 189

Candidate Starts for Amohnition_30:

(37, 26624), (128, 26870), (Start: 138 @26891 has 3 MA's), (159, 26924), (169, 26945), (Start: 189 @26969 has 154 MA's), (Start: 203 @26981 has 1 MA's), (215, 27008), (219, 27014), (253, 27098), (257, 27107), (263, 27119), (274, 27152), (334, 27293), (342, 27320), (397, 27428), (405, 27455), (415, 27476), (430, 27500), (474, 27512), (478, 27521), (507, 27578), (511, 27590), (555, 27689),

Gene: Anaya_32 Start: 26479, Stop: 27351, Start Num: 189

Candidate Starts for Anaya_32:

(169, 26452), (Start: 189 @26479 has 154 MA's), (Start: 203 @26491 has 1 MA's), (234, 26560), (244, 26587), (253, 26617), (257, 26626), (271, 26662), (274, 26671), (287, 26704), (294, 26722), (334, 26812), (397, 26947), (405, 26974), (415, 26995), (430, 27019), (447, 27070), (481, 27172), (502, 27208), (511, 27232), (555, 27331), (557, 27340),

Gene: Angelica_31 Start: 26428, Stop: 27282, Start Num: 189

Candidate Starts for Angelica_31:

(40, 26098), (128, 26326), (169, 26401), (Start: 189 @26428 has 154 MA's), (Start: 203 @26440 has 1 MA's), (234, 26509), (244, 26536), (253, 26566), (257, 26575), (271, 26611), (274, 26620), (287, 26653), (294, 26671), (302, 26701), (334, 26761), (397, 26896), (405, 26923), (415, 26944), (430, 26968), (447, 27001), (481, 27103), (502, 27139), (511, 27163), (555, 27262), (557, 27271),

Gene: Anglerfish_10 Start: 5635, Stop: 6603, Start Num: 66

Candidate Starts for Anglerfish_10:

(Start: 66 @5635 has 202 MA's), (Start: 77 @5668 has 5 MA's), (Start: 86 @5686 has 111 MA's), (Start: 87 @5689 has 14 MA's), (240, 5956), (257, 6007), (263, 6019), (296, 6094), (317, 6157), (324, 6169), (333, 6190), (339, 6202), (342, 6220), (346, 6238), (353, 6262), (381, 6301), (431, 6382), (440, 6406), (441, 6409), (442, 6412), (463, 6421), (505, 6508), (547, 6595),

Gene: AnnaL29_14 Start: 8319, Stop: 9296, Start Num: 67

Candidate Starts for AnnaL29_14:

(50, 8274), (Start: 67 @8319 has 52 MA's), (Start: 87 @8373 has 14 MA's), (213, 8562), (229, 8598), (235, 8610), (257, 8667), (271, 8703), (296, 8751), (305, 8790), (339, 8859), (342, 8877), (354, 8922), (362, 8940), (389, 8982), (410, 9030), (426, 9057), (434, 9072), (441, 9093), (472, 9129), (474, 9132), (498, 9174), (501, 9183),

Gene: Annyong_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Annyong_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (282, 6302), (297, 6323), (300, 6344),

(311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Anselm_11 Start: 6531, Stop: 7523, Start Num: 84

Candidate Starts for Anselm_11:

(75, 6510), (Start: 84 @6531 has 68 MA's), (Start: 97 @6564 has 1 MA's), (Start: 104 @6582 has 1 MA's), (Start: 106 @6585 has 1 MA's), (120, 6618), (131, 6633), (200, 6753), (Start: 203 @6759 has 1 MA's), (213, 6786), (241, 6846), (257, 6891), (311, 7023), (341, 7062), (351, 7110), (390, 7191), (406, 7233), (491, 7320), (507, 7356), (516, 7380), (533, 7422), (541, 7434), (564, 7509),

Gene: Anubis_14 Start: 5848, Stop: 6813, Start Num: 59

Candidate Starts for Anubis_14:

(Start: 59 @5848 has 93 MA's), (63, 5860), (78, 5893), (Start: 87 @5914 has 14 MA's), (213, 6124), (257, 6229), (300, 6325), (305, 6340), (314, 6358), (338, 6406), (339, 6409), (340, 6412), (342, 6427), (379, 6511), (410, 6568), (441, 6631), (474, 6670), (545, 6802),

Gene: Apocalypse_31 Start: 26431, Stop: 27303, Start Num: 189

Candidate Starts for Apocalypse_31:

(169, 26404), (Start: 189 @26431 has 154 MA's), (Start: 203 @26443 has 1 MA's), (234, 26512), (244, 26539), (253, 26569), (257, 26578), (271, 26614), (274, 26623), (287, 26656), (294, 26674), (334, 26764), (397, 26899), (405, 26926), (415, 26947), (430, 26971), (447, 27022), (481, 27124), (502, 27160), (511, 27184), (555, 27283), (557, 27292),

Gene: Applejack_10 Start: 6001, Stop: 6969, Start Num: 66

Candidate Starts for Applejack_10:

(Start: 66 @6001 has 202 MA's), (Start: 77 @6034 has 5 MA's), (Start: 86 @6052 has 111 MA's), (Start: 87 @6055 has 14 MA's), (240, 6322), (257, 6373), (263, 6385), (296, 6460), (317, 6523), (333, 6556), (339, 6568), (342, 6586), (346, 6604), (353, 6628), (381, 6667), (431, 6748), (440, 6772), (441, 6775), (442, 6778), (463, 6787), (505, 6874), (547, 6961),

Gene: Appletree2_26 Start: 25490, Stop: 26521, Start Num: 54

Candidate Starts for Appletree2_26:

(Start: 54 @25490 has 29 MA's), (130, 25646), (141, 25670), (147, 25682), (155, 25700), (166, 25718), (176, 25736), (179, 25742), (183, 25751), (196, 25766), (204, 25781), (225, 25829), (235, 25853), (257, 25910), (272, 25949), (302, 26027), (305, 26036), (306, 26039), (314, 26054), (338, 26108), (342, 26129), (345, 26144), (387, 26228), (402, 26258), (441, 26327), (463, 26339), (474, 26363), (481, 26381), (485, 26384), (493, 26396), (495, 26399), (507, 26429), (511, 26441),

Gene: Aragog_8 Start: 5463, Stop: 6272, Start Num: 137

Candidate Starts for Aragog_8:

(Start: 137 @5463 has 50 MA's), (169, 5526), (175, 5535), (188, 5556), (209, 5592), (230, 5640), (250, 5697), (261, 5721), (343, 5910), (356, 5952), (391, 6009), (534, 6258),

Gene: Arcanine_10 Start: 5601, Stop: 6569, Start Num: 66

Candidate Starts for Arcanine_10:

(Start: 66 @5601 has 202 MA's), (Start: 77 @5634 has 5 MA's), (Start: 86 @5652 has 111 MA's), (Start: 87 @5655 has 14 MA's), (240, 5922), (257, 5973), (263, 5985), (296, 6060), (317, 6123), (324, 6135), (333, 6156), (339, 6168), (342, 6186), (346, 6204), (353, 6228), (381, 6267), (431, 6348), (440, 6372), (441, 6375), (442, 6378), (463, 6387), (505, 6474), (547, 6561),

Gene: ArcherNM_13 Start: 8227, Stop: 9204, Start Num: 67

Candidate Starts for ArcherNM_13:

(Start: 67 @8227 has 52 MA's), (Start: 87 @8281 has 14 MA's), (111, 8320), (213, 8470), (229, 8506), (235, 8518), (257, 8575), (271, 8611), (296, 8659), (305, 8698), (339, 8767), (342, 8785), (362, 8848),

(389, 8890), (410, 8938), (426, 8965), (434, 8980), (441, 9001), (472, 9037), (498, 9082), (501, 9091), (510, 9115),

Gene: ArcherS7_253 Start: 145538, Stop: 146566, Start Num: 49

Candidate Starts for ArcherS7_253:

(Start: 49 @145538 has 167 MA's), (Start: 62 @145568 has 3 MA's), (68, 145580), (82, 145622), (116, 145685), (Start: 129 @145706 has 1 MA's), (Start: 174 @145790 has 1 MA's), (Start: 203 @145832 has 1 MA's), (207, 145844), (213, 145859), (244, 145928), (257, 145955), (278, 146009), (294, 146054), (295, 146057), (323, 146135), (333, 146156), (381, 146267), (434, 146357), (440, 146375), (493, 146447), (507, 146480),

Gene: Archetta_8 Start: 5172, Stop: 5981, Start Num: 137

Candidate Starts for Archetta_8:

(Start: 137 @5172 has 50 MA's), (169, 5235), (175, 5244), (188, 5265), (209, 5301), (230, 5349), (250, 5406), (261, 5430), (356, 5661), (391, 5718), (534, 5967),

Gene: Archie_28 Start: 26734, Stop: 27762, Start Num: 54

Candidate Starts for Archie_28:

(Start: 54 @26734 has 29 MA's), (121, 26878), (125, 26884), (Start: 191 @26998 has 3 MA's), (194, 27004), (202, 27022), (235, 27097), (257, 27154), (300, 27265), (302, 27271), (305, 27280), (306, 27283), (314, 27298), (342, 27373), (402, 27502), (423, 27529), (436, 27556), (441, 27571), (463, 27583), (498, 27649), (511, 27685),

Gene: ArcusAngelus_31 Start: 28050, Stop: 29066, Start Num: 55

Candidate Starts for ArcusAngelus_31:

(27, 27819), (28, 27822), (30, 27870), (42, 28005), (44, 28014), (Start: 55 @28050 has 239 MA's), (Start: 107 @28182 has 3 MA's), (116, 28203), (Start: 129 @28224 has 1 MA's), (145, 28254), (149, 28266), (Start: 174 @28308 has 1 MA's), (207, 28359), (257, 28470), (301, 28584), (307, 28602), (328, 28641), (339, 28665), (346, 28701), (354, 28728), (381, 28767), (440, 28875), (478, 28923), (485, 28935), (507, 28980), (511, 28992), (527, 29022),

Gene: Ardmore_30 Start: 27516, Stop: 28514, Start Num: 55

Candidate Starts for Ardmore_30:

(Start: 55 @27516 has 239 MA's), (82, 27591), (116, 27651), (Start: 129 @27672 has 1 MA's), (Start: 174 @27756 has 1 MA's), (207, 27807), (213, 27822), (257, 27918), (300, 28029), (307, 28050), (328, 28089), (333, 28101), (346, 28149), (354, 28176), (366, 28200), (381, 28215), (440, 28323), (478, 28371), (511, 28440), (527, 28470),

Gene: Argent26_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for Argent26_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: Ariel_48 Start: 38682, Stop: 39686, Start Num: 73

Candidate Starts for Ariel_48:

(Start: 73 @38682 has 10 MA's), (92, 38736), (115, 38787), (157, 38859), (207, 38934), (257, 39048), (263, 39060), (274, 39093), (301, 39162), (305, 39174), (310, 39186), (312, 39189), (339, 39234), (342, 39252), (405, 39414), (412, 39429), (417, 39438), (552, 39639),

Gene: Arlo_9 Start: 5626, Stop: 6594, Start Num: 66

Candidate Starts for Arlo_9:

(Start: 66 @5626 has 202 MA's), (Start: 77 @5659 has 5 MA's), (Start: 86 @5677 has 111 MA's), (Start: 87 @5680 has 14 MA's), (240, 5947), (257, 5998), (263, 6010), (296, 6085), (317, 6148), (324, 6160), (333, 6181), (339, 6193), (342, 6211), (346, 6229), (353, 6253), (381, 6292), (431, 6373), (440, 6397), (441, 6400), (442, 6403), (463, 6412), (505, 6499), (515, 6523), (527, 6544), (547, 6586),

Gene: Arturo_9 Start: 5992, Stop: 6972, Start Num: 86

Candidate Starts for Arturo_9:

(Start: 86 @5992 has 111 MA's), (Start: 87 @5995 has 14 MA's), (95, 6019), (Start: 104 @6040 has 1 MA's), (Start: 106 @6043 has 1 MA's), (234, 6292), (257, 6349), (282, 6412), (297, 6433), (300, 6454), (311, 6481), (334, 6511), (342, 6538), (405, 6688), (507, 6811), (511, 6823), (545, 6889),

Gene: Asayake_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Asayake_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Ashballer_8 Start: 5504, Stop: 6472, Start Num: 66

Candidate Starts for Ashballer_8:

(Start: 66 @5504 has 202 MA's), (Start: 77 @5537 has 5 MA's), (Start: 86 @5555 has 111 MA's), (Start: 87 @5558 has 14 MA's), (240, 5825), (257, 5876), (263, 5888), (296, 5963), (317, 6026), (324, 6038), (333, 6059), (339, 6071), (342, 6089), (346, 6107), (353, 6131), (381, 6170), (431, 6251), (440, 6275), (441, 6278), (442, 6281), (463, 6290), (505, 6377), (547, 6464),

Gene: Ashwin_69 Start: 43903, Stop: 44943, Start Num: 55

Candidate Starts for Ashwin_69:

(Start: 55 @43903 has 239 MA's), (82, 43978), (116, 44059), (119, 44065), (Start: 129 @44080 has 1 MA's), (172, 44161), (Start: 174 @44164 has 1 MA's), (207, 44218), (213, 44233), (257, 44329), (272, 44368), (284, 44398), (294, 44428), (295, 44431), (302, 44464), (333, 44530), (344, 44569), (346, 44578), (354, 44605), (381, 44644), (488, 44818), (511, 44869),

Gene: Asriel_34 Start: 30719, Stop: 31576, Start Num: 165

Candidate Starts for Asriel_34:

(Start: 165 @30719 has 123 MA's), (185, 30758), (207, 30788), (217, 30809), (233, 30845), (244, 30875), (276, 30950), (296, 30998), (298, 31001), (301, 31025), (302, 31028), (307, 31043), (381, 31214), (435, 31328), (440, 31343), (442, 31349), (478, 31391), (479, 31394), (507, 31448), (539, 31526), (552, 31559),

Gene: Asterius_249 Start: 144651, Stop: 145679, Start Num: 49

Candidate Starts for Asterius_249:

(Start: 49 @144651 has 167 MA's), (Start: 62 @144681 has 3 MA's), (68, 144693), (82, 144735), (116, 144798), (Start: 129 @144819 has 1 MA's), (Start: 174 @144903 has 1 MA's), (Start: 203 @144945 has 1 MA's), (207, 144957), (213, 144972), (244, 145041), (257, 145068), (278, 145122), (294, 145167), (295, 145170), (323, 145248), (333, 145269), (381, 145380), (434, 145470), (440, 145488), (493, 145560), (507, 145593),

Gene: Astraea_248 Start: 143846, Stop: 144874, Start Num: 49

Candidate Starts for Astraea_248:

(Start: 49 @143846 has 167 MA's), (Start: 62 @143876 has 3 MA's), (68, 143888), (82, 143930), (116, 143993), (Start: 129 @144014 has 1 MA's), (Start: 174 @144098 has 1 MA's), (Start: 203 @144140 has 1 MA's), (207, 144152), (213, 144167), (244, 144236), (257, 144263), (278, 144317), (294, 144362), (295, 144365), (323, 144443), (333, 144464), (381, 144575), (434, 144665), (440, 144683),

(493, 144755), (507, 144788),

Gene: Astro_8 Start: 4873, Stop: 5682, Start Num: 137

Candidate Starts for Astro_8:

(Start: 137 @4873 has 50 MA's), (182, 4957), (209, 5002), (235, 5062), (259, 5128), (356, 5362), (379, 5401), (391, 5419), (404, 5452), (411, 5470), (456, 5515), (476, 5539), (534, 5668),

Gene: Athena_48 Start: 42284, Stop: 43348, Start Num: 102

Candidate Starts for Athena_48:

(Start: 102 @42284 has 45 MA's), (134, 42347), (179, 42428), (212, 42494), (222, 42509), (226, 42521), (237, 42548), (256, 42605), (260, 42614), (323, 42761), (332, 42776), (349, 42830), (366, 42863), (388, 42902), (396, 42914), (432, 42995), (442, 43013), (443, 43016), (478, 43172), (529, 43283), (540, 43304), (553, 43337),

Gene: Atiba_31 Start: 26423, Stop: 27295, Start Num: 189

Candidate Starts for Atiba_31:

(169, 26396), (Start: 189 @26423 has 154 MA's), (Start: 203 @26435 has 1 MA's), (234, 26504), (244, 26531), (253, 26561), (257, 26570), (271, 26606), (274, 26615), (287, 26648), (294, 26666), (302, 26696), (333, 26753), (334, 26756), (397, 26891), (405, 26918), (415, 26939), (430, 26963), (447, 27014), (481, 27116), (502, 27152), (511, 27176), (555, 27275), (557, 27284),

Gene: Atkinbua_10 Start: 5646, Stop: 6614, Start Num: 66

Candidate Starts for Atkinbua_10:

(Start: 66 @5646 has 202 MA's), (Start: 77 @5679 has 5 MA's), (Start: 86 @5697 has 111 MA's), (Start: 87 @5700 has 14 MA's), (240, 5967), (257, 6018), (263, 6030), (296, 6105), (333, 6201), (342, 6231), (346, 6249), (353, 6273), (381, 6312), (431, 6393), (440, 6417), (441, 6420), (442, 6423), (463, 6432), (505, 6519), (547, 6606),

Gene: Atlantean_252 Start: 143793, Stop: 144821, Start Num: 49

Candidate Starts for Atlantean_252:

(Start: 49 @143793 has 167 MA's), (Start: 62 @143823 has 3 MA's), (68, 143835), (82, 143877), (116, 143940), (Start: 129 @143961 has 1 MA's), (Start: 174 @144045 has 1 MA's), (Start: 203 @144087 has 1 MA's), (207, 144099), (213, 144114), (244, 144183), (257, 144210), (278, 144264), (294, 144309), (295, 144312), (323, 144390), (333, 144411), (381, 144522), (434, 144612), (440, 144630), (493, 144702), (507, 144735),

Gene: Aubs_32 Start: 27847, Stop: 28848, Start Num: 55

Candidate Starts for Aubs_32:

(Start: 55 @27847 has 239 MA's), (82, 27922), (95, 27955), (116, 27985), (Start: 129 @28006 has 1 MA's), (Start: 174 @28090 has 1 MA's), (207, 28141), (213, 28156), (257, 28252), (300, 28363), (307, 28384), (328, 28423), (333, 28435), (346, 28483), (354, 28510), (366, 28534), (381, 28549), (440, 28657), (478, 28705), (511, 28774), (527, 28804),

Gene: Audrey_47 Start: 41532, Stop: 42596, Start Num: 102

Candidate Starts for Audrey_47:

(Start: 102 @41532 has 45 MA's), (134, 41595), (179, 41676), (212, 41742), (222, 41757), (226, 41769), (237, 41796), (256, 41853), (260, 41862), (323, 42009), (332, 42024), (349, 42078), (366, 42111), (388, 42150), (396, 42162), (432, 42243), (442, 42261), (443, 42264), (478, 42420), (529, 42531), (540, 42552), (553, 42585),

Gene: Audrick_255 Start: 143683, Stop: 144711, Start Num: 49

Candidate Starts for Audrick_255:

(Start: 49 @143683 has 167 MA's), (Start: 62 @143713 has 3 MA's), (68, 143725), (82, 143767), (116, 143830), (Start: 129 @143851 has 1 MA's), (Start: 174 @143935 has 1 MA's), (Start: 203 @143977 has 1 MA's), (207, 143989), (213, 144004), (244, 144073), (257, 144100), (278, 144154), (294, 144199), (295, 144202), (323, 144280), (333, 144301), (381, 144412), (434, 144502), (440, 144520), (493, 144592), (507, 144625),

Gene: AugsMagnumOpus_14 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for AugsMagnumOpus_14:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: Auspice_38 Start: 31794, Stop: 32765, Start Num: 85

Candidate Starts for Auspice_38:

(Start: 85 @31794 has 13 MA's), (Start: 94 @31818 has 3 MA's), (100, 31833), (169, 31971), (186, 31998), (Start: 197 @32016 has 16 MA's), (204, 32028), (207, 32037), (229, 32082), (233, 32094), (248, 32121), (257, 32148), (263, 32160), (280, 32205), (292, 32232), (301, 32262), (304, 32271), (305, 32274), (345, 32361), (352, 32376), (419, 32529), (421, 32532), (472, 32592), (478, 32604), (481, 32613), (502, 32649), (508, 32664), (538, 32703), (552, 32736),

Gene: Ava3_249 Start: 144253, Stop: 145281, Start Num: 49

Candidate Starts for Ava3_249:

(Start: 49 @144253 has 167 MA's), (Start: 62 @144283 has 3 MA's), (68, 144295), (82, 144337), (116, 144400), (Start: 129 @144421 has 1 MA's), (Start: 174 @144505 has 1 MA's), (Start: 203 @144547 has 1 MA's), (207, 144559), (213, 144574), (244, 144643), (257, 144670), (278, 144724), (294, 144769), (295, 144772), (323, 144850), (333, 144871), (381, 144982), (434, 145072), (440, 145090), (493, 145162), (507, 145195),

Gene: AvadaKedavra_26 Start: 25557, Stop: 26588, Start Num: 54

Candidate Starts for AvadaKedavra_26:

(Start: 54 @25557 has 29 MA's), (127, 25710), (130, 25713), (141, 25737), (147, 25749), (155, 25767), (166, 25785), (176, 25803), (179, 25809), (183, 25818), (204, 25848), (235, 25920), (257, 25977), (272, 26016), (302, 26094), (305, 26103), (306, 26106), (314, 26121), (338, 26175), (342, 26196), (345, 26211), (387, 26295), (402, 26325), (441, 26394), (463, 26406), (474, 26430), (481, 26448), (485, 26451), (493, 26463), (495, 26466), (507, 26496), (511, 26508),

Gene: Avani_36 Start: 26807, Stop: 27880, Start Num: 113

Candidate Starts for Avani_36:

(Start: 113 @26807 has 21 MA's), (Start: 129 @26834 has 1 MA's), (144, 26864), (195, 26957), (201, 26966), (205, 26975), (229, 27032), (245, 27077), (256, 27110), (260, 27119), (278, 27170), (298, 27212), (301, 27236), (304, 27245), (308, 27257), (323, 27287), (335, 27317), (337, 27320), (349, 27377), (351, 27380), (358, 27395), (364, 27407), (369, 27416), (381, 27440), (396, 27464), (432, 27545), (448, 27620), (479, 27731), (502, 27773), (503, 27776), (505, 27782), (511, 27797), (542, 27863),

Gene: AvatarAhPeg_10 Start: 5845, Stop: 6825, Start Num: 86

Candidate Starts for AvatarAhPeg_10:

(Start: 86 @5845 has 111 MA's), (95, 5872), (Start: 97 @5875 has 1 MA's), (Start: 104 @5893 has 1 MA's), (Start: 106 @5896 has 1 MA's), (234, 6145), (257, 6202), (263, 6214), (282, 6265), (297, 6286), (311, 6334), (342, 6391), (405, 6541), (507, 6664), (511, 6676), (545, 6742), (565, 6817),

Gene: Avle17_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Avle17_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Awesomesauce_32 Start: 27402, Stop: 28403, Start Num: 55

Candidate Starts for Awesomesauce_32:

(25, 27141), (35, 27303), (Start: 55 @27402 has 239 MA's), (82, 27477), (116, 27540), (Start: 129 @27561 has 1 MA's), (Start: 174 @27645 has 1 MA's), (188, 27669), (Start: 203 @27684 has 1 MA's), (207, 27696), (257, 27807), (301, 27921), (307, 27939), (328, 27978), (339, 28002), (346, 28038), (354, 28065), (381, 28104), (440, 28212), (478, 28260), (485, 28272), (511, 28329), (527, 28359),

Gene: Aziz_43 Start: 32938, Stop: 33918, Start Num: 84

Candidate Starts for Aziz_43:

(Start: 84 @32938 has 68 MA's), (Start: 94 @32965 has 3 MA's), (140, 33061), (152, 33088), (169, 33118), (204, 33175), (207, 33184), (257, 33295), (304, 33418), (305, 33421), (345, 33511), (352, 33526), (419, 33679), (421, 33682), (424, 33691), (431, 33703), (435, 33712), (442, 33733), (478, 33754), (514, 33829),

Gene: Azrael100_51 Start: 38380, Stop: 39345, Start Num: 55

Candidate Starts for Azrael100_51:

(Start: 55 @38380 has 239 MA's), (Start: 77 @38443 has 5 MA's), (118, 38503), (126, 38518), (Start: 129 @38521 has 1 MA's), (Start: 137 @38533 has 50 MA's), (139, 38539), (160, 38575), (162, 38578), (207, 38650), (213, 38665), (217, 38671), (244, 38734), (257, 38764), (269, 38797), (300, 38860), (301, 38863), (317, 38902), (333, 38935), (342, 38962), (344, 38971), (353, 39004), (436, 39139), (441, 39154), (478, 39199), (501, 39241), (511, 39268), (532, 39310),

Gene: B1_08 Start: 5376, Stop: 6116, Start Num: 189

Candidate Starts for B1_08:

(Start: 189 @5376 has 154 MA's), (235, 5463), (257, 5520), (263, 5532), (264, 5535), (272, 5559), (285, 5574), (300, 5622), (302, 5628), (314, 5655), (342, 5724), (368, 5796), (399, 5838), (410, 5865), (426, 5892), (440, 5925), (441, 5928), (474, 5967), (502, 6021), (549, 6108),

Gene: BAKA_53 Start: 42677, Stop: 43549, Start Num: 108

Candidate Starts for BAKA_53:

(Start: 108 @42677 has 40 MA's), (Start: 122 @42704 has 1 MA's), (153, 42764), (181, 42812), (218, 42878), (228, 42899), (240, 42920), (260, 42974), (292, 43055), (427, 43334), (429, 43337), (453, 43361), (471, 43397), (478, 43412), (483, 43424), (498, 43445),

Gene: BEEST_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for BEEST_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: BGlluviae_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for BGlluviae_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: BK1_08 Start: 5593, Stop: 6561, Start Num: 66

Candidate Starts for BK1_08:

(Start: 66 @5593 has 202 MA's), (Start: 77 @5626 has 5 MA's), (Start: 86 @5644 has 111 MA's), (Start: 87 @5647 has 14 MA's), (Start: 203 @5836 has 1 MA's), (240, 5914), (244, 5932), (257, 5965), (263, 5977), (296, 6052), (317, 6115), (329, 6139), (342, 6178), (346, 6196), (381, 6259), (431, 6340), (440, 6364), (441, 6367), (442, 6370), (463, 6379), (505, 6466), (515, 6490), (527, 6511), (547, 6553),

Gene: BPBiebs31_11 Start: 6265, Stop: 7233, Start Num: 66

Candidate Starts for BPBiebs31_11:

(Start: 66 @6265 has 202 MA's), (Start: 77 @6298 has 5 MA's), (Start: 86 @6316 has 111 MA's), (Start: 87 @6319 has 14 MA's), (240, 6586), (257, 6637), (263, 6649), (296, 6724), (317, 6787), (324, 6799), (333, 6820), (342, 6850), (346, 6868), (353, 6892), (381, 6931), (431, 7012), (440, 7036), (441, 7039), (442, 7042), (463, 7051), (505, 7138), (527, 7183), (547, 7225),

Gene: BaboJay_34 Start: 31408, Stop: 32265, Start Num: 165

Candidate Starts for BaboJay_34:

(Start: 165 @31408 has 123 MA's), (185, 31447), (207, 31477), (217, 31498), (233, 31534), (244, 31564), (276, 31639), (296, 31687), (298, 31690), (301, 31714), (302, 31717), (307, 31732), (381, 31903), (435, 32017), (440, 32032), (442, 32038), (478, 32080), (479, 32083), (507, 32137), (539, 32215), (552, 32248),

Gene: Baby16_10 Start: 5890, Stop: 6870, Start Num: 86

Candidate Starts for Baby16_10:

(Start: 86 @5890 has 111 MA's), (Start: 87 @5893 has 14 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (257, 6247), (297, 6331), (300, 6352), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (502, 6697), (507, 6709), (511, 6721), (545, 6787),

Gene: BabyBack_13 Start: 8108, Stop: 9085, Start Num: 84

Candidate Starts for BabyBack_13:

(Start: 84 @8108 has 68 MA's), (95, 8138), (Start: 104 @8159 has 1 MA's), (Start: 106 @8162 has 1 MA's), (120, 8195), (229, 8399), (234, 8411), (257, 8468), (263, 8480), (308, 8597), (342, 8657), (405, 8804), (511, 8939), (545, 9005),

Gene: BabyJohn_9 Start: 5958, Stop: 6698, Start Num: 189

Candidate Starts for BabyJohn_9:

(Start: 73 @5772 has 10 MA's), (98, 5841), (Start: 189 @5958 has 154 MA's), (235, 6045), (257, 6102), (263, 6114), (264, 6117), (272, 6141), (285, 6156), (296, 6180), (300, 6204), (302, 6210), (314, 6237), (342, 6306), (368, 6378), (399, 6420), (410, 6447), (426, 6474), (440, 6507), (441, 6510), (474, 6549), (549, 6690),

Gene: BabyRay_10 Start: 5972, Stop: 6706, Start Num: 189

Candidate Starts for BabyRay_10:

(Start: 189 @5972 has 154 MA's), (235, 6059), (257, 6116), (263, 6128), (264, 6131), (272, 6155), (285, 6170), (300, 6218), (302, 6224), (314, 6251), (342, 6320), (368, 6392), (399, 6434), (410, 6461), (426, 6488), (440, 6521), (441, 6524), (474, 6563), (539, 6686),

Gene: Babyland_255 Start: 144570, Stop: 145598, Start Num: 49

Candidate Starts for Babyland_255:

(Start: 49 @144570 has 167 MA's), (Start: 62 @144600 has 3 MA's), (68, 144612), (82, 144654), (116, 144717), (Start: 129 @144738 has 1 MA's), (Start: 174 @144822 has 1 MA's), (Start: 203 @144864 has 1 MA's), (207, 144876), (213, 144891), (244, 144960), (257, 144987), (278, 145041), (294, 145086), (295, 145089), (323, 145167), (333, 145188), (381, 145299), (434, 145389), (440, 145407), (493, 145479), (507, 145512),

Gene: BackyardAgain_247 Start: 141943, Stop: 142971, Start Num: 49

Candidate Starts for BackyardAgain_247:

(Start: 49 @141943 has 167 MA's), (Start: 62 @141973 has 3 MA's), (68, 141985), (82, 142027), (116, 142090), (Start: 129 @142111 has 1 MA's), (Start: 174 @142195 has 1 MA's), (Start: 203 @142237 has 1 MA's), (207, 142249), (213, 142264), (244, 142333), (257, 142360), (278, 142414), (294, 142459), (295, 142462), (323, 142540), (333, 142561), (381, 142672), (434, 142762), (440, 142780), (493, 142852), (507, 142885),

Gene: Backyardigan_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for Backyardigan_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (255, 6241), (257, 6247), (263, 6259), (273, 6289), (297, 6331), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: BaconJack_12 Start: 6044, Stop: 7012, Start Num: 66

Candidate Starts for BaconJack_12:

(Start: 66 @6044 has 202 MA's), (Start: 77 @6077 has 5 MA's), (Start: 86 @6095 has 111 MA's), (Start: 87 @6098 has 14 MA's), (240, 6365), (244, 6383), (257, 6416), (263, 6428), (296, 6503), (317, 6566), (333, 6599), (339, 6611), (342, 6629), (346, 6647), (353, 6671), (381, 6710), (431, 6791), (440, 6815), (441, 6818), (442, 6821), (463, 6830), (505, 6917), (547, 7004),

Gene: Bactobuster_12 Start: 8187, Stop: 9173, Start Num: 84

Candidate Starts for Bactobuster_12:

(Start: 84 @8187 has 68 MA's), (95, 8217), (Start: 97 @8220 has 1 MA's), (Start: 106 @8241 has 1 MA's), (179, 8376), (255, 8541), (257, 8547), (289, 8622), (297, 8631), (342, 8742), (362, 8802), (381, 8838), (405, 8892), (416, 8916), (422, 8922), (481, 8967), (511, 9027), (515, 9036),

Gene: BadAgartude_246 Start: 143855, Stop: 144883, Start Num: 49

Candidate Starts for BadAgartude_246:

(Start: 49 @143855 has 167 MA's), (Start: 62 @143885 has 3 MA's), (68, 143897), (82, 143939), (116, 144002), (Start: 129 @144023 has 1 MA's), (Start: 174 @144107 has 1 MA's), (Start: 203 @144149 has 1 MA's), (207, 144161), (213, 144176), (244, 144245), (257, 144272), (278, 144326), (294, 144371), (295, 144374), (323, 144452), (333, 144473), (381, 144584), (434, 144674), (440, 144692), (493, 144764), (507, 144797),

Gene: BadStone_34 Start: 31850, Stop: 32707, Start Num: 165

Candidate Starts for BadStone_34:

(Start: 165 @31850 has 123 MA's), (185, 31889), (207, 31919), (217, 31940), (233, 31976), (244, 32006), (276, 32081), (296, 32129), (298, 32132), (301, 32156), (302, 32159), (307, 32174), (381, 32345), (435, 32459), (440, 32474), (442, 32480), (478, 32522), (479, 32525), (507, 32579), (539, 32657), (552, 32690),

Gene: Badger_10 Start: 5879, Stop: 6859, Start Num: 86

Candidate Starts for Badger_10:

(Start: 55 @5819 has 239 MA's), (Start: 62 @5837 has 3 MA's), (Start: 86 @5879 has 111 MA's), (Start: 87 @5882 has 14 MA's), (95, 5906), (Start: 104 @5927 has 1 MA's), (Start: 106 @5930 has 1 MA's), (234, 6179), (255, 6230), (257, 6236), (263, 6248), (273, 6278), (297, 6320), (311, 6368), (334, 6398), (342, 6425), (405, 6575), (507, 6698), (511, 6710), (515, 6719), (545, 6776), (565, 6851),

Gene: Baehexic_12 Start: 6944, Stop: 7921, Start Num: 67

Candidate Starts for Baehexic_12:

(Start: 67 @6944 has 52 MA's), (Start: 87 @6998 has 14 MA's), (133, 7055), (213, 7187), (235, 7235), (257, 7292), (271, 7328), (296, 7376), (305, 7415), (340, 7487), (342, 7502), (354, 7547), (362, 7565),

(389, 7607), (410, 7655), (426, 7682), (434, 7697), (440, 7715), (441, 7718), (501, 7808),

Gene: BaghaKamala_31 Start: 26423, Stop: 27295, Start Num: 189

Candidate Starts for BaghaKamala_31:

(40, 26093), (128, 26321), (169, 26396), (Start: 189 @26423 has 154 MA's), (Start: 203 @26435 has 1 MA's), (234, 26504), (244, 26531), (253, 26561), (257, 26570), (271, 26606), (274, 26615), (287, 26648), (294, 26666), (302, 26696), (334, 26756), (397, 26891), (405, 26918), (415, 26939), (430, 26963), (447, 27014), (481, 27116), (502, 27152), (511, 27176), (555, 27275), (557, 27284),

Gene: Bagrid_48 Start: 42037, Stop: 42882, Start Num: 122

Candidate Starts for Bagrid_48:

(Start: 108 @42010 has 40 MA's), (Start: 122 @42037 has 1 MA's), (153, 42097), (181, 42145), (218, 42211), (228, 42232), (240, 42253), (260, 42307), (292, 42388), (427, 42667), (429, 42670), (453, 42694), (471, 42730), (478, 42745), (483, 42757), (498, 42778),

Gene: Balomoji_34 Start: 31584, Stop: 32441, Start Num: 165

Candidate Starts for Balomoji_34:

(Start: 165 @31584 has 123 MA's), (185, 31623), (207, 31653), (217, 31674), (233, 31710), (244, 31740), (276, 31815), (296, 31863), (298, 31866), (301, 31890), (302, 31893), (307, 31908), (381, 32079), (435, 32193), (440, 32208), (442, 32214), (478, 32256), (479, 32259), (507, 32313), (539, 32391), (552, 32424),

Gene: Baloo_47 Start: 41535, Stop: 42599, Start Num: 102

Candidate Starts for Baloo_47:

(Start: 102 @41535 has 45 MA's), (134, 41598), (179, 41679), (212, 41745), (222, 41760), (226, 41772), (237, 41799), (256, 41856), (260, 41865), (323, 42012), (332, 42027), (349, 42081), (366, 42114), (388, 42153), (396, 42165), (432, 42246), (442, 42264), (443, 42267), (478, 42423), (529, 42534), (540, 42555), (553, 42588),

Gene: BananaFence_250 Start: 144475, Stop: 145503, Start Num: 49

Candidate Starts for BananaFence_250:

(Start: 49 @144475 has 167 MA's), (Start: 62 @144505 has 3 MA's), (68, 144517), (82, 144559), (116, 144622), (Start: 129 @144643 has 1 MA's), (Start: 174 @144727 has 1 MA's), (Start: 203 @144769 has 1 MA's), (207, 144781), (213, 144796), (244, 144865), (257, 144892), (278, 144946), (294, 144991), (295, 144994), (323, 145072), (333, 145093), (381, 145204), (434, 145294), (440, 145312), (493, 145384), (507, 145417),

Gene: BangNhom_9 Start: 5858, Stop: 6838, Start Num: 86

Candidate Starts for BangNhom_9:

(Start: 86 @5858 has 111 MA's), (95, 5885), (Start: 104 @5906 has 1 MA's), (Start: 106 @5909 has 1 MA's), (234, 6158), (257, 6215), (263, 6227), (282, 6278), (297, 6299), (311, 6347), (342, 6404), (405, 6554), (507, 6677), (511, 6689), (545, 6755),

Gene: Bangla1971_253 Start: 144502, Stop: 145530, Start Num: 49

Candidate Starts for Bangla1971_253:

(Start: 49 @144502 has 167 MA's), (Start: 62 @144532 has 3 MA's), (68, 144544), (82, 144586), (116, 144649), (Start: 129 @144670 has 1 MA's), (Start: 174 @144754 has 1 MA's), (Start: 203 @144796 has 1 MA's), (207, 144808), (213, 144823), (244, 144892), (257, 144919), (278, 144973), (294, 145018), (295, 145021), (323, 145099), (333, 145120), (381, 145231), (434, 145321), (440, 145339), (493, 145411), (507, 145444),

Gene: Baoshan_27 Start: 26124, Stop: 27095, Start Num: 76

Candidate Starts for Baoshan_27:

(Start: 76 @26124 has 22 MA's), (Start: 97 @26178 has 1 MA's), (154, 26298), (164, 26313), (172, 26328), (180, 26343), (Start: 203 @26376 has 1 MA's), (207, 26388), (219, 26409), (244, 26472), (257, 26499), (266, 26523), (301, 26604), (305, 26616), (318, 26643), (340, 26679), (342, 26694), (345, 26709), (361, 26754), (370, 26769), (405, 26850), (413, 26868), (415, 26871), (420, 26874), (434, 26901), (484, 26925), (507, 26970), (525, 27012), (547, 27054),

Gene: Barbarian_34 Start: 30719, Stop: 31576, Start Num: 165

Candidate Starts for Barbarian_34:

(Start: 165 @30719 has 123 MA's), (185, 30758), (207, 30788), (217, 30809), (233, 30845), (244, 30875), (276, 30950), (296, 30998), (298, 31001), (301, 31025), (302, 31028), (307, 31043), (381, 31214), (435, 31328), (440, 31343), (442, 31349), (478, 31391), (479, 31394), (507, 31448), (539, 31526), (552, 31559),

Gene: Barnyard_40 Start: 32393, Stop: 33475, Start Num: 94

Candidate Starts for Barnyard_40:

(Start: 94 @32393 has 3 MA's), (236, 32687), (240, 32693), (244, 32711), (247, 32720), (269, 32783), (286, 32819), (292, 32837), (296, 32843), (332, 32930), (335, 32936), (373, 33032), (405, 33104), (411, 33119), (499, 33359), (504, 33377), (506, 33380), (512, 33395), (521, 33416),

Gene: BarrelRoll_31 Start: 26446, Stop: 27318, Start Num: 189

Candidate Starts for BarrelRoll_31:

(169, 26419), (Start: 189 @26446 has 154 MA's), (Start: 203 @26458 has 1 MA's), (234, 26527), (244, 26554), (253, 26584), (257, 26593), (271, 26629), (274, 26638), (287, 26671), (294, 26689), (302, 26719), (333, 26776), (334, 26779), (397, 26914), (405, 26941), (415, 26962), (430, 26986), (447, 27037), (481, 27139), (502, 27175), (511, 27199), (555, 27298), (557, 27307),

Gene: Barriga_10 Start: 5869, Stop: 6837, Start Num: 66

Candidate Starts for Barriga_10:

(Start: 66 @5869 has 202 MA's), (Start: 77 @5902 has 5 MA's), (Start: 86 @5920 has 111 MA's), (Start: 87 @5923 has 14 MA's), (240, 6190), (257, 6241), (263, 6253), (296, 6328), (317, 6391), (324, 6403), (333, 6424), (342, 6454), (346, 6472), (353, 6496), (381, 6535), (431, 6616), (440, 6640), (441, 6643), (442, 6646), (463, 6655), (505, 6742), (527, 6787), (547, 6829),

Gene: Bartimeaus_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Bartimeaus_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Bask21_35 Start: 31036, Stop: 31893, Start Num: 165

Candidate Starts for Bask21_35:

(Start: 165 @31036 has 123 MA's), (185, 31075), (207, 31105), (217, 31126), (233, 31162), (244, 31192), (276, 31267), (296, 31315), (298, 31318), (301, 31342), (302, 31345), (307, 31360), (381, 31531), (435, 31645), (440, 31660), (442, 31666), (478, 31708), (479, 31711), (507, 31765), (539, 31843), (552, 31876),

Gene: Basquiat_250 Start: 142761, Stop: 143789, Start Num: 49

Candidate Starts for Basquiat_250:

(Start: 49 @142761 has 167 MA's), (Start: 62 @142791 has 3 MA's), (68, 142803), (82, 142845), (116, 142908), (Start: 129 @142929 has 1 MA's), (Start: 174 @143013 has 1 MA's), (Start: 203 @143055 has 1 MA's), (207, 143067), (213, 143082), (244, 143151), (257, 143178), (278, 143232), (294, 143277), (295, 143280), (296, 143283), (323, 143358), (333, 143379), (381, 143490), (434, 143580), (440, 143598), (493, 143670), (507, 143703),

Gene: Batiatus_31 Start: 27509, Stop: 28507, Start Num: 55

Candidate Starts for Batiatus_31:

(Start: 55 @27509 has 239 MA's), (82, 27584), (116, 27644), (Start: 129 @27665 has 1 MA's), (Start: 174 @27749 has 1 MA's), (207, 27800), (213, 27815), (257, 27911), (296, 27998), (300, 28022), (307, 28043), (328, 28082), (333, 28094), (346, 28142), (354, 28169), (366, 28193), (381, 28208), (440, 28316), (478, 28364), (511, 28433), (527, 28463),

Gene: Baudelaire_29 Start: 25621, Stop: 26718, Start Num: 57

Candidate Starts for Baudelaire_29:

(Start: 57 @25621 has 2 MA's), (69, 25648), (Start: 86 @25693 has 111 MA's), (110, 25756), (162, 25852), (167, 25861), (Start: 203 @25915 has 1 MA's), (223, 25954), (255, 26035), (257, 26041), (274, 26086), (277, 26092), (299, 26155), (303, 26173), (305, 26179), (307, 26185), (334, 26230), (342, 26257), (398, 26374), (405, 26398), (431, 26449), (439, 26470), (470, 26488), (510, 26575), (520, 26599), (555, 26680), (561, 26707),

Gene: Bazzle_28 Start: 26483, Stop: 27511, Start Num: 54

Candidate Starts for Bazzle_28:

(Start: 54 @26483 has 29 MA's), (121, 26627), (125, 26633), (Start: 191 @26747 has 3 MA's), (194, 26753), (202, 26771), (235, 26846), (257, 26903), (300, 27014), (302, 27020), (305, 27029), (306, 27032), (314, 27047), (342, 27122), (402, 27251), (423, 27278), (436, 27305), (441, 27320), (463, 27332), (498, 27398), (511, 27434),

Gene: Beakin_32 Start: 27414, Stop: 28415, Start Num: 55

Candidate Starts for Beakin_32:

(35, 27315), (47, 27387), (Start: 55 @27414 has 239 MA's), (82, 27489), (95, 27522), (116, 27552), (Start: 129 @27573 has 1 MA's), (145, 27603), (Start: 174 @27657 has 1 MA's), (188, 27681), (Start: 203 @27696 has 1 MA's), (207, 27708), (213, 27723), (257, 27819), (301, 27933), (307, 27951), (328, 27990), (339, 28014), (346, 28050), (354, 28077), (381, 28116), (440, 28224), (478, 28272), (485, 28284), (507, 28329), (511, 28341), (527, 28371),

Gene: BeanWater_245 Start: 143638, Stop: 144666, Start Num: 49

Candidate Starts for BeanWater_245:

(Start: 49 @143638 has 167 MA's), (Start: 62 @143668 has 3 MA's), (68, 143680), (82, 143722), (116, 143785), (Start: 129 @143806 has 1 MA's), (Start: 174 @143890 has 1 MA's), (Start: 203 @143932 has 1 MA's), (207, 143944), (213, 143959), (244, 144028), (257, 144055), (278, 144109), (294, 144154), (295, 144157), (323, 144235), (333, 144256), (381, 144367), (434, 144457), (440, 144475), (493, 144547), (507, 144580),

Gene: Beatrix_9 Start: 5686, Stop: 6654, Start Num: 66

Candidate Starts for Beatrix_9:

(Start: 66 @5686 has 202 MA's), (Start: 77 @5719 has 5 MA's), (Start: 86 @5737 has 111 MA's), (Start: 87 @5740 has 14 MA's), (240, 6007), (257, 6058), (263, 6070), (296, 6145), (317, 6208), (333, 6241), (339, 6253), (342, 6271), (346, 6289), (381, 6352), (431, 6433), (440, 6457), (441, 6460), (442, 6463), (463, 6472), (505, 6559), (547, 6646),

Gene: Beauxregard13_12 Start: 5962, Stop: 6927, Start Num: 59

Candidate Starts for Beauxregard13_12:

(Start: 59 @5962 has 93 MA's), (78, 6007), (Start: 87 @6028 has 14 MA's), (158, 6148), (235, 6286), (257, 6343), (264, 6358), (300, 6439), (305, 6454), (314, 6472), (339, 6523), (342, 6541), (354, 6586), (410, 6682), (441, 6745), (474, 6784), (501, 6835),

Gene: Beem_49 Start: 42576, Stop: 43448, Start Num: 108

Candidate Starts for Beem_49:

(Start: 108 @42576 has 40 MA's), (Start: 122 @42603 has 1 MA's), (153, 42663), (181, 42711), (218, 42777), (228, 42798), (240, 42819), (260, 42873), (292, 42954), (427, 43233), (429, 43236), (453, 43260), (471, 43296), (478, 43311), (483, 43323), (498, 43344),

Gene: BeesKnees_10 Start: 5730, Stop: 6698, Start Num: 66

Candidate Starts for BeesKnees_10:

(Start: 66 @5730 has 202 MA's), (Start: 77 @5763 has 5 MA's), (Start: 86 @5781 has 111 MA's), (Start: 87 @5784 has 14 MA's), (240, 6051), (257, 6102), (263, 6114), (296, 6189), (317, 6252), (324, 6264), (333, 6285), (339, 6297), (342, 6315), (346, 6333), (353, 6357), (381, 6396), (431, 6477), (440, 6501), (441, 6504), (442, 6507), (463, 6516), (505, 6603), (527, 6648), (547, 6690),

Gene: Beezoo_31 Start: 26471, Stop: 27343, Start Num: 189

Candidate Starts for Beezoo_31:

(169, 26444), (Start: 189 @26471 has 154 MA's), (Start: 203 @26483 has 1 MA's), (234, 26552), (244, 26579), (253, 26609), (257, 26618), (271, 26654), (274, 26663), (287, 26696), (294, 26714), (302, 26744), (334, 26804), (397, 26939), (405, 26966), (415, 26987), (430, 27011), (447, 27062), (481, 27164), (502, 27200), (511, 27224), (530, 27272), (555, 27323), (557, 27332),

Gene: Bella96_31 Start: 26364, Stop: 27236, Start Num: 189

Candidate Starts for Bella96_31:

(169, 26337), (Start: 189 @26364 has 154 MA's), (Start: 203 @26376 has 1 MA's), (234, 26445), (244, 26472), (253, 26502), (257, 26511), (271, 26547), (274, 26556), (287, 26589), (334, 26697), (397, 26832), (405, 26859), (415, 26880), (430, 26904), (481, 27057), (502, 27093), (511, 27117), (555, 27216), (557, 27225),

Gene: Belladonna_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Belladonna_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Bellis_28 Start: 26907, Stop: 27896, Start Num: 94

Candidate Starts for Bellis_28:

(Start: 74 @26853 has 17 MA's), (Start: 76 @26859 has 22 MA's), (Start: 87 @26886 has 14 MA's), (Start: 94 @26907 has 3 MA's), (117, 26958), (163, 27039), (223, 27144), (255, 27225), (257, 27231), (299, 27327), (303, 27345), (305, 27351), (307, 27357), (342, 27429), (368, 27486), (372, 27489), (398, 27546), (431, 27621), (439, 27642), (472, 27666), (479, 27681), (486, 27693), (511, 27750), (555, 27852), (559, 27873),

Gene: BellusTerra_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for BellusTerra_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: Ben11_46 Start: 41355, Stop: 42419, Start Num: 102

Candidate Starts for Ben11_46:

(Start: 102 @41355 has 45 MA's), (134, 41418), (179, 41499), (212, 41565), (222, 41580), (226, 41592), (237, 41619), (256, 41676), (260, 41685), (323, 41832), (332, 41847), (349, 41901), (366, 41934), (388, 41973), (396, 41985), (432, 42066), (442, 42084), (443, 42087), (448, 42132), (478, 42243), (529, 42354), (540, 42375), (553, 42408),

Gene: Bench_37 Start: 31718, Stop: 32575, Start Num: 165

Candidate Starts for Bench_37:

(Start: 165 @31718 has 123 MA's), (185, 31757), (207, 31787), (217, 31808), (233, 31844), (244, 31874), (276, 31949), (296, 31997), (298, 32000), (301, 32024), (302, 32027), (307, 32042), (381, 32213), (435, 32327), (440, 32342), (442, 32348), (478, 32390), (479, 32393), (507, 32447), (539, 32525), (552, 32558),

Gene: Benedict_8 Start: 5182, Stop: 5991, Start Num: 137

Candidate Starts for Benedict_8:

(Start: 137 @5182 has 50 MA's), (161, 5227), (209, 5311), (215, 5326), (230, 5359), (343, 5629), (356, 5671), (379, 5710), (391, 5728), (403, 5758), (524, 5956),

Gene: BengiVuitton_12 Start: 6865, Stop: 7842, Start Num: 67

Candidate Starts for BengiVuitton_12:

(Start: 67 @6865 has 52 MA's), (Start: 87 @6919 has 14 MA's), (213, 7108), (229, 7144), (235, 7156), (257, 7213), (271, 7249), (296, 7297), (305, 7336), (342, 7423), (362, 7486), (389, 7528), (410, 7576), (426, 7603), (434, 7618), (440, 7636), (441, 7639), (474, 7678), (501, 7729), (545, 7828),

Gene: Benvolio_11 Start: 6541, Stop: 7518, Start Num: 67

Candidate Starts for Benvolio_11:

(Start: 67 @6541 has 52 MA's), (Start: 87 @6595 has 14 MA's), (213, 6784), (229, 6820), (235, 6832), (257, 6889), (271, 6925), (296, 6973), (305, 7012), (329, 7060), (338, 7078), (340, 7084), (342, 7099), (354, 7144), (362, 7162), (389, 7204), (410, 7252), (426, 7279), (434, 7294), (440, 7312), (441, 7315), (501, 7405), (545, 7504),

Gene: Bernardo_48 Start: 42081, Stop: 43145, Start Num: 102

Candidate Starts for Bernardo_48:

(Start: 102 @42081 has 45 MA's), (134, 42144), (179, 42225), (212, 42291), (222, 42306), (226, 42318), (237, 42345), (256, 42402), (260, 42411), (323, 42558), (332, 42573), (349, 42627), (366, 42660), (388, 42699), (396, 42711), (432, 42792), (442, 42810), (443, 42813), (478, 42969), (529, 43080), (540, 43101), (553, 43134),

Gene: Bethlehem_10 Start: 6272, Stop: 7240, Start Num: 66

Candidate Starts for Bethlehem_10:

(Start: 66 @6272 has 202 MA's), (Start: 77 @6305 has 5 MA's), (Start: 86 @6323 has 111 MA's), (Start: 87 @6326 has 14 MA's), (240, 6593), (257, 6644), (263, 6656), (296, 6731), (333, 6827), (342, 6857), (381, 6938), (431, 7019), (440, 7043), (441, 7046), (442, 7049), (463, 7058), (505, 7145), (547, 7232),

Gene: Bexan_9 Start: 5686, Stop: 6654, Start Num: 66

Candidate Starts for Bexan_9:

(Start: 66 @5686 has 202 MA's), (Start: 77 @5719 has 5 MA's), (Start: 86 @5737 has 111 MA's), (Start: 87 @5740 has 14 MA's), (240, 6007), (257, 6058), (263, 6070), (296, 6145), (317, 6208), (333, 6241), (339, 6253), (342, 6271), (346, 6289), (381, 6352), (431, 6433), (440, 6457), (441, 6460), (442, 6463), (463, 6472), (505, 6559), (547, 6646),

Gene: BiancaTri92_13 Start: 8213, Stop: 9196, Start Num: 67

Candidate Starts for BiancaTri92_13:

(Start: 67 @8213 has 52 MA's), (Start: 86 @8264 has 111 MA's), (Start: 87 @8267 has 14 MA's), (257, 8591), (264, 8606), (296, 8675), (300, 8699), (305, 8714), (339, 8783), (342, 8801), (410, 8945), (441, 9008), (474, 9047), (487, 9071), (498, 9089),

Gene: Big3_10 Start: 5629, Stop: 6597, Start Num: 66

Candidate Starts for Big3_10:

(Start: 66 @5629 has 202 MA's), (Start: 77 @5662 has 5 MA's), (Start: 86 @5680 has 111 MA's), (Start: 87 @5683 has 14 MA's), (240, 5950), (257, 6001), (263, 6013), (296, 6088), (317, 6151), (324, 6163), (333, 6184), (339, 6196), (342, 6214), (346, 6232), (353, 6256), (381, 6295), (431, 6376), (440, 6400), (441, 6403), (442, 6406), (463, 6415), (505, 6502), (527, 6547), (547, 6589),

Gene: BigBubba_36 Start: 31621, Stop: 32478, Start Num: 165

Candidate Starts for BigBubba_36:

(Start: 165 @31621 has 123 MA's), (185, 31660), (207, 31690), (217, 31711), (233, 31747), (244, 31777), (276, 31852), (296, 31900), (298, 31903), (301, 31927), (302, 31930), (307, 31945), (381, 32116), (435, 32230), (440, 32245), (442, 32251), (478, 32293), (479, 32296), (507, 32350), (539, 32428), (552, 32461),

Gene: BigCheese_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for BigCheese_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: BigCity_260 Start: 146393, Stop: 147421, Start Num: 49

Candidate Starts for BigCity_260:

(Start: 49 @146393 has 167 MA's), (Start: 62 @146423 has 3 MA's), (68, 146435), (82, 146477), (116, 146540), (Start: 129 @146561 has 1 MA's), (Start: 174 @146645 has 1 MA's), (Start: 203 @146687 has 1 MA's), (207, 146699), (213, 146714), (244, 146783), (257, 146810), (278, 146864), (294, 146909), (295, 146912), (323, 146990), (333, 147011), (381, 147122), (434, 147212), (440, 147230), (493, 147302), (507, 147335),

Gene: BigMau_11 Start: 5731, Stop: 6699, Start Num: 66

Candidate Starts for BigMau_11:

(Start: 66 @5731 has 202 MA's), (Start: 77 @5764 has 5 MA's), (Start: 86 @5782 has 111 MA's), (Start: 87 @5785 has 14 MA's), (240, 6052), (257, 6103), (263, 6115), (296, 6190), (317, 6253), (324, 6265), (333, 6286), (339, 6298), (342, 6316), (346, 6334), (353, 6358), (381, 6397), (431, 6478), (440, 6502), (441, 6505), (442, 6508), (463, 6517), (505, 6604), (547, 6691),

Gene: BigPaolini_11 Start: 6658, Stop: 7626, Start Num: 66

Candidate Starts for BigPaolini_11:

(Start: 66 @6658 has 202 MA's), (Start: 77 @6691 has 5 MA's), (Start: 86 @6709 has 111 MA's), (Start: 87 @6712 has 14 MA's), (240, 6979), (257, 7030), (263, 7042), (296, 7117), (317, 7180), (324, 7192), (333, 7213), (339, 7225), (342, 7243), (346, 7261), (353, 7285), (381, 7324), (431, 7405), (440, 7429), (441, 7432), (442, 7435), (463, 7444), (505, 7531), (547, 7618),

Gene: BigPhil_27 Start: 23733, Stop: 24731, Start Num: 55

Candidate Starts for BigPhil_27:

(Start: 55 @23733 has 239 MA's), (82, 23808), (116, 23868), (Start: 129 @23889 has 1 MA's), (Start: 174 @23973 has 1 MA's), (207, 24024), (213, 24039), (257, 24135), (296, 24222), (300, 24246), (307, 24267), (328, 24306), (333, 24318), (346, 24366), (354, 24393), (366, 24417), (381, 24432), (440, 24540), (478, 24588), (511, 24657), (527, 24687),

Gene: Bigfoot_9 Start: 5757, Stop: 6725, Start Num: 66

Candidate Starts for Bigfoot_9:

(Start: 66 @5757 has 202 MA's), (Start: 77 @5790 has 5 MA's), (Start: 86 @5808 has 111 MA's), (Start: 87 @5811 has 14 MA's), (240, 6078), (257, 6129), (263, 6141), (296, 6216), (317, 6279), (324, 6291), (333, 6312), (342, 6342), (346, 6360), (353, 6384), (381, 6423), (431, 6504), (440, 6528), (441, 6531), (442, 6534), (463, 6543), (505, 6630), (527, 6675), (547, 6717),

Gene: Biglebops_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for Biglebops_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: Bigswole_257 Start: 146304, Stop: 147332, Start Num: 49

Candidate Starts for Bigswole_257:

(Start: 49 @146304 has 167 MA's), (Start: 62 @146334 has 3 MA's), (68, 146346), (82, 146388), (116, 146451), (Start: 129 @146472 has 1 MA's), (Start: 174 @146556 has 1 MA's), (Start: 203 @146598 has 1 MA's), (207, 146610), (213, 146625), (244, 146694), (257, 146721), (278, 146775), (294, 146820), (295, 146823), (323, 146901), (333, 146922), (381, 147033), (434, 147123), (440, 147141), (493, 147213), (507, 147246),

Gene: BilboSwaggins_35 Start: 31858, Stop: 32715, Start Num: 165

Candidate Starts for BilboSwaggins_35:

(Start: 165 @31858 has 123 MA's), (185, 31897), (207, 31927), (217, 31948), (233, 31984), (244, 32014), (276, 32089), (296, 32137), (298, 32140), (301, 32164), (302, 32167), (307, 32182), (381, 32353), (428, 32452), (435, 32467), (440, 32482), (442, 32488), (478, 32530), (479, 32533), (507, 32587), (539, 32665), (552, 32698),

Gene: BillKnuckles_11 Start: 6674, Stop: 7642, Start Num: 66

Candidate Starts for BillKnuckles_11:

(Start: 66 @6674 has 202 MA's), (Start: 77 @6707 has 5 MA's), (Start: 86 @6725 has 111 MA's), (Start: 87 @6728 has 14 MA's), (240, 6995), (257, 7046), (263, 7058), (296, 7133), (317, 7196), (324, 7208), (333, 7229), (339, 7241), (342, 7259), (346, 7277), (353, 7301), (381, 7340), (431, 7421), (440, 7445), (441, 7448), (442, 7451), (463, 7460), (498, 7526), (505, 7547), (547, 7634),

Gene: Bipolar_28 Start: 26593, Stop: 27594, Start Num: 55

Candidate Starts for Bipolar_28:

(Start: 55 @26593 has 239 MA's), (82, 26668), (95, 26701), (116, 26731), (Start: 129 @26752 has 1 MA's), (Start: 174 @26836 has 1 MA's), (188, 26860), (Start: 203 @26875 has 1 MA's), (207, 26887), (257, 26998), (300, 27109), (307, 27130), (328, 27169), (339, 27193), (346, 27229), (354, 27256), (366, 27280), (381, 27295), (440, 27403), (478, 27451), (511, 27520), (527, 27550),

Gene: Bipolarisk_250 Start: 144521, Stop: 145549, Start Num: 49

Candidate Starts for Bipolarisk_250:

(Start: 49 @144521 has 167 MA's), (Start: 62 @144551 has 3 MA's), (68, 144563), (82, 144605), (116, 144668), (Start: 129 @144689 has 1 MA's), (Start: 174 @144773 has 1 MA's), (Start: 203 @144815 has 1 MA's), (207, 144827), (213, 144842), (244, 144911), (257, 144938), (278, 144992), (294, 145037), (295, 145040), (323, 145118), (333, 145139), (381, 145250), (434, 145340), (440, 145358), (493, 145430), (507, 145463),

Gene: Bircsak_10 Start: 6218, Stop: 7186, Start Num: 66

Candidate Starts for Bircsak_10:

(Start: 66 @6218 has 202 MA's), (Start: 77 @6251 has 5 MA's), (Start: 86 @6269 has 111 MA's), (Start: 87 @6272 has 14 MA's), (240, 6539), (257, 6590), (263, 6602), (296, 6677), (317, 6740), (333,

6773), (339, 6785), (342, 6803), (346, 6821), (353, 6845), (381, 6884), (431, 6965), (440, 6989), (441, 6992), (442, 6995), (463, 7004), (505, 7091), (547, 7178),

Gene: BirdsNest_51 Start: 41335, Stop: 42336, Start Num: 86

Candidate Starts for BirdsNest_51:

(Start: 86 @41335 has 111 MA's), (95, 41362), (Start: 106 @41386 has 1 MA's), (255, 41692), (257, 41698), (271, 41734), (282, 41761), (342, 41893), (348, 41923), (362, 41953), (381, 41989), (405, 42043), (416, 42067), (422, 42073), (478, 42109), (563, 42310),

Gene: Blackbrain_251 Start: 144538, Stop: 145566, Start Num: 49

Candidate Starts for Blackbrain_251:

(Start: 49 @144538 has 167 MA's), (Start: 62 @144568 has 3 MA's), (68, 144580), (82, 144622), (116, 144685), (Start: 129 @144706 has 1 MA's), (Start: 174 @144790 has 1 MA's), (Start: 203 @144832 has 1 MA's), (207, 144844), (213, 144859), (244, 144928), (257, 144955), (278, 145009), (294, 145054), (295, 145057), (323, 145135), (333, 145156), (381, 145267), (434, 145357), (440, 145375), (493, 145447), (507, 145480),

Gene: Blackdragon_247 Start: 144086, Stop: 145114, Start Num: 49

Candidate Starts for Blackdragon_247:

(Start: 49 @144086 has 167 MA's), (Start: 62 @144116 has 3 MA's), (82, 144170), (116, 144233), (Start: 129 @144254 has 1 MA's), (Start: 174 @144338 has 1 MA's), (Start: 203 @144380 has 1 MA's), (207, 144392), (213, 144407), (244, 144476), (257, 144503), (278, 144557), (294, 144602), (295, 144605), (323, 144683), (333, 144704), (381, 144815), (434, 144905), (440, 144923), (493, 144995), (507, 145028),

Gene: Blackmoor_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Blackmoor_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Blarby_39 Start: 27985, Stop: 28986, Start Num: 55

Candidate Starts for Blarby_39:

(Start: 55 @27985 has 239 MA's), (Start: 62 @28006 has 3 MA's), (68, 28018), (82, 28060), (116, 28123), (Start: 129 @28144 has 1 MA's), (145, 28174), (149, 28186), (Start: 174 @28228 has 1 MA's), (188, 28252), (Start: 203 @28267 has 1 MA's), (207, 28279), (257, 28390), (301, 28504), (307, 28522), (328, 28561), (339, 28585), (346, 28621), (354, 28648), (366, 28672), (381, 28687), (440, 28795), (478, 28843), (511, 28912), (527, 28942),

Gene: Blessica_68 Start: 43732, Stop: 44772, Start Num: 55

Candidate Starts for Blessica_68:

(Start: 55 @43732 has 239 MA's), (82, 43807), (116, 43888), (119, 43894), (Start: 129 @43909 has 1 MA's), (172, 43990), (Start: 174 @43993 has 1 MA's), (207, 44047), (213, 44062), (257, 44158), (272, 44197), (284, 44227), (294, 44257), (295, 44260), (302, 44293), (333, 44359), (346, 44407), (354, 44434), (381, 44473), (488, 44647), (511, 44698),

Gene: Blexus_31 Start: 27836, Stop: 28837, Start Num: 55

Candidate Starts for Blexus_31:

(47, 27809), (Start: 55 @27836 has 239 MA's), (82, 27911), (95, 27944), (116, 27974), (Start: 129 @27995 has 1 MA's), (145, 28025), (149, 28037), (Start: 174 @28079 has 1 MA's), (207, 28130), (213, 28145), (257, 28241), (300, 28352), (307, 28373), (328, 28412), (333, 28424), (346, 28472), (354, 28499), (366, 28523), (381, 28538), (440, 28646), (478, 28694), (511, 28763), (527, 28793),

Gene: Blizzard_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Blizzard_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: BluSpix_10 Start: 6017, Stop: 6985, Start Num: 66

Candidate Starts for BluSpix_10:

(Start: 66 @6017 has 202 MA's), (Start: 77 @6050 has 5 MA's), (Start: 86 @6068 has 111 MA's), (Start: 87 @6071 has 14 MA's), (240, 6338), (257, 6389), (263, 6401), (296, 6476), (317, 6539), (324, 6551), (333, 6572), (339, 6584), (342, 6602), (346, 6620), (381, 6683), (431, 6764), (440, 6788), (441, 6791), (442, 6794), (463, 6803), (505, 6890), (527, 6935), (547, 6977),

Gene: Blubba_239 Start: 147265, Stop: 148299, Start Num: 49

Candidate Starts for Blubba_239:

(Start: 49 @147265 has 167 MA's), (Start: 62 @147295 has 3 MA's), (82, 147349), (116, 147412), (Start: 129 @147433 has 1 MA's), (Start: 174 @147517 has 1 MA's), (Start: 203 @147559 has 1 MA's), (207, 147571), (213, 147586), (244, 147655), (257, 147682), (278, 147736), (294, 147781), (295, 147784), (323, 147862), (333, 147883), (381, 147994), (434, 148084), (440, 148102), (493, 148174), (507, 148207), (550, 148294),

Gene: Blue_10 Start: 6124, Stop: 7092, Start Num: 66

Candidate Starts for Blue_10:

(Start: 66 @6124 has 202 MA's), (Start: 77 @6157 has 5 MA's), (Start: 86 @6175 has 111 MA's), (Start: 87 @6178 has 14 MA's), (240, 6445), (257, 6496), (263, 6508), (296, 6583), (333, 6679), (339, 6691), (342, 6709), (346, 6727), (353, 6751), (381, 6790), (431, 6871), (440, 6895), (441, 6898), (442, 6901), (463, 6910), (505, 6997), (547, 7084),

Gene: BlueBird_11 Start: 5739, Stop: 6479, Start Num: 189

Candidate Starts for BlueBird_11:

(98, 5622), (Start: 189 @5739 has 154 MA's), (235, 5826), (257, 5883), (263, 5895), (264, 5898), (272, 5922), (285, 5937), (290, 5955), (300, 5985), (302, 5991), (305, 6000), (314, 6018), (339, 6069), (342, 6087), (368, 6159), (399, 6201), (410, 6228), (426, 6255), (440, 6288), (441, 6291), (474, 6330), (549, 6471),

Gene: BlueCrab_31 Start: 27687, Stop: 28688, Start Num: 55

Candidate Starts for BlueCrab_31:

(35, 27588), (Start: 55 @27687 has 239 MA's), (Start: 62 @27708 has 3 MA's), (68, 27720), (82, 27762), (116, 27825), (Start: 129 @27846 has 1 MA's), (Start: 174 @27930 has 1 MA's), (188, 27954), (Start: 203 @27969 has 1 MA's), (207, 27981), (257, 28092), (301, 28206), (307, 28224), (328, 28263), (339, 28287), (346, 28323), (354, 28350), (381, 28389), (410, 28437), (440, 28497), (478, 28545), (485, 28557), (507, 28602), (511, 28614),

Gene: Bluefalcon_7 Start: 5433, Stop: 6242, Start Num: 137

Candidate Starts for Bluefalcon_7:

(Start: 137 @5433 has 50 MA's), (169, 5496), (175, 5505), (188, 5526), (209, 5562), (230, 5610), (250, 5667), (261, 5691), (343, 5880), (356, 5922), (391, 5979), (534, 6228),

Gene: Bob3_9 Start: 5573, Stop: 6541, Start Num: 66

Candidate Starts for Bob3_9:

(Start: 66 @5573 has 202 MA's), (Start: 77 @5606 has 5 MA's), (Start: 86 @5624 has 111 MA's), (Start: 87 @5627 has 14 MA's), (240, 5894), (257, 5945), (263, 5957), (296, 6032), (317, 6095), (324,

6107), (333, 6128), (339, 6140), (342, 6158), (346, 6176), (353, 6200), (381, 6239), (431, 6320), (440, 6344), (441, 6347), (442, 6350), (463, 6359), (505, 6446), (547, 6533),

Gene: BobSwaget_14 Start: 8111, Stop: 9097, Start Num: 84

Candidate Starts for BobSwaget_14:

(Start: 84 @8111 has 68 MA's), (95, 8141), (Start: 104 @8162 has 1 MA's), (Start: 106 @8165 has 1 MA's), (120, 8198), (234, 8414), (255, 8465), (257, 8471), (263, 8483), (269, 8504), (311, 8594), (342, 8660), (405, 8810), (414, 8831), (511, 8945), (545, 9017),

Gene: BobaPhett_31 Start: 27708, Stop: 28709, Start Num: 55

Candidate Starts for BobaPhett_31:

(Start: 55 @27708 has 239 MA's), (82, 27783), (116, 27846), (Start: 129 @27867 has 1 MA's), (Start: 174 @27951 has 1 MA's), (188, 27975), (Start: 203 @27990 has 1 MA's), (207, 28002), (257, 28113), (301, 28227), (307, 28245), (328, 28284), (339, 28308), (346, 28344), (381, 28410), (440, 28518), (478, 28566), (485, 28578), (507, 28623), (511, 28635), (527, 28665),

Gene: Bobby_48 Start: 41009, Stop: 42013, Start Num: 73

Candidate Starts for Bobby_48:

(Start: 73 @41009 has 10 MA's), (92, 41063), (115, 41114), (154, 41183), (157, 41186), (181, 41228), (253, 41366), (257, 41375), (274, 41420), (301, 41489), (310, 41513), (312, 41516), (339, 41561), (342, 41579), (405, 41741), (412, 41756), (417, 41765), (552, 41966),

Gene: Bobi_33 Start: 28223, Stop: 29221, Start Num: 55

Candidate Starts for Bobi_33:

(Start: 55 @28223 has 239 MA's), (82, 28298), (116, 28358), (Start: 129 @28379 has 1 MA's), (Start: 174 @28463 has 1 MA's), (207, 28514), (213, 28529), (257, 28625), (300, 28736), (307, 28757), (328, 28796), (333, 28808), (346, 28856), (354, 28883), (366, 28907), (381, 28922), (440, 29030), (478, 29078), (511, 29147), (527, 29177),

Gene: BobsGarage_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for BobsGarage_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: BodEinwohner17_31 Start: 27906, Stop: 28907, Start Num: 55

Candidate Starts for BodEinwohner17_31:

(Start: 55 @27906 has 239 MA's), (82, 27981), (95, 28014), (116, 28044), (Start: 129 @28065 has 1 MA's), (145, 28095), (149, 28107), (Start: 174 @28149 has 1 MA's), (188, 28173), (Start: 203 @28188 has 1 MA's), (207, 28200), (257, 28311), (301, 28425), (307, 28443), (328, 28482), (333, 28494), (346, 28542), (354, 28569), (366, 28593), (381, 28608), (440, 28716), (478, 28764), (511, 28833), (527, 28863),

Gene: Boiiii_31 Start: 26496, Stop: 27368, Start Num: 189

Candidate Starts for Boiiii_31:

(40, 26166), (128, 26394), (169, 26469), (Start: 189 @26496 has 154 MA's), (Start: 203 @26508 has 1 MA's), (234, 26577), (244, 26604), (253, 26634), (257, 26643), (271, 26679), (274, 26688), (287, 26721), (294, 26739), (302, 26769), (334, 26829), (397, 26964), (405, 26991), (415, 27012), (430, 27036), (447, 27087), (481, 27189), (502, 27225), (511, 27249), (555, 27348), (557, 27357),

Gene: Boilgate_28 Start: 28389, Stop: 29168, Start Num: 173

Candidate Starts for Boilgate_28:

(142, 28332), (Start: 173 @28389 has 20 MA's), (Start: 203 @28422 has 1 MA's), (219, 28455), (243, 28509), (244, 28518), (257, 28545), (271, 28581), (274, 28590), (304, 28662), (397, 28869), (405, 28896), (415, 28917), (431, 28944), (477, 28962), (507, 29019), (511, 29031), (522, 29055),

Gene: Bombitas_46 Start: 42161, Stop: 43027, Start Num: 108

Candidate Starts for Bombitas_46:

(Start: 108 @42161 has 40 MA's), (Start: 122 @42188 has 1 MA's), (135, 42209), (181, 42296), (195, 42317), (218, 42362), (228, 42383), (240, 42404), (260, 42458), (283, 42509), (299, 42560), (369, 42710), (396, 42752), (415, 42803), (429, 42821), (474, 42887), (479, 42899), (483, 42908), (501, 42938), (526, 43001),

Gene: Bombshell_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Bombshell_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Bonamassa_8 Start: 5355, Stop: 6164, Start Num: 137

Candidate Starts for Bonamassa_8:

(Start: 137 @5355 has 50 MA's), (169, 5418), (175, 5427), (209, 5484), (230, 5532), (261, 5613), (343, 5802), (356, 5844), (391, 5901), (407, 5943), (534, 6150),

Gene: Bones_10 Start: 5768, Stop: 6736, Start Num: 66

Candidate Starts for Bones_10:

(Start: 66 @5768 has 202 MA's), (Start: 77 @5801 has 5 MA's), (Start: 86 @5819 has 111 MA's), (Start: 87 @5822 has 14 MA's), (240, 6089), (257, 6140), (263, 6152), (296, 6227), (317, 6290), (324, 6302), (333, 6323), (339, 6335), (342, 6353), (346, 6371), (353, 6395), (381, 6434), (431, 6515), (440, 6539), (441, 6542), (442, 6545), (463, 6554), (505, 6641), (547, 6728),

Gene: Bongo_38 Start: 31794, Stop: 32765, Start Num: 85

Candidate Starts for Bongo_38:

(Start: 85 @31794 has 13 MA's), (Start: 94 @31818 has 3 MA's), (100, 31833), (169, 31971), (186, 31998), (Start: 197 @32016 has 16 MA's), (204, 32028), (207, 32037), (229, 32082), (233, 32094), (248, 32121), (257, 32148), (263, 32160), (280, 32205), (292, 32232), (301, 32262), (304, 32271), (305, 32274), (345, 32361), (352, 32376), (419, 32529), (421, 32532), (472, 32592), (478, 32604), (481, 32613), (502, 32649), (508, 32664), (538, 32703), (552, 32736),

Gene: Bonray_255 Start: 146338, Stop: 147366, Start Num: 49

Candidate Starts for Bonray_255:

(Start: 49 @146338 has 167 MA's), (Start: 62 @146368 has 3 MA's), (68, 146380), (82, 146422), (116, 146485), (Start: 129 @146506 has 1 MA's), (Start: 174 @146590 has 1 MA's), (Start: 203 @146632 has 1 MA's), (207, 146644), (213, 146659), (244, 146728), (257, 146755), (278, 146809), (294, 146854), (295, 146857), (323, 146935), (333, 146956), (381, 147067), (434, 147157), (440, 147175), (493, 147247), (507, 147280),

Gene: Boomer_33 Start: 27576, Stop: 28577, Start Num: 55

Candidate Starts for Boomer_33:

(Start: 55 @27576 has 239 MA's), (82, 27651), (95, 27684), (116, 27714), (Start: 129 @27735 has 1 MA's), (145, 27765), (149, 27777), (Start: 174 @27819 has 1 MA's), (188, 27843), (Start: 203 @27858 has 1 MA's), (207, 27870), (257, 27981), (301, 28095), (307, 28113), (328, 28152), (339, 28176), (346, 28212), (354, 28239), (381, 28278), (440, 28386), (478, 28434), (485, 28446), (507, 28491), (511, 28503), (527, 28533),

Gene: BoostSeason_30 Start: 24885, Stop: 26096, Start Num: 71

Candidate Starts for BoostSeason_30:

(1, 24174), (4, 24237), (5, 24261), (36, 24762), (38, 24783), (56, 24846), (Start: 71 @24885 has 10 MA's), (80, 24912), (90, 24933), (103, 24969), (126, 25014), (178, 25110), (Start: 203 @25143 has 1 MA's), (204, 25146), (219, 25176), (244, 25242), (257, 25281), (292, 25359), (306, 25404), (339, 25461), (342, 25479), (368, 25551), (405, 25644), (415, 25665), (428, 25686), (430, 25689), (452, 25803), (457, 25818), (478, 25887), (507, 25944), (543, 26025),

Gene: Bora_65 Start: 43113, Stop: 44153, Start Num: 55

Candidate Starts for Bora_65:

(Start: 55 @43113 has 239 MA's), (82, 43188), (116, 43269), (Start: 129 @43290 has 1 MA's), (172, 43371), (Start: 174 @43374 has 1 MA's), (207, 43428), (213, 43443), (257, 43539), (272, 43578), (284, 43608), (294, 43638), (295, 43641), (302, 43674), (333, 43740), (346, 43788), (354, 43815), (381, 43854), (488, 44028), (511, 44079),

Gene: BourbonZero_27 Start: 26811, Stop: 27854, Start Num: 74

Candidate Starts for BourbonZero_27:

(Start: 74 @26811 has 17 MA's), (Start: 76 @26817 has 22 MA's), (Start: 87 @26844 has 14 MA's), (Start: 94 @26865 has 3 MA's), (117, 26916), (163, 26997), (223, 27102), (255, 27183), (257, 27189), (273, 27231), (299, 27285), (303, 27303), (305, 27309), (307, 27315), (342, 27387), (368, 27444), (398, 27504), (431, 27579), (472, 27624), (479, 27639), (481, 27645), (511, 27708), (555, 27810), (559, 27831), (561, 27837),

Gene: Bradman_10 Start: 5599, Stop: 6363, Start Num: 197

Candidate Starts for Bradman_10:

(Start: 197 @5599 has 16 MA's), (257, 5743), (301, 5857), (302, 5860), (305, 5869), (339, 5938), (342, 5956), (362, 6019), (410, 6097), (426, 6124), (434, 6139), (440, 6157), (441, 6160), (501, 6250), (528, 6319),

Gene: BrainDrainer_27 Start: 25485, Stop: 26507, Start Num: 54

Candidate Starts for BrainDrainer_27:

(Start: 54 @25485 has 29 MA's), (96, 25596), (121, 25629), (125, 25635), (130, 25641), (182, 25743), (183, 25746), (207, 25785), (217, 25806), (235, 25848), (257, 25905), (301, 26019), (342, 26124), (379, 26205), (380, 26208), (402, 26253), (441, 26316), (463, 26328), (498, 26394), (501, 26403), (511, 26430),

Gene: BreSam8_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for BreSam8_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579), (410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: Bread_249 Start: 144305, Stop: 145333, Start Num: 49

Candidate Starts for Bread_249:

(Start: 49 @144305 has 167 MA's), (Start: 62 @144335 has 3 MA's), (68, 144347), (82, 144389), (116, 144452), (Start: 129 @144473 has 1 MA's), (Start: 174 @144557 has 1 MA's), (Start: 203 @144599 has 1 MA's), (207, 144611), (213, 144626), (244, 144695), (257, 144722), (278, 144776), (294, 144821), (295, 144824), (323, 144902), (333, 144923), (381, 145034), (434, 145124), (440, 145142), (493, 145214), (507, 145247),

Gene: Breeniome_252 Start: 143293, Stop: 144321, Start Num: 49

Candidate Starts for Breeniome_252:

(Start: 49 @143293 has 167 MA's), (Start: 62 @143323 has 3 MA's), (68, 143335), (82, 143377), (116, 143440), (Start: 129 @143461 has 1 MA's), (Start: 174 @143545 has 1 MA's), (Start: 203 @143587 has 1 MA's), (207, 143599), (213, 143614), (244, 143683), (257, 143710), (278, 143764), (294, 143809), (295, 143812), (323, 143890), (333, 143911), (381, 144022), (434, 144112), (440, 144130), (493, 144202), (507, 144235),

Gene: Breezona_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Breezona_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Briakila_48 Start: 42303, Stop: 43367, Start Num: 102

Candidate Starts for Briakila_48:

(Start: 102 @42303 has 45 MA's), (134, 42366), (179, 42447), (212, 42513), (222, 42528), (226, 42540), (237, 42567), (256, 42624), (260, 42633), (323, 42780), (332, 42795), (349, 42849), (366, 42882), (388, 42921), (396, 42933), (432, 43014), (442, 43032), (443, 43035), (478, 43191), (529, 43302), (540, 43323), (553, 43356),

Gene: Bricole_38 Start: 31780, Stop: 32751, Start Num: 85

Candidate Starts for Bricole_38:

(Start: 85 @31780 has 13 MA's), (Start: 94 @31804 has 3 MA's), (100, 31819), (169, 31957), (186, 31984), (Start: 197 @32002 has 16 MA's), (204, 32014), (207, 32023), (229, 32068), (233, 32080), (248, 32107), (257, 32134), (263, 32146), (280, 32191), (292, 32218), (301, 32248), (304, 32257), (305, 32260), (345, 32347), (352, 32362), (419, 32515), (421, 32518), (472, 32578), (478, 32590), (481, 32599), (502, 32635), (508, 32650), (538, 32689), (552, 32722),

Gene: Briton15_11 Start: 5784, Stop: 6752, Start Num: 66

Candidate Starts for Briton15_11:

(Start: 66 @5784 has 202 MA's), (Start: 77 @5817 has 5 MA's), (Start: 86 @5835 has 111 MA's), (Start: 87 @5838 has 14 MA's), (240, 6105), (257, 6156), (263, 6168), (296, 6243), (333, 6339), (342, 6369), (381, 6450), (431, 6531), (440, 6555), (441, 6558), (442, 6561), (463, 6570), (505, 6657), (547, 6744),

Gene: Brocalys_26 Start: 23309, Stop: 24310, Start Num: 55

Candidate Starts for Brocalys_26:

(Start: 55 @23309 has 239 MA's), (82, 23384), (116, 23447), (Start: 129 @23468 has 1 MA's), (Start: 174 @23552 has 1 MA's), (188, 23576), (Start: 203 @23591 has 1 MA's), (207, 23603), (257, 23714), (307, 23846), (328, 23885), (333, 23897), (354, 23972), (381, 24011), (511, 24236), (527, 24266),

Gene: Bromden_28 Start: 25913, Stop: 26935, Start Num: 54

Candidate Starts for Bromden_28:

(Start: 54 @25913 has 29 MA's), (121, 26057), (125, 26063), (130, 26069), (182, 26171), (183, 26174), (196, 26189), (207, 26213), (217, 26234), (235, 26276), (257, 26333), (301, 26447), (305, 26459), (342, 26552), (379, 26633), (402, 26681), (441, 26744), (463, 26756), (498, 26822), (501, 26831), (511, 26858),

Gene: Broseidon_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Broseidon_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370),

(342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Bruin_35 Start: 31878, Stop: 32735, Start Num: 165

Candidate Starts for Bruin_35:

(Start: 165 @31878 has 123 MA's), (185, 31917), (207, 31947), (217, 31968), (233, 32004), (244, 32034), (276, 32109), (296, 32157), (298, 32160), (301, 32184), (302, 32187), (307, 32202), (381, 32373), (435, 32487), (440, 32502), (442, 32508), (478, 32550), (479, 32553), (507, 32607), (539, 32685), (552, 32718),

Gene: Bruiser_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Bruiser_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Bruns_8 Start: 5434, Stop: 6402, Start Num: 66

Candidate Starts for Bruns_8:

(Start: 66 @5434 has 202 MA's), (Start: 77 @5467 has 5 MA's), (Start: 86 @5485 has 111 MA's), (Start: 87 @5488 has 14 MA's), (240, 5755), (257, 5806), (263, 5818), (296, 5893), (317, 5956), (329, 5980), (342, 6019), (346, 6037), (381, 6100), (431, 6181), (440, 6205), (441, 6208), (442, 6211), (463, 6220), (505, 6307), (527, 6352), (547, 6394),

Gene: Bryler_31 Start: 25864, Stop: 26607, Start Num: 189

Candidate Starts for Bryler_31:

(169, 25837), (Start: 189 @25864 has 154 MA's), (204, 25882), (215, 25906), (219, 25912), (234, 25948), (253, 25996), (257, 26005), (271, 26041), (287, 26083), (334, 26191), (397, 26326), (401, 26341), (405, 26353), (415, 26374), (437, 26389), (438, 26392), (451, 26398), (507, 26476), (543, 26557), (552, 26578), (555, 26587),

Gene: BubbleTrouble_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for BubbleTrouble_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Bubbles123_33 Start: 28498, Stop: 29499, Start Num: 55

Candidate Starts for Bubbles123_33:

(Start: 55 @28498 has 239 MA's), (82, 28573), (95, 28606), (116, 28636), (Start: 129 @28657 has 1 MA's), (Start: 174 @28741 has 1 MA's), (207, 28792), (213, 28807), (257, 28903), (300, 29014), (307, 29035), (328, 29074), (333, 29086), (346, 29134), (354, 29161), (366, 29185), (381, 29200), (440, 29308), (478, 29356), (511, 29425), (527, 29455),

Gene: Buck_34 Start: 31814, Stop: 32671, Start Num: 165

Candidate Starts for Buck_34:

(Start: 165 @31814 has 123 MA's), (185, 31853), (207, 31883), (217, 31904), (233, 31940), (244, 31970), (276, 32045), (296, 32093), (298, 32096), (301, 32120), (302, 32123), (307, 32138), (381, 32309), (428, 32408), (435, 32423), (440, 32438), (442, 32444), (478, 32486), (479, 32489), (507, 32543), (539, 32621), (552, 32654),

Gene: Bugatti_10 Start: 5739, Stop: 6479, Start Num: 189

Candidate Starts for Bugatti_10:

(98, 5622), (Start: 189 @5739 has 154 MA's), (235, 5826), (257, 5883), (263, 5895), (264, 5898), (272, 5922), (285, 5937), (290, 5955), (300, 5985), (302, 5991), (305, 6000), (314, 6018), (339, 6069), (342,

6087), (368, 6159), (399, 6201), (410, 6228), (426, 6255), (440, 6288), (441, 6291), (474, 6330), (549, 6471),

Gene: BugsBunny_33 Start: 31447, Stop: 32304, Start Num: 165

Candidate Starts for BugsBunny_33:

(Start: 165 @31447 has 123 MA's), (185, 31486), (207, 31516), (217, 31537), (233, 31573), (244, 31603), (276, 31678), (296, 31726), (298, 31729), (301, 31753), (302, 31756), (307, 31771), (381, 31942), (435, 32056), (440, 32071), (442, 32077), (478, 32119), (479, 32122), (507, 32176), (539, 32254), (552, 32287),

Gene: Buggy_13 Start: 6872, Stop: 7864, Start Num: 84

Candidate Starts for Buggy_13:

(Start: 84 @6872 has 68 MA's), (Start: 104 @6923 has 1 MA's), (Start: 106 @6926 has 1 MA's), (200, 7094), (Start: 203 @7100 has 1 MA's), (213, 7127), (241, 7187), (257, 7232), (294, 7319), (311, 7364), (341, 7403), (351, 7451), (357, 7466), (390, 7532), (406, 7574), (491, 7661), (511, 7709), (541, 7775),

Gene: Bumblebee11_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for Bumblebee11_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (255, 6241), (257, 6247), (263, 6259), (273, 6289), (297, 6331), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: Burger_9 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Burger_9:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Burrough_253 Start: 145666, Stop: 146694, Start Num: 49

Candidate Starts for Burrough_253:

(Start: 49 @145666 has 167 MA's), (Start: 62 @145696 has 3 MA's), (68, 145708), (82, 145750), (116, 145813), (Start: 129 @145834 has 1 MA's), (Start: 174 @145918 has 1 MA's), (Start: 203 @145960 has 1 MA's), (207, 145972), (213, 145987), (244, 146056), (257, 146083), (278, 146137), (294, 146182), (295, 146185), (323, 146263), (333, 146284), (381, 146395), (434, 146485), (440, 146503), (493, 146575), (507, 146608),

Gene: Burton_10 Start: 5634, Stop: 6602, Start Num: 66

Candidate Starts for Burton_10:

(Start: 66 @5634 has 202 MA's), (Start: 77 @5667 has 5 MA's), (Start: 86 @5685 has 111 MA's), (Start: 87 @5688 has 14 MA's), (240, 5955), (257, 6006), (263, 6018), (296, 6093), (317, 6156), (324, 6168), (333, 6189), (339, 6201), (342, 6219), (346, 6237), (353, 6261), (381, 6300), (431, 6381), (440, 6405), (441, 6408), (442, 6411), (463, 6420), (505, 6507), (547, 6594),

Gene: Burwell21_31 Start: 27697, Stop: 28698, Start Num: 55

Candidate Starts for Burwell21_31:

(Start: 55 @27697 has 239 MA's), (Start: 62 @27718 has 3 MA's), (68, 27730), (82, 27772), (116, 27835), (Start: 129 @27856 has 1 MA's), (145, 27886), (Start: 174 @27940 has 1 MA's), (188, 27964), (Start: 203 @27979 has 1 MA's), (207, 27991), (257, 28102), (301, 28216), (307, 28234), (328, 28273), (339, 28297), (346, 28333), (354, 28360), (381, 28399), (410, 28447), (440, 28507), (485, 28567), (511, 28624), (527, 28654),

Gene: Buttons_11 Start: 6206, Stop: 7174, Start Num: 66

Candidate Starts for Buttons_11:

(Start: 66 @6206 has 202 MA's), (Start: 77 @6239 has 5 MA's), (Start: 86 @6257 has 111 MA's), (Start: 87 @6260 has 14 MA's), (240, 6527), (257, 6578), (263, 6590), (296, 6665), (317, 6728), (324, 6740), (333, 6761), (339, 6773), (342, 6791), (346, 6809), (381, 6872), (431, 6953), (440, 6977), (441, 6980), (442, 6983), (463, 6992), (505, 7079), (527, 7124), (547, 7166),

Gene: BuzzBuzz_11 Start: 6046, Stop: 7011, Start Num: 59

Candidate Starts for BuzzBuzz_11:

(Start: 59 @6046 has 93 MA's), (78, 6091), (Start: 87 @6112 has 14 MA's), (158, 6232), (235, 6370), (257, 6427), (264, 6442), (300, 6523), (305, 6538), (314, 6556), (339, 6607), (342, 6625), (354, 6670), (410, 6766), (441, 6829), (501, 6919),

Gene: BuzzLyseyear_34 Start: 28312, Stop: 29313, Start Num: 55

Candidate Starts for BuzzLyseyear_34:

(Start: 55 @28312 has 239 MA's), (82, 28387), (95, 28420), (116, 28450), (Start: 129 @28471 has 1 MA's), (145, 28501), (149, 28513), (Start: 174 @28555 has 1 MA's), (188, 28579), (Start: 203 @28594 has 1 MA's), (207, 28606), (257, 28717), (301, 28831), (307, 28849), (328, 28888), (339, 28912), (346, 28948), (354, 28975), (381, 29014), (440, 29122), (478, 29170), (511, 29239), (527, 29269),

Gene: Bxb1_9 Start: 6043, Stop: 7011, Start Num: 66

Candidate Starts for Bxb1_9:

(Start: 66 @6043 has 202 MA's), (Start: 77 @6076 has 5 MA's), (Start: 86 @6094 has 111 MA's), (Start: 87 @6097 has 14 MA's), (240, 6364), (257, 6415), (263, 6427), (296, 6502), (317, 6565), (324, 6577), (333, 6598), (342, 6628), (346, 6646), (353, 6670), (381, 6709), (431, 6790), (440, 6814), (441, 6817), (442, 6820), (463, 6829), (505, 6916), (527, 6961), (547, 7003),

Gene: Bxz1_238 Start: 145870, Stop: 146898, Start Num: 49

Candidate Starts for Bxz1_238:

(Start: 49 @145870 has 167 MA's), (Start: 62 @145900 has 3 MA's), (68, 145912), (82, 145954), (116, 146017), (Start: 129 @146038 has 1 MA's), (Start: 174 @146122 has 1 MA's), (Start: 203 @146164 has 1 MA's), (207, 146176), (213, 146191), (244, 146260), (257, 146287), (278, 146341), (294, 146386), (295, 146389), (323, 146467), (333, 146488), (381, 146599), (434, 146689), (440, 146707), (493, 146779), (507, 146812),

Gene: Bxz2_12 Start: 6056, Stop: 7021, Start Num: 59

Candidate Starts for Bxz2_12:

(Start: 59 @6056 has 93 MA's), (78, 6101), (Start: 87 @6122 has 14 MA's), (158, 6242), (235, 6380), (257, 6437), (264, 6452), (300, 6533), (305, 6548), (314, 6566), (339, 6617), (342, 6635), (354, 6680), (410, 6776), (441, 6839), (474, 6878), (501, 6929),

Gene: Byougenkin_31 Start: 27595, Stop: 28596, Start Num: 55

Candidate Starts for Byougenkin_31:

(Start: 55 @27595 has 239 MA's), (82, 27670), (95, 27703), (116, 27733), (Start: 129 @27754 has 1 MA's), (Start: 174 @27838 has 1 MA's), (188, 27862), (Start: 203 @27877 has 1 MA's), (207, 27889), (257, 28000), (301, 28114), (307, 28132), (328, 28171), (339, 28195), (346, 28231), (354, 28258), (366, 28282), (381, 28297), (440, 28405), (478, 28453), (511, 28522), (527, 28552),

Gene: C3_09 Start: 6596, Stop: 7345, Start Num: 197

Candidate Starts for C3_09:

(Start: 197 @6596 has 16 MA's), (200, 6602), (258, 6743), (296, 6830), (300, 6854), (302, 6860), (314, 6887), (339, 6938), (342, 6956), (410, 7100), (441, 7163), (478, 7211), (479, 7214), (498, 7244), (501, 7253),

Gene: CRB1_11 Start: 6408, Stop: 7385, Start Num: 67

Candidate Starts for CRB1_11:

(Start: 67 @6408 has 52 MA's), (Start: 87 @6462 has 14 MA's), (133, 6519), (213, 6651), (229, 6687), (235, 6699), (257, 6756), (271, 6792), (296, 6840), (305, 6879), (340, 6951), (342, 6966), (362, 7029), (389, 7071), (410, 7119), (426, 7146), (434, 7161), (440, 7179), (441, 7182), (472, 7218), (501, 7272), (545, 7371),

Gene: CREW_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for CREW_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Cabrinians_31 Start: 27775, Stop: 28776, Start Num: 55

Candidate Starts for Cabrinians_31:

(Start: 55 @27775 has 239 MA's), (82, 27850), (95, 27883), (116, 27913), (Start: 129 @27934 has 1 MA's), (145, 27964), (149, 27976), (Start: 174 @28018 has 1 MA's), (188, 28042), (Start: 203 @28057 has 1 MA's), (207, 28069), (257, 28180), (301, 28294), (307, 28312), (328, 28351), (339, 28375), (346, 28411), (381, 28477), (440, 28585), (478, 28633), (485, 28645), (507, 28690), (511, 28702), (527, 28732),

Gene: Cactojaque_247 Start: 143484, Stop: 144512, Start Num: 49

Candidate Starts for Cactojaque_247:

(Start: 49 @143484 has 167 MA's), (Start: 62 @143514 has 3 MA's), (68, 143526), (82, 143568), (116, 143631), (Start: 129 @143652 has 1 MA's), (Start: 174 @143736 has 1 MA's), (Start: 203 @143778 has 1 MA's), (207, 143790), (213, 143805), (244, 143874), (257, 143901), (278, 143955), (294, 144000), (295, 144003), (323, 144081), (333, 144102), (381, 144213), (434, 144303), (440, 144321), (493, 144393), (507, 144426),

Gene: Cactus_36 Start: 31069, Stop: 31926, Start Num: 165

Candidate Starts for Cactus_36:

(Start: 165 @31069 has 123 MA's), (185, 31108), (207, 31138), (217, 31159), (233, 31195), (244, 31225), (276, 31300), (296, 31348), (298, 31351), (301, 31375), (302, 31378), (307, 31393), (381, 31564), (435, 31678), (440, 31693), (442, 31699), (478, 31741), (479, 31744), (507, 31798), (539, 31876), (552, 31909),

Gene: CactusRose_9 Start: 5756, Stop: 6724, Start Num: 66

Candidate Starts for CactusRose_9:

(Start: 66 @5756 has 202 MA's), (Start: 77 @5789 has 5 MA's), (Start: 86 @5807 has 111 MA's), (Start: 87 @5810 has 14 MA's), (240, 6077), (257, 6128), (263, 6140), (296, 6215), (317, 6278), (324, 6290), (333, 6311), (339, 6323), (342, 6341), (346, 6359), (353, 6383), (381, 6422), (431, 6503), (440, 6527), (441, 6530), (442, 6533), (463, 6542), (527, 6674), (547, 6716),

Gene: Caelakin_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Caelakin_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Cain_31 Start: 25852, Stop: 26595, Start Num: 189

Candidate Starts for Cain_31:

(169, 25825), (Start: 189 @25852 has 154 MA's), (204, 25870), (215, 25894), (219, 25900), (234, 25936), (253, 25984), (257, 25993), (271, 26029), (287, 26071), (334, 26179), (397, 26314), (401,

26329), (405, 26341), (415, 26362), (437, 26377), (438, 26380), (451, 26386), (507, 26464), (543, 26545), (552, 26566), (555, 26575),

Gene: Cali_242 Start: 144263, Stop: 145291, Start Num: 49

Candidate Starts for Cali_242:

(Start: 49 @144263 has 167 MA's), (Start: 62 @144293 has 3 MA's), (82, 144347), (116, 144410), (Start: 129 @144431 has 1 MA's), (Start: 174 @144515 has 1 MA's), (Start: 203 @144557 has 1 MA's), (207, 144569), (213, 144584), (244, 144653), (257, 144680), (278, 144734), (294, 144779), (295, 144782), (323, 144860), (333, 144881), (381, 144992), (434, 145082), (440, 145100), (493, 145172), (507, 145205),

Gene: Calm_26 Start: 25561, Stop: 26592, Start Num: 54

Candidate Starts for Calm_26:

(Start: 54 @25561 has 29 MA's), (127, 25714), (130, 25717), (141, 25741), (147, 25753), (155, 25771), (166, 25789), (176, 25807), (179, 25813), (183, 25822), (196, 25837), (204, 25852), (235, 25924), (257, 25981), (272, 26020), (302, 26098), (305, 26107), (306, 26110), (314, 26125), (338, 26179), (342, 26200), (345, 26215), (387, 26299), (402, 26329), (441, 26398), (463, 26410), (474, 26434), (481, 26452), (485, 26455), (493, 26467), (495, 26470), (507, 26500), (511, 26512),

Gene: Calvinny_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Calvinny_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: Camperdownii_9 Start: 5498, Stop: 6478, Start Num: 86

Candidate Starts for Camperdownii_9:

(Start: 86 @5498 has 111 MA's), (95, 5525), (Start: 104 @5546 has 1 MA's), (Start: 106 @5549 has 1 MA's), (234, 5798), (257, 5855), (263, 5867), (271, 5891), (282, 5918), (297, 5939), (311, 5987), (342, 6044), (405, 6194), (502, 6305), (507, 6317), (511, 6329), (545, 6395),

Gene: Candle_39 Start: 35346, Stop: 36395, Start Num: 108

Candidate Starts for Candle_39:

(Start: 108 @35346 has 40 MA's), (151, 35430), (156, 35439), (169, 35463), (188, 35493), (201, 35514), (208, 35532), (216, 35550), (226, 35571), (229, 35580), (236, 35598), (245, 35625), (260, 35667), (298, 35757), (315, 35799), (327, 35820), (359, 35919), (373, 35946), (407, 36018), (440, 36072), (472, 36222), (486, 36249), (492, 36258), (510, 36300), (511, 36303), (514, 36309), (519, 36318), (535, 36354), (540, 36363), (546, 36372),

Gene: Cane17_241 Start: 147674, Stop: 148708, Start Num: 49

Candidate Starts for Cane17_241:

(Start: 49 @147674 has 167 MA's), (Start: 62 @147704 has 3 MA's), (82, 147758), (116, 147821), (Start: 129 @147842 has 1 MA's), (Start: 174 @147926 has 1 MA's), (Start: 203 @147968 has 1 MA's), (207, 147980), (213, 147995), (244, 148064), (257, 148091), (278, 148145), (294, 148190), (295, 148193), (323, 148271), (333, 148292), (381, 148403), (434, 148493), (440, 148511), (493, 148583), (507, 148616), (550, 148703),

Gene: Capablanca_257 Start: 146517, Stop: 147545, Start Num: 49

Candidate Starts for Capablanca_257:

(Start: 49 @146517 has 167 MA's), (Start: 62 @146547 has 3 MA's), (68, 146559), (82, 146601), (116, 146664), (Start: 129 @146685 has 1 MA's), (Start: 174 @146769 has 1 MA's), (Start: 203 @146811 has 1 MA's), (207, 146823), (213, 146838), (244, 146907), (257, 146934), (278, 146988), (294, 147033), (295, 147036), (323, 147114), (333, 147135), (381, 147246), (434, 147336), (440, 147354),

(493, 147426), (507, 147459),

Gene: Capricorn_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Capricorn_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: CaptainTrips_32 Start: 27915, Stop: 28916, Start Num: 55

Candidate Starts for CaptainTrips_32:

(Start: 55 @27915 has 239 MA's), (Start: 62 @27936 has 3 MA's), (68, 27948), (82, 27990), (116, 28053), (Start: 129 @28074 has 1 MA's), (Start: 174 @28158 has 1 MA's), (188, 28182), (Start: 203 @28197 has 1 MA's), (207, 28209), (257, 28320), (301, 28434), (307, 28452), (328, 28491), (339, 28515), (346, 28551), (354, 28578), (381, 28617), (440, 28725), (478, 28773), (485, 28785), (507, 28830), (511, 28842), (527, 28872),

Gene: Caravan_242 Start: 144567, Stop: 145595, Start Num: 49

Candidate Starts for Caravan_242:

(Start: 49 @144567 has 167 MA's), (Start: 62 @144597 has 3 MA's), (68, 144609), (82, 144651), (116, 144714), (Start: 129 @144735 has 1 MA's), (Start: 174 @144819 has 1 MA's), (Start: 203 @144861 has 1 MA's), (207, 144873), (213, 144888), (244, 144957), (257, 144984), (278, 145038), (294, 145083), (295, 145086), (323, 145164), (333, 145185), (381, 145296), (434, 145386), (440, 145404), (493, 145476), (507, 145509),

Gene: Carlyle_12 Start: 6604, Stop: 7572, Start Num: 66

Candidate Starts for Carlyle_12:

(Start: 66 @6604 has 202 MA's), (Start: 77 @6637 has 5 MA's), (Start: 86 @6655 has 111 MA's), (Start: 87 @6658 has 14 MA's), (240, 6925), (257, 6976), (263, 6988), (296, 7063), (317, 7126), (324, 7138), (333, 7159), (339, 7171), (342, 7189), (346, 7207), (353, 7231), (381, 7270), (431, 7351), (440, 7375), (441, 7378), (442, 7381), (463, 7390), (505, 7477), (527, 7522), (547, 7564),

Gene: Casbah_46 Start: 41385, Stop: 42449, Start Num: 102

Candidate Starts for Casbah_46:

(Start: 102 @41385 has 45 MA's), (134, 41448), (179, 41529), (212, 41595), (222, 41610), (226, 41622), (237, 41649), (256, 41706), (260, 41715), (323, 41862), (332, 41877), (349, 41931), (366, 41964), (388, 42003), (396, 42015), (432, 42096), (442, 42114), (443, 42117), (448, 42162), (478, 42273), (529, 42384), (540, 42405), (553, 42438),

Gene: CaseJules_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for CaseJules_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Catdawg_67 Start: 43468, Stop: 44508, Start Num: 55

Candidate Starts for Catdawg_67:

(Start: 55 @43468 has 239 MA's), (82, 43543), (116, 43624), (119, 43630), (Start: 129 @43645 has 1 MA's), (172, 43726), (Start: 174 @43729 has 1 MA's), (207, 43783), (213, 43798), (257, 43894), (272, 43933), (284, 43963), (294, 43993), (295, 43996), (302, 44029), (333, 44095), (346, 44143), (354, 44170), (381, 44209), (488, 44383), (511, 44434),

Gene: Catera_241 Start: 143006, Stop: 144034, Start Num: 49

Candidate Starts for Catera_241:

(Start: 49 @143006 has 167 MA's), (Start: 62 @143036 has 3 MA's), (68, 143048), (82, 143090), (116, 143153), (Start: 129 @143174 has 1 MA's), (Start: 174 @143258 has 1 MA's), (Start: 203 @143300 has 1 MA's), (207, 143312), (213, 143327), (244, 143396), (257, 143423), (278, 143477), (294, 143522), (295, 143525), (323, 143603), (333, 143624), (381, 143735), (434, 143825), (440, 143843), (493, 143915), (507, 143948),

Gene: Caviar_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Caviar_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Centaur_13 Start: 6923, Stop: 7900, Start Num: 67

Candidate Starts for Centaur_13:

(Start: 67 @6923 has 52 MA's), (Start: 87 @6977 has 14 MA's), (133, 7034), (213, 7166), (235, 7214), (257, 7271), (271, 7307), (296, 7355), (305, 7394), (340, 7466), (342, 7481), (354, 7526), (362, 7544), (389, 7586), (410, 7634), (426, 7661), (434, 7676), (440, 7694), (441, 7697), (501, 7787),

Gene: CentreCat_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for CentreCat_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Cerasum_27 Start: 23733, Stop: 24731, Start Num: 55

Candidate Starts for Cerasum_27:

(Start: 55 @23733 has 239 MA's), (82, 23808), (116, 23868), (Start: 129 @23889 has 1 MA's), (Start: 174 @23973 has 1 MA's), (207, 24024), (213, 24039), (257, 24135), (296, 24222), (300, 24246), (307, 24267), (328, 24306), (333, 24318), (346, 24366), (354, 24393), (366, 24417), (381, 24432), (440, 24540), (478, 24588), (511, 24657), (527, 24687),

Gene: Cerulean_10 Start: 5859, Stop: 6839, Start Num: 86

Candidate Starts for Cerulean_10:

(Start: 86 @5859 has 111 MA's), (95, 5886), (Start: 104 @5907 has 1 MA's), (Start: 106 @5910 has 1 MA's), (234, 6159), (257, 6216), (263, 6228), (282, 6279), (297, 6300), (311, 6348), (342, 6405), (405, 6555), (507, 6678), (511, 6690), (545, 6756),

Gene: ChaChing_47 Start: 41548, Stop: 42612, Start Num: 102

Candidate Starts for ChaChing_47:

(Start: 102 @41548 has 45 MA's), (134, 41611), (179, 41692), (212, 41758), (222, 41773), (226, 41785), (237, 41812), (256, 41869), (260, 41878), (323, 42025), (332, 42040), (349, 42094), (366, 42127), (388, 42166), (396, 42178), (432, 42259), (442, 42277), (443, 42280), (448, 42325), (478, 42436), (529, 42547), (540, 42568), (553, 42601),

Gene: Chadwick_9 Start: 5150, Stop: 5959, Start Num: 137

Candidate Starts for Chadwick_9:

(105, 5087), (123, 5126), (Start: 137 @5150 has 50 MA's), (169, 5213), (209, 5279), (215, 5294), (230, 5327), (343, 5597), (356, 5639), (379, 5678), (391, 5696), (403, 5726), (524, 5924),

Gene: ChampagnePapi_10 Start: 5858, Stop: 6838, Start Num: 86

Candidate Starts for ChampagnePapi_10:

(Start: 86 @5858 has 111 MA's), (95, 5885), (Start: 104 @5906 has 1 MA's), (Start: 106 @5909 has 1 MA's), (234, 6158), (257, 6215), (263, 6227), (282, 6278), (297, 6299), (311, 6347), (342, 6404), (405, 6554), (507, 6677), (511, 6689), (545, 6755),

Gene: Chanagan_9 Start: 5600, Stop: 6568, Start Num: 66

Candidate Starts for Chanagan_9:

(Start: 66 @5600 has 202 MA's), (Start: 77 @5633 has 5 MA's), (Start: 86 @5651 has 111 MA's), (Start: 87 @5654 has 14 MA's), (240, 5921), (257, 5972), (263, 5984), (296, 6059), (317, 6122), (324, 6134), (333, 6155), (339, 6167), (342, 6185), (346, 6203), (353, 6227), (381, 6266), (431, 6347), (440, 6371), (441, 6374), (442, 6377), (463, 6386), (505, 6473), (547, 6560),

Gene: Chancellor_32 Start: 27640, Stop: 28431, Start Num: 173

Candidate Starts for Chancellor_32:

(Start: 173 @27640 has 20 MA's), (Start: 203 @27673 has 1 MA's), (219, 27706), (229, 27730), (239, 27751), (243, 27760), (251, 27790), (253, 27799), (257, 27808), (271, 27844), (304, 27925), (397, 28132), (405, 28159), (415, 28180), (430, 28204), (479, 28228), (507, 28282), (511, 28294), (545, 28366),

Gene: Chandler_47 Start: 42316, Stop: 43380, Start Num: 102

Candidate Starts for Chandler_47:

(Start: 102 @42316 has 45 MA's), (134, 42379), (179, 42460), (212, 42526), (222, 42541), (226, 42553), (237, 42580), (256, 42637), (260, 42646), (323, 42793), (332, 42808), (349, 42862), (366, 42895), (388, 42934), (396, 42946), (432, 43027), (442, 43045), (443, 43048), (478, 43204), (529, 43315), (540, 43336), (553, 43369),

Gene: Changeling_14 Start: 8284, Stop: 9261, Start Num: 67

Candidate Starts for Changeling_14:

(Start: 67 @8284 has 52 MA's), (Start: 87 @8338 has 14 MA's), (213, 8527), (229, 8563), (235, 8575), (257, 8632), (271, 8668), (296, 8716), (305, 8755), (339, 8824), (342, 8842), (354, 8887), (362, 8905), (389, 8947), (410, 8995), (426, 9022), (434, 9037), (441, 9058), (472, 9094), (474, 9097), (501, 9148),

Gene: Chaph_10 Start: 5890, Stop: 6870, Start Num: 86

Candidate Starts for Chaph_10:

(Start: 86 @5890 has 111 MA's), (Start: 87 @5893 has 14 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (257, 6247), (297, 6331), (300, 6352), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (502, 6697), (507, 6709), (511, 6721), (545, 6787),

Gene: Charge21_250 Start: 142761, Stop: 143789, Start Num: 49

Candidate Starts for Charge21_250:

(Start: 49 @142761 has 167 MA's), (Start: 62 @142791 has 3 MA's), (68, 142803), (82, 142845), (116, 142908), (Start: 129 @142929 has 1 MA's), (Start: 174 @143013 has 1 MA's), (Start: 203 @143055 has 1 MA's), (207, 143067), (213, 143082), (244, 143151), (257, 143178), (278, 143232), (294, 143277), (295, 143280), (296, 143283), (323, 143358), (333, 143379), (381, 143490), (434, 143580), (440, 143598), (493, 143670), (507, 143703),

Gene: CharlieB_247 Start: 144029, Stop: 145057, Start Num: 49

Candidate Starts for CharlieB_247:

(Start: 49 @144029 has 167 MA's), (Start: 62 @144059 has 3 MA's), (82, 144113), (116, 144176), (Start: 129 @144197 has 1 MA's), (Start: 174 @144281 has 1 MA's), (Start: 203 @144323 has 1 MA's), (207, 144335), (213, 144350), (244, 144419), (257, 144446), (278, 144500), (294, 144545), (295, 144548), (323, 144626), (333, 144647), (381, 144758), (434, 144848), (440, 144866), (493, 144938), (507, 144971),

Gene: Chaser_26 Start: 25327, Stop: 26349, Start Num: 54

Candidate Starts for Chaser_26:

(Start: 54 @25327 has 29 MA's), (96, 25438), (121, 25471), (125, 25477), (130, 25483), (182, 25585), (183, 25588), (207, 25627), (217, 25648), (235, 25690), (257, 25747), (301, 25861), (305, 25873), (342, 25966), (379, 26047), (380, 26050), (402, 26095), (441, 26158), (463, 26170), (501, 26245), (511, 26272),

Gene: ChaylaJr_251 Start: 143703, Stop: 144731, Start Num: 49

Candidate Starts for ChaylaJr_251:

(Start: 49 @143703 has 167 MA's), (Start: 62 @143733 has 3 MA's), (68, 143745), (82, 143787), (116, 143850), (Start: 129 @143871 has 1 MA's), (Start: 174 @143955 has 1 MA's), (Start: 203 @143997 has 1 MA's), (207, 144009), (213, 144024), (244, 144093), (257, 144120), (278, 144174), (294, 144219), (295, 144222), (323, 144300), (333, 144321), (381, 144432), (434, 144522), (440, 144540), (493, 144612), (507, 144645),

Gene: Che8_33 Start: 27957, Stop: 28958, Start Num: 55

Candidate Starts for Che8_33:

(35, 27858), (Start: 55 @27957 has 239 MA's), (82, 28032), (95, 28065), (116, 28095), (Start: 129 @28116 has 1 MA's), (145, 28146), (Start: 174 @28200 has 1 MA's), (188, 28224), (Start: 203 @28239 has 1 MA's), (207, 28251), (257, 28362), (301, 28476), (307, 28494), (328, 28533), (339, 28557), (346, 28593), (354, 28620), (381, 28659), (410, 28707), (440, 28767), (478, 28815), (485, 28827), (507, 28872), (511, 28884), (527, 28914),

Gene: Che9d_36 Start: 26815, Stop: 27888, Start Num: 113

Candidate Starts for Che9d_36:

(Start: 113 @26815 has 21 MA's), (Start: 129 @26842 has 1 MA's), (144, 26872), (188, 26953), (195, 26965), (205, 26983), (229, 27040), (240, 27064), (241, 27067), (245, 27085), (256, 27118), (260, 27127), (278, 27178), (298, 27220), (301, 27244), (304, 27253), (308, 27265), (323, 27295), (335, 27325), (337, 27328), (349, 27385), (351, 27388), (364, 27415), (369, 27424), (396, 27472), (432, 27553), (448, 27628), (478, 27736), (502, 27781), (503, 27784), (505, 27790), (511, 27805), (542, 27871),

Gene: CheetoDust_31 Start: 26471, Stop: 27343, Start Num: 189

Candidate Starts for CheetoDust_31:

(169, 26444), (Start: 189 @26471 has 154 MA's), (Start: 203 @26483 has 1 MA's), (234, 26552), (244, 26579), (253, 26609), (257, 26618), (271, 26654), (274, 26663), (287, 26696), (294, 26714), (302, 26744), (334, 26804), (397, 26939), (405, 26966), (415, 26987), (430, 27011), (447, 27062), (502, 27200), (511, 27224), (555, 27323), (557, 27332),

Gene: Cheetobro_32 Start: 27637, Stop: 28428, Start Num: 173

Candidate Starts for Cheetobro_32:

(Start: 173 @27637 has 20 MA's), (Start: 203 @27670 has 1 MA's), (219, 27703), (229, 27727), (239, 27748), (243, 27757), (251, 27787), (253, 27796), (257, 27805), (271, 27841), (304, 27922), (397, 28129), (405, 28156), (415, 28177), (430, 28201), (479, 28225), (507, 28279), (511, 28291), (545, 28363),

Gene: Chevrolet_32 Start: 28051, Stop: 29067, Start Num: 55

Candidate Starts for Chevrolet_32:

(27, 27820), (28, 27823), (30, 27871), (42, 28006), (44, 28015), (Start: 55 @28051 has 239 MA's), (Start: 107 @28183 has 3 MA's), (116, 28204), (Start: 129 @28225 has 1 MA's), (145, 28255), (149, 28267), (Start: 174 @28309 has 1 MA's), (207, 28360), (257, 28471), (301, 28585), (307, 28603), (328, 28642), (339, 28666), (346, 28702), (354, 28729), (381, 28768), (440, 28876), (478, 28924), (485, 28936), (507, 28981), (511, 28993), (527, 29023),

Gene: ChickenDinner_33 Start: 28140, Stop: 29141, Start Num: 55

Candidate Starts for ChickenDinner_33:

(25, 27879), (35, 28041), (Start: 55 @28140 has 239 MA's), (82, 28215), (116, 28278), (Start: 129 @28299 has 1 MA's), (Start: 174 @28383 has 1 MA's), (188, 28407), (Start: 203 @28422 has 1 MA's), (207, 28434), (257, 28545), (301, 28659), (307, 28677), (328, 28716), (339, 28740), (346, 28776), (354, 28803), (381, 28842), (440, 28950), (478, 28998), (485, 29010), (511, 29067), (527, 29097),

Gene: ChickenPhender_248 Start: 142459, Stop: 143487, Start Num: 49

Candidate Starts for ChickenPhender_248:

(Start: 49 @142459 has 167 MA's), (Start: 62 @142489 has 3 MA's), (68, 142501), (82, 142543), (116, 142606), (Start: 129 @142627 has 1 MA's), (Start: 174 @142711 has 1 MA's), (Start: 203 @142753 has 1 MA's), (207, 142765), (213, 142780), (244, 142849), (257, 142876), (278, 142930), (294, 142975), (295, 142978), (323, 143056), (333, 143077), (381, 143188), (434, 143278), (440, 143296), (493, 143368), (507, 143401),

Gene: ChipMunk_13 Start: 6810, Stop: 7802, Start Num: 84

Candidate Starts for ChipMunk_13:

(Start: 84 @6810 has 68 MA's), (Start: 104 @6861 has 1 MA's), (Start: 106 @6864 has 1 MA's), (200, 7032), (213, 7065), (241, 7125), (257, 7170), (294, 7257), (311, 7302), (341, 7341), (351, 7389), (357, 7404), (390, 7470), (400, 7494), (406, 7512), (491, 7599), (511, 7647), (541, 7713), (564, 7788),

Gene: Chiqui_9 Start: 5958, Stop: 6698, Start Num: 189

Candidate Starts for Chiqui_9:

(Start: 73 @5772 has 10 MA's), (98, 5841), (Start: 189 @5958 has 154 MA's), (235, 6045), (257, 6102), (263, 6114), (264, 6117), (272, 6141), (285, 6156), (296, 6180), (300, 6204), (302, 6210), (314, 6237), (342, 6306), (368, 6378), (399, 6420), (410, 6447), (426, 6474), (440, 6507), (441, 6510), (474, 6549), (549, 6690),

Gene: Chomp_251 Start: 145895, Stop: 146923, Start Num: 49

Candidate Starts for Chomp_251:

(Start: 49 @145895 has 167 MA's), (Start: 62 @145925 has 3 MA's), (68, 145937), (82, 145979), (116, 146042), (Start: 129 @146063 has 1 MA's), (Start: 174 @146147 has 1 MA's), (Start: 203 @146189 has 1 MA's), (207, 146201), (213, 146216), (244, 146285), (257, 146312), (278, 146366), (294, 146411), (295, 146414), (323, 146492), (333, 146513), (381, 146624), (434, 146714), (440, 146732), (493, 146804), (507, 146837),

Gene: ChosenOne_35 Start: 31066, Stop: 31923, Start Num: 165

Candidate Starts for ChosenOne_35:

(Start: 165 @31066 has 123 MA's), (185, 31105), (207, 31135), (217, 31156), (233, 31192), (244, 31222), (276, 31297), (296, 31345), (298, 31348), (301, 31372), (302, 31375), (307, 31390), (381, 31561), (435, 31675), (440, 31690), (442, 31696), (478, 31738), (479, 31741), (507, 31795), (539, 31873), (552, 31906),

Gene: ChotaBhai_35 Start: 31104, Stop: 31961, Start Num: 165

Candidate Starts for ChotaBhai_35:

(Start: 165 @31104 has 123 MA's), (185, 31143), (207, 31173), (217, 31194), (233, 31230), (244, 31260), (276, 31335), (296, 31383), (298, 31386), (301, 31410), (302, 31413), (307, 31428), (381, 31599), (435, 31713), (440, 31728), (442, 31734), (478, 31776), (479, 31779), (507, 31833), (539, 31911), (552, 31944),

Gene: Chris_30 Start: 25746, Stop: 26486, Start Num: 189

Candidate Starts for Chris_30:

(169, 25719), (Start: 189 @25746 has 154 MA's), (204, 25761), (219, 25791), (234, 25827), (257, 25884), (271, 25920), (287, 25962), (334, 26070), (405, 26232), (420, 26259), (430, 26277), (474, 26289), (479, 26301), (502, 26343), (510, 26364), (511, 26367), (555, 26466), (557, 26475),

Gene: Chuckly_31 Start: 27691, Stop: 28692, Start Num: 55

Candidate Starts for Chuckly_31:

(Start: 55 @27691 has 239 MA's), (Start: 62 @27712 has 3 MA's), (68, 27724), (82, 27766), (116, 27829), (Start: 129 @27850 has 1 MA's), (145, 27880), (Start: 174 @27934 has 1 MA's), (188, 27958), (207, 27985), (257, 28096), (301, 28210), (307, 28228), (328, 28267), (339, 28291), (346, 28327), (354, 28354), (381, 28393), (410, 28441), (440, 28501), (485, 28561), (511, 28618), (527, 28648),

Gene: Chupacabra_10 Start: 5710, Stop: 6684, Start Num: 67

Candidate Starts for Chupacabra_10:

(53, 5671), (Start: 67 @5710 has 52 MA's), (Start: 87 @5764 has 14 MA's), (176, 5917), (257, 6079), (264, 6094), (271, 6115), (296, 6163), (300, 6187), (302, 6193), (305, 6202), (339, 6271), (342, 6289), (354, 6334), (362, 6352), (410, 6430), (426, 6457), (434, 6472), (441, 6493), (501, 6583), (517, 6625), (550, 6676),

Gene: Ciao_10 Start: 5986, Stop: 6954, Start Num: 66

Candidate Starts for Ciao_10:

(Start: 66 @5986 has 202 MA's), (Start: 77 @6019 has 5 MA's), (Start: 86 @6037 has 111 MA's), (Start: 87 @6040 has 14 MA's), (240, 6307), (257, 6358), (263, 6370), (296, 6445), (317, 6508), (324, 6520), (333, 6541), (339, 6553), (342, 6571), (346, 6589), (353, 6613), (381, 6652), (431, 6733), (440, 6757), (441, 6760), (442, 6763), (463, 6772), (527, 6904), (547, 6946),

Gene: CicholasNage_26 Start: 25549, Stop: 26580, Start Num: 54

Candidate Starts for CicholasNage_26:

(Start: 54 @25549 has 29 MA's), (127, 25702), (130, 25705), (141, 25729), (147, 25741), (155, 25759), (166, 25777), (176, 25795), (179, 25801), (183, 25810), (196, 25825), (204, 25840), (235, 25912), (257, 25969), (272, 26008), (302, 26086), (305, 26095), (306, 26098), (314, 26113), (338, 26167), (342, 26188), (345, 26203), (387, 26287), (402, 26317), (441, 26386), (463, 26398), (474, 26422), (481, 26440), (485, 26443), (493, 26455), (495, 26458), (507, 26488), (511, 26500),

Gene: Cici_10 Start: 5878, Stop: 6858, Start Num: 86

Candidate Starts for Cici_10:

(Start: 55 @5818 has 239 MA's), (Start: 62 @5836 has 3 MA's), (Start: 86 @5878 has 111 MA's), (Start: 87 @5881 has 14 MA's), (95, 5905), (Start: 104 @5926 has 1 MA's), (Start: 106 @5929 has 1 MA's), (234, 6178), (255, 6229), (257, 6235), (263, 6247), (273, 6277), (297, 6319), (311, 6367), (334, 6397), (342, 6424), (405, 6574), (507, 6697), (511, 6709), (515, 6718), (545, 6775), (565, 6850),

Gene: Cindaradix_9 Start: 5587, Stop: 6567, Start Num: 86

Candidate Starts for Cindaradix_9:

(Start: 86 @5587 has 111 MA's), (95, 5614), (Start: 104 @5635 has 1 MA's), (Start: 106 @5638 has 1 MA's), (206, 5818), (234, 5887), (244, 5914), (257, 5944), (263, 5956), (282, 6007), (297, 6028), (300, 6049), (311, 6076), (334, 6106), (342, 6133), (405, 6283), (511, 6418), (515, 6427), (545, 6484), (565, 6559),

Gene: CindyLou_253 Start: 146155, Stop: 147183, Start Num: 49

Candidate Starts for CindyLou_253:

(Start: 49 @146155 has 167 MA's), (Start: 62 @146185 has 3 MA's), (68, 146197), (82, 146239), (116, 146302), (Start: 129 @146323 has 1 MA's), (Start: 174 @146407 has 1 MA's), (Start: 203 @146449 has 1 MA's), (207, 146461), (213, 146476), (244, 146545), (257, 146572), (278, 146626), (294, 146671), (295, 146674), (323, 146752), (333, 146773), (381, 146884), (434, 146974), (440, 146992),

(493, 147064), (507, 147097),

Gene: Cintron_10 Start: 5926, Stop: 6906, Start Num: 86

Candidate Starts for Cintron_10:

(Start: 86 @5926 has 111 MA's), (95, 5953), (Start: 104 @5974 has 1 MA's), (Start: 106 @5977 has 1 MA's), (234, 6226), (255, 6277), (257, 6283), (263, 6295), (289, 6358), (297, 6367), (311, 6415), (342, 6472), (405, 6622), (416, 6646), (474, 6679), (503, 6736), (511, 6757), (545, 6823), (565, 6898),

Gene: Citius_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Citius_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Cjw1_35 Start: 32618, Stop: 33475, Start Num: 165

Candidate Starts for Cjw1_35:

(Start: 165 @32618 has 123 MA's), (185, 32657), (207, 32687), (217, 32708), (233, 32744), (244, 32774), (276, 32849), (296, 32897), (298, 32900), (301, 32924), (302, 32927), (307, 32942), (381, 33113), (435, 33227), (440, 33242), (442, 33248), (478, 33290), (479, 33293), (507, 33347), (539, 33425), (552, 33458),

Gene: Clarenza_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Clarenza_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Claus_28 Start: 26280, Stop: 27251, Start Num: 76

Candidate Starts for Claus_28:

(Start: 76 @26280 has 22 MA's), (Start: 97 @26334 has 1 MA's), (154, 26454), (164, 26469), (172, 26484), (180, 26499), (Start: 203 @26532 has 1 MA's), (219, 26565), (244, 26628), (257, 26655), (266, 26679), (301, 26760), (305, 26772), (318, 26799), (340, 26835), (342, 26850), (345, 26865), (361, 26910), (370, 26925), (405, 27006), (413, 27024), (415, 27027), (420, 27030), (434, 27057), (507, 27126), (525, 27168), (547, 27210),

Gene: Clautastrophe_28 Start: 26850, Stop: 27893, Start Num: 74

Candidate Starts for Clautastrophe_28:

(Start: 74 @26850 has 17 MA's), (Start: 76 @26856 has 22 MA's), (Start: 87 @26883 has 14 MA's), (Start: 94 @26904 has 3 MA's), (117, 26955), (163, 27036), (223, 27141), (255, 27222), (257, 27228), (299, 27324), (303, 27342), (305, 27348), (307, 27354), (342, 27426), (368, 27483), (398, 27543), (431, 27618), (439, 27639), (472, 27663), (479, 27678), (486, 27690), (511, 27747), (555, 27849), (559, 27870),

Gene: Clifton_25 Start: 23661, Stop: 24662, Start Num: 55

Candidate Starts for Clifton_25:

(Start: 55 @23661 has 239 MA's), (Start: 62 @23682 has 3 MA's), (68, 23694), (82, 23736), (116, 23799), (Start: 129 @23820 has 1 MA's), (145, 23850), (Start: 174 @23904 has 1 MA's), (188, 23928), (Start: 203 @23943 has 1 MA's), (207, 23955), (257, 24066), (301, 24180), (307, 24198), (328, 24237), (339, 24261), (346, 24297), (354, 24324), (381, 24363), (410, 24411), (440, 24471), (485, 24531), (511, 24588), (527, 24618),

Gene: Coco12_31 Start: 27582, Stop: 28580, Start Num: 55

Candidate Starts for Coco12_31:

(Start: 55 @27582 has 239 MA's), (82, 27657), (116, 27717), (Start: 129 @27738 has 1 MA's), (Start: 174 @27822 has 1 MA's), (207, 27873), (213, 27888), (257, 27984), (296, 28071), (300, 28095), (307, 28116), (328, 28155), (333, 28167), (346, 28215), (354, 28242), (366, 28266), (381, 28281), (440, 28389), (478, 28437), (511, 28506), (527, 28536),

Gene: Cocoaberry_10 Start: 5885, Stop: 6865, Start Num: 86

Candidate Starts for Cocoaberry_10:

(Start: 86 @5885 has 111 MA's), (Start: 87 @5888 has 14 MA's), (95, 5912), (Start: 104 @5933 has 1 MA's), (Start: 106 @5936 has 1 MA's), (234, 6185), (257, 6242), (297, 6326), (300, 6347), (311, 6374), (334, 6404), (342, 6431), (405, 6581), (502, 6692), (507, 6704), (511, 6716), (545, 6782),

Gene: Colbster_12 Start: 5962, Stop: 6927, Start Num: 59

Candidate Starts for Colbster_12:

(Start: 59 @5962 has 93 MA's), (78, 6007), (Start: 87 @6028 has 14 MA's), (158, 6148), (235, 6286), (257, 6343), (264, 6358), (300, 6439), (305, 6454), (314, 6472), (339, 6523), (342, 6541), (354, 6586), (410, 6682), (441, 6745), (474, 6784), (501, 6835),

Gene: Colin_15 Start: 8102, Stop: 9079, Start Num: 67

Candidate Starts for Colin_15:

(48, 8060), (Start: 67 @8102 has 52 MA's), (Start: 87 @8156 has 14 MA's), (235, 8393), (257, 8450), (296, 8534), (302, 8564), (305, 8573), (339, 8642), (342, 8660), (362, 8723), (389, 8765), (410, 8813), (426, 8840), (434, 8855), (440, 8873), (441, 8876), (474, 8915), (498, 8957), (501, 8966),

Gene: Collard_30 Start: 27188, Stop: 27949, Start Num: 187

Candidate Starts for Collard_30:

(159, 27140), (Start: 187 @27188 has 16 MA's), (Start: 203 @27200 has 1 MA's), (204, 27203), (206, 27206), (219, 27233), (234, 27269), (255, 27329), (257, 27335), (268, 27365), (271, 27371), (274, 27380), (287, 27413), (300, 27455), (301, 27458), (305, 27470), (323, 27506), (334, 27521), (344, 27557), (397, 27656), (405, 27683), (415, 27704), (481, 27767), (498, 27791), (507, 27815), (536, 27884), (555, 27929), (557, 27938),

Gene: Colt_242 Start: 146866, Stop: 147900, Start Num: 49

Candidate Starts for Colt_242:

(Start: 49 @146866 has 167 MA's), (Start: 62 @146896 has 3 MA's), (82, 146950), (116, 147013), (Start: 129 @147034 has 1 MA's), (Start: 174 @147118 has 1 MA's), (Start: 203 @147160 has 1 MA's), (207, 147172), (213, 147187), (244, 147256), (257, 147283), (278, 147337), (294, 147382), (295, 147385), (323, 147463), (333, 147484), (381, 147595), (434, 147685), (440, 147703), (493, 147775), (507, 147808), (550, 147895),

Gene: Command613_36 Start: 32125, Stop: 32982, Start Num: 165

Candidate Starts for Command613_36:

(Start: 165 @32125 has 123 MA's), (185, 32164), (207, 32194), (217, 32215), (233, 32251), (244, 32281), (276, 32356), (296, 32404), (298, 32407), (301, 32431), (302, 32434), (307, 32449), (381, 32620), (435, 32734), (440, 32749), (442, 32755), (478, 32797), (479, 32800), (507, 32854), (539, 32932), (552, 32965),

Gene: Commander_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Commander_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Compostia_48 Start: 41964, Stop: 43028, Start Num: 102

Candidate Starts for Compostia_48:

(Start: 102 @41964 has 45 MA's), (134, 42027), (179, 42108), (212, 42174), (222, 42189), (226, 42201), (237, 42228), (256, 42285), (260, 42294), (323, 42441), (332, 42456), (349, 42510), (366, 42543), (388, 42582), (396, 42594), (432, 42675), (442, 42693), (443, 42696), (448, 42741), (478, 42852), (529, 42963), (540, 42984), (553, 43017),

Gene: Conceptll_10 Start: 6237, Stop: 7205, Start Num: 66

Candidate Starts for Conceptll_10:

(Start: 66 @6237 has 202 MA's), (Start: 77 @6270 has 5 MA's), (Start: 86 @6288 has 111 MA's), (Start: 87 @6291 has 14 MA's), (240, 6558), (257, 6609), (263, 6621), (296, 6696), (317, 6759), (333, 6792), (339, 6804), (342, 6822), (346, 6840), (353, 6864), (381, 6903), (431, 6984), (440, 7008), (441, 7011), (442, 7014), (463, 7023), (505, 7110), (547, 7197),

Gene: Concombres_258 Start: 146500, Stop: 147528, Start Num: 49

Candidate Starts for Concombres_258:

(Start: 49 @146500 has 167 MA's), (Start: 62 @146530 has 3 MA's), (68, 146542), (82, 146584), (116, 146647), (Start: 129 @146668 has 1 MA's), (Start: 174 @146752 has 1 MA's), (Start: 203 @146794 has 1 MA's), (207, 146806), (213, 146821), (244, 146890), (257, 146917), (278, 146971), (294, 147016), (295, 147019), (323, 147097), (333, 147118), (381, 147229), (434, 147319), (440, 147337), (493, 147409), (507, 147442),

Gene: Connomayer_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Connomayer_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Conspiracy_8 Start: 5173, Stop: 5982, Start Num: 137

Candidate Starts for Conspiracy_8:

(Start: 137 @5173 has 50 MA's), (169, 5236), (175, 5245), (188, 5266), (209, 5302), (230, 5350), (250, 5407), (261, 5431), (356, 5662), (391, 5719), (534, 5968),

Gene: Constella_41 Start: 38707, Stop: 39573, Start Num: 108

Candidate Starts for Constella_41:

(Start: 108 @38707 has 40 MA's), (Start: 122 @38734 has 1 MA's), (181, 38842), (195, 38863), (218, 38908), (228, 38929), (240, 38950), (260, 39004), (283, 39055), (299, 39106), (369, 39256), (396, 39298), (415, 39349), (429, 39367), (474, 39433), (479, 39445), (483, 39454), (501, 39484), (526, 39547),

Gene: Contagion_34 Start: 31362, Stop: 32219, Start Num: 165

Candidate Starts for Contagion_34:

(Start: 165 @31362 has 123 MA's), (185, 31401), (207, 31431), (217, 31452), (233, 31488), (244, 31518), (276, 31593), (296, 31641), (298, 31644), (301, 31668), (302, 31671), (307, 31686), (381, 31857), (435, 31971), (440, 31986), (442, 31992), (478, 32034), (479, 32037), (507, 32091), (539, 32169), (552, 32202),

Gene: Coog_8 Start: 5323, Stop: 6132, Start Num: 137

Candidate Starts for Coog_8:

(Start: 137 @5323 has 50 MA's), (169, 5386), (175, 5395), (209, 5452), (230, 5500), (343, 5770), (356, 5812), (391, 5869), (407, 5911), (534, 6118),

Gene: Cookies_35 Start: 31727, Stop: 32584, Start Num: 165

Candidate Starts for Cookies_35:

(Start: 165 @31727 has 123 MA's), (185, 31766), (207, 31796), (217, 31817), (233, 31853), (244, 31883), (276, 31958), (296, 32006), (298, 32009), (301, 32033), (302, 32036), (307, 32051), (381, 32222), (435, 32336), (440, 32351), (442, 32357), (478, 32399), (479, 32402), (507, 32456), (539, 32534), (552, 32567),

Gene: Corndog_70 Start: 44462, Stop: 45502, Start Num: 55

Candidate Starts for Corndog_70:

(Start: 55 @44462 has 239 MA's), (82, 44537), (116, 44618), (119, 44624), (Start: 129 @44639 has 1 MA's), (172, 44720), (Start: 174 @44723 has 1 MA's), (207, 44777), (213, 44792), (257, 44888), (272, 44927), (284, 44957), (294, 44987), (295, 44990), (302, 45023), (333, 45089), (344, 45128), (346, 45137), (354, 45164), (381, 45203), (488, 45377), (511, 45428),

Gene: Cornie_31 Start: 28018, Stop: 29019, Start Num: 55

Candidate Starts for Cornie_31:

(Start: 55 @28018 has 239 MA's), (82, 28093), (95, 28126), (116, 28156), (Start: 129 @28177 has 1 MA's), (145, 28207), (149, 28219), (Start: 174 @28261 has 1 MA's), (188, 28285), (Start: 203 @28300 has 1 MA's), (207, 28312), (257, 28423), (301, 28537), (307, 28555), (328, 28594), (339, 28618), (346, 28654), (354, 28681), (366, 28705), (381, 28720), (440, 28828), (478, 28876), (511, 28945), (527, 28975),

Gene: Cornucopia_32 Start: 27534, Stop: 28535, Start Num: 55

Candidate Starts for Cornucopia_32:

(Start: 55 @27534 has 239 MA's), (82, 27609), (95, 27642), (116, 27672), (Start: 129 @27693 has 1 MA's), (Start: 174 @27777 has 1 MA's), (207, 27828), (257, 27939), (300, 28050), (307, 28071), (328, 28110), (333, 28122), (346, 28170), (354, 28197), (366, 28221), (381, 28236), (440, 28344), (485, 28404), (511, 28461), (527, 28491),

Gene: Corofin_47 Start: 41559, Stop: 42623, Start Num: 102

Candidate Starts for Corofin_47:

(Start: 102 @41559 has 45 MA's), (134, 41622), (179, 41703), (212, 41769), (222, 41784), (226, 41796), (237, 41823), (256, 41880), (260, 41889), (323, 42036), (332, 42051), (349, 42105), (366, 42138), (388, 42177), (396, 42189), (432, 42270), (442, 42288), (443, 42291), (478, 42447), (529, 42558), (540, 42579), (553, 42612),

Gene: Corvo_10 Start: 6181, Stop: 7149, Start Num: 66

Candidate Starts for Corvo_10:

(Start: 66 @6181 has 202 MA's), (Start: 77 @6214 has 5 MA's), (Start: 86 @6232 has 111 MA's), (Start: 87 @6235 has 14 MA's), (240, 6502), (257, 6553), (263, 6565), (296, 6640), (317, 6703), (324, 6715), (333, 6736), (339, 6748), (342, 6766), (346, 6784), (353, 6808), (381, 6847), (431, 6928), (440, 6952), (441, 6955), (442, 6958), (463, 6967), (505, 7054), (547, 7141),

Gene: Cosmo_52 Start: 38381, Stop: 39346, Start Num: 55

Candidate Starts for Cosmo_52:

(Start: 55 @38381 has 239 MA's), (Start: 77 @38444 has 5 MA's), (118, 38504), (126, 38519), (Start: 129 @38522 has 1 MA's), (Start: 137 @38534 has 50 MA's), (139, 38540), (160, 38576), (162, 38579), (207, 38651), (213, 38666), (217, 38672), (244, 38735), (257, 38765), (269, 38798), (300, 38861), (301, 38864), (317, 38903), (333, 38936), (342, 38963), (344, 38972), (353, 39005), (436, 39140), (441, 39155), (478, 39200), (501, 39242), (511, 39269), (532, 39311),

Gene: Courthouse_48 Start: 39086, Stop: 40090, Start Num: 73

Candidate Starts for Courthouse_48:

(Start: 73 @39086 has 10 MA's), (92, 39140), (115, 39191), (157, 39263), (207, 39338), (257, 39452), (263, 39464), (274, 39497), (301, 39566), (305, 39578), (310, 39590), (312, 39593), (339, 39638),

(342, 39656), (405, 39818), (412, 39833), (417, 39842), (552, 40043),

Gene: CrimD_31 Start: 26431, Stop: 27303, Start Num: 189

Candidate Starts for CrimD_31:

(169, 26404), (Start: 189 @26431 has 154 MA's), (Start: 203 @26443 has 1 MA's), (234, 26512), (244, 26539), (253, 26569), (257, 26578), (271, 26614), (274, 26623), (287, 26656), (294, 26674), (334, 26764), (397, 26899), (405, 26926), (415, 26947), (430, 26971), (447, 27022), (481, 27124), (502, 27160), (511, 27184), (555, 27283), (557, 27292),

Gene: Crispicous1_9 Start: 5465, Stop: 6433, Start Num: 66

Candidate Starts for Crispicous1_9:

(Start: 66 @5465 has 202 MA's), (Start: 77 @5498 has 5 MA's), (Start: 86 @5516 has 111 MA's), (Start: 87 @5519 has 14 MA's), (240, 5786), (257, 5837), (263, 5849), (296, 5924), (317, 5987), (324, 5999), (333, 6020), (339, 6032), (342, 6050), (346, 6068), (353, 6092), (381, 6131), (431, 6212), (440, 6236), (441, 6239), (442, 6242), (463, 6251), (505, 6338), (527, 6383), (547, 6425),

Gene: Crossroads_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Crossroads_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (154, 26477), (172, 26507), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (279, 26732), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Crucio_11 Start: 6372, Stop: 7364, Start Num: 84

Candidate Starts for Crucio_11:

(Start: 84 @6372 has 68 MA's), (Start: 104 @6423 has 1 MA's), (Start: 106 @6426 has 1 MA's), (120, 6459), (131, 6474), (200, 6594), (Start: 203 @6600 has 1 MA's), (241, 6687), (257, 6732), (311, 6864), (341, 6903), (351, 6951), (390, 7032), (406, 7074), (491, 7161), (511, 7209), (541, 7275), (564, 7350),

Gene: Crumble_25 Start: 23705, Stop: 24706, Start Num: 55

Candidate Starts for Crumble_25:

(Start: 55 @23705 has 239 MA's), (82, 23780), (95, 23813), (116, 23843), (Start: 129 @23864 has 1 MA's), (145, 23894), (149, 23906), (Start: 174 @23948 has 1 MA's), (188, 23972), (Start: 203 @23987 has 1 MA's), (207, 23999), (257, 24110), (301, 24224), (307, 24242), (328, 24281), (339, 24305), (346, 24341), (381, 24407), (440, 24515), (478, 24563), (485, 24575), (507, 24620), (511, 24632), (527, 24662),

Gene: CrystalP_35 Start: 31858, Stop: 32715, Start Num: 165

Candidate Starts for CrystalP_35:

(Start: 165 @31858 has 123 MA's), (185, 31897), (207, 31927), (217, 31948), (233, 31984), (244, 32014), (276, 32089), (296, 32137), (298, 32140), (301, 32164), (302, 32167), (307, 32182), (381, 32353), (428, 32452), (435, 32467), (440, 32482), (442, 32488), (478, 32530), (479, 32533), (507, 32587), (539, 32665), (552, 32698),

Gene: Cuco_8 Start: 5354, Stop: 6163, Start Num: 137

Candidate Starts for Cuco_8:

(Start: 137 @5354 has 50 MA's), (169, 5417), (175, 5426), (209, 5483), (230, 5531), (261, 5612), (343, 5801), (356, 5843), (391, 5900), (407, 5942), (534, 6149),

Gene: Cueyllyss_10 Start: 6167, Stop: 7102, Start Num: 77

Candidate Starts for Cueyllyss_10:

(Start: 66 @6134 has 202 MA's), (Start: 77 @6167 has 5 MA's), (Start: 86 @6185 has 111 MA's), (Start: 87 @6188 has 14 MA's), (240, 6455), (257, 6506), (263, 6518), (296, 6593), (317, 6656), (324, 6668), (333, 6689), (339, 6701), (342, 6719), (346, 6737), (353, 6761), (381, 6800), (431, 6881), (440, 6905), (441, 6908), (442, 6911), (463, 6920), (527, 7052), (547, 7094),

Gene: Cullens_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for Cullens_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Curiosium_32 Start: 26281, Stop: 27129, Start Num: 189

Candidate Starts for Curiosium_32:

(159, 26233), (169, 26254), (Start: 189 @26281 has 154 MA's), (Start: 203 @26293 has 1 MA's), (215, 26320), (219, 26326), (231, 26356), (257, 26425), (274, 26470), (287, 26503), (294, 26521), (323, 26596), (362, 26683), (397, 26746), (405, 26773), (415, 26794), (430, 26818), (443, 26854), (481, 26950), (502, 26986), (511, 27010), (557, 27118),

Gene: Czyszczone1_36 Start: 31603, Stop: 32460, Start Num: 165

Candidate Starts for Czyszczone1_36:

(Start: 165 @31603 has 123 MA's), (185, 31642), (207, 31672), (217, 31693), (233, 31729), (244, 31759), (276, 31834), (296, 31882), (298, 31885), (301, 31909), (302, 31912), (307, 31927), (381, 32098), (435, 32212), (440, 32227), (442, 32233), (478, 32275), (479, 32278), (507, 32332), (539, 32410), (552, 32443),

Gene: D29_12 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for D29_12:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: D32_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for D32_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: DBQu4n_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for DBQu4n_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (399, 7068), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: DD5_11 Start: 6716, Stop: 7684, Start Num: 66

Candidate Starts for DD5_11:

(Start: 66 @6716 has 202 MA's), (Start: 77 @6749 has 5 MA's), (Start: 86 @6767 has 111 MA's), (Start: 87 @6770 has 14 MA's), (240, 7037), (257, 7088), (263, 7100), (296, 7175), (317, 7238), (324, 7250), (333, 7271), (339, 7283), (342, 7301), (346, 7319), (353, 7343), (381, 7382), (431, 7463), (440, 7487), (441, 7490), (442, 7493), (463, 7502), (505, 7589), (547, 7676),

Gene: DHan_28 Start: 26216, Stop: 27187, Start Num: 76

Candidate Starts for DHan_28:

(Start: 76 @26216 has 22 MA's), (Start: 97 @26270 has 1 MA's), (154, 26390), (164, 26405), (172, 26420), (180, 26435), (Start: 203 @26468 has 1 MA's), (219, 26501), (244, 26564), (257, 26591), (266, 26615), (301, 26696), (305, 26708), (318, 26735), (340, 26771), (342, 26786), (345, 26801), (361, 26846), (370, 26861), (405, 26942), (413, 26960), (415, 26963), (420, 26966), (434, 26993),

(507, 27062), (525, 27104), (547, 27146),

Gene: DLane_31 Start: 27486, Stop: 28484, Start Num: 55

Candidate Starts for DLane_31:

(Start: 55 @27486 has 239 MA's), (82, 27561), (116, 27621), (Start: 129 @27642 has 1 MA's), (Start: 174 @27726 has 1 MA's), (207, 27777), (213, 27792), (257, 27888), (300, 27999), (307, 28020), (328, 28059), (333, 28071), (346, 28119), (354, 28146), (366, 28170), (381, 28185), (440, 28293), (478, 28341), (511, 28410), (527, 28440),

Gene: DRBy19_31 Start: 27617, Stop: 28618, Start Num: 55

Candidate Starts for DRBy19_31:

(Start: 55 @27617 has 239 MA's), (82, 27692), (95, 27725), (116, 27755), (Start: 129 @27776 has 1 MA's), (145, 27806), (149, 27818), (Start: 174 @27860 has 1 MA's), (188, 27884), (Start: 203 @27899 has 1 MA's), (207, 27911), (257, 28022), (301, 28136), (307, 28154), (328, 28193), (339, 28217), (346, 28253), (381, 28319), (440, 28427), (478, 28475), (485, 28487), (507, 28532), (511, 28544), (527, 28574),

Gene: DS6A_31 Start: 26756, Stop: 27793, Start Num: 60

Candidate Starts for DS6A_31:

(45, 26702), (Start: 55 @26738 has 239 MA's), (Start: 60 @26756 has 1 MA's), (72, 26783), (112, 26864), (125, 26888), (Start: 165 @26954 has 123 MA's), (176, 26975), (183, 26990), (207, 27032), (215, 27047), (220, 27053), (257, 27146), (269, 27179), (301, 27260), (302, 27263), (305, 27272), (321, 27305), (322, 27308), (333, 27329), (339, 27341), (342, 27359), (355, 27407), (361, 27419), (432, 27545), (435, 27551), (440, 27566), (441, 27569), (463, 27581), (481, 27623), (485, 27626), (511, 27683), (527, 27716), (547, 27758),

Gene: DTDevon_253 Start: 146534, Stop: 147562, Start Num: 49

Candidate Starts for DTDevon_253:

(Start: 49 @146534 has 167 MA's), (Start: 62 @146564 has 3 MA's), (68, 146576), (82, 146618), (116, 146681), (Start: 129 @146702 has 1 MA's), (Start: 174 @146786 has 1 MA's), (Start: 203 @146828 has 1 MA's), (207, 146840), (213, 146855), (244, 146924), (257, 146951), (278, 147005), (294, 147050), (295, 147053), (323, 147131), (333, 147152), (381, 147263), (434, 147353), (440, 147371), (493, 147443), (507, 147476),

Gene: DaHudson_12 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for DaHudson_12:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: DaWorst_33 Start: 28055, Stop: 29056, Start Num: 55

Candidate Starts for DaWorst_33:

(3, 27434), (7, 27512), (9, 27575), (13, 27614), (22, 27767), (25, 27803), (Start: 55 @28055 has 239 MA's), (Start: 62 @28076 has 3 MA's), (68, 28088), (82, 28130), (116, 28193), (Start: 129 @28214 has 1 MA's), (145, 28244), (Start: 174 @28298 has 1 MA's), (188, 28322), (207, 28349), (257, 28460), (301, 28574), (307, 28592), (328, 28631), (339, 28655), (346, 28691), (354, 28718), (381, 28757), (410, 28805), (440, 28865), (485, 28925), (511, 28982), (527, 29012),

Gene: DaddyRickover_31 Start: 27698, Stop: 28699, Start Num: 55

Candidate Starts for DaddyRickover_31:

(Start: 55 @27698 has 239 MA's), (Start: 62 @27719 has 3 MA's), (82, 27773), (95, 27806), (116, 27836), (Start: 129 @27857 has 1 MA's), (145, 27887), (149, 27899), (Start: 174 @27941 has 1 MA's), (188, 27965), (Start: 203 @27980 has 1 MA's), (207, 27992), (257, 28103), (301, 28217), (307,

28235), (328, 28274), (339, 28298), (346, 28334), (354, 28361), (381, 28400), (410, 28448), (440, 28508), (478, 28556), (485, 28568), (507, 28613), (511, 28625), (527, 28655),

Gene: Dadosky_31 Start: 27159, Stop: 27920, Start Num: 187

Candidate Starts for Dadosky_31:

(159, 27111), (Start: 187 @27159 has 16 MA's), (Start: 203 @27171 has 1 MA's), (206, 27177), (219, 27204), (234, 27240), (255, 27300), (257, 27306), (268, 27336), (271, 27342), (274, 27351), (287, 27384), (300, 27426), (301, 27429), (305, 27441), (323, 27477), (334, 27492), (344, 27528), (397, 27627), (405, 27654), (415, 27675), (481, 27738), (498, 27762), (507, 27786), (536, 27855), (555, 27900), (557, 27909),

Gene: Daenerys_31 Start: 27519, Stop: 28520, Start Num: 55

Candidate Starts for Daenerys_31:

(32, 27357), (Start: 55 @27519 has 239 MA's), (82, 27594), (95, 27627), (116, 27657), (Start: 129 @27678 has 1 MA's), (145, 27708), (149, 27720), (Start: 174 @27762 has 1 MA's), (188, 27786), (Start: 203 @27801 has 1 MA's), (207, 27813), (257, 27924), (301, 28038), (307, 28056), (328, 28095), (339, 28119), (346, 28155), (354, 28182), (381, 28221), (410, 28269), (440, 28329), (478, 28377), (485, 28389), (507, 28434), (511, 28446), (527, 28476),

Gene: Daffodil_258 Start: 144821, Stop: 145849, Start Num: 49

Candidate Starts for Daffodil_258:

(Start: 49 @144821 has 167 MA's), (Start: 62 @144851 has 3 MA's), (68, 144863), (82, 144905), (116, 144968), (Start: 129 @144989 has 1 MA's), (Start: 174 @145073 has 1 MA's), (Start: 203 @145115 has 1 MA's), (207, 145127), (213, 145142), (244, 145211), (257, 145238), (278, 145292), (294, 145337), (295, 145340), (323, 145418), (333, 145439), (381, 145550), (434, 145640), (440, 145658), (493, 145730), (507, 145763),

Gene: Daikon_34 Start: 31596, Stop: 32453, Start Num: 165

Candidate Starts for Daikon_34:

(Start: 165 @31596 has 123 MA's), (185, 31635), (207, 31665), (217, 31686), (233, 31722), (244, 31752), (276, 31827), (296, 31875), (298, 31878), (301, 31902), (302, 31905), (307, 31920), (381, 32091), (435, 32205), (440, 32220), (442, 32226), (478, 32268), (479, 32271), (507, 32325), (539, 32403), (552, 32436),

Gene: Daishi_11 Start: 4878, Stop: 5852, Start Num: 67

Candidate Starts for Daishi_11:

(Start: 67 @4878 has 52 MA's), (Start: 87 @4932 has 14 MA's), (89, 4935), (188, 5106), (213, 5163), (235, 5211), (253, 5259), (257, 5268), (300, 5364), (305, 5379), (314, 5397), (338, 5445), (339, 5448), (342, 5466), (410, 5607), (426, 5634), (440, 5667), (441, 5670), (474, 5709), (481, 5727),

Gene: Daisy_47 Start: 41560, Stop: 42624, Start Num: 102

Candidate Starts for Daisy_47:

(Start: 102 @41560 has 45 MA's), (134, 41623), (179, 41704), (212, 41770), (222, 41785), (226, 41797), (237, 41824), (256, 41881), (260, 41890), (323, 42037), (332, 42052), (349, 42106), (366, 42139), (388, 42178), (396, 42190), (432, 42271), (442, 42289), (443, 42292), (448, 42337), (478, 42448), (529, 42559), (540, 42580), (553, 42613),

Gene: Dallas_51 Start: 42101, Stop: 42973, Start Num: 108

Candidate Starts for Dallas_51:

(Start: 108 @42101 has 40 MA's), (Start: 122 @42128 has 1 MA's), (195, 42257), (218, 42302), (228, 42323), (240, 42344), (260, 42398), (292, 42479), (427, 42758), (429, 42761), (453, 42785), (471, 42821), (478, 42836), (483, 42848), (498, 42869),

Gene: Dalmatian_11 Start: 6522, Stop: 7514, Start Num: 84

Candidate Starts for Dalmatian_11:

(Start: 84 @6522 has 68 MA's), (Start: 97 @6555 has 1 MA's), (Start: 104 @6573 has 1 MA's), (Start: 106 @6576 has 1 MA's), (120, 6609), (131, 6624), (200, 6744), (Start: 203 @6750 has 1 MA's), (213, 6777), (241, 6837), (257, 6882), (311, 7014), (341, 7053), (351, 7101), (390, 7182), (406, 7224), (491, 7311), (507, 7347), (516, 7371), (533, 7413), (541, 7425), (564, 7500),

Gene: Dalmuri_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Dalmuri_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: DanBing_27 Start: 26120, Stop: 27091, Start Num: 76

Candidate Starts for DanBing_27:

(Start: 76 @26120 has 22 MA's), (Start: 97 @26174 has 1 MA's), (154, 26294), (164, 26309), (172, 26324), (180, 26339), (Start: 203 @26372 has 1 MA's), (219, 26405), (244, 26468), (257, 26495), (266, 26519), (301, 26600), (305, 26612), (318, 26639), (340, 26675), (342, 26690), (345, 26705), (361, 26750), (370, 26765), (405, 26846), (413, 26864), (415, 26867), (420, 26870), (434, 26897), (484, 26921), (507, 26966), (525, 27008), (547, 27050),

Gene: Dandelion_258 Start: 147355, Stop: 148383, Start Num: 49

Candidate Starts for Dandelion_258:

(Start: 49 @147355 has 167 MA's), (Start: 62 @147385 has 3 MA's), (68, 147397), (82, 147439), (116, 147502), (Start: 129 @147523 has 1 MA's), (Start: 174 @147607 has 1 MA's), (Start: 203 @147649 has 1 MA's), (207, 147661), (213, 147676), (244, 147745), (257, 147772), (278, 147826), (294, 147871), (295, 147874), (323, 147952), (333, 147973), (381, 148084), (434, 148174), (440, 148192), (493, 148264), (507, 148297),

Gene: Danforth_7 Start: 4852, Stop: 5661, Start Num: 137

Candidate Starts for Danforth_7:

(Start: 137 @4852 has 50 MA's), (182, 4936), (209, 4981), (235, 5041), (259, 5107), (356, 5341), (379, 5380), (391, 5398), (404, 5431), (411, 5449), (456, 5494), (476, 5518), (534, 5647),

Gene: Dante_31 Start: 27637, Stop: 28638, Start Num: 55

Candidate Starts for Dante_31:

(Start: 55 @27637 has 239 MA's), (82, 27712), (95, 27745), (116, 27775), (Start: 129 @27796 has 1 MA's), (Start: 174 @27880 has 1 MA's), (188, 27904), (Start: 203 @27919 has 1 MA's), (207, 27931), (257, 28042), (301, 28156), (307, 28174), (328, 28213), (339, 28237), (346, 28273), (354, 28300), (381, 28339), (440, 28447), (485, 28507), (511, 28564), (527, 28594),

Gene: Darko_252 Start: 144479, Stop: 145507, Start Num: 49

Candidate Starts for Darko_252:

(Start: 49 @144479 has 167 MA's), (Start: 62 @144509 has 3 MA's), (68, 144521), (82, 144563), (116, 144626), (Start: 129 @144647 has 1 MA's), (Start: 174 @144731 has 1 MA's), (Start: 203 @144773 has 1 MA's), (207, 144785), (213, 144800), (244, 144869), (257, 144896), (278, 144950), (294, 144995), (295, 144998), (323, 145076), (333, 145097), (381, 145208), (434, 145298), (440, 145316), (493, 145388), (507, 145421),

Gene: DarthP_30 Start: 26891, Stop: 27631, Start Num: 189

Candidate Starts for DarthP_30:

(37, 26546), (128, 26792), (Start: 138 @26813 has 3 MA's), (159, 26846), (169, 26867), (Start: 189 @26891 has 154 MA's), (Start: 203 @26903 has 1 MA's), (215, 26930), (219, 26936), (253, 27020), (257, 27029), (263, 27041), (274, 27074), (287, 27107), (334, 27215), (342, 27242), (397, 27350), (405, 27377), (415, 27398), (430, 27422), (474, 27434), (478, 27443), (507, 27500), (511, 27512), (555, 27611),

Gene: Dartin_31 Start: 25850, Stop: 26611, Start Num: 189

Candidate Starts for Dartin_31:

(169, 25820), (Start: 189 @25850 has 154 MA's), (219, 25895), (234, 25931), (255, 25991), (257, 25997), (268, 26027), (271, 26033), (274, 26042), (287, 26075), (300, 26117), (323, 26168), (334, 26183), (397, 26318), (405, 26345), (415, 26366), (420, 26372), (430, 26390), (479, 26423), (481, 26429), (507, 26477), (538, 26549), (555, 26591), (557, 26600),

Gene: Datway_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for Datway_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (257, 6247), (263, 6259), (273, 6289), (282, 6310), (297, 6331), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: DeadP_31 Start: 27683, Stop: 28681, Start Num: 55

Candidate Starts for DeadP_31:

(Start: 55 @27683 has 239 MA's), (82, 27758), (116, 27818), (Start: 129 @27839 has 1 MA's), (Start: 174 @27923 has 1 MA's), (207, 27974), (213, 27989), (257, 28085), (300, 28196), (307, 28217), (328, 28256), (333, 28268), (346, 28316), (354, 28343), (366, 28367), (381, 28382), (440, 28490), (478, 28538), (511, 28607), (527, 28637),

Gene: Deano_10 Start: 5887, Stop: 6867, Start Num: 86

Candidate Starts for Deano_10:

(Start: 86 @5887 has 111 MA's), (Start: 87 @5890 has 14 MA's), (95, 5914), (Start: 104 @5935 has 1 MA's), (Start: 106 @5938 has 1 MA's), (234, 6187), (257, 6244), (273, 6286), (297, 6328), (300, 6349), (311, 6376), (342, 6433), (405, 6583), (502, 6694), (507, 6706), (511, 6718), (545, 6784),

Gene: Deb65_31 Start: 27521, Stop: 28522, Start Num: 55

Candidate Starts for Deb65_31:

(35, 27422), (Start: 55 @27521 has 239 MA's), (Start: 62 @27542 has 3 MA's), (68, 27554), (82, 27596), (116, 27659), (Start: 129 @27680 has 1 MA's), (Start: 174 @27764 has 1 MA's), (188, 27788), (Start: 203 @27803 has 1 MA's), (207, 27815), (257, 27926), (301, 28040), (307, 28058), (328, 28097), (339, 28121), (346, 28157), (354, 28184), (381, 28223), (410, 28271), (440, 28331), (478, 28379), (485, 28391), (507, 28436), (511, 28448),

Gene: Deby_31 Start: 26428, Stop: 27300, Start Num: 189

Candidate Starts for Deby_31:

(40, 26098), (128, 26326), (169, 26401), (Start: 189 @26428 has 154 MA's), (Start: 203 @26440 has 1 MA's), (234, 26509), (244, 26536), (253, 26566), (257, 26575), (271, 26611), (274, 26620), (287, 26653), (294, 26671), (302, 26701), (334, 26761), (397, 26896), (405, 26923), (415, 26944), (430, 26968), (447, 27019), (481, 27121), (502, 27157), (511, 27181), (555, 27280), (557, 27289),

Gene: Deenasa_47 Start: 42295, Stop: 43359, Start Num: 102

Candidate Starts for Deenasa_47:

(Start: 102 @42295 has 45 MA's), (134, 42358), (179, 42439), (212, 42505), (222, 42520), (226, 42532), (237, 42559), (256, 42616), (260, 42625), (323, 42772), (332, 42787), (349, 42841), (366, 42874), (388, 42913), (396, 42925), (432, 43006), (442, 43024), (443, 43027), (448, 43072), (478, 43183), (529, 43294), (540, 43315), (553, 43348),

Gene: Delilah_250 Start: 144914, Stop: 145942, Start Num: 49

Candidate Starts for Delilah_250:

(Start: 49 @144914 has 167 MA's), (Start: 62 @144944 has 3 MA's), (68, 144956), (82, 144998), (116, 145061), (Start: 129 @145082 has 1 MA's), (Start: 174 @145166 has 1 MA's), (Start: 203 @145208 has 1 MA's), (207, 145220), (213, 145235), (244, 145304), (257, 145331), (278, 145385), (294, 145430), (295, 145433), (323, 145511), (333, 145532), (381, 145643), (434, 145733), (440, 145751), (493, 145823), (507, 145856),

Gene: Deloris_12 Start: 6865, Stop: 7842, Start Num: 67

Candidate Starts for Deloris_12:

(Start: 67 @6865 has 52 MA's), (Start: 87 @6919 has 14 MA's), (213, 7108), (235, 7156), (257, 7213), (271, 7249), (296, 7297), (305, 7336), (342, 7423), (362, 7486), (389, 7528), (410, 7576), (426, 7603), (434, 7618), (440, 7636), (441, 7639), (474, 7678), (501, 7729), (545, 7828),

Gene: Delylah_254 Start: 145191, Stop: 146219, Start Num: 49

Candidate Starts for Delylah_254:

(Start: 49 @145191 has 167 MA's), (Start: 62 @145221 has 3 MA's), (68, 145233), (82, 145275), (116, 145338), (Start: 129 @145359 has 1 MA's), (Start: 174 @145443 has 1 MA's), (Start: 203 @145485 has 1 MA's), (207, 145497), (213, 145512), (244, 145581), (257, 145608), (278, 145662), (294, 145707), (295, 145710), (323, 145788), (333, 145809), (381, 145920), (434, 146010), (440, 146028), (493, 146100), (507, 146133),

Gene: Demodog_260 Start: 146510, Stop: 147538, Start Num: 49

Candidate Starts for Demodog_260:

(Start: 49 @146510 has 167 MA's), (Start: 62 @146540 has 3 MA's), (68, 146552), (82, 146594), (116, 146657), (Start: 129 @146678 has 1 MA's), (Start: 174 @146762 has 1 MA's), (Start: 203 @146804 has 1 MA's), (207, 146816), (213, 146831), (244, 146900), (257, 146927), (278, 146981), (294, 147026), (295, 147029), (323, 147107), (333, 147128), (381, 147239), (434, 147329), (440, 147347), (493, 147419), (507, 147452),

Gene: Demsculpinboyz_36 Start: 26749, Stop: 27822, Start Num: 113

Candidate Starts for Demsculpinboyz_36:

(Start: 113 @26749 has 21 MA's), (Start: 129 @26776 has 1 MA's), (144, 26806), (195, 26899), (201, 26908), (205, 26917), (229, 26974), (245, 27019), (256, 27052), (260, 27061), (278, 27112), (298, 27154), (301, 27178), (304, 27187), (308, 27199), (323, 27229), (335, 27259), (337, 27262), (349, 27319), (351, 27322), (358, 27337), (364, 27349), (369, 27358), (381, 27382), (396, 27406), (432, 27487), (448, 27562), (479, 27673), (502, 27715), (503, 27718), (505, 27724), (511, 27739), (542, 27805),

Gene: Derek_248 Start: 145172, Stop: 146200, Start Num: 49

Candidate Starts for Derek_248:

(Start: 49 @145172 has 167 MA's), (Start: 62 @145202 has 3 MA's), (68, 145214), (82, 145256), (116, 145319), (Start: 129 @145340 has 1 MA's), (Start: 174 @145424 has 1 MA's), (Start: 203 @145466 has 1 MA's), (207, 145478), (213, 145493), (244, 145562), (257, 145589), (278, 145643), (294, 145688), (295, 145691), (323, 145769), (333, 145790), (381, 145901), (434, 145991), (440, 146009), (493, 146081), (507, 146114),

Gene: Devera_31 Start: 26468, Stop: 27340, Start Num: 189

Candidate Starts for Devera_31:

(169, 26441), (Start: 189 @26468 has 154 MA's), (Start: 203 @26480 has 1 MA's), (234, 26549), (244, 26576), (253, 26606), (257, 26615), (271, 26651), (274, 26660), (287, 26693), (294, 26711), (334, 26801), (397, 26936), (405, 26963), (415, 26984), (430, 27008), (460, 27110), (481, 27161), (502,

27197), (511, 27221), (555, 27320), (557, 27329),

Gene: Devonte_47 Start: 41524, Stop: 42588, Start Num: 102

Candidate Starts for Devonte_47:

(Start: 102 @41524 has 45 MA's), (134, 41587), (179, 41668), (212, 41734), (222, 41749), (226, 41761), (237, 41788), (256, 41845), (260, 41854), (323, 42001), (332, 42016), (349, 42070), (366, 42103), (388, 42142), (396, 42154), (432, 42235), (442, 42253), (443, 42256), (448, 42301), (478, 42412), (529, 42523), (540, 42544), (553, 42577),

Gene: Dexes_11 Start: 6621, Stop: 7589, Start Num: 66

Candidate Starts for Dexes_11:

(Start: 66 @6621 has 202 MA's), (Start: 77 @6654 has 5 MA's), (Start: 86 @6672 has 111 MA's), (Start: 87 @6675 has 14 MA's), (240, 6942), (257, 6993), (263, 7005), (296, 7080), (317, 7143), (333, 7176), (339, 7188), (342, 7206), (346, 7224), (353, 7248), (381, 7287), (431, 7368), (440, 7392), (441, 7395), (442, 7398), (463, 7407), (505, 7494), (527, 7539), (547, 7581),

Gene: Dhanush_10 Start: 5884, Stop: 6864, Start Num: 86

Candidate Starts for Dhanush_10:

(Start: 86 @5884 has 111 MA's), (Start: 87 @5887 has 14 MA's), (95, 5911), (Start: 104 @5932 has 1 MA's), (Start: 106 @5935 has 1 MA's), (234, 6184), (257, 6241), (297, 6325), (300, 6346), (311, 6373), (334, 6403), (342, 6430), (405, 6580), (502, 6691), (507, 6703), (511, 6715), (545, 6781),

Gene: Dieselweasel_12 Start: 5963, Stop: 6928, Start Num: 59

Candidate Starts for Dieselweasel_12:

(Start: 59 @5963 has 93 MA's), (78, 6008), (Start: 87 @6029 has 14 MA's), (158, 6149), (235, 6287), (257, 6344), (264, 6359), (300, 6440), (305, 6455), (314, 6473), (339, 6524), (342, 6542), (354, 6587), (410, 6683), (441, 6746), (474, 6785), (501, 6836),

Gene: Dietrick_241 Start: 143035, Stop: 144063, Start Num: 49

Candidate Starts for Dietrick_241:

(Start: 49 @143035 has 167 MA's), (Start: 62 @143065 has 3 MA's), (68, 143077), (82, 143119), (116, 143182), (Start: 129 @143203 has 1 MA's), (Start: 174 @143287 has 1 MA's), (Start: 203 @143329 has 1 MA's), (207, 143341), (213, 143356), (244, 143425), (257, 143452), (278, 143506), (294, 143551), (295, 143554), (323, 143632), (333, 143653), (381, 143764), (434, 143854), (440, 143872), (493, 143944), (507, 143977),

Gene: Dignity_13 Start: 6817, Stop: 7809, Start Num: 84

Candidate Starts for Dignity_13:

(Start: 84 @6817 has 68 MA's), (Start: 104 @6868 has 1 MA's), (Start: 106 @6871 has 1 MA's), (200, 7039), (Start: 203 @7045 has 1 MA's), (213, 7072), (241, 7132), (257, 7177), (294, 7264), (311, 7309), (341, 7348), (351, 7396), (357, 7411), (390, 7477), (406, 7519), (491, 7606), (541, 7720),

Gene: DillTech15_31 Start: 27607, Stop: 28608, Start Num: 55

Candidate Starts for DillTech15_31:

(Start: 55 @27607 has 239 MA's), (Start: 62 @27628 has 3 MA's), (82, 27682), (95, 27715), (116, 27745), (Start: 129 @27766 has 1 MA's), (Start: 174 @27850 has 1 MA's), (188, 27874), (207, 27901), (213, 27916), (257, 28012), (301, 28126), (307, 28144), (328, 28183), (339, 28207), (346, 28243), (354, 28270), (381, 28309), (410, 28357), (440, 28417), (485, 28477), (505, 28519), (507, 28522), (511, 28534), (527, 28564),

Gene: Diminimus_39 Start: 31793, Stop: 32764, Start Num: 85

Candidate Starts for Diminimus_39:

(Start: 85 @31793 has 13 MA's), (Start: 94 @31817 has 3 MA's), (100, 31832), (169, 31970), (186, 31997), (Start: 197 @32015 has 16 MA's), (204, 32027), (207, 32036), (229, 32081), (233, 32093), (248, 32120), (257, 32147), (263, 32159), (280, 32204), (292, 32231), (301, 32261), (304, 32270), (305, 32273), (345, 32360), (352, 32375), (419, 32528), (421, 32531), (472, 32591), (478, 32603), (481, 32612), (502, 32648), (508, 32663), (538, 32702), (552, 32735),

Gene: DirkDirk_26 Start: 25530, Stop: 26561, Start Num: 54

Candidate Starts for DirkDirk_26:

(Start: 54 @25530 has 29 MA's), (130, 25686), (141, 25710), (147, 25722), (155, 25740), (166, 25758), (176, 25776), (179, 25782), (183, 25791), (196, 25806), (204, 25821), (225, 25869), (235, 25893), (257, 25950), (272, 25989), (302, 26067), (305, 26076), (306, 26079), (314, 26094), (338, 26148), (342, 26169), (345, 26184), (387, 26268), (402, 26298), (441, 26367), (463, 26379), (474, 26403), (481, 26421), (485, 26424), (493, 26436), (495, 26439), (507, 26469), (511, 26481),

Gene: DirtMcgirt_32 Start: 27342, Stop: 28343, Start Num: 55

Candidate Starts for DirtMcgirt_32:

(Start: 55 @27342 has 239 MA's), (82, 27417), (95, 27450), (116, 27480), (Start: 129 @27501 has 1 MA's), (145, 27531), (149, 27543), (Start: 174 @27585 has 1 MA's), (188, 27609), (Start: 203 @27624 has 1 MA's), (207, 27636), (257, 27747), (301, 27861), (307, 27879), (328, 27918), (339, 27942), (346, 27978), (354, 28005), (381, 28044), (440, 28152), (478, 28200), (485, 28212), (505, 28254), (507, 28257), (511, 28269), (527, 28299),

Gene: DirtMonster_241 Start: 143767, Stop: 144795, Start Num: 49

Candidate Starts for DirtMonster_241:

(Start: 49 @143767 has 167 MA's), (Start: 62 @143797 has 3 MA's), (68, 143809), (82, 143851), (116, 143914), (Start: 129 @143935 has 1 MA's), (Start: 174 @144019 has 1 MA's), (Start: 203 @144061 has 1 MA's), (207, 144073), (213, 144088), (244, 144157), (257, 144184), (278, 144238), (294, 144283), (295, 144286), (323, 144364), (333, 144385), (381, 144496), (434, 144586), (440, 144604), (493, 144676), (507, 144709),

Gene: DirtyDunning_10 Start: 5877, Stop: 6857, Start Num: 86

Candidate Starts for DirtyDunning_10:

(Start: 86 @5877 has 111 MA's), (95, 5904), (Start: 104 @5925 has 1 MA's), (Start: 106 @5928 has 1 MA's), (Start: 199 @6093 has 2 MA's), (234, 6177), (257, 6234), (263, 6246), (282, 6297), (297, 6318), (300, 6339), (311, 6366), (333, 6393), (342, 6423), (405, 6573), (507, 6696), (511, 6708), (545, 6774),

Gene: Discoknowium_8 Start: 5463, Stop: 6272, Start Num: 137

Candidate Starts for Discoknowium_8:

(Start: 137 @5463 has 50 MA's), (169, 5526), (175, 5535), (188, 5556), (209, 5592), (230, 5640), (250, 5697), (261, 5721), (343, 5910), (356, 5952), (391, 6009), (534, 6258),

Gene: DismalFunk_29 Start: 24807, Stop: 26009, Start Num: 71

Candidate Starts for DismalFunk_29:

(56, 24765), (Start: 71 @24807 has 10 MA's), (80, 24834), (103, 24891), (111, 24912), (126, 24939), (158, 24999), (178, 25035), (Start: 203 @25068 has 1 MA's), (204, 25071), (219, 25101), (244, 25167), (257, 25206), (292, 25284), (306, 25329), (339, 25386), (342, 25404), (405, 25569), (415, 25590), (428, 25611), (452, 25716), (457, 25731), (478, 25800), (507, 25857), (543, 25938),

Gene: DismalStressor_29 Start: 24807, Stop: 26009, Start Num: 71

Candidate Starts for DismalStressor_29:

(56, 24765), (Start: 71 @24807 has 10 MA's), (80, 24834), (103, 24891), (111, 24912), (126, 24939), (158, 24999), (178, 25035), (Start: 203 @25068 has 1 MA's), (204, 25071), (219, 25101), (244, 25167), (257, 25206), (292, 25284), (306, 25329), (339, 25386), (342, 25404), (405, 25569), (415,

25590), (428, 25611), (452, 25716), (457, 25731), (478, 25800), (507, 25857), (543, 25938),

Gene: Dixon_8 Start: 4871, Stop: 5680, Start Num: 137

Candidate Starts for Dixon_8:

(Start: 137 @4871 has 50 MA's), (182, 4955), (209, 5000), (235, 5060), (259, 5126), (356, 5360), (366, 5378), (379, 5399), (391, 5417), (404, 5450), (411, 5468), (456, 5513), (476, 5537), (534, 5666),

Gene: DmpstrDiver_50 Start: 42106, Stop: 42978, Start Num: 108

Candidate Starts for DmpstrDiver_50:

(Start: 108 @42106 has 40 MA's), (Start: 122 @42133 has 1 MA's), (153, 42193), (181, 42241), (218, 42307), (228, 42328), (240, 42349), (260, 42403), (292, 42484), (427, 42763), (429, 42766), (453, 42790), (471, 42826), (478, 42841), (483, 42853), (498, 42874),

Gene: DocMcStuffins_33 Start: 28140, Stop: 29141, Start Num: 55

Candidate Starts for DocMcStuffins_33:

(25, 27879), (35, 28041), (Start: 55 @28140 has 239 MA's), (82, 28215), (116, 28278), (Start: 129 @28299 has 1 MA's), (Start: 174 @28383 has 1 MA's), (188, 28407), (Start: 203 @28422 has 1 MA's), (207, 28434), (257, 28545), (301, 28659), (307, 28677), (328, 28716), (339, 28740), (346, 28776), (354, 28803), (381, 28842), (440, 28950), (478, 28998), (485, 29010), (511, 29067), (527, 29097),

Gene: DoctorDiddles_35 Start: 31020, Stop: 31877, Start Num: 165

Candidate Starts for DoctorDiddles_35:

(Start: 165 @31020 has 123 MA's), (185, 31059), (207, 31089), (217, 31110), (233, 31146), (244, 31176), (276, 31251), (296, 31299), (298, 31302), (301, 31326), (302, 31329), (307, 31344), (381, 31515), (435, 31629), (438, 31638), (440, 31644), (442, 31650), (478, 31692), (479, 31695), (507, 31749), (539, 31827), (552, 31860),

Gene: Dole_31 Start: 26470, Stop: 27342, Start Num: 189

Candidate Starts for Dole_31:

(169, 26443), (Start: 189 @26470 has 154 MA's), (Start: 203 @26482 has 1 MA's), (234, 26551), (244, 26578), (253, 26608), (257, 26617), (271, 26653), (274, 26662), (287, 26695), (294, 26713), (334, 26803), (397, 26938), (405, 26965), (415, 26986), (430, 27010), (460, 27112), (481, 27163), (502, 27199), (511, 27223), (555, 27322), (557, 27331),

Gene: Domi_246 Start: 144374, Stop: 145402, Start Num: 49

Candidate Starts for Domi_246:

(Start: 49 @144374 has 167 MA's), (Start: 62 @144404 has 3 MA's), (68, 144416), (82, 144458), (116, 144521), (Start: 129 @144542 has 1 MA's), (Start: 174 @144626 has 1 MA's), (Start: 203 @144668 has 1 MA's), (207, 144680), (213, 144695), (244, 144764), (257, 144791), (278, 144845), (294, 144890), (295, 144893), (323, 144971), (333, 144992), (381, 145103), (434, 145193), (440, 145211), (493, 145283), (507, 145316),

Gene: Donkeykong_31 Start: 27705, Stop: 28706, Start Num: 55

Candidate Starts for Donkeykong_31:

(Start: 55 @27705 has 239 MA's), (82, 27780), (95, 27813), (116, 27843), (Start: 129 @27864 has 1 MA's), (Start: 174 @27948 has 1 MA's), (207, 27999), (213, 28014), (257, 28110), (300, 28221), (307, 28242), (328, 28281), (333, 28293), (346, 28341), (354, 28368), (366, 28392), (381, 28407), (440, 28515), (478, 28563), (511, 28632), (527, 28662),

Gene: DontArgue_9 Start: 3947, Stop: 4915, Start Num: 67

Candidate Starts for DontArgue_9:

(Start: 67 @3947 has 52 MA's), (72, 3959), (78, 3980), (Start: 87 @4001 has 14 MA's), (89, 4004), (158, 4121), (182, 4166), (183, 4169), (204, 4187), (257, 4316), (264, 4331), (271, 4352), (300, 4424),

(305, 4439), (314, 4457), (342, 4526), (362, 4589), (410, 4667), (426, 4694), (434, 4709), (441, 4730), (474, 4769), (501, 4820), (517, 4862),

Gene: Doom_10 Start: 6259, Stop: 7227, Start Num: 66

Candidate Starts for Doom_10:

(Start: 66 @6259 has 202 MA's), (Start: 77 @6292 has 5 MA's), (Start: 86 @6310 has 111 MA's), (Start: 87 @6313 has 14 MA's), (240, 6580), (257, 6631), (263, 6643), (296, 6718), (317, 6781), (324, 6793), (333, 6814), (339, 6826), (342, 6844), (346, 6862), (353, 6886), (381, 6925), (431, 7006), (440, 7030), (441, 7033), (442, 7036), (463, 7045), (505, 7132), (527, 7177), (547, 7219),

Gene: Doomphist_31 Start: 27641, Stop: 28642, Start Num: 55

Candidate Starts for Doomphist_31:

(32, 27479), (Start: 55 @27641 has 239 MA's), (82, 27716), (95, 27749), (116, 27779), (Start: 129 @27800 has 1 MA's), (145, 27830), (149, 27842), (Start: 174 @27884 has 1 MA's), (188, 27908), (Start: 203 @27923 has 1 MA's), (207, 27935), (257, 28046), (301, 28160), (307, 28178), (328, 28217), (339, 28241), (346, 28277), (354, 28304), (381, 28343), (410, 28391), (440, 28451), (478, 28499), (485, 28511), (507, 28556), (511, 28568), (527, 28598),

Gene: Dorothy_31 Start: 27483, Stop: 28484, Start Num: 55

Candidate Starts for Dorothy_31:

(Start: 55 @27483 has 239 MA's), (Start: 62 @27504 has 3 MA's), (82, 27558), (95, 27591), (116, 27621), (Start: 129 @27642 has 1 MA's), (145, 27672), (149, 27684), (Start: 174 @27726 has 1 MA's), (188, 27750), (Start: 203 @27765 has 1 MA's), (207, 27777), (257, 27888), (301, 28002), (307, 28020), (328, 28059), (339, 28083), (346, 28119), (354, 28146), (381, 28185), (410, 28233), (440, 28293), (478, 28341), (485, 28353), (507, 28398), (511, 28410), (527, 28440),

Gene: DosHalletts_33 Start: 27903, Stop: 28904, Start Num: 55

Candidate Starts for DosHalletts_33:

(Start: 55 @27903 has 239 MA's), (82, 27978), (95, 28011), (116, 28041), (Start: 129 @28062 has 1 MA's), (145, 28092), (149, 28104), (Start: 174 @28146 has 1 MA's), (188, 28170), (Start: 203 @28185 has 1 MA's), (207, 28197), (257, 28308), (295, 28392), (301, 28422), (307, 28440), (328, 28479), (339, 28503), (346, 28539), (354, 28566), (381, 28605), (410, 28653), (440, 28713), (478, 28761), (485, 28773), (507, 28818), (511, 28830), (527, 28860),

Gene: DotProduct_31 Start: 27508, Stop: 28509, Start Num: 55

Candidate Starts for DotProduct_31:

(Start: 55 @27508 has 239 MA's), (82, 27583), (95, 27616), (116, 27646), (Start: 129 @27667 has 1 MA's), (Start: 174 @27751 has 1 MA's), (188, 27775), (Start: 203 @27790 has 1 MA's), (207, 27802), (257, 27913), (301, 28027), (307, 28045), (328, 28084), (339, 28108), (346, 28144), (354, 28171), (381, 28210), (410, 28258), (440, 28318), (485, 28378), (505, 28420), (507, 28423), (511, 28435), (527, 28465),

Gene: Doug_32 Start: 28084, Stop: 29085, Start Num: 55

Candidate Starts for Doug_32:

(Start: 55 @28084 has 239 MA's), (82, 28159), (95, 28192), (116, 28222), (Start: 129 @28243 has 1 MA's), (Start: 174 @28327 has 1 MA's), (188, 28351), (Start: 203 @28366 has 1 MA's), (207, 28378), (257, 28489), (301, 28603), (307, 28621), (328, 28660), (339, 28684), (346, 28720), (354, 28747), (381, 28786), (440, 28894), (478, 28942), (511, 29011), (527, 29041),

Gene: Douge_26 Start: 25265, Stop: 26287, Start Num: 54

Candidate Starts for Douge_26:

(Start: 54 @25265 has 29 MA's), (96, 25376), (121, 25409), (125, 25415), (130, 25421), (182, 25523), (183, 25526), (207, 25565), (217, 25586), (235, 25628), (257, 25685), (301, 25799), (342, 25904),

(379, 25985), (380, 25988), (402, 26033), (441, 26096), (463, 26108), (501, 26183), (511, 26210),

Gene: Douzhi_26 Start: 25346, Stop: 26368, Start Num: 54

Candidate Starts for Douzhi_26:

(Start: 54 @25346 has 29 MA's), (96, 25457), (121, 25490), (125, 25496), (130, 25502), (182, 25604), (183, 25607), (207, 25646), (217, 25667), (235, 25709), (257, 25766), (301, 25880), (342, 25985), (379, 26066), (380, 26069), (402, 26114), (441, 26177), (463, 26189), (498, 26255), (501, 26264), (511, 26291),

Gene: Dove_46 Start: 41631, Stop: 42497, Start Num: 108

Candidate Starts for Dove_46:

(Start: 108 @41631 has 40 MA's), (Start: 122 @41658 has 1 MA's), (181, 41766), (195, 41787), (218, 41832), (228, 41853), (240, 41874), (260, 41928), (283, 41979), (299, 42030), (369, 42180), (396, 42222), (415, 42273), (429, 42291), (474, 42357), (479, 42369), (483, 42378), (501, 42408), (526, 42471),

Gene: DrDrey_36 Start: 32350, Stop: 33207, Start Num: 165

Candidate Starts for DrDrey_36:

(Start: 165 @32350 has 123 MA's), (185, 32389), (207, 32419), (217, 32440), (233, 32476), (244, 32506), (276, 32581), (296, 32629), (298, 32632), (301, 32656), (302, 32659), (307, 32674), (381, 32845), (435, 32959), (440, 32974), (442, 32980), (478, 33022), (479, 33025), (507, 33079), (539, 33157), (552, 33190),

Gene: DrFeelGood_9 Start: 5783, Stop: 6751, Start Num: 66

Candidate Starts for DrFeelGood_9:

(Start: 66 @5783 has 202 MA's), (Start: 77 @5816 has 5 MA's), (Start: 86 @5834 has 111 MA's), (Start: 87 @5837 has 14 MA's), (240, 6104), (257, 6155), (263, 6167), (296, 6242), (317, 6305), (333, 6338), (339, 6350), (342, 6368), (346, 6386), (353, 6410), (381, 6449), (431, 6530), (440, 6554), (441, 6557), (442, 6560), (463, 6569), (505, 6656), (527, 6701), (547, 6743),

Gene: DrHayes_31 Start: 26382, Stop: 27254, Start Num: 189

Candidate Starts for DrHayes_31:

(128, 26280), (169, 26355), (Start: 189 @26382 has 154 MA's), (Start: 203 @26394 has 1 MA's), (234, 26463), (244, 26490), (253, 26520), (257, 26529), (271, 26565), (274, 26574), (287, 26607), (294, 26625), (334, 26715), (397, 26850), (405, 26877), (415, 26898), (430, 26922), (447, 26973), (481, 27075), (502, 27111), (511, 27135), (555, 27234), (557, 27243),

Gene: DrLupo_42 Start: 32782, Stop: 33864, Start Num: 94

Candidate Starts for DrLupo_42:

(Start: 94 @32782 has 3 MA's), (193, 32974), (210, 33019), (236, 33076), (254, 33130), (269, 33172), (277, 33190), (286, 33208), (291, 33223), (313, 33286), (332, 33319), (335, 33325), (348, 33376), (350, 33379), (405, 33493), (408, 33502), (412, 33511), (459, 33661), (466, 33688), (473, 33703), (488, 33733), (512, 33784), (534, 33838),

Gene: DrPhinkDaddy_249 Start: 145599, Stop: 146627, Start Num: 49

Candidate Starts for DrPhinkDaddy_249:

(Start: 49 @145599 has 167 MA's), (Start: 62 @145629 has 3 MA's), (68, 145641), (82, 145683), (116, 145746), (Start: 129 @145767 has 1 MA's), (Start: 174 @145851 has 1 MA's), (Start: 203 @145893 has 1 MA's), (207, 145905), (213, 145920), (244, 145989), (257, 146016), (278, 146070), (294, 146115), (295, 146118), (323, 146196), (333, 146217), (381, 146328), (434, 146418), (440, 146436), (493, 146508), (507, 146541),

Gene: DrSeegs_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for DrSeegs_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Drago_32 Start: 27335, Stop: 28336, Start Num: 55

Candidate Starts for Drago_32:

(25, 27083), (35, 27236), (Start: 55 @27335 has 239 MA's), (Start: 62 @27356 has 3 MA's), (68, 27368), (82, 27410), (116, 27473), (Start: 129 @27494 has 1 MA's), (145, 27524), (Start: 174 @27578 has 1 MA's), (188, 27602), (207, 27629), (257, 27740), (301, 27854), (307, 27872), (328, 27911), (339, 27935), (346, 27971), (354, 27998), (381, 28037), (410, 28085), (440, 28145), (485, 28205), (511, 28262), (527, 28292),

Gene: Drake55_13 Start: 6940, Stop: 7917, Start Num: 67

Candidate Starts for Drake55_13:

(Start: 67 @6940 has 52 MA's), (Start: 87 @6994 has 14 MA's), (133, 7051), (213, 7183), (235, 7231), (257, 7288), (271, 7324), (296, 7372), (305, 7411), (340, 7483), (342, 7498), (354, 7543), (362, 7561), (389, 7603), (410, 7651), (426, 7678), (434, 7693), (440, 7711), (441, 7714), (501, 7804),

Gene: Drake94_9 Start: 3773, Stop: 4747, Start Num: 67

Candidate Starts for Drake94_9:

(38, 3734), (Start: 67 @3773 has 52 MA's), (78, 3806), (Start: 87 @3827 has 14 MA's), (185, 3995), (207, 4037), (213, 4052), (257, 4157), (296, 4229), (301, 4256), (302, 4259), (305, 4268), (342, 4355), (410, 4502), (441, 4565), (474, 4604), (498, 4646),

Gene: Drazdys_249 Start: 145179, Stop: 146207, Start Num: 49

Candidate Starts for Drazdys_249:

(Start: 49 @145179 has 167 MA's), (Start: 62 @145209 has 3 MA's), (68, 145221), (82, 145263), (116, 145326), (Start: 129 @145347 has 1 MA's), (Start: 174 @145431 has 1 MA's), (Start: 203 @145473 has 1 MA's), (207, 145485), (213, 145500), (244, 145569), (257, 145596), (278, 145650), (294, 145695), (295, 145698), (323, 145776), (333, 145797), (381, 145908), (434, 145998), (440, 146016), (493, 146088), (507, 146121),

Gene: DreamCatcher_11 Start: 6375, Stop: 7343, Start Num: 66

Candidate Starts for DreamCatcher_11:

(Start: 66 @6375 has 202 MA's), (Start: 77 @6408 has 5 MA's), (Start: 86 @6426 has 111 MA's), (Start: 87 @6429 has 14 MA's), (240, 6696), (257, 6747), (263, 6759), (296, 6834), (333, 6930), (342, 6960), (381, 7041), (431, 7122), (440, 7146), (441, 7149), (442, 7152), (463, 7161), (505, 7248), (547, 7335),

Gene: Dreamboat_11 Start: 5911, Stop: 6879, Start Num: 66

Candidate Starts for Dreamboat_11:

(Start: 66 @5911 has 202 MA's), (Start: 77 @5944 has 5 MA's), (Start: 86 @5962 has 111 MA's), (Start: 87 @5965 has 14 MA's), (Start: 203 @6154 has 1 MA's), (240, 6232), (257, 6283), (263, 6295), (296, 6370), (317, 6433), (333, 6466), (339, 6478), (342, 6496), (346, 6514), (353, 6538), (381, 6577), (431, 6658), (440, 6682), (441, 6685), (442, 6688), (463, 6697), (505, 6784), (527, 6829), (547, 6871),

Gene: DroogsArmy_11 Start: 7064, Stop: 8041, Start Num: 67

Candidate Starts for DroogsArmy_11:

(Start: 67 @7064 has 52 MA's), (Start: 87 @7118 has 14 MA's), (120, 7172), (141, 7205), (213, 7337), (257, 7442), (296, 7514), (301, 7541), (305, 7553), (314, 7571), (342, 7640), (362, 7703), (410, 7781),

(426, 7808), (440, 7841), (441, 7844), (478, 7892), (501, 7934), (510, 7958), (528, 8000),

Gene: DropBear_10 Start: 5799, Stop: 6539, Start Num: 189

Candidate Starts for DropBear_10:

(Start: 189 @5799 has 154 MA's), (235, 5886), (257, 5943), (263, 5955), (264, 5958), (272, 5982), (285, 5997), (290, 6015), (300, 6045), (302, 6051), (305, 6060), (314, 6078), (339, 6129), (342, 6147), (368, 6219), (399, 6261), (410, 6288), (426, 6315), (440, 6348), (441, 6351), (474, 6390), (549, 6531),

Gene: Druantia_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Druantia_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Dublin_7 Start: 5322, Stop: 6131, Start Num: 137

Candidate Starts for Dublin_7:

(Start: 137 @5322 has 50 MA's), (169, 5385), (175, 5394), (209, 5451), (230, 5499), (343, 5769), (356, 5811), (391, 5868), (407, 5910), (534, 6117),

Gene: DudeLittle_11 Start: 6524, Stop: 7516, Start Num: 84

Candidate Starts for DudeLittle_11:

(Start: 84 @6524 has 68 MA's), (Start: 97 @6557 has 1 MA's), (Start: 104 @6575 has 1 MA's), (Start: 106 @6578 has 1 MA's), (120, 6611), (131, 6626), (179, 6713), (200, 6746), (Start: 203 @6752 has 1 MA's), (213, 6779), (241, 6839), (257, 6884), (311, 7016), (341, 7055), (351, 7103), (390, 7184), (406, 7226), (491, 7313), (507, 7349), (516, 7373), (533, 7415), (541, 7427), (564, 7502),

Gene: Duke13_52 Start: 42424, Stop: 43296, Start Num: 108

Candidate Starts for Duke13_52:

(Start: 108 @42424 has 40 MA's), (Start: 122 @42451 has 1 MA's), (153, 42511), (181, 42559), (218, 42625), (228, 42646), (240, 42667), (260, 42721), (292, 42802), (427, 43081), (429, 43084), (453, 43108), (471, 43144), (478, 43159), (483, 43171), (498, 43192),

Gene: Dulcie_9 Start: 5658, Stop: 6626, Start Num: 66

Candidate Starts for Dulcie_9:

(Start: 66 @5658 has 202 MA's), (Start: 77 @5691 has 5 MA's), (Start: 86 @5709 has 111 MA's), (Start: 87 @5712 has 14 MA's), (240, 5979), (257, 6030), (263, 6042), (296, 6117), (333, 6213), (339, 6225), (342, 6243), (346, 6261), (353, 6285), (381, 6324), (431, 6405), (440, 6429), (441, 6432), (442, 6435), (463, 6444), (527, 6576), (547, 6618),

Gene: Dulcita_39 Start: 31793, Stop: 32764, Start Num: 85

Candidate Starts for Dulcita_39:

(Start: 85 @31793 has 13 MA's), (Start: 94 @31817 has 3 MA's), (100, 31832), (169, 31970), (186, 31997), (Start: 197 @32015 has 16 MA's), (204, 32027), (207, 32036), (229, 32081), (233, 32093), (248, 32120), (257, 32147), (263, 32159), (280, 32204), (292, 32231), (301, 32261), (304, 32270), (305, 32273), (345, 32360), (352, 32375), (419, 32528), (421, 32531), (472, 32591), (478, 32603), (481, 32612), (502, 32648), (508, 32663), (538, 32702), (552, 32735),

Gene: Dumbo_35 Start: 31325, Stop: 32182, Start Num: 165

Candidate Starts for Dumbo_35:

(Start: 165 @31325 has 123 MA's), (185, 31364), (207, 31394), (217, 31415), (233, 31451), (244, 31481), (276, 31556), (296, 31604), (298, 31607), (301, 31631), (302, 31634), (307, 31649), (381, 31820), (435, 31934), (440, 31949), (442, 31955), (478, 31997), (479, 32000), (505, 32051), (507, 32054), (539, 32132), (552, 32165),

Gene: DuncansLeg_28 Start: 26834, Stop: 27877, Start Num: 74

Candidate Starts for DuncansLeg_28:

(Start: 74 @26834 has 17 MA's), (Start: 76 @26840 has 22 MA's), (Start: 87 @26867 has 14 MA's), (Start: 94 @26888 has 3 MA's), (117, 26939), (163, 27020), (223, 27125), (257, 27212), (273, 27254), (299, 27308), (303, 27326), (305, 27332), (307, 27338), (342, 27410), (368, 27467), (398, 27527), (431, 27602), (472, 27647), (479, 27662), (481, 27668), (511, 27731), (555, 27833), (559, 27854), (561, 27860),

Gene: Duplo_14 Start: 6638, Stop: 7402, Start Num: 197

Candidate Starts for Duplo_14:

(Start: 197 @6638 has 16 MA's), (257, 6782), (296, 6869), (301, 6896), (305, 6908), (342, 6995), (399, 7109), (410, 7136), (440, 7196), (441, 7199), (472, 7235), (501, 7289), (520, 7337),

Gene: Durfee_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Durfee_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Dusk_34 Start: 31510, Stop: 32367, Start Num: 165

Candidate Starts for Dusk_34:

(Start: 165 @31510 has 123 MA's), (185, 31549), (207, 31579), (217, 31600), (233, 31636), (244, 31666), (276, 31741), (296, 31789), (298, 31792), (301, 31816), (302, 31819), (307, 31834), (381, 32005), (435, 32119), (440, 32134), (442, 32140), (478, 32182), (479, 32185), (507, 32239), (539, 32317), (552, 32350),

Gene: Dussy_11 Start: 6019, Stop: 6987, Start Num: 66

Candidate Starts for Dussy_11:

(Start: 66 @6019 has 202 MA's), (Start: 77 @6052 has 5 MA's), (Start: 86 @6070 has 111 MA's), (Start: 87 @6073 has 14 MA's), (240, 6340), (257, 6391), (263, 6403), (296, 6478), (317, 6541), (324, 6553), (333, 6574), (339, 6586), (342, 6604), (346, 6622), (353, 6646), (381, 6685), (431, 6766), (440, 6790), (441, 6793), (442, 6796), (463, 6805), (505, 6892), (527, 6937), (547, 6979),

Gene: DustyMartin_13 Start: 5759, Stop: 6733, Start Num: 67

Candidate Starts for DustyMartin_13:

(Start: 67 @5759 has 52 MA's), (Start: 87 @5813 has 14 MA's), (118, 5861), (176, 5966), (257, 6128), (264, 6143), (271, 6164), (300, 6236), (305, 6251), (339, 6320), (342, 6338), (354, 6383), (362, 6401), (410, 6479), (426, 6506), (434, 6521), (441, 6542), (474, 6581), (501, 6632), (517, 6674), (550, 6725),

Gene: Dylan_67 Start: 43515, Stop: 44555, Start Num: 55

Candidate Starts for Dylan_67:

(Start: 55 @43515 has 239 MA's), (82, 43590), (116, 43671), (119, 43677), (Start: 129 @43692 has 1 MA's), (172, 43773), (Start: 174 @43776 has 1 MA's), (207, 43830), (213, 43845), (257, 43941), (272, 43980), (284, 44010), (294, 44040), (295, 44043), (302, 44076), (333, 44142), (344, 44181), (346, 44190), (354, 44217), (381, 44256), (488, 44430), (511, 44481),

Gene: Dynamix_10 Start: 5732, Stop: 6700, Start Num: 66

Candidate Starts for Dynamix_10:

(Start: 66 @5732 has 202 MA's), (Start: 77 @5765 has 5 MA's), (Start: 86 @5783 has 111 MA's), (Start: 87 @5786 has 14 MA's), (240, 6053), (257, 6104), (263, 6116), (296, 6191), (317, 6254), (333, 6287), (339, 6299), (342, 6317), (346, 6335), (353, 6359), (381, 6398), (431, 6479), (440, 6503), (441,

6506), (442, 6509), (463, 6518), (505, 6605), (547, 6692),

Gene: DyoEdafos_27 Start: 25472, Stop: 26494, Start Num: 54

Candidate Starts for DyoEdafos_27:

(Start: 54 @25472 has 29 MA's), (96, 25583), (98, 25586), (121, 25616), (125, 25622), (130, 25628), (155, 25682), (182, 25730), (196, 25748), (204, 25763), (217, 25793), (235, 25835), (257, 25892), (301, 26006), (305, 26018), (342, 26111), (379, 26192), (402, 26240), (418, 26258), (441, 26303), (463, 26315), (501, 26390), (511, 26417),

Gene: ET08_238 Start: 143503, Stop: 144531, Start Num: 49

Candidate Starts for ET08_238:

(Start: 49 @143503 has 167 MA's), (Start: 62 @143533 has 3 MA's), (82, 143587), (116, 143650), (Start: 129 @143671 has 1 MA's), (Start: 174 @143755 has 1 MA's), (Start: 203 @143797 has 1 MA's), (207, 143809), (213, 143824), (244, 143893), (257, 143920), (278, 143974), (294, 144019), (295, 144022), (323, 144100), (333, 144121), (381, 144232), (434, 144322), (440, 144340), (493, 144412), (507, 144445),

Gene: EZMoney23_15 Start: 8407, Stop: 9384, Start Num: 67

Candidate Starts for EZMoney23_15:

(Start: 67 @8407 has 52 MA's), (Start: 87 @8461 has 14 MA's), (111, 8500), (213, 8650), (235, 8698), (257, 8755), (271, 8791), (296, 8839), (305, 8878), (339, 8947), (340, 8950), (342, 8965), (354, 9010), (362, 9028), (389, 9070), (410, 9118), (426, 9145), (434, 9160), (440, 9178), (441, 9181), (501, 9271),

Gene: Eagle_9 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Eagle_9:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Eaglepride_11 Start: 5708, Stop: 6676, Start Num: 67

Candidate Starts for Eaglepride_11:

(53, 5669), (Start: 67 @5708 has 52 MA's), (72, 5720), (78, 5741), (Start: 87 @5762 has 14 MA's), (89, 5765), (176, 5915), (183, 5930), (204, 5948), (257, 6077), (264, 6092), (296, 6161), (300, 6185), (302, 6191), (305, 6200), (339, 6269), (342, 6287), (362, 6350), (410, 6428), (426, 6455), (434, 6470), (441, 6491), (474, 6530), (501, 6581), (505, 6593), (510, 6605), (517, 6623),

Gene: Eapen_10 Start: 5883, Stop: 6863, Start Num: 86

Candidate Starts for Eapen_10:

(Start: 86 @5883 has 111 MA's), (Start: 87 @5886 has 14 MA's), (95, 5910), (Start: 104 @5931 has 1 MA's), (Start: 106 @5934 has 1 MA's), (234, 6183), (257, 6240), (297, 6324), (300, 6345), (311, 6372), (334, 6402), (342, 6429), (405, 6579), (502, 6690), (507, 6702), (511, 6714), (545, 6780),

Gene: Easy2Say_37 Start: 33108, Stop: 33965, Start Num: 165

Candidate Starts for Easy2Say_37:

(Start: 165 @33108 has 123 MA's), (185, 33147), (207, 33177), (217, 33198), (233, 33234), (244, 33264), (276, 33339), (296, 33387), (298, 33390), (301, 33414), (302, 33417), (307, 33432), (381, 33603), (435, 33717), (440, 33732), (442, 33738), (478, 33780), (479, 33783), (507, 33837), (539, 33915), (552, 33948),

Gene: EasyJones_253 Start: 143585, Stop: 144583, Start Num: 62

Candidate Starts for EasyJones_253:

(Start: 49 @143555 has 167 MA's), (Start: 62 @143585 has 3 MA's), (68, 143597), (82, 143639), (116, 143702), (Start: 129 @143723 has 1 MA's), (Start: 174 @143807 has 1 MA's), (Start: 203 @143849

has 1 MA's), (207, 143861), (213, 143876), (244, 143945), (257, 143972), (278, 144026), (294, 144071), (295, 144074), (323, 144152), (333, 144173), (381, 144284), (434, 144374), (440, 144392), (493, 144464), (507, 144497),

Gene: Echild_11 Start: 6541, Stop: 7518, Start Num: 67

Candidate Starts for Echild_11:

(Start: 67 @6541 has 52 MA's), (Start: 87 @6595 has 14 MA's), (213, 6784), (229, 6820), (235, 6832), (257, 6889), (271, 6925), (296, 6973), (305, 7012), (329, 7060), (338, 7078), (340, 7084), (342, 7099), (354, 7144), (362, 7162), (389, 7204), (410, 7252), (426, 7279), (434, 7294), (440, 7312), (441, 7315), (501, 7405), (545, 7504),

Gene: Edison31_10 Start: 5718, Stop: 6692, Start Num: 67

Candidate Starts for Edison31_10:

(Start: 67 @5718 has 52 MA's), (70, 5724), (Start: 87 @5772 has 14 MA's), (176, 5925), (257, 6087), (264, 6102), (271, 6123), (300, 6195), (302, 6201), (305, 6210), (326, 6252), (339, 6279), (342, 6297), (354, 6342), (362, 6360), (410, 6438), (426, 6465), (434, 6480), (441, 6501), (474, 6540), (501, 6591), (517, 6633), (550, 6684),

Gene: Edtherson_11 Start: 6516, Stop: 7484, Start Num: 66

Candidate Starts for Edtherson_11:

(Start: 66 @6516 has 202 MA's), (Start: 77 @6549 has 5 MA's), (Start: 86 @6567 has 111 MA's), (240, 6837), (257, 6888), (263, 6900), (296, 6975), (317, 7038), (324, 7050), (333, 7071), (339, 7083), (342, 7101), (346, 7119), (353, 7143), (381, 7182), (431, 7263), (440, 7287), (441, 7290), (442, 7293), (463, 7302), (505, 7389), (515, 7413), (527, 7434), (547, 7476),

Gene: Edugator_30 Start: 27158, Stop: 27919, Start Num: 187

Candidate Starts for Edugator_30:

(159, 27110), (Start: 187 @27158 has 16 MA's), (Start: 203 @27170 has 1 MA's), (206, 27176), (219, 27203), (234, 27239), (255, 27299), (257, 27305), (268, 27335), (271, 27341), (274, 27350), (287, 27383), (300, 27425), (301, 27428), (305, 27440), (323, 27476), (334, 27491), (344, 27527), (397, 27626), (405, 27653), (415, 27674), (481, 27737), (498, 27761), (507, 27785), (536, 27854), (555, 27899), (557, 27908),

Gene: Efra2_31 Start: 25702, Stop: 26571, Start Num: 189

Candidate Starts for Efra2_31:

(159, 25654), (169, 25675), (Start: 189 @25702 has 154 MA's), (Start: 203 @25714 has 1 MA's), (215, 25741), (219, 25747), (231, 25777), (234, 25783), (257, 25846), (271, 25882), (274, 25891), (287, 25924), (302, 25972), (339, 26041), (405, 26194), (415, 26215), (430, 26239), (437, 26257), (444, 26278), (451, 26317), (481, 26392), (543, 26521), (555, 26551), (557, 26560),

Gene: EggyFarm_260 Start: 146394, Stop: 147422, Start Num: 49

Candidate Starts for EggyFarm_260:

(Start: 49 @146394 has 167 MA's), (Start: 62 @146424 has 3 MA's), (68, 146436), (82, 146478), (116, 146541), (Start: 129 @146562 has 1 MA's), (Start: 174 @146646 has 1 MA's), (Start: 203 @146688 has 1 MA's), (207, 146700), (213, 146715), (244, 146784), (257, 146811), (278, 146865), (294, 146910), (295, 146913), (323, 146991), (333, 147012), (381, 147123), (434, 147213), (440, 147231), (493, 147303), (507, 147336),

Gene: Eish_31 Start: 27924, Stop: 29228, Start Num: 23

Candidate Starts for Eish_31:

(17, 27894), (18, 27900), (21, 27912), (Start: 23 @27924 has 1 MA's), (24, 27936), (Start: 55 @28212 has 239 MA's), (Start: 107 @28344 has 3 MA's), (116, 28365), (Start: 129 @28386 has 1 MA's), (145, 28416), (149, 28428), (Start: 174 @28470 has 1 MA's), (188, 28494), (Start: 203 @28509 has 1 MA's),

(207, 28521), (257, 28632), (301, 28746), (307, 28764), (328, 28803), (339, 28827), (346, 28863), (354, 28890), (381, 28929), (440, 29037), (478, 29085), (485, 29097), (507, 29142), (511, 29154), (527, 29184),

Gene: Ejimix_49 Start: 43361, Stop: 44233, Start Num: 108

Candidate Starts for Ejimix_49:

(Start: 108 @43361 has 40 MA's), (Start: 122 @43388 has 1 MA's), (153, 43448), (181, 43496), (218, 43562), (228, 43583), (240, 43604), (260, 43658), (292, 43739), (427, 44018), (429, 44021), (453, 44045), (471, 44081), (478, 44096), (483, 44108), (498, 44129),

Gene: Ekdilam_28 Start: 26650, Stop: 27390, Start Num: 189

Candidate Starts for Ekdilam_28:

(128, 26551), (Start: 138 @26572 has 3 MA's), (159, 26605), (169, 26626), (Start: 189 @26650 has 154 MA's), (Start: 203 @26662 has 1 MA's), (219, 26695), (253, 26779), (257, 26788), (263, 26800), (274, 26833), (287, 26866), (334, 26974), (342, 27001), (405, 27136), (415, 27157), (430, 27181), (474, 27193), (478, 27202), (507, 27259), (511, 27271), (543, 27340), (555, 27370),

Gene: EITiger69_8 Start: 5180, Stop: 5989, Start Num: 137

Candidate Starts for EITiger69_8:

(Start: 137 @5180 has 50 MA's), (161, 5225), (209, 5309), (215, 5324), (230, 5357), (343, 5627), (356, 5669), (379, 5708), (391, 5726), (403, 5756), (524, 5954),

Gene: EleanorGeorge_32 Start: 28150, Stop: 29220, Start Num: 113

Candidate Starts for EleanorGeorge_32:

(91, 28096), (Start: 113 @28150 has 21 MA's), (226, 28366), (227, 28369), (245, 28420), (260, 28462), (278, 28513), (323, 28627), (337, 28660), (358, 28735), (369, 28756), (432, 28885), (448, 28957), (472, 29053), (478, 29065), (511, 29134), (537, 29191), (542, 29200),

Gene: Elite2014_34 Start: 31065, Stop: 31922, Start Num: 165

Candidate Starts for Elite2014_34:

(Start: 165 @31065 has 123 MA's), (185, 31104), (207, 31134), (217, 31155), (233, 31191), (244, 31221), (276, 31296), (296, 31344), (298, 31347), (301, 31371), (302, 31374), (307, 31389), (381, 31560), (435, 31674), (440, 31689), (442, 31695), (478, 31737), (479, 31740), (507, 31794), (539, 31872), (552, 31905),

Gene: Ellie_28 Start: 26652, Stop: 27389, Start Num: 189

Candidate Starts for Ellie_28:

(128, 26541), (Start: 138 @26562 has 3 MA's), (159, 26601), (169, 26622), (Start: 189 @26652 has 154 MA's), (Start: 203 @26664 has 1 MA's), (219, 26697), (234, 26733), (253, 26781), (257, 26790), (263, 26802), (271, 26826), (287, 26868), (334, 26976), (342, 27003), (386, 27090), (397, 27108), (401, 27123), (405, 27135), (415, 27156), (430, 27180), (474, 27192), (478, 27201), (481, 27210), (507, 27258), (555, 27369), (556, 27378),

Gene: Ellson_28 Start: 26821, Stop: 27864, Start Num: 74

Candidate Starts for Ellson_28:

(Start: 74 @26821 has 17 MA's), (Start: 76 @26827 has 22 MA's), (Start: 87 @26854 has 14 MA's), (Start: 94 @26875 has 3 MA's), (117, 26926), (163, 27007), (223, 27112), (255, 27193), (257, 27199), (273, 27241), (299, 27295), (303, 27313), (305, 27319), (307, 27325), (342, 27397), (368, 27454), (398, 27514), (431, 27589), (472, 27634), (479, 27649), (481, 27655), (511, 27718), (555, 27820), (559, 27841), (561, 27847),

Gene: Elph10_36 Start: 31328, Stop: 32185, Start Num: 165

Candidate Starts for Elph10_36:

(Start: 165 @31328 has 123 MA's), (185, 31367), (207, 31397), (217, 31418), (233, 31454), (244, 31484), (276, 31559), (296, 31607), (298, 31610), (301, 31634), (302, 31637), (307, 31652), (381, 31823), (435, 31937), (440, 31952), (442, 31958), (478, 32000), (479, 32003), (507, 32057), (539, 32135), (552, 32168),

Gene: EmToTheThree_253 Start: 145387, Stop: 146415, Start Num: 49

Candidate Starts for EmToTheThree_253:

(Start: 49 @145387 has 167 MA's), (Start: 62 @145417 has 3 MA's), (68, 145429), (82, 145471), (116, 145534), (Start: 129 @145555 has 1 MA's), (Start: 174 @145639 has 1 MA's), (Start: 203 @145681 has 1 MA's), (207, 145693), (213, 145708), (244, 145777), (257, 145804), (278, 145858), (294, 145903), (295, 145906), (323, 145984), (333, 146005), (381, 146116), (434, 146206), (440, 146224), (493, 146296), (507, 146329),

Gene: Emerson_31 Start: 26454, Stop: 27326, Start Num: 189

Candidate Starts for Emerson_31:

(169, 26427), (Start: 189 @26454 has 154 MA's), (Start: 203 @26466 has 1 MA's), (234, 26535), (244, 26562), (253, 26592), (257, 26601), (271, 26637), (274, 26646), (287, 26679), (294, 26697), (302, 26727), (333, 26784), (334, 26787), (397, 26922), (405, 26949), (415, 26970), (430, 26994), (447, 27045), (481, 27147), (502, 27183), (530, 27255), (555, 27306), (557, 27315),

Gene: Emma_33 Start: 28128, Stop: 29126, Start Num: 55

Candidate Starts for Emma_33:

(Start: 55 @28128 has 239 MA's), (82, 28203), (116, 28263), (Start: 129 @28284 has 1 MA's), (Start: 174 @28368 has 1 MA's), (207, 28419), (213, 28434), (257, 28530), (300, 28641), (307, 28662), (328, 28701), (333, 28713), (346, 28761), (354, 28788), (366, 28812), (381, 28827), (440, 28935), (478, 28983), (511, 29052), (527, 29082),

Gene: EmmaElysia_257 Start: 146050, Stop: 147078, Start Num: 49

Candidate Starts for EmmaElysia_257:

(Start: 49 @146050 has 167 MA's), (Start: 62 @146080 has 3 MA's), (68, 146092), (82, 146134), (116, 146197), (Start: 129 @146218 has 1 MA's), (Start: 174 @146302 has 1 MA's), (Start: 203 @146344 has 1 MA's), (207, 146356), (213, 146371), (244, 146440), (257, 146467), (278, 146521), (294, 146566), (295, 146569), (323, 146647), (333, 146668), (381, 146779), (434, 146869), (440, 146887), (493, 146959), (507, 146992),

Gene: Emmina_36 Start: 31686, Stop: 32543, Start Num: 165

Candidate Starts for Emmina_36:

(Start: 165 @31686 has 123 MA's), (185, 31725), (207, 31755), (217, 31776), (233, 31812), (244, 31842), (276, 31917), (296, 31965), (298, 31968), (301, 31992), (302, 31995), (307, 32010), (381, 32181), (435, 32295), (440, 32310), (442, 32316), (478, 32358), (479, 32361), (507, 32415), (539, 32493), (552, 32526),

Gene: Empress_32 Start: 28933, Stop: 29934, Start Num: 55

Candidate Starts for Empress_32:

(Start: 55 @28933 has 239 MA's), (82, 29008), (95, 29041), (116, 29071), (Start: 129 @29092 has 1 MA's), (Start: 174 @29176 has 1 MA's), (188, 29200), (Start: 203 @29215 has 1 MA's), (207, 29227), (257, 29338), (301, 29452), (307, 29470), (328, 29509), (339, 29533), (346, 29569), (354, 29596), (381, 29635), (440, 29743), (485, 29803), (511, 29860), (527, 29890),

Gene: Enby_33 Start: 27679, Stop: 28749, Start Num: 113

Candidate Starts for Enby_33:

(91, 27625), (Start: 113 @27679 has 21 MA's), (226, 27895), (227, 27898), (245, 27949), (260, 27991), (278, 28042), (323, 28156), (337, 28189), (358, 28264), (369, 28285), (432, 28414), (448,

28486), (472, 28582), (478, 28594), (511, 28663), (537, 28720), (542, 28729),

Gene: Enceladus_26 Start: 25531, Stop: 26562, Start Num: 54

Candidate Starts for Enceladus_26:

(Start: 54 @25531 has 29 MA's), (130, 25687), (141, 25711), (147, 25723), (155, 25741), (166, 25759), (176, 25777), (179, 25783), (183, 25792), (196, 25807), (204, 25822), (225, 25870), (235, 25894), (257, 25951), (272, 25990), (302, 26068), (305, 26077), (306, 26080), (314, 26095), (338, 26149), (342, 26170), (345, 26185), (387, 26269), (402, 26299), (441, 26368), (463, 26380), (474, 26404), (481, 26422), (485, 26425), (493, 26437), (495, 26440), (507, 26470), (511, 26482),

Gene: EniyanLRS_49 Start: 38079, Stop: 39044, Start Num: 55

Candidate Starts for EniyanLRS_49:

(Start: 55 @38079 has 239 MA's), (Start: 77 @38142 has 5 MA's), (118, 38202), (126, 38217), (Start: 129 @38220 has 1 MA's), (Start: 137 @38232 has 50 MA's), (139, 38238), (160, 38274), (162, 38277), (207, 38349), (213, 38364), (217, 38370), (244, 38433), (257, 38463), (269, 38496), (300, 38559), (301, 38562), (317, 38601), (333, 38634), (342, 38661), (344, 38670), (353, 38703), (436, 38838), (441, 38853), (478, 38898), (501, 38940), (511, 38967), (532, 39009),

Gene: Enkosi_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for Enkosi_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: EpicPhail_12 Start: 5962, Stop: 6927, Start Num: 59

Candidate Starts for EpicPhail_12:

(Start: 59 @5962 has 93 MA's), (78, 6007), (Start: 87 @6028 has 14 MA's), (158, 6148), (235, 6286), (257, 6343), (264, 6358), (300, 6439), (305, 6454), (314, 6472), (339, 6523), (342, 6541), (354, 6586), (410, 6682), (441, 6745), (474, 6784), (501, 6835),

Gene: Eponine_34 Start: 28394, Stop: 29185, Start Num: 173

Candidate Starts for Eponine_34:

(Start: 173 @28394 has 20 MA's), (Start: 203 @28427 has 1 MA's), (219, 28460), (229, 28484), (239, 28505), (243, 28514), (251, 28544), (253, 28553), (257, 28562), (271, 28598), (304, 28679), (397, 28886), (405, 28913), (415, 28934), (424, 28949), (430, 28958), (479, 28982), (507, 29036), (511, 29048), (545, 29120),

Gene: Equemioh13_13 Start: 6926, Stop: 7903, Start Num: 67

Candidate Starts for Equemioh13_13:

(Start: 67 @6926 has 52 MA's), (Start: 87 @6980 has 14 MA's), (133, 7037), (213, 7169), (235, 7217), (257, 7274), (271, 7310), (296, 7358), (305, 7397), (340, 7469), (342, 7484), (354, 7529), (362, 7547), (389, 7589), (410, 7637), (426, 7664), (434, 7679), (440, 7697), (441, 7700), (501, 7790),

Gene: Eradicator_31 Start: 27626, Stop: 28627, Start Num: 55

Candidate Starts for Eradicator_31:

(Start: 55 @27626 has 239 MA's), (82, 27701), (116, 27764), (Start: 129 @27785 has 1 MA's), (Start: 174 @27869 has 1 MA's), (188, 27893), (Start: 203 @27908 has 1 MA's), (207, 27920), (257, 28031), (301, 28145), (307, 28163), (328, 28202), (339, 28226), (346, 28262), (354, 28289), (381, 28328), (410, 28376), (440, 28436), (485, 28496), (507, 28541), (511, 28553), (527, 28583),

Gene: Erdmann_254 Start: 145355, Stop: 146383, Start Num: 49

Candidate Starts for Erdmann_254:

(Start: 49 @145355 has 167 MA's), (Start: 62 @145385 has 3 MA's), (68, 145397), (82, 145439), (116, 145502), (Start: 129 @145523 has 1 MA's), (Start: 174 @145607 has 1 MA's), (Start: 203 @145649 has 1 MA's), (207, 145661), (213, 145676), (244, 145745), (257, 145772), (278, 145826), (294, 145871), (295, 145874), (323, 145952), (333, 145973), (381, 146084), (434, 146174), (440, 146192), (493, 146264), (507, 146297),

Gene: EricMillard_49 Start: 42862, Stop: 43734, Start Num: 108

Candidate Starts for EricMillard_49:

(Start: 108 @42862 has 40 MA's), (Start: 122 @42889 has 1 MA's), (153, 42949), (181, 42997), (218, 43063), (228, 43084), (240, 43105), (260, 43159), (292, 43240), (427, 43519), (429, 43522), (453, 43546), (471, 43582), (478, 43597), (483, 43609), (498, 43630),

Gene: Eris_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Eris_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: ErnieJ_246 Start: 142183, Stop: 143211, Start Num: 49

Candidate Starts for ErnieJ_246:

(Start: 49 @142183 has 167 MA's), (Start: 62 @142213 has 3 MA's), (82, 142267), (116, 142330), (Start: 129 @142351 has 1 MA's), (Start: 174 @142435 has 1 MA's), (Start: 203 @142477 has 1 MA's), (207, 142489), (213, 142504), (244, 142573), (257, 142600), (278, 142654), (294, 142699), (295, 142702), (323, 142780), (333, 142801), (381, 142912), (434, 143002), (440, 143020), (493, 143092), (507, 143125),

Gene: Eros_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Eros_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Espresso_10 Start: 6112, Stop: 7080, Start Num: 66

Candidate Starts for Espresso_10:

(Start: 66 @6112 has 202 MA's), (Start: 77 @6145 has 5 MA's), (Start: 86 @6163 has 111 MA's), (Start: 87 @6166 has 14 MA's), (240, 6433), (257, 6484), (263, 6496), (296, 6571), (317, 6634), (333, 6667), (342, 6697), (346, 6715), (353, 6739), (381, 6778), (431, 6859), (440, 6883), (441, 6886), (442, 6889), (463, 6898), (465, 6901), (505, 6985), (527, 7030), (547, 7072),

Gene: Essence_250 Start: 144391, Stop: 145419, Start Num: 49

Candidate Starts for Essence_250:

(Start: 49 @144391 has 167 MA's), (Start: 62 @144421 has 3 MA's), (68, 144433), (82, 144475), (116, 144538), (Start: 129 @144559 has 1 MA's), (Start: 174 @144643 has 1 MA's), (Start: 203 @144685 has 1 MA's), (207, 144697), (213, 144712), (244, 144781), (257, 144808), (278, 144862), (294, 144907), (295, 144910), (323, 144988), (333, 145009), (381, 145120), (434, 145210), (440, 145228), (493, 145300), (507, 145333),

Gene: Estave1_29 Start: 27038, Stop: 28039, Start Num: 55

Candidate Starts for Estave1_29:

(Start: 55 @27038 has 239 MA's), (82, 27113), (95, 27146), (116, 27176), (Start: 129 @27197 has 1 MA's), (Start: 174 @27281 has 1 MA's), (188, 27305), (Start: 203 @27320 has 1 MA's), (207, 27332), (257, 27443), (301, 27557), (307, 27575), (328, 27614), (339, 27638), (346, 27674), (354, 27701), (381, 27740), (440, 27848), (478, 27896), (485, 27908), (505, 27950), (507, 27953), (511, 27965),

(527, 27995),

Gene: Estes_44 Start: 33069, Stop: 34046, Start Num: 84

Candidate Starts for Estes_44:

(Start: 84 @33069 has 68 MA's), (Start: 94 @33096 has 3 MA's), (101, 33114), (124, 33162), (140, 33192), (152, 33219), (169, 33249), (204, 33306), (207, 33315), (229, 33360), (233, 33372), (249, 33402), (257, 33426), (265, 33444), (274, 33471), (292, 33510), (304, 33549), (305, 33552), (352, 33654), (419, 33807), (421, 33810), (424, 33819), (431, 33831), (435, 33840), (442, 33861), (478, 33882), (514, 33957),

Gene: Euphoria_10 Start: 6008, Stop: 6976, Start Num: 66

Candidate Starts for Euphoria_10:

(Start: 66 @6008 has 202 MA's), (Start: 77 @6041 has 5 MA's), (Start: 86 @6059 has 111 MA's), (Start: 87 @6062 has 14 MA's), (Start: 203 @6251 has 1 MA's), (240, 6329), (244, 6347), (257, 6380), (263, 6392), (296, 6467), (317, 6530), (333, 6563), (342, 6593), (346, 6611), (353, 6635), (381, 6674), (431, 6755), (440, 6779), (441, 6782), (442, 6785), (463, 6794), (505, 6881), (527, 6926), (547, 6968),

Gene: Eureka_35 Start: 31841, Stop: 32698, Start Num: 165

Candidate Starts for Eureka_35:

(Start: 165 @31841 has 123 MA's), (185, 31880), (207, 31910), (217, 31931), (233, 31967), (244, 31997), (276, 32072), (296, 32120), (298, 32123), (301, 32147), (302, 32150), (307, 32165), (381, 32336), (435, 32450), (440, 32465), (442, 32471), (478, 32513), (479, 32516), (507, 32570), (539, 32648), (552, 32681),

Gene: Eurydice_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Eurydice_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: EvilGenius_13 Start: 6871, Stop: 7812, Start Num: 104

Candidate Starts for EvilGenius_13:

(Start: 84 @6820 has 68 MA's), (Start: 104 @6871 has 1 MA's), (Start: 106 @6874 has 1 MA's), (131, 6922), (Start: 203 @7048 has 1 MA's), (213, 7075), (241, 7135), (257, 7180), (266, 7204), (311, 7312), (341, 7351), (351, 7399), (357, 7414), (390, 7480), (406, 7522), (491, 7609), (511, 7657), (541, 7723), (564, 7798),

Gene: Ewok_251 Start: 144849, Stop: 145877, Start Num: 49

Candidate Starts for Ewok_251:

(Start: 49 @144849 has 167 MA's), (Start: 62 @144879 has 3 MA's), (68, 144891), (82, 144933), (116, 144996), (Start: 129 @145017 has 1 MA's), (Start: 174 @145101 has 1 MA's), (Start: 203 @145143 has 1 MA's), (207, 145155), (213, 145170), (244, 145239), (257, 145266), (278, 145320), (294, 145365), (295, 145368), (323, 145446), (333, 145467), (381, 145578), (434, 145668), (440, 145686), (493, 145758), (507, 145791),

Gene: Expelliarmus_7 Start: 4838, Stop: 5647, Start Num: 137

Candidate Starts for Expelliarmus_7:

(Start: 137 @4838 has 50 MA's), (182, 4922), (209, 4967), (235, 5027), (259, 5093), (356, 5327), (379, 5366), (391, 5384), (404, 5417), (411, 5435), (456, 5480), (476, 5504), (534, 5633),

Gene: Eyeball_10 Start: 5755, Stop: 6723, Start Num: 66

Candidate Starts for Eyeball_10:

(Start: 66 @5755 has 202 MA's), (Start: 77 @5788 has 5 MA's), (Start: 86 @5806 has 111 MA's), (Start: 87 @5809 has 14 MA's), (240, 6076), (257, 6127), (263, 6139), (296, 6214), (317, 6277), (324, 6289), (333, 6310), (339, 6322), (342, 6340), (346, 6358), (353, 6382), (381, 6421), (431, 6502), (440, 6526), (441, 6529), (442, 6532), (463, 6541), (527, 6673), (547, 6715),

Gene: FairyPath_35 Start: 32053, Stop: 32910, Start Num: 165

Candidate Starts for FairyPath_35:

(Start: 165 @32053 has 123 MA's), (185, 32092), (207, 32122), (217, 32143), (233, 32179), (244, 32209), (276, 32284), (296, 32332), (298, 32335), (301, 32359), (302, 32362), (307, 32377), (381, 32548), (435, 32662), (440, 32677), (442, 32683), (478, 32725), (479, 32728), (507, 32782), (539, 32860), (552, 32893),

Gene: Faith1_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Faith1_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Fajezeel_11 Start: 5830, Stop: 6798, Start Num: 66

Candidate Starts for Fajezeel_11:

(Start: 66 @5830 has 202 MA's), (Start: 77 @5863 has 5 MA's), (Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (240, 6151), (257, 6202), (263, 6214), (296, 6289), (317, 6352), (324, 6364), (333, 6385), (339, 6397), (342, 6415), (346, 6433), (353, 6457), (381, 6496), (431, 6577), (440, 6601), (441, 6604), (442, 6607), (463, 6616), (505, 6703), (547, 6790),

Gene: Fameo_11 Start: 6448, Stop: 7431, Start Num: 84

Candidate Starts for Fameo_11:

(Start: 62 @6406 has 3 MA's), (Start: 84 @6448 has 68 MA's), (95, 6478), (Start: 97 @6481 has 1 MA's), (Start: 104 @6499 has 1 MA's), (Start: 106 @6502 has 1 MA's), (229, 6739), (234, 6751), (257, 6808), (263, 6820), (292, 6886), (342, 6997), (405, 7144), (497, 7237), (511, 7279), (545, 7351), (560, 7405),

Gene: Familton_68 Start: 43425, Stop: 44465, Start Num: 55

Candidate Starts for Familton_68:

(Start: 55 @43425 has 239 MA's), (82, 43500), (116, 43581), (119, 43587), (Start: 129 @43602 has 1 MA's), (172, 43683), (Start: 174 @43686 has 1 MA's), (207, 43740), (213, 43755), (257, 43851), (272, 43890), (284, 43920), (294, 43950), (295, 43953), (302, 43986), (333, 44052), (346, 44100), (354, 44127), (381, 44166), (488, 44340), (511, 44391),

Gene: Fancypants_31 Start: 27528, Stop: 28529, Start Num: 55

Candidate Starts for Fancypants_31:

(35, 27429), (Start: 55 @27528 has 239 MA's), (Start: 62 @27549 has 3 MA's), (68, 27561), (82, 27603), (95, 27636), (116, 27666), (Start: 129 @27687 has 1 MA's), (145, 27717), (149, 27729), (Start: 174 @27771 has 1 MA's), (188, 27795), (Start: 203 @27810 has 1 MA's), (207, 27822), (257, 27933), (295, 28017), (301, 28047), (307, 28065), (328, 28104), (339, 28128), (346, 28164), (354, 28191), (381, 28230), (440, 28338), (478, 28386), (485, 28398), (507, 28443), (511, 28455), (527, 28485),

Gene: Farber_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for Farber_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579),

(410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: FarmResident_26 Start: 25309, Stop: 26331, Start Num: 54

Candidate Starts for FarmResident_26:

(Start: 54 @25309 has 29 MA's), (96, 25420), (121, 25453), (125, 25459), (130, 25465), (182, 25567), (183, 25570), (207, 25609), (217, 25630), (235, 25672), (257, 25729), (301, 25843), (342, 25948), (379, 26029), (380, 26032), (402, 26077), (441, 26140), (463, 26152), (501, 26227), (511, 26254),

Gene: Fascinus_9 Start: 5758, Stop: 6726, Start Num: 66

Candidate Starts for Fascinus_9:

(Start: 66 @5758 has 202 MA's), (Start: 77 @5791 has 5 MA's), (Start: 86 @5809 has 111 MA's), (Start: 87 @5812 has 14 MA's), (240, 6079), (257, 6130), (263, 6142), (296, 6217), (317, 6280), (324, 6292), (333, 6313), (339, 6325), (342, 6343), (346, 6361), (353, 6385), (381, 6424), (431, 6505), (440, 6529), (441, 6532), (442, 6535), (463, 6544), (527, 6676), (547, 6718),

Gene: Fastidio_33 Start: 27836, Stop: 28837, Start Num: 55

Candidate Starts for Fastidio_33:

(Start: 55 @27836 has 239 MA's), (Start: 62 @27857 has 3 MA's), (82, 27911), (95, 27944), (116, 27974), (Start: 129 @27995 has 1 MA's), (Start: 174 @28079 has 1 MA's), (188, 28103), (207, 28130), (213, 28145), (257, 28241), (301, 28355), (307, 28373), (328, 28412), (339, 28436), (346, 28472), (354, 28499), (381, 28538), (410, 28586), (440, 28646), (485, 28706), (505, 28748), (507, 28751), (511, 28763), (527, 28793),

Gene: Fefferhead_30 Start: 26852, Stop: 27589, Start Num: 189

Candidate Starts for Fefferhead_30:

(128, 26741), (Start: 138 @26762 has 3 MA's), (159, 26801), (169, 26822), (Start: 189 @26852 has 154 MA's), (Start: 203 @26864 has 1 MA's), (219, 26897), (234, 26933), (253, 26981), (257, 26990), (271, 27026), (287, 27068), (334, 27176), (342, 27203), (386, 27290), (397, 27308), (405, 27335), (415, 27356), (430, 27380), (474, 27392), (478, 27401), (481, 27410), (507, 27458), (555, 27569), (556, 27578),

Gene: Fenn_10 Start: 5962, Stop: 6930, Start Num: 66

Candidate Starts for Fenn_10:

(Start: 66 @5962 has 202 MA's), (Start: 77 @5995 has 5 MA's), (Start: 86 @6013 has 111 MA's), (Start: 87 @6016 has 14 MA's), (240, 6283), (257, 6334), (263, 6346), (296, 6421), (317, 6484), (333, 6517), (342, 6547), (381, 6628), (431, 6709), (440, 6733), (441, 6736), (442, 6739), (463, 6748), (505, 6835), (547, 6922),

Gene: Fernando_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for Fernando_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Feyre_30 Start: 26964, Stop: 27836, Start Num: 189

Candidate Starts for Feyre_30:

(Start: 189 @26964 has 154 MA's), (Start: 203 @26976 has 1 MA's), (206, 26982), (219, 27009), (231, 27039), (234, 27045), (253, 27099), (257, 27108), (263, 27120), (274, 27153), (287, 27186), (302, 27234), (405, 27456), (413, 27474), (415, 27477), (443, 27537), (447, 27555), (451, 27582), (481, 27654), (496, 27669), (502, 27690), (503, 27693), (511, 27714), (552, 27807), (555, 27816), (557, 27825),

Gene: Filch_36 Start: 31616, Stop: 32473, Start Num: 165

Candidate Starts for Filch_36:

(Start: 165 @31616 has 123 MA's), (185, 31655), (207, 31685), (217, 31706), (233, 31742), (244, 31772), (276, 31847), (296, 31895), (298, 31898), (301, 31922), (302, 31925), (307, 31940), (381, 32111), (435, 32225), (440, 32240), (442, 32246), (478, 32288), (479, 32291), (507, 32345), (539, 32423), (552, 32456),

Gene: Filuzino_31 Start: 27478, Stop: 28476, Start Num: 55

Candidate Starts for Filuzino_31:

(Start: 55 @27478 has 239 MA's), (82, 27553), (116, 27613), (Start: 129 @27634 has 1 MA's), (Start: 174 @27718 has 1 MA's), (207, 27769), (213, 27784), (257, 27880), (300, 27991), (307, 28012), (328, 28051), (333, 28063), (346, 28111), (354, 28138), (366, 28162), (381, 28177), (440, 28285), (478, 28333), (511, 28402), (527, 28432),

Gene: Findley_29 Start: 24799, Stop: 26001, Start Num: 71

Candidate Starts for Findley_29:

(56, 24757), (Start: 71 @24799 has 10 MA's), (80, 24826), (90, 24847), (103, 24883), (111, 24904), (126, 24931), (158, 24991), (178, 25027), (Start: 203 @25060 has 1 MA's), (204, 25063), (219, 25093), (244, 25159), (257, 25198), (292, 25276), (306, 25321), (339, 25378), (342, 25396), (405, 25561), (415, 25582), (428, 25603), (452, 25708), (457, 25723), (478, 25792), (507, 25849), (543, 25930),

Gene: Finemlucis_28 Start: 26525, Stop: 27553, Start Num: 54

Candidate Starts for Finemlucis_28:

(Start: 54 @26525 has 29 MA's), (121, 26669), (198, 26804), (257, 26945), (302, 27062), (305, 27071), (306, 27074), (314, 27089), (342, 27164), (402, 27293), (423, 27320), (440, 27359), (441, 27362), (463, 27374), (493, 27431), (498, 27440), (507, 27464),

Gene: Finnry_28 Start: 26854, Stop: 27897, Start Num: 74

Candidate Starts for Finnry_28:

(Start: 74 @26854 has 17 MA's), (Start: 76 @26860 has 22 MA's), (Start: 87 @26887 has 14 MA's), (Start: 94 @26908 has 3 MA's), (117, 26959), (163, 27040), (223, 27145), (255, 27226), (257, 27232), (299, 27328), (303, 27346), (305, 27352), (307, 27358), (342, 27430), (368, 27487), (372, 27490), (398, 27547), (431, 27622), (439, 27643), (472, 27667), (479, 27682), (486, 27694), (511, 27751), (555, 27853), (559, 27874),

Gene: Fionnbharth_32 Start: 27630, Stop: 28421, Start Num: 173

Candidate Starts for Fionnbharth_32:

(Start: 173 @27630 has 20 MA's), (Start: 203 @27663 has 1 MA's), (219, 27696), (229, 27720), (239, 27741), (253, 27789), (257, 27798), (271, 27834), (304, 27915), (397, 28122), (405, 28149), (408, 28155), (415, 28170), (430, 28194), (479, 28218), (496, 28239), (507, 28272), (511, 28284), (545, 28356),

Gene: FireRed_35 Start: 31886, Stop: 32743, Start Num: 165

Candidate Starts for FireRed_35:

(Start: 165 @31886 has 123 MA's), (185, 31925), (207, 31955), (217, 31976), (233, 32012), (244, 32042), (276, 32117), (296, 32165), (298, 32168), (301, 32192), (302, 32195), (307, 32210), (381, 32381), (428, 32480), (435, 32495), (440, 32510), (442, 32516), (478, 32558), (479, 32561), (507, 32615), (539, 32693), (552, 32726),

Gene: Firecracker_69 Start: 43815, Stop: 44855, Start Num: 55

Candidate Starts for Firecracker_69:

(Start: 55 @43815 has 239 MA's), (82, 43890), (116, 43971), (119, 43977), (Start: 129 @43992 has 1 MA's), (172, 44073), (Start: 174 @44076 has 1 MA's), (207, 44130), (213, 44145), (257, 44241), (272,

44280), (284, 44310), (294, 44340), (295, 44343), (302, 44376), (333, 44442), (344, 44481), (346, 44490), (354, 44517), (381, 44556), (488, 44730), (511, 44781),

Gene: Firehouse51_32 Start: 28314, Stop: 29315, Start Num: 55

Candidate Starts for Firehouse51_32:

(Start: 55 @28314 has 239 MA's), (82, 28389), (95, 28422), (116, 28452), (Start: 129 @28473 has 1 MA's), (145, 28503), (149, 28515), (Start: 174 @28557 has 1 MA's), (188, 28581), (Start: 203 @28596 has 1 MA's), (207, 28608), (213, 28623), (257, 28719), (300, 28830), (307, 28851), (328, 28890), (333, 28902), (346, 28950), (354, 28977), (366, 29001), (381, 29016), (440, 29124), (478, 29172), (511, 29241), (527, 29271),

Gene: FiringLine_11 Start: 6372, Stop: 7364, Start Num: 84

Candidate Starts for FiringLine_11:

(Start: 84 @6372 has 68 MA's), (Start: 104 @6423 has 1 MA's), (Start: 106 @6426 has 1 MA's), (120, 6459), (131, 6474), (200, 6594), (Start: 203 @6600 has 1 MA's), (241, 6687), (257, 6732), (311, 6864), (341, 6903), (351, 6951), (390, 7032), (406, 7074), (491, 7161), (511, 7209), (541, 7275), (564, 7350),

Gene: First_0011 Start: 6443, Stop: 7420, Start Num: 67

Candidate Starts for First_0011:

(Start: 67 @6443 has 52 MA's), (Start: 87 @6497 has 14 MA's), (213, 6686), (229, 6722), (235, 6734), (257, 6791), (271, 6827), (296, 6875), (305, 6914), (340, 6986), (342, 7001), (362, 7064), (389, 7106), (410, 7154), (426, 7181), (434, 7196), (440, 7214), (441, 7217), (474, 7256), (501, 7307), (545, 7406),

Gene: Flabslab_247 Start: 141448, Stop: 142476, Start Num: 49

Candidate Starts for Flabslab_247:

(Start: 49 @141448 has 167 MA's), (Start: 62 @141478 has 3 MA's), (82, 141532), (116, 141595), (Start: 129 @141616 has 1 MA's), (Start: 174 @141700 has 1 MA's), (Start: 203 @141742 has 1 MA's), (207, 141754), (213, 141769), (244, 141838), (257, 141865), (278, 141919), (294, 141964), (295, 141967), (323, 142045), (333, 142066), (381, 142177), (434, 142267), (440, 142285), (493, 142357), (507, 142390),

Gene: Flare16_11 Start: 6484, Stop: 7461, Start Num: 67

Candidate Starts for Flare16_11:

(Start: 67 @6484 has 52 MA's), (Start: 87 @6538 has 14 MA's), (133, 6595), (213, 6727), (221, 6739), (235, 6775), (257, 6832), (271, 6868), (296, 6916), (305, 6955), (340, 7027), (342, 7042), (354, 7087), (362, 7105), (389, 7147), (410, 7195), (426, 7222), (434, 7237), (440, 7255), (441, 7258), (501, 7348),

Gene: Flathead_31 Start: 28105, Stop: 29121, Start Num: 55

Candidate Starts for Flathead_31:

(27, 27874), (28, 27877), (30, 27925), (42, 28060), (44, 28069), (Start: 55 @28105 has 239 MA's), (Start: 107 @28237 has 3 MA's), (116, 28258), (Start: 129 @28279 has 1 MA's), (145, 28309), (149, 28321), (Start: 174 @28363 has 1 MA's), (207, 28414), (213, 28429), (257, 28525), (300, 28636), (307, 28657), (328, 28696), (333, 28708), (346, 28756), (354, 28783), (366, 28807), (381, 28822), (440, 28930), (478, 28978), (511, 29047), (527, 29077),

Gene: Florean_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Florean_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Florinda_31 Start: 27520, Stop: 28521, Start Num: 55

Candidate Starts for Florinda_31:

(Start: 55 @27520 has 239 MA's), (82, 27595), (95, 27628), (116, 27658), (Start: 129 @27679 has 1 MA's), (Start: 174 @27763 has 1 MA's), (188, 27787), (Start: 203 @27802 has 1 MA's), (207, 27814), (257, 27925), (301, 28039), (307, 28057), (328, 28096), (339, 28120), (346, 28156), (354, 28183), (381, 28222), (410, 28270), (440, 28330), (478, 28378), (485, 28390), (507, 28435), (511, 28447), (527, 28477),

Gene: Fludd_252 Start: 143267, Stop: 144295, Start Num: 49

Candidate Starts for Fludd_252:

(Start: 49 @143267 has 167 MA's), (Start: 62 @143297 has 3 MA's), (68, 143309), (82, 143351), (116, 143414), (Start: 129 @143435 has 1 MA's), (Start: 174 @143519 has 1 MA's), (Start: 203 @143561 has 1 MA's), (207, 143573), (213, 143588), (244, 143657), (257, 143684), (278, 143738), (294, 143783), (295, 143786), (323, 143864), (333, 143885), (381, 143996), (434, 144086), (440, 144104), (493, 144176), (507, 144209),

Gene: Flux_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Flux_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: FlyCatcher_14 Start: 7534, Stop: 8301, Start Num: 192

Candidate Starts for FlyCatcher_14:

(160, 7486), (Start: 192 @7534 has 1 MA's), (213, 7570), (257, 7675), (296, 7747), (301, 7774), (305, 7786), (314, 7804), (342, 7873), (362, 7936), (399, 7987), (410, 8014), (426, 8041), (441, 8077), (478, 8125), (501, 8167),

Gene: Flypotenuse_33 Start: 31454, Stop: 32311, Start Num: 165

Candidate Starts for Flypotenuse_33:

(Start: 165 @31454 has 123 MA's), (185, 31493), (207, 31523), (217, 31544), (233, 31580), (244, 31610), (276, 31685), (296, 31733), (298, 31736), (301, 31760), (302, 31763), (307, 31778), (381, 31949), (435, 32063), (440, 32078), (442, 32084), (478, 32126), (479, 32129), (507, 32183), (539, 32261), (552, 32294),

Gene: ForGetIt_8 Start: 5199, Stop: 6008, Start Num: 137

Candidate Starts for ForGetIt_8:

(Start: 137 @5199 has 50 MA's), (169, 5262), (175, 5271), (188, 5292), (209, 5328), (230, 5376), (250, 5433), (261, 5457), (356, 5688), (391, 5745), (534, 5994),

Gene: Forsytheast_9 Start: 6022, Stop: 6990, Start Num: 66

Candidate Starts for Forsytheast_9:

(Start: 66 @6022 has 202 MA's), (Start: 77 @6055 has 5 MA's), (Start: 86 @6073 has 111 MA's), (Start: 87 @6076 has 14 MA's), (240, 6343), (257, 6394), (263, 6406), (296, 6481), (317, 6544), (333, 6577), (339, 6589), (342, 6607), (346, 6625), (353, 6649), (381, 6688), (431, 6769), (440, 6793), (441, 6796), (442, 6799), (463, 6808), (505, 6895), (527, 6940), (547, 6982),

Gene: FoulBall_67 Start: 43419, Stop: 44459, Start Num: 55

Candidate Starts for FoulBall_67:

(Start: 55 @43419 has 239 MA's), (82, 43494), (116, 43575), (119, 43581), (Start: 129 @43596 has 1 MA's), (172, 43677), (Start: 174 @43680 has 1 MA's), (207, 43734), (213, 43749), (257, 43845), (272, 43884), (284, 43914), (294, 43944), (295, 43947), (302, 43980), (333, 44046), (344, 44085), (346, 44094), (354, 44121), (381, 44160), (488, 44334), (511, 44385),

Gene: FoxtrotP1_251 Start: 145941, Stop: 146969, Start Num: 49

Candidate Starts for FoxtrotP1_251:

(Start: 49 @145941 has 167 MA's), (Start: 62 @145971 has 3 MA's), (68, 145983), (82, 146025), (116, 146088), (Start: 129 @146109 has 1 MA's), (Start: 174 @146193 has 1 MA's), (Start: 203 @146235 has 1 MA's), (207, 146247), (213, 146262), (244, 146331), (257, 146358), (278, 146412), (294, 146457), (295, 146460), (323, 146538), (333, 146559), (381, 146670), (434, 146760), (440, 146778), (493, 146850), (507, 146883),

Gene: Francis47_10 Start: 6259, Stop: 7227, Start Num: 66

Candidate Starts for Francis47_10:

(Start: 66 @6259 has 202 MA's), (Start: 77 @6292 has 5 MA's), (Start: 86 @6310 has 111 MA's), (Start: 87 @6313 has 14 MA's), (240, 6580), (257, 6631), (263, 6643), (296, 6718), (317, 6781), (324, 6793), (333, 6814), (339, 6826), (342, 6844), (346, 6862), (381, 6925), (431, 7006), (440, 7030), (441, 7033), (442, 7036), (463, 7045), (505, 7132), (547, 7219),

Gene: Frankie_35 Start: 28662, Stop: 29663, Start Num: 55

Candidate Starts for Frankie_35:

(Start: 55 @28662 has 239 MA's), (82, 28737), (116, 28800), (Start: 129 @28821 has 1 MA's), (Start: 174 @28905 has 1 MA's), (188, 28929), (Start: 203 @28944 has 1 MA's), (207, 28956), (257, 29067), (301, 29181), (307, 29199), (328, 29238), (339, 29262), (346, 29298), (354, 29325), (381, 29364), (410, 29412), (440, 29472), (478, 29520), (485, 29532), (507, 29577), (511, 29589), (527, 29619),

Gene: FrayBell_255 Start: 143398, Stop: 144426, Start Num: 49

Candidate Starts for FrayBell_255:

(Start: 49 @143398 has 167 MA's), (Start: 62 @143428 has 3 MA's), (68, 143440), (82, 143482), (116, 143545), (Start: 129 @143566 has 1 MA's), (Start: 174 @143650 has 1 MA's), (Start: 203 @143692 has 1 MA's), (207, 143704), (213, 143719), (244, 143788), (257, 143815), (278, 143869), (294, 143914), (295, 143917), (323, 143995), (333, 144016), (381, 144127), (434, 144217), (440, 144235), (493, 144307), (507, 144340),

Gene: Fred313_10 Start: 5440, Stop: 6180, Start Num: 189

Candidate Starts for Fred313_10:

(Start: 189 @5440 has 154 MA's), (235, 5527), (257, 5584), (263, 5596), (264, 5599), (272, 5623), (285, 5638), (300, 5686), (302, 5692), (314, 5719), (342, 5788), (368, 5860), (399, 5902), (410, 5929), (426, 5956), (440, 5989), (441, 5992), (474, 6031), (549, 6172),

Gene: FreddyB_31 Start: 27784, Stop: 28785, Start Num: 55

Candidate Starts for FreddyB_31:

(Start: 55 @27784 has 239 MA's), (82, 27859), (95, 27892), (116, 27922), (Start: 129 @27943 has 1 MA's), (145, 27973), (149, 27985), (Start: 174 @28027 has 1 MA's), (188, 28051), (Start: 203 @28066 has 1 MA's), (207, 28078), (257, 28189), (301, 28303), (307, 28321), (328, 28360), (339, 28384), (346, 28420), (381, 28486), (440, 28594), (478, 28642), (485, 28654), (507, 28699), (511, 28711), (527, 28741),

Gene: Froghopper_11 Start: 5734, Stop: 6669, Start Num: 77

Candidate Starts for Froghopper_11:

(Start: 66 @5701 has 202 MA's), (Start: 77 @5734 has 5 MA's), (Start: 86 @5752 has 111 MA's), (Start: 87 @5755 has 14 MA's), (240, 6022), (257, 6073), (263, 6085), (296, 6160), (317, 6223), (324, 6235), (333, 6256), (339, 6268), (342, 6286), (346, 6304), (353, 6328), (381, 6367), (431, 6448), (440, 6472), (441, 6475), (442, 6478), (463, 6487), (505, 6574), (527, 6619), (547, 6661),

Gene: Fruitloop_30 Start: 27672, Stop: 28670, Start Num: 55

Candidate Starts for Fruitloop_30:

(Start: 55 @27672 has 239 MA's), (82, 27747), (116, 27807), (Start: 129 @27828 has 1 MA's), (Start: 174 @27912 has 1 MA's), (207, 27963), (213, 27978), (257, 28074), (296, 28161), (300, 28185), (307, 28206), (328, 28245), (333, 28257), (346, 28305), (354, 28332), (366, 28356), (381, 28371), (440, 28479), (478, 28527), (511, 28596), (527, 28626),

Gene: FudgeTart_248 Start: 144445, Stop: 145473, Start Num: 49

Candidate Starts for FudgeTart_248:

(Start: 49 @144445 has 167 MA's), (Start: 62 @144475 has 3 MA's), (68, 144487), (82, 144529), (116, 144592), (Start: 129 @144613 has 1 MA's), (Start: 174 @144697 has 1 MA's), (Start: 203 @144739 has 1 MA's), (207, 144751), (213, 144766), (244, 144835), (257, 144862), (278, 144916), (294, 144961), (295, 144964), (323, 145042), (333, 145063), (381, 145174), (434, 145264), (440, 145282), (493, 145354), (507, 145387),

Gene: Funsized_52 Start: 45288, Stop: 46286, Start Num: 83

Candidate Starts for Funsized_52:

(Start: 83 @45288 has 4 MA's), (95, 45318), (Start: 104 @45339 has 1 MA's), (Start: 106 @45342 has 1 MA's), (Start: 108 @45348 has 40 MA's), (148, 45429), (179, 45477), (183, 45486), (255, 45642), (257, 45648), (271, 45684), (282, 45711), (297, 45732), (342, 45843), (348, 45873), (381, 45939), (414, 46014), (416, 46017), (511, 46128),

Gene: Funston_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Funston_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Fushigi_10 Start: 5921, Stop: 6889, Start Num: 66

Candidate Starts for Fushigi_10:

(Start: 66 @5921 has 202 MA's), (Start: 77 @5954 has 5 MA's), (Start: 86 @5972 has 111 MA's), (Start: 87 @5975 has 14 MA's), (240, 6242), (257, 6293), (263, 6305), (296, 6380), (328, 6464), (333, 6476), (339, 6488), (342, 6506), (346, 6524), (353, 6548), (381, 6587), (431, 6668), (440, 6692), (441, 6695), (442, 6698), (463, 6707), (505, 6794), (547, 6881),

Gene: GMonster_9 Start: 5627, Stop: 6595, Start Num: 66

Candidate Starts for GMonster_9:

(Start: 66 @5627 has 202 MA's), (Start: 77 @5660 has 5 MA's), (Start: 86 @5678 has 111 MA's), (Start: 87 @5681 has 14 MA's), (240, 5948), (257, 5999), (263, 6011), (296, 6086), (317, 6149), (324, 6161), (333, 6182), (339, 6194), (342, 6212), (346, 6230), (353, 6254), (381, 6293), (431, 6374), (440, 6398), (441, 6401), (442, 6404), (463, 6413), (498, 6479), (505, 6500), (547, 6587),

Gene: GUmbie_31 Start: 27537, Stop: 28538, Start Num: 55

Candidate Starts for GUmbie_31:

(3, 26916), (7, 26994), (9, 27057), (13, 27096), (22, 27249), (25, 27285), (Start: 55 @27537 has 239 MA's), (Start: 62 @27558 has 3 MA's), (68, 27570), (82, 27612), (116, 27675), (Start: 129 @27696 has 1 MA's), (145, 27726), (Start: 174 @27780 has 1 MA's), (188, 27804), (207, 27831), (257, 27942), (301, 28056), (307, 28074), (328, 28113), (339, 28137), (346, 28173), (354, 28200), (381, 28239), (410, 28287), (440, 28347), (485, 28407), (511, 28464), (527, 28494),

Gene: Gabriel_255 Start: 143426, Stop: 144454, Start Num: 49

Candidate Starts for Gabriel_255:

(Start: 49 @143426 has 167 MA's), (Start: 62 @143456 has 3 MA's), (68, 143468), (82, 143510), (116, 143573), (Start: 129 @143594 has 1 MA's), (Start: 174 @143678 has 1 MA's), (Start: 203 @143720 has 1 MA's), (207, 143732), (213, 143747), (244, 143816), (257, 143843), (278, 143897), (294,

143942), (295, 143945), (323, 144023), (333, 144044), (381, 144155), (434, 144245), (440, 144263), (493, 144335), (507, 144368),

Gene: Gabriela_28 Start: 26517, Stop: 27545, Start Num: 54

Candidate Starts for Gabriela_28:

(Start: 54 @26517 has 29 MA's), (125, 26667), (198, 26796), (202, 26805), (257, 26937), (302, 27054), (305, 27063), (306, 27066), (314, 27081), (342, 27156), (345, 27171), (402, 27285), (423, 27312), (436, 27339), (441, 27354), (463, 27366), (498, 27432),

Gene: Gadjet_48 Start: 41547, Stop: 42611, Start Num: 102

Candidate Starts for Gadjet_48:

(Start: 102 @41547 has 45 MA's), (134, 41610), (179, 41691), (212, 41757), (222, 41772), (226, 41784), (237, 41811), (256, 41868), (260, 41877), (323, 42024), (332, 42039), (349, 42093), (366, 42126), (388, 42165), (396, 42177), (432, 42258), (442, 42276), (443, 42279), (478, 42435), (529, 42546), (540, 42567), (553, 42600),

Gene: Gadost_10 Start: 5885, Stop: 6865, Start Num: 86

Candidate Starts for Gadost_10:

(Start: 86 @5885 has 111 MA's), (Start: 87 @5888 has 14 MA's), (95, 5912), (Start: 104 @5933 has 1 MA's), (Start: 106 @5936 has 1 MA's), (234, 6185), (257, 6242), (297, 6326), (300, 6347), (311, 6374), (334, 6404), (342, 6431), (405, 6581), (502, 6692), (507, 6704), (511, 6716), (545, 6782),

Gene: Gage_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for Gage_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: GageAP_11 Start: 6246, Stop: 7214, Start Num: 66

Candidate Starts for GageAP_11:

(Start: 66 @6246 has 202 MA's), (Start: 77 @6279 has 5 MA's), (Start: 86 @6297 has 111 MA's), (Start: 87 @6300 has 14 MA's), (240, 6567), (257, 6618), (263, 6630), (296, 6705), (317, 6768), (324, 6780), (333, 6801), (339, 6813), (342, 6831), (346, 6849), (353, 6873), (381, 6912), (431, 6993), (440, 7017), (441, 7020), (442, 7023), (463, 7032), (505, 7119), (527, 7164), (547, 7206),

Gene: Gaia_34 Start: 30705, Stop: 31589, Start Num: 108

Candidate Starts for Gaia_34:

(Start: 108 @30705 has 40 MA's), (111, 30714), (Start: 122 @30735 has 1 MA's), (195, 30864), (201, 30870), (211, 30900), (218, 30909), (240, 30951), (265, 31020), (330, 31167), (336, 31179), (358, 31236), (369, 31257), (396, 31299), (415, 31350), (427, 31365), (429, 31368), (453, 31392), (478, 31443), (498, 31476), (518, 31527), (545, 31581),

Gene: Galactic_33 Start: 28347, Stop: 29363, Start Num: 55

Candidate Starts for Galactic_33:

(27, 28116), (28, 28119), (30, 28167), (42, 28302), (44, 28311), (Start: 55 @28347 has 239 MA's), (Start: 107 @28479 has 3 MA's), (116, 28500), (Start: 129 @28521 has 1 MA's), (145, 28551), (149, 28563), (Start: 174 @28605 has 1 MA's), (207, 28656), (213, 28671), (257, 28767), (300, 28878), (307, 28899), (328, 28938), (333, 28950), (346, 28998), (354, 29025), (366, 29049), (381, 29064), (440, 29172), (478, 29220), (511, 29289), (527, 29319),

Gene: Gamgam_254 Start: 143783, Stop: 144811, Start Num: 49

Candidate Starts for Gamgam_254:

(Start: 49 @143783 has 167 MA's), (Start: 62 @143813 has 3 MA's), (68, 143825), (82, 143867), (116, 143930), (Start: 129 @143951 has 1 MA's), (Start: 174 @144035 has 1 MA's), (Start: 203 @144077 has 1 MA's), (207, 144089), (213, 144104), (244, 144173), (257, 144200), (278, 144254), (294, 144299), (295, 144302), (323, 144380), (333, 144401), (381, 144512), (434, 144602), (440, 144620), (493, 144692), (507, 144725),

Gene: Gandalf20_11 Start: 6816, Stop: 7784, Start Num: 66

Candidate Starts for Gandalf20_11:

(Start: 66 @6816 has 202 MA's), (Start: 77 @6849 has 5 MA's), (Start: 86 @6867 has 111 MA's), (Start: 87 @6870 has 14 MA's), (240, 7137), (257, 7188), (263, 7200), (296, 7275), (317, 7338), (324, 7350), (333, 7371), (339, 7383), (342, 7401), (346, 7419), (353, 7443), (381, 7482), (431, 7563), (440, 7587), (441, 7590), (442, 7593), (463, 7602), (505, 7689), (527, 7734), (547, 7776),

Gene: Gandalph_32 Start: 27860, Stop: 28861, Start Num: 55

Candidate Starts for Gandalph_32:

(Start: 55 @27860 has 239 MA's), (Start: 62 @27881 has 3 MA's), (68, 27893), (82, 27935), (116, 27998), (Start: 129 @28019 has 1 MA's), (145, 28049), (Start: 174 @28103 has 1 MA's), (188, 28127), (207, 28154), (257, 28265), (301, 28379), (307, 28397), (328, 28436), (339, 28460), (346, 28496), (354, 28523), (381, 28562), (440, 28670), (478, 28718), (511, 28787), (527, 28817),

Gene: Ganymede_32 Start: 26474, Stop: 27346, Start Num: 189

Candidate Starts for Ganymede_32:

(169, 26447), (Start: 189 @26474 has 154 MA's), (Start: 203 @26486 has 1 MA's), (234, 26555), (244, 26582), (253, 26612), (257, 26621), (271, 26657), (274, 26666), (287, 26699), (294, 26717), (302, 26747), (334, 26807), (397, 26942), (405, 26969), (415, 26990), (430, 27014), (447, 27065), (481, 27167), (502, 27203), (511, 27227), (555, 27326), (557, 27335),

Gene: Gardann_28 Start: 26305, Stop: 27276, Start Num: 76

Candidate Starts for Gardann_28:

(Start: 76 @26305 has 22 MA's), (Start: 97 @26359 has 1 MA's), (154, 26479), (172, 26509), (180, 26524), (Start: 203 @26557 has 1 MA's), (204, 26560), (207, 26569), (219, 26590), (244, 26653), (257, 26680), (266, 26704), (279, 26734), (301, 26785), (305, 26797), (340, 26860), (342, 26875), (361, 26935), (370, 26950), (405, 27031), (413, 27049), (415, 27052), (420, 27055), (484, 27106), (507, 27151), (525, 27193), (547, 27235),

Gene: GardenSalsa_43 Start: 32893, Stop: 33870, Start Num: 84

Candidate Starts for GardenSalsa_43:

(Start: 84 @32893 has 68 MA's), (Start: 94 @32920 has 3 MA's), (152, 33043), (169, 33073), (204, 33130), (207, 33139), (229, 33184), (233, 33196), (249, 33226), (257, 33250), (265, 33268), (274, 33295), (292, 33334), (304, 33373), (305, 33376), (345, 33463), (352, 33478), (419, 33631), (421, 33634), (424, 33643), (431, 33655), (435, 33664), (442, 33685), (478, 33706), (514, 33781),

Gene: Gator_33 Start: 31466, Stop: 32323, Start Num: 165

Candidate Starts for Gator_33:

(Start: 165 @31466 has 123 MA's), (185, 31505), (207, 31535), (217, 31556), (233, 31592), (244, 31622), (276, 31697), (296, 31745), (298, 31748), (301, 31772), (302, 31775), (307, 31790), (381, 31961), (435, 32075), (440, 32090), (442, 32096), (478, 32138), (479, 32141), (507, 32195), (539, 32273), (552, 32306),

Gene: GaugeLDP_13 Start: 7785, Stop: 8762, Start Num: 84

Candidate Starts for GaugeLDP_13:

(Start: 84 @7785 has 68 MA's), (95, 7815), (Start: 104 @7836 has 1 MA's), (Start: 106 @7839 has 1 MA's), (120, 7872), (179, 7974), (195, 7998), (229, 8076), (234, 8088), (257, 8145), (263, 8157), (308,

8274), (342, 8334), (376, 8418), (405, 8481), (511, 8616), (545, 8682), (560, 8736),

Gene: Gemini_38 Start: 32365, Stop: 33222, Start Num: 165

Candidate Starts for Gemini_38:

(Start: 165 @32365 has 123 MA's), (185, 32404), (207, 32434), (217, 32455), (233, 32491), (244, 32521), (276, 32596), (296, 32644), (298, 32647), (301, 32671), (302, 32674), (307, 32689), (381, 32860), (435, 32974), (440, 32989), (442, 32995), (478, 33037), (479, 33040), (507, 33094), (539, 33172), (552, 33205),

Gene: Gemma_12 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Gemma_12:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: GenevaB15_43 Start: 32938, Stop: 33918, Start Num: 84

Candidate Starts for GenevaB15_43:

(Start: 84 @32938 has 68 MA's), (Start: 94 @32965 has 3 MA's), (140, 33061), (152, 33088), (169, 33118), (204, 33175), (207, 33184), (257, 33295), (304, 33418), (305, 33421), (345, 33511), (352, 33526), (419, 33679), (421, 33682), (424, 33691), (431, 33703), (435, 33712), (442, 33733), (478, 33754), (514, 33829),

Gene: Gengar_30 Start: 27074, Stop: 27946, Start Num: 189

Candidate Starts for Gengar_30:

(Start: 189 @27074 has 154 MA's), (Start: 203 @27086 has 1 MA's), (206, 27092), (219, 27119), (231, 27149), (234, 27155), (253, 27209), (257, 27218), (263, 27230), (274, 27263), (287, 27296), (302, 27344), (405, 27566), (413, 27584), (415, 27587), (443, 27647), (447, 27665), (451, 27692), (481, 27764), (496, 27779), (502, 27800), (503, 27803), (511, 27824), (552, 27917), (555, 27926), (557, 27935),

Gene: George_7 Start: 5355, Stop: 6164, Start Num: 137

Candidate Starts for George_7:

(Start: 137 @5355 has 50 MA's), (169, 5418), (175, 5427), (209, 5484), (230, 5532), (261, 5613), (343, 5802), (356, 5844), (391, 5901), (407, 5943), (534, 6150),

Gene: Georgie2_12 Start: 6373, Stop: 7365, Start Num: 84

Candidate Starts for Georgie2_12:

(Start: 84 @6373 has 68 MA's), (Start: 104 @6424 has 1 MA's), (Start: 106 @6427 has 1 MA's), (120, 6460), (131, 6475), (200, 6595), (Start: 203 @6601 has 1 MA's), (241, 6688), (257, 6733), (311, 6865), (341, 6904), (351, 6952), (390, 7033), (406, 7075), (491, 7162), (511, 7210), (541, 7276), (564, 7351),

Gene: Geraldini_31 Start: 26471, Stop: 27343, Start Num: 189

Candidate Starts for Geraldini_31:

(169, 26444), (Start: 189 @26471 has 154 MA's), (Start: 203 @26483 has 1 MA's), (234, 26552), (244, 26579), (253, 26609), (257, 26618), (271, 26654), (274, 26663), (287, 26696), (294, 26714), (302, 26744), (334, 26804), (397, 26939), (405, 26966), (415, 26987), (430, 27011), (447, 27062), (481, 27164), (502, 27200), (511, 27224), (555, 27323), (557, 27332),

Gene: Geralt_31 Start: 27520, Stop: 28521, Start Num: 55

Candidate Starts for Geralt_31:

(35, 27421), (Start: 55 @27520 has 239 MA's), (Start: 62 @27541 has 3 MA's), (68, 27553), (82, 27595), (116, 27658), (Start: 129 @27679 has 1 MA's), (Start: 174 @27763 has 1 MA's), (188, 27787), (Start: 203 @27802 has 1 MA's), (207, 27814), (257, 27925), (301, 28039), (307, 28057), (328,

28096), (339, 28120), (346, 28156), (354, 28183), (381, 28222), (410, 28270), (440, 28330), (478, 28378), (485, 28390), (507, 28435), (511, 28447),

Gene: Gervas_47 Start: 41514, Stop: 42578, Start Num: 102

Candidate Starts for Gervas_47:

(Start: 102 @41514 has 45 MA's), (134, 41577), (179, 41658), (212, 41724), (222, 41739), (226, 41751), (237, 41778), (256, 41835), (260, 41844), (323, 41991), (332, 42006), (349, 42060), (366, 42093), (388, 42132), (396, 42144), (432, 42225), (442, 42243), (443, 42246), (448, 42291), (478, 42402), (529, 42513), (540, 42534), (553, 42567),

Gene: Ghost_252 Start: 144407, Stop: 145435, Start Num: 49

Candidate Starts for Ghost_252:

(Start: 49 @144407 has 167 MA's), (Start: 62 @144437 has 3 MA's), (68, 144449), (82, 144491), (116, 144554), (Start: 129 @144575 has 1 MA's), (Start: 174 @144659 has 1 MA's), (Start: 203 @144701 has 1 MA's), (207, 144713), (213, 144728), (244, 144797), (257, 144824), (278, 144878), (294, 144923), (295, 144926), (323, 145004), (333, 145025), (381, 145136), (434, 145226), (440, 145244), (493, 145316), (507, 145349),

Gene: Ghoulboy_8 Start: 5432, Stop: 6241, Start Num: 137

Candidate Starts for Ghoulboy_8:

(Start: 137 @5432 has 50 MA's), (169, 5495), (175, 5504), (209, 5561), (230, 5609), (250, 5666), (261, 5690), (343, 5879), (356, 5921), (391, 5978), (534, 6227),

Gene: GigiOuiOui_31 Start: 27649, Stop: 28650, Start Num: 55

Candidate Starts for GigiOuiOui_31:

(3, 27028), (7, 27106), (9, 27169), (13, 27208), (22, 27361), (25, 27397), (Start: 55 @27649 has 239 MA's), (Start: 62 @27670 has 3 MA's), (68, 27682), (82, 27724), (116, 27787), (Start: 129 @27808 has 1 MA's), (145, 27838), (Start: 174 @27892 has 1 MA's), (188, 27916), (207, 27943), (257, 28054), (301, 28168), (307, 28186), (328, 28225), (339, 28249), (346, 28285), (354, 28312), (381, 28351), (410, 28399), (440, 28459), (485, 28519), (511, 28576), (527, 28606),

Gene: GingkoMaracino_12 Start: 5848, Stop: 6813, Start Num: 59

Candidate Starts for GingkoMaracino_12:

(Start: 59 @5848 has 93 MA's), (63, 5860), (78, 5893), (Start: 87 @5914 has 14 MA's), (213, 6124), (257, 6229), (300, 6325), (305, 6340), (314, 6358), (338, 6406), (339, 6409), (340, 6412), (342, 6427), (379, 6511), (410, 6568), (441, 6631), (474, 6670), (545, 6802),

Gene: Girafales_32 Start: 27328, Stop: 28329, Start Num: 55

Candidate Starts for Girafales_32:

(Start: 55 @27328 has 239 MA's), (82, 27403), (95, 27436), (116, 27466), (Start: 129 @27487 has 1 MA's), (Start: 174 @27571 has 1 MA's), (188, 27595), (Start: 203 @27610 has 1 MA's), (207, 27622), (257, 27733), (301, 27847), (307, 27865), (328, 27904), (339, 27928), (346, 27964), (354, 27991), (381, 28030), (410, 28078), (440, 28138), (478, 28186), (485, 28198), (507, 28243), (511, 28255), (527, 28285),

Gene: Giroux_10 Start: 5739, Stop: 6479, Start Num: 189

Candidate Starts for Giroux_10:

(98, 5622), (Start: 189 @5739 has 154 MA's), (235, 5826), (257, 5883), (263, 5895), (264, 5898), (272, 5922), (285, 5937), (290, 5955), (300, 5985), (302, 5991), (305, 6000), (314, 6018), (339, 6069), (342, 6087), (368, 6159), (399, 6201), (410, 6228), (426, 6255), (440, 6288), (441, 6291), (474, 6330), (549, 6471),

Gene: Girr_33 Start: 28455, Stop: 29525, Start Num: 113

Candidate Starts for Girr_33:

(91, 28404), (Start: 113 @28455 has 21 MA's), (124, 28476), (Start: 129 @28482 has 1 MA's), (143, 28509), (146, 28518), (179, 28578), (195, 28605), (226, 28671), (245, 28725), (260, 28767), (278, 28818), (308, 28902), (323, 28932), (337, 28965), (358, 29040), (369, 29061), (432, 29190), (448, 29262), (472, 29358), (478, 29370), (511, 29439), (537, 29496), (542, 29505),

Gene: Gizmo_258 Start: 147272, Stop: 148300, Start Num: 49

Candidate Starts for Gizmo_258:

(Start: 49 @147272 has 167 MA's), (Start: 62 @147302 has 3 MA's), (68, 147314), (82, 147356), (116, 147419), (Start: 129 @147440 has 1 MA's), (Start: 174 @147524 has 1 MA's), (Start: 203 @147566 has 1 MA's), (207, 147578), (213, 147593), (244, 147662), (257, 147689), (278, 147743), (294, 147788), (295, 147791), (323, 147869), (333, 147890), (381, 148001), (434, 148091), (440, 148109), (493, 148181), (507, 148214),

Gene: Glaske16_39 Start: 31793, Stop: 32764, Start Num: 85

Candidate Starts for Glaske16_39:

(Start: 85 @31793 has 13 MA's), (Start: 94 @31817 has 3 MA's), (100, 31832), (169, 31970), (186, 31997), (Start: 197 @32015 has 16 MA's), (204, 32027), (207, 32036), (229, 32081), (233, 32093), (248, 32120), (257, 32147), (263, 32159), (280, 32204), (292, 32231), (301, 32261), (304, 32270), (305, 32273), (345, 32360), (352, 32375), (419, 32528), (421, 32531), (472, 32591), (478, 32603), (481, 32612), (502, 32648), (508, 32663), (538, 32702), (552, 32735),

Gene: GlenHope_48 Start: 41527, Stop: 42591, Start Num: 102

Candidate Starts for GlenHope_48:

(Start: 102 @41527 has 45 MA's), (134, 41590), (179, 41671), (212, 41737), (222, 41752), (226, 41764), (237, 41791), (256, 41848), (260, 41857), (323, 42004), (332, 42019), (349, 42073), (366, 42106), (388, 42145), (396, 42157), (432, 42238), (442, 42256), (443, 42259), (478, 42415), (529, 42526), (540, 42547), (553, 42580),

Gene: Glexan_33 Start: 31454, Stop: 32311, Start Num: 165

Candidate Starts for Glexan_33:

(Start: 165 @31454 has 123 MA's), (185, 31493), (207, 31523), (217, 31544), (233, 31580), (244, 31610), (276, 31685), (296, 31733), (298, 31736), (301, 31760), (302, 31763), (307, 31778), (381, 31949), (435, 32063), (440, 32078), (442, 32084), (478, 32126), (479, 32129), (507, 32183), (539, 32261), (552, 32294),

Gene: Goku_35 Start: 31570, Stop: 32427, Start Num: 165

Candidate Starts for Goku_35:

(Start: 165 @31570 has 123 MA's), (185, 31609), (207, 31639), (217, 31660), (233, 31696), (244, 31726), (276, 31801), (296, 31849), (298, 31852), (301, 31876), (302, 31879), (307, 31894), (381, 32065), (435, 32179), (440, 32194), (442, 32200), (478, 32242), (479, 32245), (507, 32299), (539, 32377), (552, 32410),

Gene: GoldenSpark_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for GoldenSpark_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: Goldilocks_36 Start: 31268, Stop: 32125, Start Num: 165

Candidate Starts for Goldilocks_36:

(Start: 165 @31268 has 123 MA's), (185, 31307), (207, 31337), (217, 31358), (233, 31394), (244, 31424), (276, 31499), (296, 31547), (298, 31550), (301, 31574), (302, 31577), (307, 31592), (381, 31763), (435, 31877), (440, 31892), (442, 31898), (478, 31940), (479, 31943), (507, 31997), (539, 32075), (552, 32108),

Gene: Gompeii16_10 Start: 6219, Stop: 7187, Start Num: 66

Candidate Starts for Gompeii16_10:

(Start: 66 @6219 has 202 MA's), (Start: 77 @6252 has 5 MA's), (Start: 86 @6270 has 111 MA's), (Start: 87 @6273 has 14 MA's), (240, 6540), (257, 6591), (263, 6603), (296, 6678), (317, 6741), (333, 6774), (339, 6786), (342, 6804), (346, 6822), (353, 6846), (381, 6885), (431, 6966), (440, 6990), (441, 6993), (442, 6996), (463, 7005), (505, 7092), (547, 7179),

Gene: Gonephishing_50 Start: 40364, Stop: 41368, Start Num: 73

Candidate Starts for Gonephishing_50:

(Start: 73 @40364 has 10 MA's), (92, 40418), (115, 40469), (157, 40541), (207, 40616), (257, 40730), (263, 40742), (274, 40775), (301, 40844), (305, 40856), (310, 40868), (312, 40871), (339, 40916), (342, 40934), (405, 41096), (412, 41111), (417, 41120), (552, 41321),

Gene: GooberAzure_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for GooberAzure_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: Goose_10 Start: 5711, Stop: 6685, Start Num: 67

Candidate Starts for Goose_10:

(53, 5672), (Start: 67 @5711 has 52 MA's), (Start: 87 @5765 has 14 MA's), (176, 5918), (257, 6080), (264, 6095), (296, 6164), (300, 6188), (302, 6194), (305, 6203), (339, 6272), (342, 6290), (354, 6335), (362, 6353), (410, 6431), (426, 6458), (434, 6473), (441, 6494), (501, 6584), (517, 6626), (550, 6677),

Gene: Gorge_31 Start: 27751, Stop: 28752, Start Num: 55

Candidate Starts for Gorge_31:

(Start: 55 @27751 has 239 MA's), (82, 27826), (95, 27859), (116, 27889), (Start: 129 @27910 has 1 MA's), (145, 27940), (149, 27952), (Start: 174 @27994 has 1 MA's), (188, 28018), (Start: 203 @28033 has 1 MA's), (207, 28045), (257, 28156), (301, 28270), (307, 28288), (328, 28327), (339, 28351), (346, 28387), (381, 28453), (440, 28561), (478, 28609), (485, 28621), (507, 28666), (511, 28678), (527, 28708),

Gene: Graduation_12 Start: 6781, Stop: 7749, Start Num: 66

Candidate Starts for Graduation_12:

(Start: 66 @6781 has 202 MA's), (Start: 77 @6814 has 5 MA's), (Start: 86 @6832 has 111 MA's), (Start: 87 @6835 has 14 MA's), (240, 7102), (257, 7153), (263, 7165), (296, 7240), (317, 7303), (333, 7336), (339, 7348), (342, 7366), (346, 7384), (381, 7447), (431, 7528), (440, 7552), (441, 7555), (442, 7558), (463, 7567), (505, 7654), (527, 7699), (547, 7741),

Gene: Grasshills_259 Start: 146393, Stop: 147421, Start Num: 49

Candidate Starts for Grasshills_259:

(Start: 49 @146393 has 167 MA's), (Start: 62 @146423 has 3 MA's), (68, 146435), (82, 146477), (116, 146540), (Start: 129 @146561 has 1 MA's), (Start: 174 @146645 has 1 MA's), (Start: 203 @146687 has 1 MA's), (207, 146699), (213, 146714), (244, 146783), (257, 146810), (278, 146864), (294, 146909), (295, 146912), (323, 146990), (333, 147011), (381, 147122), (434, 147212), (440, 147230), (493, 147302), (507, 147335),

Gene: GrecoEtereo_11 Start: 6325, Stop: 7287, Start Num: 66

Candidate Starts for GrecoEtereo_11:

(Start: 66 @6325 has 202 MA's), (Start: 77 @6358 has 5 MA's), (Start: 86 @6376 has 111 MA's), (Start: 87 @6379 has 14 MA's), (207, 6580), (240, 6646), (257, 6691), (298, 6781), (328, 6862), (333, 6874), (339, 6886), (342, 6904), (346, 6922), (353, 6946), (381, 6985), (431, 7066), (440, 7090), (441, 7093), (442, 7096), (463, 7105), (505, 7192), (527, 7237), (547, 7279),

Gene: Greg_11 Start: 5830, Stop: 6798, Start Num: 66

Candidate Starts for Greg_11:

(Start: 66 @5830 has 202 MA's), (Start: 77 @5863 has 5 MA's), (Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (240, 6151), (257, 6202), (263, 6214), (296, 6289), (317, 6352), (324, 6364), (333, 6385), (339, 6397), (342, 6415), (346, 6433), (353, 6457), (381, 6496), (431, 6577), (440, 6601), (441, 6604), (442, 6607), (463, 6616), (505, 6703), (547, 6790),

Gene: Grif_12 Start: 6045, Stop: 7010, Start Num: 59

Candidate Starts for Grif_12:

(Start: 59 @6045 has 93 MA's), (78, 6090), (Start: 87 @6111 has 14 MA's), (158, 6231), (235, 6369), (257, 6426), (264, 6441), (300, 6522), (305, 6537), (314, 6555), (339, 6606), (342, 6624), (354, 6669), (410, 6765), (441, 6828), (474, 6867), (501, 6918),

Gene: Groundhog_7 Start: 4839, Stop: 5648, Start Num: 137

Candidate Starts for Groundhog_7:

(Start: 137 @4839 has 50 MA's), (182, 4923), (209, 4968), (235, 5028), (259, 5094), (356, 5328), (379, 5367), (391, 5385), (404, 5418), (411, 5436), (456, 5481), (476, 5505), (534, 5634),

Gene: Groupthink_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Groupthink_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: Grub_12 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for Grub_12:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: Grum1_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for Grum1_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579), (410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: Grungle_234 Start: 141672, Stop: 142700, Start Num: 49

Candidate Starts for Grungle_234:

(Start: 49 @141672 has 167 MA's), (Start: 62 @141702 has 3 MA's), (68, 141714), (82, 141756), (116, 141819), (Start: 129 @141840 has 1 MA's), (Start: 174 @141924 has 1 MA's), (Start: 203 @141966 has 1 MA's), (207, 141978), (213, 141993), (244, 142062), (257, 142089), (278, 142143), (294, 142188), (295, 142191), (323, 142269), (333, 142290), (381, 142401), (434, 142491), (440, 142509), (493, 142581), (507, 142614),

Gene: GtownJaz_12 Start: 5963, Stop: 6928, Start Num: 59

Candidate Starts for GtownJaz_12:

(Start: 59 @5963 has 93 MA's), (78, 6008), (Start: 87 @6029 has 14 MA's), (158, 6149), (235, 6287), (257, 6344), (264, 6359), (300, 6440), (305, 6455), (314, 6473), (339, 6524), (342, 6542), (354, 6587), (410, 6683), (441, 6746), (474, 6785), (501, 6836),

Gene: Guanica15_31 Start: 25719, Stop: 26588, Start Num: 189

Candidate Starts for Guanica15_31:

(159, 25671), (169, 25692), (Start: 189 @25719 has 154 MA's), (Start: 203 @25731 has 1 MA's), (215, 25758), (219, 25764), (231, 25794), (234, 25800), (257, 25863), (271, 25899), (274, 25908), (287, 25941), (302, 25989), (339, 26058), (405, 26211), (415, 26232), (430, 26256), (437, 26274), (444, 26295), (451, 26334), (481, 26409), (502, 26445), (543, 26538), (555, 26568), (557, 26577),

Gene: Guillsminger_30 Start: 27046, Stop: 27918, Start Num: 189

Candidate Starts for Guillsminger_30:

(Start: 189 @27046 has 154 MA's), (Start: 203 @27058 has 1 MA's), (206, 27064), (219, 27091), (231, 27121), (234, 27127), (253, 27181), (257, 27190), (263, 27202), (274, 27235), (287, 27268), (302, 27316), (339, 27385), (405, 27538), (413, 27556), (415, 27559), (443, 27619), (447, 27637), (451, 27664), (481, 27736), (502, 27772), (503, 27775), (511, 27796), (536, 27853), (552, 27889), (555, 27898), (557, 27907),

Gene: Guppsters_33 Start: 28042, Stop: 29043, Start Num: 55

Candidate Starts for Guppsters_33:

(Start: 55 @28042 has 239 MA's), (82, 28117), (95, 28150), (116, 28180), (Start: 129 @28201 has 1 MA's), (Start: 174 @28285 has 1 MA's), (207, 28336), (213, 28351), (257, 28447), (300, 28558), (307, 28579), (328, 28618), (333, 28630), (346, 28678), (354, 28705), (366, 28729), (381, 28744), (440, 28852), (478, 28900), (511, 28969), (527, 28999),

Gene: GuuelaD_28 Start: 26337, Stop: 27308, Start Num: 76

Candidate Starts for GuuelaD_28:

(Start: 76 @26337 has 22 MA's), (Start: 97 @26391 has 1 MA's), (154, 26511), (172, 26541), (180, 26556), (Start: 203 @26589 has 1 MA's), (204, 26592), (207, 26601), (219, 26622), (244, 26685), (257, 26712), (266, 26736), (279, 26766), (301, 26817), (305, 26829), (340, 26892), (342, 26907), (361, 26967), (370, 26982), (405, 27063), (413, 27081), (415, 27084), (420, 27087), (484, 27138), (507, 27183), (525, 27225), (547, 27267),

Gene: Guwapp_248 Start: 143241, Stop: 144269, Start Num: 49

Candidate Starts for Guwapp_248:

(Start: 49 @143241 has 167 MA's), (Start: 62 @143271 has 3 MA's), (68, 143283), (82, 143325), (116, 143388), (Start: 129 @143409 has 1 MA's), (Start: 174 @143493 has 1 MA's), (Start: 203 @143535 has 1 MA's), (207, 143547), (213, 143562), (244, 143631), (257, 143658), (278, 143712), (294, 143757), (295, 143760), (323, 143838), (333, 143859), (381, 143970), (434, 144060), (440, 144078), (493, 144150), (507, 144183),

Gene: Gwendoluna_11 Start: 6701, Stop: 7669, Start Num: 66

Candidate Starts for Gwendoluna_11:

(Start: 66 @6701 has 202 MA's), (Start: 77 @6734 has 5 MA's), (Start: 86 @6752 has 111 MA's), (Start: 87 @6755 has 14 MA's), (240, 7022), (257, 7073), (263, 7085), (296, 7160), (317, 7223), (324, 7235), (333, 7256), (339, 7268), (342, 7286), (346, 7304), (353, 7328), (381, 7367), (431, 7448), (440, 7472), (441, 7475), (442, 7478), (463, 7487), (505, 7574),

Gene: Gyzlar_11 Start: 6460, Stop: 7428, Start Num: 66

Candidate Starts for Gyzlar_11:

(Start: 66 @6460 has 202 MA's), (Start: 77 @6493 has 5 MA's), (Start: 86 @6511 has 111 MA's), (Start: 87 @6514 has 14 MA's), (240, 6781), (257, 6832), (263, 6844), (296, 6919), (317, 6982), (324, 6994), (333, 7015), (339, 7027), (342, 7045), (346, 7063), (353, 7087), (381, 7126), (431, 7207), (440, 7231), (441, 7234), (442, 7237), (463, 7246), (505, 7333), (527, 7378), (547, 7420),

Gene: HINdeR_10 Start: 7162, Stop: 8142, Start Num: 67

Candidate Starts for HINdeR_10:

(Start: 67 @7162 has 52 MA's), (Start: 87 @7216 has 14 MA's), (120, 7270), (141, 7303), (160, 7339), (213, 7438), (257, 7543), (296, 7615), (301, 7642), (314, 7672), (342, 7741), (362, 7804), (410, 7882), (426, 7909), (434, 7924), (441, 7945), (478, 7993), (501, 8035), (528, 8101),

Gene: Hades_32 Start: 27853, Stop: 28854, Start Num: 55

Candidate Starts for Hades_32:

(2, 27232), (6, 27310), (8, 27373), (12, 27412), (17, 27544), (22, 27565), (25, 27601), (35, 27754), (47, 27826), (Start: 55 @27853 has 239 MA's), (82, 27928), (95, 27961), (116, 27991), (Start: 129 @28012 has 1 MA's), (Start: 174 @28096 has 1 MA's), (188, 28120), (Start: 203 @28135 has 1 MA's), (207, 28147), (257, 28258), (301, 28372), (307, 28390), (328, 28429), (339, 28453), (346, 28489), (354, 28516), (381, 28555), (410, 28603), (440, 28663), (485, 28723), (511, 28780), (527, 28810),

Gene: Hafay_28 Start: 26336, Stop: 27307, Start Num: 76

Candidate Starts for Hafay_28:

(Start: 76 @26336 has 22 MA's), (Start: 97 @26390 has 1 MA's), (154, 26510), (172, 26540), (180, 26555), (Start: 203 @26588 has 1 MA's), (204, 26591), (207, 26600), (219, 26621), (244, 26684), (257, 26711), (266, 26735), (279, 26765), (301, 26816), (305, 26828), (340, 26891), (342, 26906), (361, 26966), (370, 26981), (405, 27062), (413, 27080), (415, 27083), (420, 27086), (484, 27137), (507, 27182), (525, 27224), (547, 27266),

Gene: Halena_26 Start: 25558, Stop: 26589, Start Num: 54

Candidate Starts for Halena_26:

(Start: 54 @25558 has 29 MA's), (127, 25711), (130, 25714), (141, 25738), (147, 25750), (155, 25768), (166, 25786), (176, 25804), (179, 25810), (183, 25819), (204, 25849), (235, 25921), (257, 25978), (272, 26017), (302, 26095), (305, 26104), (306, 26107), (314, 26122), (338, 26176), (342, 26197), (345, 26212), (387, 26296), (402, 26326), (441, 26395), (463, 26407), (474, 26431), (481, 26449), (485, 26452), (493, 26464), (495, 26467), (507, 26497), (511, 26509),

Gene: Halfpint_46 Start: 41352, Stop: 42416, Start Num: 102

Candidate Starts for Halfpint_46:

(Start: 102 @41352 has 45 MA's), (134, 41415), (179, 41496), (212, 41562), (222, 41577), (226, 41589), (237, 41616), (256, 41673), (260, 41682), (323, 41829), (332, 41844), (349, 41898), (366, 41931), (388, 41970), (396, 41982), (432, 42063), (442, 42081), (443, 42084), (448, 42129), (478, 42240), (529, 42351), (540, 42372), (553, 42405),

Gene: Halldule_244 Start: 142854, Stop: 143882, Start Num: 49

Candidate Starts for Halldule_244:

(Start: 49 @142854 has 167 MA's), (Start: 62 @142884 has 3 MA's), (68, 142896), (82, 142938), (116, 143001), (Start: 129 @143022 has 1 MA's), (Start: 174 @143106 has 1 MA's), (Start: 203 @143148 has 1 MA's), (207, 143160), (213, 143175), (244, 143244), (257, 143271), (278, 143325), (294, 143370), (295, 143373), (323, 143451), (333, 143472), (381, 143583), (434, 143673), (440, 143691), (493, 143763), (507, 143796),

Gene: Halley_49 Start: 42575, Stop: 43447, Start Num: 108

Candidate Starts for Halley_49:

(Start: 108 @42575 has 40 MA's), (Start: 122 @42602 has 1 MA's), (153, 42662), (181, 42710), (218, 42776), (228, 42797), (240, 42818), (260, 42872), (292, 42953), (427, 43232), (429, 43235), (453, 43259), (471, 43295), (478, 43310), (483, 43322), (498, 43343),

Gene: HamSlice_9 Start: 5885, Stop: 6862, Start Num: 87

Candidate Starts for HamSlice_9:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Hami1_11 Start: 6230, Stop: 7198, Start Num: 66

Candidate Starts for Hami1_11:

(Start: 66 @6230 has 202 MA's), (Start: 77 @6263 has 5 MA's), (Start: 86 @6281 has 111 MA's), (Start: 87 @6284 has 14 MA's), (240, 6551), (257, 6602), (263, 6614), (296, 6689), (317, 6752), (324, 6764), (333, 6785), (339, 6797), (342, 6815), (346, 6833), (381, 6896), (431, 6977), (440, 7001), (441, 7004), (442, 7007), (463, 7016), (465, 7019), (527, 7148), (547, 7190),

Gene: Hammy_30 Start: 26882, Stop: 27622, Start Num: 189

Candidate Starts for Hammy_30:

(37, 26537), (128, 26783), (Start: 138 @26804 has 3 MA's), (159, 26837), (169, 26858), (Start: 189 @26882 has 154 MA's), (Start: 203 @26894 has 1 MA's), (215, 26921), (219, 26927), (253, 27011), (257, 27020), (263, 27032), (274, 27065), (287, 27098), (334, 27206), (342, 27233), (397, 27341), (405, 27368), (415, 27389), (430, 27413), (474, 27425), (478, 27434), (507, 27491), (511, 27503), (555, 27602),

Gene: Hamulus_32 Start: 28436, Stop: 29479, Start Num: 129

Candidate Starts for Hamulus_32:

(91, 28358), (Start: 113 @28409 has 21 MA's), (124, 28430), (Start: 129 @28436 has 1 MA's), (143, 28463), (146, 28472), (179, 28532), (195, 28559), (226, 28625), (245, 28679), (260, 28721), (278, 28772), (308, 28856), (323, 28886), (337, 28919), (358, 28994), (369, 29015), (432, 29144), (448, 29216), (472, 29312), (478, 29324), (511, 29393), (537, 29450), (542, 29459),

Gene: HanKaySha_36 Start: 31600, Stop: 32457, Start Num: 165

Candidate Starts for HanKaySha_36:

(Start: 165 @31600 has 123 MA's), (185, 31639), (207, 31669), (217, 31690), (233, 31726), (244, 31756), (276, 31831), (296, 31879), (298, 31882), (301, 31906), (302, 31909), (307, 31924), (381, 32095), (435, 32209), (440, 32224), (442, 32230), (478, 32272), (479, 32275), (507, 32329), (539, 32407), (552, 32440),

Gene: HanShotFirst_10 Start: 5623, Stop: 6591, Start Num: 66

Candidate Starts for HanShotFirst_10:

(Start: 66 @5623 has 202 MA's), (Start: 77 @5656 has 5 MA's), (Start: 86 @5674 has 111 MA's), (Start: 87 @5677 has 14 MA's), (240, 5944), (257, 5995), (263, 6007), (296, 6082), (333, 6178), (339, 6190), (342, 6208), (346, 6226), (353, 6250), (381, 6289), (431, 6370), (440, 6394), (441, 6397), (442, 6400), (463, 6409), (505, 6496), (527, 6541), (547, 6583),

Gene: Hannaconda_45 Start: 37054, Stop: 37926, Start Num: 108

Candidate Starts for Hannaconda_45:

(46, 36883), (Start: 108 @37054 has 40 MA's), (Start: 122 @37081 has 1 MA's), (153, 37141), (188, 37198), (195, 37210), (218, 37255), (228, 37276), (240, 37297), (260, 37351), (292, 37432), (348, 37573), (427, 37711), (429, 37714), (453, 37738), (471, 37774), (478, 37789), (483, 37801), (498, 37822),

Gene: Happiness_10 Start: 5886, Stop: 6866, Start Num: 86

Candidate Starts for Happiness_10:

(Start: 86 @5886 has 111 MA's), (Start: 87 @5889 has 14 MA's), (95, 5913), (Start: 104 @5934 has 1 MA's), (Start: 106 @5937 has 1 MA's), (234, 6186), (257, 6243), (297, 6327), (300, 6348), (311, 6375), (334, 6405), (342, 6432), (405, 6582), (502, 6693), (507, 6705), (511, 6717), (545, 6783),

Gene: Harella_34 Start: 31970, Stop: 32827, Start Num: 165

Candidate Starts for Harella_34:

(Start: 165 @31970 has 123 MA's), (185, 32009), (207, 32039), (217, 32060), (233, 32096), (244, 32126), (276, 32201), (296, 32249), (298, 32252), (301, 32276), (302, 32279), (307, 32294), (381, 32465), (435, 32579), (440, 32594), (442, 32600), (478, 32642), (479, 32645), (507, 32699), (539, 32777), (552, 32810),

Gene: Harley_31 Start: 27457, Stop: 28458, Start Num: 55

Candidate Starts for Harley_31:

(35, 27358), (Start: 55 @27457 has 239 MA's), (Start: 62 @27478 has 3 MA's), (68, 27490), (82, 27532), (95, 27565), (116, 27595), (Start: 129 @27616 has 1 MA's), (Start: 174 @27700 has 1 MA's), (188, 27724), (Start: 203 @27739 has 1 MA's), (207, 27751), (257, 27862), (301, 27976), (307, 27994), (328, 28033), (339, 28057), (346, 28093), (354, 28120), (381, 28159), (410, 28207), (440, 28267), (478, 28315), (485, 28327), (507, 28372), (511, 28384), (527, 28414),

Gene: HarryHoudini_13 Start: 6940, Stop: 7917, Start Num: 67

Candidate Starts for HarryHoudini_13:

(Start: 67 @6940 has 52 MA's), (Start: 87 @6994 has 14 MA's), (133, 7051), (213, 7183), (235, 7231), (257, 7288), (271, 7324), (296, 7372), (305, 7411), (340, 7483), (342, 7498), (354, 7543), (362, 7561), (389, 7603), (410, 7651), (426, 7678), (434, 7693), (440, 7711), (441, 7714), (501, 7804),

Gene: HarryOW_11 Start: 6325, Stop: 7287, Start Num: 66

Candidate Starts for HarryOW_11:

(Start: 66 @6325 has 202 MA's), (Start: 77 @6358 has 5 MA's), (Start: 86 @6376 has 111 MA's), (Start: 87 @6379 has 14 MA's), (207, 6580), (240, 6646), (257, 6691), (298, 6781), (328, 6862), (333, 6874), (339, 6886), (342, 6904), (346, 6922), (353, 6946), (381, 6985), (431, 7066), (440, 7090), (441, 7093), (442, 7096), (463, 7105), (505, 7192), (547, 7279),

Gene: HarveySr_47 Start: 41520, Stop: 42584, Start Num: 102

Candidate Starts for HarveySr_47:

(Start: 102 @41520 has 45 MA's), (134, 41583), (179, 41664), (212, 41730), (222, 41745), (226, 41757), (237, 41784), (256, 41841), (260, 41850), (323, 41997), (332, 42012), (349, 42066), (366, 42099), (388, 42138), (396, 42150), (432, 42231), (442, 42249), (443, 42252), (448, 42297), (478, 42408), (529, 42519), (540, 42540), (553, 42573),

Gene: HashRod_13 Start: 6046, Stop: 7011, Start Num: 59

Candidate Starts for HashRod_13:

(Start: 59 @6046 has 93 MA's), (78, 6091), (Start: 87 @6112 has 14 MA's), (158, 6232), (235, 6370), (257, 6427), (264, 6442), (300, 6523), (305, 6538), (314, 6556), (339, 6607), (342, 6625), (354, 6670), (410, 6766), (441, 6829), (474, 6868), (501, 6919),

Gene: Hashim76_52 Start: 41795, Stop: 42796, Start Num: 86

Candidate Starts for Hashim76_52:

(Start: 86 @41795 has 111 MA's), (95, 41822), (Start: 106 @41846 has 1 MA's), (179, 41987), (255, 42152), (257, 42158), (282, 42221), (297, 42242), (333, 42323), (334, 42326), (342, 42353), (362, 42413), (381, 42449), (414, 42524), (416, 42527), (484, 42581), (511, 42638), (515, 42647), (563, 42770),

Gene: HaveUMetTed_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for HaveUMetTed_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: Heathcliff_47 Start: 41498, Stop: 42562, Start Num: 102

Candidate Starts for Heathcliff_47:

(Start: 102 @41498 has 45 MA's), (134, 41561), (179, 41642), (212, 41708), (222, 41723), (226, 41735), (237, 41762), (256, 41819), (260, 41828), (323, 41975), (332, 41990), (349, 42044), (366, 42077), (388, 42116), (396, 42128), (432, 42209), (442, 42227), (443, 42230), (448, 42275), (478, 42386), (529, 42497), (540, 42518), (553, 42551),

Gene: Heathen_10 Start: 5538, Stop: 6278, Start Num: 189

Candidate Starts for Heathen_10:

(Start: 189 @5538 has 154 MA's), (235, 5625), (257, 5682), (263, 5694), (264, 5697), (272, 5721), (285, 5736), (290, 5754), (300, 5784), (302, 5790), (314, 5817), (342, 5886), (368, 5958), (399, 6000), (410, 6027), (426, 6054), (440, 6087), (441, 6090), (474, 6129), (549, 6270),

Gene: HedwigODU_31 Start: 26463, Stop: 27335, Start Num: 189

Candidate Starts for HedwigODU_31:

(169, 26436), (Start: 189 @26463 has 154 MA's), (Start: 203 @26475 has 1 MA's), (234, 26544), (244, 26571), (253, 26601), (257, 26610), (271, 26646), (274, 26655), (287, 26688), (294, 26706), (302, 26736), (333, 26793), (334, 26796), (397, 26931), (405, 26958), (415, 26979), (430, 27003), (447, 27054), (481, 27156), (502, 27192), (511, 27216), (555, 27315), (557, 27324),

Gene: Heffalump_13 Start: 8247, Stop: 9230, Start Num: 84

Candidate Starts for Heffalump_13:

(Start: 62 @8205 has 3 MA's), (Start: 84 @8247 has 68 MA's), (95, 8277), (Start: 97 @8280 has 1 MA's), (Start: 104 @8298 has 1 MA's), (Start: 106 @8301 has 1 MA's), (229, 8538), (234, 8550), (257, 8607), (263, 8619), (292, 8685), (342, 8796), (405, 8943), (497, 9036), (511, 9078), (545, 9150), (560, 9204),

Gene: Heftyboy_30 Start: 27195, Stop: 28064, Start Num: 189

Candidate Starts for Heftyboy_30:

(128, 27093), (159, 27147), (Start: 189 @27195 has 154 MA's), (Start: 203 @27207 has 1 MA's), (206, 27213), (219, 27240), (231, 27270), (234, 27276), (253, 27330), (257, 27339), (263, 27351), (274, 27384), (287, 27417), (302, 27465), (325, 27513), (362, 27597), (405, 27687), (413, 27705), (415, 27708), (444, 27771), (447, 27786), (451, 27810), (481, 27882), (502, 27918), (503, 27921), (511, 27942), (536, 27999), (552, 28035), (555, 28044), (557, 28053),

Gene: Hegedechwinu_32 Start: 27550, Stop: 28551, Start Num: 55

Candidate Starts for Hegedechwinu_32:

(Start: 55 @27550 has 239 MA's), (82, 27625), (95, 27658), (116, 27688), (Start: 129 @27709 has 1 MA's), (Start: 174 @27793 has 1 MA's), (207, 27844), (213, 27859), (257, 27955), (300, 28066), (307, 28087), (328, 28126), (333, 28138), (346, 28186), (354, 28213), (366, 28237), (381, 28252), (440, 28360), (478, 28408), (511, 28477), (527, 28507),

Gene: HelDan_10 Start: 5790, Stop: 6530, Start Num: 189

Candidate Starts for HelDan_10:

(Start: 189 @5790 has 154 MA's), (235, 5877), (257, 5934), (263, 5946), (264, 5949), (272, 5973), (285, 5988), (290, 6006), (300, 6036), (302, 6042), (314, 6069), (342, 6138), (368, 6210), (399, 6252),

(410, 6279), (426, 6306), (440, 6339), (441, 6342), (474, 6381), (549, 6522),

Gene: Heliosoles_12 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Heliosoles_12:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: Henry_36 Start: 31858, Stop: 32715, Start Num: 165

Candidate Starts for Henry_36:

(Start: 165 @31858 has 123 MA's), (185, 31897), (207, 31927), (217, 31948), (233, 31984), (244, 32014), (276, 32089), (296, 32137), (298, 32140), (301, 32164), (302, 32167), (307, 32182), (381, 32353), (435, 32467), (440, 32482), (442, 32488), (478, 32530), (479, 32533), (507, 32587), (539, 32665), (552, 32698),

Gene: Hercules11_12 Start: 5969, Stop: 6934, Start Num: 59

Candidate Starts for Hercules11_12:

(Start: 59 @5969 has 93 MA's), (78, 6014), (Start: 87 @6035 has 14 MA's), (158, 6155), (257, 6350), (264, 6365), (300, 6446), (305, 6461), (314, 6479), (339, 6530), (342, 6548), (354, 6593), (410, 6689), (441, 6752), (474, 6791), (501, 6842),

Gene: Hermia_12 Start: 6769, Stop: 7731, Start Num: 66

Candidate Starts for Hermia_12:

(Start: 66 @6769 has 202 MA's), (Start: 77 @6802 has 5 MA's), (Start: 86 @6820 has 111 MA's), (Start: 87 @6823 has 14 MA's), (240, 7090), (257, 7135), (298, 7225), (328, 7306), (333, 7318), (339, 7330), (342, 7348), (346, 7366), (353, 7390), (381, 7429), (431, 7510), (440, 7534), (441, 7537), (442, 7540), (463, 7549), (505, 7636), (527, 7681), (547, 7723),

Gene: HermioneGrange_11 Start: 5732, Stop: 6700, Start Num: 66

Candidate Starts for HermioneGrange_11:

(Start: 66 @5732 has 202 MA's), (Start: 77 @5765 has 5 MA's), (Start: 86 @5783 has 111 MA's), (Start: 87 @5786 has 14 MA's), (240, 6053), (244, 6071), (257, 6104), (263, 6116), (296, 6191), (317, 6254), (324, 6266), (333, 6287), (339, 6299), (342, 6317), (346, 6335), (353, 6359), (381, 6398), (431, 6479), (440, 6503), (441, 6506), (442, 6509), (463, 6518), (505, 6605), (547, 6692),

Gene: Highbury_36 Start: 31516, Stop: 32373, Start Num: 165

Candidate Starts for Highbury_36:

(Start: 165 @31516 has 123 MA's), (185, 31555), (207, 31585), (217, 31606), (233, 31642), (244, 31672), (276, 31747), (296, 31795), (298, 31798), (301, 31822), (302, 31825), (307, 31840), (381, 32011), (435, 32125), (440, 32140), (442, 32146), (478, 32188), (479, 32191), (507, 32245), (539, 32323), (552, 32356),

Gene: Hlubikazi_32 Start: 28332, Stop: 29348, Start Num: 55

Candidate Starts for Hlubikazi_32:

(17, 28014), (18, 28020), (21, 28032), (Start: 23 @28044 has 1 MA's), (24, 28056), (Start: 55 @28332 has 239 MA's), (Start: 107 @28464 has 3 MA's), (116, 28485), (Start: 129 @28506 has 1 MA's), (145, 28536), (149, 28548), (Start: 174 @28590 has 1 MA's), (188, 28614), (Start: 203 @28629 has 1 MA's), (207, 28641), (213, 28656), (257, 28752), (300, 28863), (307, 28884), (328, 28923), (333, 28935), (346, 28983), (354, 29010), (366, 29034), (381, 29049), (440, 29157), (478, 29205), (511, 29274), (527, 29304),

Gene: HokkenD_42 Start: 40844, Stop: 41716, Start Num: 108

Candidate Starts for HokkenD_42:

(Start: 108 @40844 has 40 MA's), (Start: 122 @40871 has 1 MA's), (153, 40931), (181, 40979), (218, 41045), (228, 41066), (240, 41087), (260, 41141), (292, 41222), (427, 41501), (429, 41504), (453, 41528), (471, 41564), (478, 41579), (483, 41591), (498, 41612),

Gene: Holli_10 Start: 5677, Stop: 6654, Start Num: 87

Candidate Starts for Holli_10:

(Start: 86 @5674 has 111 MA's), (Start: 87 @5677 has 14 MA's), (95, 5701), (Start: 104 @5722 has 1 MA's), (Start: 106 @5725 has 1 MA's), (234, 5974), (257, 6031), (297, 6115), (300, 6136), (311, 6163), (342, 6220), (405, 6370), (502, 6481), (507, 6493), (511, 6505), (545, 6571),

Gene: Holt_36 Start: 31135, Stop: 31992, Start Num: 165

Candidate Starts for Holt_36:

(Start: 165 @31135 has 123 MA's), (185, 31174), (207, 31204), (217, 31225), (233, 31261), (244, 31291), (276, 31366), (296, 31414), (298, 31417), (301, 31441), (302, 31444), (307, 31459), (381, 31630), (435, 31744), (440, 31759), (442, 31765), (478, 31807), (479, 31810), (507, 31864), (539, 31942), (552, 31975),

Gene: Homines_10 Start: 6038, Stop: 7006, Start Num: 66

Candidate Starts for Homines_10:

(Start: 66 @6038 has 202 MA's), (Start: 77 @6071 has 5 MA's), (Start: 86 @6089 has 111 MA's), (Start: 87 @6092 has 14 MA's), (240, 6359), (257, 6410), (263, 6422), (296, 6497), (317, 6560), (324, 6572), (333, 6593), (339, 6605), (342, 6623), (346, 6641), (353, 6665), (381, 6704), (431, 6785), (440, 6809), (441, 6812), (442, 6815), (463, 6824), (505, 6911), (547, 6998),

Gene: Homura_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Homura_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Hookmount_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Hookmount_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Hoonter_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for Hoonter_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: Hope4ever_10 Start: 6140, Stop: 7108, Start Num: 66

Candidate Starts for Hope4ever_10:

(Start: 66 @6140 has 202 MA's), (Start: 77 @6173 has 5 MA's), (Start: 86 @6191 has 111 MA's), (Start: 87 @6194 has 14 MA's), (240, 6461), (257, 6512), (263, 6524), (296, 6599), (317, 6662), (324, 6674), (333, 6695), (339, 6707), (342, 6725), (346, 6743), (353, 6767), (381, 6806), (431, 6887), (440, 6911), (441, 6914), (442, 6917), (463, 6926), (465, 6929), (527, 7058), (547, 7100),

Gene: Hohey_37 Start: 32135, Stop: 32992, Start Num: 165

Candidate Starts for Hohey_37:

(Start: 165 @32135 has 123 MA's), (185, 32174), (207, 32204), (217, 32225), (233, 32261), (244, 32291), (276, 32366), (296, 32414), (298, 32417), (301, 32441), (302, 32444), (307, 32459), (381, 32630), (435, 32744), (440, 32759), (442, 32765), (478, 32807), (479, 32810), (507, 32864), (539, 32942), (552, 32975),

Gene: Hosp_040 Start: 38571, Stop: 39566, Start Num: 84

Candidate Starts for Hosp_040:

(Start: 84 @38571 has 68 MA's), (95, 38601), (Start: 104 @38622 has 1 MA's), (Start: 106 @38625 has 1 MA's), (148, 38712), (179, 38760), (200, 38793), (229, 38862), (255, 38925), (257, 38931), (271, 38967), (297, 39015), (342, 39126), (376, 39213), (378, 39216), (405, 39276), (409, 39288), (416, 39300), (422, 39306), (511, 39411), (563, 39543),

Gene: Houdini22_10 Start: 5885, Stop: 6865, Start Num: 86

Candidate Starts for Houdini22_10:

(Start: 86 @5885 has 111 MA's), (Start: 87 @5888 has 14 MA's), (95, 5912), (Start: 104 @5933 has 1 MA's), (Start: 106 @5936 has 1 MA's), (234, 6185), (257, 6242), (297, 6326), (300, 6347), (311, 6374), (334, 6404), (342, 6431), (405, 6581), (502, 6692), (507, 6704), (511, 6716), (545, 6782),

Gene: HufflyPuff_34 Start: 31842, Stop: 32699, Start Num: 165

Candidate Starts for HufflyPuff_34:

(Start: 165 @31842 has 123 MA's), (185, 31881), (207, 31911), (217, 31932), (233, 31968), (244, 31998), (276, 32073), (296, 32121), (298, 32124), (301, 32148), (302, 32151), (307, 32166), (381, 32337), (428, 32436), (435, 32451), (440, 32466), (442, 32472), (478, 32514), (479, 32517), (507, 32571), (539, 32649), (552, 32682),

Gene: Hughesyang_47 Start: 42504, Stop: 43376, Start Num: 108

Candidate Starts for Hughesyang_47:

(Start: 108 @42504 has 40 MA's), (Start: 122 @42531 has 1 MA's), (153, 42591), (181, 42639), (218, 42705), (228, 42726), (240, 42747), (260, 42801), (292, 42882), (427, 43161), (429, 43164), (453, 43188), (471, 43224), (478, 43239), (483, 43251), (498, 43272),

Gene: HuhtaEnerson15_8 Start: 5355, Stop: 6164, Start Num: 137

Candidate Starts for HuhtaEnerson15_8:

(Start: 137 @5355 has 50 MA's), (169, 5418), (175, 5427), (209, 5484), (230, 5532), (261, 5613), (343, 5802), (356, 5844), (391, 5901), (407, 5943), (534, 6150),

Gene: Hurricane_32 Start: 27396, Stop: 28184, Start Num: 189

Candidate Starts for Hurricane_32:

(29, 26904), (43, 27066), (142, 27318), (159, 27351), (Start: 189 @27396 has 154 MA's), (219, 27441), (234, 27477), (253, 27534), (257, 27543), (271, 27579), (294, 27633), (300, 27657), (362, 27798), (397, 27861), (405, 27903), (415, 27924), (420, 27930), (430, 27948), (478, 27978), (511, 28047), (545, 28119), (555, 28149),

Gene: Huxley_10 Start: 5945, Stop: 6925, Start Num: 86

Candidate Starts for Huxley_10:

(Start: 86 @5945 has 111 MA's), (95, 5972), (Start: 104 @5993 has 1 MA's), (Start: 106 @5996 has 1 MA's), (234, 6245), (257, 6302), (263, 6314), (282, 6365), (297, 6386), (311, 6434), (342, 6491), (405, 6641), (502, 6752), (507, 6764), (511, 6776), (545, 6842),

Gene: HyRo_237 Start: 143758, Stop: 144786, Start Num: 49

Candidate Starts for HyRo_237:

(Start: 49 @143758 has 167 MA's), (Start: 62 @143788 has 3 MA's), (82, 143842), (116, 143905), (Start: 129 @143926 has 1 MA's), (Start: 174 @144010 has 1 MA's), (Start: 203 @144052 has 1

MA's), (207, 144064), (213, 144079), (244, 144148), (257, 144175), (278, 144229), (294, 144274), (295, 144277), (323, 144355), (333, 144376), (381, 144487), (434, 144577), (440, 144595), (493, 144667), (507, 144700),

Gene: Hyperbowlee_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Hyperbowlee_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: I3_262 Start: 145549, Stop: 146577, Start Num: 49

Candidate Starts for I3_262:

(Start: 49 @145549 has 167 MA's), (Start: 62 @145579 has 3 MA's), (68, 145591), (82, 145633), (116, 145696), (Start: 129 @145717 has 1 MA's), (Start: 174 @145801 has 1 MA's), (Start: 203 @145843 has 1 MA's), (207, 145855), (213, 145870), (244, 145939), (257, 145966), (278, 146020), (294, 146065), (295, 146068), (323, 146146), (333, 146167), (381, 146278), (434, 146368), (440, 146386), (507, 146491),

Gene: ICleared_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for ICleared_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: IHOP_35 Start: 32035, Stop: 32892, Start Num: 165

Candidate Starts for IHOP_35:

(Start: 165 @32035 has 123 MA's), (185, 32074), (207, 32104), (217, 32125), (233, 32161), (244, 32191), (276, 32266), (296, 32314), (298, 32317), (301, 32341), (302, 32344), (307, 32359), (381, 32530), (435, 32644), (440, 32659), (442, 32665), (478, 32707), (479, 32710), (507, 32764), (539, 32842), (552, 32875),

Gene: ILeeKay_12 Start: 6192, Stop: 7160, Start Num: 66

Candidate Starts for ILeeKay_12:

(Start: 66 @6192 has 202 MA's), (Start: 77 @6225 has 5 MA's), (Start: 86 @6243 has 111 MA's), (Start: 87 @6246 has 14 MA's), (240, 6513), (257, 6564), (263, 6576), (296, 6651), (317, 6714), (333, 6747), (339, 6759), (342, 6777), (346, 6795), (353, 6819), (381, 6858), (431, 6939), (440, 6963), (441, 6966), (442, 6969), (463, 6978), (505, 7065), (547, 7152),

Gene: IMpilo_30 Start: 27328, Stop: 28329, Start Num: 55

Candidate Starts for IMpilo_30:

(Start: 55 @27328 has 239 MA's), (Start: 62 @27349 has 3 MA's), (68, 27361), (82, 27403), (Start: 129 @27487 has 1 MA's), (145, 27517), (Start: 174 @27571 has 1 MA's), (188, 27595), (Start: 203 @27610 has 1 MA's), (207, 27622), (257, 27733), (301, 27847), (307, 27865), (328, 27904), (339, 27928), (346, 27964), (354, 27991), (366, 28015), (381, 28030), (440, 28138), (478, 28186), (511, 28255), (527, 28285),

Gene: IPhane7_38 Start: 31794, Stop: 32765, Start Num: 85

Candidate Starts for IPhane7_38:

(Start: 85 @31794 has 13 MA's), (Start: 94 @31818 has 3 MA's), (100, 31833), (169, 31971), (186, 31998), (Start: 197 @32016 has 16 MA's), (204, 32028), (207, 32037), (229, 32082), (233, 32094), (248, 32121), (257, 32148), (263, 32160), (280, 32205), (292, 32232), (301, 32262), (304, 32271), (305, 32274), (345, 32361), (352, 32376), (419, 32529), (421, 32532), (472, 32592), (478, 32604),

(481, 32613), (502, 32649), (508, 32664), (538, 32703), (552, 32736),

Gene: lbOuu_33 Start: 28383, Stop: 29102, Start Num: 203

Candidate Starts for lbOuu_33:

(27, 27855), (28, 27858), (30, 27906), (42, 28041), (44, 28050), (Start: 55 @28086 has 239 MA's), (Start: 107 @28218 has 3 MA's), (116, 28239), (Start: 129 @28260 has 1 MA's), (145, 28290), (149, 28302), (Start: 174 @28344 has 1 MA's), (188, 28368), (Start: 203 @28383 has 1 MA's), (207, 28395), (213, 28410), (257, 28506), (301, 28620), (307, 28638), (328, 28677), (339, 28701), (346, 28737), (354, 28764), (366, 28788), (381, 28803), (440, 28911), (478, 28959), (511, 29028), (527, 29058),

Gene: lbhubesi_31 Start: 27464, Stop: 28465, Start Num: 55

Candidate Starts for lbhubesi_31:

(35, 27365), (Start: 55 @27464 has 239 MA's), (Start: 62 @27485 has 3 MA's), (68, 27497), (82, 27539), (95, 27572), (116, 27602), (Start: 129 @27623 has 1 MA's), (Start: 174 @27707 has 1 MA's), (188, 27731), (Start: 203 @27746 has 1 MA's), (207, 27758), (257, 27869), (301, 27983), (307, 28001), (328, 28040), (339, 28064), (346, 28100), (354, 28127), (381, 28166), (410, 28214), (440, 28274), (478, 28322), (485, 28334), (507, 28379), (511, 28391), (527, 28421),

Gene: lcee_34 Start: 31516, Stop: 32373, Start Num: 165

Candidate Starts for lcee_34:

(Start: 165 @31516 has 123 MA's), (185, 31555), (207, 31585), (217, 31606), (233, 31642), (244, 31672), (276, 31747), (296, 31795), (298, 31798), (301, 31822), (302, 31825), (307, 31840), (381, 32011), (435, 32125), (440, 32140), (442, 32146), (478, 32188), (479, 32191), (507, 32245), (539, 32323), (552, 32356),

Gene: Iceman_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Iceman_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Ichabod_10 Start: 5749, Stop: 6717, Start Num: 66

Candidate Starts for Ichabod_10:

(Start: 66 @5749 has 202 MA's), (Start: 77 @5782 has 5 MA's), (Start: 86 @5800 has 111 MA's), (Start: 87 @5803 has 14 MA's), (240, 6070), (257, 6121), (263, 6133), (296, 6208), (333, 6304), (342, 6334), (381, 6415), (431, 6496), (440, 6520), (441, 6523), (442, 6526), (463, 6535), (505, 6622), (547, 6709),

Gene: ldergollasper_67 Start: 43419, Stop: 44459, Start Num: 55

Candidate Starts for ldergollasper_67:

(Start: 55 @43419 has 239 MA's), (82, 43494), (116, 43575), (119, 43581), (Start: 129 @43596 has 1 MA's), (172, 43677), (Start: 174 @43680 has 1 MA's), (207, 43734), (213, 43749), (257, 43845), (272, 43884), (284, 43914), (294, 43944), (295, 43947), (302, 43980), (333, 44046), (346, 44094), (354, 44121), (381, 44160), (488, 44334), (511, 44385),

Gene: Idleandcovert_10 Start: 5739, Stop: 6479, Start Num: 189

Candidate Starts for Idleandcovert_10:

(98, 5622), (Start: 189 @5739 has 154 MA's), (235, 5826), (257, 5883), (263, 5895), (264, 5898), (272, 5922), (285, 5937), (290, 5955), (300, 5985), (302, 5991), (305, 6000), (314, 6018), (339, 6069), (342, 6087), (368, 6159), (399, 6201), (410, 6228), (426, 6255), (440, 6288), (441, 6291), (474, 6330), (549, 6471),

Gene: IgnatiusPatJac_9 Start: 6018, Stop: 6986, Start Num: 66

Candidate Starts for IgnatiusPatJac_9:

(Start: 66 @6018 has 202 MA's), (Start: 77 @6051 has 5 MA's), (Start: 86 @6069 has 111 MA's), (Start: 87 @6072 has 14 MA's), (240, 6339), (257, 6390), (263, 6402), (296, 6477), (317, 6540), (324, 6552), (333, 6573), (339, 6585), (342, 6603), (346, 6621), (381, 6684), (431, 6765), (440, 6789), (441, 6792), (442, 6795), (463, 6804), (505, 6891), (527, 6936), (547, 6978),

Gene: IkeLoa_246 Start: 144139, Stop: 145167, Start Num: 49

Candidate Starts for IkeLoa_246:

(Start: 49 @144139 has 167 MA's), (Start: 62 @144169 has 3 MA's), (68, 144181), (82, 144223), (116, 144286), (Start: 129 @144307 has 1 MA's), (Start: 174 @144391 has 1 MA's), (Start: 203 @144433 has 1 MA's), (207, 144445), (213, 144460), (244, 144529), (257, 144556), (278, 144610), (294, 144655), (295, 144658), (323, 144736), (333, 144757), (381, 144868), (434, 144958), (440, 144976), (493, 145048), (507, 145081),

Gene: Illumine_31 Start: 26470, Stop: 27342, Start Num: 189

Candidate Starts for Illumine_31:

(169, 26443), (Start: 189 @26470 has 154 MA's), (Start: 203 @26482 has 1 MA's), (234, 26551), (244, 26578), (253, 26608), (257, 26617), (271, 26653), (274, 26662), (287, 26695), (294, 26713), (334, 26803), (397, 26938), (405, 26965), (415, 26986), (430, 27010), (460, 27112), (481, 27163), (502, 27199), (511, 27223), (555, 27322), (557, 27331),

Gene: Imvubu_41 Start: 39360, Stop: 40367, Start Num: 81

Candidate Starts for Imvubu_41:

(Start: 81 @39360 has 1 MA's), (Start: 106 @39417 has 1 MA's), (229, 39654), (255, 39717), (257, 39723), (271, 39759), (282, 39786), (318, 39870), (342, 39918), (381, 40014), (409, 40080), (414, 40089), (416, 40092), (511, 40203), (515, 40212), (563, 40335),

Gene: Inca_34 Start: 30537, Stop: 31394, Start Num: 165

Candidate Starts for Inca_34:

(Start: 165 @30537 has 123 MA's), (185, 30576), (207, 30606), (217, 30627), (233, 30663), (244, 30693), (276, 30768), (296, 30816), (298, 30819), (301, 30843), (302, 30846), (307, 30861), (381, 31032), (428, 31131), (435, 31146), (440, 31161), (442, 31167), (478, 31209), (479, 31212), (507, 31266), (539, 31344), (552, 31377),

Gene: Indlulamithi_36 Start: 31658, Stop: 32464, Start Num: 170

Candidate Starts for Indlulamithi_36:

(Start: 129 @31580 has 1 MA's), (Start: 170 @31658 has 1 MA's), (207, 31724), (257, 31844), (271, 31880), (273, 31886), (293, 31925), (301, 31949), (323, 31988), (338, 32009), (357, 32078), (401, 32165), (421, 32204), (423, 32210), (439, 32246), (478, 32276), (554, 32429), (555, 32432),

Gene: InigoMontoya_256 Start: 144457, Stop: 145485, Start Num: 49

Candidate Starts for InigoMontoya_256:

(Start: 49 @144457 has 167 MA's), (Start: 62 @144487 has 3 MA's), (68, 144499), (82, 144541), (116, 144604), (Start: 129 @144625 has 1 MA's), (Start: 174 @144709 has 1 MA's), (Start: 203 @144751 has 1 MA's), (207, 144763), (213, 144778), (244, 144847), (257, 144874), (278, 144928), (294, 144973), (295, 144976), (323, 145054), (333, 145075), (381, 145186), (434, 145276), (440, 145294), (493, 145366), (507, 145399),

Gene: Inky_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Inky_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430,

27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: InterFolia_254 Start: 145203, Stop: 146231, Start Num: 49

Candidate Starts for InterFolia_254:

(Start: 49 @145203 has 167 MA's), (Start: 62 @145233 has 3 MA's), (68, 145245), (82, 145287), (116, 145350), (Start: 129 @145371 has 1 MA's), (Start: 174 @145455 has 1 MA's), (Start: 203 @145497 has 1 MA's), (207, 145509), (213, 145524), (244, 145593), (257, 145620), (278, 145674), (294, 145719), (295, 145722), (323, 145800), (333, 145821), (381, 145932), (434, 146022), (440, 146040), (493, 146112), (507, 146145),

Gene: Inventum_31 Start: 28184, Stop: 29200, Start Num: 55

Candidate Starts for Inventum_31:

(27, 27953), (28, 27956), (30, 28004), (42, 28139), (44, 28148), (Start: 55 @28184 has 239 MA's), (Start: 107 @28316 has 3 MA's), (116, 28337), (Start: 129 @28358 has 1 MA's), (145, 28388), (149, 28400), (Start: 174 @28442 has 1 MA's), (207, 28493), (257, 28604), (301, 28718), (307, 28736), (328, 28775), (339, 28799), (346, 28835), (354, 28862), (381, 28901), (410, 28949), (440, 29009), (478, 29057), (485, 29069), (507, 29114), (511, 29126), (527, 29156),

Gene: InvictusManeo_30 Start: 27231, Stop: 27992, Start Num: 187

Candidate Starts for InvictusManeo_30:

(159, 27183), (Start: 187 @27231 has 16 MA's), (Start: 203 @27243 has 1 MA's), (204, 27246), (206, 27249), (219, 27276), (234, 27312), (255, 27372), (257, 27378), (268, 27408), (271, 27414), (274, 27423), (287, 27456), (300, 27498), (301, 27501), (305, 27513), (323, 27549), (334, 27564), (344, 27600), (397, 27699), (405, 27726), (415, 27747), (481, 27810), (498, 27834), (507, 27858), (536, 27927), (555, 27972), (557, 27981),

Gene: Inyanga_9 Start: 5807, Stop: 6775, Start Num: 66

Candidate Starts for Inyanga_9:

(Start: 66 @5807 has 202 MA's), (Start: 77 @5840 has 5 MA's), (Start: 86 @5858 has 111 MA's), (Start: 87 @5861 has 14 MA's), (240, 6128), (257, 6179), (263, 6191), (296, 6266), (317, 6329), (324, 6341), (333, 6362), (339, 6374), (342, 6392), (346, 6410), (353, 6434), (381, 6473), (431, 6554), (440, 6578), (441, 6581), (442, 6584), (463, 6593), (505, 6680), (527, 6725), (547, 6767),

Gene: Iota_249 Start: 144169, Stop: 145197, Start Num: 49

Candidate Starts for Iota_249:

(Start: 49 @144169 has 167 MA's), (Start: 62 @144199 has 3 MA's), (68, 144211), (82, 144253), (116, 144316), (Start: 129 @144337 has 1 MA's), (Start: 174 @144421 has 1 MA's), (Start: 203 @144463 has 1 MA's), (207, 144475), (213, 144490), (244, 144559), (257, 144586), (278, 144640), (294, 144685), (295, 144688), (323, 144766), (333, 144787), (381, 144898), (434, 144988), (440, 145006), (493, 145078), (507, 145111),

Gene: Iracema64_10 Start: 5858, Stop: 6838, Start Num: 86

Candidate Starts for Iracema64_10:

(Start: 86 @5858 has 111 MA's), (95, 5885), (Start: 104 @5906 has 1 MA's), (Start: 106 @5909 has 1 MA's), (234, 6158), (257, 6215), (263, 6227), (282, 6278), (297, 6299), (300, 6320), (311, 6347), (333, 6374), (342, 6404), (405, 6554), (507, 6677), (511, 6689), (545, 6755),

Gene: IrishSherpFalk_33 Start: 29112, Stop: 30113, Start Num: 55

Candidate Starts for IrishSherpFalk_33:

(35, 29013), (47, 29085), (Start: 55 @29112 has 239 MA's), (Start: 62 @29133 has 3 MA's), (68, 29145), (82, 29187), (95, 29220), (116, 29250), (Start: 129 @29271 has 1 MA's), (Start: 174 @29355 has 1 MA's), (188, 29379), (Start: 203 @29394 has 1 MA's), (207, 29406), (257, 29517), (300, 29628), (307, 29649), (328, 29688), (346, 29748), (354, 29775), (381, 29814), (440, 29922), (463, 29937),

(478, 29970), (511, 30039), (527, 30069),

Gene: IronMan_13 Start: 8151, Stop: 9137, Start Num: 84

Candidate Starts for IronMan_13:

(Start: 84 @8151 has 68 MA's), (95, 8181), (Start: 106 @8205 has 1 MA's), (179, 8340), (255, 8505), (257, 8511), (289, 8586), (297, 8595), (305, 8631), (342, 8706), (362, 8766), (381, 8802), (405, 8856), (416, 8880), (422, 8886), (511, 8991), (515, 9000),

Gene: Isca_10 Start: 5611, Stop: 6351, Start Num: 189

Candidate Starts for Isca_10:

(Start: 189 @5611 has 154 MA's), (207, 5635), (235, 5698), (257, 5755), (263, 5767), (264, 5770), (272, 5794), (285, 5809), (300, 5857), (302, 5863), (314, 5890), (342, 5959), (368, 6031), (399, 6073), (410, 6100), (426, 6127), (440, 6160), (441, 6163), (474, 6202), (502, 6256), (549, 6343),

Gene: Issimir_246 Start: 144544, Stop: 145572, Start Num: 49

Candidate Starts for Issimir_246:

(Start: 49 @144544 has 167 MA's), (Start: 62 @144574 has 3 MA's), (68, 144586), (82, 144628), (116, 144691), (Start: 129 @144712 has 1 MA's), (Start: 174 @144796 has 1 MA's), (Start: 203 @144838 has 1 MA's), (207, 144850), (213, 144865), (244, 144934), (257, 144961), (278, 145015), (294, 145060), (295, 145063), (323, 145141), (333, 145162), (381, 145273), (434, 145363), (440, 145381), (493, 145453), (507, 145486),

Gene: Itos_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Itos_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Iwokeuplikedis_11 Start: 6191, Stop: 7168, Start Num: 67

Candidate Starts for Iwokeuplikedis_11:

(58, 6170), (Start: 67 @6191 has 52 MA's), (Start: 87 @6245 has 14 MA's), (133, 6302), (213, 6434), (229, 6470), (235, 6482), (257, 6539), (271, 6575), (296, 6623), (305, 6662), (342, 6749), (354, 6794), (362, 6812), (389, 6854), (410, 6902), (426, 6929), (434, 6944), (440, 6962), (441, 6965), (501, 7055),

Gene: Izajani_248 Start: 145019, Stop: 146017, Start Num: 62

Candidate Starts for Izajani_248:

(Start: 49 @144989 has 167 MA's), (Start: 62 @145019 has 3 MA's), (68, 145031), (82, 145073), (116, 145136), (Start: 129 @145157 has 1 MA's), (Start: 174 @145241 has 1 MA's), (Start: 203 @145283 has 1 MA's), (207, 145295), (213, 145310), (244, 145379), (257, 145406), (278, 145460), (294, 145505), (295, 145508), (323, 145586), (333, 145607), (381, 145718), (434, 145808), (440, 145826), (493, 145898), (507, 145931),

Gene: JAWS_31 Start: 26448, Stop: 27320, Start Num: 189

Candidate Starts for JAWS_31:

(40, 26118), (128, 26346), (169, 26421), (Start: 189 @26448 has 154 MA's), (Start: 203 @26460 has 1 MA's), (234, 26529), (244, 26556), (253, 26586), (257, 26595), (271, 26631), (274, 26640), (287, 26673), (294, 26691), (302, 26721), (334, 26781), (397, 26916), (405, 26943), (415, 26964), (430, 26988), (481, 27141), (502, 27177), (555, 27300), (557, 27309),

Gene: JC27_12 Start: 6644, Stop: 7612, Start Num: 66

Candidate Starts for JC27_12:

(Start: 66 @6644 has 202 MA's), (Start: 77 @6677 has 5 MA's), (Start: 86 @6695 has 111 MA's), (Start: 87 @6698 has 14 MA's), (240, 6965), (257, 7016), (263, 7028), (296, 7103), (317, 7166), (324, 7178), (333, 7199), (339, 7211), (342, 7229), (346, 7247), (353, 7271), (381, 7310), (431, 7391), (440, 7415), (441, 7418), (442, 7421), (463, 7430), (505, 7517), (527, 7562), (547, 7604),

Gene: JF1_32 Start: 27629, Stop: 28420, Start Num: 173

Candidate Starts for JF1_32:

(Start: 173 @27629 has 20 MA's), (Start: 203 @27662 has 1 MA's), (219, 27695), (229, 27719), (239, 27740), (253, 27788), (257, 27797), (271, 27833), (304, 27914), (397, 28121), (405, 28148), (408, 28154), (415, 28169), (430, 28193), (479, 28217), (496, 28238), (507, 28271), (511, 28283), (545, 28355),

Gene: JF2_10 Start: 5376, Stop: 6116, Start Num: 189

Candidate Starts for JF2_10:

(Start: 189 @5376 has 154 MA's), (235, 5463), (257, 5520), (263, 5532), (264, 5535), (272, 5559), (285, 5574), (300, 5622), (302, 5628), (314, 5655), (342, 5724), (368, 5796), (399, 5838), (410, 5865), (426, 5892), (440, 5925), (441, 5928), (474, 5967), (502, 6021), (549, 6108),

Gene: JF4_10 Start: 5376, Stop: 6116, Start Num: 189

Candidate Starts for JF4_10:

(Start: 189 @5376 has 154 MA's), (235, 5463), (257, 5520), (263, 5532), (264, 5535), (272, 5559), (285, 5574), (300, 5622), (302, 5628), (314, 5655), (342, 5724), (368, 5796), (399, 5838), (410, 5865), (426, 5892), (440, 5925), (441, 5928), (474, 5967), (502, 6021), (549, 6108),

Gene: JHC117_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for JHC117_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: JPickles_250 Start: 143594, Stop: 144622, Start Num: 49

Candidate Starts for JPickles_250:

(Start: 49 @143594 has 167 MA's), (Start: 62 @143624 has 3 MA's), (68, 143636), (82, 143678), (116, 143741), (Start: 129 @143762 has 1 MA's), (Start: 174 @143846 has 1 MA's), (Start: 203 @143888 has 1 MA's), (207, 143900), (213, 143915), (244, 143984), (257, 144011), (278, 144065), (294, 144110), (295, 144113), (323, 144191), (333, 144212), (381, 144323), (434, 144413), (440, 144431), (493, 144503), (507, 144536),

Gene: Jaan_14 Start: 8541, Stop: 9527, Start Num: 84

Candidate Starts for Jaan_14:

(Start: 84 @8541 has 68 MA's), (95, 8571), (Start: 106 @8595 has 1 MA's), (179, 8730), (257, 8901), (289, 8976), (297, 8985), (342, 9096), (362, 9156), (381, 9192), (405, 9246), (416, 9270), (422, 9276), (481, 9321), (511, 9381), (515, 9390),

Gene: Jabbawokkie_39 Start: 28197, Stop: 29270, Start Num: 113

Candidate Starts for Jabbawokkie_39:

(Start: 113 @28197 has 21 MA's), (Start: 129 @28224 has 1 MA's), (144, 28254), (195, 28347), (201, 28356), (205, 28365), (229, 28422), (245, 28467), (256, 28500), (260, 28509), (278, 28560), (298, 28602), (301, 28626), (304, 28635), (308, 28647), (323, 28677), (335, 28707), (337, 28710), (349, 28767), (351, 28770), (358, 28785), (364, 28797), (369, 28806), (381, 28830), (396, 28854), (432, 28935), (448, 29010), (479, 29121), (502, 29163), (503, 29166), (505, 29172), (511, 29187), (542, 29253),

Gene: Jabiru_8 Start: 5180, Stop: 5989, Start Num: 137

Candidate Starts for Jabiru_8:

(Start: 137 @5180 has 50 MA's), (161, 5225), (209, 5309), (215, 5324), (230, 5357), (343, 5627), (356, 5669), (379, 5708), (391, 5726), (403, 5756), (427, 5798),

Gene: JackSparrow_10 Start: 6014, Stop: 6982, Start Num: 66

Candidate Starts for JackSparrow_10:

(Start: 66 @6014 has 202 MA's), (Start: 77 @6047 has 5 MA's), (Start: 86 @6065 has 111 MA's), (Start: 87 @6068 has 14 MA's), (240, 6335), (257, 6386), (263, 6398), (296, 6473), (317, 6536), (333, 6569), (339, 6581), (342, 6599), (346, 6617), (353, 6641), (381, 6680), (431, 6761), (440, 6785), (441, 6788), (442, 6791), (463, 6800), (505, 6887), (547, 6974),

Gene: Jackstina_44 Start: 41457, Stop: 42521, Start Num: 102

Candidate Starts for Jackstina_44:

(Start: 102 @41457 has 45 MA's), (134, 41520), (179, 41601), (212, 41667), (222, 41682), (226, 41694), (237, 41721), (256, 41778), (260, 41787), (323, 41934), (332, 41949), (349, 42003), (366, 42036), (388, 42075), (396, 42087), (432, 42168), (442, 42186), (443, 42189), (448, 42234), (478, 42345), (529, 42456), (540, 42477), (553, 42510),

Gene: JalFarm20_34 Start: 28603, Stop: 29601, Start Num: 55

Candidate Starts for JalFarm20_34:

(Start: 55 @28603 has 239 MA's), (82, 28678), (116, 28738), (Start: 129 @28759 has 1 MA's), (Start: 174 @28843 has 1 MA's), (207, 28894), (213, 28909), (257, 29005), (300, 29116), (307, 29137), (328, 29176), (333, 29188), (346, 29236), (354, 29263), (366, 29287), (381, 29302), (440, 29410), (478, 29458), (511, 29527), (527, 29557),

Gene: James_31 Start: 27708, Stop: 28709, Start Num: 55

Candidate Starts for James_31:

(Start: 55 @27708 has 239 MA's), (82, 27783), (116, 27846), (Start: 129 @27867 has 1 MA's), (Start: 174 @27951 has 1 MA's), (188, 27975), (Start: 203 @27990 has 1 MA's), (207, 28002), (257, 28113), (301, 28227), (307, 28245), (328, 28284), (339, 28308), (346, 28344), (381, 28410), (440, 28518), (478, 28566), (485, 28578), (507, 28623), (511, 28635), (527, 28665),

Gene: JangDynasty_67 Start: 43505, Stop: 44545, Start Num: 55

Candidate Starts for JangDynasty_67:

(Start: 55 @43505 has 239 MA's), (82, 43580), (116, 43661), (119, 43667), (Start: 129 @43682 has 1 MA's), (172, 43763), (Start: 174 @43766 has 1 MA's), (207, 43820), (213, 43835), (257, 43931), (272, 43970), (284, 44000), (294, 44030), (295, 44033), (302, 44066), (333, 44132), (346, 44180), (354, 44207), (381, 44246), (488, 44420), (511, 44471),

Gene: Janiyra_256 Start: 145131, Stop: 146159, Start Num: 49

Candidate Starts for Janiyra_256:

(Start: 49 @145131 has 167 MA's), (Start: 62 @145161 has 3 MA's), (68, 145173), (82, 145215), (116, 145278), (Start: 129 @145299 has 1 MA's), (Start: 174 @145383 has 1 MA's), (Start: 203 @145425 has 1 MA's), (207, 145437), (213, 145452), (244, 145521), (257, 145548), (278, 145602), (294, 145647), (295, 145650), (323, 145728), (333, 145749), (381, 145860), (434, 145950), (440, 145968), (493, 146040), (507, 146073),

Gene: Jacob_31 Start: 27749, Stop: 28750, Start Num: 55

Candidate Starts for Jacob_31:

(Start: 55 @27749 has 239 MA's), (Start: 62 @27770 has 3 MA's), (68, 27782), (82, 27824), (116, 27887), (Start: 129 @27908 has 1 MA's), (145, 27938), (Start: 174 @27992 has 1 MA's), (188, 28016), (Start: 203 @28031 has 1 MA's), (207, 28043), (257, 28154), (301, 28268), (307, 28286), (328,

28325), (339, 28349), (346, 28385), (354, 28412), (381, 28451), (410, 28499), (440, 28559), (485, 28619), (511, 28676), (527, 28706),

Gene: Jarvi_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Jarvi_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Jasper_11 Start: 5855, Stop: 6823, Start Num: 66

Candidate Starts for Jasper_11:

(Start: 66 @5855 has 202 MA's), (Start: 77 @5888 has 5 MA's), (Start: 86 @5906 has 111 MA's), (Start: 87 @5909 has 14 MA's), (240, 6176), (257, 6227), (263, 6239), (296, 6314), (317, 6377), (324, 6389), (333, 6410), (339, 6422), (342, 6440), (346, 6458), (353, 6482), (381, 6521), (431, 6602), (440, 6626), (441, 6629), (442, 6632), (463, 6641), (505, 6728), (527, 6773), (547, 6815),

Gene: JayJay_248 Start: 143930, Stop: 144958, Start Num: 49

Candidate Starts for JayJay_248:

(Start: 49 @143930 has 167 MA's), (Start: 62 @143960 has 3 MA's), (82, 144014), (116, 144077), (Start: 129 @144098 has 1 MA's), (Start: 174 @144182 has 1 MA's), (Start: 203 @144224 has 1 MA's), (207, 144236), (213, 144251), (244, 144320), (257, 144347), (278, 144401), (294, 144446), (295, 144449), (323, 144527), (333, 144548), (381, 144659), (434, 144749), (440, 144767), (493, 144839), (507, 144872),

Gene: Jaygup_249 Start: 144316, Stop: 145344, Start Num: 49

Candidate Starts for Jaygup_249:

(Start: 49 @144316 has 167 MA's), (Start: 62 @144346 has 3 MA's), (68, 144358), (82, 144400), (116, 144463), (Start: 129 @144484 has 1 MA's), (Start: 174 @144568 has 1 MA's), (Start: 203 @144610 has 1 MA's), (207, 144622), (213, 144637), (244, 144706), (257, 144733), (278, 144787), (294, 144832), (295, 144835), (323, 144913), (333, 144934), (381, 145045), (434, 145135), (440, 145153), (493, 145225), (507, 145258),

Gene: Jayhawk_31 Start: 26461, Stop: 27333, Start Num: 189

Candidate Starts for Jayhawk_31:

(169, 26434), (Start: 189 @26461 has 154 MA's), (Start: 203 @26473 has 1 MA's), (234, 26542), (244, 26569), (253, 26599), (257, 26608), (271, 26644), (274, 26653), (287, 26686), (294, 26704), (302, 26734), (333, 26791), (334, 26794), (397, 26929), (405, 26956), (415, 26977), (430, 27001), (447, 27052), (481, 27154), (502, 27190), (511, 27214), (555, 27313), (557, 27322),

Gene: Jaykayelowell_10 Start: 5880, Stop: 6860, Start Num: 86

Candidate Starts for Jaykayelowell_10:

(Start: 86 @5880 has 111 MA's), (Start: 87 @5883 has 14 MA's), (95, 5907), (Start: 104 @5928 has 1 MA's), (Start: 106 @5931 has 1 MA's), (234, 6180), (257, 6237), (297, 6321), (300, 6342), (311, 6369), (334, 6399), (342, 6426), (405, 6576), (502, 6687), (507, 6699), (511, 6711), (545, 6777),

Gene: JeTaime_37 Start: 32659, Stop: 33516, Start Num: 165

Candidate Starts for JeTaime_37:

(Start: 165 @32659 has 123 MA's), (185, 32698), (207, 32728), (217, 32749), (233, 32785), (244, 32815), (276, 32890), (296, 32938), (298, 32941), (301, 32965), (302, 32968), (307, 32983), (381, 33154), (435, 33268), (440, 33283), (442, 33289), (478, 33331), (479, 33334), (507, 33388), (539, 33466), (552, 33499),

Gene: Jeckyll_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Jeckyll_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Jedediah_254 Start: 145369, Stop: 146397, Start Num: 49

Candidate Starts for Jedediah_254:

(Start: 49 @145369 has 167 MA's), (Start: 62 @145399 has 3 MA's), (68, 145411), (82, 145453), (116, 145516), (Start: 129 @145537 has 1 MA's), (Start: 174 @145621 has 1 MA's), (Start: 203 @145663 has 1 MA's), (207, 145675), (213, 145690), (244, 145759), (257, 145786), (278, 145840), (294, 145885), (295, 145888), (323, 145966), (333, 145987), (381, 146098), (434, 146188), (440, 146206), (493, 146278), (507, 146311),

Gene: Jemmno_252 Start: 144088, Stop: 145116, Start Num: 49

Candidate Starts for Jemmno_252:

(Start: 49 @144088 has 167 MA's), (Start: 62 @144118 has 3 MA's), (68, 144130), (82, 144172), (116, 144235), (Start: 129 @144256 has 1 MA's), (Start: 174 @144340 has 1 MA's), (Start: 203 @144382 has 1 MA's), (207, 144394), (213, 144409), (244, 144478), (257, 144505), (278, 144559), (294, 144604), (295, 144607), (323, 144685), (333, 144706), (381, 144817), (434, 144907), (440, 144925), (493, 144997), (507, 145030),

Gene: JenCasNa_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for JenCasNa_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: JeppNRM_13 Start: 6031, Stop: 6996, Start Num: 59

Candidate Starts for JeppNRM_13:

(Start: 59 @6031 has 93 MA's), (Start: 87 @6097 has 14 MA's), (120, 6151), (Start: 165 @6229 has 123 MA's), (235, 6352), (257, 6409), (296, 6481), (305, 6520), (314, 6538), (342, 6607), (377, 6691), (399, 6724), (410, 6751), (441, 6814), (501, 6904), (503, 6910),

Gene: Jerm_13 Start: 6833, Stop: 7825, Start Num: 84

Candidate Starts for Jerm_13:

(Start: 84 @6833 has 68 MA's), (Start: 97 @6866 has 1 MA's), (Start: 104 @6884 has 1 MA's), (Start: 106 @6887 has 1 MA's), (200, 7055), (Start: 203 @7061 has 1 MA's), (213, 7088), (241, 7148), (257, 7193), (294, 7280), (311, 7325), (341, 7364), (351, 7412), (357, 7427), (390, 7493), (406, 7535), (491, 7622), (541, 7736),

Gene: Jerm2_10 Start: 5731, Stop: 6699, Start Num: 66

Candidate Starts for Jerm2_10:

(Start: 66 @5731 has 202 MA's), (Start: 77 @5764 has 5 MA's), (Start: 86 @5782 has 111 MA's), (Start: 87 @5785 has 14 MA's), (240, 6052), (257, 6103), (263, 6115), (296, 6190), (317, 6253), (333, 6286), (342, 6316), (346, 6334), (353, 6358), (381, 6397), (431, 6478), (440, 6502), (441, 6505), (442, 6508), (463, 6517), (505, 6604), (547, 6691),

Gene: Jessibeth14_252 Start: 145564, Stop: 146592, Start Num: 49

Candidate Starts for Jessibeth14_252:

(Start: 49 @145564 has 167 MA's), (Start: 62 @145594 has 3 MA's), (68, 145606), (82, 145648), (116, 145711), (Start: 129 @145732 has 1 MA's), (Start: 174 @145816 has 1 MA's), (Start: 203 @145858

has 1 MA's), (207, 145870), (213, 145885), (244, 145954), (257, 145981), (278, 146035), (294, 146080), (295, 146083), (323, 146161), (333, 146182), (381, 146293), (434, 146383), (440, 146401), (493, 146473), (507, 146506),

Gene: JetBlade_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for JetBlade_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (545, 6778),

Gene: JigglyPuff_258 Start: 146059, Stop: 147087, Start Num: 49

Candidate Starts for JigglyPuff_258:

(Start: 49 @146059 has 167 MA's), (Start: 62 @146089 has 3 MA's), (68, 146101), (82, 146143), (116, 146206), (Start: 129 @146227 has 1 MA's), (Start: 174 @146311 has 1 MA's), (Start: 203 @146353 has 1 MA's), (207, 146365), (213, 146380), (244, 146449), (257, 146476), (278, 146530), (294, 146575), (295, 146578), (323, 146656), (333, 146677), (381, 146788), (434, 146878), (440, 146896), (493, 146968), (507, 147001),

Gene: Jinglebell_30 Start: 27728, Stop: 28729, Start Num: 55

Candidate Starts for Jinglebell_30:

(2, 27107), (6, 27185), (8, 27248), (12, 27287), (17, 27419), (22, 27440), (25, 27476), (35, 27629), (Start: 55 @27728 has 239 MA's), (Start: 62 @27749 has 3 MA's), (68, 27761), (82, 27803), (95, 27836), (116, 27866), (Start: 129 @27887 has 1 MA's), (Start: 174 @27971 has 1 MA's), (188, 27995), (Start: 203 @28010 has 1 MA's), (207, 28022), (257, 28133), (301, 28247), (307, 28265), (328, 28304), (339, 28328), (346, 28364), (354, 28391), (381, 28430), (440, 28538), (478, 28586), (485, 28598), (505, 28640), (507, 28643), (511, 28655), (527, 28685),

Gene: Job42_35 Start: 29517, Stop: 30518, Start Num: 55

Candidate Starts for Job42_35:

(Start: 55 @29517 has 239 MA's), (82, 29592), (95, 29625), (116, 29655), (Start: 129 @29676 has 1 MA's), (145, 29706), (149, 29718), (Start: 174 @29760 has 1 MA's), (188, 29784), (Start: 203 @29799 has 1 MA's), (207, 29811), (257, 29922), (295, 30006), (301, 30036), (307, 30054), (328, 30093), (339, 30117), (346, 30153), (354, 30180), (381, 30219), (410, 30267), (440, 30327), (478, 30375), (485, 30387), (507, 30432), (511, 30444), (527, 30474),

Gene: Jobu08_12 Start: 6031, Stop: 6996, Start Num: 59

Candidate Starts for Jobu08_12:

(Start: 59 @6031 has 93 MA's), (78, 6076), (Start: 87 @6097 has 14 MA's), (158, 6217), (235, 6355), (257, 6412), (264, 6427), (300, 6508), (305, 6523), (314, 6541), (339, 6592), (342, 6610), (354, 6655), (410, 6751), (441, 6814), (474, 6853), (501, 6904),

Gene: Jobypre_28 Start: 26955, Stop: 27893, Start Num: 117

Candidate Starts for Jobypre_28:

(Start: 74 @26850 has 17 MA's), (Start: 76 @26856 has 22 MA's), (Start: 87 @26883 has 14 MA's), (Start: 94 @26904 has 3 MA's), (117, 26955), (163, 27036), (223, 27141), (255, 27222), (257, 27228), (299, 27324), (303, 27342), (305, 27348), (307, 27354), (342, 27426), (368, 27483), (398, 27543), (431, 27618), (439, 27639), (472, 27663), (479, 27678), (486, 27690), (511, 27747), (555, 27849), (559, 27870),

Gene: JoeDirt_26 Start: 25529, Stop: 26560, Start Num: 54

Candidate Starts for JoeDirt_26:

(Start: 54 @25529 has 29 MA's), (130, 25685), (141, 25709), (147, 25721), (155, 25739), (166, 25757), (176, 25775), (179, 25781), (183, 25790), (196, 25805), (204, 25820), (225, 25868), (235,

25892), (257, 25949), (272, 25988), (302, 26066), (305, 26075), (306, 26078), (314, 26093), (338, 26147), (342, 26168), (345, 26183), (387, 26267), (402, 26297), (441, 26366), (463, 26378), (474, 26402), (481, 26420), (485, 26423), (493, 26435), (495, 26438), (507, 26468), (511, 26480),

Gene: JoeyJr_31 Start: 27687, Stop: 28688, Start Num: 55

Candidate Starts for JoeyJr_31:

(32, 27525), (Start: 55 @27687 has 239 MA's), (82, 27762), (95, 27795), (116, 27825), (Start: 129 @27846 has 1 MA's), (145, 27876), (149, 27888), (Start: 174 @27930 has 1 MA's), (188, 27954), (Start: 203 @27969 has 1 MA's), (207, 27981), (257, 28092), (301, 28206), (307, 28224), (328, 28263), (339, 28287), (346, 28323), (354, 28350), (381, 28389), (410, 28437), (440, 28497), (478, 28545), (485, 28557), (507, 28602), (511, 28614), (527, 28644),

Gene: Jolie1_042 Start: 40346, Stop: 41341, Start Num: 84

Candidate Starts for Jolie1_042:

(Start: 84 @40346 has 68 MA's), (95, 40376), (Start: 104 @40397 has 1 MA's), (Start: 106 @40400 has 1 MA's), (148, 40487), (179, 40535), (229, 40637), (255, 40700), (257, 40706), (271, 40742), (297, 40790), (339, 40883), (342, 40901), (376, 40988), (378, 40991), (405, 41051), (409, 41063), (416, 41075), (422, 41081), (511, 41186), (563, 41318),

Gene: JoongJeon_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for JoongJeon_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Jorgensen_10 Start: 5816, Stop: 6784, Start Num: 66

Candidate Starts for Jorgensen_10:

(Start: 66 @5816 has 202 MA's), (Start: 77 @5849 has 5 MA's), (Start: 86 @5867 has 111 MA's), (Start: 87 @5870 has 14 MA's), (Start: 203 @6059 has 1 MA's), (240, 6137), (257, 6188), (263, 6200), (296, 6275), (317, 6338), (333, 6371), (339, 6383), (342, 6401), (346, 6419), (353, 6443), (381, 6482), (431, 6563), (440, 6587), (441, 6590), (442, 6593), (463, 6602), (505, 6689), (547, 6776),

Gene: JoshKayV_13 Start: 6822, Stop: 7814, Start Num: 84

Candidate Starts for JoshKayV_13:

(Start: 84 @6822 has 68 MA's), (Start: 97 @6855 has 1 MA's), (Start: 104 @6873 has 1 MA's), (Start: 106 @6876 has 1 MA's), (120, 6909), (Start: 203 @7050 has 1 MA's), (213, 7077), (241, 7137), (257, 7182), (294, 7269), (311, 7314), (341, 7353), (351, 7401), (357, 7416), (390, 7482), (406, 7524), (491, 7611), (511, 7659), (541, 7725), (564, 7800),

Gene: Journey13_9 Start: 5628, Stop: 6563, Start Num: 138

Candidate Starts for Journey13_9:

(Start: 138 @5628 has 3 MA's), (190, 5721), (209, 5754), (228, 5796), (230, 5802), (259, 5880), (261, 5883), (343, 6072), (356, 6114), (379, 6153), (391, 6171), (407, 6213), (411, 6222), (440, 6273), (450, 6336), (469, 6405), (509, 6486), (534, 6549),

Gene: Jovo_8 Start: 5464, Stop: 6273, Start Num: 137

Candidate Starts for Jovo_8:

(Start: 137 @5464 has 50 MA's), (169, 5527), (175, 5536), (188, 5557), (209, 5593), (230, 5641), (250, 5698), (261, 5722), (343, 5911), (356, 5953), (391, 6010), (534, 6259),

Gene: Joy99_31 Start: 26423, Stop: 27295, Start Num: 189

Candidate Starts for Joy99_31:

(40, 26093), (128, 26321), (169, 26396), (Start: 189 @26423 has 154 MA's), (Start: 203 @26435 has 1 MA's), (234, 26504), (244, 26531), (253, 26561), (257, 26570), (271, 26606), (274, 26615), (287, 26648), (294, 26666), (302, 26696), (334, 26756), (397, 26891), (405, 26918), (415, 26939), (430, 26963), (447, 27014), (481, 27116), (502, 27152), (511, 27176), (555, 27275), (557, 27284),

Gene: Jsquared_10 Start: 5553, Stop: 6317, Start Num: 197

Candidate Starts for Jsquared_10:

(Start: 197 @5553 has 16 MA's), (257, 5697), (296, 5784), (301, 5811), (302, 5814), (305, 5823), (339, 5892), (342, 5910), (410, 6051), (426, 6078), (434, 6093), (440, 6111), (441, 6114), (501, 6204), (528, 6273),

Gene: Jubie_28 Start: 26851, Stop: 27894, Start Num: 74

Candidate Starts for Jubie_28:

(Start: 74 @26851 has 17 MA's), (Start: 76 @26857 has 22 MA's), (Start: 87 @26884 has 14 MA's), (Start: 94 @26905 has 3 MA's), (117, 26956), (163, 27037), (223, 27142), (255, 27223), (257, 27229), (299, 27325), (303, 27343), (305, 27349), (307, 27355), (342, 27427), (368, 27484), (398, 27544), (431, 27619), (439, 27640), (472, 27664), (479, 27679), (486, 27691), (511, 27748), (555, 27850), (559, 27871),

Gene: Juice456_32 Start: 28821, Stop: 29822, Start Num: 55

Candidate Starts for Juice456_32:

(Start: 55 @28821 has 239 MA's), (82, 28896), (95, 28929), (116, 28959), (Start: 129 @28980 has 1 MA's), (Start: 174 @29064 has 1 MA's), (207, 29115), (213, 29130), (257, 29226), (300, 29337), (307, 29358), (328, 29397), (333, 29409), (346, 29457), (354, 29484), (366, 29508), (381, 29523), (440, 29631), (478, 29679), (511, 29748), (527, 29778),

Gene: JuicyJay_51 Start: 44324, Stop: 45190, Start Num: 108

Candidate Starts for JuicyJay_51:

(Start: 108 @44324 has 40 MA's), (Start: 122 @44351 has 1 MA's), (135, 44372), (181, 44459), (195, 44480), (218, 44525), (228, 44546), (240, 44567), (260, 44621), (283, 44672), (299, 44723), (369, 44873), (396, 44915), (415, 44966), (429, 44984), (474, 45050), (479, 45062), (483, 45071), (501, 45101), (526, 45164),

Gene: JuliaChild_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for JuliaChild_12:

(Start: 66 @6491 has 202 MA's), (Start: 77 @6524 has 5 MA's), (Start: 86 @6542 has 111 MA's), (Start: 87 @6545 has 14 MA's), (240, 6812), (257, 6863), (263, 6875), (296, 6950), (317, 7013), (324, 7025), (333, 7046), (342, 7076), (346, 7094), (353, 7118), (381, 7157), (431, 7238), (440, 7262), (441, 7265), (442, 7268), (463, 7277), (505, 7364), (527, 7409), (547, 7451),

Gene: JulietS_244 Start: 141668, Stop: 142696, Start Num: 49

Candidate Starts for JulietS_244:

(Start: 49 @141668 has 167 MA's), (Start: 62 @141698 has 3 MA's), (82, 141752), (116, 141815), (Start: 129 @141836 has 1 MA's), (Start: 174 @141920 has 1 MA's), (Start: 203 @141962 has 1 MA's), (207, 141974), (213, 141989), (244, 142058), (257, 142085), (278, 142139), (294, 142184), (295, 142187), (323, 142265), (333, 142286), (381, 142397), (434, 142487), (440, 142505), (493, 142577), (507, 142610),

Gene: Juliette_34 Start: 27788, Stop: 28579, Start Num: 173

Candidate Starts for Juliette_34:

(Start: 173 @27788 has 20 MA's), (Start: 203 @27821 has 1 MA's), (219, 27854), (229, 27878), (239, 27899), (243, 27908), (251, 27938), (253, 27947), (257, 27956), (271, 27992), (304, 28073), (397, 28280), (405, 28307), (415, 28328), (430, 28352), (479, 28376), (507, 28430), (511, 28442), (545,

28514),

Gene: Juniper1_31 Start: 27486, Stop: 28487, Start Num: 55

Candidate Starts for Juniper1_31:

(35, 27387), (Start: 55 @27486 has 239 MA's), (82, 27561), (95, 27594), (116, 27624), (Start: 129 @27645 has 1 MA's), (Start: 174 @27729 has 1 MA's), (188, 27753), (Start: 203 @27768 has 1 MA's), (207, 27780), (257, 27891), (301, 28005), (307, 28023), (328, 28062), (339, 28086), (346, 28122), (354, 28149), (381, 28188), (410, 28236), (440, 28296), (485, 28356), (507, 28401), (511, 28413), (527, 28443),

Gene: JustHall_246 Start: 143618, Stop: 144646, Start Num: 49

Candidate Starts for JustHall_246:

(Start: 49 @143618 has 167 MA's), (Start: 62 @143648 has 3 MA's), (68, 143660), (82, 143702), (116, 143765), (Start: 129 @143786 has 1 MA's), (Start: 174 @143870 has 1 MA's), (Start: 203 @143912 has 1 MA's), (207, 143924), (213, 143939), (244, 144008), (257, 144035), (278, 144089), (294, 144134), (295, 144137), (323, 144215), (333, 144236), (381, 144347), (434, 144437), (440, 144455), (493, 144527), (507, 144560),

Gene: KADY_13 Start: 6046, Stop: 7011, Start Num: 59

Candidate Starts for KADY_13:

(Start: 59 @6046 has 93 MA's), (78, 6091), (Start: 87 @6112 has 14 MA's), (158, 6232), (235, 6370), (257, 6427), (264, 6442), (300, 6523), (305, 6538), (314, 6556), (339, 6607), (342, 6625), (354, 6670), (410, 6766), (441, 6829), (501, 6919),

Gene: KBG_11 Start: 6924, Stop: 7892, Start Num: 66

Candidate Starts for KBG_11:

(Start: 66 @6924 has 202 MA's), (Start: 77 @6957 has 5 MA's), (Start: 86 @6975 has 111 MA's), (Start: 87 @6978 has 14 MA's), (240, 7245), (257, 7296), (263, 7308), (296, 7383), (317, 7446), (324, 7458), (333, 7479), (339, 7491), (342, 7509), (346, 7527), (353, 7551), (381, 7590), (431, 7671), (440, 7695), (441, 7698), (442, 7701), (463, 7710), (505, 7797), (547, 7884),

Gene: KFPoly_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for KFPoly_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: KSSJEB_9 Start: 5491, Stop: 6459, Start Num: 66

Candidate Starts for KSSJEB_9:

(Start: 66 @5491 has 202 MA's), (Start: 77 @5524 has 5 MA's), (Start: 86 @5542 has 111 MA's), (Start: 87 @5545 has 14 MA's), (240, 5812), (244, 5830), (257, 5863), (263, 5875), (296, 5950), (317, 6013), (333, 6046), (339, 6058), (342, 6076), (345, 6091), (346, 6094), (353, 6118), (381, 6157), (431, 6238), (440, 6262), (441, 6265), (442, 6268), (463, 6277), (505, 6364), (547, 6451),

Gene: Kachowdy_10 Start: 5790, Stop: 6530, Start Num: 189

Candidate Starts for Kachowdy_10:

(Start: 189 @5790 has 154 MA's), (235, 5877), (257, 5934), (263, 5946), (264, 5949), (272, 5973), (285, 5988), (290, 6006), (300, 6036), (302, 6042), (314, 6069), (342, 6138), (368, 6210), (399, 6252), (410, 6279), (426, 6306), (440, 6339), (441, 6342), (474, 6381), (549, 6522),

Gene: Kahlid_28 Start: 26308, Stop: 27279, Start Num: 76

Candidate Starts for Kahlid_28:

(Start: 76 @26308 has 22 MA's), (Start: 97 @26362 has 1 MA's), (154, 26482), (172, 26512), (180, 26527), (Start: 203 @26560 has 1 MA's), (204, 26563), (207, 26572), (219, 26593), (244, 26656), (257, 26683), (266, 26707), (279, 26737), (301, 26788), (305, 26800), (340, 26863), (342, 26878), (361, 26938), (370, 26953), (405, 27034), (413, 27052), (415, 27055), (420, 27058), (484, 27109), (507, 27154), (525, 27196), (547, 27238),

Gene: Kalah2_49 Start: 42912, Stop: 43784, Start Num: 108

Candidate Starts for Kalah2_49:

(Start: 108 @42912 has 40 MA's), (Start: 122 @42939 has 1 MA's), (153, 42999), (181, 43047), (218, 43113), (228, 43134), (240, 43155), (260, 43209), (292, 43290), (427, 43569), (429, 43572), (453, 43596), (471, 43632), (478, 43647), (483, 43659), (498, 43680),

Gene: Kalb97_13 Start: 6031, Stop: 6996, Start Num: 59

Candidate Starts for Kalb97_13:

(Start: 59 @6031 has 93 MA's), (Start: 87 @6097 has 14 MA's), (120, 6151), (Start: 165 @6229 has 123 MA's), (235, 6352), (257, 6409), (296, 6481), (305, 6520), (314, 6538), (342, 6607), (399, 6724), (410, 6751), (441, 6814), (501, 6904), (503, 6910),

Gene: Kalnoky_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Kalnoky_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: Kalpine_14 Start: 8215, Stop: 9192, Start Num: 67

Candidate Starts for Kalpine_14:

(48, 8173), (Start: 67 @8215 has 52 MA's), (Start: 87 @8269 has 14 MA's), (235, 8506), (257, 8563), (296, 8647), (305, 8686), (339, 8755), (340, 8758), (342, 8773), (362, 8836), (389, 8878), (410, 8926), (426, 8953), (434, 8968), (440, 8986), (441, 8989),

Gene: Kamiyu_47 Start: 41505, Stop: 42569, Start Num: 102

Candidate Starts for Kamiyu_47:

(Start: 102 @41505 has 45 MA's), (134, 41568), (179, 41649), (212, 41715), (222, 41730), (226, 41742), (237, 41769), (256, 41826), (260, 41835), (323, 41982), (332, 41997), (349, 42051), (366, 42084), (388, 42123), (396, 42135), (432, 42216), (442, 42234), (443, 42237), (478, 42393), (529, 42504), (540, 42525), (553, 42558),

Gene: Kampy_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Kampy_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Kamryn_251 Start: 145208, Stop: 146236, Start Num: 49

Candidate Starts for Kamryn_251:

(Start: 49 @145208 has 167 MA's), (Start: 62 @145238 has 3 MA's), (68, 145250), (82, 145292), (116, 145355), (Start: 129 @145376 has 1 MA's), (Start: 174 @145460 has 1 MA's), (Start: 203 @145502 has 1 MA's), (207, 145514), (213, 145529), (244, 145598), (257, 145625), (278, 145679), (294, 145724), (295, 145727), (323, 145805), (333, 145826), (381, 145937), (434, 146027), (440, 146045), (493, 146117), (507, 146150),

Gene: Kanely_11 Start: 6601, Stop: 7569, Start Num: 66

Candidate Starts for Kanely_11:

(Start: 66 @6601 has 202 MA's), (Start: 77 @6634 has 5 MA's), (Start: 86 @6652 has 111 MA's), (Start: 87 @6655 has 14 MA's), (240, 6922), (257, 6973), (263, 6985), (296, 7060), (317, 7123), (333, 7156), (339, 7168), (342, 7186), (346, 7204), (353, 7228), (381, 7267), (431, 7348), (440, 7372), (441, 7375), (442, 7378), (463, 7387), (505, 7474), (547, 7561),

Gene: Kanye_37 Start: 32844, Stop: 33701, Start Num: 165

Candidate Starts for Kanye_37:

(Start: 165 @32844 has 123 MA's), (185, 32883), (207, 32913), (217, 32934), (233, 32970), (244, 33000), (276, 33075), (296, 33123), (298, 33126), (301, 33150), (302, 33153), (307, 33168), (381, 33339), (435, 33453), (440, 33468), (442, 33474), (478, 33516), (479, 33519), (507, 33573), (539, 33651), (552, 33684),

Gene: Karhdo_31 Start: 27651, Stop: 28652, Start Num: 55

Candidate Starts for Karhdo_31:

(3, 27030), (7, 27108), (9, 27171), (13, 27210), (22, 27363), (25, 27399), (Start: 55 @27651 has 239 MA's), (Start: 62 @27672 has 3 MA's), (68, 27684), (82, 27726), (116, 27789), (Start: 129 @27810 has 1 MA's), (145, 27840), (Start: 174 @27894 has 1 MA's), (188, 27918), (207, 27945), (257, 28056), (301, 28170), (307, 28188), (328, 28227), (339, 28251), (346, 28287), (354, 28314), (381, 28353), (410, 28401), (440, 28461), (485, 28521), (511, 28578), (527, 28608),

Gene: KashFlow_42 Start: 36675, Stop: 37547, Start Num: 108

Candidate Starts for KashFlow_42:

(46, 36504), (Start: 108 @36675 has 40 MA's), (Start: 122 @36702 has 1 MA's), (153, 36762), (188, 36819), (195, 36831), (218, 36876), (228, 36897), (240, 36918), (260, 36972), (292, 37053), (348, 37194), (427, 37332), (429, 37335), (453, 37359), (471, 37395), (478, 37410), (483, 37422), (498, 37443),

Gene: Katalie136_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for Katalie136_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (255, 6241), (257, 6247), (263, 6259), (273, 6289), (297, 6331), (311, 6379), (334, 6409), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: KayaCho_42 Start: 40350, Stop: 41360, Start Num: 84

Candidate Starts for KayaCho_42:

(Start: 84 @40350 has 68 MA's), (95, 40380), (Start: 104 @40401 has 1 MA's), (Start: 106 @40404 has 1 MA's), (148, 40491), (255, 40704), (257, 40710), (281, 40767), (282, 40773), (297, 40794), (330, 40884), (342, 40920), (376, 41007), (405, 41070), (409, 41082), (416, 41094), (479, 41139), (507, 41193), (511, 41205), (563, 41337),

Gene: Kboogie_256 Start: 144247, Stop: 145275, Start Num: 49

Candidate Starts for Kboogie_256:

(Start: 49 @144247 has 167 MA's), (Start: 62 @144277 has 3 MA's), (68, 144289), (82, 144331), (116, 144394), (Start: 129 @144415 has 1 MA's), (Start: 174 @144499 has 1 MA's), (Start: 203 @144541 has 1 MA's), (207, 144553), (213, 144568), (244, 144637), (257, 144664), (278, 144718), (294, 144763), (295, 144766), (323, 144844), (333, 144865), (381, 144976), (434, 145066), (440, 145084), (493, 145156), (507, 145189),

Gene: Kenmech_12 Start: 6603, Stop: 7571, Start Num: 66

Candidate Starts for Kenmech_12:

(Start: 66 @6603 has 202 MA's), (Start: 77 @6636 has 5 MA's), (Start: 86 @6654 has 111 MA's), (Start: 87 @6657 has 14 MA's), (240, 6924), (257, 6975), (263, 6987), (296, 7062), (333, 7158), (342, 7188), (346, 7206), (353, 7230), (381, 7269), (431, 7350), (440, 7374), (441, 7377), (442, 7380), (463,

7389), (505, 7476), (527, 7521), (547, 7563),

Gene: Kenuha5_28 Start: 26636, Stop: 27637, Start Num: 55

Candidate Starts for Kenuha5_28:

(Start: 55 @26636 has 239 MA's), (82, 26711), (95, 26744), (116, 26774), (Start: 129 @26795 has 1 MA's), (145, 26825), (149, 26837), (Start: 174 @26879 has 1 MA's), (207, 26930), (213, 26945), (257, 27041), (300, 27152), (307, 27173), (328, 27212), (333, 27224), (346, 27272), (354, 27299), (366, 27323), (381, 27338), (440, 27446), (478, 27494), (511, 27563), (527, 27593),

Gene: Kerberos_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for Kerberos_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (399, 7068), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: Kersh_30 Start: 28727, Stop: 29728, Start Num: 55

Candidate Starts for Kersh_30:

(35, 28628), (Start: 55 @28727 has 239 MA's), (Start: 62 @28748 has 3 MA's), (68, 28760), (82, 28802), (95, 28835), (116, 28865), (Start: 129 @28886 has 1 MA's), (Start: 174 @28970 has 1 MA's), (188, 28994), (Start: 203 @29009 has 1 MA's), (207, 29021), (257, 29132), (301, 29246), (307, 29264), (328, 29303), (339, 29327), (346, 29363), (354, 29390), (381, 29429), (410, 29477), (440, 29537), (478, 29585), (485, 29597), (507, 29642), (511, 29654), (527, 29684),

Gene: Keshu_32 Start: 27384, Stop: 28172, Start Num: 189

Candidate Starts for Keshu_32:

(169, 27360), (Start: 189 @27384 has 154 MA's), (219, 27429), (234, 27465), (253, 27522), (257, 27531), (271, 27567), (294, 27621), (300, 27645), (362, 27786), (397, 27849), (405, 27891), (415, 27912), (420, 27918), (430, 27936), (478, 27966), (511, 28035), (545, 28107), (555, 28137),

Gene: Khaleesi_251 Start: 145031, Stop: 146059, Start Num: 49

Candidate Starts for Khaleesi_251:

(Start: 49 @145031 has 167 MA's), (Start: 62 @145061 has 3 MA's), (68, 145073), (82, 145115), (116, 145178), (Start: 129 @145199 has 1 MA's), (Start: 174 @145283 has 1 MA's), (Start: 203 @145325 has 1 MA's), (207, 145337), (213, 145352), (244, 145421), (257, 145448), (278, 145502), (294, 145547), (295, 145550), (323, 145628), (333, 145649), (381, 145760), (434, 145850), (440, 145868), (493, 145940), (507, 145973),

Gene: KiSi_30 Start: 25623, Stop: 26363, Start Num: 189

Candidate Starts for KiSi_30:

(128, 25521), (Start: 138 @25542 has 3 MA's), (159, 25575), (169, 25596), (Start: 189 @25623 has 154 MA's), (219, 25668), (234, 25704), (257, 25761), (271, 25797), (287, 25839), (302, 25887), (334, 25947), (397, 26082), (405, 26109), (420, 26136), (430, 26154), (479, 26178), (502, 26220), (510, 26241), (511, 26244), (555, 26343),

Gene: Killigrew_8 Start: 5466, Stop: 6434, Start Num: 66

Candidate Starts for Killigrew_8:

(Start: 66 @5466 has 202 MA's), (Start: 77 @5499 has 5 MA's), (Start: 86 @5517 has 111 MA's), (Start: 87 @5520 has 14 MA's), (240, 5787), (244, 5805), (257, 5838), (263, 5850), (296, 5925), (317, 5988), (333, 6021), (342, 6051), (346, 6069), (353, 6093), (381, 6132), (431, 6213), (440, 6237), (441, 6240), (442, 6243), (463, 6252), (505, 6339), (547, 6426),

Gene: Kimberlium_33 Start: 28888, Stop: 29646, Start Num: 174

Candidate Starts for Kimberlium_33:

(Start: 174 @28888 has 1 MA's), (188, 28912), (Start: 203 @28927 has 1 MA's), (207, 28939), (257, 29050), (301, 29164), (307, 29182), (328, 29221), (339, 29245), (346, 29281), (354, 29308), (381, 29347), (440, 29455), (478, 29503), (485, 29515), (507, 29560), (511, 29572), (527, 29602),

Gene: Kimchi_37 Start: 31851, Stop: 32708, Start Num: 165

Candidate Starts for Kimchi_37:

(Start: 165 @31851 has 123 MA's), (185, 31890), (207, 31920), (217, 31941), (233, 31977), (244, 32007), (276, 32082), (296, 32130), (298, 32133), (301, 32157), (302, 32160), (307, 32175), (381, 32346), (435, 32460), (440, 32475), (442, 32481), (478, 32523), (479, 32526), (507, 32580), (539, 32658), (552, 32691),

Gene: Kimona_7 Start: 3551, Stop: 4285, Start Num: 199

Candidate Starts for Kimona_7:

(98, 3389), (Start: 199 @3551 has 2 MA's), (257, 3692), (264, 3707), (272, 3731), (302, 3800), (314, 3827), (342, 3896), (410, 4037), (426, 4064), (441, 4100), (474, 4139), (539, 4262),

Gene: KingCyrus_13 Start: 6810, Stop: 7802, Start Num: 84

Candidate Starts for KingCyrus_13:

(Start: 84 @6810 has 68 MA's), (Start: 104 @6861 has 1 MA's), (Start: 106 @6864 has 1 MA's), (131, 6912), (Start: 203 @7038 has 1 MA's), (213, 7065), (241, 7125), (257, 7170), (294, 7257), (311, 7302), (341, 7341), (351, 7389), (357, 7404), (390, 7470), (400, 7494), (406, 7512), (491, 7599), (511, 7647), (541, 7713), (564, 7788),

Gene: KingMidas_33 Start: 29367, Stop: 30383, Start Num: 55

Candidate Starts for KingMidas_33:

(31, 29223), (34, 29295), (Start: 55 @29367 has 239 MA's), (Start: 107 @29499 has 3 MA's), (116, 29520), (Start: 129 @29541 has 1 MA's), (Start: 174 @29625 has 1 MA's), (207, 29676), (257, 29787), (300, 29898), (307, 29919), (328, 29958), (333, 29970), (346, 30018), (354, 30045), (366, 30069), (381, 30084), (440, 30192), (485, 30252), (511, 30309), (527, 30339),

Gene: Kingmustik0402_10 Start: 5873, Stop: 6853, Start Num: 86

Candidate Starts for Kingmustik0402_10:

(Start: 86 @5873 has 111 MA's), (Start: 87 @5876 has 14 MA's), (95, 5900), (Start: 104 @5921 has 1 MA's), (Start: 106 @5924 has 1 MA's), (234, 6173), (257, 6230), (282, 6293), (297, 6314), (300, 6335), (311, 6362), (334, 6392), (342, 6419), (405, 6569), (502, 6680), (507, 6692), (511, 6704), (545, 6770),

Gene: Kingsley_30 Start: 27238, Stop: 28308, Start Num: 113

Candidate Starts for Kingsley_30:

(91, 27187), (Start: 113 @27238 has 21 MA's), (Start: 129 @27265 has 1 MA's), (143, 27292), (146, 27301), (179, 27361), (195, 27388), (226, 27454), (245, 27508), (260, 27550), (278, 27601), (323, 27715), (337, 27748), (358, 27823), (369, 27844), (432, 27973), (448, 28045), (472, 28141), (478, 28153), (511, 28222), (537, 28279), (542, 28288),

Gene: Kingsolomon_28 Start: 26850, Stop: 27893, Start Num: 74

Candidate Starts for Kingsolomon_28:

(Start: 74 @26850 has 17 MA's), (Start: 76 @26856 has 22 MA's), (Start: 87 @26883 has 14 MA's), (Start: 94 @26904 has 3 MA's), (117, 26955), (163, 27036), (223, 27141), (255, 27222), (257, 27228), (299, 27324), (303, 27342), (305, 27348), (307, 27354), (342, 27426), (368, 27483), (398, 27543), (431, 27618), (439, 27639), (472, 27663), (479, 27678), (486, 27690), (511, 27747), (555, 27849), (559, 27870),

Gene: Kinmap_10 Start: 6423, Stop: 7412, Start Num: 84

Candidate Starts for Kinmap_10:

(Start: 84 @6423 has 68 MA's), (95, 6453), (101, 6468), (Start: 106 @6477 has 1 MA's), (255, 6777), (257, 6783), (269, 6816), (271, 6819), (297, 6858), (311, 6906), (342, 6972), (405, 7122), (484, 7200), (497, 7215), (511, 7257), (525, 7293), (545, 7329),

Gene: KirDoubleO7_26 Start: 26843, Stop: 27886, Start Num: 74

Candidate Starts for KirDoubleO7_26:

(Start: 74 @26843 has 17 MA's), (Start: 76 @26849 has 22 MA's), (Start: 87 @26876 has 14 MA's), (Start: 94 @26897 has 3 MA's), (117, 26948), (163, 27029), (223, 27134), (255, 27215), (257, 27221), (273, 27263), (299, 27317), (303, 27335), (305, 27341), (307, 27347), (342, 27419), (368, 27476), (398, 27536), (431, 27611), (472, 27656), (479, 27671), (481, 27677), (511, 27740), (555, 27842), (559, 27863), (561, 27869),

Gene: KittenMittens_9 Start: 3781, Stop: 4755, Start Num: 67

Candidate Starts for KittenMittens_9:

(38, 3742), (Start: 67 @3781 has 52 MA's), (78, 3814), (Start: 87 @3835 has 14 MA's), (185, 4003), (207, 4045), (213, 4060), (257, 4165), (296, 4237), (301, 4264), (302, 4267), (305, 4276), (342, 4363), (410, 4510), (441, 4573), (474, 4612), (498, 4654),

Gene: Klein_49 Start: 42136, Stop: 43002, Start Num: 108

Candidate Starts for Klein_49:

(Start: 108 @42136 has 40 MA's), (Start: 122 @42163 has 1 MA's), (135, 42184), (181, 42271), (195, 42292), (218, 42337), (228, 42358), (240, 42379), (260, 42433), (283, 42484), (299, 42535), (369, 42685), (396, 42727), (415, 42778), (429, 42796), (474, 42862), (479, 42874), (483, 42883), (501, 42913), (526, 42976),

Gene: Klocker_50 Start: 44291, Stop: 45292, Start Num: 83

Candidate Starts for Klocker_50:

(Start: 83 @44291 has 4 MA's), (95, 44321), (Start: 104 @44342 has 1 MA's), (Start: 106 @44345 has 1 MA's), (131, 44393), (148, 44432), (Start: 203 @44519 has 1 MA's), (255, 44645), (257, 44651), (271, 44687), (282, 44714), (297, 44735), (318, 44798), (333, 44816), (342, 44846), (348, 44876), (381, 44942), (414, 45017), (416, 45020), (478, 45062), (481, 45071), (511, 45131), (515, 45140), (560, 45251), (563, 45263), (566, 45281),

Gene: Koduck_11 Start: 5840, Stop: 6604, Start Num: 197

Candidate Starts for Koduck_11:

(Start: 197 @5840 has 16 MA's), (257, 5984), (301, 6098), (302, 6101), (305, 6110), (342, 6197), (362, 6260), (410, 6338), (426, 6365), (434, 6380), (440, 6398), (441, 6401), (501, 6491), (528, 6560),

Gene: Koella_25 Start: 23673, Stop: 24674, Start Num: 55

Candidate Starts for Koella_25:

(Start: 55 @23673 has 239 MA's), (Start: 62 @23694 has 3 MA's), (68, 23706), (82, 23748), (116, 23811), (Start: 129 @23832 has 1 MA's), (145, 23862), (Start: 174 @23916 has 1 MA's), (188, 23940), (Start: 203 @23955 has 1 MA's), (207, 23967), (257, 24078), (301, 24192), (307, 24210), (328, 24249), (339, 24273), (346, 24309), (354, 24336), (381, 24375), (410, 24423), (440, 24483), (485, 24543), (511, 24600), (527, 24630),

Gene: Koguma_251 Start: 143830, Stop: 144858, Start Num: 49

Candidate Starts for Koguma_251:

(Start: 49 @143830 has 167 MA's), (Start: 62 @143860 has 3 MA's), (68, 143872), (82, 143914), (116, 143977), (Start: 129 @143998 has 1 MA's), (Start: 174 @144082 has 1 MA's), (Start: 203 @144124 has 1 MA's), (207, 144136), (213, 144151), (244, 144220), (257, 144247), (278, 144301), (294, 144346), (295, 144349), (323, 144427), (333, 144448), (381, 144559), (434, 144649), (440, 144667), (493, 144739), (507, 144772),

Gene: Koreni_9 Start: 5530, Stop: 6510, Start Num: 86

Candidate Starts for Koreni_9:

(Start: 86 @5530 has 111 MA's), (Start: 87 @5533 has 14 MA's), (95, 5557), (Start: 104 @5578 has 1 MA's), (Start: 106 @5581 has 1 MA's), (234, 5830), (257, 5887), (297, 5971), (300, 5992), (311, 6019), (342, 6076), (405, 6226), (502, 6337), (507, 6349), (511, 6361), (545, 6427),

Gene: Kostya_36 Start: 31859, Stop: 32716, Start Num: 165

Candidate Starts for Kostya_36:

(Start: 165 @31859 has 123 MA's), (185, 31898), (207, 31928), (217, 31949), (233, 31985), (244, 32015), (276, 32090), (296, 32138), (298, 32141), (301, 32165), (302, 32168), (307, 32183), (381, 32354), (435, 32468), (440, 32483), (442, 32489), (478, 32531), (479, 32534), (507, 32588), (539, 32666), (552, 32699),

Gene: Krakatau_32 Start: 28214, Stop: 29215, Start Num: 55

Candidate Starts for Krakatau_32:

(Start: 55 @28214 has 239 MA's), (Start: 62 @28235 has 3 MA's), (68, 28247), (82, 28289), (116, 28352), (Start: 129 @28373 has 1 MA's), (145, 28403), (Start: 174 @28457 has 1 MA's), (188, 28481), (207, 28508), (257, 28619), (301, 28733), (307, 28751), (328, 28790), (339, 28814), (346, 28850), (354, 28877), (381, 28916), (410, 28964), (440, 29024), (485, 29084), (511, 29141), (527, 29171),

Gene: Kratak_10 Start: 5876, Stop: 6856, Start Num: 86

Candidate Starts for Kratak_10:

(Start: 86 @5876 has 111 MA's), (95, 5903), (Start: 106 @5927 has 1 MA's), (Start: 199 @6092 has 2 MA's), (234, 6176), (257, 6233), (263, 6245), (282, 6296), (297, 6317), (300, 6338), (311, 6365), (333, 6392), (342, 6422), (405, 6572), (507, 6695), (511, 6707), (545, 6773),

Gene: Kratio_29 Start: 26874, Stop: 27623, Start Num: 203

Candidate Starts for Kratio_29:

(159, 26814), (Start: 187 @26862 has 16 MA's), (Start: 203 @26874 has 1 MA's), (204, 26877), (206, 26880), (219, 26907), (234, 26943), (255, 27003), (257, 27009), (268, 27039), (271, 27045), (274, 27054), (287, 27087), (300, 27129), (301, 27132), (305, 27144), (323, 27180), (334, 27195), (344, 27231), (397, 27330), (405, 27357), (415, 27378), (481, 27441), (498, 27465), (507, 27489), (536, 27558), (555, 27603), (557, 27612),

Gene: Kraw_33 Start: 27553, Stop: 28344, Start Num: 173

Candidate Starts for Kraw_33:

(Start: 173 @27553 has 20 MA's), (Start: 203 @27586 has 1 MA's), (219, 27619), (229, 27643), (239, 27664), (253, 27712), (257, 27721), (271, 27757), (304, 27838), (397, 28045), (405, 28072), (408, 28078), (415, 28093), (430, 28117), (479, 28141), (496, 28162), (507, 28195), (511, 28207), (545, 28279),

Gene: Kremtemulon_10 Start: 5926, Stop: 6906, Start Num: 86

Candidate Starts for Kremtemulon_10:

(Start: 86 @5926 has 111 MA's), (95, 5953), (Start: 104 @5974 has 1 MA's), (Start: 106 @5977 has 1 MA's), (234, 6226), (255, 6277), (257, 6283), (263, 6295), (289, 6358), (297, 6367), (311, 6415), (342, 6472), (405, 6622), (416, 6646), (474, 6679), (503, 6736), (511, 6757), (545, 6823), (565, 6898),

Gene: Krili_66 Start: 42929, Stop: 43969, Start Num: 55

Candidate Starts for Krili_66:

(Start: 55 @42929 has 239 MA's), (82, 43004), (116, 43085), (119, 43091), (Start: 129 @43106 has 1 MA's), (172, 43187), (Start: 174 @43190 has 1 MA's), (207, 43244), (213, 43259), (257, 43355), (272, 43394), (284, 43424), (294, 43454), (295, 43457), (302, 43490), (333, 43556), (344, 43595), (346,

43604), (354, 43631), (381, 43670), (488, 43844), (511, 43895),

Gene: KristaRAM_32 Start: 28344, Stop: 29345, Start Num: 55

Candidate Starts for KristaRAM_32:

(Start: 55 @28344 has 239 MA's), (82, 28419), (95, 28452), (116, 28482), (Start: 129 @28503 has 1 MA's), (Start: 174 @28587 has 1 MA's), (207, 28638), (213, 28653), (257, 28749), (300, 28860), (307, 28881), (328, 28920), (333, 28932), (346, 28980), (354, 29007), (366, 29031), (381, 29046), (440, 29154), (478, 29202), (511, 29271), (527, 29301),

Gene: Kristoff_11 Start: 5884, Stop: 6858, Start Num: 67

Candidate Starts for Kristoff_11:

(Start: 67 @5884 has 52 MA's), (Start: 87 @5938 has 14 MA's), (176, 6091), (257, 6253), (264, 6268), (271, 6289), (300, 6361), (302, 6367), (305, 6376), (339, 6445), (342, 6463), (354, 6508), (362, 6526), (410, 6604), (426, 6631), (434, 6646), (441, 6667), (474, 6706), (501, 6757), (517, 6799), (550, 6850),

Gene: Kronus_46 Start: 42116, Stop: 43180, Start Num: 102

Candidate Starts for Kronus_46:

(Start: 102 @42116 has 45 MA's), (134, 42179), (179, 42260), (212, 42326), (222, 42341), (226, 42353), (237, 42380), (256, 42437), (260, 42446), (323, 42593), (332, 42608), (349, 42662), (366, 42695), (388, 42734), (396, 42746), (432, 42827), (442, 42845), (443, 42848), (448, 42893), (478, 43004), (529, 43115), (540, 43136), (553, 43169),

Gene: Krueger_31 Start: 25731, Stop: 26474, Start Num: 189

Candidate Starts for Krueger_31:

(50, 25440), (65, 25482), (128, 25629), (Start: 138 @25650 has 3 MA's), (159, 25683), (169, 25704), (Start: 189 @25731 has 154 MA's), (215, 25773), (219, 25779), (234, 25815), (253, 25863), (257, 25872), (271, 25908), (287, 25950), (334, 26058), (397, 26193), (401, 26208), (405, 26220), (415, 26241), (437, 26256), (438, 26259), (451, 26265), (507, 26343), (543, 26424), (552, 26445), (555, 26454),

Gene: Krypton555_28 Start: 26752, Stop: 27795, Start Num: 74

Candidate Starts for Krypton555_28:

(Start: 74 @26752 has 17 MA's), (Start: 76 @26758 has 22 MA's), (78, 26764), (Start: 87 @26785 has 14 MA's), (Start: 94 @26806 has 3 MA's), (117, 26857), (136, 26887), (163, 26938), (180, 26971), (188, 26983), (223, 27043), (255, 27124), (257, 27130), (274, 27175), (299, 27226), (303, 27244), (305, 27250), (307, 27256), (342, 27328), (368, 27385), (398, 27445), (431, 27520), (439, 27541), (472, 27565), (479, 27580), (481, 27586), (511, 27649), (555, 27751), (559, 27772), (561, 27778),

Gene: Kugel_11 Start: 6058, Stop: 7026, Start Num: 66

Candidate Starts for Kugel_11:

(Start: 66 @6058 has 202 MA's), (Start: 77 @6091 has 5 MA's), (Start: 86 @6109 has 111 MA's), (Start: 87 @6112 has 14 MA's), (240, 6379), (257, 6430), (263, 6442), (296, 6517), (317, 6580), (324, 6592), (333, 6613), (339, 6625), (342, 6643), (346, 6661), (353, 6685), (381, 6724), (431, 6805), (440, 6829), (441, 6832), (442, 6835), (463, 6844), (505, 6931), (527, 6976), (547, 7018),

Gene: Kumao_39 Start: 34279, Stop: 35301, Start Num: 73

Candidate Starts for Kumao_39:

(56, 34234), (Start: 73 @34279 has 10 MA's), (Start: 81 @34306 has 1 MA's), (88, 34321), (109, 34375), (132, 34417), (Start: 137 @34429 has 50 MA's), (181, 34510), (207, 34549), (217, 34567), (229, 34594), (231, 34600), (241, 34621), (253, 34654), (257, 34663), (274, 34708), (290, 34741), (300, 34774), (301, 34777), (302, 34780), (305, 34789), (310, 34801), (312, 34804), (368, 34936), (405, 35029), (478, 35095), (481, 35104), (484, 35107), (486, 35110), (502, 35140), (507, 35152), (514, 35170), (555, 35263), (560, 35287),

Gene: KyMonks1A_12 Start: 6335, Stop: 7303, Start Num: 66

Candidate Starts for KyMonks1A_12:

(Start: 66 @6335 has 202 MA's), (Start: 77 @6368 has 5 MA's), (Start: 86 @6386 has 111 MA's), (Start: 87 @6389 has 14 MA's), (240, 6656), (257, 6707), (263, 6719), (296, 6794), (317, 6857), (324, 6869), (333, 6890), (339, 6902), (342, 6920), (346, 6938), (353, 6962), (381, 7001), (431, 7082), (440, 7106), (441, 7109), (442, 7112), (463, 7121), (505, 7208), (547, 7295),

Gene: Kyee_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Kyee_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713),

Gene: Kykar_8 Start: 5555, Stop: 6523, Start Num: 66

Candidate Starts for Kykar_8:

(Start: 66 @5555 has 202 MA's), (Start: 77 @5588 has 5 MA's), (Start: 86 @5606 has 111 MA's), (Start: 87 @5609 has 14 MA's), (240, 5876), (244, 5894), (257, 5927), (263, 5939), (296, 6014), (317, 6077), (329, 6101), (342, 6140), (346, 6158), (381, 6221), (431, 6302), (440, 6326), (441, 6329), (442, 6332), (463, 6341), (505, 6428), (527, 6473), (547, 6515),

Gene: L5_12 Start: 5848, Stop: 6612, Start Num: 197

Candidate Starts for L5_12:

(Start: 197 @5848 has 16 MA's), (257, 5992), (301, 6106), (302, 6109), (305, 6118), (342, 6205), (362, 6268), (410, 6346), (426, 6373), (434, 6388), (440, 6406), (441, 6409), (501, 6499), (528, 6568),

Gene: LBerry_12 Start: 5962, Stop: 6927, Start Num: 59

Candidate Starts for LBerry_12:

(Start: 59 @5962 has 93 MA's), (78, 6007), (Start: 87 @6028 has 14 MA's), (158, 6148), (235, 6286), (257, 6343), (264, 6358), (300, 6439), (305, 6454), (314, 6472), (339, 6523), (342, 6541), (354, 6586), (410, 6682), (441, 6745), (474, 6784), (501, 6835),

Gene: LHTSCC_10 Start: 5858, Stop: 6838, Start Num: 86

Candidate Starts for LHTSCC_10:

(Start: 86 @5858 has 111 MA's), (95, 5885), (Start: 104 @5906 has 1 MA's), (Start: 106 @5909 has 1 MA's), (234, 6158), (257, 6215), (263, 6227), (282, 6278), (297, 6299), (311, 6347), (342, 6404), (405, 6554), (507, 6677), (511, 6689), (545, 6755),

Gene: LRRHood_244 Start: 143240, Stop: 144268, Start Num: 49

Candidate Starts for LRRHood_244:

(Start: 49 @143240 has 167 MA's), (Start: 62 @143270 has 3 MA's), (68, 143282), (82, 143324), (116, 143387), (Start: 129 @143408 has 1 MA's), (Start: 174 @143492 has 1 MA's), (Start: 203 @143534 has 1 MA's), (207, 143546), (213, 143561), (244, 143630), (257, 143657), (278, 143711), (294, 143756), (295, 143759), (323, 143837), (333, 143858), (381, 143969), (434, 144059), (440, 144077), (493, 144149), (507, 144182),

Gene: Labelle_41 Start: 35243, Stop: 36268, Start Num: 107

Candidate Starts for Labelle_41:

(Start: 107 @35243 has 3 MA's), (188, 35378), (226, 35453), (256, 35537), (260, 35546), (267, 35570), (270, 35579), (311, 35672), (349, 35771), (366, 35804), (375, 35819), (384, 35840), (393, 35849), (432, 35936), (442, 35954), (446, 35984), (448, 36002), (455, 36038), (478, 36113), (483, 36125), (486, 36128), (505, 36167), (529, 36224),

Gene: LadyBird_11 Start: 6410, Stop: 7387, Start Num: 67

Candidate Starts for LadyBird_11:

(Start: 67 @6410 has 52 MA's), (Start: 87 @6464 has 14 MA's), (133, 6521), (213, 6653), (229, 6689), (235, 6701), (257, 6758), (271, 6794), (296, 6842), (305, 6881), (340, 6953), (342, 6968), (362, 7031), (389, 7073), (410, 7121), (426, 7148), (434, 7163), (440, 7181), (441, 7184), (501, 7274), (545, 7373),

Gene: Lambert1_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Lambert1_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Lamina13_10 Start: 5611, Stop: 6579, Start Num: 66

Candidate Starts for Lamina13_10:

(Start: 66 @5611 has 202 MA's), (Start: 77 @5644 has 5 MA's), (Start: 86 @5662 has 111 MA's), (Start: 87 @5665 has 14 MA's), (240, 5932), (257, 5983), (263, 5995), (296, 6070), (317, 6133), (333, 6166), (339, 6178), (342, 6196), (346, 6214), (381, 6277), (431, 6358), (440, 6382), (441, 6385), (442, 6388), (463, 6397), (505, 6484), (547, 6571),

Gene: Landor_12 Start: 8193, Stop: 9179, Start Num: 84

Candidate Starts for Landor_12:

(Start: 84 @8193 has 68 MA's), (95, 8223), (Start: 97 @8226 has 1 MA's), (Start: 106 @8247 has 1 MA's), (179, 8382), (255, 8547), (257, 8553), (289, 8628), (297, 8637), (342, 8748), (362, 8808), (381, 8844), (405, 8898), (416, 8922), (422, 8928), (481, 8973), (511, 9033), (515, 9042),

Gene: LappelDuVide_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for LappelDuVide_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Larenn_12 Start: 6724, Stop: 7707, Start Num: 84

Candidate Starts for Larenn_12:

(Start: 84 @6724 has 68 MA's), (95, 6754), (Start: 97 @6757 has 1 MA's), (Start: 106 @6778 has 1 MA's), (229, 7015), (234, 7027), (244, 7054), (257, 7084), (263, 7096), (266, 7108), (292, 7162), (308, 7213), (342, 7273), (405, 7420), (481, 7495), (496, 7510), (511, 7555), (545, 7627), (560, 7681),

Gene: LarryKay_12 Start: 6048, Stop: 7013, Start Num: 59

Candidate Starts for LarryKay_12:

(Start: 59 @6048 has 93 MA's), (78, 6093), (Start: 87 @6114 has 14 MA's), (158, 6234), (235, 6372), (257, 6429), (264, 6444), (300, 6525), (305, 6540), (314, 6558), (339, 6609), (342, 6627), (354, 6672), (410, 6768), (441, 6831), (474, 6870), (501, 6921),

Gene: Larva_31 Start: 27026, Stop: 27787, Start Num: 187

Candidate Starts for Larva_31:

(159, 26978), (Start: 187 @27026 has 16 MA's), (Start: 203 @27038 has 1 MA's), (206, 27044), (219, 27071), (234, 27107), (255, 27167), (257, 27173), (268, 27203), (271, 27209), (274, 27218), (287, 27251), (300, 27293), (301, 27296), (305, 27308), (323, 27344), (334, 27359), (344, 27395), (397, 27494), (405, 27521), (415, 27542), (481, 27605), (498, 27629), (507, 27653), (536, 27722), (555, 27767), (557, 27776),

Gene: LastHope_31 Start: 25598, Stop: 26452, Start Num: 189

Candidate Starts for LastHope_31:

(128, 25496), (Start: 138 @25517 has 3 MA's), (159, 25550), (169, 25571), (Start: 189 @25598 has 154 MA's), (Start: 203 @25610 has 1 MA's), (204, 25613), (215, 25637), (219, 25643), (231, 25673), (253, 25733), (257, 25742), (287, 25820), (397, 26063), (401, 26078), (405, 26090), (415, 26111), (430, 26135), (451, 26207), (481, 26273), (503, 26312), (511, 26333), (557, 26441),

Gene: LastJedi_25 Start: 23704, Stop: 24705, Start Num: 55

Candidate Starts for LastJedi_25:

(Start: 55 @23704 has 239 MA's), (Start: 62 @23725 has 3 MA's), (68, 23737), (82, 23779), (116, 23842), (Start: 129 @23863 has 1 MA's), (145, 23893), (Start: 174 @23947 has 1 MA's), (188, 23971), (Start: 203 @23986 has 1 MA's), (207, 23998), (257, 24109), (301, 24223), (307, 24241), (328, 24280), (339, 24304), (346, 24340), (354, 24367), (381, 24406), (410, 24454), (440, 24514), (485, 24574), (511, 24631), (527, 24661),

Gene: Latch_252 Start: 143793, Stop: 144821, Start Num: 49

Candidate Starts for Latch_252:

(Start: 49 @143793 has 167 MA's), (Start: 62 @143823 has 3 MA's), (68, 143835), (82, 143877), (116, 143940), (Start: 129 @143961 has 1 MA's), (Start: 174 @144045 has 1 MA's), (Start: 203 @144087 has 1 MA's), (207, 144099), (213, 144114), (244, 144183), (257, 144210), (278, 144264), (294, 144309), (295, 144312), (323, 144390), (333, 144411), (381, 144522), (434, 144612), (440, 144630), (493, 144702), (507, 144735),

Gene: LaterM_31 Start: 26387, Stop: 27259, Start Num: 189

Candidate Starts for LaterM_31:

(169, 26360), (Start: 189 @26387 has 154 MA's), (Start: 203 @26399 has 1 MA's), (234, 26468), (244, 26495), (253, 26525), (257, 26534), (271, 26570), (274, 26579), (287, 26612), (294, 26630), (334, 26720), (397, 26855), (405, 26882), (415, 26903), (430, 26927), (447, 26978), (481, 27080), (502, 27116), (511, 27140), (555, 27239), (557, 27248),

Gene: Latretium_32 Start: 28306, Stop: 29304, Start Num: 55

Candidate Starts for Latretium_32:

(Start: 55 @28306 has 239 MA's), (82, 28381), (116, 28441), (Start: 129 @28462 has 1 MA's), (Start: 174 @28546 has 1 MA's), (207, 28597), (213, 28612), (257, 28708), (301, 28822), (307, 28840), (328, 28879), (333, 28891), (346, 28939), (354, 28966), (366, 28990), (381, 29005), (440, 29113), (478, 29161), (511, 29230), (527, 29260),

Gene: LeBron_26 Start: 25573, Stop: 26604, Start Num: 54

Candidate Starts for LeBron_26:

(Start: 54 @25573 has 29 MA's), (130, 25729), (141, 25753), (147, 25765), (155, 25783), (166, 25801), (176, 25819), (179, 25825), (183, 25834), (196, 25849), (204, 25864), (225, 25912), (235, 25936), (257, 25993), (272, 26032), (302, 26110), (305, 26119), (306, 26122), (314, 26137), (338, 26191), (342, 26212), (345, 26227), (387, 26311), (402, 26341), (441, 26410), (463, 26422), (474, 26446), (481, 26464), (485, 26467), (493, 26479), (495, 26482), (507, 26512), (511, 26524),

Gene: LeMond_30 Start: 25694, Stop: 26434, Start Num: 189

Candidate Starts for LeMond_30:

(128, 25592), (Start: 138 @25613 has 3 MA's), (159, 25646), (169, 25667), (Start: 189 @25694 has 154 MA's), (219, 25739), (234, 25775), (257, 25832), (271, 25868), (287, 25910), (334, 26018), (397, 26153), (405, 26180), (430, 26225), (479, 26249), (502, 26291), (510, 26312), (511, 26315), (555, 26414),

Gene: Lee7_253 Start: 146894, Stop: 147922, Start Num: 49

Candidate Starts for Lee7_253:

(Start: 49 @146894 has 167 MA's), (Start: 62 @146924 has 3 MA's), (68, 146936), (82, 146978), (116, 147041), (Start: 129 @147062 has 1 MA's), (Start: 174 @147146 has 1 MA's), (Start: 203 @147188 has 1 MA's), (207, 147200), (213, 147215), (244, 147284), (257, 147311), (278, 147365), (294, 147410), (295, 147413), (323, 147491), (333, 147512), (381, 147623), (434, 147713), (440, 147731), (493, 147803), (507, 147836),

Gene: Lemur_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Lemur_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712),

Gene: LeoAvram_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for LeoAvram_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: Leogania_13 Start: 8570, Stop: 9553, Start Num: 67

Candidate Starts for Leogania_13:

(Start: 67 @8570 has 52 MA's), (Start: 86 @8621 has 111 MA's), (Start: 87 @8624 has 14 MA's), (257, 8948), (264, 8963), (296, 9032), (300, 9056), (305, 9071), (339, 9140), (342, 9158), (410, 9302), (441, 9365), (474, 9404), (487, 9428), (498, 9446),

Gene: Leopard_46 Start: 36660, Stop: 37541, Start Num: 114

Candidate Starts for Leopard_46:

(Start: 114 @36660 has 3 MA's), (168, 36756), (172, 36762), (218, 36846), (224, 36858), (262, 36960), (292, 37038), (299, 37059), (348, 37182), (367, 37221), (396, 37266), (429, 37335), (467, 37386), (471, 37395), (475, 37404), (481, 37419), (505, 37464), (521, 37500),

Gene: Leozinho_33 Start: 27931, Stop: 28947, Start Num: 55

Candidate Starts for Leozinho_33:

(31, 27787), (34, 27859), (Start: 55 @27931 has 239 MA's), (Start: 107 @28063 has 3 MA's), (116, 28084), (Start: 129 @28105 has 1 MA's), (Start: 174 @28189 has 1 MA's), (207, 28240), (257, 28351), (300, 28462), (307, 28483), (328, 28522), (333, 28534), (346, 28582), (354, 28609), (366, 28633), (381, 28648), (440, 28756), (478, 28804), (485, 28816), (507, 28861), (511, 28873), (527, 28903),

Gene: Leperchaun_31 Start: 27593, Stop: 28594, Start Num: 55

Candidate Starts for Leperchaun_31:

(Start: 55 @27593 has 239 MA's), (Start: 62 @27614 has 3 MA's), (68, 27626), (82, 27668), (116, 27731), (Start: 129 @27752 has 1 MA's), (145, 27782), (Start: 174 @27836 has 1 MA's), (188, 27860), (207, 27887), (257, 27998), (301, 28112), (307, 28130), (328, 28169), (339, 28193), (346, 28229), (354, 28256), (381, 28295), (440, 28403), (478, 28451), (485, 28463), (505, 28505), (507, 28508), (511, 28520), (527, 28550),

Gene: Lesedi_9 Start: 5770, Stop: 6738, Start Num: 66

Candidate Starts for Lesedi_9:

(Start: 66 @5770 has 202 MA's), (Start: 77 @5803 has 5 MA's), (Start: 87 @5824 has 14 MA's), (Start: 203 @6013 has 1 MA's), (240, 6091), (257, 6142), (263, 6154), (296, 6229), (317, 6292), (324, 6304), (333, 6325), (339, 6337), (342, 6355), (346, 6373), (353, 6397), (381, 6436), (431, 6517), (440, 6541), (441, 6544), (442, 6547), (463, 6556), (505, 6643), (547, 6730),

Gene: Leston_30 Start: 27176, Stop: 28048, Start Num: 189

Candidate Starts for Leston_30:

(Start: 189 @27176 has 154 MA's), (Start: 203 @27188 has 1 MA's), (206, 27194), (219, 27221), (231, 27251), (234, 27257), (253, 27311), (257, 27320), (263, 27332), (274, 27365), (287, 27398), (302, 27446), (339, 27515), (405, 27668), (413, 27686), (415, 27689), (443, 27749), (447, 27767), (451, 27794), (481, 27866), (502, 27902), (503, 27905), (511, 27926), (536, 27983), (552, 28019), (555, 28028), (557, 28037),

Gene: LestyG_47 Start: 41537, Stop: 42601, Start Num: 102

Candidate Starts for LestyG_47:

(Start: 102 @41537 has 45 MA's), (134, 41600), (179, 41681), (212, 41747), (222, 41762), (226, 41774), (237, 41801), (256, 41858), (260, 41867), (323, 42014), (332, 42029), (349, 42083), (366, 42116), (388, 42155), (396, 42167), (432, 42248), (442, 42266), (443, 42269), (478, 42425), (529, 42536), (540, 42557), (553, 42590),

Gene: Lev2_8 Start: 5172, Stop: 5981, Start Num: 137

Candidate Starts for Lev2_8:

(Start: 137 @5172 has 50 MA's), (169, 5235), (175, 5244), (188, 5265), (209, 5301), (230, 5349), (250, 5406), (261, 5430), (356, 5661), (391, 5718), (534, 5967),

Gene: Leviathan_13 Start: 6865, Stop: 7857, Start Num: 84

Candidate Starts for Leviathan_13:

(Start: 84 @6865 has 68 MA's), (Start: 104 @6916 has 1 MA's), (Start: 106 @6919 has 1 MA's), (200, 7087), (Start: 203 @7093 has 1 MA's), (213, 7120), (241, 7180), (257, 7225), (294, 7312), (311, 7357), (341, 7396), (351, 7444), (390, 7525), (406, 7567), (491, 7654), (541, 7768),

Gene: Lewan_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Lewan_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (154, 26477), (172, 26507), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (279, 26732), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Licorice_12 Start: 6660, Stop: 7595, Start Num: 77

Candidate Starts for Licorice_12:

(Start: 66 @6627 has 202 MA's), (Start: 77 @6660 has 5 MA's), (Start: 86 @6678 has 111 MA's), (Start: 87 @6681 has 14 MA's), (240, 6948), (257, 6999), (263, 7011), (296, 7086), (317, 7149), (324, 7161), (333, 7182), (339, 7194), (342, 7212), (346, 7230), (381, 7293), (431, 7374), (440, 7398), (441, 7401), (442, 7404), (463, 7413), (505, 7500), (527, 7545), (547, 7587),

Gene: LifeSavor_253 Start: 145021, Stop: 146049, Start Num: 49

Candidate Starts for LifeSavor_253:

(Start: 49 @145021 has 167 MA's), (Start: 62 @145051 has 3 MA's), (68, 145063), (82, 145105), (116, 145168), (Start: 129 @145189 has 1 MA's), (Start: 174 @145273 has 1 MA's), (Start: 203 @145315 has 1 MA's), (207, 145327), (213, 145342), (244, 145411), (257, 145438), (278, 145492), (294, 145537), (295, 145540), (323, 145618), (333, 145639), (381, 145750), (434, 145840), (440, 145858), (493, 145930), (507, 145963),

Gene: LilBib_11 Start: 6570, Stop: 7538, Start Num: 66

Candidate Starts for LilBib_11:

(Start: 66 @6570 has 202 MA's), (Start: 77 @6603 has 5 MA's), (Start: 86 @6621 has 111 MA's), (Start: 87 @6624 has 14 MA's), (240, 6891), (257, 6942), (263, 6954), (296, 7029), (317, 7092), (333, 7125), (339, 7137), (342, 7155), (346, 7173), (353, 7197), (381, 7236), (431, 7317), (440, 7341), (441,

7344), (442, 7347), (463, 7356), (505, 7443), (547, 7530),

Gene: LilDestine_28 Start: 26302, Stop: 27273, Start Num: 76

Candidate Starts for LilDestine_28:

(Start: 76 @26302 has 22 MA's), (Start: 97 @26356 has 1 MA's), (154, 26476), (172, 26506), (180, 26521), (Start: 203 @26554 has 1 MA's), (204, 26557), (207, 26566), (219, 26587), (244, 26650), (257, 26677), (266, 26701), (301, 26782), (305, 26794), (340, 26857), (342, 26872), (361, 26932), (370, 26947), (405, 27028), (413, 27046), (415, 27049), (420, 27052), (484, 27103), (507, 27148), (525, 27190), (547, 27232),

Gene: LilMcDreamy_46 Start: 42132, Stop: 43154, Start Num: 84

Candidate Starts for LilMcDreamy_46:

(Start: 84 @42132 has 68 MA's), (95, 42162), (Start: 104 @42183 has 1 MA's), (Start: 106 @42186 has 1 MA's), (148, 42273), (Start: 192 @42342 has 1 MA's), (255, 42486), (257, 42492), (282, 42555), (289, 42567), (294, 42573), (297, 42576), (320, 42642), (330, 42666), (342, 42702), (348, 42732), (362, 42762), (376, 42789), (378, 42792), (405, 42852), (414, 42873), (474, 42909), (481, 42927), (486, 42933), (511, 42993), (552, 43080), (563, 43125), (566, 43143),

Gene: LilMoolah_31 Start: 27797, Stop: 28798, Start Num: 55

Candidate Starts for LilMoolah_31:

(Start: 55 @27797 has 239 MA's), (Start: 62 @27818 has 3 MA's), (68, 27830), (82, 27872), (116, 27935), (Start: 129 @27956 has 1 MA's), (145, 27986), (Start: 174 @28040 has 1 MA's), (188, 28064), (Start: 203 @28079 has 1 MA's), (207, 28091), (257, 28202), (301, 28316), (307, 28334), (328, 28373), (339, 28397), (346, 28433), (354, 28460), (381, 28499), (410, 28547), (440, 28607), (485, 28667), (511, 28724), (527, 28754),

Gene: LilPharaoh_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for LilPharaoh_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: LilSpotty_32 Start: 24959, Stop: 26029, Start Num: 113

Candidate Starts for LilSpotty_32:

(Start: 113 @24959 has 21 MA's), (226, 25175), (245, 25229), (260, 25271), (278, 25322), (323, 25436), (337, 25469), (358, 25544), (369, 25565), (375, 25577), (432, 25694), (448, 25766), (478, 25874), (511, 25943), (542, 26009),

Gene: LilTurb_13 Start: 6892, Stop: 7884, Start Num: 84

Candidate Starts for LilTurb_13:

(Start: 84 @6892 has 68 MA's), (Start: 97 @6925 has 1 MA's), (Start: 104 @6943 has 1 MA's), (Start: 106 @6946 has 1 MA's), (200, 7114), (Start: 203 @7120 has 1 MA's), (213, 7147), (241, 7207), (257, 7252), (294, 7339), (311, 7384), (341, 7423), (351, 7471), (357, 7486), (390, 7552), (406, 7594), (491, 7681), (541, 7795),

Gene: Lilac_37 Start: 31355, Stop: 32212, Start Num: 165

Candidate Starts for Lilac_37:

(Start: 165 @31355 has 123 MA's), (185, 31394), (207, 31424), (217, 31445), (233, 31481), (244, 31511), (276, 31586), (296, 31634), (298, 31637), (301, 31661), (302, 31664), (307, 31679), (381, 31850), (435, 31964), (440, 31979), (442, 31985), (478, 32027), (479, 32030), (507, 32084), (539, 32162), (552, 32195),

Gene: LilhomieP_37 Start: 31794, Stop: 32765, Start Num: 85

Candidate Starts for LilhomieP_37:

(Start: 85 @31794 has 13 MA's), (Start: 94 @31818 has 3 MA's), (100, 31833), (169, 31971), (186, 31998), (Start: 197 @32016 has 16 MA's), (204, 32028), (207, 32037), (229, 32082), (233, 32094), (248, 32121), (257, 32148), (263, 32160), (280, 32205), (292, 32232), (301, 32262), (304, 32271), (305, 32274), (345, 32361), (352, 32376), (419, 32529), (421, 32532), (472, 32592), (478, 32604), (481, 32613), (502, 32649), (508, 32664), (538, 32703), (552, 32736),

Gene: Lilith_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for Lilith_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579), (410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: Lilizi_37 Start: 31563, Stop: 32420, Start Num: 165

Candidate Starts for Lilizi_37:

(Start: 165 @31563 has 123 MA's), (185, 31602), (207, 31632), (217, 31653), (233, 31689), (244, 31719), (276, 31794), (296, 31842), (298, 31845), (301, 31869), (302, 31872), (307, 31887), (381, 32058), (435, 32172), (440, 32187), (442, 32193), (478, 32235), (479, 32238), (507, 32292), (539, 32370), (552, 32403),

Gene: Lilpickle_34 Start: 31065, Stop: 31922, Start Num: 165

Candidate Starts for Lilpickle_34:

(Start: 165 @31065 has 123 MA's), (185, 31104), (207, 31134), (217, 31155), (233, 31191), (244, 31221), (276, 31296), (296, 31344), (298, 31347), (301, 31371), (302, 31374), (307, 31389), (381, 31560), (435, 31674), (440, 31689), (442, 31695), (478, 31737), (479, 31740), (507, 31794), (539, 31872), (552, 31905),

Gene: LinStu_249 Start: 143122, Stop: 144150, Start Num: 49

Candidate Starts for LinStu_249:

(Start: 49 @143122 has 167 MA's), (Start: 62 @143152 has 3 MA's), (82, 143206), (116, 143269), (Start: 129 @143290 has 1 MA's), (Start: 174 @143374 has 1 MA's), (Start: 203 @143416 has 1 MA's), (207, 143428), (213, 143443), (244, 143512), (257, 143539), (278, 143593), (294, 143638), (295, 143641), (323, 143719), (333, 143740), (381, 143851), (434, 143941), (440, 143959), (493, 144031), (507, 144064),

Gene: LindNT_31 Start: 26427, Stop: 27299, Start Num: 189

Candidate Starts for LindNT_31:

(169, 26400), (Start: 189 @26427 has 154 MA's), (Start: 203 @26439 has 1 MA's), (234, 26508), (244, 26535), (253, 26565), (257, 26574), (271, 26610), (274, 26619), (287, 26652), (294, 26670), (334, 26760), (397, 26895), (405, 26922), (415, 26943), (430, 26967), (447, 27018), (481, 27120), (502, 27156), (511, 27180), (555, 27279), (557, 27288),

Gene: LittleB_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for LittleB_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: LittleCherry_8 Start: 5356, Stop: 6165, Start Num: 137

Candidate Starts for LittleCherry_8:

(Start: 137 @5356 has 50 MA's), (169, 5419), (175, 5428), (209, 5485), (230, 5533), (261, 5614), (343, 5803), (356, 5845), (391, 5902), (407, 5944), (534, 6151),

Gene: LittleE_53 Start: 42373, Stop: 43245, Start Num: 108

Candidate Starts for LittleE_53:

(Start: 108 @42373 has 40 MA's), (Start: 122 @42400 has 1 MA's), (195, 42529), (218, 42574), (228, 42595), (240, 42616), (260, 42670), (292, 42751), (427, 43030), (429, 43033), (471, 43093), (478, 43108), (483, 43120), (498, 43141),

Gene: LittleGuy_10 Start: 5821, Stop: 6804, Start Num: 84

Candidate Starts for LittleGuy_10:

(Start: 84 @5821 has 68 MA's), (Start: 104 @5872 has 1 MA's), (Start: 106 @5875 has 1 MA's), (179, 6010), (195, 6034), (234, 6124), (257, 6181), (282, 6244), (297, 6265), (300, 6286), (311, 6313), (342, 6370), (405, 6520), (507, 6643), (511, 6655), (558, 6766),

Gene: LittleShirley_34 Start: 29159, Stop: 30160, Start Num: 55

Candidate Starts for LittleShirley_34:

(Start: 55 @29159 has 239 MA's), (82, 29234), (95, 29267), (116, 29297), (Start: 129 @29318 has 1 MA's), (Start: 174 @29402 has 1 MA's), (188, 29426), (Start: 203 @29441 has 1 MA's), (207, 29453), (257, 29564), (301, 29678), (307, 29696), (328, 29735), (339, 29759), (346, 29795), (354, 29822), (381, 29861), (410, 29909), (440, 29969), (485, 30029), (505, 30071), (507, 30074), (511, 30086), (527, 30116),

Gene: Littleton_256 Start: 145030, Stop: 146058, Start Num: 49

Candidate Starts for Littleton_256:

(Start: 49 @145030 has 167 MA's), (Start: 62 @145060 has 3 MA's), (68, 145072), (82, 145114), (116, 145177), (Start: 129 @145198 has 1 MA's), (Start: 174 @145282 has 1 MA's), (Start: 203 @145324 has 1 MA's), (207, 145336), (213, 145351), (244, 145420), (257, 145447), (278, 145501), (294, 145546), (295, 145549), (323, 145627), (333, 145648), (381, 145759), (434, 145849), (440, 145867), (493, 145939), (507, 145972),

Gene: LiyuLake_28 Start: 26813, Stop: 27856, Start Num: 74

Candidate Starts for LiyuLake_28:

(Start: 74 @26813 has 17 MA's), (Start: 76 @26819 has 22 MA's), (Start: 87 @26846 has 14 MA's), (Start: 94 @26867 has 3 MA's), (117, 26918), (163, 26999), (223, 27104), (255, 27185), (257, 27191), (273, 27233), (299, 27287), (303, 27305), (305, 27311), (307, 27317), (342, 27389), (368, 27446), (398, 27506), (431, 27581), (472, 27626), (479, 27641), (481, 27647), (511, 27710), (555, 27812), (559, 27833), (561, 27839),

Gene: Lizziana_31 Start: 27672, Stop: 28673, Start Num: 55

Candidate Starts for Lizziana_31:

(Start: 55 @27672 has 239 MA's), (Start: 62 @27693 has 3 MA's), (68, 27705), (82, 27747), (116, 27810), (Start: 129 @27831 has 1 MA's), (145, 27861), (Start: 174 @27915 has 1 MA's), (188, 27939), (Start: 203 @27954 has 1 MA's), (207, 27966), (257, 28077), (301, 28191), (307, 28209), (328, 28248), (339, 28272), (346, 28308), (354, 28335), (381, 28374), (410, 28422), (440, 28482), (485, 28542), (511, 28599), (527, 28629),

Gene: Llama_31 Start: 27727, Stop: 28728, Start Num: 55

Candidate Starts for Llama_31:

(2, 27106), (6, 27184), (8, 27247), (12, 27286), (17, 27418), (22, 27439), (25, 27475), (35, 27628), (Start: 55 @27727 has 239 MA's), (Start: 62 @27748 has 3 MA's), (68, 27760), (82, 27802), (95, 27835), (116, 27865), (Start: 129 @27886 has 1 MA's), (Start: 174 @27970 has 1 MA's), (188, 27994), (Start: 203 @28009 has 1 MA's), (207, 28021), (257, 28132), (301, 28246), (307, 28264), (328, 28303), (339, 28327), (346, 28363), (354, 28390), (381, 28429), (440, 28537), (478, 28585), (485, 28597), (505, 28639), (507, 28642), (511, 28654), (527, 28684),

Gene: Llij_31 Start: 27499, Stop: 28500, Start Num: 55

Candidate Starts for Llij_31:

(25, 27247), (35, 27400), (Start: 55 @27499 has 239 MA's), (Start: 62 @27520 has 3 MA's), (68, 27532), (82, 27574), (116, 27637), (Start: 129 @27658 has 1 MA's), (145, 27688), (Start: 174 @27742 has 1 MA's), (188, 27766), (207, 27793), (257, 27904), (301, 28018), (307, 28036), (328, 28075), (339, 28099), (346, 28135), (354, 28162), (381, 28201), (410, 28249), (440, 28309), (485, 28369), (511, 28426), (527, 28456),

Gene: Llorens_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Llorens_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Loadrie_28 Start: 26335, Stop: 27306, Start Num: 76

Candidate Starts for Loadrie_28:

(Start: 76 @26335 has 22 MA's), (Start: 97 @26389 has 1 MA's), (154, 26509), (172, 26539), (177, 26548), (180, 26554), (Start: 203 @26587 has 1 MA's), (204, 26590), (207, 26599), (219, 26620), (244, 26683), (257, 26710), (266, 26734), (301, 26815), (305, 26827), (340, 26890), (342, 26905), (361, 26965), (370, 26980), (405, 27061), (413, 27079), (415, 27082), (420, 27085), (484, 27136), (507, 27181), (525, 27223), (547, 27265),

Gene: Loanshark_249 Start: 144380, Stop: 145408, Start Num: 49

Candidate Starts for Loanshark_249:

(Start: 49 @144380 has 167 MA's), (Start: 62 @144410 has 3 MA's), (68, 144422), (82, 144464), (116, 144527), (Start: 129 @144548 has 1 MA's), (Start: 174 @144632 has 1 MA's), (Start: 203 @144674 has 1 MA's), (207, 144686), (213, 144701), (244, 144770), (257, 144797), (278, 144851), (294, 144896), (295, 144899), (323, 144977), (333, 144998), (381, 145109), (434, 145199), (440, 145217), (493, 145289), (507, 145322),

Gene: LochMonster_10 Start: 5856, Stop: 6836, Start Num: 86

Candidate Starts for LochMonster_10:

(Start: 86 @5856 has 111 MA's), (95, 5883), (Start: 104 @5904 has 1 MA's), (Start: 106 @5907 has 1 MA's), (234, 6156), (257, 6213), (263, 6225), (282, 6276), (297, 6297), (311, 6345), (333, 6372), (342, 6402), (405, 6552), (507, 6675), (511, 6687), (545, 6753),

Gene: Lockley_10 Start: 5949, Stop: 6917, Start Num: 66

Candidate Starts for Lockley_10:

(Start: 66 @5949 has 202 MA's), (Start: 77 @5982 has 5 MA's), (Start: 86 @6000 has 111 MA's), (Start: 87 @6003 has 14 MA's), (240, 6270), (257, 6321), (263, 6333), (296, 6408), (317, 6471), (324, 6483), (333, 6504), (339, 6516), (342, 6534), (346, 6552), (353, 6576), (381, 6615), (431, 6696), (440, 6720), (441, 6723), (442, 6726), (463, 6735), (505, 6822), (547, 6909),

Gene: Lokk_14 Start: 8131, Stop: 9117, Start Num: 84

Candidate Starts for Lokk_14:

(Start: 84 @8131 has 68 MA's), (95, 8161), (Start: 104 @8182 has 1 MA's), (Start: 106 @8185 has 1 MA's), (120, 8218), (234, 8434), (255, 8485), (257, 8491), (263, 8503), (269, 8524), (311, 8614), (342, 8680), (405, 8830), (414, 8851), (511, 8965), (545, 9037),

Gene: LolaVinca_248 Start: 144633, Stop: 145661, Start Num: 49

Candidate Starts for LolaVinca_248:

(Start: 49 @144633 has 167 MA's), (Start: 62 @144663 has 3 MA's), (68, 144675), (82, 144717), (116, 144780), (Start: 129 @144801 has 1 MA's), (Start: 174 @144885 has 1 MA's), (Start: 203 @144927 has 1 MA's), (207, 144939), (213, 144954), (244, 145023), (257, 145050), (278, 145104), (294, 145149), (295, 145152), (323, 145230), (333, 145251), (381, 145362), (434, 145452), (440, 145470), (493, 145542), (507, 145575),

Gene: Lolly9_28 Start: 26618, Stop: 27661, Start Num: 74

Candidate Starts for Lolly9_28:

(Start: 74 @26618 has 17 MA's), (Start: 76 @26624 has 22 MA's), (Start: 87 @26651 has 14 MA's), (Start: 94 @26672 has 3 MA's), (117, 26723), (136, 26753), (163, 26804), (223, 26909), (255, 26990), (257, 26996), (273, 27038), (299, 27092), (303, 27110), (305, 27116), (307, 27122), (342, 27194), (368, 27251), (398, 27311), (431, 27386), (439, 27407), (472, 27431), (479, 27446), (481, 27452), (511, 27515), (555, 27617), (559, 27638), (561, 27644),

Gene: Lopton_11 Start: 6354, Stop: 7322, Start Num: 66

Candidate Starts for Lopton_11:

(Start: 66 @6354 has 202 MA's), (Start: 77 @6387 has 5 MA's), (Start: 86 @6405 has 111 MA's), (Start: 87 @6408 has 14 MA's), (240, 6675), (257, 6726), (263, 6738), (296, 6813), (317, 6876), (324, 6888), (333, 6909), (339, 6921), (342, 6939), (346, 6957), (353, 6981), (381, 7020), (431, 7101), (440, 7125), (441, 7128), (442, 7131), (463, 7140), (505, 7227), (547, 7314),

Gene: LordLeafolot_254 Start: 144246, Stop: 145274, Start Num: 49

Candidate Starts for LordLeafolot_254:

(Start: 49 @144246 has 167 MA's), (Start: 62 @144276 has 3 MA's), (68, 144288), (82, 144330), (116, 144393), (Start: 129 @144414 has 1 MA's), (Start: 174 @144498 has 1 MA's), (Start: 203 @144540 has 1 MA's), (207, 144552), (213, 144567), (244, 144636), (257, 144663), (278, 144717), (294, 144762), (295, 144765), (323, 144843), (333, 144864), (381, 144975), (434, 145065), (440, 145083), (493, 145155), (507, 145188),

Gene: Lorde_33 Start: 27654, Stop: 28724, Start Num: 113

Candidate Starts for Lorde_33:

(91, 27600), (Start: 113 @27654 has 21 MA's), (226, 27870), (227, 27873), (245, 27924), (260, 27966), (278, 28017), (323, 28131), (337, 28164), (358, 28239), (369, 28260), (432, 28389), (448, 28461), (472, 28557), (478, 28569), (511, 28638), (537, 28695), (542, 28704),

Gene: Lorenzo_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Lorenzo_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Loser_14 Start: 8241, Stop: 9218, Start Num: 67

Candidate Starts for Loser_14:

(Start: 67 @8241 has 52 MA's), (Start: 87 @8295 has 14 MA's), (213, 8484), (229, 8520), (235, 8532), (257, 8589), (271, 8625), (296, 8673), (305, 8712), (339, 8781), (342, 8799), (354, 8844), (362, 8862), (389, 8904), (410, 8952), (426, 8979), (434, 8994), (441, 9015), (472, 9051), (474, 9054), (498, 9096), (501, 9105), (514, 9138),

Gene: Louie6_12 Start: 6049, Stop: 7014, Start Num: 59

Candidate Starts for Louie6_12:

(Start: 59 @6049 has 93 MA's), (78, 6094), (Start: 87 @6115 has 14 MA's), (158, 6235), (235, 6373), (257, 6430), (264, 6445), (300, 6526), (305, 6541), (314, 6559), (339, 6610), (342, 6628), (354, 6673), (410, 6769), (441, 6832), (474, 6871), (501, 6922),

Gene: Luchador_11 Start: 6567, Stop: 7526, Start Num: 97

Candidate Starts for Luchador_11:

(Start: 84 @6534 has 68 MA's), (Start: 97 @6567 has 1 MA's), (Start: 104 @6585 has 1 MA's), (Start: 106 @6588 has 1 MA's), (179, 6723), (Start: 203 @6762 has 1 MA's), (213, 6789), (241, 6849), (257, 6894), (294, 6981), (311, 7026), (316, 7035), (341, 7065), (351, 7113), (390, 7194), (406, 7236), (491, 7323), (532, 7422), (541, 7437), (564, 7512),

Gene: Lucky2013_48 Start: 39222, Stop: 40226, Start Num: 73

Candidate Starts for Lucky2013_48:

(Start: 73 @39222 has 10 MA's), (92, 39276), (115, 39327), (157, 39399), (207, 39474), (257, 39588), (263, 39600), (274, 39633), (301, 39702), (305, 39714), (310, 39726), (312, 39729), (339, 39774), (342, 39792), (405, 39954), (412, 39969), (417, 39978), (552, 40179),

Gene: LugYA_14 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for LugYA_14:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Lukilu_241 Start: 145249, Stop: 146277, Start Num: 49

Candidate Starts for Lukilu_241:

(Start: 49 @145249 has 167 MA's), (Start: 62 @145279 has 3 MA's), (68, 145291), (82, 145333), (116, 145396), (Start: 129 @145417 has 1 MA's), (Start: 174 @145501 has 1 MA's), (Start: 203 @145543 has 1 MA's), (207, 145555), (213, 145570), (244, 145639), (257, 145666), (278, 145720), (294, 145765), (295, 145768), (323, 145846), (333, 145867), (381, 145978), (434, 146068), (440, 146086), (493, 146158), (507, 146191),

Gene: Lumos_28 Start: 26847, Stop: 27890, Start Num: 74

Candidate Starts for Lumos_28:

(Start: 74 @26847 has 17 MA's), (Start: 76 @26853 has 22 MA's), (Start: 87 @26880 has 14 MA's), (Start: 94 @26901 has 3 MA's), (117, 26952), (163, 27033), (223, 27138), (255, 27219), (257, 27225), (299, 27321), (303, 27339), (305, 27345), (307, 27351), (342, 27423), (368, 27480), (398, 27540), (431, 27615), (439, 27636), (472, 27660), (479, 27675), (486, 27687), (511, 27744), (555, 27846), (559, 27867),

Gene: LunaBlu_34 Start: 28521, Stop: 29537, Start Num: 55

Candidate Starts for LunaBlu_34:

(27, 28290), (28, 28293), (30, 28341), (42, 28476), (44, 28485), (Start: 55 @28521 has 239 MA's), (Start: 107 @28653 has 3 MA's), (116, 28674), (Start: 129 @28695 has 1 MA's), (145, 28725), (149, 28737), (Start: 174 @28779 has 1 MA's), (207, 28830), (213, 28845), (257, 28941), (300, 29052), (307, 29073), (328, 29112), (333, 29124), (346, 29172), (354, 29199), (366, 29223), (381, 29238), (440, 29346), (478, 29394), (511, 29463), (527, 29493),

Gene: LunaStella_33 Start: 28121, Stop: 29197, Start Num: 113

Candidate Starts for LunaStella_33:

(Start: 113 @28121 has 21 MA's), (Start: 129 @28148 has 1 MA's), (144, 28178), (146, 28184), (188, 28259), (195, 28271), (205, 28289), (229, 28346), (256, 28424), (260, 28433), (278, 28484), (298, 28526), (301, 28550), (304, 28559), (323, 28601), (337, 28634), (349, 28691), (351, 28694), (358, 28709), (364, 28721), (375, 28742), (381, 28754), (396, 28778), (432, 28859), (441, 28883), (448, 28934), (465, 29012), (478, 29042), (479, 29045), (503, 29090), (511, 29111), (542, 29177),

Gene: Lunahalos_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Lunahalos_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Lunsford_11 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Lunsford_11:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712),

Gene: MA5_10 Start: 5337, Stop: 6077, Start Num: 189

Candidate Starts for MA5_10:

(Start: 73 @5151 has 10 MA's), (98, 5220), (Start: 189 @5337 has 154 MA's), (235, 5424), (257, 5481), (263, 5493), (264, 5496), (272, 5520), (285, 5535), (300, 5583), (302, 5589), (314, 5616), (342, 5685), (368, 5757), (399, 5799), (410, 5826), (426, 5853), (440, 5886), (441, 5889), (474, 5928), (549, 6069),

Gene: MAckerman_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for MAckerman_26:

(Start: 54 @25547 has 29 MA's), (130, 25703), (141, 25727), (147, 25739), (155, 25757), (166, 25775), (176, 25793), (179, 25799), (183, 25808), (196, 25823), (204, 25838), (225, 25886), (235, 25910), (257, 25967), (272, 26006), (302, 26084), (305, 26093), (306, 26096), (314, 26111), (338, 26165), (342, 26186), (345, 26201), (387, 26285), (402, 26315), (441, 26384), (463, 26396), (474, 26420), (481, 26438), (485, 26441), (493, 26453), (495, 26456), (507, 26486), (511, 26498),

Gene: MISSy_34 Start: 31371, Stop: 32228, Start Num: 165

Candidate Starts for MISSy_34:

(Start: 165 @31371 has 123 MA's), (185, 31410), (207, 31440), (217, 31461), (233, 31497), (244, 31527), (276, 31602), (296, 31650), (298, 31653), (301, 31677), (302, 31680), (307, 31695), (381, 31866), (428, 31965), (435, 31980), (440, 31995), (442, 32001), (478, 32043), (479, 32046), (507, 32100), (539, 32178), (552, 32211),

Gene: MK4_10 Start: 5610, Stop: 6350, Start Num: 189

Candidate Starts for MK4_10:

(Start: 189 @5610 has 154 MA's), (235, 5697), (257, 5754), (263, 5766), (264, 5769), (272, 5793), (285, 5808), (300, 5856), (302, 5862), (314, 5889), (342, 5958), (368, 6030), (399, 6072), (410, 6099), (426, 6126), (440, 6159), (441, 6162), (474, 6201), (502, 6255), (549, 6342),

Gene: MPhalcon_34 Start: 31364, Stop: 32221, Start Num: 165

Candidate Starts for MPhalcon_34:

(Start: 165 @31364 has 123 MA's), (185, 31403), (207, 31433), (217, 31454), (233, 31490), (244, 31520), (276, 31595), (296, 31643), (298, 31646), (301, 31670), (302, 31673), (307, 31688), (381, 31859), (435, 31973), (440, 31988), (442, 31994), (478, 32036), (479, 32039), (507, 32093), (539, 32171), (552, 32204),

Gene: MPlant7149_9 Start: 5587, Stop: 6555, Start Num: 66

Candidate Starts for MPlant7149_9:

(Start: 66 @5587 has 202 MA's), (Start: 77 @5620 has 5 MA's), (Start: 86 @5638 has 111 MA's), (Start: 87 @5641 has 14 MA's), (240, 5908), (257, 5959), (263, 5971), (296, 6046), (317, 6109), (324, 6121), (333, 6142), (339, 6154), (342, 6172), (346, 6190), (353, 6214), (381, 6253), (431, 6334), (440, 6358), (441, 6361), (442, 6364), (463, 6373), (505, 6460), (547, 6547),

Gene: Maby2021_253 Start: 145933, Stop: 146961, Start Num: 49

Candidate Starts for Maby2021_253:

(Start: 49 @145933 has 167 MA's), (Start: 62 @145963 has 3 MA's), (68, 145975), (82, 146017), (116, 146080), (Start: 129 @146101 has 1 MA's), (Start: 174 @146185 has 1 MA's), (Start: 203 @146227 has 1 MA's), (207, 146239), (213, 146254), (244, 146323), (257, 146350), (278, 146404), (294, 146449), (295, 146452), (323, 146530), (333, 146551), (381, 146662), (434, 146752), (440, 146770), (493, 146842), (507, 146875),

Gene: MacnCheese_32 Start: 27431, Stop: 28219, Start Num: 189

Candidate Starts for MacnCheese_32:

(169, 27407), (Start: 189 @27431 has 154 MA's), (219, 27476), (234, 27512), (253, 27569), (257, 27578), (271, 27614), (294, 27668), (300, 27692), (362, 27833), (397, 27896), (405, 27938), (415, 27959), (420, 27965), (430, 27983), (478, 28013), (479, 28016), (501, 28055), (511, 28082), (545, 28154), (555, 28184),

Gene: MadKillah_68 Start: 43198, Stop: 44238, Start Num: 55

Candidate Starts for MadKillah_68:

(Start: 55 @43198 has 239 MA's), (82, 43273), (116, 43354), (119, 43360), (Start: 129 @43375 has 1 MA's), (172, 43456), (Start: 174 @43459 has 1 MA's), (207, 43513), (213, 43528), (257, 43624), (272, 43663), (284, 43693), (294, 43723), (295, 43726), (302, 43759), (333, 43825), (344, 43864), (346, 43873), (354, 43900), (381, 43939), (488, 44113), (511, 44164),

Gene: MadMarie_12 Start: 5964, Stop: 6929, Start Num: 59

Candidate Starts for MadMarie_12:

(Start: 59 @5964 has 93 MA's), (78, 6009), (Start: 87 @6030 has 14 MA's), (158, 6150), (235, 6288), (257, 6345), (264, 6360), (300, 6441), (305, 6456), (314, 6474), (339, 6525), (342, 6543), (354, 6588), (410, 6684), (441, 6747), (474, 6786), (501, 6837),

Gene: MadMen_29 Start: 26957, Stop: 27958, Start Num: 55

Candidate Starts for MadMen_29:

(Start: 55 @26957 has 239 MA's), (82, 27032), (95, 27065), (116, 27095), (Start: 129 @27116 has 1 MA's), (Start: 174 @27200 has 1 MA's), (207, 27251), (213, 27266), (257, 27362), (300, 27473), (307, 27494), (328, 27533), (333, 27545), (346, 27593), (354, 27620), (366, 27644), (381, 27659), (440, 27767), (478, 27815), (511, 27884), (527, 27914),

Gene: MadamMonkfish_35 Start: 31276, Stop: 32133, Start Num: 165

Candidate Starts for MadamMonkfish_35:

(Start: 165 @31276 has 123 MA's), (185, 31315), (207, 31345), (217, 31366), (233, 31402), (244, 31432), (276, 31507), (296, 31555), (298, 31558), (301, 31582), (302, 31585), (307, 31600), (381, 31771), (435, 31885), (440, 31900), (442, 31906), (478, 31948), (479, 31951), (507, 32005), (539, 32083), (552, 32116),

Gene: Madiba_29 Start: 26429, Stop: 27430, Start Num: 55

Candidate Starts for Madiba_29:

(32, 26267), (Start: 55 @26429 has 239 MA's), (82, 26504), (95, 26537), (116, 26567), (Start: 129 @26588 has 1 MA's), (Start: 174 @26672 has 1 MA's), (188, 26696), (Start: 203 @26711 has 1 MA's), (207, 26723), (257, 26834), (301, 26948), (307, 26966), (328, 27005), (339, 27029), (346, 27065), (354, 27092), (381, 27131), (440, 27239), (478, 27287), (485, 27299), (507, 27344), (511, 27356), (527, 27386),

Gene: Madruga_40 Start: 34911, Stop: 35936, Start Num: 107

Candidate Starts for Madruga_40:

(Start: 107 @34911 has 3 MA's), (188, 35046), (226, 35121), (256, 35205), (260, 35214), (267, 35238), (270, 35247), (311, 35340), (349, 35439), (366, 35472), (375, 35487), (384, 35508), (393, 35517), (432, 35604), (442, 35622), (446, 35652), (448, 35670), (455, 35706), (478, 35781), (483, 35793), (486, 35796), (505, 35835), (529, 35892),

Gene: Magnar_10 Start: 5741, Stop: 6703, Start Num: 66

Candidate Starts for Magnar_10:

(Start: 66 @5741 has 202 MA's), (Start: 77 @5774 has 5 MA's), (Start: 86 @5792 has 111 MA's), (Start: 87 @5795 has 14 MA's), (207, 5996), (240, 6062), (257, 6107), (298, 6197), (328, 6278), (333, 6290), (339, 6302), (342, 6320), (346, 6338), (353, 6362), (381, 6401), (431, 6482), (440, 6506), (441, 6509), (442, 6512), (463, 6521), (505, 6608), (527, 6653), (547, 6695),

Gene: Magnito_9 Start: 5486, Stop: 6454, Start Num: 66

Candidate Starts for Magnito_9:

(Start: 66 @5486 has 202 MA's), (Start: 77 @5519 has 5 MA's), (Start: 86 @5537 has 111 MA's), (Start: 87 @5540 has 14 MA's), (240, 5807), (257, 5858), (263, 5870), (296, 5945), (317, 6008), (324, 6020), (333, 6041), (339, 6053), (342, 6071), (346, 6089), (353, 6113), (381, 6152), (431, 6233), (440, 6257), (441, 6260), (442, 6263), (463, 6272), (505, 6359), (547, 6446),

Gene: Mahavrat_31 Start: 27558, Stop: 28559, Start Num: 55

Candidate Starts for Mahavrat_31:

(35, 27459), (47, 27531), (Start: 55 @27558 has 239 MA's), (Start: 62 @27579 has 3 MA's), (68, 27591), (82, 27633), (95, 27666), (116, 27696), (Start: 129 @27717 has 1 MA's), (Start: 174 @27801 has 1 MA's), (188, 27825), (Start: 203 @27840 has 1 MA's), (207, 27852), (257, 27963), (301, 28077), (307, 28095), (328, 28134), (339, 28158), (346, 28194), (354, 28221), (381, 28260), (440, 28368), (485, 28428), (507, 28473), (511, 28485), (527, 28515),

Gene: Mainiac_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for Mainiac_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579), (410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: MajorMajor_10 Start: 5599, Stop: 6363, Start Num: 197

Candidate Starts for MajorMajor_10:

(Start: 197 @5599 has 16 MA's), (257, 5743), (301, 5857), (302, 5860), (305, 5869), (339, 5938), (342, 5956), (362, 6019), (410, 6097), (426, 6124), (434, 6139), (440, 6157), (441, 6160), (501, 6250), (528, 6319),

Gene: Makemake_10 Start: 6196, Stop: 7164, Start Num: 66

Candidate Starts for Makemake_10:

(Start: 66 @6196 has 202 MA's), (Start: 77 @6229 has 5 MA's), (Start: 86 @6247 has 111 MA's), (Start: 87 @6250 has 14 MA's), (240, 6517), (257, 6568), (263, 6580), (296, 6655), (317, 6718), (333, 6751), (342, 6781), (346, 6799), (353, 6823), (381, 6862), (431, 6943), (440, 6967), (441, 6970), (442, 6973), (463, 6982), (505, 7069), (527, 7114), (547, 7156),

Gene: MalagasyRose_31 Start: 25844, Stop: 26686, Start Num: 189

Candidate Starts for MalagasyRose_31:

(169, 25817), (Start: 189 @25844 has 154 MA's), (Start: 203 @25856 has 1 MA's), (215, 25883), (219, 25889), (231, 25919), (243, 25943), (253, 25979), (257, 25988), (271, 26024), (287, 26066), (333, 26171), (401, 26324), (405, 26336), (415, 26357), (430, 26381), (440, 26408), (443, 26417), (481, 26507), (503, 26546), (511, 26567), (555, 26666),

Gene: Malec_12 Start: 6729, Stop: 7712, Start Num: 84

Candidate Starts for Malec_12:

(Start: 84 @6729 has 68 MA's), (95, 6759), (Start: 97 @6762 has 1 MA's), (Start: 106 @6783 has 1 MA's), (229, 7020), (234, 7032), (244, 7059), (257, 7089), (263, 7101), (266, 7113), (292, 7167), (308, 7218), (342, 7278), (405, 7425), (481, 7500), (511, 7560), (545, 7632), (560, 7686),

Gene: Malinsilva_14 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for Malinsilva_14:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: Malthus_33 Start: 27553, Stop: 28344, Start Num: 173

Candidate Starts for Malthus_33:

(Start: 173 @27553 has 20 MA's), (Start: 203 @27586 has 1 MA's), (219, 27619), (229, 27643), (239, 27664), (253, 27712), (257, 27721), (271, 27757), (304, 27838), (397, 28045), (405, 28072), (408, 28078), (415, 28093), (430, 28117), (479, 28141), (496, 28162), (507, 28195), (511, 28207), (545, 28279),

Gene: Manatee_10 Start: 5683, Stop: 6651, Start Num: 66

Candidate Starts for Manatee_10:

(Start: 66 @5683 has 202 MA's), (Start: 77 @5716 has 5 MA's), (Start: 86 @5734 has 111 MA's), (Start: 87 @5737 has 14 MA's), (240, 6004), (257, 6055), (263, 6067), (296, 6142), (317, 6205), (333, 6238), (339, 6250), (342, 6268), (346, 6286), (353, 6310), (381, 6349), (431, 6430), (440, 6454), (441, 6457), (442, 6460), (463, 6469), (505, 6556), (547, 6643),

Gene: Manda_36 Start: 32343, Stop: 33200, Start Num: 165

Candidate Starts for Manda_36:

(Start: 165 @32343 has 123 MA's), (185, 32382), (207, 32412), (217, 32433), (233, 32469), (244, 32499), (276, 32574), (296, 32622), (298, 32625), (301, 32649), (302, 32652), (307, 32667), (381, 32838), (435, 32952), (440, 32967), (442, 32973), (478, 33015), (479, 33018), (507, 33072), (539, 33150), (552, 33183),

Gene: Mandlovu_32 Start: 28274, Stop: 29290, Start Num: 55

Candidate Starts for Mandlovu_32:

(17, 27956), (18, 27962), (21, 27974), (Start: 23 @27986 has 1 MA's), (24, 27998), (Start: 55 @28274 has 239 MA's), (Start: 107 @28406 has 3 MA's), (116, 28427), (Start: 129 @28448 has 1 MA's), (145, 28478), (149, 28490), (Start: 174 @28532 has 1 MA's), (188, 28556), (Start: 203 @28571 has 1 MA's), (207, 28583), (213, 28598), (257, 28694), (300, 28805), (307, 28826), (328, 28865), (333, 28877), (346, 28925), (354, 28952), (366, 28976), (381, 28991), (440, 29099), (478, 29147), (511, 29216), (527, 29246),

Gene: Mangeria_252 Start: 145144, Stop: 146172, Start Num: 49

Candidate Starts for Mangeria_252:

(Start: 49 @145144 has 167 MA's), (Start: 62 @145174 has 3 MA's), (68, 145186), (82, 145228), (116, 145291), (Start: 129 @145312 has 1 MA's), (Start: 174 @145396 has 1 MA's), (Start: 203 @145438 has 1 MA's), (207, 145450), (213, 145465), (244, 145534), (257, 145561), (278, 145615), (294, 145660), (295, 145663), (323, 145741), (333, 145762), (381, 145873), (434, 145963), (440, 145981), (493, 146053), (507, 146086),

Gene: Mantra_31 Start: 27618, Stop: 28619, Start Num: 55

Candidate Starts for Mantra_31:

(3, 26997), (7, 27075), (9, 27138), (13, 27177), (22, 27330), (25, 27366), (Start: 55 @27618 has 239 MA's), (Start: 62 @27639 has 3 MA's), (68, 27651), (82, 27693), (116, 27756), (Start: 129 @27777 has 1 MA's), (145, 27807), (Start: 174 @27861 has 1 MA's), (188, 27885), (207, 27912), (257, 28023), (301, 28137), (307, 28155), (328, 28194), (339, 28218), (346, 28254), (354, 28281), (381, 28320), (410, 28368), (440, 28428), (485, 28488), (511, 28545), (527, 28575),

Gene: Manu_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Manu_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: MarQuardt_12 Start: 5963, Stop: 6928, Start Num: 59

Candidate Starts for MarQuardt_12:

(Start: 59 @5963 has 93 MA's), (78, 6008), (Start: 87 @6029 has 14 MA's), (158, 6149), (257, 6344), (264, 6359), (300, 6440), (305, 6455), (314, 6473), (339, 6524), (342, 6542), (354, 6587), (410, 6683), (441, 6746), (474, 6785), (501, 6836),

Gene: Maravista_31 Start: 27454, Stop: 28455, Start Num: 55

Candidate Starts for Maravista_31:

(Start: 55 @27454 has 239 MA's), (Start: 62 @27475 has 3 MA's), (68, 27487), (82, 27529), (116, 27592), (Start: 129 @27613 has 1 MA's), (145, 27643), (Start: 174 @27697 has 1 MA's), (188, 27721), (Start: 203 @27736 has 1 MA's), (207, 27748), (257, 27859), (301, 27973), (307, 27991), (328, 28030), (339, 28054), (346, 28090), (354, 28117), (381, 28156), (410, 28204), (440, 28264), (485, 28324), (511, 28381), (527, 28411),

Gene: Marcell_10 Start: 5946, Stop: 6914, Start Num: 66

Candidate Starts for Marcell_10:

(Start: 66 @5946 has 202 MA's), (Start: 77 @5979 has 5 MA's), (Start: 86 @5997 has 111 MA's), (Start: 87 @6000 has 14 MA's), (240, 6267), (257, 6318), (263, 6330), (296, 6405), (317, 6468), (324, 6480), (333, 6501), (339, 6513), (342, 6531), (346, 6549), (353, 6573), (381, 6612), (431, 6693), (440, 6717), (441, 6720), (442, 6723), (463, 6732), (527, 6864), (547, 6906),

Gene: Marchesa_10 Start: 5790, Stop: 6530, Start Num: 189

Candidate Starts for Marchesa_10:

(Start: 189 @5790 has 154 MA's), (235, 5877), (257, 5934), (263, 5946), (264, 5949), (272, 5973), (285, 5988), (290, 6006), (300, 6036), (302, 6042), (305, 6051), (314, 6069), (339, 6120), (342, 6138), (368, 6210), (399, 6252), (410, 6279), (426, 6306), (440, 6339), (441, 6342), (474, 6381), (549, 6522),

Gene: Marchy_9 Start: 5606, Stop: 6541, Start Num: 77

Candidate Starts for Marchy_9:

(Start: 66 @5573 has 202 MA's), (Start: 77 @5606 has 5 MA's), (Start: 86 @5624 has 111 MA's), (Start: 87 @5627 has 14 MA's), (240, 5894), (257, 5945), (263, 5957), (296, 6032), (317, 6095), (333, 6128), (339, 6140), (342, 6158), (346, 6176), (381, 6239), (431, 6320), (440, 6344), (441, 6347), (442, 6350), (463, 6359), (505, 6446), (527, 6491), (547, 6533),

Gene: Marcoliusprime_29 Start: 24807, Stop: 26009, Start Num: 71

Candidate Starts for Marcoliusprime_29:

(56, 24765), (Start: 71 @24807 has 10 MA's), (80, 24834), (103, 24891), (111, 24912), (126, 24939), (158, 24999), (178, 25035), (Start: 203 @25068 has 1 MA's), (204, 25071), (219, 25101), (244, 25167), (257, 25206), (292, 25284), (306, 25329), (339, 25386), (342, 25404), (405, 25569), (415, 25590), (428, 25611), (452, 25716), (457, 25731), (478, 25800), (507, 25857), (543, 25938),

Gene: Marge_10 Start: 5967, Stop: 6935, Start Num: 66

Candidate Starts for Marge_10:

(Start: 66 @5967 has 202 MA's), (Start: 77 @6000 has 5 MA's), (Start: 86 @6018 has 111 MA's), (Start: 87 @6021 has 14 MA's), (240, 6288), (257, 6339), (263, 6351), (296, 6426), (317, 6489), (324, 6501), (333, 6522), (342, 6552), (346, 6570), (353, 6594), (381, 6633), (431, 6714), (440, 6738), (441, 6741), (442, 6744), (463, 6753), (505, 6840), (527, 6885), (547, 6927),

Gene: Margo_11 Start: 6077, Stop: 7042, Start Num: 59

Candidate Starts for Margo_11:

(Start: 59 @6077 has 93 MA's), (78, 6122), (Start: 87 @6143 has 14 MA's), (158, 6263), (166, 6278), (Start: 199 @6317 has 2 MA's), (235, 6401), (257, 6458), (264, 6473), (300, 6554), (305, 6569), (314, 6587), (339, 6638), (342, 6656), (354, 6701), (410, 6797), (441, 6860), (474, 6899), (501, 6950),

Gene: Marie_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for Marie_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Marius_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Marius_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: MarkPhew_31 Start: 25592, Stop: 26332, Start Num: 189

Candidate Starts for MarkPhew_31:

(128, 25490), (Start: 138 @25511 has 3 MA's), (159, 25544), (169, 25565), (Start: 189 @25592 has 154 MA's), (215, 25631), (219, 25637), (234, 25673), (257, 25730), (271, 25766), (287, 25808), (302, 25856), (334, 25916), (405, 26078), (420, 26105), (430, 26123), (474, 26135), (502, 26189), (511, 26213), (555, 26312), (557, 26321),

Gene: Marker_32 Start: 27383, Stop: 28384, Start Num: 55

Candidate Starts for Marker_32:

(25, 27131), (35, 27284), (47, 27356), (Start: 55 @27383 has 239 MA's), (82, 27458), (116, 27521), (Start: 129 @27542 has 1 MA's), (145, 27572), (Start: 174 @27626 has 1 MA's), (188, 27650), (Start: 203 @27665 has 1 MA's), (207, 27677), (213, 27692), (257, 27788), (301, 27902), (307, 27920), (328, 27959), (339, 27983), (346, 28019), (354, 28046), (381, 28085), (410, 28133), (440, 28193), (478, 28241), (485, 28253), (507, 28298), (511, 28310), (527, 28340),

Gene: Marley1013_47 Start: 42315, Stop: 43379, Start Num: 102

Candidate Starts for Marley1013_47:

(Start: 102 @42315 has 45 MA's), (134, 42378), (179, 42459), (212, 42525), (222, 42540), (226, 42552), (237, 42579), (256, 42636), (260, 42645), (323, 42792), (332, 42807), (349, 42861), (366, 42894), (388, 42933), (396, 42945), (432, 43026), (442, 43044), (443, 43047), (448, 43092), (478, 43203), (529, 43314), (540, 43335), (553, 43368),

Gene: Maroc7_9 Start: 5759, Stop: 6727, Start Num: 66

Candidate Starts for Maroc7_9:

(Start: 66 @5759 has 202 MA's), (Start: 77 @5792 has 5 MA's), (Start: 86 @5810 has 111 MA's), (Start: 87 @5813 has 14 MA's), (240, 6080), (257, 6131), (263, 6143), (296, 6218), (317, 6281), (324, 6293), (333, 6314), (339, 6326), (342, 6344), (346, 6362), (353, 6386), (381, 6425), (431, 6506), (440, 6530), (441, 6533), (442, 6536), (463, 6545), (527, 6677), (547, 6719),

Gene: Marsha_10 Start: 6203, Stop: 7171, Start Num: 66

Candidate Starts for Marsha_10:

(Start: 66 @6203 has 202 MA's), (Start: 77 @6236 has 5 MA's), (Start: 86 @6254 has 111 MA's), (Start: 87 @6257 has 14 MA's), (240, 6524), (244, 6542), (257, 6575), (263, 6587), (296, 6662), (317, 6725), (333, 6758), (342, 6788), (346, 6806), (381, 6869), (431, 6950), (440, 6974), (441, 6977), (442, 6980), (463, 6989), (505, 7076), (547, 7163),

Gene: Marshawn_32 Start: 26272, Stop: 27012, Start Num: 189

Candidate Starts for Marshawn_32:

(159, 26224), (169, 26245), (Start: 189 @26272 has 154 MA's), (Start: 203 @26284 has 1 MA's), (215, 26311), (219, 26317), (234, 26353), (257, 26410), (263, 26422), (271, 26446), (287, 26488), (302, 26536), (334, 26596), (397, 26731), (405, 26758), (430, 26803), (479, 26827), (502, 26869), (510, 26890), (511, 26893), (555, 26992), (557, 27001),

Gene: Marshmallow_35 Start: 31856, Stop: 32713, Start Num: 165

Candidate Starts for Marshmallow_35:

(Start: 165 @31856 has 123 MA's), (185, 31895), (207, 31925), (217, 31946), (233, 31982), (244, 32012), (276, 32087), (296, 32135), (298, 32138), (301, 32162), (302, 32165), (307, 32180), (381, 32351), (435, 32465), (440, 32480), (442, 32486), (478, 32528), (479, 32531), (507, 32585), (539, 32663), (552, 32696),

Gene: Martik_31 Start: 27699, Stop: 28700, Start Num: 55

Candidate Starts for Martik_31:

(Start: 55 @27699 has 239 MA's), (Start: 62 @27720 has 3 MA's), (68, 27732), (82, 27774), (116, 27837), (Start: 129 @27858 has 1 MA's), (145, 27888), (Start: 174 @27942 has 1 MA's), (188, 27966), (Start: 203 @27981 has 1 MA's), (207, 27993), (257, 28104), (301, 28218), (307, 28236), (328, 28275), (339, 28299), (346, 28335), (354, 28362), (381, 28401), (410, 28449), (440, 28509), (485, 28569), (511, 28626), (527, 28656),

Gene: MaryBeth_10 Start: 6181, Stop: 7149, Start Num: 66

Candidate Starts for MaryBeth_10:

(Start: 66 @6181 has 202 MA's), (Start: 77 @6214 has 5 MA's), (Start: 86 @6232 has 111 MA's), (Start: 87 @6235 has 14 MA's), (240, 6502), (257, 6553), (263, 6565), (296, 6640), (317, 6703), (324, 6715), (333, 6736), (339, 6748), (342, 6766), (346, 6784), (353, 6808), (381, 6847), (431, 6928), (440, 6952), (441, 6955), (442, 6958), (463, 6967), (505, 7054), (547, 7141),

Gene: MaryV_52 Start: 38366, Stop: 39331, Start Num: 55

Candidate Starts for MaryV_52:

(Start: 55 @38366 has 239 MA's), (Start: 77 @38429 has 5 MA's), (118, 38489), (126, 38504), (Start: 129 @38507 has 1 MA's), (Start: 137 @38519 has 50 MA's), (139, 38525), (160, 38561), (162, 38564), (207, 38636), (213, 38651), (217, 38657), (244, 38720), (257, 38750), (269, 38783), (300, 38846), (301, 38849), (317, 38888), (333, 38921), (342, 38948), (344, 38957), (353, 38990), (436, 39125), (441, 39140), (478, 39185), (501, 39227), (511, 39254), (532, 39296),

Gene: MarysWell_7 Start: 5323, Stop: 6132, Start Num: 137

Candidate Starts for MarysWell_7:

(Start: 137 @5323 has 50 MA's), (169, 5386), (175, 5395), (209, 5452), (230, 5500), (343, 5770), (356, 5812), (391, 5869), (407, 5911), (534, 6118),

Gene: Matsumoto_250 Start: 144235, Stop: 145263, Start Num: 49

Candidate Starts for Matsumoto_250:

(Start: 49 @144235 has 167 MA's), (Start: 62 @144265 has 3 MA's), (68, 144277), (82, 144319), (116, 144382), (Start: 129 @144403 has 1 MA's), (Start: 174 @144487 has 1 MA's), (Start: 203 @144529 has 1 MA's), (207, 144541), (213, 144556), (244, 144625), (257, 144652), (278, 144706), (294, 144751), (295, 144754), (323, 144832), (333, 144853), (381, 144964), (434, 145054), (440, 145072), (493, 145144), (507, 145177),

Gene: Mattes_31 Start: 27708, Stop: 28709, Start Num: 55

Candidate Starts for Mattes_31:

(Start: 55 @27708 has 239 MA's), (82, 27783), (116, 27846), (Start: 129 @27867 has 1 MA's), (Start: 174 @27951 has 1 MA's), (188, 27975), (Start: 203 @27990 has 1 MA's), (207, 28002), (257, 28113), (301, 28227), (307, 28245), (328, 28284), (339, 28308), (346, 28344), (381, 28410), (440, 28518), (478, 28566), (485, 28578), (507, 28623), (511, 28635), (527, 28665),

Gene: Maverick_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Maverick_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Maxo_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Maxo_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Maxxinista_36 Start: 31325, Stop: 32182, Start Num: 165

Candidate Starts for Maxxinista_36:

(Start: 165 @31325 has 123 MA's), (185, 31364), (207, 31394), (217, 31415), (233, 31451), (244, 31481), (276, 31556), (296, 31604), (298, 31607), (301, 31631), (302, 31634), (307, 31649), (381, 31820), (435, 31934), (440, 31949), (442, 31955), (478, 31997), (479, 32000), (507, 32054), (539, 32132), (552, 32165),

Gene: Mazhar510_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Mazhar510_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (334, 6401), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: McGee_254 Start: 144581, Stop: 145609, Start Num: 49

Candidate Starts for McGee_254:

(Start: 49 @144581 has 167 MA's), (Start: 62 @144611 has 3 MA's), (68, 144623), (82, 144665), (116, 144728), (Start: 129 @144749 has 1 MA's), (Start: 174 @144833 has 1 MA's), (Start: 203 @144875 has 1 MA's), (207, 144887), (213, 144902), (244, 144971), (257, 144998), (278, 145052), (294, 145097), (295, 145100), (323, 145178), (333, 145199), (381, 145310), (434, 145400), (440, 145418), (493, 145490), (507, 145523),

Gene: McGuire_10 Start: 5728, Stop: 6696, Start Num: 66

Candidate Starts for McGuire_10:

(Start: 66 @5728 has 202 MA's), (Start: 77 @5761 has 5 MA's), (Start: 86 @5779 has 111 MA's), (Start: 87 @5782 has 14 MA's), (240, 6049), (257, 6100), (263, 6112), (296, 6187), (317, 6250), (333, 6283), (339, 6295), (342, 6313), (346, 6331), (353, 6355), (381, 6394), (431, 6475), (440, 6499), (441, 6502), (442, 6505), (463, 6514), (505, 6601), (547, 6688),

Gene: McMater_31 Start: 25850, Stop: 26611, Start Num: 189

Candidate Starts for McMater_31:

(169, 25820), (Start: 189 @25850 has 154 MA's), (219, 25895), (234, 25931), (255, 25991), (257, 25997), (268, 26027), (271, 26033), (274, 26042), (287, 26075), (300, 26117), (323, 26168), (334, 26183), (397, 26318), (405, 26345), (415, 26366), (420, 26372), (430, 26390), (479, 26423), (481, 26429), (507, 26477), (538, 26549), (555, 26591), (557, 26600),

Gene: McWolfish_249 Start: 144242, Stop: 145270, Start Num: 49

Candidate Starts for McWolfish_249:

(Start: 49 @144242 has 167 MA's), (Start: 62 @144272 has 3 MA's), (68, 144284), (82, 144326), (116, 144389), (Start: 129 @144410 has 1 MA's), (Start: 174 @144494 has 1 MA's), (Start: 203 @144536 has 1 MA's), (207, 144548), (213, 144563), (244, 144632), (257, 144659), (278, 144713), (294, 144758), (295, 144761), (323, 144839), (333, 144860), (381, 144971), (434, 145061), (440, 145079), (493, 145151), (507, 145184),

Gene: Mdavu_27 Start: 25966, Stop: 26724, Start Num: 187

Candidate Starts for Mdavu_27:

(128, 25864), (159, 25918), (169, 25939), (Start: 187 @25966 has 16 MA's), (219, 26011), (234, 26047), (255, 26107), (257, 26113), (268, 26143), (287, 26191), (300, 26233), (334, 26299), (344, 26335), (397, 26434), (405, 26461), (415, 26482), (420, 26488), (474, 26527), (479, 26539), (481, 26545), (498, 26569), (507, 26593), (555, 26704), (557, 26713),

Gene: MeaningOfLife_31 Start: 26430, Stop: 27302, Start Num: 189

Candidate Starts for MeaningOfLife_31:

(169, 26403), (Start: 189 @26430 has 154 MA's), (Start: 203 @26442 has 1 MA's), (234, 26511), (244, 26538), (253, 26568), (257, 26577), (271, 26613), (274, 26622), (287, 26655), (294, 26673), (302, 26703), (334, 26763), (397, 26898), (405, 26925), (415, 26946), (430, 26970), (447, 27021), (481, 27123), (502, 27159), (511, 27183), (555, 27282), (557, 27291),

Gene: Medusa_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Medusa_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: MeeZee_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for MeeZee_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Megamind_249 Start: 144567, Stop: 145595, Start Num: 49

Candidate Starts for Megamind_249:

(Start: 49 @144567 has 167 MA's), (Start: 62 @144597 has 3 MA's), (68, 144609), (82, 144651), (116, 144714), (Start: 129 @144735 has 1 MA's), (Start: 174 @144819 has 1 MA's), (Start: 203 @144861 has 1 MA's), (207, 144873), (213, 144888), (244, 144957), (257, 144984), (278, 145038), (294, 145083), (295, 145086), (323, 145164), (333, 145185), (381, 145296), (434, 145386), (440, 145404), (493, 145476), (507, 145509),

Gene: Megsy_31 Start: 26430, Stop: 27302, Start Num: 189

Candidate Starts for Megsy_31:

(169, 26403), (Start: 189 @26430 has 154 MA's), (Start: 203 @26442 has 1 MA's), (234, 26511), (244, 26538), (253, 26568), (257, 26577), (271, 26613), (274, 26622), (287, 26655), (294, 26673), (334,

26763), (397, 26898), (405, 26925), (415, 26946), (430, 26970), (447, 27021), (481, 27123), (502, 27159), (511, 27183), (555, 27282), (557, 27291),

Gene: Melissauren88_31 Start: 27668, Stop: 28666, Start Num: 55

Candidate Starts for Melissauren88_31:

(Start: 55 @27668 has 239 MA's), (82, 27743), (116, 27803), (Start: 129 @27824 has 1 MA's), (Start: 174 @27908 has 1 MA's), (207, 27959), (213, 27974), (257, 28070), (296, 28157), (300, 28181), (307, 28202), (328, 28241), (333, 28253), (346, 28301), (354, 28328), (366, 28352), (381, 28367), (440, 28475), (478, 28523), (511, 28592), (527, 28622),

Gene: Melpomini_247 Start: 143327, Stop: 144355, Start Num: 49

Candidate Starts for Melpomini_247:

(Start: 49 @143327 has 167 MA's), (Start: 62 @143357 has 3 MA's), (68, 143369), (82, 143411), (116, 143474), (Start: 129 @143495 has 1 MA's), (Start: 174 @143579 has 1 MA's), (Start: 203 @143621 has 1 MA's), (207, 143633), (213, 143648), (244, 143717), (257, 143744), (278, 143798), (294, 143843), (295, 143846), (323, 143924), (333, 143945), (381, 144056), (434, 144146), (440, 144164), (493, 144236), (507, 144269),

Gene: Melvin_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Melvin_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: MetalQZJ_10 Start: 6181, Stop: 7149, Start Num: 66

Candidate Starts for MetalQZJ_10:

(Start: 66 @6181 has 202 MA's), (Start: 77 @6214 has 5 MA's), (Start: 86 @6232 has 111 MA's), (Start: 87 @6235 has 14 MA's), (240, 6502), (257, 6553), (263, 6565), (296, 6640), (317, 6703), (324, 6715), (333, 6736), (339, 6748), (342, 6766), (346, 6784), (353, 6808), (381, 6847), (431, 6928), (440, 6952), (441, 6955), (442, 6958), (463, 6967), (505, 7054), (547, 7141),

Gene: Methuselah_12 Start: 6045, Stop: 7010, Start Num: 59

Candidate Starts for Methuselah_12:

(Start: 59 @6045 has 93 MA's), (78, 6090), (Start: 87 @6111 has 14 MA's), (158, 6231), (235, 6369), (257, 6426), (264, 6441), (300, 6522), (305, 6537), (314, 6555), (339, 6606), (342, 6624), (354, 6669), (410, 6765), (441, 6828), (474, 6867), (501, 6918),

Gene: MiaZeal_48 Start: 38897, Stop: 39901, Start Num: 73

Candidate Starts for MiaZeal_48:

(Start: 73 @38897 has 10 MA's), (92, 38951), (115, 39002), (157, 39074), (207, 39149), (257, 39263), (263, 39275), (274, 39308), (301, 39377), (305, 39389), (310, 39401), (312, 39404), (339, 39449), (342, 39467), (405, 39629), (412, 39644), (417, 39653), (552, 39854),

Gene: Micasa_8 Start: 5324, Stop: 6133, Start Num: 137

Candidate Starts for Micasa_8:

(Start: 137 @5324 has 50 MA's), (169, 5387), (175, 5396), (209, 5453), (230, 5501), (261, 5582), (343, 5771), (356, 5813), (391, 5870), (407, 5912), (534, 6119),

Gene: Michley_10 Start: 5929, Stop: 6897, Start Num: 66

Candidate Starts for Michley_10:

(Start: 66 @5929 has 202 MA's), (Start: 77 @5962 has 5 MA's), (Start: 86 @5980 has 111 MA's), (Start: 87 @5983 has 14 MA's), (240, 6250), (257, 6301), (263, 6313), (296, 6388), (317, 6451), (324, 6463), (333, 6484), (339, 6496), (342, 6514), (346, 6532), (353, 6556), (381, 6595), (431, 6676), (440,

6700), (441, 6703), (442, 6706), (463, 6715), (505, 6802), (527, 6847), (547, 6889),

Gene: Microwolf_12 Start: 5963, Stop: 6928, Start Num: 59

Candidate Starts for Microwolf_12:

(Start: 59 @5963 has 93 MA's), (78, 6008), (Start: 87 @6029 has 14 MA's), (158, 6149), (235, 6287), (257, 6344), (264, 6359), (300, 6440), (305, 6455), (314, 6473), (339, 6524), (342, 6542), (354, 6587), (410, 6683), (441, 6746), (474, 6785), (501, 6836),

Gene: MiculUcigas_11 Start: 6484, Stop: 7461, Start Num: 67

Candidate Starts for MiculUcigas_11:

(Start: 67 @6484 has 52 MA's), (Start: 87 @6538 has 14 MA's), (133, 6595), (213, 6727), (235, 6775), (257, 6832), (271, 6868), (296, 6916), (305, 6955), (340, 7027), (342, 7042), (354, 7087), (362, 7105), (389, 7147), (410, 7195), (426, 7222), (434, 7237), (440, 7255), (441, 7258), (501, 7348),

Gene: Midas2_8 Start: 5323, Stop: 6132, Start Num: 137

Candidate Starts for Midas2_8:

(Start: 137 @5323 has 50 MA's), (169, 5386), (175, 5395), (209, 5452), (230, 5500), (343, 5770), (356, 5812), (391, 5869), (407, 5911), (534, 6118),

Gene: MikeLiesIn_253 Start: 145703, Stop: 146731, Start Num: 49

Candidate Starts for MikeLiesIn_253:

(Start: 49 @145703 has 167 MA's), (Start: 62 @145733 has 3 MA's), (68, 145745), (82, 145787), (116, 145850), (Start: 129 @145871 has 1 MA's), (Start: 174 @145955 has 1 MA's), (Start: 203 @145997 has 1 MA's), (207, 146009), (213, 146024), (244, 146093), (257, 146120), (278, 146174), (294, 146219), (295, 146222), (323, 146300), (333, 146321), (381, 146432), (434, 146522), (440, 146540), (493, 146612), (507, 146645),

Gene: Miko_14 Start: 8100, Stop: 9086, Start Num: 84

Candidate Starts for Miko_14:

(Start: 84 @8100 has 68 MA's), (95, 8130), (Start: 104 @8151 has 1 MA's), (Start: 106 @8154 has 1 MA's), (120, 8187), (234, 8403), (257, 8460), (263, 8472), (269, 8493), (311, 8583), (342, 8649), (405, 8799), (414, 8820), (511, 8934), (545, 9006),

Gene: Mikro_246 Start: 146146, Stop: 147174, Start Num: 49

Candidate Starts for Mikro_246:

(Start: 49 @146146 has 167 MA's), (Start: 62 @146176 has 3 MA's), (68, 146188), (82, 146230), (116, 146293), (Start: 129 @146314 has 1 MA's), (Start: 174 @146398 has 1 MA's), (Start: 203 @146440 has 1 MA's), (207, 146452), (213, 146467), (244, 146536), (257, 146563), (278, 146617), (294, 146662), (295, 146665), (323, 146743), (333, 146764), (381, 146875), (434, 146965), (440, 146983), (493, 147055), (507, 147088),

Gene: MilanaBonita_25 Start: 23599, Stop: 24597, Start Num: 55

Candidate Starts for MilanaBonita_25:

(Start: 55 @23599 has 239 MA's), (82, 23674), (116, 23734), (Start: 129 @23755 has 1 MA's), (Start: 174 @23839 has 1 MA's), (207, 23890), (213, 23905), (257, 24001), (296, 24088), (300, 24112), (307, 24133), (328, 24172), (333, 24184), (346, 24232), (354, 24259), (366, 24283), (381, 24298), (440, 24406), (478, 24454), (511, 24523), (527, 24553),

Gene: Milcery_8 Start: 5360, Stop: 6169, Start Num: 137

Candidate Starts for Milcery_8:

(Start: 137 @5360 has 50 MA's), (169, 5423), (175, 5432), (209, 5489), (230, 5537), (261, 5618), (343, 5807), (356, 5849), (391, 5906), (407, 5948), (534, 6155),

Gene: Miley16_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Miley16_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: MilleniumForce_32 Start: 28460, Stop: 29458, Start Num: 55

Candidate Starts for MilleniumForce_32:

(Start: 55 @28460 has 239 MA's), (82, 28535), (116, 28595), (Start: 129 @28616 has 1 MA's), (Start: 174 @28700 has 1 MA's), (207, 28751), (213, 28766), (257, 28862), (300, 28973), (307, 28994), (328, 29033), (333, 29045), (346, 29093), (354, 29120), (366, 29144), (381, 29159), (440, 29267), (478, 29315), (511, 29384), (527, 29414),

Gene: Millski_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Millski_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Milly_29 Start: 24780, Stop: 25982, Start Num: 71

Candidate Starts for Milly_29:

(56, 24738), (Start: 71 @24780 has 10 MA's), (80, 24807), (90, 24828), (103, 24864), (111, 24885), (126, 24912), (158, 24972), (178, 25008), (Start: 203 @25041 has 1 MA's), (204, 25044), (219, 25074), (244, 25140), (257, 25179), (292, 25257), (306, 25302), (339, 25359), (342, 25377), (405, 25542), (415, 25563), (428, 25584), (449, 25662), (452, 25689), (457, 25704), (478, 25773), (507, 25830), (543, 25911),

Gene: Mindy_35 Start: 31636, Stop: 32493, Start Num: 165

Candidate Starts for Mindy_35:

(Start: 165 @31636 has 123 MA's), (185, 31675), (207, 31705), (217, 31726), (233, 31762), (244, 31792), (276, 31867), (296, 31915), (298, 31918), (301, 31942), (302, 31945), (307, 31960), (381, 32131), (435, 32245), (440, 32260), (442, 32266), (478, 32308), (479, 32311), (507, 32365), (539, 32443), (552, 32476),

Gene: Minerva_55 Start: 43973, Stop: 44845, Start Num: 108

Candidate Starts for Minerva_55:

(Start: 108 @43973 has 40 MA's), (Start: 122 @44000 has 1 MA's), (181, 44108), (195, 44129), (218, 44174), (228, 44195), (240, 44216), (260, 44270), (283, 44321), (299, 44372), (369, 44522), (427, 44630), (429, 44633), (453, 44657), (471, 44693), (478, 44708), (483, 44720), (498, 44741),

Gene: MiniLon_28 Start: 26618, Stop: 27661, Start Num: 74

Candidate Starts for MiniLon_28:

(Start: 74 @26618 has 17 MA's), (Start: 76 @26624 has 22 MA's), (Start: 87 @26651 has 14 MA's), (Start: 94 @26672 has 3 MA's), (117, 26723), (136, 26753), (163, 26804), (223, 26909), (255, 26990), (257, 26996), (273, 27038), (299, 27092), (303, 27110), (305, 27116), (307, 27122), (342, 27194), (368, 27251), (398, 27311), (431, 27386), (439, 27407), (472, 27431), (479, 27446), (481, 27452), (511, 27515), (555, 27617), (559, 27638), (561, 27644),

Gene: MiniMac_28 Start: 26619, Stop: 27662, Start Num: 74

Candidate Starts for MiniMac_28:

(Start: 74 @26619 has 17 MA's), (Start: 76 @26625 has 22 MA's), (Start: 87 @26652 has 14 MA's), (Start: 94 @26673 has 3 MA's), (117, 26724), (136, 26754), (163, 26805), (223, 26910), (255, 26991), (257, 26997), (273, 27039), (299, 27093), (303, 27111), (305, 27117), (307, 27123), (342, 27195), (368, 27252), (398, 27312), (431, 27387), (439, 27408), (472, 27432), (479, 27447), (481, 27453), (486, 27459), (511, 27516), (555, 27618), (559, 27639), (561, 27645), (562, 27654),

Gene: MinionDave_34 Start: 28679, Stop: 29695, Start Num: 55

Candidate Starts for MinionDave_34:

(27, 28448), (28, 28451), (30, 28499), (42, 28634), (44, 28643), (Start: 55 @28679 has 239 MA's), (Start: 107 @28811 has 3 MA's), (116, 28832), (Start: 129 @28853 has 1 MA's), (145, 28883), (149, 28895), (Start: 174 @28937 has 1 MA's), (207, 28988), (213, 29003), (257, 29099), (300, 29210), (307, 29231), (328, 29270), (333, 29282), (346, 29330), (354, 29357), (366, 29381), (381, 29396), (440, 29504), (478, 29552), (511, 29621), (527, 29651),

Gene: Miniwave_35 Start: 32055, Stop: 32912, Start Num: 165

Candidate Starts for Miniwave_35:

(Start: 165 @32055 has 123 MA's), (185, 32094), (207, 32124), (217, 32145), (233, 32181), (244, 32211), (276, 32286), (296, 32334), (298, 32337), (301, 32361), (302, 32364), (307, 32379), (381, 32550), (435, 32664), (440, 32679), (442, 32685), (478, 32727), (479, 32730), (507, 32784), (539, 32862), (552, 32895),

Gene: Minnie_33 Start: 28503, Stop: 29504, Start Num: 55

Candidate Starts for Minnie_33:

(Start: 55 @28503 has 239 MA's), (82, 28578), (95, 28611), (116, 28641), (Start: 129 @28662 has 1 MA's), (145, 28692), (149, 28704), (Start: 174 @28746 has 1 MA's), (188, 28770), (Start: 203 @28785 has 1 MA's), (207, 28797), (257, 28908), (301, 29022), (307, 29040), (328, 29079), (339, 29103), (346, 29139), (354, 29166), (381, 29205), (440, 29313), (478, 29361), (485, 29373), (507, 29418), (511, 29430), (527, 29460),

Gene: Miramae_10 Start: 5845, Stop: 6825, Start Num: 86

Candidate Starts for Miramae_10:

(Start: 86 @5845 has 111 MA's), (95, 5872), (Start: 104 @5893 has 1 MA's), (Start: 106 @5896 has 1 MA's), (234, 6145), (257, 6202), (263, 6214), (282, 6265), (297, 6286), (311, 6334), (342, 6391), (405, 6541), (511, 6676), (515, 6685), (545, 6742), (565, 6817),

Gene: Miryou_30 Start: 27031, Stop: 27903, Start Num: 189

Candidate Starts for Miryou_30:

(128, 26929), (159, 26983), (Start: 189 @27031 has 154 MA's), (Start: 203 @27043 has 1 MA's), (204, 27046), (206, 27049), (219, 27076), (231, 27106), (234, 27112), (253, 27166), (257, 27175), (263, 27187), (274, 27220), (287, 27253), (302, 27301), (405, 27523), (413, 27541), (415, 27544), (443, 27604), (451, 27649), (481, 27721), (502, 27757), (503, 27760), (511, 27781), (536, 27838), (552, 27874), (555, 27883), (557, 27892),

Gene: Misfit_35 Start: 31945, Stop: 32802, Start Num: 165

Candidate Starts for Misfit_35:

(Start: 165 @31945 has 123 MA's), (185, 31984), (207, 32014), (217, 32035), (233, 32071), (244, 32101), (276, 32176), (296, 32224), (298, 32227), (301, 32251), (302, 32254), (307, 32269), (381, 32440), (435, 32554), (440, 32569), (442, 32575), (478, 32617), (479, 32620), (507, 32674), (539, 32752), (552, 32785),

Gene: Misha28_32 Start: 27407, Stop: 28408, Start Num: 55

Candidate Starts for Misha28_32:

(25, 27146), (35, 27308), (Start: 55 @27407 has 239 MA's), (82, 27482), (116, 27545), (Start: 129 @27566 has 1 MA's), (Start: 174 @27650 has 1 MA's), (188, 27674), (Start: 203 @27689 has 1 MA's), (207, 27701), (257, 27812), (301, 27926), (307, 27944), (328, 27983), (339, 28007), (346, 28043), (354, 28070), (381, 28109), (440, 28217), (478, 28265), (485, 28277), (511, 28334), (527, 28364),

Gene: Misomonster_14 Start: 6045, Stop: 7010, Start Num: 59

Candidate Starts for Misomonster_14:

(Start: 59 @6045 has 93 MA's), (78, 6090), (Start: 87 @6111 has 14 MA's), (158, 6231), (235, 6369), (257, 6426), (264, 6441), (300, 6522), (305, 6537), (314, 6555), (339, 6606), (342, 6624), (354, 6669), (410, 6765), (441, 6828), (501, 6918),

Gene: MissDaisy_32 Start: 27396, Stop: 28187, Start Num: 173

Candidate Starts for MissDaisy_32:

(117, 27291), (128, 27309), (142, 27336), (150, 27357), (Start: 173 @27396 has 20 MA's), (Start: 203 @27429 has 1 MA's), (219, 27462), (243, 27516), (253, 27555), (257, 27564), (271, 27600), (274, 27609), (347, 27792), (397, 27888), (405, 27915), (415, 27936), (424, 27951), (430, 27960), (479, 27984), (507, 28038), (511, 28050), (545, 28122), (552, 28143),

Gene: MissWhite_11 Start: 5672, Stop: 6478, Start Num: 138

Candidate Starts for MissWhite_11:

(Start: 138 @5672 has 3 MA's), (209, 5798), (230, 5846), (235, 5858), (259, 5924), (309, 6056), (347, 6140), (356, 6158), (379, 6197), (391, 6215), (480, 6350), (509, 6401), (534, 6464),

Gene: MisterCuddles_33 Start: 28455, Stop: 29525, Start Num: 113

Candidate Starts for MisterCuddles_33:

(91, 28404), (Start: 113 @28455 has 21 MA's), (124, 28476), (Start: 129 @28482 has 1 MA's), (143, 28509), (146, 28518), (179, 28578), (195, 28605), (226, 28671), (245, 28725), (260, 28767), (278, 28818), (308, 28902), (323, 28932), (337, 28965), (358, 29040), (369, 29061), (432, 29190), (448, 29262), (472, 29358), (478, 29370), (511, 29439), (537, 29496), (542, 29505),

Gene: Mitti_32 Start: 27554, Stop: 28345, Start Num: 173

Candidate Starts for Mitti_32:

(Start: 173 @27554 has 20 MA's), (Start: 203 @27587 has 1 MA's), (219, 27620), (229, 27644), (239, 27665), (243, 27674), (251, 27704), (253, 27713), (257, 27722), (271, 27758), (304, 27839), (397, 28046), (405, 28073), (415, 28094), (424, 28109), (430, 28118), (479, 28142), (507, 28196), (511, 28208), (545, 28280),

Gene: MkaliMitinis3_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for MkaliMitinis3_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (154, 26477), (172, 26507), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (279, 26732), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Mkhuseli_9 Start: 5588, Stop: 6556, Start Num: 66

Candidate Starts for Mkhuseli_9:

(Start: 66 @5588 has 202 MA's), (Start: 77 @5621 has 5 MA's), (Start: 86 @5639 has 111 MA's), (Start: 87 @5642 has 14 MA's), (240, 5909), (257, 5960), (263, 5972), (296, 6047), (317, 6110), (333, 6143), (339, 6155), (342, 6173), (346, 6191), (353, 6215), (381, 6254), (431, 6335), (440, 6359), (441, 6362), (442, 6365), (463, 6374), (505, 6461), (527, 6506), (547, 6548),

Gene: MmasiCarm_47 Start: 41519, Stop: 42583, Start Num: 102

Candidate Starts for MmasiCarm_47:

(Start: 102 @41519 has 45 MA's), (134, 41582), (179, 41663), (212, 41729), (222, 41744), (226, 41756), (237, 41783), (256, 41840), (260, 41849), (323, 41996), (332, 42011), (349, 42065), (366, 42098), (388, 42137), (396, 42149), (432, 42230), (442, 42248), (443, 42251), (448, 42296), (478, 42407), (529, 42518), (540, 42539), (553, 42572),

Gene: MoMoMixon_248 Start: 144662, Stop: 145690, Start Num: 49

Candidate Starts for MoMoMixon_248:

(Start: 49 @144662 has 167 MA's), (Start: 62 @144692 has 3 MA's), (68, 144704), (82, 144746), (116, 144809), (Start: 129 @144830 has 1 MA's), (Start: 174 @144914 has 1 MA's), (Start: 203 @144956 has 1 MA's), (207, 144968), (213, 144983), (244, 145052), (257, 145079), (278, 145133), (294, 145178), (295, 145181), (323, 145259), (333, 145280), (381, 145391), (434, 145481), (440, 145499), (493, 145571), (507, 145604),

Gene: Modragons_31 Start: 27572, Stop: 28573, Start Num: 55

Candidate Starts for Modragons_31:

(2, 26951), (6, 27029), (8, 27092), (12, 27131), (17, 27263), (22, 27284), (25, 27320), (35, 27473), (Start: 55 @27572 has 239 MA's), (Start: 62 @27593 has 3 MA's), (68, 27605), (82, 27647), (95, 27680), (116, 27710), (Start: 129 @27731 has 1 MA's), (Start: 174 @27815 has 1 MA's), (188, 27839), (Start: 203 @27854 has 1 MA's), (207, 27866), (257, 27977), (301, 28091), (307, 28109), (328, 28148), (339, 28172), (346, 28208), (354, 28235), (381, 28274), (440, 28382), (478, 28430), (485, 28442), (505, 28484), (507, 28487), (511, 28499), (527, 28529),

Gene: Moldemort_36 Start: 31600, Stop: 32457, Start Num: 165

Candidate Starts for Moldemort_36:

(Start: 165 @31600 has 123 MA's), (185, 31639), (207, 31669), (217, 31690), (233, 31726), (244, 31756), (276, 31831), (296, 31879), (298, 31882), (301, 31906), (302, 31909), (307, 31924), (381, 32095), (435, 32209), (440, 32224), (442, 32230), (478, 32272), (479, 32275), (507, 32329), (539, 32407), (552, 32440),

Gene: Molly_11 Start: 5789, Stop: 6757, Start Num: 66

Candidate Starts for Molly_11:

(Start: 66 @5789 has 202 MA's), (Start: 77 @5822 has 5 MA's), (Start: 86 @5840 has 111 MA's), (Start: 87 @5843 has 14 MA's), (240, 6110), (257, 6161), (263, 6173), (296, 6248), (317, 6311), (324, 6323), (333, 6344), (342, 6374), (346, 6392), (353, 6416), (381, 6455), (431, 6536), (440, 6560), (441, 6563), (442, 6566), (463, 6575), (505, 6662), (527, 6707), (547, 6749),

Gene: Momo_254 Start: 143793, Stop: 144821, Start Num: 49

Candidate Starts for Momo_254:

(Start: 49 @143793 has 167 MA's), (Start: 62 @143823 has 3 MA's), (68, 143835), (82, 143877), (116, 143940), (Start: 129 @143961 has 1 MA's), (Start: 174 @144045 has 1 MA's), (Start: 203 @144087 has 1 MA's), (207, 144099), (213, 144114), (244, 144183), (257, 144210), (278, 144264), (294, 144309), (295, 144312), (323, 144390), (333, 144411), (381, 144522), (434, 144612), (440, 144630), (493, 144702), (507, 144735),

Gene: Monet_11 Start: 6484, Stop: 7452, Start Num: 66

Candidate Starts for Monet_11:

(Start: 66 @6484 has 202 MA's), (Start: 77 @6517 has 5 MA's), (Start: 86 @6535 has 111 MA's), (240, 6805), (257, 6856), (263, 6868), (296, 6943), (317, 7006), (324, 7018), (333, 7039), (339, 7051), (342, 7069), (346, 7087), (353, 7111), (381, 7150), (431, 7231), (440, 7255), (441, 7258), (442, 7261), (463, 7270), (505, 7357), (515, 7381), (527, 7402), (547, 7444),

Gene: MoneyMay_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for MoneyMay_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: MontyDev_39 Start: 34993, Stop: 36042, Start Num: 108

Candidate Starts for MontyDev_39:

(Start: 108 @34993 has 40 MA's), (151, 35077), (156, 35086), (169, 35110), (188, 35140), (201, 35161), (216, 35197), (226, 35218), (229, 35227), (236, 35245), (260, 35314), (327, 35467), (359, 35566), (407, 35665), (440, 35719), (474, 35872), (486, 35896), (492, 35905), (510, 35947), (511, 35950), (514, 35956), (519, 35965), (535, 36001), (540, 36010), (546, 36019),

Gene: MooMoo_29 Start: 26730, Stop: 27749, Start Num: 55

Candidate Starts for MooMoo_29:

(Start: 55 @26730 has 239 MA's), (Start: 62 @26751 has 3 MA's), (64, 26757), (82, 26805), (116, 26868), (Start: 129 @26889 has 1 MA's), (Start: 174 @26973 has 1 MA's), (Start: 203 @27015 has 1 MA's), (204, 27018), (207, 27027), (235, 27084), (240, 27093), (257, 27138), (296, 27225), (305, 27264), (333, 27321), (342, 27351), (356, 27402), (381, 27432), (463, 27555), (481, 27597), (483, 27600), (494, 27624), (497, 27630), (498, 27636), (500, 27639), (507, 27660),

Gene: Moonbeam_32 Start: 28207, Stop: 29208, Start Num: 55

Candidate Starts for Moonbeam_32:

(Start: 55 @28207 has 239 MA's), (82, 28282), (95, 28315), (116, 28345), (120, 28354), (Start: 129 @28366 has 1 MA's), (Start: 174 @28450 has 1 MA's), (188, 28474), (Start: 203 @28489 has 1 MA's), (207, 28501), (257, 28612), (301, 28726), (307, 28744), (328, 28783), (339, 28807), (346, 28843), (354, 28870), (381, 28909), (440, 29017), (478, 29065), (485, 29077), (507, 29122), (511, 29134), (527, 29164),

Gene: Moose_9 Start: 6022, Stop: 6990, Start Num: 66

Candidate Starts for Moose_9:

(Start: 66 @6022 has 202 MA's), (Start: 77 @6055 has 5 MA's), (Start: 86 @6073 has 111 MA's), (Start: 87 @6076 has 14 MA's), (240, 6343), (257, 6394), (263, 6406), (296, 6481), (317, 6544), (333, 6577), (339, 6589), (342, 6607), (346, 6625), (353, 6649), (381, 6688), (431, 6769), (440, 6793), (441, 6796), (442, 6799), (463, 6808), (505, 6895), (527, 6940), (547, 6982),

Gene: Moostard_28 Start: 26853, Stop: 27896, Start Num: 74

Candidate Starts for Moostard_28:

(Start: 74 @26853 has 17 MA's), (Start: 76 @26859 has 22 MA's), (Start: 87 @26886 has 14 MA's), (Start: 94 @26907 has 3 MA's), (117, 26958), (163, 27039), (223, 27144), (255, 27225), (257, 27231), (299, 27327), (303, 27345), (305, 27351), (307, 27357), (342, 27429), (368, 27486), (398, 27546), (431, 27621), (439, 27642), (472, 27666), (479, 27681), (486, 27693), (511, 27750), (555, 27852), (559, 27873),

Gene: Mori_67 Start: 43460, Stop: 44500, Start Num: 55

Candidate Starts for Mori_67:

(Start: 55 @43460 has 239 MA's), (82, 43535), (116, 43616), (119, 43622), (Start: 129 @43637 has 1 MA's), (172, 43718), (Start: 174 @43721 has 1 MA's), (207, 43775), (213, 43790), (257, 43886), (272, 43925), (284, 43955), (294, 43985), (295, 43988), (302, 44021), (333, 44087), (344, 44126), (346, 44135), (354, 44162), (381, 44201), (488, 44375), (511, 44426),

Gene: Morizzled23_250 Start: 143609, Stop: 144637, Start Num: 49

Candidate Starts for Morizzled23_250:

(Start: 49 @143609 has 167 MA's), (Start: 62 @143639 has 3 MA's), (68, 143651), (82, 143693), (116, 143756), (Start: 129 @143777 has 1 MA's), (Start: 174 @143861 has 1 MA's), (Start: 203 @143903 has 1 MA's), (207, 143915), (213, 143930), (244, 143999), (257, 144026), (278, 144080), (294, 144125), (295, 144128), (296, 144131), (323, 144206), (333, 144227), (381, 144338), (434, 144428), (440, 144446), (493, 144518), (507, 144551),

Gene: Morpher26_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for Morpher26_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (257, 6247), (263, 6259), (273, 6289), (282, 6310), (297, 6331), (311, 6379), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: Morrow_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Morrow_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: Mortcellus_46 Start: 42171, Stop: 43235, Start Num: 102

Candidate Starts for Mortcellus_46:

(Start: 102 @42171 has 45 MA's), (134, 42234), (179, 42315), (212, 42381), (222, 42396), (226, 42408), (237, 42435), (256, 42492), (260, 42501), (323, 42648), (332, 42663), (349, 42717), (366, 42750), (388, 42789), (396, 42801), (432, 42882), (442, 42900), (443, 42903), (448, 42948), (478, 43059), (529, 43170), (540, 43191), (553, 43224),

Gene: Morty007_47 Start: 42315, Stop: 43379, Start Num: 102

Candidate Starts for Morty007_47:

(Start: 102 @42315 has 45 MA's), (134, 42378), (179, 42459), (212, 42525), (222, 42540), (226, 42552), (237, 42579), (256, 42636), (260, 42645), (323, 42792), (332, 42807), (349, 42861), (366, 42894), (388, 42933), (396, 42945), (432, 43026), (442, 43044), (443, 43047), (448, 43092), (478, 43203), (529, 43314), (540, 43335), (553, 43368),

Gene: Mosby_34 Start: 31362, Stop: 32219, Start Num: 165

Candidate Starts for Mosby_34:

(Start: 165 @31362 has 123 MA's), (185, 31401), (207, 31431), (217, 31452), (233, 31488), (244, 31518), (276, 31593), (296, 31641), (298, 31644), (301, 31668), (302, 31671), (307, 31686), (381, 31857), (435, 31971), (440, 31986), (442, 31992), (478, 32034), (479, 32037), (507, 32091), (539, 32169), (552, 32202),

Gene: Mova_32 Start: 27350, Stop: 28348, Start Num: 55

Candidate Starts for Mova_32:

(Start: 55 @27350 has 239 MA's), (82, 27425), (116, 27485), (Start: 129 @27506 has 1 MA's), (Start: 174 @27590 has 1 MA's), (207, 27641), (213, 27656), (257, 27752), (300, 27863), (307, 27884), (328, 27923), (333, 27935), (346, 27983), (354, 28010), (366, 28034), (381, 28049), (440, 28157), (478, 28205), (511, 28274), (527, 28304),

Gene: Mozy_33 Start: 28396, Stop: 29397, Start Num: 55

Candidate Starts for Mozy_33:

(39, 28342), (41, 28351), (Start: 55 @28396 has 239 MA's), (Start: 62 @28417 has 3 MA's), (82, 28471), (95, 28504), (116, 28534), (Start: 129 @28555 has 1 MA's), (Start: 174 @28639 has 1 MA's), (188, 28663), (Start: 203 @28678 has 1 MA's), (207, 28690), (257, 28801), (301, 28915), (307, 28933), (328, 28972), (339, 28996), (346, 29032), (354, 29059), (381, 29098), (410, 29146), (440, 29206), (478, 29254), (485, 29266), (507, 29311), (511, 29323), (527, 29353),

Gene: MrGordo_10 Start: 5741, Stop: 6709, Start Num: 66

Candidate Starts for MrGordo_10:

(Start: 66 @5741 has 202 MA's), (Start: 77 @5774 has 5 MA's), (Start: 86 @5792 has 111 MA's), (Start: 87 @5795 has 14 MA's), (Start: 203 @5984 has 1 MA's), (240, 6062), (244, 6080), (257, 6113), (263, 6125), (296, 6200), (317, 6263), (333, 6296), (342, 6326), (346, 6344), (353, 6368), (381, 6407), (431, 6488), (440, 6512), (441, 6515), (442, 6518), (463, 6527), (505, 6614), (527, 6659), (547, 6701),

Gene: MrMagoo_43 Start: 32893, Stop: 33870, Start Num: 84

Candidate Starts for MrMagoo_43:

(Start: 84 @32893 has 68 MA's), (Start: 94 @32920 has 3 MA's), (152, 33043), (169, 33073), (204, 33130), (207, 33139), (229, 33184), (233, 33196), (249, 33226), (257, 33250), (265, 33268), (274, 33295), (292, 33334), (304, 33373), (305, 33376), (345, 33463), (352, 33478), (419, 33631), (421, 33634), (424, 33643), (431, 33655), (435, 33664), (442, 33685), (478, 33706), (514, 33781),

Gene: Mryolo_9 Start: 5771, Stop: 6739, Start Num: 66

Candidate Starts for Mryolo_9:

(Start: 66 @5771 has 202 MA's), (Start: 77 @5804 has 5 MA's), (Start: 86 @5822 has 111 MA's), (Start: 87 @5825 has 14 MA's), (240, 6092), (257, 6143), (263, 6155), (296, 6230), (317, 6293), (333, 6326), (339, 6338), (342, 6356), (346, 6374), (353, 6398), (381, 6437), (431, 6518), (440, 6542), (441, 6545), (442, 6548), (463, 6557), (505, 6644), (547, 6731),

Gene: Ms6_25 Start: 23131, Stop: 24129, Start Num: 55

Candidate Starts for Ms6_25:

(Start: 55 @23131 has 239 MA's), (82, 23206), (116, 23266), (Start: 129 @23287 has 1 MA's), (Start: 174 @23371 has 1 MA's), (207, 23422), (213, 23437), (257, 23533), (300, 23644), (307, 23665), (328, 23704), (333, 23716), (346, 23764), (354, 23791), (366, 23815), (381, 23830), (440, 23938), (478, 23986), (511, 24055), (527, 24085),

Gene: MsGreen_28 Start: 26850, Stop: 27893, Start Num: 74

Candidate Starts for MsGreen_28:

(Start: 74 @26850 has 17 MA's), (Start: 76 @26856 has 22 MA's), (Start: 87 @26883 has 14 MA's), (Start: 94 @26904 has 3 MA's), (117, 26955), (163, 27036), (223, 27141), (255, 27222), (257, 27228), (299, 27324), (303, 27342), (305, 27348), (307, 27354), (342, 27426), (368, 27483), (398, 27543), (431, 27618), (439, 27639), (472, 27663), (479, 27678), (486, 27690), (511, 27747), (555, 27849), (559, 27870),

Gene: MuchMore_14 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for MuchMore_14:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: Mufasa_30 Start: 24878, Stop: 26089, Start Num: 71

Candidate Starts for Mufasa_30:

(1, 24167), (4, 24230), (5, 24254), (36, 24755), (38, 24776), (56, 24839), (Start: 71 @24878 has 10 MA's), (80, 24905), (90, 24926), (103, 24962), (126, 25007), (178, 25103), (Start: 203 @25136 has 1 MA's), (204, 25139), (219, 25169), (244, 25235), (257, 25274), (292, 25352), (306, 25397), (339, 25454), (342, 25472), (368, 25544), (405, 25637), (415, 25658), (428, 25679), (430, 25682), (452, 25796), (457, 25811), (478, 25880), (507, 25937), (543, 26018),

Gene: MulchExplorer_34 Start: 28644, Stop: 29645, Start Num: 55

Candidate Starts for MulchExplorer_34:

(Start: 55 @28644 has 239 MA's), (82, 28719), (95, 28752), (116, 28782), (Start: 129 @28803 has 1 MA's), (145, 28833), (149, 28845), (Start: 174 @28887 has 1 MA's), (188, 28911), (Start: 203 @28926 has 1 MA's), (207, 28938), (257, 29049), (301, 29163), (307, 29181), (328, 29220), (339, 29244), (346, 29280), (354, 29307), (381, 29346), (440, 29454), (478, 29502), (485, 29514), (507, 29559), (511, 29571), (527, 29601),

Gene: MulchSalad_30 Start: 24409, Stop: 25410, Start Num: 55

Candidate Starts for MulchSalad_30:

(40, 24364), (43, 24373), (Start: 55 @24409 has 239 MA's), (Start: 74 @24463 has 17 MA's), (82, 24484), (95, 24517), (116, 24547), (Start: 129 @24568 has 1 MA's), (Start: 174 @24652 has 1 MA's), (188, 24676), (Start: 203 @24691 has 1 MA's), (207, 24703), (257, 24814), (307, 24946), (328, 24985), (339, 25009), (346, 25045), (354, 25072), (366, 25096), (381, 25111), (440, 25219), (478, 25267), (511, 25336), (527, 25366),

Gene: Mule_10 Start: 6057, Stop: 7025, Start Num: 66

Candidate Starts for Mule_10:

(Start: 66 @6057 has 202 MA's), (Start: 77 @6090 has 5 MA's), (Start: 86 @6108 has 111 MA's), (Start: 87 @6111 has 14 MA's), (240, 6378), (257, 6429), (263, 6441), (296, 6516), (317, 6579), (324, 6591), (333, 6612), (339, 6624), (342, 6642), (346, 6660), (353, 6684), (381, 6723), (431, 6804), (440, 6828), (441, 6831), (442, 6834), (463, 6843), (505, 6930), (547, 7017),

Gene: Mundrea_10 Start: 5843, Stop: 6823, Start Num: 86

Candidate Starts for Mundrea_10:

(Start: 86 @5843 has 111 MA's), (95, 5870), (Start: 104 @5891 has 1 MA's), (Start: 106 @5894 has 1 MA's), (206, 6074), (234, 6143), (244, 6170), (257, 6200), (263, 6212), (273, 6242), (297, 6284), (300, 6305), (311, 6332), (334, 6362), (342, 6389), (343, 6395), (405, 6539), (511, 6674), (515, 6683), (545, 6740), (565, 6815),

Gene: Murai_68 Start: 43641, Stop: 44681, Start Num: 55

Candidate Starts for Murai_68:

(Start: 55 @43641 has 239 MA's), (82, 43716), (116, 43797), (119, 43803), (Start: 129 @43818 has 1 MA's), (172, 43899), (Start: 174 @43902 has 1 MA's), (207, 43956), (213, 43971), (257, 44067), (272, 44106), (284, 44136), (294, 44166), (295, 44169), (302, 44202), (333, 44268), (344, 44307), (346, 44316), (354, 44343), (381, 44382), (488, 44556), (511, 44607),

Gene: Murica_34 Start: 31842, Stop: 32699, Start Num: 165

Candidate Starts for Murica_34:

(Start: 165 @31842 has 123 MA's), (185, 31881), (207, 31911), (217, 31932), (233, 31968), (244, 31998), (276, 32073), (296, 32121), (298, 32124), (301, 32148), (302, 32151), (307, 32166), (381, 32337), (428, 32436), (435, 32451), (440, 32466), (442, 32472), (478, 32514), (479, 32517), (507, 32571), (539, 32649), (552, 32682),

Gene: Murphy_36 Start: 31837, Stop: 32694, Start Num: 165

Candidate Starts for Murphy_36:

(Start: 165 @31837 has 123 MA's), (185, 31876), (207, 31906), (217, 31927), (233, 31963), (244, 31993), (276, 32068), (296, 32116), (298, 32119), (301, 32143), (302, 32146), (307, 32161), (381, 32332), (435, 32446), (440, 32461), (442, 32467), (478, 32509), (479, 32512), (507, 32566), (539, 32644), (552, 32677),

Gene: Murucutumbu_31 Start: 26406, Stop: 27278, Start Num: 189

Candidate Starts for Murucutumbu_31:

(128, 26304), (169, 26379), (Start: 189 @26406 has 154 MA's), (Start: 203 @26418 has 1 MA's), (234, 26487), (244, 26514), (253, 26544), (257, 26553), (271, 26589), (274, 26598), (287, 26631), (294,

26649), (334, 26739), (397, 26874), (405, 26901), (415, 26922), (430, 26946), (447, 26997), (481, 27099), (502, 27135), (511, 27159), (555, 27258), (557, 27267),

Gene: Museum_11 Start: 5573, Stop: 6541, Start Num: 66

Candidate Starts for Museum_11:

(Start: 66 @5573 has 202 MA's), (Start: 77 @5606 has 5 MA's), (Start: 86 @5624 has 111 MA's), (Start: 87 @5627 has 14 MA's), (240, 5894), (257, 5945), (263, 5957), (296, 6032), (317, 6095), (324, 6107), (333, 6128), (339, 6140), (342, 6158), (346, 6176), (353, 6200), (381, 6239), (431, 6320), (440, 6344), (441, 6347), (442, 6350), (463, 6359), (505, 6446), (547, 6533),

Gene: Mutaforma13_31 Start: 27781, Stop: 28782, Start Num: 55

Candidate Starts for Mutaforma13_31:

(Start: 55 @27781 has 239 MA's), (82, 27856), (95, 27889), (116, 27919), (Start: 129 @27940 has 1 MA's), (145, 27970), (149, 27982), (Start: 174 @28024 has 1 MA's), (188, 28048), (Start: 203 @28063 has 1 MA's), (207, 28075), (213, 28090), (257, 28186), (300, 28297), (307, 28318), (328, 28357), (333, 28369), (346, 28417), (354, 28444), (366, 28468), (381, 28483), (440, 28591), (478, 28639), (511, 28708), (527, 28738),

Gene: Mynx_31 Start: 26477, Stop: 27349, Start Num: 189

Candidate Starts for Mynx_31:

(169, 26450), (Start: 189 @26477 has 154 MA's), (Start: 203 @26489 has 1 MA's), (234, 26558), (244, 26585), (253, 26615), (257, 26624), (271, 26660), (274, 26669), (287, 26702), (294, 26720), (302, 26750), (334, 26810), (397, 26945), (405, 26972), (415, 26993), (430, 27017), (447, 27068), (481, 27170), (502, 27206), (511, 27230), (555, 27329), (557, 27338),

Gene: Myrale_35 Start: 31721, Stop: 32578, Start Num: 165

Candidate Starts for Myrale_35:

(Start: 165 @31721 has 123 MA's), (185, 31760), (207, 31790), (217, 31811), (233, 31847), (244, 31877), (276, 31952), (296, 32000), (298, 32003), (301, 32027), (302, 32030), (307, 32045), (381, 32216), (435, 32330), (440, 32345), (442, 32351), (478, 32393), (479, 32396), (507, 32450), (539, 32528), (552, 32561),

Gene: NEHalo_10 Start: 5583, Stop: 6551, Start Num: 66

Candidate Starts for NEHalo_10:

(Start: 66 @5583 has 202 MA's), (Start: 77 @5616 has 5 MA's), (Start: 86 @5634 has 111 MA's), (Start: 87 @5637 has 14 MA's), (240, 5904), (257, 5955), (263, 5967), (296, 6042), (317, 6105), (324, 6117), (333, 6138), (342, 6168), (346, 6186), (353, 6210), (381, 6249), (431, 6330), (440, 6354), (441, 6357), (442, 6360), (463, 6369), (505, 6456), (547, 6543),

Gene: NaSiaTalie_11 Start: 6481, Stop: 7458, Start Num: 67

Candidate Starts for NaSiaTalie_11:

(Start: 67 @6481 has 52 MA's), (Start: 87 @6535 has 14 MA's), (133, 6592), (213, 6724), (235, 6772), (257, 6829), (271, 6865), (296, 6913), (305, 6952), (340, 7024), (342, 7039), (354, 7084), (362, 7102), (389, 7144), (410, 7192), (426, 7219), (434, 7234), (440, 7252), (441, 7255), (501, 7345),

Gene: Naca_8 Start: 5264, Stop: 6073, Start Num: 137

Candidate Starts for Naca_8:

(105, 5201), (123, 5240), (Start: 137 @5264 has 50 MA's), (169, 5327), (209, 5393), (230, 5441), (343, 5711), (356, 5753), (379, 5792), (391, 5810), (403, 5840), (524, 6038),

Gene: Naija_253 Start: 144496, Stop: 145524, Start Num: 49

Candidate Starts for Naija_253:

(Start: 49 @144496 has 167 MA's), (Start: 62 @144526 has 3 MA's), (68, 144538), (82, 144580), (116, 144643), (Start: 129 @144664 has 1 MA's), (Start: 174 @144748 has 1 MA's), (Start: 203 @144790 has 1 MA's), (207, 144802), (213, 144817), (244, 144886), (257, 144913), (278, 144967), (294, 145012), (295, 145015), (323, 145093), (333, 145114), (381, 145225), (434, 145315), (440, 145333), (493, 145405), (507, 145438),

Gene: Naira_10 Start: 5962, Stop: 6930, Start Num: 66

Candidate Starts for Naira_10:

(Start: 66 @5962 has 202 MA's), (Start: 77 @5995 has 5 MA's), (Start: 86 @6013 has 111 MA's), (Start: 87 @6016 has 14 MA's), (240, 6283), (257, 6334), (263, 6346), (296, 6421), (317, 6484), (333, 6517), (342, 6547), (381, 6628), (431, 6709), (440, 6733), (441, 6736), (442, 6739), (463, 6748), (505, 6835), (547, 6922),

Gene: Naji_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for Naji_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: Nala_35 Start: 31876, Stop: 32733, Start Num: 165

Candidate Starts for Nala_35:

(Start: 165 @31876 has 123 MA's), (185, 31915), (207, 31945), (217, 31966), (233, 32002), (244, 32032), (276, 32107), (296, 32155), (298, 32158), (301, 32182), (302, 32185), (307, 32200), (381, 32371), (435, 32485), (440, 32500), (442, 32506), (478, 32548), (479, 32551), (507, 32605), (539, 32683), (552, 32716),

Gene: Nanosmite_43 Start: 32726, Stop: 33703, Start Num: 84

Candidate Starts for Nanosmite_43:

(Start: 84 @32726 has 68 MA's), (Start: 94 @32753 has 3 MA's), (100, 32768), (229, 33017), (233, 33029), (257, 33083), (280, 33140), (292, 33167), (304, 33206), (305, 33209), (345, 33296), (352, 33311), (360, 33329), (419, 33464), (421, 33467), (431, 33488), (507, 33596), (538, 33638),

Gene: Napoleon13_249 Start: 143525, Stop: 144553, Start Num: 49

Candidate Starts for Napoleon13_249:

(Start: 49 @143525 has 167 MA's), (Start: 62 @143555 has 3 MA's), (68, 143567), (82, 143609), (116, 143672), (Start: 129 @143693 has 1 MA's), (Start: 174 @143777 has 1 MA's), (Start: 203 @143819 has 1 MA's), (207, 143831), (213, 143846), (244, 143915), (257, 143942), (278, 143996), (294, 144041), (295, 144044), (323, 144122), (333, 144143), (381, 144254), (434, 144344), (440, 144362), (493, 144434), (507, 144467),

Gene: Nappy_251 Start: 145602, Stop: 146630, Start Num: 49

Candidate Starts for Nappy_251:

(Start: 49 @145602 has 167 MA's), (Start: 62 @145632 has 3 MA's), (68, 145644), (82, 145686), (116, 145749), (Start: 129 @145770 has 1 MA's), (Start: 174 @145854 has 1 MA's), (Start: 203 @145896 has 1 MA's), (207, 145908), (213, 145923), (244, 145992), (257, 146019), (278, 146073), (294, 146118), (295, 146121), (323, 146199), (333, 146220), (381, 146331), (434, 146421), (440, 146439), (493, 146511), (507, 146544),

Gene: Naval22_257 Start: 146276, Stop: 147304, Start Num: 49

Candidate Starts for Naval22_257:

(Start: 49 @146276 has 167 MA's), (Start: 62 @146306 has 3 MA's), (68, 146318), (82, 146360), (116, 146423), (Start: 129 @146444 has 1 MA's), (Start: 174 @146528 has 1 MA's), (Start: 203 @146570 has 1 MA's), (207, 146582), (213, 146597), (244, 146666), (257, 146693), (278, 146747), (294, 146792), (295, 146795), (323, 146873), (333, 146894), (381, 147005), (434, 147095), (440, 147113),

(493, 147185), (507, 147218),

Gene: NearlyHeadless_8 Start: 4875, Stop: 5684, Start Num: 137

Candidate Starts for NearlyHeadless_8:

(Start: 137 @4875 has 50 MA's), (182, 4959), (209, 5004), (235, 5064), (259, 5130), (278, 5178), (296, 5217), (356, 5364), (379, 5403), (391, 5421), (404, 5454), (411, 5472), (476, 5541), (534, 5670),

Gene: Nebkiss_35 Start: 30289, Stop: 31287, Start Num: 55

Candidate Starts for Nebkiss_35:

(Start: 55 @30289 has 239 MA's), (82, 30364), (116, 30427), (Start: 129 @30448 has 1 MA's), (172, 30529), (Start: 174 @30532 has 1 MA's), (185, 30553), (188, 30556), (206, 30577), (213, 30598), (221, 30610), (229, 30628), (257, 30694), (324, 30856), (329, 30868), (333, 30877), (334, 30880), (339, 30889), (342, 30907), (353, 30949), (379, 30982), (381, 30985), (382, 30988), (410, 31033), (431, 31066), (439, 31087), (440, 31090), (441, 31093), (463, 31105), (478, 31138), (479, 31141), (485, 31150), (498, 31171), (505, 31192), (507, 31195), (511, 31207), (545, 31270), (548, 31279),

Gene: Nebs_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Nebs_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: NedWong_251 Start: 144954, Stop: 145982, Start Num: 49

Candidate Starts for NedWong_251:

(Start: 49 @144954 has 167 MA's), (Start: 62 @144984 has 3 MA's), (68, 144996), (82, 145038), (116, 145101), (Start: 129 @145122 has 1 MA's), (Start: 174 @145206 has 1 MA's), (Start: 203 @145248 has 1 MA's), (207, 145260), (213, 145275), (244, 145344), (257, 145371), (278, 145425), (294, 145470), (295, 145473), (323, 145551), (333, 145572), (381, 145683), (434, 145773), (440, 145791), (493, 145863), (507, 145896),

Gene: NelitzaMV_35 Start: 31926, Stop: 32783, Start Num: 165

Candidate Starts for NelitzaMV_35:

(Start: 165 @31926 has 123 MA's), (185, 31965), (207, 31995), (217, 32016), (233, 32052), (244, 32082), (276, 32157), (296, 32205), (298, 32208), (301, 32232), (302, 32235), (307, 32250), (381, 32421), (435, 32535), (440, 32550), (442, 32556), (478, 32598), (479, 32601), (507, 32655), (539, 32733), (552, 32766),

Gene: Nemo27_10 Start: 5931, Stop: 6860, Start Num: 106

Candidate Starts for Nemo27_10:

(Start: 86 @5880 has 111 MA's), (Start: 87 @5883 has 14 MA's), (95, 5907), (Start: 104 @5928 has 1 MA's), (Start: 106 @5931 has 1 MA's), (234, 6180), (257, 6237), (297, 6321), (300, 6342), (311, 6369), (334, 6399), (342, 6426), (405, 6576), (502, 6687), (507, 6699), (511, 6711), (545, 6777),

Gene: Neos5_47 Start: 42330, Stop: 43394, Start Num: 102

Candidate Starts for Neos5_47:

(Start: 102 @42330 has 45 MA's), (134, 42393), (179, 42474), (212, 42540), (222, 42555), (226, 42567), (237, 42594), (256, 42651), (260, 42660), (323, 42807), (332, 42822), (349, 42876), (366, 42909), (388, 42948), (396, 42960), (432, 43041), (442, 43059), (443, 43062), (448, 43107), (478, 43218), (529, 43329), (540, 43350), (553, 43383),

Gene: Nergal_27 Start: 24122, Stop: 24985, Start Num: 191

Candidate Starts for Nergal_27:

(Start: 138 @24038 has 3 MA's), (159, 24071), (Start: 191 @24122 has 3 MA's), (Start: 203 @24134 has 1 MA's), (206, 24140), (219, 24167), (234, 24203), (239, 24212), (253, 24251), (257, 24260), (271, 24296), (274, 24305), (294, 24356), (334, 24446), (397, 24581), (401, 24596), (405, 24608), (415, 24629), (430, 24653), (437, 24671), (446, 24701), (481, 24806), (503, 24845), (510, 24863), (555, 24965), (557, 24974),

Gene: Nerujay_11 Start: 6472, Stop: 7386, Start Num: 87

Candidate Starts for Nerujay_11:

(Start: 66 @6418 has 202 MA's), (Start: 77 @6451 has 5 MA's), (Start: 86 @6469 has 111 MA's), (Start: 87 @6472 has 14 MA's), (240, 6739), (257, 6790), (263, 6802), (296, 6877), (317, 6940), (333, 6973), (339, 6985), (342, 7003), (346, 7021), (353, 7045), (381, 7084), (431, 7165), (440, 7189), (441, 7192), (442, 7195), (463, 7204), (527, 7336), (547, 7378),

Gene: Netyap_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Netyap_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Ngannou_247 Start: 143478, Stop: 144506, Start Num: 49

Candidate Starts for Ngannou_247:

(Start: 49 @143478 has 167 MA's), (Start: 62 @143508 has 3 MA's), (68, 143520), (82, 143562), (116, 143625), (Start: 129 @143646 has 1 MA's), (Start: 174 @143730 has 1 MA's), (Start: 203 @143772 has 1 MA's), (207, 143784), (213, 143799), (244, 143868), (257, 143895), (278, 143949), (294, 143994), (295, 143997), (323, 144075), (333, 144096), (381, 144207), (434, 144297), (440, 144315), (493, 144387), (507, 144420),

Gene: Nhonho_10 Start: 5867, Stop: 6835, Start Num: 66

Candidate Starts for Nhonho_10:

(Start: 66 @5867 has 202 MA's), (Start: 77 @5900 has 5 MA's), (Start: 86 @5918 has 111 MA's), (Start: 87 @5921 has 14 MA's), (240, 6188), (257, 6239), (263, 6251), (296, 6326), (317, 6389), (333, 6422), (342, 6452), (346, 6470), (353, 6494), (381, 6533), (431, 6614), (440, 6638), (441, 6641), (442, 6644), (463, 6653), (505, 6740), (547, 6827),

Gene: Nibb_30 Start: 25727, Stop: 26467, Start Num: 189

Candidate Starts for Nibb_30:

(128, 25625), (Start: 138 @25646 has 3 MA's), (159, 25679), (169, 25700), (Start: 189 @25727 has 154 MA's), (219, 25772), (234, 25808), (257, 25865), (271, 25901), (287, 25943), (334, 26051), (405, 26213), (420, 26240), (430, 26258), (474, 26270), (479, 26282), (502, 26324), (510, 26345), (511, 26348), (555, 26447), (557, 26456),

Gene: Nicholas_28 Start: 26850, Stop: 27893, Start Num: 74

Candidate Starts for Nicholas_28:

(Start: 74 @26850 has 17 MA's), (Start: 76 @26856 has 22 MA's), (Start: 87 @26883 has 14 MA's), (Start: 94 @26904 has 3 MA's), (117, 26955), (163, 27036), (223, 27141), (255, 27222), (257, 27228), (299, 27324), (303, 27342), (305, 27348), (307, 27354), (342, 27426), (368, 27483), (398, 27543), (431, 27618), (439, 27639), (472, 27663), (479, 27678), (486, 27690), (511, 27747), (555, 27849), (559, 27870),

Gene: Nicholasp3_28 Start: 26305, Stop: 27276, Start Num: 76

Candidate Starts for Nicholasp3_28:

(Start: 76 @26305 has 22 MA's), (Start: 97 @26359 has 1 MA's), (154, 26479), (172, 26509), (180, 26524), (Start: 203 @26557 has 1 MA's), (204, 26560), (207, 26569), (219, 26590), (244, 26653), (257, 26680), (266, 26704), (279, 26734), (301, 26785), (305, 26797), (340, 26860), (342, 26875), (361, 26935), (370, 26950), (405, 27031), (413, 27049), (415, 27052), (420, 27055), (484, 27106), (507, 27151), (525, 27193), (547, 27235),

Gene: NicoleTera_15 Start: 8178, Stop: 9164, Start Num: 84

Candidate Starts for NicoleTera_15:

(Start: 84 @8178 has 68 MA's), (Start: 94 @8205 has 3 MA's), (95, 8208), (Start: 97 @8211 has 1 MA's), (Start: 106 @8232 has 1 MA's), (229, 8469), (234, 8481), (257, 8538), (263, 8550), (266, 8562), (292, 8616), (339, 8709), (342, 8727), (405, 8877), (481, 8952), (497, 8970), (511, 9012), (545, 9084),

Gene: Nidhogg_253 Start: 145322, Stop: 146350, Start Num: 49

Candidate Starts for Nidhogg_253:

(Start: 49 @145322 has 167 MA's), (Start: 62 @145352 has 3 MA's), (68, 145364), (82, 145406), (116, 145469), (Start: 129 @145490 has 1 MA's), (Start: 174 @145574 has 1 MA's), (Start: 203 @145616 has 1 MA's), (207, 145628), (213, 145643), (244, 145712), (257, 145739), (278, 145793), (294, 145838), (295, 145841), (323, 145919), (333, 145940), (381, 146051), (434, 146141), (440, 146159), (493, 146231), (507, 146264),

Gene: NiebruSaylor_66 Start: 42848, Stop: 43888, Start Num: 55

Candidate Starts for NiebruSaylor_66:

(Start: 55 @42848 has 239 MA's), (82, 42923), (116, 43004), (119, 43010), (Start: 129 @43025 has 1 MA's), (172, 43106), (Start: 174 @43109 has 1 MA's), (207, 43163), (213, 43178), (257, 43274), (272, 43313), (284, 43343), (294, 43373), (295, 43376), (302, 43409), (333, 43475), (344, 43514), (346, 43523), (354, 43550), (381, 43589), (488, 43763), (511, 43814),

Gene: NihilNomen_48 Start: 42652, Stop: 43518, Start Num: 108

Candidate Starts for NihilNomen_48:

(Start: 108 @42652 has 40 MA's), (Start: 122 @42679 has 1 MA's), (135, 42700), (181, 42787), (195, 42808), (218, 42853), (228, 42874), (240, 42895), (260, 42949), (283, 43000), (299, 43051), (369, 43201), (396, 43243), (415, 43294), (429, 43312), (474, 43378), (479, 43390), (483, 43399), (501, 43429), (526, 43492),

Gene: Nikao_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for Nikao_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: Niklas_31 Start: 25853, Stop: 26614, Start Num: 189

Candidate Starts for Niklas_31:

(169, 25823), (Start: 189 @25853 has 154 MA's), (219, 25898), (234, 25934), (255, 25994), (257, 26000), (268, 26030), (271, 26036), (274, 26045), (287, 26078), (300, 26120), (323, 26171), (334, 26186), (397, 26321), (405, 26348), (415, 26369), (420, 26375), (430, 26393), (479, 26426), (481, 26432), (507, 26480), (538, 26552), (555, 26594), (557, 26603),

Gene: Nilo_40 Start: 35349, Stop: 36398, Start Num: 108

Candidate Starts for Nilo_40:

(Start: 108 @35349 has 40 MA's), (151, 35433), (156, 35442), (169, 35466), (188, 35496), (201, 35517), (216, 35553), (226, 35574), (229, 35583), (236, 35601), (260, 35670), (298, 35760), (315, 35802), (327, 35823), (359, 35922), (373, 35949), (407, 36021), (440, 36075), (472, 36225), (486,

36252), (492, 36261), (510, 36303), (511, 36306), (514, 36312), (519, 36321), (535, 36357), (540, 36366), (546, 36375),

Gene: Nimbo_31 Start: 27524, Stop: 28525, Start Num: 55

Candidate Starts for Nimbo_31:

(35, 27425), (Start: 55 @27524 has 239 MA's), (Start: 62 @27545 has 3 MA's), (68, 27557), (82, 27599), (116, 27662), (Start: 129 @27683 has 1 MA's), (Start: 174 @27767 has 1 MA's), (188, 27791), (Start: 203 @27806 has 1 MA's), (207, 27818), (257, 27929), (301, 28043), (307, 28061), (328, 28100), (339, 28124), (346, 28160), (354, 28187), (381, 28226), (410, 28274), (440, 28334), (478, 28382), (485, 28394), (507, 28439), (511, 28451),

Gene: Nimrod_35 Start: 32100, Stop: 32957, Start Num: 165

Candidate Starts for Nimrod_35:

(Start: 165 @32100 has 123 MA's), (185, 32139), (207, 32169), (217, 32190), (233, 32226), (244, 32256), (276, 32331), (296, 32379), (298, 32382), (301, 32406), (302, 32409), (307, 32424), (381, 32595), (435, 32709), (440, 32724), (442, 32730), (478, 32772), (479, 32775), (507, 32829), (539, 32907), (552, 32940),

Gene: Nitzel_32 Start: 28239, Stop: 29240, Start Num: 55

Candidate Starts for Nitzel_32:

(35, 28140), (Start: 55 @28239 has 239 MA's), (Start: 62 @28260 has 3 MA's), (68, 28272), (82, 28314), (95, 28347), (116, 28377), (Start: 129 @28398 has 1 MA's), (Start: 174 @28482 has 1 MA's), (188, 28506), (Start: 203 @28521 has 1 MA's), (207, 28533), (257, 28644), (301, 28758), (307, 28776), (328, 28815), (339, 28839), (346, 28875), (354, 28902), (381, 28941), (440, 29049), (478, 29097), (485, 29109), (505, 29151), (507, 29154), (511, 29166), (527, 29196),

Gene: Nivrat_31 Start: 27671, Stop: 28672, Start Num: 55

Candidate Starts for Nivrat_31:

(Start: 55 @27671 has 239 MA's), (Start: 62 @27692 has 3 MA's), (68, 27704), (82, 27746), (116, 27809), (Start: 129 @27830 has 1 MA's), (145, 27860), (Start: 174 @27914 has 1 MA's), (188, 27938), (Start: 203 @27953 has 1 MA's), (207, 27965), (257, 28076), (301, 28190), (307, 28208), (328, 28247), (339, 28271), (346, 28307), (354, 28334), (381, 28373), (410, 28421), (440, 28481), (485, 28541), (511, 28598), (527, 28628),

Gene: Niza_11 Start: 6593, Stop: 7561, Start Num: 66

Candidate Starts for Niza_11:

(Start: 66 @6593 has 202 MA's), (Start: 77 @6626 has 5 MA's), (Start: 86 @6644 has 111 MA's), (Start: 87 @6647 has 14 MA's), (240, 6914), (257, 6965), (263, 6977), (296, 7052), (317, 7115), (324, 7127), (333, 7148), (339, 7160), (342, 7178), (346, 7196), (353, 7220), (381, 7259), (431, 7340), (440, 7364), (441, 7367), (442, 7370), (463, 7379), (505, 7466), (547, 7553),

Gene: NoShow_27 Start: 24413, Stop: 25492, Start Num: 94

Candidate Starts for NoShow_27:

(51, 24296), (Start: 94 @24413 has 3 MA's), (99, 24425), (Start: 102 @24428 has 45 MA's), (169, 24560), (193, 24599), (236, 24701), (240, 24707), (254, 24755), (269, 24797), (286, 24833), (292, 24851), (296, 24857), (332, 24944), (335, 24950), (350, 25004), (363, 25031), (373, 25046), (405, 25118), (412, 25136), (445, 25211), (468, 25316), (476, 25334), (482, 25349), (490, 25361), (512, 25409), (544, 25478),

Gene: NoSleep_36 Start: 31597, Stop: 32454, Start Num: 165

Candidate Starts for NoSleep_36:

(Start: 165 @31597 has 123 MA's), (185, 31636), (207, 31666), (217, 31687), (233, 31723), (244, 31753), (276, 31828), (296, 31876), (298, 31879), (301, 31903), (302, 31906), (307, 31921), (381,

32092), (435, 32206), (440, 32221), (442, 32227), (478, 32269), (479, 32272), (507, 32326), (539, 32404), (552, 32437),

Gene: Noella_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Noella_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Noelle_10 Start: 5947, Stop: 6927, Start Num: 86

Candidate Starts for Noelle_10:

(Start: 86 @5947 has 111 MA's), (Start: 87 @5950 has 14 MA's), (95, 5974), (Start: 104 @5995 has 1 MA's), (Start: 106 @5998 has 1 MA's), (234, 6247), (239, 6256), (257, 6304), (297, 6388), (305, 6424), (311, 6436), (333, 6463), (334, 6466), (342, 6493), (405, 6643), (507, 6766), (511, 6778), (515, 6787), (545, 6844), (565, 6919),

Gene: NoodleTree_248 Start: 140073, Stop: 141101, Start Num: 49

Candidate Starts for NoodleTree_248:

(Start: 49 @140073 has 167 MA's), (Start: 62 @140103 has 3 MA's), (68, 140115), (82, 140157), (116, 140220), (Start: 129 @140241 has 1 MA's), (Start: 174 @140325 has 1 MA's), (Start: 203 @140367 has 1 MA's), (207, 140379), (213, 140394), (244, 140463), (257, 140490), (278, 140544), (294, 140589), (295, 140592), (323, 140670), (333, 140691), (381, 140802), (434, 140892), (440, 140910), (493, 140982), (507, 141015),

Gene: Norbert_10 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Norbert_10:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Norm_252 Start: 145223, Stop: 146251, Start Num: 49

Candidate Starts for Norm_252:

(Start: 49 @145223 has 167 MA's), (Start: 62 @145253 has 3 MA's), (68, 145265), (82, 145307), (116, 145370), (Start: 129 @145391 has 1 MA's), (Start: 174 @145475 has 1 MA's), (Start: 203 @145517 has 1 MA's), (207, 145529), (213, 145544), (244, 145613), (257, 145640), (278, 145694), (294, 145739), (295, 145742), (323, 145820), (333, 145841), (381, 145952), (434, 146042), (440, 146060), (493, 146132), (507, 146165),

Gene: NormanBulbieJr_31 Start: 27686, Stop: 28687, Start Num: 55

Candidate Starts for NormanBulbieJr_31:

(Start: 55 @27686 has 239 MA's), (Start: 62 @27707 has 3 MA's), (68, 27719), (82, 27761), (116, 27824), (Start: 129 @27845 has 1 MA's), (145, 27875), (Start: 174 @27929 has 1 MA's), (188, 27953), (Start: 203 @27968 has 1 MA's), (207, 27980), (257, 28091), (301, 28205), (307, 28223), (328, 28262), (339, 28286), (346, 28322), (354, 28349), (381, 28388), (410, 28436), (440, 28496), (485, 28556), (511, 28613), (527, 28643),

Gene: NorthStar_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for NorthStar_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Norz_12 Start: 6730, Stop: 7698, Start Num: 66

Candidate Starts for Norz_12:

(Start: 66 @6730 has 202 MA's), (Start: 77 @6763 has 5 MA's), (Start: 86 @6781 has 111 MA's), (Start: 87 @6784 has 14 MA's), (240, 7051), (257, 7102), (263, 7114), (296, 7189), (317, 7252), (333, 7285), (342, 7315), (346, 7333), (353, 7357), (381, 7396), (431, 7477), (440, 7501), (441, 7504), (442, 7507), (463, 7516), (465, 7519), (505, 7603), (527, 7648), (547, 7690),

Gene: NotAPhaseMom_10 Start: 5885, Stop: 6865, Start Num: 86

Candidate Starts for NotAPhaseMom_10:

(Start: 86 @5885 has 111 MA's), (Start: 87 @5888 has 14 MA's), (95, 5912), (Start: 104 @5933 has 1 MA's), (Start: 106 @5936 has 1 MA's), (234, 6185), (257, 6242), (297, 6326), (300, 6347), (311, 6374), (334, 6404), (342, 6431), (405, 6581), (502, 6692), (507, 6704), (511, 6716), (545, 6782),

Gene: NothingSpecial_13 Start: 8456, Stop: 9436, Start Num: 67

Candidate Starts for NothingSpecial_13:

(Start: 67 @8456 has 52 MA's), (Start: 87 @8510 has 14 MA's), (185, 8678), (257, 8831), (264, 8846), (296, 8915), (300, 8939), (305, 8954), (339, 9023), (342, 9041), (410, 9185), (441, 9248), (472, 9284), (474, 9287), (498, 9329),

Gene: Nozo_47 Start: 42295, Stop: 43359, Start Num: 102

Candidate Starts for Nozo_47:

(Start: 102 @42295 has 45 MA's), (134, 42358), (179, 42439), (212, 42505), (222, 42520), (226, 42532), (237, 42559), (256, 42616), (260, 42625), (323, 42772), (332, 42787), (349, 42841), (366, 42874), (388, 42913), (396, 42925), (432, 43006), (442, 43024), (443, 43027), (448, 43072), (478, 43183), (529, 43294), (540, 43315), (553, 43348),

Gene: NuevoMundo_254 Start: 145709, Stop: 146737, Start Num: 49

Candidate Starts for NuevoMundo_254:

(Start: 49 @145709 has 167 MA's), (Start: 62 @145739 has 3 MA's), (82, 145793), (116, 145856), (Start: 129 @145877 has 1 MA's), (Start: 174 @145961 has 1 MA's), (Start: 203 @146003 has 1 MA's), (207, 146015), (213, 146030), (244, 146099), (257, 146126), (278, 146180), (294, 146225), (295, 146228), (323, 146306), (333, 146327), (381, 146438), (434, 146528), (440, 146546), (493, 146618), (507, 146651),

Gene: Nutello_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for Nutello_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: Nyxis_10 Start: 5824, Stop: 6807, Start Num: 84

Candidate Starts for Nyxis_10:

(Start: 84 @5824 has 68 MA's), (Start: 104 @5875 has 1 MA's), (Start: 106 @5878 has 1 MA's), (179, 6013), (195, 6037), (234, 6127), (257, 6184), (282, 6247), (297, 6268), (300, 6289), (311, 6316), (342, 6373), (405, 6523), (507, 6646), (511, 6658), (558, 6769),

Gene: OKCentral2016_10 Start: 5411, Stop: 6385, Start Num: 67

Candidate Starts for OKCentral2016_10:

(53, 5372), (Start: 67 @5411 has 52 MA's), (Start: 87 @5465 has 14 MA's), (176, 5618), (257, 5780), (264, 5795), (271, 5816), (296, 5864), (300, 5888), (302, 5894), (305, 5903), (339, 5972), (342, 5990), (354, 6035), (362, 6053), (410, 6131), (426, 6158), (434, 6173), (441, 6194), (501, 6284), (517, 6326), (550, 6377),

Gene: OKaNui_10 Start: 5646, Stop: 6626, Start Num: 86

Candidate Starts for OKaNui_10:

(Start: 86 @5646 has 111 MA's), (Start: 87 @5649 has 14 MA's), (95, 5673), (Start: 104 @5694 has 1 MA's), (Start: 106 @5697 has 1 MA's), (234, 5946), (257, 6003), (297, 6087), (300, 6108), (311, 6135), (334, 6165), (342, 6192), (405, 6342), (502, 6453), (507, 6465), (511, 6477), (545, 6543),

Gene: Obama12_10 Start: 5860, Stop: 6840, Start Num: 86

Candidate Starts for Obama12_10:

(Start: 86 @5860 has 111 MA's), (95, 5887), (Start: 104 @5908 has 1 MA's), (Start: 106 @5911 has 1 MA's), (234, 6160), (257, 6217), (263, 6229), (282, 6280), (297, 6301), (311, 6349), (342, 6406), (405, 6556), (507, 6679), (511, 6691), (545, 6757),

Gene: Obutu_47 Start: 41519, Stop: 42583, Start Num: 102

Candidate Starts for Obutu_47:

(Start: 102 @41519 has 45 MA's), (134, 41582), (179, 41663), (212, 41729), (222, 41744), (226, 41756), (237, 41783), (256, 41840), (260, 41849), (323, 41996), (332, 42011), (349, 42065), (366, 42098), (388, 42137), (396, 42149), (432, 42230), (442, 42248), (443, 42251), (478, 42407), (529, 42518), (540, 42539), (553, 42572),

Gene: Ochi17_29 Start: 27179, Stop: 28180, Start Num: 55

Candidate Starts for Ochi17_29:

(2, 26558), (6, 26636), (8, 26699), (12, 26738), (17, 26870), (22, 26891), (25, 26927), (35, 27080), (Start: 55 @27179 has 239 MA's), (Start: 62 @27200 has 3 MA's), (68, 27212), (82, 27254), (95, 27287), (116, 27317), (Start: 129 @27338 has 1 MA's), (Start: 174 @27422 has 1 MA's), (188, 27446), (Start: 203 @27461 has 1 MA's), (207, 27473), (257, 27584), (301, 27698), (307, 27716), (328, 27755), (339, 27779), (346, 27815), (354, 27842), (381, 27881), (440, 27989), (478, 28037), (485, 28049), (505, 28091), (507, 28094), (511, 28106), (527, 28136),

Gene: Odette_49 Start: 41912, Stop: 42757, Start Num: 122

Candidate Starts for Odette_49:

(Start: 108 @41885 has 40 MA's), (Start: 122 @41912 has 1 MA's), (153, 41972), (181, 42020), (218, 42086), (228, 42107), (240, 42128), (260, 42182), (292, 42263), (427, 42542), (429, 42545), (453, 42569), (471, 42605), (478, 42620), (483, 42632), (498, 42653),

Gene: OfUltron_31 Start: 27728, Stop: 28729, Start Num: 55

Candidate Starts for OfUltron_31:

(2, 27107), (6, 27185), (8, 27248), (12, 27287), (17, 27419), (22, 27440), (25, 27476), (35, 27629), (Start: 55 @27728 has 239 MA's), (Start: 62 @27749 has 3 MA's), (68, 27761), (82, 27803), (95, 27836), (116, 27866), (Start: 129 @27887 has 1 MA's), (Start: 174 @27971 has 1 MA's), (188, 27995), (Start: 203 @28010 has 1 MA's), (207, 28022), (257, 28133), (301, 28247), (307, 28265), (328, 28304), (339, 28328), (346, 28364), (354, 28391), (381, 28430), (440, 28538), (478, 28586), (485, 28598), (505, 28640), (507, 28643), (511, 28655), (527, 28685),

Gene: Ogopogo_31 Start: 26878, Stop: 27879, Start Num: 55

Candidate Starts for Ogopogo_31:

(Start: 55 @26878 has 239 MA's), (82, 26953), (95, 26986), (116, 27016), (Start: 129 @27037 has 1 MA's), (145, 27067), (Start: 174 @27121 has 1 MA's), (188, 27145), (Start: 203 @27160 has 1 MA's), (207, 27172), (257, 27283), (301, 27397), (307, 27415), (328, 27454), (339, 27478), (346, 27514), (354, 27541), (366, 27565), (381, 27580), (440, 27688), (478, 27736), (511, 27805), (527, 27835),

Gene: OhShagHennessy_26 Start: 25512, Stop: 26543, Start Num: 54

Candidate Starts for OhShagHennessy_26:

(Start: 54 @25512 has 29 MA's), (130, 25668), (141, 25692), (147, 25704), (155, 25722), (166, 25740), (176, 25758), (179, 25764), (183, 25773), (196, 25788), (204, 25803), (225, 25851), (235, 25875), (257, 25932), (272, 25971), (302, 26049), (305, 26058), (306, 26061), (314, 26076), (338, 26130), (342, 26151), (345, 26166), (387, 26250), (402, 26280), (441, 26349), (463, 26361), (474, 26385), (481, 26403), (485, 26406), (493, 26418), (495, 26421), (507, 26451), (511, 26463),

Gene: Ohfah_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Ohfah_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: Ohno789_9 Start: 5411, Stop: 6379, Start Num: 66

Candidate Starts for Ohno789_9:

(Start: 66 @5411 has 202 MA's), (Start: 77 @5444 has 5 MA's), (Start: 86 @5462 has 111 MA's), (Start: 87 @5465 has 14 MA's), (240, 5732), (257, 5783), (263, 5795), (296, 5870), (317, 5933), (324, 5945), (333, 5966), (342, 5996), (346, 6014), (381, 6077), (431, 6158), (440, 6182), (441, 6185), (442, 6188), (463, 6197), (505, 6284), (547, 6371),

Gene: OkiRoe_30 Start: 27047, Stop: 27919, Start Num: 189

Candidate Starts for OkiRoe_30:

(128, 26945), (159, 26999), (Start: 189 @27047 has 154 MA's), (Start: 203 @27059 has 1 MA's), (206, 27065), (219, 27092), (231, 27122), (234, 27128), (253, 27182), (257, 27191), (263, 27203), (274, 27236), (287, 27269), (302, 27317), (405, 27539), (413, 27557), (415, 27560), (443, 27620), (447, 27638), (451, 27665), (481, 27737), (496, 27752), (502, 27773), (503, 27776), (511, 27797), (552, 27890), (555, 27899), (557, 27908),

Gene: Oksu_32 Start: 27572, Stop: 28573, Start Num: 55

Candidate Starts for Oksu_32:

(2, 26951), (6, 27029), (8, 27092), (12, 27131), (17, 27263), (22, 27284), (25, 27320), (35, 27473), (Start: 55 @27572 has 239 MA's), (Start: 62 @27593 has 3 MA's), (68, 27605), (82, 27647), (95, 27680), (116, 27710), (Start: 129 @27731 has 1 MA's), (Start: 174 @27815 has 1 MA's), (188, 27839), (Start: 203 @27854 has 1 MA's), (207, 27866), (257, 27977), (301, 28091), (307, 28109), (328, 28148), (339, 28172), (346, 28208), (354, 28235), (381, 28274), (440, 28382), (478, 28430), (485, 28442), (505, 28484), (507, 28487), (511, 28499), (527, 28529),

Gene: OlanP_12 Start: 6213, Stop: 7178, Start Num: 59

Candidate Starts for OlanP_12:

(Start: 59 @6213 has 93 MA's), (Start: 87 @6279 has 14 MA's), (120, 6333), (Start: 165 @6411 has 123 MA's), (235, 6534), (257, 6591), (296, 6663), (305, 6702), (314, 6720), (342, 6789), (399, 6906), (410, 6933), (441, 6996), (501, 7086), (503, 7092),

Gene: OldBen_31 Start: 27554, Stop: 28555, Start Num: 55

Candidate Starts for OldBen_31:

(Start: 55 @27554 has 239 MA's), (82, 27629), (95, 27662), (116, 27692), (Start: 129 @27713 has 1 MA's), (Start: 174 @27797 has 1 MA's), (188, 27821), (Start: 203 @27836 has 1 MA's), (207, 27848), (257, 27959), (301, 28073), (307, 28091), (328, 28130), (339, 28154), (346, 28190), (354, 28217), (381, 28256), (440, 28364), (485, 28424), (511, 28481), (527, 28511),

Gene: Ollie_12 Start: 5833, Stop: 6798, Start Num: 59

Candidate Starts for Ollie_12:

(Start: 59 @5833 has 93 MA's), (78, 5878), (Start: 87 @5899 has 14 MA's), (158, 6019), (235, 6157), (257, 6214), (264, 6229), (300, 6310), (305, 6325), (314, 6343), (338, 6391), (340, 6397), (342, 6412),

(410, 6553), (441, 6616), (474, 6655), (501, 6706),

Gene: OlympiaSaint_31 Start: 27970, Stop: 28971, Start Num: 55

Candidate Starts for OlympiaSaint_31:

(Start: 55 @27970 has 239 MA's), (82, 28045), (95, 28078), (116, 28108), (Start: 129 @28129 has 1 MA's), (145, 28159), (149, 28171), (Start: 174 @28213 has 1 MA's), (188, 28237), (Start: 203 @28252 has 1 MA's), (207, 28264), (257, 28375), (301, 28489), (307, 28507), (328, 28546), (339, 28570), (346, 28606), (381, 28672), (440, 28780), (478, 28828), (485, 28840), (507, 28885), (511, 28897), (527, 28927),

Gene: Omega_53 Start: 43678, Stop: 44550, Start Num: 108

Candidate Starts for Omega_53:

(46, 43507), (Start: 108 @43678 has 40 MA's), (Start: 122 @43705 has 1 MA's), (153, 43765), (195, 43834), (214, 43873), (218, 43879), (240, 43921), (260, 43975), (292, 44056), (345, 44179), (358, 44206), (427, 44335), (429, 44338), (471, 44398), (478, 44413), (483, 44425), (498, 44446), (502, 44458), (526, 44518),

Gene: OmniCritical_32 Start: 27538, Stop: 28329, Start Num: 173

Candidate Starts for OmniCritical_32:

(Start: 173 @27538 has 20 MA's), (Start: 203 @27571 has 1 MA's), (219, 27604), (229, 27628), (239, 27649), (243, 27658), (251, 27688), (253, 27697), (257, 27706), (271, 27742), (304, 27823), (397, 28030), (405, 28057), (415, 28078), (424, 28093), (430, 28102), (479, 28126), (507, 28180), (511, 28192), (545, 28264),

Gene: Omnicron_31 Start: 25950, Stop: 26807, Start Num: 189

Candidate Starts for Omnicron_31:

(Start: 189 @25950 has 154 MA's), (Start: 203 @25962 has 1 MA's), (206, 25968), (215, 25989), (219, 25995), (231, 26025), (253, 26085), (257, 26094), (263, 26106), (274, 26139), (287, 26172), (302, 26220), (405, 26442), (415, 26463), (430, 26487), (440, 26514), (443, 26523), (444, 26526), (447, 26538), (454, 26565), (481, 26625), (484, 26628), (502, 26661), (511, 26685), (536, 26742), (555, 26787),

Gene: Onyinye_47 Start: 36542, Stop: 37423, Start Num: 114

Candidate Starts for Onyinye_47:

(Start: 114 @36542 has 3 MA's), (168, 36638), (172, 36644), (218, 36728), (224, 36740), (262, 36842), (292, 36920), (299, 36941), (348, 37064), (367, 37103), (396, 37148), (429, 37217), (467, 37268), (471, 37277), (475, 37286), (505, 37346), (521, 37382),

Gene: Oogway_9 Start: 6003, Stop: 6971, Start Num: 66

Candidate Starts for Oogway_9:

(Start: 66 @6003 has 202 MA's), (Start: 77 @6036 has 5 MA's), (Start: 86 @6054 has 111 MA's), (Start: 87 @6057 has 14 MA's), (240, 6324), (257, 6375), (263, 6387), (296, 6462), (317, 6525), (324, 6537), (333, 6558), (339, 6570), (342, 6588), (346, 6606), (353, 6630), (381, 6669), (431, 6750), (440, 6774), (441, 6777), (442, 6780), (463, 6789), (505, 6876), (547, 6963),

Gene: Optimus_54 Start: 43558, Stop: 44430, Start Num: 108

Candidate Starts for Optimus_54:

(Start: 108 @43558 has 40 MA's), (Start: 122 @43585 has 1 MA's), (153, 43645), (181, 43693), (218, 43759), (228, 43780), (240, 43801), (260, 43855), (292, 43936), (427, 44215), (429, 44218), (453, 44242), (471, 44278), (478, 44293), (483, 44305), (498, 44326),

Gene: OrangeOswald_47 Start: 41536, Stop: 42600, Start Num: 102

Candidate Starts for OrangeOswald_47:

(Start: 102 @41536 has 45 MA's), (134, 41599), (179, 41680), (212, 41746), (222, 41761), (226, 41773), (237, 41800), (256, 41857), (260, 41866), (323, 42013), (332, 42028), (349, 42082), (366, 42115), (388, 42154), (396, 42166), (432, 42247), (442, 42265), (443, 42268), (448, 42313), (478, 42424), (529, 42535), (540, 42556), (553, 42589),

Gene: OrionPax_36 Start: 31603, Stop: 32460, Start Num: 165

Candidate Starts for OrionPax_36:

(Start: 165 @31603 has 123 MA's), (185, 31642), (207, 31672), (217, 31693), (233, 31729), (244, 31759), (276, 31834), (296, 31882), (298, 31885), (301, 31909), (302, 31912), (307, 31927), (381, 32098), (435, 32212), (440, 32227), (442, 32233), (478, 32275), (479, 32278), (507, 32332), (539, 32410), (552, 32443),

Gene: Oscar_30 Start: 25695, Stop: 26435, Start Num: 189

Candidate Starts for Oscar_30:

(128, 25593), (Start: 138 @25614 has 3 MA's), (159, 25647), (169, 25668), (Start: 189 @25695 has 154 MA's), (219, 25740), (234, 25776), (257, 25833), (271, 25869), (287, 25911), (302, 25959), (334, 26019), (397, 26154), (405, 26181), (420, 26208), (430, 26226), (479, 26250), (502, 26292), (510, 26313), (511, 26316), (555, 26415),

Gene: Ovechkin_32 Start: 28427, Stop: 29497, Start Num: 113

Candidate Starts for Ovechkin_32:

(91, 28376), (Start: 113 @28427 has 21 MA's), (Start: 129 @28454 has 1 MA's), (143, 28481), (146, 28490), (179, 28550), (195, 28577), (226, 28643), (245, 28697), (260, 28739), (278, 28790), (323, 28904), (337, 28937), (358, 29012), (369, 29033), (432, 29162), (448, 29234), (472, 29330), (478, 29342), (511, 29411), (537, 29468), (542, 29477),

Gene: OwlsT2W_32 Start: 27949, Stop: 28950, Start Num: 55

Candidate Starts for OwlsT2W_32:

(Start: 55 @27949 has 239 MA's), (82, 28024), (95, 28057), (116, 28087), (Start: 129 @28108 has 1 MA's), (Start: 174 @28192 has 1 MA's), (207, 28243), (213, 28258), (257, 28354), (300, 28465), (307, 28486), (328, 28525), (333, 28537), (346, 28585), (354, 28612), (366, 28636), (381, 28651), (440, 28759), (478, 28807), (511, 28876), (527, 28906),

Gene: P28Green_12 Start: 5961, Stop: 6926, Start Num: 59

Candidate Starts for P28Green_12:

(Start: 59 @5961 has 93 MA's), (78, 6006), (Start: 87 @6027 has 14 MA's), (158, 6147), (257, 6342), (264, 6357), (300, 6438), (305, 6453), (314, 6471), (339, 6522), (342, 6540), (354, 6585), (410, 6681), (441, 6744), (474, 6783), (501, 6834),

Gene: P3MA_30 Start: 24007, Stop: 24912, Start Num: 137

Candidate Starts for P3MA_30:

(Start: 81 @23887 has 1 MA's), (Start: 137 @24007 has 50 MA's), (209, 24133), (215, 24148), (238, 24202), (246, 24226), (268, 24289), (319, 24403), (343, 24457), (348, 24484), (362, 24511), (371, 24526), (374, 24529), (379, 24538), (393, 24562), (395, 24565), (409, 24607), (427, 24631), (433, 24643), (436, 24649), (458, 24724), (513, 24844), (519, 24859), (523, 24865),

Gene: PGHhamlin_14 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for PGHhamlin_14:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: PHappiness_31 Start: 27497, Stop: 28498, Start Num: 55

Candidate Starts for PHappiness_31:

(35, 27398), (Start: 55 @27497 has 239 MA's), (Start: 62 @27518 has 3 MA's), (68, 27530), (82, 27572), (116, 27635), (Start: 129 @27656 has 1 MA's), (Start: 174 @27740 has 1 MA's), (188, 27764), (Start: 203 @27779 has 1 MA's), (207, 27791), (257, 27902), (301, 28016), (307, 28034), (328, 28073), (339, 28097), (346, 28133), (354, 28160), (381, 28199), (410, 28247), (440, 28307), (478, 28355), (485, 28367), (507, 28412), (511, 28424),

Gene: PMC_31 Start: 27499, Stop: 28500, Start Num: 55

Candidate Starts for PMC_31:

(25, 27247), (35, 27400), (Start: 55 @27499 has 239 MA's), (Start: 62 @27520 has 3 MA's), (68, 27532), (82, 27574), (116, 27637), (Start: 129 @27658 has 1 MA's), (145, 27688), (Start: 174 @27742 has 1 MA's), (188, 27766), (207, 27793), (257, 27904), (301, 28018), (307, 28036), (328, 28075), (339, 28099), (346, 28135), (354, 28162), (381, 28201), (410, 28249), (440, 28309), (485, 28369), (511, 28426), (527, 28456),

Gene: PP_20 Start: 11682, Stop: 12425, Start Num: 199

Candidate Starts for PP_20:

(Start: 199 @11682 has 2 MA's), (213, 11718), (235, 11766), (257, 11823), (264, 11838), (301, 11922), (302, 11925), (314, 11952), (342, 12021), (362, 12084), (399, 12135), (410, 12162), (426, 12189), (434, 12204), (440, 12222), (441, 12225), (444, 12234), (462, 12243), (479, 12279), (501, 12318),

Gene: PSullivan_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for PSullivan_12:

(Start: 66 @6491 has 202 MA's), (Start: 77 @6524 has 5 MA's), (Start: 86 @6542 has 111 MA's), (Start: 87 @6545 has 14 MA's), (240, 6812), (257, 6863), (263, 6875), (296, 6950), (317, 7013), (324, 7025), (333, 7046), (342, 7076), (346, 7094), (353, 7118), (381, 7157), (431, 7238), (440, 7262), (441, 7265), (442, 7268), (463, 7277), (505, 7364), (527, 7409), (547, 7451),

Gene: PYPDinur_26 Start: 25346, Stop: 26368, Start Num: 54

Candidate Starts for PYPDinur_26:

(Start: 54 @25346 has 29 MA's), (96, 25457), (121, 25490), (125, 25496), (130, 25502), (182, 25604), (183, 25607), (207, 25646), (217, 25667), (235, 25709), (257, 25766), (301, 25880), (342, 25985), (379, 26066), (380, 26069), (385, 26081), (402, 26114), (441, 26177), (463, 26189), (498, 26255), (501, 26264), (511, 26291),

Gene: Pacc40_31 Start: 27689, Stop: 28690, Start Num: 55

Candidate Starts for Pacc40_31:

(Start: 55 @27689 has 239 MA's), (Start: 62 @27710 has 3 MA's), (68, 27722), (82, 27764), (116, 27827), (Start: 129 @27848 has 1 MA's), (145, 27878), (Start: 174 @27932 has 1 MA's), (188, 27956), (207, 27983), (257, 28094), (301, 28208), (307, 28226), (328, 28265), (339, 28289), (346, 28325), (354, 28352), (381, 28391), (440, 28499), (478, 28547), (485, 28559), (505, 28601), (507, 28604), (511, 28616), (527, 28646),

Gene: PacerPaul_10 Start: 6259, Stop: 7227, Start Num: 66

Candidate Starts for PacerPaul_10:

(Start: 66 @6259 has 202 MA's), (Start: 77 @6292 has 5 MA's), (Start: 86 @6310 has 111 MA's), (Start: 87 @6313 has 14 MA's), (240, 6580), (257, 6631), (263, 6643), (296, 6718), (317, 6781), (333, 6814), (339, 6826), (342, 6844), (346, 6862), (381, 6925), (431, 7006), (440, 7030), (441, 7033), (442, 7036), (463, 7045), (505, 7132), (527, 7177), (547, 7219),

Gene: Padfoot_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Padfoot_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Padpat_31 Start: 26454, Stop: 27326, Start Num: 189

Candidate Starts for Padpat_31:

(169, 26427), (Start: 189 @26454 has 154 MA's), (Start: 203 @26466 has 1 MA's), (234, 26535), (244, 26562), (253, 26592), (257, 26601), (271, 26637), (274, 26646), (287, 26679), (294, 26697), (302, 26727), (333, 26784), (334, 26787), (397, 26922), (405, 26949), (415, 26970), (430, 26994), (447, 27045), (481, 27147), (502, 27183), (530, 27255), (555, 27306), (557, 27315),

Gene: Palestino_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Palestino_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Palpatine_35 Start: 31872, Stop: 32729, Start Num: 165

Candidate Starts for Palpatine_35:

(Start: 165 @31872 has 123 MA's), (185, 31911), (207, 31941), (217, 31962), (233, 31998), (244, 32028), (276, 32103), (296, 32151), (298, 32154), (301, 32178), (302, 32181), (307, 32196), (381, 32367), (428, 32466), (435, 32481), (440, 32496), (442, 32502), (478, 32544), (479, 32547), (507, 32601), (539, 32679), (552, 32712),

Gene: Panamaxus_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Panamaxus_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Paola_30 Start: 27046, Stop: 27918, Start Num: 189

Candidate Starts for Paola_30:

(Start: 189 @27046 has 154 MA's), (Start: 203 @27058 has 1 MA's), (206, 27064), (219, 27091), (231, 27121), (234, 27127), (253, 27181), (257, 27190), (263, 27202), (274, 27235), (287, 27268), (302, 27316), (339, 27385), (405, 27538), (413, 27556), (415, 27559), (443, 27619), (447, 27637), (451, 27664), (481, 27736), (502, 27772), (503, 27775), (511, 27796), (536, 27853), (552, 27889), (555, 27898), (557, 27907),

Gene: Paperbeatsrock_37 Start: 32838, Stop: 33695, Start Num: 165

Candidate Starts for Paperbeatsrock_37:

(Start: 165 @32838 has 123 MA's), (185, 32877), (207, 32907), (217, 32928), (233, 32964), (244, 32994), (276, 33069), (296, 33117), (298, 33120), (301, 33144), (302, 33147), (307, 33162), (381, 33333), (435, 33447), (440, 33462), (442, 33468), (478, 33510), (479, 33513), (507, 33567), (539, 33645), (552, 33678),

Gene: Papez_12 Start: 7454, Stop: 8422, Start Num: 66

Candidate Starts for Papez_12:

(Start: 66 @7454 has 202 MA's), (Start: 77 @7487 has 5 MA's), (Start: 86 @7505 has 111 MA's), (Start: 87 @7508 has 14 MA's), (240, 7775), (257, 7826), (263, 7838), (296, 7913), (317, 7976), (324, 7988), (333, 8009), (339, 8021), (342, 8039), (346, 8057), (381, 8120), (431, 8201), (440, 8225), (441, 8228), (442, 8231), (463, 8240), (505, 8327), (527, 8372), (547, 8414),

Gene: Paphu_9 Start: 5448, Stop: 6416, Start Num: 66

Candidate Starts for Paphu_9:

(Start: 66 @5448 has 202 MA's), (Start: 77 @5481 has 5 MA's), (Start: 86 @5499 has 111 MA's), (Start: 87 @5502 has 14 MA's), (240, 5769), (257, 5820), (263, 5832), (296, 5907), (317, 5970), (324, 5982), (333, 6003), (339, 6015), (342, 6033), (346, 6051), (353, 6075), (381, 6114), (431, 6195), (440, 6219), (441, 6222), (442, 6225), (463, 6234), (505, 6321), (527, 6366), (547, 6408),

Gene: Papyrus_39 Start: 35008, Stop: 36057, Start Num: 108

Candidate Starts for Papyrus_39:

(Start: 108 @35008 has 40 MA's), (151, 35092), (156, 35101), (169, 35125), (188, 35155), (201, 35176), (216, 35212), (226, 35233), (229, 35242), (236, 35260), (260, 35329), (327, 35482), (359, 35581), (373, 35608), (407, 35680), (440, 35734), (474, 35887), (486, 35911), (492, 35920), (510, 35962), (511, 35965), (514, 35971), (519, 35980), (535, 36016), (540, 36025), (546, 36034),

Gene: Paraselene_9 Start: 5760, Stop: 6728, Start Num: 66

Candidate Starts for Paraselene_9:

(Start: 66 @5760 has 202 MA's), (Start: 77 @5793 has 5 MA's), (Start: 86 @5811 has 111 MA's), (Start: 87 @5814 has 14 MA's), (240, 6081), (257, 6132), (263, 6144), (296, 6219), (317, 6282), (324, 6294), (333, 6315), (342, 6345), (346, 6363), (353, 6387), (381, 6426), (431, 6507), (440, 6531), (441, 6534), (442, 6537), (463, 6546), (505, 6633), (527, 6678), (547, 6720),

Gene: Pari_11 Start: 6227, Stop: 7195, Start Num: 66

Candidate Starts for Pari_11:

(Start: 66 @6227 has 202 MA's), (Start: 77 @6260 has 5 MA's), (Start: 86 @6278 has 111 MA's), (Start: 87 @6281 has 14 MA's), (240, 6548), (257, 6599), (263, 6611), (296, 6686), (317, 6749), (324, 6761), (333, 6782), (339, 6794), (342, 6812), (346, 6830), (353, 6854), (381, 6893), (431, 6974), (440, 6998), (441, 7001), (442, 7004), (463, 7013), (505, 7100), (547, 7187),

Gene: ParkTD_251 Start: 144793, Stop: 145821, Start Num: 49

Candidate Starts for ParkTD_251:

(Start: 49 @144793 has 167 MA's), (Start: 62 @144823 has 3 MA's), (68, 144835), (82, 144877), (116, 144940), (Start: 129 @144961 has 1 MA's), (Start: 174 @145045 has 1 MA's), (Start: 203 @145087 has 1 MA's), (207, 145099), (213, 145114), (244, 145183), (257, 145210), (278, 145264), (294, 145309), (295, 145312), (323, 145390), (333, 145411), (381, 145522), (434, 145612), (440, 145630), (493, 145702), (507, 145735),

Gene: Parliament_9 Start: 5830, Stop: 6798, Start Num: 66

Candidate Starts for Parliament_9:

(Start: 66 @5830 has 202 MA's), (Start: 77 @5863 has 5 MA's), (Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (240, 6151), (257, 6202), (263, 6214), (296, 6289), (317, 6352), (324, 6364), (333, 6385), (339, 6397), (342, 6415), (346, 6433), (353, 6457), (381, 6496), (431, 6577), (440, 6601), (441, 6604), (442, 6607), (463, 6616), (505, 6703), (547, 6790),

Gene: PascalRango_9 Start: 5626, Stop: 6594, Start Num: 66

Candidate Starts for PascalRango_9:

(Start: 66 @5626 has 202 MA's), (Start: 77 @5659 has 5 MA's), (Start: 86 @5677 has 111 MA's), (Start: 87 @5680 has 14 MA's), (240, 5947), (257, 5998), (263, 6010), (296, 6085), (317, 6148), (333, 6181), (339, 6193), (342, 6211), (346, 6229), (353, 6253), (381, 6292), (431, 6373), (440, 6397), (441, 6400), (442, 6403), (463, 6412), (505, 6499), (547, 6586),

Gene: Pat3_34 Start: 30584, Stop: 31441, Start Num: 165

Candidate Starts for Pat3_34:

(Start: 165 @30584 has 123 MA's), (185, 30623), (207, 30653), (217, 30674), (233, 30710), (244, 30740), (276, 30815), (296, 30863), (298, 30866), (301, 30890), (302, 30893), (307, 30908), (381, 31079), (435, 31193), (440, 31208), (442, 31214), (478, 31256), (479, 31259), (507, 31313), (539, 31391), (552, 31424),

Gene: Patience_42 Start: 35792, Stop: 36817, Start Num: 107

Candidate Starts for Patience_42:

(Start: 107 @35792 has 3 MA's), (188, 35927), (226, 36002), (256, 36086), (260, 36095), (267, 36119), (270, 36128), (311, 36221), (349, 36320), (366, 36353), (375, 36368), (384, 36389), (393, 36398), (432, 36485), (442, 36503), (446, 36533), (448, 36551), (455, 36587), (478, 36662), (483, 36674), (486, 36677), (505, 36716), (529, 36773),

Gene: Patt_32 Start: 27372, Stop: 28163, Start Num: 173

Candidate Starts for Patt_32:

(117, 27267), (128, 27285), (142, 27312), (150, 27333), (Start: 173 @27372 has 20 MA's), (Start: 203 @27405 has 1 MA's), (219, 27438), (243, 27492), (253, 27531), (257, 27540), (271, 27576), (274, 27585), (347, 27768), (397, 27864), (405, 27891), (415, 27912), (424, 27927), (430, 27936), (479, 27960), (507, 28014), (511, 28026), (545, 28098), (552, 28119),

Gene: Patter_254 Start: 144453, Stop: 145481, Start Num: 49

Candidate Starts for Patter_254:

(Start: 49 @144453 has 167 MA's), (Start: 62 @144483 has 3 MA's), (68, 144495), (82, 144537), (116, 144600), (Start: 129 @144621 has 1 MA's), (Start: 174 @144705 has 1 MA's), (Start: 203 @144747 has 1 MA's), (207, 144759), (213, 144774), (244, 144843), (257, 144870), (278, 144924), (294, 144969), (295, 144972), (323, 145050), (333, 145071), (381, 145182), (434, 145272), (440, 145290), (493, 145362), (507, 145395),

Gene: PattyP_11 Start: 5782, Stop: 6750, Start Num: 66

Candidate Starts for PattyP_11:

(Start: 66 @5782 has 202 MA's), (Start: 77 @5815 has 5 MA's), (Start: 86 @5833 has 111 MA's), (Start: 87 @5836 has 14 MA's), (240, 6103), (257, 6154), (263, 6166), (296, 6241), (317, 6304), (324, 6316), (333, 6337), (339, 6349), (342, 6367), (346, 6385), (353, 6409), (381, 6448), (431, 6529), (440, 6553), (441, 6556), (442, 6559), (463, 6568), (505, 6655), (547, 6742),

Gene: Pawn_13 Start: 6033, Stop: 6998, Start Num: 59

Candidate Starts for Pawn_13:

(Start: 59 @6033 has 93 MA's), (Start: 87 @6099 has 14 MA's), (120, 6153), (Start: 165 @6231 has 123 MA's), (235, 6354), (257, 6411), (296, 6483), (305, 6522), (314, 6540), (342, 6609), (399, 6726), (410, 6753), (441, 6816), (501, 6906), (503, 6912),

Gene: Payneful_10 Start: 5573, Stop: 6541, Start Num: 66

Candidate Starts for Payneful_10:

(Start: 66 @5573 has 202 MA's), (Start: 77 @5606 has 5 MA's), (Start: 86 @5624 has 111 MA's), (Start: 87 @5627 has 14 MA's), (240, 5894), (257, 5945), (263, 5957), (296, 6032), (317, 6095), (333, 6128), (339, 6140), (342, 6158), (346, 6176), (381, 6239), (431, 6320), (440, 6344), (441, 6347), (442, 6350), (463, 6359), (505, 6446), (527, 6491), (547, 6533),

Gene: PeaceMeal1_9 Start: 3782, Stop: 4756, Start Num: 67

Candidate Starts for PeaceMeal1_9:

(38, 3743), (Start: 67 @3782 has 52 MA's), (78, 3815), (Start: 87 @3836 has 14 MA's), (185, 4004), (207, 4046), (213, 4061), (257, 4166), (296, 4238), (301, 4265), (302, 4268), (305, 4277), (342, 4364), (410, 4511), (441, 4574), (474, 4613), (498, 4655),

Gene: Peaches_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Peaches_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Peanam_31 Start: 25850, Stop: 26611, Start Num: 189

Candidate Starts for Peanam_31:

(169, 25820), (Start: 189 @25850 has 154 MA's), (219, 25895), (234, 25931), (255, 25991), (257, 25997), (268, 26027), (271, 26033), (274, 26042), (287, 26075), (300, 26117), (323, 26168), (334, 26183), (397, 26318), (405, 26345), (415, 26366), (420, 26372), (430, 26390), (479, 26423), (481, 26429), (507, 26477), (538, 26549), (555, 26591), (557, 26600),

Gene: Peel_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Peel_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: PegLeg_38 Start: 31793, Stop: 32764, Start Num: 85

Candidate Starts for PegLeg_38:

(Start: 85 @31793 has 13 MA's), (Start: 94 @31817 has 3 MA's), (100, 31832), (169, 31970), (186, 31997), (Start: 197 @32015 has 16 MA's), (204, 32027), (207, 32036), (229, 32081), (233, 32093), (248, 32120), (257, 32147), (263, 32159), (280, 32204), (292, 32231), (301, 32261), (304, 32270), (305, 32273), (345, 32360), (352, 32375), (419, 32528), (421, 32531), (472, 32591), (478, 32603), (481, 32612), (502, 32648), (508, 32663), (538, 32702), (552, 32735),

Gene: Pelly_11 Start: 6459, Stop: 7427, Start Num: 66

Candidate Starts for Pelly_11:

(Start: 66 @6459 has 202 MA's), (Start: 77 @6492 has 5 MA's), (Start: 86 @6510 has 111 MA's), (Start: 87 @6513 has 14 MA's), (240, 6780), (257, 6831), (263, 6843), (296, 6918), (317, 6981), (333, 7014), (339, 7026), (342, 7044), (346, 7062), (353, 7086), (381, 7125), (431, 7206), (440, 7230), (441, 7233), (442, 7236), (463, 7245), (505, 7332), (547, 7419),

Gene: Pembroke_12 Start: 5963, Stop: 6928, Start Num: 59

Candidate Starts for Pembroke_12:

(Start: 59 @5963 has 93 MA's), (78, 6008), (Start: 87 @6029 has 14 MA's), (158, 6149), (235, 6287), (257, 6344), (264, 6359), (300, 6440), (305, 6455), (314, 6473), (339, 6524), (342, 6542), (354, 6587), (410, 6683), (441, 6746), (474, 6785), (501, 6836),

Gene: Penny1_12 Start: 5962, Stop: 6927, Start Num: 59

Candidate Starts for Penny1_12:

(Start: 59 @5962 has 93 MA's), (78, 6007), (Start: 87 @6028 has 14 MA's), (158, 6148), (235, 6286), (257, 6343), (264, 6358), (300, 6439), (305, 6454), (314, 6472), (339, 6523), (342, 6541), (354, 6586), (410, 6682), (441, 6745), (474, 6784), (501, 6835),

Gene: Pepe_11 Start: 6482, Stop: 7450, Start Num: 66

Candidate Starts for Pepe_11:

(Start: 66 @6482 has 202 MA's), (Start: 77 @6515 has 5 MA's), (Start: 86 @6533 has 111 MA's), (Start: 87 @6536 has 14 MA's), (240, 6803), (257, 6854), (263, 6866), (296, 6941), (317, 7004), (333, 7037), (339, 7049), (342, 7067), (346, 7085), (353, 7109), (381, 7148), (431, 7229), (440, 7253), (441, 7256), (442, 7259), (463, 7268), (465, 7271), (505, 7355), (527, 7400), (547, 7442),

Gene: Perplexer_10 Start: 5881, Stop: 6864, Start Num: 84

Candidate Starts for Perplexer_10:

(Start: 84 @5881 has 68 MA's), (95, 5911), (Start: 104 @5932 has 1 MA's), (Start: 106 @5935 has 1 MA's), (234, 6184), (257, 6241), (263, 6253), (273, 6283), (282, 6304), (297, 6325), (311, 6373), (342, 6430), (405, 6580), (507, 6703), (511, 6715), (515, 6724), (545, 6781), (565, 6856),

Gene: Perseus_11 Start: 6143, Stop: 7111, Start Num: 66

Candidate Starts for Perseus_11:

(Start: 66 @6143 has 202 MA's), (Start: 77 @6176 has 5 MA's), (Start: 86 @6194 has 111 MA's), (Start: 87 @6197 has 14 MA's), (240, 6464), (257, 6515), (263, 6527), (296, 6602), (317, 6665), (333, 6698), (339, 6710), (342, 6728), (346, 6746), (353, 6770), (381, 6809), (431, 6890), (440, 6914), (441, 6917), (442, 6920), (463, 6929), (505, 7016), (527, 7061), (547, 7103),

Gene: PeterPeter_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for PeterPeter_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Peterson_13 Start: 7442, Stop: 8410, Start Num: 66

Candidate Starts for Peterson_13:

(Start: 66 @7442 has 202 MA's), (Start: 77 @7475 has 5 MA's), (Start: 86 @7493 has 111 MA's), (Start: 87 @7496 has 14 MA's), (240, 7763), (257, 7814), (263, 7826), (296, 7901), (333, 7997), (339, 8009), (342, 8027), (346, 8045), (353, 8069), (381, 8108), (431, 8189), (440, 8213), (441, 8216), (442, 8219), (463, 8228), (505, 8315), (527, 8360), (547, 8402),

Gene: PetiteSangsue_10 Start: 5887, Stop: 6870, Start Num: 84

Candidate Starts for PetiteSangsue_10:

(Start: 84 @5887 has 68 MA's), (95, 5917), (Start: 104 @5938 has 1 MA's), (Start: 106 @5941 has 1 MA's), (234, 6190), (257, 6247), (263, 6259), (273, 6289), (282, 6310), (297, 6331), (311, 6379), (342, 6436), (405, 6586), (507, 6709), (511, 6721), (515, 6730), (545, 6787), (565, 6862),

Gene: Petp2012_12 Start: 5935, Stop: 6903, Start Num: 66

Candidate Starts for Petp2012_12:

(Start: 66 @5935 has 202 MA's), (Start: 77 @5968 has 5 MA's), (Start: 86 @5986 has 111 MA's), (Start: 87 @5989 has 14 MA's), (240, 6256), (257, 6307), (263, 6319), (296, 6394), (317, 6457), (333, 6490), (339, 6502), (342, 6520), (346, 6538), (353, 6562), (381, 6601), (431, 6682), (440, 6706), (441, 6709), (442, 6712), (463, 6721), (505, 6808), (527, 6853), (547, 6895),

Gene: Petra64142_37 Start: 32318, Stop: 33175, Start Num: 165

Candidate Starts for Petra64142_37:

(Start: 165 @32318 has 123 MA's), (185, 32357), (207, 32387), (217, 32408), (233, 32444), (244, 32474), (276, 32549), (296, 32597), (298, 32600), (301, 32624), (302, 32627), (307, 32642), (381, 32813), (428, 32912), (435, 32927), (440, 32942), (442, 32948), (478, 32990), (479, 32993), (507, 33047), (539, 33125), (552, 33158),

Gene: Petruccio_10 Start: 5701, Stop: 6669, Start Num: 66

Candidate Starts for Petruccio_10:

(Start: 66 @5701 has 202 MA's), (Start: 77 @5734 has 5 MA's), (Start: 86 @5752 has 111 MA's), (Start: 87 @5755 has 14 MA's), (240, 6022), (257, 6073), (263, 6085), (296, 6160), (317, 6223), (324, 6235), (333, 6256), (339, 6268), (342, 6286), (346, 6304), (353, 6328), (381, 6367), (431, 6448), (440, 6472), (441, 6475), (442, 6478), (463, 6487), (505, 6574), (527, 6619), (547, 6661),

Gene: PetterN_9 Start: 5151, Stop: 5960, Start Num: 137

Candidate Starts for PetterN_9:

(105, 5088), (123, 5127), (Start: 137 @5151 has 50 MA's), (169, 5214), (209, 5280), (215, 5295), (230, 5328), (343, 5598), (356, 5640), (379, 5679), (391, 5697), (403, 5727), (524, 5925),

Gene: Phacado_10 Start: 5880, Stop: 6860, Start Num: 86

Candidate Starts for Phacado_10:

(Start: 86 @5880 has 111 MA's), (Start: 87 @5883 has 14 MA's), (95, 5907), (Start: 104 @5928 has 1 MA's), (Start: 106 @5931 has 1 MA's), (234, 6180), (257, 6237), (297, 6321), (300, 6342), (311, 6369), (334, 6399), (342, 6426), (405, 6576), (502, 6687), (507, 6699), (511, 6711), (545, 6777),

Gene: Phaded_14 Start: 8540, Stop: 9526, Start Num: 84

Candidate Starts for Phaded_14:

(Start: 84 @8540 has 68 MA's), (95, 8570), (Start: 106 @8594 has 1 MA's), (179, 8729), (257, 8900), (289, 8975), (297, 8984), (342, 9095), (362, 9155), (381, 9191), (405, 9245), (416, 9269), (422, 9275), (481, 9320), (511, 9380), (515, 9389),

Gene: Phaedrus_45 Start: 41456, Stop: 42520, Start Num: 102

Candidate Starts for Phaedrus_45:

(Start: 102 @41456 has 45 MA's), (134, 41519), (179, 41600), (212, 41666), (222, 41681), (226, 41693), (237, 41720), (256, 41777), (260, 41786), (323, 41933), (332, 41948), (349, 42002), (366, 42035), (388, 42074), (396, 42086), (432, 42167), (442, 42185), (443, 42188), (448, 42233), (478, 42344), (529, 42455), (540, 42476), (553, 42509),

Gene: Phaja_35 Start: 32034, Stop: 32891, Start Num: 165

Candidate Starts for Phaja_35:

(Start: 165 @32034 has 123 MA's), (185, 32073), (207, 32103), (217, 32124), (233, 32160), (244, 32190), (276, 32265), (296, 32313), (298, 32316), (301, 32340), (302, 32343), (307, 32358), (381, 32529), (435, 32643), (440, 32658), (442, 32664), (478, 32706), (479, 32709), (507, 32763), (539, 32841), (552, 32874),

Gene: Phalconet_31 Start: 27631, Stop: 28632, Start Num: 55

Candidate Starts for Phalconet_31:

(Start: 55 @27631 has 239 MA's), (Start: 62 @27652 has 3 MA's), (68, 27664), (82, 27706), (116, 27769), (Start: 129 @27790 has 1 MA's), (145, 27820), (Start: 174 @27874 has 1 MA's), (188, 27898), (207, 27925), (257, 28036), (301, 28150), (307, 28168), (328, 28207), (339, 28231), (346, 28267), (354, 28294), (381, 28333), (410, 28381), (440, 28441), (485, 28501), (511, 28558), (527, 28588),

Gene: Phanphagia_28 Start: 26657, Stop: 27655, Start Num: 55

Candidate Starts for Phanphagia_28:

(Start: 55 @26657 has 239 MA's), (82, 26732), (116, 26792), (Start: 129 @26813 has 1 MA's), (Start: 174 @26897 has 1 MA's), (207, 26948), (213, 26963), (257, 27059), (296, 27146), (300, 27170), (307, 27191), (328, 27230), (333, 27242), (346, 27290), (354, 27317), (366, 27341), (381, 27356), (440, 27464), (478, 27512), (511, 27581), (527, 27611),

Gene: Phantastic_10 Start: 5701, Stop: 6441, Start Num: 184

Candidate Starts for Phantastic_10:

(98, 5608), (Start: 184 @5701 has 1 MA's), (204, 5716), (235, 5788), (257, 5845), (263, 5857), (264, 5860), (272, 5884), (285, 5899), (300, 5947), (314, 5980), (342, 6049), (368, 6121), (410, 6190), (426, 6217), (441, 6253), (474, 6292), (549, 6433),

Gene: Pharb_30 Start: 26706, Stop: 27494, Start Num: 189

Candidate Starts for Pharb_30:

(159, 26661), (Start: 189 @26706 has 154 MA's), (219, 26751), (234, 26787), (253, 26844), (257, 26853), (271, 26889), (294, 26943), (300, 26967), (362, 27108), (397, 27171), (405, 27213), (415, 27234), (420, 27240), (430, 27258), (478, 27288), (511, 27357), (545, 27429), (555, 27459),

Gene: Pharsalus_36 Start: 32638, Stop: 33495, Start Num: 165

Candidate Starts for Pharsalus_36:

(Start: 165 @32638 has 123 MA's), (185, 32677), (207, 32707), (217, 32728), (233, 32764), (244, 32794), (276, 32869), (296, 32917), (298, 32920), (301, 32944), (302, 32947), (307, 32962), (381, 33133), (435, 33247), (440, 33262), (442, 33268), (478, 33310), (479, 33313), (507, 33367), (539, 33445), (552, 33478),

Gene: Phasih_32 Start: 28074, Stop: 29075, Start Num: 55

Candidate Starts for Phasih_32:

(3, 27453), (7, 27531), (9, 27594), (13, 27633), (22, 27786), (25, 27822), (Start: 55 @28074 has 239 MA's), (Start: 62 @28095 has 3 MA's), (68, 28107), (82, 28149), (116, 28212), (Start: 129 @28233 has 1 MA's), (145, 28263), (Start: 174 @28317 has 1 MA's), (188, 28341), (207, 28368), (257, 28479), (301, 28593), (307, 28611), (328, 28650), (339, 28674), (346, 28710), (354, 28737), (381, 28776), (410, 28824), (440, 28884), (485, 28944), (511, 29001), (527, 29031),

Gene: PhatBacter_35 Start: 31886, Stop: 32743, Start Num: 165

Candidate Starts for PhatBacter_35:

(Start: 165 @31886 has 123 MA's), (185, 31925), (207, 31955), (217, 31976), (233, 32012), (244, 32042), (276, 32117), (296, 32165), (298, 32168), (301, 32192), (302, 32195), (307, 32210), (381, 32381), (428, 32480), (435, 32495), (440, 32510), (442, 32516), (478, 32558), (479, 32561), (507, 32615), (539, 32693), (552, 32726),

Gene: Phatniss_32 Start: 28016, Stop: 29017, Start Num: 55

Candidate Starts for Phatniss_32:

(25, 27764), (35, 27917), (Start: 55 @28016 has 239 MA's), (Start: 62 @28037 has 3 MA's), (68, 28049), (82, 28091), (116, 28154), (Start: 129 @28175 has 1 MA's), (145, 28205), (Start: 174 @28259 has 1 MA's), (188, 28283), (207, 28310), (257, 28421), (301, 28535), (307, 28553), (328, 28592), (339, 28616), (346, 28652), (354, 28679), (381, 28718), (410, 28766), (440, 28826), (485, 28886), (511, 28943), (527, 28973),

Gene: Phaux_34 Start: 31884, Stop: 32741, Start Num: 165

Candidate Starts for Phaux_34:

(Start: 165 @31884 has 123 MA's), (185, 31923), (207, 31953), (217, 31974), (233, 32010), (244, 32040), (276, 32115), (296, 32163), (298, 32166), (301, 32190), (302, 32193), (307, 32208), (381, 32379), (428, 32478), (435, 32493), (440, 32508), (442, 32514), (478, 32556), (479, 32559), (507, 32613), (539, 32691), (552, 32724),

Gene: Phayeta_48 Start: 41401, Stop: 42465, Start Num: 102

Candidate Starts for Phayeta_48:

(Start: 102 @41401 has 45 MA's), (134, 41464), (179, 41545), (212, 41611), (222, 41626), (226, 41638), (237, 41665), (256, 41722), (260, 41731), (323, 41878), (332, 41893), (349, 41947), (366, 41980), (388, 42019), (396, 42031), (432, 42112), (442, 42130), (443, 42133), (448, 42178), (478, 42289), (529, 42400), (540, 42421), (553, 42454),

Gene: Phelipe_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Phelipe_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370),

(334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: PhelpsODU_31 Start: 25890, Stop: 26633, Start Num: 189

Candidate Starts for PhelpsODU_31:

(169, 25863), (Start: 189 @25890 has 154 MA's), (215, 25932), (219, 25938), (234, 25974), (253, 26022), (257, 26031), (271, 26067), (287, 26109), (334, 26217), (397, 26352), (401, 26367), (405, 26379), (415, 26400), (438, 26418), (451, 26424), (507, 26502), (543, 26583), (552, 26604), (555, 26613),

Gene: PherrisBueller_11 Start: 5911, Stop: 6879, Start Num: 66

Candidate Starts for PherrisBueller_11:

(Start: 66 @5911 has 202 MA's), (Start: 77 @5944 has 5 MA's), (Start: 86 @5962 has 111 MA's), (Start: 87 @5965 has 14 MA's), (Start: 203 @6154 has 1 MA's), (240, 6232), (257, 6283), (263, 6295), (296, 6370), (317, 6433), (333, 6466), (339, 6478), (342, 6496), (346, 6514), (353, 6538), (381, 6577), (431, 6658), (440, 6682), (441, 6685), (442, 6688), (463, 6697), (505, 6784), (547, 6871),

Gene: PhesterPhotato_31 Start: 27551, Stop: 28552, Start Num: 55

Candidate Starts for PhesterPhotato_31:

(Start: 55 @27551 has 239 MA's), (Start: 62 @27572 has 3 MA's), (68, 27584), (82, 27626), (116, 27689), (Start: 129 @27710 has 1 MA's), (145, 27740), (Start: 174 @27794 has 1 MA's), (188, 27818), (207, 27845), (257, 27956), (301, 28070), (307, 28088), (328, 28127), (339, 28151), (346, 28187), (354, 28214), (381, 28253), (410, 28301), (440, 28361), (478, 28409), (511, 28478), (527, 28508),

Gene: Phighter1804_10 Start: 5857, Stop: 6837, Start Num: 86

Candidate Starts for Phighter1804_10:

(Start: 86 @5857 has 111 MA's), (95, 5884), (Start: 104 @5905 has 1 MA's), (Start: 106 @5908 has 1 MA's), (234, 6157), (257, 6214), (263, 6226), (282, 6277), (297, 6298), (300, 6319), (311, 6346), (333, 6373), (342, 6403), (405, 6553), (507, 6676), (511, 6688), (545, 6754),

Gene: Phillis_8 Start: 4833, Stop: 5642, Start Num: 137

Candidate Starts for Phillis_8:

(Start: 137 @4833 has 50 MA's), (182, 4917), (209, 4962), (235, 5022), (259, 5088), (356, 5322), (379, 5361), (391, 5379), (404, 5412), (411, 5430), (456, 5475), (476, 5499), (534, 5628),

Gene: Philly_46 Start: 41387, Stop: 42451, Start Num: 102

Candidate Starts for Philly_46:

(Start: 102 @41387 has 45 MA's), (134, 41450), (179, 41531), (212, 41597), (222, 41612), (226, 41624), (237, 41651), (256, 41708), (260, 41717), (323, 41864), (332, 41879), (349, 41933), (366, 41966), (388, 42005), (396, 42017), (432, 42098), (442, 42116), (443, 42119), (448, 42164), (478, 42275), (529, 42386), (540, 42407), (553, 42440),

Gene: Philus_31 Start: 27593, Stop: 28594, Start Num: 55

Candidate Starts for Philus_31:

(Start: 55 @27593 has 239 MA's), (82, 27668), (95, 27701), (116, 27731), (Start: 129 @27752 has 1 MA's), (145, 27782), (149, 27794), (Start: 174 @27836 has 1 MA's), (188, 27860), (Start: 203 @27875 has 1 MA's), (207, 27887), (257, 27998), (301, 28112), (307, 28130), (328, 28169), (339, 28193), (346, 28229), (381, 28295), (440, 28403), (478, 28451), (485, 28463), (507, 28508), (511, 28520), (527, 28550),

Gene: PhishRPhriends_11 Start: 5224, Stop: 6189, Start Num: 59

Candidate Starts for PhishRPhriends_11:

(Start: 59 @5224 has 93 MA's), (Start: 87 @5290 has 14 MA's), (120, 5344), (Start: 165 @5422 has 123 MA's), (235, 5545), (257, 5602), (296, 5674), (305, 5713), (314, 5731), (342, 5800), (399, 5917),

(410, 5944), (441, 6007), (501, 6097), (503, 6103),

Gene: Phlegm_257 Start: 145199, Stop: 146227, Start Num: 49

Candidate Starts for Phlegm_257:

(Start: 49 @145199 has 167 MA's), (Start: 62 @145229 has 3 MA's), (68, 145241), (82, 145283), (116, 145346), (Start: 129 @145367 has 1 MA's), (Start: 174 @145451 has 1 MA's), (Start: 203 @145493 has 1 MA's), (207, 145505), (213, 145520), (244, 145589), (257, 145616), (278, 145670), (294, 145715), (295, 145718), (323, 145796), (333, 145817), (381, 145928), (434, 146018), (440, 146036), (493, 146108), (507, 146141),

Gene: Phlorence_8 Start: 5463, Stop: 6272, Start Num: 137

Candidate Starts for Phlorence_8:

(Start: 137 @5463 has 50 MA's), (169, 5526), (175, 5535), (188, 5556), (209, 5592), (230, 5640), (250, 5697), (261, 5721), (356, 5952), (391, 6009), (534, 6258),

Gene: Phlyer_47 Start: 42275, Stop: 43339, Start Num: 102

Candidate Starts for Phlyer_47:

(Start: 102 @42275 has 45 MA's), (134, 42338), (179, 42419), (212, 42485), (222, 42500), (226, 42512), (237, 42539), (256, 42596), (260, 42605), (323, 42752), (332, 42767), (349, 42821), (366, 42854), (388, 42893), (396, 42905), (432, 42986), (442, 43004), (443, 43007), (478, 43163), (529, 43274), (540, 43295), (553, 43328),

Gene: Phoebe_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for Phoebe_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Phoebus_48 Start: 42862, Stop: 43734, Start Num: 108

Candidate Starts for Phoebus_48:

(Start: 108 @42862 has 40 MA's), (Start: 122 @42889 has 1 MA's), (153, 42949), (181, 42997), (218, 43063), (228, 43084), (240, 43105), (260, 43159), (292, 43240), (427, 43519), (429, 43522), (453, 43546), (471, 43582), (478, 43597), (483, 43609), (498, 43630),

Gene: Phontbonne_10 Start: 5822, Stop: 6805, Start Num: 84

Candidate Starts for Phontbonne_10:

(Start: 84 @5822 has 68 MA's), (Start: 104 @5873 has 1 MA's), (Start: 106 @5876 has 1 MA's), (179, 6011), (195, 6035), (234, 6125), (257, 6182), (282, 6245), (297, 6266), (300, 6287), (311, 6314), (342, 6371), (405, 6521), (507, 6644), (511, 6656), (558, 6767),

Gene: Phox_253 Start: 144448, Stop: 145476, Start Num: 49

Candidate Starts for Phox_253:

(Start: 49 @144448 has 167 MA's), (Start: 62 @144478 has 3 MA's), (68, 144490), (82, 144532), (116, 144595), (Start: 129 @144616 has 1 MA's), (Start: 174 @144700 has 1 MA's), (Start: 203 @144742 has 1 MA's), (207, 144754), (213, 144769), (244, 144838), (257, 144865), (278, 144919), (294, 144964), (295, 144967), (323, 145045), (333, 145066), (381, 145177), (434, 145267), (440, 145285), (493, 145357), (507, 145390),

Gene: Phoxy_12 Start: 6046, Stop: 7011, Start Num: 59

Candidate Starts for Phoxy_12:

(Start: 59 @6046 has 93 MA's), (78, 6091), (Start: 87 @6112 has 14 MA's), (158, 6232), (235, 6370), (257, 6427), (264, 6442), (300, 6523), (305, 6538), (314, 6556), (339, 6607), (342, 6625), (354, 6670), (410, 6766), (441, 6829), (474, 6868), (501, 6919),

Gene: Phrank_31 Start: 25840, Stop: 26583, Start Num: 189

Candidate Starts for Phrank_31:

(169, 25813), (Start: 189 @25840 has 154 MA's), (204, 25858), (215, 25882), (219, 25888), (234, 25924), (253, 25972), (257, 25981), (271, 26017), (287, 26059), (334, 26167), (397, 26302), (401, 26317), (405, 26329), (415, 26350), (437, 26365), (438, 26368), (451, 26374), (507, 26452), (543, 26533), (552, 26554), (555, 26563),

Gene: Phranny_13 Start: 6031, Stop: 6996, Start Num: 59

Candidate Starts for Phranny_13:

(Start: 59 @6031 has 93 MA's), (Start: 87 @6097 has 14 MA's), (120, 6151), (Start: 165 @6229 has 123 MA's), (235, 6352), (257, 6409), (296, 6481), (305, 6520), (314, 6538), (342, 6607), (399, 6724), (410, 6751), (441, 6814), (501, 6904), (503, 6910),

Gene: PhrostyMug_10 Start: 6057, Stop: 7025, Start Num: 66

Candidate Starts for PhrostyMug_10:

(Start: 66 @6057 has 202 MA's), (Start: 77 @6090 has 5 MA's), (Start: 86 @6108 has 111 MA's), (Start: 87 @6111 has 14 MA's), (240, 6378), (257, 6429), (263, 6441), (296, 6516), (317, 6579), (324, 6591), (333, 6612), (339, 6624), (342, 6642), (346, 6660), (353, 6684), (381, 6723), (431, 6804), (440, 6828), (441, 6831), (442, 6834), (463, 6843), (505, 6930), (547, 7017),

Gene: Phrux_35 Start: 31599, Stop: 32456, Start Num: 165

Candidate Starts for Phrux_35:

(Start: 165 @31599 has 123 MA's), (185, 31638), (207, 31668), (217, 31689), (233, 31725), (244, 31755), (276, 31830), (296, 31878), (298, 31881), (301, 31905), (302, 31908), (307, 31923), (381, 32094), (428, 32193), (435, 32208), (440, 32223), (442, 32229), (478, 32271), (479, 32274), (507, 32328), (539, 32406), (552, 32439),

Gene: Phusco_251 Start: 144031, Stop: 145059, Start Num: 49

Candidate Starts for Phusco_251:

(Start: 49 @144031 has 167 MA's), (Start: 62 @144061 has 3 MA's), (68, 144073), (82, 144115), (116, 144178), (Start: 129 @144199 has 1 MA's), (Start: 174 @144283 has 1 MA's), (Start: 203 @144325 has 1 MA's), (207, 144337), (213, 144352), (244, 144421), (257, 144448), (278, 144502), (294, 144547), (295, 144550), (323, 144628), (333, 144649), (381, 144760), (434, 144850), (440, 144868), (493, 144940), (507, 144973),

Gene: Piatt_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Piatt_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: PickleBack_8 Start: 5173, Stop: 5982, Start Num: 137

Candidate Starts for PickleBack_8:

(Start: 137 @5173 has 50 MA's), (169, 5236), (175, 5245), (188, 5266), (209, 5302), (230, 5350), (250, 5407), (261, 5431), (356, 5662), (391, 5719), (534, 5968),

Gene: Pier_251 Start: 145324, Stop: 146352, Start Num: 49

Candidate Starts for Pier_251:

(Start: 49 @145324 has 167 MA's), (Start: 62 @145354 has 3 MA's), (68, 145366), (82, 145408), (116, 145471), (Start: 129 @145492 has 1 MA's), (Start: 174 @145576 has 1 MA's), (Start: 203 @145618 has 1 MA's), (207, 145630), (213, 145645), (244, 145714), (257, 145741), (278, 145795), (294,

145840), (295, 145843), (323, 145921), (333, 145942), (381, 146053), (434, 146143), (440, 146161), (493, 146233), (507, 146266),

Gene: PinkPlastic_8 Start: 5490, Stop: 6458, Start Num: 66

Candidate Starts for PinkPlastic_8:

(Start: 66 @5490 has 202 MA's), (Start: 77 @5523 has 5 MA's), (Start: 86 @5541 has 111 MA's), (Start: 87 @5544 has 14 MA's), (240, 5811), (257, 5862), (263, 5874), (296, 5949), (317, 6012), (324, 6024), (333, 6045), (339, 6057), (342, 6075), (346, 6093), (353, 6117), (381, 6156), (431, 6237), (440, 6261), (441, 6264), (442, 6267), (463, 6276), (505, 6363), (547, 6450),

Gene: Pinkcreek_232 Start: 141680, Stop: 142678, Start Num: 62

Candidate Starts for Pinkcreek_232:

(Start: 49 @141650 has 167 MA's), (Start: 62 @141680 has 3 MA's), (82, 141734), (116, 141797), (Start: 129 @141818 has 1 MA's), (Start: 174 @141902 has 1 MA's), (Start: 203 @141944 has 1 MA's), (207, 141956), (213, 141971), (244, 142040), (257, 142067), (278, 142121), (294, 142166), (295, 142169), (323, 142247), (333, 142268), (381, 142379), (434, 142469), (440, 142487), (493, 142559), (507, 142592),

Gene: Pinto_12 Start: 6133, Stop: 7101, Start Num: 66

Candidate Starts for Pinto_12:

(Start: 66 @6133 has 202 MA's), (Start: 77 @6166 has 5 MA's), (Start: 86 @6184 has 111 MA's), (Start: 87 @6187 has 14 MA's), (240, 6454), (257, 6505), (263, 6517), (296, 6592), (317, 6655), (333, 6688), (339, 6700), (342, 6718), (346, 6736), (353, 6760), (381, 6799), (431, 6880), (440, 6904), (441, 6907), (442, 6910), (463, 6919), (505, 7006), (547, 7093),

Gene: Pio_259 Start: 146527, Stop: 147555, Start Num: 49

Candidate Starts for Pio_259:

(Start: 49 @146527 has 167 MA's), (Start: 62 @146557 has 3 MA's), (68, 146569), (82, 146611), (116, 146674), (Start: 129 @146695 has 1 MA's), (Start: 174 @146779 has 1 MA's), (Start: 203 @146821 has 1 MA's), (207, 146833), (213, 146848), (244, 146917), (257, 146944), (278, 146998), (294, 147043), (295, 147046), (323, 147124), (333, 147145), (381, 147256), (434, 147346), (440, 147364), (493, 147436), (507, 147469),

Gene: Pipcraft_10 Start: 5884, Stop: 6861, Start Num: 87

Candidate Starts for Pipcraft_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Pipefish_49 Start: 42928, Stop: 43992, Start Num: 102

Candidate Starts for Pipefish_49:

(Start: 102 @42928 has 45 MA's), (134, 42991), (179, 43072), (212, 43138), (222, 43153), (226, 43165), (237, 43192), (256, 43249), (260, 43258), (323, 43405), (332, 43420), (349, 43474), (366, 43507), (388, 43546), (396, 43558), (432, 43639), (442, 43657), (443, 43660), (478, 43816), (529, 43927), (540, 43948), (553, 43981),

Gene: Piper2020_33 Start: 28123, Stop: 29124, Start Num: 55

Candidate Starts for Piper2020_33:

(Start: 55 @28123 has 239 MA's), (82, 28198), (95, 28231), (116, 28261), (Start: 129 @28282 has 1 MA's), (Start: 174 @28366 has 1 MA's), (188, 28390), (Start: 203 @28405 has 1 MA's), (207, 28417), (257, 28528), (301, 28642), (307, 28660), (328, 28699), (339, 28723), (346, 28759), (354, 28786), (381, 28825), (440, 28933), (478, 28981), (511, 29050), (527, 29080),

Gene: Pippin_11 Start: 5832, Stop: 6800, Start Num: 66

Candidate Starts for Pippin_11:

(Start: 66 @5832 has 202 MA's), (Start: 77 @5865 has 5 MA's), (Start: 86 @5883 has 111 MA's), (Start: 87 @5886 has 14 MA's), (240, 6153), (257, 6204), (263, 6216), (296, 6291), (317, 6354), (324, 6366), (333, 6387), (339, 6399), (342, 6417), (346, 6435), (353, 6459), (381, 6498), (431, 6579), (440, 6603), (441, 6606), (442, 6609), (463, 6618), (505, 6705), (547, 6792),

Gene: Pippy_25 Start: 23661, Stop: 24662, Start Num: 55

Candidate Starts for Pippy_25:

(Start: 55 @23661 has 239 MA's), (82, 23736), (116, 23799), (Start: 129 @23820 has 1 MA's), (Start: 174 @23904 has 1 MA's), (188, 23928), (Start: 203 @23943 has 1 MA's), (207, 23955), (257, 24066), (307, 24198), (328, 24237), (339, 24261), (354, 24324), (381, 24363), (511, 24588), (527, 24618),

Gene: Piro94_12 Start: 6941, Stop: 7918, Start Num: 67

Candidate Starts for Piro94_12:

(Start: 67 @6941 has 52 MA's), (Start: 87 @6995 has 14 MA's), (133, 7052), (213, 7184), (235, 7232), (257, 7289), (271, 7325), (296, 7373), (305, 7412), (340, 7484), (342, 7499), (354, 7544), (362, 7562), (389, 7604), (410, 7652), (426, 7679), (434, 7694), (440, 7712), (441, 7715), (501, 7805),

Gene: Pistachio_11 Start: 5286, Stop: 6026, Start Num: 189

Candidate Starts for Pistachio_11:

(98, 5169), (Start: 189 @5286 has 154 MA's), (235, 5373), (257, 5430), (263, 5442), (264, 5445), (272, 5469), (285, 5484), (290, 5502), (300, 5532), (302, 5538), (305, 5547), (314, 5565), (339, 5616), (342, 5634), (368, 5706), (399, 5748), (410, 5775), (426, 5802), (440, 5835), (441, 5838), (474, 5877), (549, 6018),

Gene: Pita2_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for Pita2_12:

(Start: 66 @6491 has 202 MA's), (Start: 77 @6524 has 5 MA's), (Start: 86 @6542 has 111 MA's), (Start: 87 @6545 has 14 MA's), (240, 6812), (257, 6863), (263, 6875), (296, 6950), (317, 7013), (324, 7025), (333, 7046), (342, 7076), (346, 7094), (353, 7118), (381, 7157), (431, 7238), (440, 7262), (441, 7265), (442, 7268), (463, 7277), (505, 7364), (527, 7409), (547, 7451),

Gene: Pivoine_253 Start: 144496, Stop: 145524, Start Num: 49

Candidate Starts for Pivoine_253:

(Start: 49 @144496 has 167 MA's), (Start: 62 @144526 has 3 MA's), (68, 144538), (82, 144580), (116, 144643), (Start: 129 @144664 has 1 MA's), (Start: 174 @144748 has 1 MA's), (Start: 203 @144790 has 1 MA's), (207, 144802), (213, 144817), (244, 144886), (257, 144913), (278, 144967), (294, 145012), (295, 145015), (323, 145093), (333, 145114), (381, 145225), (434, 145315), (440, 145333), (493, 145405), (507, 145438),

Gene: Pixie_31 Start: 26938, Stop: 27726, Start Num: 189

Candidate Starts for Pixie_31:

(169, 26914), (Start: 189 @26938 has 154 MA's), (219, 26983), (234, 27019), (253, 27076), (257, 27085), (271, 27121), (294, 27175), (300, 27199), (362, 27340), (405, 27445), (415, 27466), (420, 27472), (430, 27490), (478, 27520), (511, 27589), (545, 27661), (555, 27691),

Gene: Pleione_256 Start: 145259, Stop: 146287, Start Num: 49

Candidate Starts for Pleione_256:

(Start: 49 @145259 has 167 MA's), (Start: 62 @145289 has 3 MA's), (68, 145301), (82, 145343), (116, 145406), (Start: 129 @145427 has 1 MA's), (Start: 174 @145511 has 1 MA's), (Start: 203 @145553 has 1 MA's), (207, 145565), (213, 145580), (244, 145649), (257, 145676), (278, 145730), (294, 145775), (295, 145778), (323, 145856), (333, 145877), (381, 145988), (434, 146078), (440, 146096),

(493, 146168), (507, 146201),

Gene: Plumbus_33 Start: 27594, Stop: 28595, Start Num: 55

Candidate Starts for Plumbus_33:

(2, 26973), (6, 27051), (8, 27114), (12, 27153), (22, 27306), (25, 27342), (Start: 55 @27594 has 239 MA's), (82, 27669), (95, 27702), (116, 27732), (Start: 129 @27753 has 1 MA's), (145, 27783), (149, 27795), (Start: 174 @27837 has 1 MA's), (188, 27861), (Start: 203 @27876 has 1 MA's), (207, 27888), (257, 27999), (301, 28113), (307, 28131), (328, 28170), (339, 28194), (346, 28230), (354, 28257), (381, 28296), (440, 28404), (485, 28464), (511, 28521), (527, 28551),

Gene: Pocahontas_11 Start: 6049, Stop: 7014, Start Num: 59

Candidate Starts for Pocahontas_11:

(Start: 59 @6049 has 93 MA's), (78, 6094), (Start: 87 @6115 has 14 MA's), (158, 6235), (166, 6250), (Start: 199 @6289 has 2 MA's), (235, 6373), (257, 6430), (264, 6445), (300, 6526), (305, 6541), (314, 6559), (339, 6610), (342, 6628), (354, 6673), (410, 6769), (441, 6832), (474, 6871), (501, 6922),

Gene: Poenanya_31 Start: 27641, Stop: 28642, Start Num: 55

Candidate Starts for Poenanya_31:

(32, 27479), (Start: 55 @27641 has 239 MA's), (82, 27716), (95, 27749), (116, 27779), (Start: 129 @27800 has 1 MA's), (145, 27830), (149, 27842), (Start: 174 @27884 has 1 MA's), (188, 27908), (Start: 203 @27923 has 1 MA's), (207, 27935), (257, 28046), (301, 28160), (307, 28178), (328, 28217), (339, 28241), (346, 28277), (354, 28304), (381, 28343), (410, 28391), (440, 28451), (478, 28499), (485, 28511), (507, 28556), (511, 28568), (527, 28598),

Gene: Pokerus_30 Start: 26411, Stop: 27283, Start Num: 189

Candidate Starts for Pokerus_30:

(169, 26384), (Start: 189 @26411 has 154 MA's), (Start: 203 @26423 has 1 MA's), (234, 26492), (244, 26519), (253, 26549), (257, 26558), (271, 26594), (274, 26603), (287, 26636), (294, 26654), (302, 26684), (334, 26744), (397, 26879), (405, 26906), (415, 26927), (430, 26951), (447, 27002), (481, 27104), (502, 27140), (511, 27164), (555, 27263), (557, 27272),

Gene: Policronamos_36 Start: 31884, Stop: 32741, Start Num: 165

Candidate Starts for Policronamos_36:

(Start: 165 @31884 has 123 MA's), (185, 31923), (207, 31953), (217, 31974), (233, 32010), (244, 32040), (276, 32115), (296, 32163), (298, 32166), (301, 32190), (302, 32193), (307, 32208), (381, 32379), (428, 32478), (435, 32493), (440, 32508), (442, 32514), (478, 32556), (479, 32559), (507, 32613), (539, 32691), (552, 32724),

Gene: Polka14_32 Start: 28140, Stop: 29141, Start Num: 55

Candidate Starts for Polka14_32:

(32, 27978), (Start: 55 @28140 has 239 MA's), (82, 28215), (95, 28248), (116, 28278), (Start: 129 @28299 has 1 MA's), (145, 28329), (149, 28341), (Start: 174 @28383 has 1 MA's), (188, 28407), (Start: 203 @28422 has 1 MA's), (207, 28434), (257, 28545), (301, 28659), (307, 28677), (328, 28716), (339, 28740), (346, 28776), (354, 28803), (381, 28842), (410, 28890), (440, 28950), (478, 28998), (485, 29010), (507, 29055), (511, 29067), (527, 29097),

Gene: Pollywog_31 Start: 27849, Stop: 28850, Start Num: 55

Candidate Starts for Pollywog_31:

(Start: 55 @27849 has 239 MA's), (82, 27924), (95, 27957), (116, 27987), (Start: 129 @28008 has 1 MA's), (145, 28038), (149, 28050), (Start: 174 @28092 has 1 MA's), (207, 28143), (213, 28158), (257, 28254), (300, 28365), (307, 28386), (328, 28425), (333, 28437), (346, 28485), (354, 28512), (366, 28536), (381, 28551), (440, 28659), (478, 28707), (511, 28776), (527, 28806),

Gene: Polymorphads_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Polymorphads_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (Start: 106 @5932 has 1 MA's), (179, 6067), (195, 6091), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: Pomar16_14 Start: 6638, Stop: 7402, Start Num: 197

Candidate Starts for Pomar16_14:

(Start: 197 @6638 has 16 MA's), (257, 6782), (296, 6869), (301, 6896), (305, 6908), (342, 6995), (410, 7136), (440, 7196), (441, 7199), (472, 7235), (501, 7289), (520, 7337),

Gene: Poompha_9 Start: 3780, Stop: 4754, Start Num: 67

Candidate Starts for Poompha_9:

(38, 3741), (Start: 67 @3780 has 52 MA's), (78, 3813), (Start: 87 @3834 has 14 MA's), (185, 4002), (207, 4044), (213, 4059), (257, 4164), (296, 4236), (301, 4263), (302, 4266), (305, 4275), (342, 4362), (410, 4509), (441, 4572), (474, 4611), (498, 4653),

Gene: PopTart_31 Start: 27830, Stop: 28831, Start Num: 55

Candidate Starts for PopTart_31:

(Start: 55 @27830 has 239 MA's), (82, 27905), (95, 27938), (116, 27968), (Start: 129 @27989 has 1 MA's), (Start: 174 @28073 has 1 MA's), (188, 28097), (Start: 203 @28112 has 1 MA's), (207, 28124), (257, 28235), (307, 28367), (328, 28406), (339, 28430), (346, 28466), (354, 28493), (381, 28532), (440, 28640), (485, 28700), (507, 28745), (511, 28757), (527, 28787),

Gene: Popcicle_11 Start: 6049, Stop: 7014, Start Num: 59

Candidate Starts for Popcicle_11:

(Start: 59 @6049 has 93 MA's), (78, 6094), (Start: 87 @6115 has 14 MA's), (158, 6235), (166, 6250), (Start: 199 @6289 has 2 MA's), (235, 6373), (257, 6430), (264, 6445), (300, 6526), (305, 6541), (314, 6559), (339, 6610), (342, 6628), (354, 6673), (410, 6769), (441, 6832), (474, 6871), (501, 6922),

Gene: Porcelain_47 Start: 38897, Stop: 39901, Start Num: 73

Candidate Starts for Porcelain_47:

(Start: 73 @38897 has 10 MA's), (92, 38951), (115, 39002), (157, 39074), (207, 39149), (257, 39263), (263, 39275), (274, 39308), (301, 39377), (305, 39389), (310, 39401), (312, 39404), (339, 39449), (342, 39467), (405, 39629), (412, 39644), (417, 39653), (552, 39854),

Gene: Porky_35 Start: 31695, Stop: 32552, Start Num: 165

Candidate Starts for Porky_35:

(Start: 165 @31695 has 123 MA's), (185, 31734), (207, 31764), (217, 31785), (233, 31821), (244, 31851), (276, 31926), (296, 31974), (298, 31977), (301, 32001), (302, 32004), (307, 32019), (381, 32190), (435, 32304), (440, 32319), (442, 32325), (478, 32367), (479, 32370), (507, 32424), (539, 32502), (552, 32535),

Gene: PotatoSplit_13 Start: 5962, Stop: 6927, Start Num: 59

Candidate Starts for PotatoSplit_13:

(Start: 59 @5962 has 93 MA's), (78, 6007), (Start: 87 @6028 has 14 MA's), (158, 6148), (235, 6286), (257, 6343), (264, 6358), (300, 6439), (305, 6454), (314, 6472), (339, 6523), (342, 6541), (354, 6586), (410, 6682), (441, 6745), (474, 6784), (501, 6835),

Gene: Pound_51 Start: 44412, Stop: 45278, Start Num: 108

Candidate Starts for Pound_51:

(Start: 108 @44412 has 40 MA's), (Start: 122 @44439 has 1 MA's), (181, 44547), (195, 44568), (218, 44613), (228, 44634), (240, 44655), (260, 44709), (283, 44760), (299, 44811), (369, 44961), (396,

45003), (415, 45054), (429, 45072), (474, 45138), (479, 45150), (483, 45159), (501, 45189), (526, 45252),

Gene: Power_11 Start: 6372, Stop: 7364, Start Num: 84

Candidate Starts for Power_11:

(Start: 84 @6372 has 68 MA's), (Start: 104 @6423 has 1 MA's), (Start: 106 @6426 has 1 MA's), (120, 6459), (131, 6474), (200, 6594), (Start: 203 @6600 has 1 MA's), (241, 6687), (257, 6732), (311, 6864), (341, 6903), (351, 6951), (390, 7032), (406, 7074), (489, 7158), (491, 7161), (511, 7209), (541, 7275), (564, 7350),

Gene: Priscilla_31 Start: 27784, Stop: 28785, Start Num: 55

Candidate Starts for Priscilla_31:

(Start: 55 @27784 has 239 MA's), (82, 27859), (95, 27892), (116, 27922), (Start: 129 @27943 has 1 MA's), (145, 27973), (149, 27985), (Start: 174 @28027 has 1 MA's), (188, 28051), (Start: 203 @28066 has 1 MA's), (207, 28078), (257, 28189), (301, 28303), (307, 28321), (328, 28360), (339, 28384), (346, 28420), (381, 28486), (440, 28594), (478, 28642), (485, 28654), (507, 28699), (511, 28711), (527, 28741),

Gene: Prithvi_31 Start: 26427, Stop: 27299, Start Num: 189

Candidate Starts for Prithvi_31:

(169, 26400), (Start: 189 @26427 has 154 MA's), (Start: 203 @26439 has 1 MA's), (234, 26508), (244, 26535), (253, 26565), (257, 26574), (271, 26610), (274, 26619), (287, 26652), (294, 26670), (334, 26760), (397, 26895), (405, 26922), (415, 26943), (430, 26967), (447, 27018), (481, 27120), (502, 27156), (511, 27180), (555, 27279), (557, 27288),

Gene: ProMouse_9 Start: 6454, Stop: 7422, Start Num: 66

Candidate Starts for ProMouse_9:

(Start: 66 @6454 has 202 MA's), (Start: 77 @6487 has 5 MA's), (Start: 86 @6505 has 111 MA's), (Start: 87 @6508 has 14 MA's), (240, 6775), (257, 6826), (263, 6838), (296, 6913), (317, 6976), (333, 7009), (342, 7039), (346, 7057), (381, 7120), (431, 7201), (440, 7225), (441, 7228), (442, 7231), (463, 7240), (505, 7327), (527, 7372), (547, 7414),

Gene: Psycho_31 Start: 27156, Stop: 27917, Start Num: 187

Candidate Starts for Psycho_31:

(159, 27108), (Start: 187 @27156 has 16 MA's), (Start: 203 @27168 has 1 MA's), (206, 27174), (219, 27201), (234, 27237), (255, 27297), (257, 27303), (268, 27333), (271, 27339), (274, 27348), (287, 27381), (300, 27423), (301, 27426), (305, 27438), (323, 27474), (334, 27489), (344, 27525), (397, 27624), (405, 27651), (415, 27672), (481, 27735), (498, 27759), (507, 27783), (536, 27852), (555, 27897), (557, 27906),

Gene: Pukovnik_13 Start: 8101, Stop: 9087, Start Num: 84

Candidate Starts for Pukovnik_13:

(Start: 84 @8101 has 68 MA's), (95, 8131), (Start: 106 @8155 has 1 MA's), (255, 8455), (257, 8461), (289, 8536), (297, 8545), (342, 8656), (381, 8752), (405, 8806), (416, 8830), (422, 8836), (481, 8881), (486, 8887), (511, 8941), (515, 8950),

Gene: Pumbaa_10 Start: 5856, Stop: 6836, Start Num: 86

Candidate Starts for Pumbaa_10:

(Start: 86 @5856 has 111 MA's), (95, 5883), (Start: 106 @5907 has 1 MA's), (Start: 199 @6072 has 2 MA's), (234, 6156), (257, 6213), (263, 6225), (282, 6276), (297, 6297), (300, 6318), (311, 6345), (333, 6372), (342, 6402), (405, 6552), (507, 6675), (511, 6687), (545, 6753),

Gene: Pumpkin_37 Start: 31935, Stop: 32792, Start Num: 165

Candidate Starts for Pumpkin_37:

(Start: 165 @31935 has 123 MA's), (185, 31974), (207, 32004), (217, 32025), (233, 32061), (244, 32091), (276, 32166), (296, 32214), (298, 32217), (301, 32241), (302, 32244), (307, 32259), (381, 32430), (435, 32544), (440, 32559), (442, 32565), (478, 32607), (479, 32610), (507, 32664), (539, 32742), (552, 32775),

Gene: Puppy_11 Start: 5358, Stop: 6098, Start Num: 189

Candidate Starts for Puppy_11:

(98, 5241), (Start: 189 @5358 has 154 MA's), (235, 5445), (257, 5502), (263, 5514), (264, 5517), (272, 5541), (285, 5556), (290, 5574), (300, 5604), (302, 5610), (305, 5619), (314, 5637), (339, 5688), (342, 5706), (368, 5778), (399, 5820), (410, 5847), (426, 5874), (440, 5907), (441, 5910), (474, 5949), (549, 6090),

Gene: PurduePete_253 Start: 145973, Stop: 147001, Start Num: 49

Candidate Starts for PurduePete_253:

(Start: 49 @145973 has 167 MA's), (Start: 62 @146003 has 3 MA's), (68, 146015), (82, 146057), (116, 146120), (Start: 129 @146141 has 1 MA's), (Start: 174 @146225 has 1 MA's), (Start: 203 @146267 has 1 MA's), (207, 146279), (213, 146294), (244, 146363), (257, 146390), (278, 146444), (294, 146489), (295, 146492), (323, 146570), (333, 146591), (381, 146702), (434, 146792), (440, 146810), (493, 146882), (507, 146915),

Gene: PurpleHaze_12 Start: 6032, Stop: 6997, Start Num: 59

Candidate Starts for PurpleHaze_12:

(Start: 59 @6032 has 93 MA's), (Start: 87 @6098 has 14 MA's), (120, 6152), (Start: 165 @6230 has 123 MA's), (235, 6353), (257, 6410), (296, 6482), (305, 6521), (314, 6539), (342, 6608), (399, 6725), (410, 6752), (441, 6815), (501, 6905), (503, 6911),

Gene: QBert_244 Start: 142846, Stop: 143874, Start Num: 49

Candidate Starts for QBert_244:

(Start: 49 @142846 has 167 MA's), (Start: 62 @142876 has 3 MA's), (68, 142888), (82, 142930), (116, 142993), (Start: 129 @143014 has 1 MA's), (Start: 174 @143098 has 1 MA's), (Start: 203 @143140 has 1 MA's), (207, 143152), (213, 143167), (244, 143236), (257, 143263), (278, 143317), (294, 143362), (295, 143365), (323, 143443), (333, 143464), (381, 143575), (434, 143665), (440, 143683), (493, 143755), (507, 143788),

Gene: QTRlifeCrisis_10 Start: 6459, Stop: 7427, Start Num: 66

Candidate Starts for QTRlifeCrisis_10:

(Start: 66 @6459 has 202 MA's), (Start: 77 @6492 has 5 MA's), (Start: 86 @6510 has 111 MA's), (Start: 87 @6513 has 14 MA's), (Start: 203 @6702 has 1 MA's), (240, 6780), (244, 6798), (257, 6831), (263, 6843), (296, 6918), (317, 6981), (324, 6993), (333, 7014), (339, 7026), (342, 7044), (346, 7062), (353, 7086), (381, 7125), (431, 7206), (440, 7230), (441, 7233), (442, 7236), (463, 7245), (505, 7332), (527, 7377), (547, 7419),

Gene: Quallification_36 Start: 32064, Stop: 32921, Start Num: 165

Candidate Starts for Quallification_36:

(Start: 165 @32064 has 123 MA's), (185, 32103), (207, 32133), (217, 32154), (233, 32190), (244, 32220), (276, 32295), (296, 32343), (298, 32346), (301, 32370), (302, 32373), (307, 32388), (381, 32559), (435, 32673), (440, 32688), (442, 32694), (478, 32736), (479, 32739), (507, 32793), (539, 32871), (552, 32904),

Gene: Quasimodo_255 Start: 144832, Stop: 145860, Start Num: 49

Candidate Starts for Quasimodo_255:

(Start: 49 @144832 has 167 MA's), (Start: 62 @144862 has 3 MA's), (68, 144874), (82, 144916), (116, 144979), (Start: 129 @145000 has 1 MA's), (Start: 174 @145084 has 1 MA's), (Start: 203 @145126 has 1 MA's), (207, 145138), (213, 145153), (244, 145222), (257, 145249), (278, 145303), (294, 145348), (295, 145351), (323, 145429), (333, 145450), (381, 145561), (434, 145651), (440, 145669), (493, 145741), (507, 145774),

Gene: Quby_26 Start: 25264, Stop: 26286, Start Num: 54

Candidate Starts for Quby_26:

(Start: 54 @25264 has 29 MA's), (96, 25375), (121, 25408), (125, 25414), (130, 25420), (182, 25522), (183, 25525), (207, 25564), (217, 25585), (235, 25627), (257, 25684), (301, 25798), (342, 25903), (379, 25984), (380, 25987), (402, 26032), (441, 26095), (463, 26107), (501, 26182), (511, 26209),

Gene: QueenB2_11 Start: 6448, Stop: 7431, Start Num: 84

Candidate Starts for QueenB2_11:

(Start: 62 @6406 has 3 MA's), (Start: 84 @6448 has 68 MA's), (95, 6478), (Start: 97 @6481 has 1 MA's), (Start: 104 @6499 has 1 MA's), (Start: 106 @6502 has 1 MA's), (229, 6739), (234, 6751), (257, 6808), (263, 6820), (292, 6886), (342, 6997), (405, 7144), (497, 7237), (511, 7279), (545, 7351), (560, 7405),

Gene: QueenBeesly_11 Start: 6372, Stop: 7364, Start Num: 84

Candidate Starts for QueenBeesly_11:

(Start: 84 @6372 has 68 MA's), (Start: 104 @6423 has 1 MA's), (Start: 106 @6426 has 1 MA's), (120, 6459), (131, 6474), (200, 6594), (Start: 203 @6600 has 1 MA's), (241, 6687), (257, 6732), (311, 6864), (341, 6903), (351, 6951), (390, 7032), (406, 7074), (491, 7161), (511, 7209), (541, 7275), (564, 7350),

Gene: QuickMath_32 Start: 28868, Stop: 29869, Start Num: 55

Candidate Starts for QuickMath_32:

(Start: 55 @28868 has 239 MA's), (82, 28943), (95, 28976), (116, 29006), (Start: 129 @29027 has 1 MA's), (145, 29057), (149, 29069), (Start: 174 @29111 has 1 MA's), (188, 29135), (Start: 203 @29150 has 1 MA's), (207, 29162), (257, 29273), (301, 29387), (307, 29405), (328, 29444), (339, 29468), (346, 29504), (354, 29531), (381, 29570), (440, 29678), (478, 29726), (485, 29738), (507, 29783), (511, 29795), (527, 29825),

Gene: Quico_32 Start: 27328, Stop: 28329, Start Num: 55

Candidate Starts for Quico_32:

(Start: 55 @27328 has 239 MA's), (82, 27403), (95, 27436), (116, 27466), (Start: 129 @27487 has 1 MA's), (Start: 174 @27571 has 1 MA's), (188, 27595), (Start: 203 @27610 has 1 MA's), (207, 27622), (257, 27733), (301, 27847), (307, 27865), (328, 27904), (339, 27928), (346, 27964), (354, 27991), (381, 28030), (410, 28078), (440, 28138), (478, 28186), (485, 28198), (507, 28243), (511, 28255), (527, 28285),

Gene: QuincyRose_30 Start: 26474, Stop: 27346, Start Num: 189

Candidate Starts for QuincyRose_30:

(169, 26447), (Start: 189 @26474 has 154 MA's), (Start: 203 @26486 has 1 MA's), (234, 26555), (244, 26582), (253, 26612), (257, 26621), (271, 26657), (274, 26666), (287, 26699), (294, 26717), (302, 26747), (334, 26807), (397, 26942), (405, 26969), (415, 26990), (430, 27014), (447, 27065), (481, 27167), (502, 27203), (511, 27227), (555, 27326), (557, 27335),

Gene: QuinnKiro_10 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for QuinnKiro_10:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Quokka_9 Start: 5599, Stop: 6363, Start Num: 197

Candidate Starts for Quokka_9:

(Start: 197 @5599 has 16 MA's), (257, 5743), (301, 5857), (302, 5860), (305, 5869), (339, 5938), (342, 5956), (362, 6019), (410, 6097), (426, 6124), (434, 6139), (440, 6157), (441, 6160), (501, 6250), (528, 6319),

Gene: Rabinovish_245 Start: 143336, Stop: 144364, Start Num: 49

Candidate Starts for Rabinovish_245:

(Start: 49 @143336 has 167 MA's), (Start: 62 @143366 has 3 MA's), (68, 143378), (82, 143420), (116, 143483), (Start: 129 @143504 has 1 MA's), (Start: 174 @143588 has 1 MA's), (Start: 203 @143630 has 1 MA's), (207, 143642), (213, 143657), (244, 143726), (257, 143753), (278, 143807), (294, 143852), (295, 143855), (323, 143933), (333, 143954), (381, 144065), (434, 144155), (440, 144173), (493, 144245), (507, 144278),

Gene: Rachaly_14 Start: 8129, Stop: 9115, Start Num: 84

Candidate Starts for Rachaly_14:

(Start: 84 @8129 has 68 MA's), (95, 8159), (Start: 104 @8180 has 1 MA's), (Start: 106 @8183 has 1 MA's), (120, 8216), (234, 8432), (255, 8483), (257, 8489), (263, 8501), (269, 8522), (311, 8612), (342, 8678), (405, 8828), (414, 8849), (511, 8963), (545, 9035),

Gene: Radiance_31 Start: 27692, Stop: 28693, Start Num: 55

Candidate Starts for Radiance_31:

(Start: 55 @27692 has 239 MA's), (82, 27767), (95, 27800), (116, 27830), (Start: 129 @27851 has 1 MA's), (145, 27881), (149, 27893), (Start: 174 @27935 has 1 MA's), (188, 27959), (Start: 203 @27974 has 1 MA's), (207, 27986), (257, 28097), (301, 28211), (307, 28229), (328, 28268), (339, 28292), (346, 28328), (381, 28394), (440, 28502), (478, 28550), (485, 28562), (507, 28607), (511, 28619), (527, 28649),

Gene: RagingRooster_47 Start: 41537, Stop: 42601, Start Num: 102

Candidate Starts for RagingRooster_47:

(Start: 102 @41537 has 45 MA's), (134, 41600), (179, 41681), (212, 41747), (222, 41762), (226, 41774), (237, 41801), (256, 41858), (260, 41867), (323, 42014), (332, 42029), (349, 42083), (366, 42116), (388, 42155), (396, 42167), (432, 42248), (442, 42266), (443, 42269), (448, 42314), (478, 42425), (529, 42536), (540, 42557), (553, 42590),

Gene: Rahel_254 Start: 144934, Stop: 145962, Start Num: 49

Candidate Starts for Rahel_254:

(Start: 49 @144934 has 167 MA's), (Start: 62 @144964 has 3 MA's), (68, 144976), (82, 145018), (116, 145081), (Start: 129 @145102 has 1 MA's), (Start: 174 @145186 has 1 MA's), (Start: 203 @145228 has 1 MA's), (207, 145240), (213, 145255), (244, 145324), (257, 145351), (278, 145405), (294, 145450), (295, 145453), (323, 145531), (333, 145552), (381, 145663), (434, 145753), (440, 145771), (493, 145843), (507, 145876),

Gene: Rajelicia_9 Start: 5630, Stop: 6598, Start Num: 66

Candidate Starts for Rajelicia_9:

(Start: 66 @5630 has 202 MA's), (Start: 77 @5663 has 5 MA's), (Start: 86 @5681 has 111 MA's), (Start: 87 @5684 has 14 MA's), (240, 5951), (257, 6002), (263, 6014), (296, 6089), (317, 6152), (324, 6164), (333, 6185), (339, 6197), (342, 6215), (346, 6233), (353, 6257), (381, 6296), (431, 6377), (440, 6401), (441, 6404), (442, 6407), (463, 6416), (505, 6503), (547, 6590),

Gene: Rakim_36 Start: 31964, Stop: 32821, Start Num: 165

Candidate Starts for Rakim_36:

(Start: 165 @31964 has 123 MA's), (185, 32003), (207, 32033), (217, 32054), (233, 32090), (244, 32120), (276, 32195), (296, 32243), (298, 32246), (301, 32270), (302, 32273), (307, 32288), (381, 32459), (435, 32573), (440, 32588), (442, 32594), (478, 32636), (479, 32639), (507, 32693), (539, 32771), (552, 32804),

Gene: Ramen_31 Start: 26460, Stop: 27332, Start Num: 189

Candidate Starts for Ramen_31:

(169, 26433), (Start: 189 @26460 has 154 MA's), (Start: 203 @26472 has 1 MA's), (234, 26541), (244, 26568), (253, 26598), (257, 26607), (271, 26643), (274, 26652), (287, 26685), (294, 26703), (302, 26733), (334, 26793), (397, 26928), (405, 26955), (415, 26976), (430, 27000), (481, 27153), (502, 27189), (555, 27312), (557, 27321),

Gene: Ramsey_34 Start: 28342, Stop: 29358, Start Num: 55

Candidate Starts for Ramsey_34:

(27, 28111), (28, 28114), (30, 28162), (42, 28297), (44, 28306), (Start: 55 @28342 has 239 MA's), (Start: 107 @28474 has 3 MA's), (116, 28495), (Start: 129 @28516 has 1 MA's), (145, 28546), (149, 28558), (Start: 174 @28600 has 1 MA's), (188, 28624), (Start: 203 @28639 has 1 MA's), (207, 28651), (213, 28666), (257, 28762), (301, 28876), (307, 28894), (328, 28933), (339, 28957), (346, 28993), (354, 29020), (366, 29044), (381, 29059), (440, 29167), (478, 29215), (511, 29284), (527, 29314),

Gene: Rando14_31 Start: 25909, Stop: 26766, Start Num: 189

Candidate Starts for Rando14_31:

(Start: 189 @25909 has 154 MA's), (Start: 203 @25921 has 1 MA's), (206, 25927), (215, 25948), (219, 25954), (231, 25984), (253, 26044), (257, 26053), (263, 26065), (274, 26098), (287, 26131), (302, 26179), (323, 26224), (362, 26311), (405, 26401), (415, 26422), (430, 26446), (440, 26473), (443, 26482), (447, 26497), (454, 26524), (481, 26584), (484, 26587), (502, 26620), (511, 26644), (536, 26701), (552, 26737), (555, 26746),

Gene: Rapunzel97_31 Start: 26461, Stop: 27333, Start Num: 189

Candidate Starts for Rapunzel97_31:

(169, 26434), (Start: 189 @26461 has 154 MA's), (Start: 203 @26473 has 1 MA's), (234, 26542), (244, 26569), (253, 26599), (257, 26608), (271, 26644), (274, 26653), (287, 26686), (294, 26704), (302, 26734), (333, 26791), (334, 26794), (397, 26929), (405, 26956), (415, 26977), (430, 27001), (447, 27052), (481, 27154), (502, 27190), (511, 27214), (555, 27313), (557, 27322),

Gene: Reba_13 Start: 5704, Stop: 6669, Start Num: 59

Candidate Starts for Reba_13:

(Start: 59 @5704 has 93 MA's), (Start: 87 @5770 has 14 MA's), (120, 5824), (Start: 165 @5902 has 123 MA's), (235, 6025), (257, 6082), (296, 6154), (305, 6193), (314, 6211), (342, 6280), (399, 6397), (410, 6424), (441, 6487), (501, 6577), (503, 6583),

Gene: Rebeuca_11 Start: 5885, Stop: 6859, Start Num: 67

Candidate Starts for Rebeuca_11:

(Start: 67 @5885 has 52 MA's), (Start: 87 @5939 has 14 MA's), (176, 6092), (257, 6254), (264, 6269), (271, 6290), (300, 6362), (302, 6368), (305, 6377), (339, 6446), (342, 6464), (354, 6509), (362, 6527), (410, 6605), (426, 6632), (434, 6647), (441, 6668), (474, 6707), (501, 6758), (517, 6800), (550, 6851),

Gene: RedBird_31 Start: 27495, Stop: 28496, Start Num: 55

Candidate Starts for RedBird_31:

(Start: 55 @27495 has 239 MA's), (Start: 62 @27516 has 3 MA's), (82, 27570), (95, 27603), (116, 27633), (Start: 129 @27654 has 1 MA's), (145, 27684), (149, 27696), (Start: 174 @27738 has 1 MA's), (188, 27762), (Start: 203 @27777 has 1 MA's), (207, 27789), (257, 27900), (301, 28014), (307, 28032), (328, 28071), (339, 28095), (346, 28131), (354, 28158), (381, 28197), (410, 28245), (440,

28305), (478, 28353), (485, 28365), (507, 28410), (511, 28422), (527, 28452),

Gene: RedRock_14 Start: 8396, Stop: 9373, Start Num: 67

Candidate Starts for RedRock_14:

(50, 8351), (Start: 67 @8396 has 52 MA's), (Start: 87 @8450 has 14 MA's), (213, 8639), (229, 8675), (235, 8687), (257, 8744), (271, 8780), (296, 8828), (305, 8867), (339, 8936), (342, 8954), (354, 8999), (362, 9017), (389, 9059), (410, 9107), (426, 9134), (434, 9149), (441, 9170), (472, 9206), (474, 9209), (498, 9251), (501, 9260),

Gene: Redno2_47 Start: 39617, Stop: 40489, Start Num: 108

Candidate Starts for Redno2_47:

(Start: 108 @39617 has 40 MA's), (Start: 122 @39644 has 1 MA's), (195, 39773), (218, 39818), (228, 39839), (240, 39860), (260, 39914), (292, 39995), (427, 40274), (429, 40277), (453, 40301), (471, 40337), (478, 40352), (483, 40364), (498, 40385),

Gene: Refuge_14 Start: 8748, Stop: 9725, Start Num: 67

Candidate Starts for Refuge_14:

(Start: 67 @8748 has 52 MA's), (Start: 87 @8802 has 14 MA's), (126, 8862), (160, 8922), (232, 9060), (236, 9069), (257, 9123), (264, 9138), (300, 9231), (302, 9237), (305, 9246), (342, 9333), (410, 9474), (441, 9537), (487, 9600), (498, 9618), (517, 9669),

Gene: Reindeer_38 Start: 32261, Stop: 33232, Start Num: 85

Candidate Starts for Reindeer_38:

(79, 32246), (Start: 85 @32261 has 13 MA's), (Start: 94 @32285 has 3 MA's), (100, 32300), (101, 32303), (124, 32351), (146, 32393), (169, 32438), (171, 32441), (186, 32465), (Start: 197 @32483 has 16 MA's), (204, 32495), (207, 32504), (233, 32561), (235, 32564), (248, 32588), (257, 32615), (269, 32648), (292, 32699), (301, 32729), (304, 32738), (305, 32741), (345, 32828), (352, 32843), (360, 32861), (419, 32996), (421, 32999), (478, 33071), (481, 33080), (498, 33104), (502, 33116), (538, 33170), (552, 33203),

Gene: Relief_10 Start: 5882, Stop: 6862, Start Num: 86

Candidate Starts for Relief_10:

(Start: 86 @5882 has 111 MA's), (Start: 87 @5885 has 14 MA's), (95, 5909), (Start: 104 @5930 has 1 MA's), (Start: 106 @5933 has 1 MA's), (234, 6182), (257, 6239), (297, 6323), (300, 6344), (311, 6371), (342, 6428), (405, 6578), (502, 6689), (507, 6701), (511, 6713), (545, 6779),

Gene: Renaud18_31 Start: 27722, Stop: 28723, Start Num: 55

Candidate Starts for Renaud18_31:

(Start: 55 @27722 has 239 MA's), (Start: 62 @27743 has 3 MA's), (68, 27755), (82, 27797), (116, 27860), (Start: 129 @27881 has 1 MA's), (145, 27911), (Start: 174 @27965 has 1 MA's), (188, 27989), (207, 28016), (213, 28031), (257, 28127), (300, 28238), (307, 28259), (328, 28298), (333, 28310), (346, 28358), (354, 28385), (366, 28409), (381, 28424), (440, 28532), (478, 28580), (511, 28649), (527, 28679),

Gene: Reptar3000_32 Start: 27365, Stop: 28156, Start Num: 173

Candidate Starts for Reptar3000_32:

(117, 27263), (128, 27281), (142, 27308), (Start: 173 @27365 has 20 MA's), (219, 27431), (229, 27455), (239, 27476), (243, 27485), (253, 27524), (257, 27533), (271, 27569), (274, 27578), (304, 27650), (397, 27857), (405, 27884), (415, 27905), (430, 27929), (507, 28007), (511, 28019), (545, 28091),

Gene: ResDef_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for ResDef_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Retro23_11 Start: 6523, Stop: 7515, Start Num: 84

Candidate Starts for Retro23_11:

(Start: 84 @6523 has 68 MA's), (Start: 97 @6556 has 1 MA's), (Start: 104 @6574 has 1 MA's), (Start: 106 @6577 has 1 MA's), (120, 6610), (131, 6625), (200, 6745), (Start: 203 @6751 has 1 MA's), (213, 6778), (241, 6838), (257, 6883), (311, 7015), (341, 7054), (351, 7102), (390, 7183), (406, 7225), (491, 7312), (507, 7348), (516, 7372), (533, 7414), (541, 7426), (564, 7501),

Gene: Rey_43 Start: 33168, Stop: 34145, Start Num: 84

Candidate Starts for Rey_43:

(Start: 84 @33168 has 68 MA's), (Start: 94 @33195 has 3 MA's), (Start: 129 @33267 has 1 MA's), (146, 33303), (169, 33348), (207, 33414), (248, 33498), (257, 33525), (294, 33612), (304, 33648), (305, 33651), (345, 33738), (352, 33753), (383, 33819), (419, 33906), (421, 33909), (424, 33918), (431, 33930), (435, 33939), (442, 33960), (514, 34056),

Gene: RhynO_11 Start: 5848, Stop: 6822, Start Num: 67

Candidate Starts for RhynO_11:

(Start: 67 @5848 has 52 MA's), (Start: 87 @5902 has 14 MA's), (118, 5950), (176, 6055), (257, 6217), (264, 6232), (271, 6253), (300, 6325), (305, 6340), (339, 6409), (342, 6427), (354, 6472), (362, 6490), (410, 6568), (426, 6595), (434, 6610), (441, 6631), (474, 6670), (501, 6721), (517, 6763), (550, 6814),

Gene: Rhynn_10 Start: 6060, Stop: 7028, Start Num: 66

Candidate Starts for Rhynn_10:

(Start: 66 @6060 has 202 MA's), (Start: 77 @6093 has 5 MA's), (Start: 86 @6111 has 111 MA's), (Start: 87 @6114 has 14 MA's), (240, 6381), (257, 6432), (263, 6444), (296, 6519), (317, 6582), (324, 6594), (333, 6615), (342, 6645), (346, 6663), (353, 6687), (381, 6726), (431, 6807), (440, 6831), (441, 6834), (442, 6837), (463, 6846), (465, 6849), (505, 6933), (527, 6978), (547, 7020),

Gene: Rialto_35 Start: 29850, Stop: 30851, Start Num: 55

Candidate Starts for Rialto_35:

(Start: 55 @29850 has 239 MA's), (82, 29925), (95, 29958), (116, 29988), (Start: 129 @30009 has 1 MA's), (Start: 174 @30093 has 1 MA's), (188, 30117), (Start: 203 @30132 has 1 MA's), (207, 30144), (257, 30255), (301, 30369), (307, 30387), (328, 30426), (339, 30450), (346, 30486), (354, 30513), (381, 30552), (410, 30600), (440, 30660), (485, 30720), (505, 30762), (507, 30765), (511, 30777), (527, 30807),

Gene: Richo_31 Start: 25850, Stop: 26611, Start Num: 189

Candidate Starts for Richo_31:

(169, 25820), (Start: 189 @25850 has 154 MA's), (219, 25895), (234, 25931), (255, 25991), (257, 25997), (268, 26027), (271, 26033), (274, 26042), (287, 26075), (300, 26117), (323, 26168), (334, 26183), (397, 26318), (405, 26345), (415, 26366), (420, 26372), (430, 26390), (479, 26423), (481, 26429), (507, 26477), (538, 26549), (555, 26591), (557, 26600),

Gene: RidgeCB_10 Start: 5587, Stop: 6555, Start Num: 66

Candidate Starts for RidgeCB_10:

(Start: 66 @5587 has 202 MA's), (Start: 77 @5620 has 5 MA's), (Start: 86 @5638 has 111 MA's), (Start: 87 @5641 has 14 MA's), (240, 5908), (244, 5926), (257, 5959), (263, 5971), (296, 6046), (317, 6109), (324, 6121), (333, 6142), (339, 6154), (342, 6172), (345, 6187), (346, 6190), (381, 6253), (431, 6334), (440, 6358), (441, 6361), (442, 6364), (463, 6373), (505, 6460), (547, 6547),

Gene: Rimmer_34 Start: 31424, Stop: 32281, Start Num: 165

Candidate Starts for Rimmer_34:

(Start: 165 @31424 has 123 MA's), (185, 31463), (207, 31493), (217, 31514), (233, 31550), (244, 31580), (276, 31655), (296, 31703), (298, 31706), (301, 31730), (302, 31733), (307, 31748), (381, 31919), (428, 32018), (435, 32033), (440, 32048), (442, 32054), (478, 32096), (479, 32099), (507, 32153), (539, 32231), (552, 32264),

Gene: Ringer_10 Start: 6258, Stop: 7226, Start Num: 66

Candidate Starts for Ringer_10:

(Start: 66 @6258 has 202 MA's), (Start: 77 @6291 has 5 MA's), (Start: 86 @6309 has 111 MA's), (Start: 87 @6312 has 14 MA's), (240, 6579), (257, 6630), (263, 6642), (296, 6717), (317, 6780), (333, 6813), (339, 6825), (342, 6843), (346, 6861), (381, 6924), (431, 7005), (440, 7029), (441, 7032), (442, 7035), (463, 7044), (505, 7131), (527, 7176), (547, 7218),

Gene: Rinke_49 Start: 43767, Stop: 44765, Start Num: 83

Candidate Starts for Rinke_49:

(Start: 83 @43767 has 4 MA's), (95, 43797), (Start: 104 @43818 has 1 MA's), (Start: 106 @43821 has 1 MA's), (148, 43908), (179, 43956), (Start: 199 @43986 has 2 MA's), (204, 43998), (244, 44097), (255, 44121), (257, 44127), (271, 44163), (273, 44169), (282, 44190), (292, 44205), (297, 44211), (311, 44259), (342, 44322), (381, 44418), (414, 44493), (416, 44496), (511, 44607), (514, 44613), (525, 44637),

Gene: Riparian_39 Start: 34810, Stop: 35859, Start Num: 108

Candidate Starts for Riparian_39:

(Start: 108 @34810 has 40 MA's), (151, 34894), (156, 34903), (169, 34927), (188, 34957), (201, 34978), (216, 35014), (226, 35035), (229, 35044), (236, 35062), (260, 35131), (327, 35284), (359, 35383), (373, 35410), (407, 35482), (440, 35536), (474, 35689), (486, 35713), (492, 35722), (510, 35764), (511, 35767), (514, 35773), (519, 35782), (535, 35818), (540, 35827), (546, 35836),

Gene: Rita_32 Start: 27771, Stop: 28772, Start Num: 55

Candidate Starts for Rita_32:

(Start: 55 @27771 has 239 MA's), (82, 27846), (95, 27879), (116, 27909), (Start: 129 @27930 has 1 MA's), (Start: 174 @28014 has 1 MA's), (207, 28065), (257, 28176), (300, 28287), (307, 28308), (328, 28347), (339, 28371), (346, 28407), (354, 28434), (366, 28458), (381, 28473), (440, 28581), (478, 28629), (511, 28698), (527, 28728),

Gene: Rita1961_47 Start: 41520, Stop: 42584, Start Num: 102

Candidate Starts for Rita1961_47:

(Start: 102 @41520 has 45 MA's), (134, 41583), (179, 41664), (212, 41730), (222, 41745), (226, 41757), (237, 41784), (256, 41841), (260, 41850), (323, 41997), (332, 42012), (349, 42066), (366, 42099), (388, 42138), (396, 42150), (432, 42231), (442, 42249), (443, 42252), (478, 42408), (529, 42519), (540, 42540), (553, 42573),

Gene: RitaG_32 Start: 27960, Stop: 28961, Start Num: 55

Candidate Starts for RitaG_32:

(Start: 55 @27960 has 239 MA's), (82, 28035), (95, 28068), (116, 28098), (Start: 129 @28119 has 1 MA's), (Start: 174 @28203 has 1 MA's), (188, 28227), (Start: 203 @28242 has 1 MA's), (207, 28254), (257, 28365), (301, 28479), (307, 28497), (328, 28536), (339, 28560), (346, 28596), (354, 28623), (381, 28662), (440, 28770), (485, 28830), (511, 28887), (527, 28917),

Gene: RiverMonster_35 Start: 31613, Stop: 32470, Start Num: 165

Candidate Starts for RiverMonster_35:

(Start: 165 @31613 has 123 MA's), (185, 31652), (207, 31682), (217, 31703), (233, 31739), (244, 31769), (276, 31844), (296, 31892), (298, 31895), (301, 31919), (302, 31922), (307, 31937), (381, 32108), (435, 32222), (440, 32237), (442, 32243), (478, 32285), (479, 32288), (507, 32342), (539, 32420), (552, 32453),

Gene: Rizal_241 Start: 142749, Stop: 143777, Start Num: 49

Candidate Starts for Rizal_241:

(Start: 49 @142749 has 167 MA's), (Start: 62 @142779 has 3 MA's), (68, 142791), (82, 142833), (116, 142896), (Start: 129 @142917 has 1 MA's), (Start: 174 @143001 has 1 MA's), (Start: 203 @143043 has 1 MA's), (207, 143055), (213, 143070), (244, 143139), (257, 143166), (278, 143220), (294, 143265), (295, 143268), (323, 143346), (333, 143367), (381, 143478), (434, 143568), (440, 143586), (493, 143658), (507, 143691),

Gene: RoMag_247 Start: 144530, Stop: 145558, Start Num: 49

Candidate Starts for RoMag_247:

(Start: 49 @144530 has 167 MA's), (Start: 62 @144560 has 3 MA's), (68, 144572), (82, 144614), (116, 144677), (Start: 129 @144698 has 1 MA's), (Start: 174 @144782 has 1 MA's), (Start: 203 @144824 has 1 MA's), (207, 144836), (213, 144851), (244, 144920), (257, 144947), (278, 145001), (294, 145046), (295, 145049), (323, 145127), (333, 145148), (381, 145259), (434, 145349), (440, 145367), (493, 145439), (507, 145472),

Gene: Roary_8 Start: 4837, Stop: 5646, Start Num: 137

Candidate Starts for Roary_8:

(Start: 137 @4837 has 50 MA's), (182, 4921), (209, 4966), (259, 5092), (356, 5326), (379, 5365), (391, 5383), (404, 5416), (411, 5434), (456, 5479), (476, 5503), (534, 5632),

Gene: Rockne_31 Start: 27499, Stop: 28500, Start Num: 55

Candidate Starts for Rockne_31:

(25, 27247), (35, 27400), (Start: 55 @27499 has 239 MA's), (Start: 62 @27520 has 3 MA's), (68, 27532), (82, 27574), (116, 27637), (Start: 129 @27658 has 1 MA's), (145, 27688), (Start: 174 @27742 has 1 MA's), (188, 27766), (207, 27793), (257, 27904), (301, 28018), (307, 28036), (328, 28075), (339, 28099), (346, 28135), (354, 28162), (381, 28201), (410, 28249), (440, 28309), (485, 28369), (511, 28426), (527, 28456),

Gene: Rockstar_10 Start: 5610, Stop: 6350, Start Num: 189

Candidate Starts for Rockstar_10:

(Start: 189 @5610 has 154 MA's), (235, 5697), (257, 5754), (263, 5766), (264, 5769), (272, 5793), (285, 5808), (300, 5856), (302, 5862), (314, 5889), (342, 5958), (368, 6030), (379, 6042), (399, 6072), (410, 6099), (426, 6126), (440, 6159), (441, 6162), (474, 6201), (502, 6255), (549, 6342),

Gene: RockyHorror_32 Start: 27441, Stop: 28442, Start Num: 55

Candidate Starts for RockyHorror_32:

(8, 26961), (12, 27000), (22, 27153), (25, 27189), (Start: 55 @27441 has 239 MA's), (82, 27516), (95, 27549), (116, 27579), (Start: 129 @27600 has 1 MA's), (Start: 174 @27684 has 1 MA's), (188, 27708), (Start: 203 @27723 has 1 MA's), (207, 27735), (257, 27846), (301, 27960), (307, 27978), (328, 28017), (339, 28041), (346, 28077), (354, 28104), (381, 28143), (440, 28251), (485, 28311), (507, 28356), (511, 28368), (527, 28398),

Gene: Rohr_11 Start: 6266, Stop: 7234, Start Num: 66

Candidate Starts for Rohr_11:

(Start: 66 @6266 has 202 MA's), (Start: 77 @6299 has 5 MA's), (Start: 86 @6317 has 111 MA's), (Start: 87 @6320 has 14 MA's), (240, 6587), (257, 6638), (263, 6650), (296, 6725), (317, 6788), (333, 6821), (339, 6833), (342, 6851), (345, 6866), (346, 6869), (353, 6893), (381, 6932), (431, 7013), (440,

7037), (441, 7040), (442, 7043), (463, 7052), (505, 7139), (527, 7184), (547, 7226),

Gene: RomaT_47 Start: 42310, Stop: 43374, Start Num: 102

Candidate Starts for RomaT_47:

(Start: 102 @42310 has 45 MA's), (134, 42373), (179, 42454), (212, 42520), (222, 42535), (226, 42547), (237, 42574), (256, 42631), (260, 42640), (323, 42787), (332, 42802), (349, 42856), (366, 42889), (388, 42928), (396, 42940), (432, 43021), (442, 43039), (443, 43042), (448, 43087), (478, 43198), (529, 43309), (540, 43330), (553, 43363),

Gene: Romney_10 Start: 5880, Stop: 6860, Start Num: 86

Candidate Starts for Romney_10:

(Start: 86 @5880 has 111 MA's), (Start: 87 @5883 has 14 MA's), (95, 5907), (Start: 104 @5928 has 1 MA's), (Start: 106 @5931 has 1 MA's), (234, 6180), (257, 6237), (297, 6321), (300, 6342), (311, 6369), (342, 6426), (405, 6576), (502, 6687), (507, 6699), (511, 6711), (545, 6777),

Gene: Ronan_248 Start: 142911, Stop: 143939, Start Num: 49

Candidate Starts for Ronan_248:

(Start: 49 @142911 has 167 MA's), (Start: 62 @142941 has 3 MA's), (82, 142995), (116, 143058), (Start: 129 @143079 has 1 MA's), (Start: 174 @143163 has 1 MA's), (Start: 203 @143205 has 1 MA's), (207, 143217), (213, 143232), (244, 143301), (257, 143328), (278, 143382), (294, 143427), (295, 143430), (323, 143508), (333, 143529), (381, 143640), (434, 143730), (440, 143748), (493, 143820), (507, 143853),

Gene: Roosevelt_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Roosevelt_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Roots515_255 Start: 146075, Stop: 147103, Start Num: 49

Candidate Starts for Roots515_255:

(Start: 49 @146075 has 167 MA's), (Start: 62 @146105 has 3 MA's), (68, 146117), (82, 146159), (116, 146222), (Start: 129 @146243 has 1 MA's), (Start: 174 @146327 has 1 MA's), (Start: 203 @146369 has 1 MA's), (207, 146381), (213, 146396), (244, 146465), (257, 146492), (278, 146546), (294, 146591), (295, 146594), (323, 146672), (333, 146693), (381, 146804), (434, 146894), (440, 146912), (493, 146984), (507, 147017),

Gene: Rope_39 Start: 34990, Stop: 36039, Start Num: 108

Candidate Starts for Rope_39:

(Start: 108 @34990 has 40 MA's), (151, 35074), (156, 35083), (169, 35107), (188, 35137), (201, 35158), (216, 35194), (226, 35215), (229, 35224), (236, 35242), (260, 35311), (327, 35464), (359, 35563), (373, 35590), (407, 35662), (440, 35716), (474, 35869), (486, 35893), (492, 35902), (510, 35944), (511, 35947), (514, 35953), (519, 35962), (535, 35998), (540, 36007), (546, 36016),

Gene: Rosa24_9 Start: 5856, Stop: 6836, Start Num: 86

Candidate Starts for Rosa24_9:

(Start: 86 @5856 has 111 MA's), (95, 5883), (Start: 104 @5904 has 1 MA's), (Start: 106 @5907 has 1 MA's), (234, 6156), (257, 6213), (263, 6225), (282, 6276), (297, 6297), (311, 6345), (342, 6402), (405, 6552), (507, 6675), (511, 6687), (545, 6753),

Gene: Rose5_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Rose5_26:

(Start: 54 @25547 has 29 MA's), (127, 25700), (130, 25703), (141, 25727), (147, 25739), (155, 25757), (166, 25775), (176, 25793), (179, 25799), (183, 25808), (196, 25823), (204, 25838), (235, 25910), (257, 25967), (272, 26006), (302, 26084), (305, 26093), (306, 26096), (314, 26111), (338, 26165), (342, 26186), (345, 26201), (387, 26285), (402, 26315), (441, 26384), (463, 26396), (474, 26420), (481, 26438), (485, 26441), (493, 26453), (495, 26456), (507, 26486), (511, 26498),

Gene: Rosmarinus_31 Start: 26482, Stop: 27354, Start Num: 189

Candidate Starts for Rosmarinus_31:

(40, 26152), (128, 26380), (169, 26455), (Start: 189 @26482 has 154 MA's), (Start: 203 @26494 has 1 MA's), (234, 26563), (244, 26590), (253, 26620), (257, 26629), (271, 26665), (274, 26674), (287, 26707), (294, 26725), (302, 26755), (334, 26815), (397, 26950), (405, 26977), (415, 26998), (430, 27022), (447, 27073), (481, 27175), (502, 27211), (511, 27235), (555, 27334), (557, 27343),

Gene: Rowdy_13 Start: 5759, Stop: 6733, Start Num: 67

Candidate Starts for Rowdy_13:

(Start: 67 @5759 has 52 MA's), (Start: 87 @5813 has 14 MA's), (118, 5861), (176, 5966), (257, 6128), (264, 6143), (271, 6164), (300, 6236), (305, 6251), (339, 6320), (342, 6338), (354, 6383), (362, 6401), (410, 6479), (426, 6506), (434, 6521), (441, 6542), (474, 6581), (501, 6632), (517, 6674), (550, 6725),

Gene: Royals2015_31 Start: 27614, Stop: 28615, Start Num: 55

Candidate Starts for Royals2015_31:

(Start: 55 @27614 has 239 MA's), (82, 27689), (116, 27752), (Start: 129 @27773 has 1 MA's), (Start: 174 @27857 has 1 MA's), (188, 27881), (Start: 203 @27896 has 1 MA's), (207, 27908), (257, 28019), (301, 28133), (307, 28151), (328, 28190), (339, 28214), (346, 28250), (354, 28277), (381, 28316), (410, 28364), (440, 28424), (485, 28484), (507, 28529), (511, 28541), (527, 28571),

Gene: Rubeus_10 Start: 5590, Stop: 6558, Start Num: 66

Candidate Starts for Rubeus_10:

(Start: 66 @5590 has 202 MA's), (Start: 77 @5623 has 5 MA's), (Start: 86 @5641 has 111 MA's), (Start: 87 @5644 has 14 MA's), (240, 5911), (257, 5962), (263, 5974), (296, 6049), (317, 6112), (324, 6124), (333, 6145), (339, 6157), (342, 6175), (346, 6193), (353, 6217), (381, 6256), (431, 6337), (440, 6361), (441, 6364), (442, 6367), (463, 6376), (505, 6463), (547, 6550),

Gene: Ruby_33 Start: 28455, Stop: 29525, Start Num: 113

Candidate Starts for Ruby_33:

(91, 28404), (Start: 113 @28455 has 21 MA's), (124, 28476), (Start: 129 @28482 has 1 MA's), (143, 28509), (146, 28518), (179, 28578), (195, 28605), (226, 28671), (245, 28725), (260, 28767), (278, 28818), (308, 28902), (323, 28932), (337, 28965), (358, 29040), (369, 29061), (432, 29190), (448, 29262), (472, 29358), (478, 29370), (511, 29439), (537, 29496), (542, 29505),

Gene: Rufus_10 Start: 5647, Stop: 6615, Start Num: 66

Candidate Starts for Rufus_10:

(Start: 66 @5647 has 202 MA's), (Start: 77 @5680 has 5 MA's), (Start: 86 @5698 has 111 MA's), (Start: 87 @5701 has 14 MA's), (240, 5968), (257, 6019), (263, 6031), (296, 6106), (317, 6169), (333, 6202), (342, 6232), (346, 6250), (353, 6274), (381, 6313), (431, 6394), (440, 6418), (441, 6421), (442, 6424), (463, 6433), (505, 6520), (547, 6607),

Gene: Ruin_10 Start: 5880, Stop: 6860, Start Num: 86

Candidate Starts for Ruin_10:

(Start: 86 @5880 has 111 MA's), (Start: 87 @5883 has 14 MA's), (95, 5907), (Start: 104 @5928 has 1 MA's), (Start: 106 @5931 has 1 MA's), (234, 6180), (257, 6237), (297, 6321), (300, 6342), (311, 6369), (342, 6426), (405, 6576), (502, 6687), (507, 6699), (511, 6711), (545, 6777),

Gene: Rummer_12 Start: 6046, Stop: 7011, Start Num: 59

Candidate Starts for Rummer_12:

(Start: 59 @6046 has 93 MA's), (78, 6091), (Start: 87 @6112 has 14 MA's), (158, 6232), (235, 6370), (257, 6427), (264, 6442), (300, 6523), (305, 6538), (314, 6556), (339, 6607), (342, 6625), (354, 6670), (410, 6766), (441, 6829), (474, 6868), (501, 6919),

Gene: Rumpelstiltskin_28 Start: 26523, Stop: 27551, Start Num: 54

Candidate Starts for Rumpelstiltskin_28:

(Start: 54 @26523 has 29 MA's), (125, 26673), (198, 26802), (202, 26811), (257, 26943), (302, 27060), (305, 27069), (306, 27072), (314, 27087), (342, 27162), (345, 27177), (402, 27291), (423, 27318), (436, 27345), (441, 27360), (463, 27372), (498, 27438),

Gene: Ruotula_9 Start: 6208, Stop: 7176, Start Num: 66

Candidate Starts for Ruotula_9:

(Start: 66 @6208 has 202 MA's), (Start: 77 @6241 has 5 MA's), (Start: 86 @6259 has 111 MA's), (Start: 87 @6262 has 14 MA's), (240, 6529), (257, 6580), (263, 6592), (296, 6667), (317, 6730), (324, 6742), (333, 6763), (339, 6775), (342, 6793), (346, 6811), (353, 6835), (381, 6874), (431, 6955), (440, 6979), (441, 6982), (442, 6985), (463, 6994), (505, 7081), (547, 7168),

Gene: Rutherferd_11 Start: 6108, Stop: 7076, Start Num: 66

Candidate Starts for Rutherferd_11:

(Start: 66 @6108 has 202 MA's), (Start: 77 @6141 has 5 MA's), (Start: 86 @6159 has 111 MA's), (Start: 87 @6162 has 14 MA's), (Start: 203 @6351 has 1 MA's), (240, 6429), (257, 6480), (263, 6492), (296, 6567), (317, 6630), (333, 6663), (339, 6675), (342, 6693), (346, 6711), (353, 6735), (381, 6774), (431, 6855), (440, 6879), (441, 6882), (442, 6885), (463, 6894), (505, 6981), (547, 7068),

Gene: Ruthiejr_33 Start: 27519, Stop: 28310, Start Num: 173

Candidate Starts for Ruthiejr_33:

(Start: 173 @27519 has 20 MA's), (Start: 203 @27552 has 1 MA's), (219, 27585), (229, 27609), (239, 27630), (243, 27639), (251, 27669), (253, 27678), (257, 27687), (271, 27723), (304, 27804), (397, 28011), (405, 28038), (415, 28059), (424, 28074), (430, 28083), (479, 28107), (507, 28161), (511, 28173), (545, 28245),

Gene: Ryadel_71 Start: 44253, Stop: 45293, Start Num: 55

Candidate Starts for Ryadel_71:

(Start: 55 @44253 has 239 MA's), (82, 44328), (116, 44409), (119, 44415), (Start: 129 @44430 has 1 MA's), (172, 44511), (Start: 174 @44514 has 1 MA's), (207, 44568), (213, 44583), (257, 44679), (272, 44718), (284, 44748), (294, 44778), (295, 44781), (302, 44814), (333, 44880), (344, 44919), (346, 44928), (354, 44955), (381, 44994), (488, 45168), (511, 45219),

Gene: SG4_32 Start: 28164, Stop: 29234, Start Num: 113

Candidate Starts for SG4_32:

(91, 28110), (Start: 113 @28164 has 21 MA's), (226, 28380), (227, 28383), (245, 28434), (260, 28476), (278, 28527), (323, 28641), (337, 28674), (358, 28749), (369, 28770), (432, 28899), (448, 28971), (472, 29067), (478, 29079), (511, 29148), (537, 29205), (542, 29214),

Gene: STLscum_11 Start: 6179, Stop: 7147, Start Num: 66

Candidate Starts for STLscum_11:

(Start: 66 @6179 has 202 MA's), (Start: 77 @6212 has 5 MA's), (Start: 86 @6230 has 111 MA's), (Start: 87 @6233 has 14 MA's), (Start: 203 @6422 has 1 MA's), (240, 6500), (257, 6551), (263, 6563), (296, 6638), (317, 6701), (333, 6734), (339, 6746), (342, 6764), (346, 6782), (381, 6845), (431, 6926), (440, 6950), (441, 6953), (442, 6956), (463, 6965), (505, 7052), (527, 7097), (547, 7139),

Gene: Saal_31 Start: 27571, Stop: 28572, Start Num: 55

Candidate Starts for Saal_31:

(Start: 55 @27571 has 239 MA's), (82, 27646), (95, 27679), (116, 27709), (Start: 129 @27730 has 1 MA's), (145, 27760), (149, 27772), (Start: 174 @27814 has 1 MA's), (188, 27838), (Start: 203 @27853 has 1 MA's), (207, 27865), (257, 27976), (301, 28090), (307, 28108), (328, 28147), (339, 28171), (346, 28207), (381, 28273), (440, 28381), (478, 28429), (485, 28441), (507, 28486), (511, 28498), (527, 28528),

Gene: Sabbb_32 Start: 27916, Stop: 28917, Start Num: 55

Candidate Starts for Sabbb_32:

(Start: 55 @27916 has 239 MA's), (82, 27991), (95, 28024), (116, 28054), (Start: 129 @28075 has 1 MA's), (145, 28105), (Start: 174 @28159 has 1 MA's), (188, 28183), (Start: 203 @28198 has 1 MA's), (207, 28210), (257, 28321), (301, 28435), (307, 28453), (328, 28492), (339, 28516), (346, 28552), (354, 28579), (381, 28618), (440, 28726), (478, 28774), (485, 28786), (507, 28831), (511, 28843), (527, 28873),

Gene: Sabertooth_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Sabertooth_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Sabia_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for Sabia_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579), (410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: Sabinator_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for Sabinator_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Sagefire_11 Start: 6861, Stop: 7829, Start Num: 66

Candidate Starts for Sagefire_11:

(Start: 66 @6861 has 202 MA's), (Start: 77 @6894 has 5 MA's), (Start: 86 @6912 has 111 MA's), (Start: 87 @6915 has 14 MA's), (240, 7182), (257, 7233), (263, 7245), (296, 7320), (317, 7383), (324, 7395), (333, 7416), (339, 7428), (342, 7446), (346, 7464), (353, 7488), (381, 7527), (431, 7608), (440, 7632), (441, 7635), (442, 7638), (463, 7647), (505, 7734), (547, 7821),

Gene: Saints25_36 Start: 31516, Stop: 32373, Start Num: 165

Candidate Starts for Saints25_36:

(Start: 165 @31516 has 123 MA's), (185, 31555), (207, 31585), (217, 31606), (233, 31642), (244, 31672), (276, 31747), (296, 31795), (298, 31798), (301, 31822), (302, 31825), (307, 31840), (381, 32011), (435, 32125), (440, 32140), (442, 32146), (478, 32188), (479, 32191), (507, 32245), (539, 32323), (552, 32356),

Gene: Saintus_8 Start: 4850, Stop: 5659, Start Num: 137

Candidate Starts for Saintus_8:

(Start: 137 @4850 has 50 MA's), (182, 4934), (209, 4979), (259, 5105), (356, 5339), (379, 5378), (391, 5396), (404, 5429), (411, 5447), (476, 5516), (534, 5645),

Gene: Salacia_254 Start: 146399, Stop: 147427, Start Num: 49

Candidate Starts for Salacia_254:

(Start: 49 @146399 has 167 MA's), (Start: 62 @146429 has 3 MA's), (68, 146441), (82, 146483), (116, 146546), (Start: 129 @146567 has 1 MA's), (Start: 174 @146651 has 1 MA's), (Start: 203 @146693 has 1 MA's), (207, 146705), (213, 146720), (244, 146789), (257, 146816), (278, 146870), (294, 146915), (295, 146918), (323, 146996), (333, 147017), (381, 147128), (434, 147218), (440, 147236), (493, 147308), (507, 147341),

Gene: SamScheppers_32 Start: 28032, Stop: 28823, Start Num: 173

Candidate Starts for SamScheppers_32:

(Start: 173 @28032 has 20 MA's), (Start: 203 @28065 has 1 MA's), (219, 28098), (229, 28122), (239, 28143), (243, 28152), (251, 28182), (253, 28191), (257, 28200), (271, 28236), (304, 28317), (397, 28524), (405, 28551), (415, 28572), (424, 28587), (430, 28596), (479, 28620), (507, 28674), (511, 28686), (545, 28758),

Gene: Samty_28 Start: 26853, Stop: 27896, Start Num: 74

Candidate Starts for Samty_28:

(Start: 74 @26853 has 17 MA's), (Start: 76 @26859 has 22 MA's), (Start: 87 @26886 has 14 MA's), (Start: 94 @26907 has 3 MA's), (117, 26958), (163, 27039), (223, 27144), (255, 27225), (257, 27231), (299, 27327), (303, 27345), (305, 27351), (307, 27357), (342, 27429), (368, 27486), (372, 27489), (398, 27546), (431, 27621), (439, 27642), (472, 27666), (479, 27681), (486, 27693), (511, 27750), (555, 27852), (559, 27873),

Gene: SamuelLPlaqson_31 Start: 26382, Stop: 27254, Start Num: 189

Candidate Starts for SamuelLPlaqson_31:

(128, 26280), (169, 26355), (Start: 189 @26382 has 154 MA's), (Start: 203 @26394 has 1 MA's), (234, 26463), (244, 26490), (253, 26520), (257, 26529), (271, 26565), (274, 26574), (287, 26607), (294, 26625), (334, 26715), (397, 26850), (405, 26877), (415, 26898), (430, 26922), (447, 26973), (481, 27075), (502, 27111), (511, 27135), (555, 27234), (557, 27243),

Gene: Sandaddy_9 Start: 6038, Stop: 6952, Start Num: 87

Candidate Starts for Sandaddy_9:

(Start: 66 @5984 has 202 MA's), (Start: 77 @6017 has 5 MA's), (Start: 86 @6035 has 111 MA's), (Start: 87 @6038 has 14 MA's), (240, 6305), (257, 6356), (263, 6368), (296, 6443), (317, 6506), (333, 6539), (339, 6551), (342, 6569), (346, 6587), (381, 6650), (431, 6731), (440, 6755), (441, 6758), (442, 6761), (463, 6770), (505, 6857), (527, 6902), (547, 6944),

Gene: Sandalphon_32 Start: 28302, Stop: 29303, Start Num: 55

Candidate Starts for Sandalphon_32:

(Start: 55 @28302 has 239 MA's), (82, 28377), (95, 28410), (116, 28440), (Start: 129 @28461 has 1 MA's), (Start: 174 @28545 has 1 MA's), (188, 28569), (Start: 203 @28584 has 1 MA's), (207, 28596), (257, 28707), (301, 28821), (307, 28839), (328, 28878), (339, 28902), (346, 28938), (354, 28965), (381, 29004), (440, 29112), (485, 29172), (511, 29229), (527, 29259),

Gene: Sanya_9 Start: 6646, Stop: 7614, Start Num: 66

Candidate Starts for Sanya_9:

(Start: 66 @6646 has 202 MA's), (Start: 77 @6679 has 5 MA's), (Start: 86 @6697 has 111 MA's), (Start: 87 @6700 has 14 MA's), (240, 6967), (257, 7018), (263, 7030), (296, 7105), (317, 7168), (324, 7180), (333, 7201), (339, 7213), (342, 7231), (346, 7249), (353, 7273), (381, 7312), (431, 7393), (440, 7417), (441, 7420), (442, 7423), (463, 7432), (505, 7519), (547, 7606),

Gene: SarFire_10 Start: 5845, Stop: 6813, Start Num: 66

Candidate Starts for SarFire_10:

(Start: 66 @5845 has 202 MA's), (Start: 77 @5878 has 5 MA's), (Start: 86 @5896 has 111 MA's), (Start: 87 @5899 has 14 MA's), (240, 6166), (252, 6202), (257, 6217), (263, 6229), (296, 6304), (317, 6367), (333, 6400), (339, 6412), (342, 6430), (346, 6448), (353, 6472), (381, 6511), (431, 6592), (440, 6616), (441, 6619), (442, 6622), (463, 6631), (505, 6718), (547, 6805),

Gene: Sarma624_27 Start: 23733, Stop: 24731, Start Num: 55

Candidate Starts for Sarma624_27:

(Start: 55 @23733 has 239 MA's), (82, 23808), (116, 23868), (Start: 129 @23889 has 1 MA's), (Start: 174 @23973 has 1 MA's), (207, 24024), (213, 24039), (257, 24135), (296, 24222), (300, 24246), (307, 24267), (328, 24306), (333, 24318), (346, 24366), (354, 24393), (366, 24417), (381, 24432), (440, 24540), (478, 24588), (511, 24657), (527, 24687),

Gene: Sarshaun_28 Start: 26336, Stop: 27307, Start Num: 76

Candidate Starts for Sarshaun_28:

(Start: 76 @26336 has 22 MA's), (Start: 97 @26390 has 1 MA's), (154, 26510), (172, 26540), (180, 26555), (Start: 203 @26588 has 1 MA's), (204, 26591), (207, 26600), (219, 26621), (244, 26684), (257, 26711), (266, 26735), (279, 26765), (301, 26816), (305, 26828), (340, 26891), (342, 26906), (361, 26966), (370, 26981), (405, 27062), (413, 27080), (415, 27083), (420, 27086), (484, 27137), (507, 27182), (525, 27224), (547, 27266),

Gene: Sassafras_32 Start: 28184, Stop: 29200, Start Num: 55

Candidate Starts for Sassafras_32:

(27, 27953), (28, 27956), (30, 28004), (42, 28139), (44, 28148), (Start: 55 @28184 has 239 MA's), (Start: 107 @28316 has 3 MA's), (116, 28337), (Start: 129 @28358 has 1 MA's), (145, 28388), (149, 28400), (Start: 174 @28442 has 1 MA's), (207, 28493), (257, 28604), (301, 28718), (307, 28736), (328, 28775), (339, 28799), (346, 28835), (354, 28862), (381, 28901), (410, 28949), (440, 29009), (478, 29057), (485, 29069), (507, 29114), (511, 29126), (527, 29156),

Gene: Sassay_34 Start: 31362, Stop: 32219, Start Num: 165

Candidate Starts for Sassay_34:

(Start: 165 @31362 has 123 MA's), (185, 31401), (207, 31431), (217, 31452), (233, 31488), (244, 31518), (276, 31593), (296, 31641), (298, 31644), (301, 31668), (302, 31671), (307, 31686), (381, 31857), (435, 31971), (440, 31986), (442, 31992), (478, 32034), (479, 32037), (507, 32091), (539, 32169), (552, 32202),

Gene: SassyB_31 Start: 27830, Stop: 28831, Start Num: 55

Candidate Starts for SassyB_31:

(Start: 55 @27830 has 239 MA's), (82, 27905), (95, 27938), (116, 27968), (Start: 129 @27989 has 1 MA's), (Start: 174 @28073 has 1 MA's), (188, 28097), (Start: 203 @28112 has 1 MA's), (207, 28124), (257, 28235), (307, 28367), (328, 28406), (339, 28430), (346, 28466), (354, 28493), (381, 28532), (440, 28640), (485, 28700), (507, 28745), (511, 28757), (527, 28787),

Gene: SaturnRing_10 Start: 5739, Stop: 6479, Start Num: 189

Candidate Starts for SaturnRing_10:

(98, 5622), (Start: 189 @5739 has 154 MA's), (235, 5826), (257, 5883), (263, 5895), (264, 5898), (272, 5922), (285, 5937), (290, 5955), (300, 5985), (302, 5991), (305, 6000), (314, 6018), (339, 6069), (342, 6087), (368, 6159), (399, 6201), (410, 6228), (426, 6255), (440, 6288), (441, 6291), (474, 6330), (549, 6471),

Gene: Sauce_249 Start: 144258, Stop: 145286, Start Num: 49

Candidate Starts for Sauce_249:

(Start: 49 @144258 has 167 MA's), (Start: 62 @144288 has 3 MA's), (68, 144300), (82, 144342), (116, 144405), (Start: 129 @144426 has 1 MA's), (Start: 174 @144510 has 1 MA's), (Start: 203 @144552

has 1 MA's), (207, 144564), (213, 144579), (244, 144648), (257, 144675), (278, 144729), (294, 144774), (295, 144777), (323, 144855), (333, 144876), (381, 144987), (434, 145077), (440, 145095), (493, 145167), (507, 145200),

Gene: Scamp_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Scamp_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Scarlett_30 Start: 25696, Stop: 26436, Start Num: 189

Candidate Starts for Scarlett_30:

(169, 25669), (Start: 189 @25696 has 154 MA's), (219, 25741), (234, 25777), (257, 25834), (271, 25870), (287, 25912), (302, 25960), (334, 26020), (397, 26155), (405, 26182), (420, 26209), (430, 26227), (479, 26251), (502, 26293), (510, 26314), (511, 26317), (555, 26416),

Gene: Schatzie_46 Start: 41633, Stop: 42505, Start Num: 108

Candidate Starts for Schatzie_46:

(Start: 108 @41633 has 40 MA's), (Start: 122 @41660 has 1 MA's), (153, 41720), (181, 41768), (218, 41834), (228, 41855), (240, 41876), (260, 41930), (292, 42011), (427, 42290), (429, 42293), (453, 42317), (471, 42353), (478, 42368), (483, 42380), (498, 42401),

Gene: SchoolBus_67 Start: 43413, Stop: 44453, Start Num: 55

Candidate Starts for SchoolBus_67:

(Start: 55 @43413 has 239 MA's), (82, 43488), (116, 43569), (119, 43575), (Start: 129 @43590 has 1 MA's), (172, 43671), (Start: 174 @43674 has 1 MA's), (207, 43728), (213, 43743), (257, 43839), (272, 43878), (284, 43908), (294, 43938), (295, 43941), (302, 43974), (333, 44040), (346, 44088), (354, 44115), (381, 44154), (488, 44328), (511, 44379),

Gene: Schuy_68 Start: 43204, Stop: 44244, Start Num: 55

Candidate Starts for Schuy_68:

(Start: 55 @43204 has 239 MA's), (82, 43279), (116, 43360), (119, 43366), (Start: 129 @43381 has 1 MA's), (172, 43462), (Start: 174 @43465 has 1 MA's), (207, 43519), (213, 43534), (257, 43630), (272, 43669), (284, 43699), (294, 43729), (295, 43732), (302, 43765), (333, 43831), (344, 43870), (346, 43879), (354, 43906), (381, 43945), (488, 44119), (511, 44170),

Gene: Scorpia_9 Start: 5152, Stop: 5961, Start Num: 137

Candidate Starts for Scorpia_9:

(105, 5089), (123, 5128), (Start: 137 @5152 has 50 MA's), (169, 5215), (209, 5281), (215, 5296), (230, 5329), (343, 5599), (356, 5641), (379, 5680), (391, 5698), (403, 5728), (524, 5926),

Gene: ScottMcG_244 Start: 143459, Stop: 144487, Start Num: 49

Candidate Starts for ScottMcG_244:

(Start: 49 @143459 has 167 MA's), (Start: 62 @143489 has 3 MA's), (68, 143501), (82, 143543), (116, 143606), (Start: 129 @143627 has 1 MA's), (Start: 174 @143711 has 1 MA's), (Start: 203 @143753 has 1 MA's), (207, 143765), (213, 143780), (244, 143849), (257, 143876), (278, 143930), (294, 143975), (295, 143978), (323, 144056), (333, 144077), (381, 144188), (434, 144278), (440, 144296), (493, 144368), (507, 144401),

Gene: Scottish_32 Start: 28820, Stop: 29821, Start Num: 55

Candidate Starts for Scottish_32:

(32, 28658), (Start: 55 @28820 has 239 MA's), (82, 28895), (95, 28928), (116, 28958), (Start: 129 @28979 has 1 MA's), (145, 29009), (149, 29021), (Start: 174 @29063 has 1 MA's), (188, 29087),

(Start: 203 @29102 has 1 MA's), (207, 29114), (257, 29225), (301, 29339), (307, 29357), (328, 29396), (339, 29420), (346, 29456), (354, 29483), (381, 29522), (410, 29570), (440, 29630), (478, 29678), (485, 29690), (507, 29735), (511, 29747), (527, 29777),

Gene: Scout_10 Start: 5032, Stop: 5772, Start Num: 189

Candidate Starts for Scout_10:

(Start: 189 @5032 has 154 MA's), (235, 5119), (257, 5176), (263, 5188), (264, 5191), (272, 5215), (285, 5230), (290, 5248), (300, 5278), (302, 5284), (314, 5311), (342, 5380), (368, 5452), (399, 5494), (410, 5521), (426, 5548), (440, 5581), (441, 5584), (474, 5623), (549, 5764),

Gene: Scowl_11 Start: 6537, Stop: 7505, Start Num: 66

Candidate Starts for Scowl_11:

(Start: 66 @6537 has 202 MA's), (Start: 77 @6570 has 5 MA's), (Start: 86 @6588 has 111 MA's), (Start: 87 @6591 has 14 MA's), (240, 6858), (257, 6909), (263, 6921), (296, 6996), (317, 7059), (324, 7071), (333, 7092), (339, 7104), (342, 7122), (346, 7140), (353, 7164), (381, 7203), (431, 7284), (440, 7308), (441, 7311), (442, 7314), (463, 7323), (505, 7410), (547, 7497),

Gene: Seabastian_31 Start: 27728, Stop: 28729, Start Num: 55

Candidate Starts for Seabastian_31:

(2, 27107), (6, 27185), (8, 27248), (12, 27287), (17, 27419), (22, 27440), (25, 27476), (35, 27629), (Start: 55 @27728 has 239 MA's), (Start: 62 @27749 has 3 MA's), (68, 27761), (82, 27803), (95, 27836), (116, 27866), (Start: 129 @27887 has 1 MA's), (Start: 174 @27971 has 1 MA's), (188, 27995), (Start: 203 @28010 has 1 MA's), (207, 28022), (257, 28133), (301, 28247), (307, 28265), (328, 28304), (339, 28328), (346, 28364), (354, 28391), (381, 28430), (440, 28538), (478, 28586), (485, 28598), (505, 28640), (507, 28643), (511, 28655), (527, 28685),

Gene: Seabiscuit_11 Start: 5728, Stop: 6696, Start Num: 66

Candidate Starts for Seabiscuit_11:

(Start: 66 @5728 has 202 MA's), (Start: 77 @5761 has 5 MA's), (Start: 86 @5779 has 111 MA's), (Start: 87 @5782 has 14 MA's), (240, 6049), (257, 6100), (263, 6112), (296, 6187), (317, 6250), (333, 6283), (339, 6295), (342, 6313), (346, 6331), (353, 6355), (381, 6394), (431, 6475), (440, 6499), (441, 6502), (442, 6505), (463, 6514), (505, 6601), (547, 6688),

Gene: Seagreen_32 Start: 27637, Stop: 28638, Start Num: 55

Candidate Starts for Seagreen_32:

(Start: 55 @27637 has 239 MA's), (82, 27712), (95, 27745), (116, 27775), (Start: 129 @27796 has 1 MA's), (Start: 174 @27880 has 1 MA's), (188, 27904), (Start: 203 @27919 has 1 MA's), (207, 27931), (257, 28042), (301, 28156), (307, 28174), (328, 28213), (339, 28237), (346, 28273), (354, 28300), (381, 28339), (440, 28447), (478, 28495), (485, 28507), (507, 28552), (511, 28564), (527, 28594),

Gene: Seanderson_11 Start: 6516, Stop: 7478, Start Num: 66

Candidate Starts for Seanderson_11:

(Start: 66 @6516 has 202 MA's), (Start: 77 @6549 has 5 MA's), (Start: 86 @6567 has 111 MA's), (Start: 87 @6570 has 14 MA's), (207, 6771), (240, 6837), (257, 6882), (298, 6972), (328, 7053), (333, 7065), (339, 7077), (342, 7095), (346, 7113), (353, 7137), (381, 7176), (431, 7257), (440, 7281), (441, 7284), (442, 7287), (463, 7296), (498, 7362), (505, 7383), (547, 7470),

Gene: Sebata_252 Start: 145118, Stop: 146146, Start Num: 49

Candidate Starts for Sebata_252:

(Start: 49 @145118 has 167 MA's), (Start: 62 @145148 has 3 MA's), (82, 145202), (116, 145265), (Start: 129 @145286 has 1 MA's), (Start: 174 @145370 has 1 MA's), (Start: 203 @145412 has 1 MA's), (207, 145424), (213, 145439), (244, 145508), (257, 145535), (278, 145589), (294, 145634), (295, 145637), (323, 145715), (333, 145736), (381, 145847), (434, 145937), (440, 145955), (493,

146027), (507, 146060),

Gene: SemperFi_13 Start: 6800, Stop: 7792, Start Num: 84

Candidate Starts for SemperFi_13:

(Start: 84 @6800 has 68 MA's), (Start: 104 @6851 has 1 MA's), (Start: 106 @6854 has 1 MA's), (120, 6887), (131, 6902), (200, 7022), (Start: 203 @7028 has 1 MA's), (241, 7115), (257, 7160), (311, 7292), (341, 7331), (351, 7379), (390, 7460), (406, 7502), (491, 7589), (511, 7637), (541, 7703), (564, 7778),

Gene: Send513_39 Start: 35346, Stop: 36395, Start Num: 108

Candidate Starts for Send513_39:

(Start: 108 @35346 has 40 MA's), (151, 35430), (156, 35439), (169, 35463), (188, 35493), (201, 35514), (208, 35532), (216, 35550), (226, 35571), (229, 35580), (236, 35598), (245, 35625), (260, 35667), (298, 35757), (315, 35799), (327, 35820), (359, 35919), (373, 35946), (407, 36018), (440, 36072), (472, 36222), (486, 36249), (492, 36258), (510, 36300), (511, 36303), (514, 36309), (519, 36318), (535, 36354), (540, 36363), (546, 36372),

Gene: Serenity_10 Start: 5599, Stop: 6363, Start Num: 197

Candidate Starts for Serenity_10:

(Start: 197 @5599 has 16 MA's), (257, 5743), (301, 5857), (305, 5869), (339, 5938), (342, 5956), (362, 6019), (410, 6097), (426, 6124), (434, 6139), (440, 6157), (441, 6160), (501, 6250), (528, 6319),

Gene: Severus_9 Start: 3780, Stop: 4754, Start Num: 67

Candidate Starts for Severus_9:

(38, 3741), (Start: 67 @3780 has 52 MA's), (78, 3813), (Start: 87 @3834 has 14 MA's), (185, 4002), (207, 4044), (213, 4059), (257, 4164), (296, 4236), (301, 4263), (302, 4266), (305, 4275), (342, 4362), (410, 4509), (441, 4572), (474, 4611), (498, 4653),

Gene: SgtBeansprout_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for SgtBeansprout_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481, 26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: Shadow1_30 Start: 25713, Stop: 26456, Start Num: 189

Candidate Starts for Shadow1_30:

(128, 25611), (Start: 138 @25632 has 3 MA's), (159, 25665), (169, 25686), (Start: 189 @25713 has 154 MA's), (215, 25755), (219, 25761), (234, 25797), (253, 25845), (257, 25854), (271, 25890), (287, 25932), (334, 26040), (397, 26175), (401, 26190), (405, 26202), (415, 26223), (437, 26238), (451, 26247), (474, 26259), (507, 26325), (543, 26406), (552, 26427), (555, 26436),

Gene: Shaka_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Shaka_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: ShamWow_35 Start: 31858, Stop: 32715, Start Num: 165

Candidate Starts for ShamWow_35:

(Start: 165 @31858 has 123 MA's), (185, 31897), (207, 31927), (217, 31948), (233, 31984), (244, 32014), (276, 32089), (296, 32137), (298, 32140), (301, 32164), (302, 32167), (307, 32182), (381, 32353), (428, 32452), (435, 32467), (440, 32482), (442, 32488), (478, 32530), (479, 32533), (507, 32587), (539, 32665), (552, 32698),

Gene: Shaobing_31 Start: 25850, Stop: 26611, Start Num: 189

Candidate Starts for Shaobing_31:

(169, 25820), (Start: 189 @25850 has 154 MA's), (219, 25895), (234, 25931), (255, 25991), (257, 25997), (268, 26027), (271, 26033), (274, 26042), (287, 26075), (300, 26117), (323, 26168), (334, 26183), (397, 26318), (405, 26345), (415, 26366), (420, 26372), (430, 26390), (479, 26423), (481, 26429), (507, 26477), (538, 26549), (555, 26591), (557, 26600),

Gene: Shapes_13 Start: 5759, Stop: 6733, Start Num: 67

Candidate Starts for Shapes_13:

(Start: 67 @5759 has 52 MA's), (Start: 87 @5813 has 14 MA's), (118, 5861), (176, 5966), (257, 6128), (264, 6143), (271, 6164), (300, 6236), (305, 6251), (339, 6320), (342, 6338), (354, 6383), (362, 6401), (410, 6479), (426, 6506), (434, 6521), (441, 6542), (474, 6581), (501, 6632), (517, 6674), (550, 6725),

Gene: Shaqnato_243 Start: 143667, Stop: 144695, Start Num: 49

Candidate Starts for Shaqnato_243:

(Start: 49 @143667 has 167 MA's), (Start: 62 @143697 has 3 MA's), (82, 143751), (116, 143814), (Start: 129 @143835 has 1 MA's), (Start: 174 @143919 has 1 MA's), (Start: 203 @143961 has 1 MA's), (207, 143973), (213, 143988), (244, 144057), (257, 144084), (278, 144138), (294, 144183), (295, 144186), (323, 144264), (333, 144285), (381, 144396), (434, 144486), (440, 144504), (493, 144576), (507, 144609),

Gene: Shauna1_28 Start: 26660, Stop: 27658, Start Num: 55

Candidate Starts for Shauna1_28:

(Start: 55 @26660 has 239 MA's), (82, 26735), (116, 26795), (Start: 129 @26816 has 1 MA's), (Start: 174 @26900 has 1 MA's), (207, 26951), (213, 26966), (257, 27062), (296, 27149), (300, 27173), (307, 27194), (328, 27233), (333, 27245), (346, 27293), (354, 27320), (366, 27344), (381, 27359), (440, 27467), (478, 27515), (511, 27584), (527, 27614),

Gene: ShedlockHolmes_32 Start: 27460, Stop: 28248, Start Num: 189

Candidate Starts for ShedlockHolmes_32:

(169, 27436), (Start: 189 @27460 has 154 MA's), (219, 27505), (234, 27541), (253, 27598), (257, 27607), (271, 27643), (294, 27697), (300, 27721), (362, 27862), (397, 27925), (405, 27967), (415, 27988), (420, 27994), (430, 28012), (478, 28042), (511, 28111), (545, 28183), (555, 28213),

Gene: Sheen_12 Start: 7592, Stop: 8332, Start Num: 192

Candidate Starts for Sheen_12:

(160, 7544), (Start: 192 @7592 has 1 MA's), (213, 7628), (257, 7733), (296, 7805), (301, 7832), (305, 7844), (314, 7862), (342, 7931), (362, 7994), (399, 8045), (410, 8072), (426, 8099), (441, 8135), (478, 8183), (501, 8225),

Gene: SheldonCooper_10 Start: 5859, Stop: 6839, Start Num: 86

Candidate Starts for SheldonCooper_10:

(Start: 86 @5859 has 111 MA's), (95, 5886), (Start: 104 @5907 has 1 MA's), (Start: 106 @5910 has 1 MA's), (234, 6159), (257, 6216), (263, 6228), (282, 6279), (297, 6300), (311, 6348), (342, 6405), (405, 6555), (507, 6678), (511, 6690), (545, 6756),

Gene: Shelob_253 Start: 146393, Stop: 147421, Start Num: 49

Candidate Starts for Shelob_253:

(Start: 49 @146393 has 167 MA's), (Start: 62 @146423 has 3 MA's), (68, 146435), (82, 146477), (116, 146540), (Start: 129 @146561 has 1 MA's), (Start: 174 @146645 has 1 MA's), (Start: 203 @146687 has 1 MA's), (207, 146699), (213, 146714), (244, 146783), (257, 146810), (278, 146864), (294, 146909), (295, 146912), (323, 146990), (333, 147011), (381, 147122), (434, 147212), (440, 147230),

(493, 147302), (507, 147335),

Gene: Sheng711_26 Start: 25346, Stop: 26368, Start Num: 54

Candidate Starts for Sheng711_26:

(Start: 54 @25346 has 29 MA's), (96, 25457), (121, 25490), (125, 25496), (130, 25502), (182, 25604), (183, 25607), (207, 25646), (217, 25667), (235, 25709), (257, 25766), (301, 25880), (342, 25985), (379, 26066), (380, 26069), (402, 26114), (441, 26177), (463, 26189), (498, 26255), (501, 26264), (511, 26291),

Gene: ShereKhan_37 Start: 32841, Stop: 33698, Start Num: 165

Candidate Starts for ShereKhan_37:

(Start: 165 @32841 has 123 MA's), (185, 32880), (207, 32910), (217, 32931), (233, 32967), (244, 32997), (276, 33072), (296, 33120), (298, 33123), (301, 33147), (302, 33150), (307, 33165), (381, 33336), (435, 33450), (440, 33465), (442, 33471), (478, 33513), (479, 33516), (507, 33570), (539, 33648), (552, 33681),

Gene: ShiLan_31 Start: 27740, Stop: 28741, Start Num: 55

Candidate Starts for ShiLan_31:

(Start: 55 @27740 has 239 MA's), (Start: 62 @27761 has 3 MA's), (68, 27773), (82, 27815), (116, 27878), (Start: 129 @27899 has 1 MA's), (145, 27929), (Start: 174 @27983 has 1 MA's), (188, 28007), (Start: 203 @28022 has 1 MA's), (207, 28034), (257, 28145), (301, 28259), (307, 28277), (328, 28316), (339, 28340), (346, 28376), (354, 28403), (381, 28442), (410, 28490), (440, 28550), (485, 28610), (511, 28667), (527, 28697),

Gene: ShiaLabeouf_250 Start: 144252, Stop: 145280, Start Num: 49

Candidate Starts for ShiaLabeouf_250:

(Start: 49 @144252 has 167 MA's), (Start: 62 @144282 has 3 MA's), (68, 144294), (82, 144336), (116, 144399), (Start: 129 @144420 has 1 MA's), (Start: 174 @144504 has 1 MA's), (Start: 203 @144546 has 1 MA's), (207, 144558), (213, 144573), (244, 144642), (257, 144669), (278, 144723), (294, 144768), (295, 144771), (323, 144849), (333, 144870), (381, 144981), (434, 145071), (440, 145089), (493, 145161), (507, 145194),

Gene: ShiaSurprise_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for ShiaSurprise_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Shida_67 Start: 43111, Stop: 44151, Start Num: 55

Candidate Starts for Shida_67:

(Start: 55 @43111 has 239 MA's), (82, 43186), (116, 43267), (119, 43273), (Start: 129 @43288 has 1 MA's), (172, 43369), (Start: 174 @43372 has 1 MA's), (207, 43426), (213, 43441), (257, 43537), (272, 43576), (284, 43606), (294, 43636), (295, 43639), (302, 43672), (333, 43738), (344, 43777), (346, 43786), (354, 43813), (381, 43852), (488, 44026), (511, 44077),

Gene: Shifa_228 Start: 143726, Stop: 144754, Start Num: 49

Candidate Starts for Shifa_228:

(Start: 49 @143726 has 167 MA's), (Start: 62 @143756 has 3 MA's), (82, 143810), (116, 143873), (Start: 129 @143894 has 1 MA's), (Start: 174 @143978 has 1 MA's), (Start: 203 @144020 has 1 MA's), (207, 144032), (213, 144047), (244, 144116), (257, 144143), (278, 144197), (294, 144242), (295, 144245), (323, 144323), (333, 144344), (381, 144455), (434, 144545), (440, 144563), (493, 144635), (507, 144668),

Gene: Shnickers_251 Start: 144316, Stop: 145344, Start Num: 49

Candidate Starts for Shnickers_251:

(Start: 49 @144316 has 167 MA's), (Start: 62 @144346 has 3 MA's), (68, 144358), (82, 144400), (116, 144463), (Start: 129 @144484 has 1 MA's), (Start: 174 @144568 has 1 MA's), (Start: 203 @144610 has 1 MA's), (207, 144622), (213, 144637), (244, 144706), (257, 144733), (278, 144787), (294, 144832), (295, 144835), (323, 144913), (333, 144934), (381, 145045), (434, 145135), (440, 145153), (493, 145225), (507, 145258),

Gene: ShortQueendom_9 Start: 5652, Stop: 6620, Start Num: 66

Candidate Starts for ShortQueendom_9:

(Start: 66 @5652 has 202 MA's), (Start: 77 @5685 has 5 MA's), (Start: 86 @5703 has 111 MA's), (Start: 87 @5706 has 14 MA's), (240, 5973), (257, 6024), (263, 6036), (296, 6111), (317, 6174), (324, 6186), (333, 6207), (339, 6219), (342, 6237), (346, 6255), (353, 6279), (381, 6318), (431, 6399), (440, 6423), (441, 6426), (442, 6429), (463, 6438), (479, 6474), (505, 6525), (547, 6612),

Gene: ShowerHandel_31 Start: 27699, Stop: 28700, Start Num: 55

Candidate Starts for ShowerHandel_31:

(Start: 55 @27699 has 239 MA's), (Start: 62 @27720 has 3 MA's), (68, 27732), (82, 27774), (116, 27837), (Start: 129 @27858 has 1 MA's), (145, 27888), (Start: 174 @27942 has 1 MA's), (188, 27966), (Start: 203 @27981 has 1 MA's), (207, 27993), (257, 28104), (301, 28218), (307, 28236), (328, 28275), (339, 28299), (346, 28335), (354, 28362), (381, 28401), (410, 28449), (440, 28509), (485, 28569), (511, 28626), (527, 28656),

Gene: Shrimp_255 Start: 146010, Stop: 147038, Start Num: 49

Candidate Starts for Shrimp_255:

(Start: 49 @146010 has 167 MA's), (Start: 62 @146040 has 3 MA's), (68, 146052), (82, 146094), (116, 146157), (Start: 129 @146178 has 1 MA's), (Start: 174 @146262 has 1 MA's), (Start: 203 @146304 has 1 MA's), (207, 146316), (213, 146331), (244, 146400), (257, 146427), (278, 146481), (294, 146526), (295, 146529), (323, 146607), (333, 146628), (381, 146739), (434, 146829), (440, 146847), (493, 146919), (507, 146952),

Gene: ShroomBoi_28 Start: 26597, Stop: 27598, Start Num: 55

Candidate Starts for ShroomBoi_28:

(10, 26156), (14, 26195), (19, 26327), (Start: 23 @26348 has 1 MA's), (26, 26384), (Start: 55 @26597 has 239 MA's), (82, 26672), (95, 26705), (116, 26735), (Start: 129 @26756 has 1 MA's), (145, 26786), (149, 26798), (Start: 174 @26840 has 1 MA's), (207, 26891), (213, 26906), (257, 27002), (300, 27113), (307, 27134), (328, 27173), (333, 27185), (346, 27233), (354, 27260), (366, 27284), (381, 27299), (440, 27407), (478, 27455), (511, 27524), (527, 27554),

Gene: Shygu2_10 Start: 5881, Stop: 6864, Start Num: 84

Candidate Starts for Shygu2_10:

(Start: 84 @5881 has 68 MA's), (95, 5911), (Start: 104 @5932 has 1 MA's), (Start: 106 @5935 has 1 MA's), (206, 6115), (234, 6184), (257, 6241), (263, 6253), (273, 6283), (282, 6304), (297, 6325), (311, 6373), (342, 6430), (405, 6580), (507, 6703), (511, 6715), (515, 6724), (545, 6781), (565, 6856),

Gene: SiSi_31 Start: 27498, Stop: 28499, Start Num: 55

Candidate Starts for SiSi_31:

(Start: 55 @27498 has 239 MA's), (Start: 62 @27519 has 3 MA's), (82, 27573), (95, 27606), (116, 27636), (Start: 129 @27657 has 1 MA's), (Start: 174 @27741 has 1 MA's), (188, 27765), (Start: 203 @27780 has 1 MA's), (207, 27792), (257, 27903), (301, 28017), (307, 28035), (328, 28074), (339, 28098), (346, 28134), (354, 28161), (381, 28200), (410, 28248), (440, 28308), (485, 28368), (511, 28425), (527, 28455),

Gene: Sibs6_11 Start: 5783, Stop: 6751, Start Num: 66

Candidate Starts for Sibs6_11:

(Start: 66 @5783 has 202 MA's), (Start: 77 @5816 has 5 MA's), (Start: 86 @5834 has 111 MA's), (Start: 87 @5837 has 14 MA's), (240, 6104), (257, 6155), (263, 6167), (296, 6242), (317, 6305), (324, 6317), (333, 6338), (339, 6350), (342, 6368), (346, 6386), (353, 6410), (381, 6449), (431, 6530), (440, 6554), (441, 6557), (442, 6560), (463, 6569), (505, 6656), (547, 6743),

Gene: SilverDipper_257 Start: 145052, Stop: 146080, Start Num: 49

Candidate Starts for SilverDipper_257:

(Start: 49 @145052 has 167 MA's), (Start: 62 @145082 has 3 MA's), (68, 145094), (82, 145136), (116, 145199), (Start: 129 @145220 has 1 MA's), (Start: 174 @145304 has 1 MA's), (Start: 203 @145346 has 1 MA's), (207, 145358), (213, 145373), (244, 145442), (257, 145469), (278, 145523), (294, 145568), (295, 145571), (323, 145649), (333, 145670), (381, 145781), (434, 145871), (440, 145889), (493, 145961), (507, 145994),

Gene: Silverleaf_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Silverleaf_26:

(Start: 54 @25547 has 29 MA's), (127, 25700), (130, 25703), (141, 25727), (147, 25739), (155, 25757), (166, 25775), (176, 25793), (179, 25799), (183, 25808), (204, 25838), (235, 25910), (257, 25967), (272, 26006), (302, 26084), (305, 26093), (306, 26096), (314, 26111), (338, 26165), (342, 26186), (345, 26201), (387, 26285), (402, 26315), (441, 26384), (463, 26396), (474, 26420), (481, 26438), (485, 26441), (493, 26453), (495, 26456), (507, 26486), (511, 26498),

Gene: Simpliphy_36 Start: 31603, Stop: 32460, Start Num: 165

Candidate Starts for Simpliphy_36:

(Start: 165 @31603 has 123 MA's), (185, 31642), (207, 31672), (217, 31693), (233, 31729), (244, 31759), (276, 31834), (296, 31882), (298, 31885), (301, 31909), (302, 31912), (307, 31927), (381, 32098), (435, 32212), (440, 32227), (442, 32233), (478, 32275), (479, 32278), (507, 32332), (539, 32410), (552, 32443),

Gene: SimranZ1_34 Start: 27818, Stop: 28819, Start Num: 55

Candidate Starts for SimranZ1_34:

(11, 27359), (12, 27374), (25, 27566), (35, 27719), (Start: 55 @27818 has 239 MA's), (68, 27851), (82, 27893), (95, 27926), (116, 27956), (Start: 129 @27977 has 1 MA's), (Start: 174 @28061 has 1 MA's), (188, 28085), (Start: 203 @28100 has 1 MA's), (207, 28112), (257, 28223), (301, 28337), (307, 28355), (328, 28394), (339, 28418), (346, 28454), (354, 28481), (381, 28520), (440, 28628), (485, 28688), (507, 28733), (511, 28745), (527, 28775),

Gene: SirDuracell_34 Start: 30523, Stop: 31380, Start Num: 165

Candidate Starts for SirDuracell_34:

(Start: 165 @30523 has 123 MA's), (185, 30562), (207, 30592), (217, 30613), (233, 30649), (244, 30679), (276, 30754), (296, 30802), (298, 30805), (301, 30829), (302, 30832), (307, 30847), (381, 31018), (435, 31132), (440, 31147), (442, 31153), (478, 31195), (479, 31198), (507, 31252), (539, 31330), (552, 31363),

Gene: SirPhilip_30 Start: 25363, Stop: 26103, Start Num: 191

Candidate Starts for SirPhilip_30:

(Start: 191 @25363 has 3 MA's), (219, 25408), (234, 25444), (253, 25492), (257, 25501), (274, 25546), (287, 25579), (305, 25636), (333, 25684), (334, 25687), (362, 25759), (397, 25822), (401, 25837), (405, 25849), (438, 25888), (451, 25894), (502, 25960), (555, 26083), (557, 26092),

Gene: SkiPole_12 Start: 6159, Stop: 7127, Start Num: 66

Candidate Starts for SkiPole_12:

(Start: 66 @6159 has 202 MA's), (Start: 77 @6192 has 5 MA's), (Start: 86 @6210 has 111 MA's), (Start: 87 @6213 has 14 MA's), (240, 6480), (257, 6531), (263, 6543), (296, 6618), (317, 6681), (324, 6693), (333, 6714), (339, 6726), (342, 6744), (346, 6762), (353, 6786), (381, 6825), (431, 6906), (440, 6930), (441, 6933), (442, 6936), (463, 6945), (505, 7032), (527, 7077), (547, 7119),

Gene: Skinny_39 Start: 32223, Stop: 33194, Start Num: 85

Candidate Starts for Skinny_39:

(Start: 85 @32223 has 13 MA's), (Start: 94 @32247 has 3 MA's), (100, 32262), (169, 32400), (186, 32427), (Start: 197 @32445 has 16 MA's), (204, 32457), (207, 32466), (229, 32511), (233, 32523), (248, 32550), (257, 32577), (263, 32589), (280, 32634), (292, 32661), (301, 32691), (304, 32700), (305, 32703), (345, 32790), (352, 32805), (419, 32958), (421, 32961), (472, 33021), (478, 33033), (481, 33042), (502, 33078), (508, 33093), (538, 33132), (552, 33165),

Gene: Skipitt_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Skipitt_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Slagathor_10 Start: 5601, Stop: 6569, Start Num: 66

Candidate Starts for Slagathor_10:

(Start: 66 @5601 has 202 MA's), (Start: 77 @5634 has 5 MA's), (Start: 86 @5652 has 111 MA's), (Start: 87 @5655 has 14 MA's), (240, 5922), (257, 5973), (263, 5985), (296, 6060), (317, 6123), (324, 6135), (333, 6156), (339, 6168), (342, 6186), (346, 6204), (353, 6228), (381, 6267), (431, 6348), (440, 6372), (441, 6375), (442, 6378), (463, 6387), (505, 6474), (547, 6561),

Gene: Slarp_32 Start: 27640, Stop: 28431, Start Num: 173

Candidate Starts for Slarp_32:

(Start: 173 @27640 has 20 MA's), (Start: 203 @27673 has 1 MA's), (219, 27706), (229, 27730), (239, 27751), (243, 27760), (251, 27790), (253, 27799), (257, 27808), (271, 27844), (304, 27925), (397, 28132), (405, 28159), (415, 28180), (430, 28204), (479, 28228), (507, 28282), (511, 28294), (545, 28366),

Gene: SlimJimmy_37 Start: 31777, Stop: 32748, Start Num: 85

Candidate Starts for SlimJimmy_37:

(Start: 85 @31777 has 13 MA's), (Start: 94 @31801 has 3 MA's), (100, 31816), (169, 31954), (186, 31981), (Start: 197 @31999 has 16 MA's), (204, 32011), (207, 32020), (229, 32065), (233, 32077), (248, 32104), (257, 32131), (263, 32143), (280, 32188), (292, 32215), (301, 32245), (304, 32254), (305, 32257), (352, 32359), (419, 32512), (421, 32515), (472, 32575), (478, 32587), (481, 32596), (502, 32632), (508, 32647), (538, 32686), (552, 32719),

Gene: Slimphazie_31 Start: 26461, Stop: 27333, Start Num: 189

Candidate Starts for Slimphazie_31:

(169, 26434), (Start: 189 @26461 has 154 MA's), (Start: 203 @26473 has 1 MA's), (234, 26542), (244, 26569), (253, 26599), (257, 26608), (271, 26644), (274, 26653), (287, 26686), (294, 26704), (302, 26734), (333, 26791), (334, 26794), (397, 26929), (405, 26956), (415, 26977), (430, 27001), (447, 27052), (481, 27154), (502, 27190), (511, 27214), (555, 27313), (557, 27322),

Gene: SlippinJimmy_47 Start: 42302, Stop: 43366, Start Num: 102

Candidate Starts for SlippinJimmy_47:

(Start: 102 @42302 has 45 MA's), (134, 42365), (179, 42446), (212, 42512), (222, 42527), (226, 42539), (237, 42566), (256, 42623), (260, 42632), (323, 42779), (332, 42794), (349, 42848), (366,

42881), (388, 42920), (396, 42932), (432, 43013), (442, 43031), (443, 43034), (448, 43079), (478, 43190), (529, 43301), (540, 43322), (553, 43355),

Gene: Smairt_11 Start: 6456, Stop: 7424, Start Num: 66

Candidate Starts for Smairt_11:

(Start: 66 @6456 has 202 MA's), (Start: 77 @6489 has 5 MA's), (Start: 86 @6507 has 111 MA's), (Start: 87 @6510 has 14 MA's), (240, 6777), (257, 6828), (263, 6840), (296, 6915), (317, 6978), (324, 6990), (333, 7011), (339, 7023), (342, 7041), (346, 7059), (353, 7083), (381, 7122), (431, 7203), (440, 7227), (441, 7230), (442, 7233), (463, 7242), (505, 7329), (547, 7416),

Gene: SmallFry_253 Start: 144410, Stop: 145438, Start Num: 49

Candidate Starts for SmallFry_253:

(Start: 49 @144410 has 167 MA's), (Start: 62 @144440 has 3 MA's), (68, 144452), (82, 144494), (116, 144557), (Start: 129 @144578 has 1 MA's), (Start: 174 @144662 has 1 MA's), (Start: 203 @144704 has 1 MA's), (207, 144716), (213, 144731), (244, 144800), (257, 144827), (278, 144881), (294, 144926), (295, 144929), (323, 145007), (333, 145028), (381, 145139), (434, 145229), (440, 145247), (493, 145319), (507, 145352),

Gene: Smeadley_8 Start: 4870, Stop: 5679, Start Num: 137

Candidate Starts for Smeadley_8:

(Start: 137 @4870 has 50 MA's), (182, 4954), (209, 4999), (235, 5059), (259, 5125), (356, 5359), (379, 5398), (391, 5416), (404, 5449), (411, 5467), (456, 5512), (476, 5536), (534, 5665),

Gene: Smeagan_13 Start: 6868, Stop: 7860, Start Num: 84

Candidate Starts for Smeagan_13:

(Start: 84 @6868 has 68 MA's), (Start: 106 @6922 has 1 MA's), (200, 7090), (Start: 203 @7096 has 1 MA's), (213, 7123), (241, 7183), (257, 7228), (294, 7315), (311, 7360), (341, 7399), (351, 7447), (390, 7528), (406, 7570), (491, 7657), (511, 7705), (541, 7771),

Gene: Smeagol_11 Start: 6874, Stop: 7845, Start Num: 66

Candidate Starts for Smeagol_11:

(Start: 66 @6874 has 202 MA's), (Start: 77 @6907 has 5 MA's), (Start: 86 @6925 has 111 MA's), (Start: 87 @6928 has 14 MA's), (240, 7195), (257, 7246), (263, 7258), (275, 7294), (296, 7336), (317, 7399), (324, 7411), (333, 7432), (339, 7444), (342, 7462), (346, 7480), (353, 7504), (381, 7543), (431, 7624), (440, 7648), (441, 7651), (442, 7654), (463, 7663), (505, 7750), (527, 7795), (547, 7837),

Gene: Smooch_70 Start: 45157, Stop: 46197, Start Num: 55

Candidate Starts for Smooch_70:

(Start: 55 @45157 has 239 MA's), (82, 45232), (116, 45313), (119, 45319), (Start: 129 @45334 has 1 MA's), (172, 45415), (Start: 174 @45418 has 1 MA's), (207, 45472), (213, 45487), (257, 45583), (272, 45622), (284, 45652), (294, 45682), (295, 45685), (302, 45718), (333, 45784), (344, 45823), (346, 45832), (354, 45859), (381, 45898), (488, 46072), (511, 46123),

Gene: SnapTap_11 Start: 6372, Stop: 7364, Start Num: 84

Candidate Starts for SnapTap_11:

(Start: 84 @6372 has 68 MA's), (Start: 104 @6423 has 1 MA's), (Start: 106 @6426 has 1 MA's), (120, 6459), (131, 6474), (200, 6594), (Start: 203 @6600 has 1 MA's), (241, 6687), (257, 6732), (311, 6864), (341, 6903), (351, 6951), (390, 7032), (406, 7074), (491, 7161), (511, 7209), (541, 7275), (564, 7350),

Gene: Snazzy_8 Start: 5466, Stop: 6434, Start Num: 66

Candidate Starts for Snazzy_8:

(Start: 66 @5466 has 202 MA's), (Start: 77 @5499 has 5 MA's), (Start: 86 @5517 has 111 MA's), (Start: 87 @5520 has 14 MA's), (240, 5787), (257, 5838), (263, 5850), (296, 5925), (317, 5988), (324,

6000), (333, 6021), (339, 6033), (342, 6051), (346, 6069), (353, 6093), (381, 6132), (431, 6213), (440, 6237), (441, 6240), (442, 6243), (463, 6252), (505, 6339), (527, 6384), (547, 6426),

Gene: Snenia_28 Start: 26851, Stop: 27894, Start Num: 74

Candidate Starts for Snenia_28:

(Start: 74 @26851 has 17 MA's), (Start: 76 @26857 has 22 MA's), (Start: 87 @26884 has 14 MA's), (Start: 94 @26905 has 3 MA's), (117, 26956), (163, 27037), (223, 27142), (255, 27223), (257, 27229), (299, 27325), (303, 27343), (305, 27349), (307, 27355), (342, 27427), (368, 27484), (398, 27544), (431, 27619), (439, 27640), (472, 27664), (479, 27679), (486, 27691), (511, 27748), (555, 27850), (559, 27871),

Gene: Snickers_12 Start: 5936, Stop: 6901, Start Num: 59

Candidate Starts for Snickers_12:

(Start: 59 @5936 has 93 MA's), (78, 5981), (Start: 87 @6002 has 14 MA's), (158, 6122), (235, 6260), (257, 6317), (264, 6332), (300, 6413), (305, 6428), (314, 6446), (339, 6497), (342, 6515), (354, 6560), (410, 6656), (441, 6719), (474, 6758), (501, 6809),

Gene: SoSeph_30 Start: 27195, Stop: 28064, Start Num: 189

Candidate Starts for SoSeph_30:

(128, 27093), (159, 27147), (Start: 189 @27195 has 154 MA's), (Start: 203 @27207 has 1 MA's), (206, 27213), (219, 27240), (231, 27270), (234, 27276), (253, 27330), (257, 27339), (263, 27351), (274, 27384), (287, 27417), (302, 27465), (325, 27513), (362, 27597), (405, 27687), (413, 27705), (415, 27708), (444, 27771), (447, 27786), (451, 27810), (481, 27882), (502, 27918), (503, 27921), (511, 27942), (536, 27999), (552, 28035), (555, 28044), (557, 28053),

Gene: SoYo_12 Start: 5873, Stop: 6838, Start Num: 59

Candidate Starts for SoYo_12:

(Start: 59 @5873 has 93 MA's), (78, 5918), (Start: 87 @5939 has 14 MA's), (158, 6059), (235, 6197), (257, 6254), (264, 6269), (300, 6350), (305, 6365), (314, 6383), (339, 6434), (342, 6452), (354, 6497), (410, 6593), (441, 6656), (474, 6695), (501, 6746),

Gene: Soap141_28 Start: 26336, Stop: 27307, Start Num: 76

Candidate Starts for Soap141_28:

(Start: 76 @26336 has 22 MA's), (Start: 97 @26390 has 1 MA's), (154, 26510), (172, 26540), (180, 26555), (Start: 203 @26588 has 1 MA's), (204, 26591), (207, 26600), (219, 26621), (244, 26684), (257, 26711), (266, 26735), (279, 26765), (301, 26816), (305, 26828), (340, 26891), (342, 26906), (361, 26966), (370, 26981), (405, 27062), (413, 27080), (415, 27083), (420, 27086), (484, 27137), (507, 27182), (525, 27224), (547, 27266),

Gene: SoilDragon_12 Start: 5647, Stop: 6612, Start Num: 59

Candidate Starts for SoilDragon_12:

(Start: 59 @5647 has 93 MA's), (78, 5692), (Start: 87 @5713 has 14 MA's), (158, 5833), (235, 5971), (257, 6028), (264, 6043), (300, 6124), (305, 6139), (314, 6157), (339, 6208), (342, 6226), (354, 6271), (410, 6367), (441, 6430), (474, 6469), (501, 6520),

Gene: Solon_10 Start: 6618, Stop: 7586, Start Num: 66

Candidate Starts for Solon_10:

(Start: 66 @6618 has 202 MA's), (Start: 77 @6651 has 5 MA's), (Start: 86 @6669 has 111 MA's), (Start: 87 @6672 has 14 MA's), (240, 6939), (257, 6990), (263, 7002), (296, 7077), (317, 7140), (324, 7152), (333, 7173), (339, 7185), (342, 7203), (346, 7221), (353, 7245), (381, 7284), (431, 7365), (440, 7389), (441, 7392), (442, 7395), (463, 7404), (505, 7491), (527, 7536), (547, 7578),

Gene: SophKB_35 Start: 31857, Stop: 32714, Start Num: 165

Candidate Starts for SophKB_35:

(Start: 165 @31857 has 123 MA's), (185, 31896), (207, 31926), (217, 31947), (233, 31983), (244, 32013), (276, 32088), (296, 32136), (298, 32139), (301, 32163), (302, 32166), (307, 32181), (381, 32352), (435, 32466), (440, 32481), (442, 32487), (478, 32529), (479, 32532), (507, 32586), (539, 32664), (552, 32697),

Gene: Sorpresa_10 Start: 5984, Stop: 6952, Start Num: 66

Candidate Starts for Sorpresa_10:

(Start: 66 @5984 has 202 MA's), (Start: 77 @6017 has 5 MA's), (Start: 86 @6035 has 111 MA's), (Start: 87 @6038 has 14 MA's), (240, 6305), (257, 6356), (263, 6368), (296, 6443), (317, 6506), (333, 6539), (339, 6551), (342, 6569), (346, 6587), (381, 6650), (431, 6731), (440, 6755), (441, 6758), (442, 6761), (463, 6770), (505, 6857), (527, 6902), (547, 6944),

Gene: Soshari_14 Start: 6045, Stop: 7010, Start Num: 59

Candidate Starts for Soshari_14:

(Start: 59 @6045 has 93 MA's), (78, 6090), (Start: 87 @6111 has 14 MA's), (158, 6231), (235, 6369), (257, 6426), (264, 6441), (300, 6522), (305, 6537), (314, 6555), (339, 6606), (342, 6624), (354, 6669), (410, 6765), (441, 6828), (474, 6867), (501, 6918),

Gene: Sotrice96_35 Start: 31812, Stop: 32669, Start Num: 165

Candidate Starts for Sotrice96_35:

(Start: 165 @31812 has 123 MA's), (185, 31851), (207, 31881), (217, 31902), (233, 31938), (244, 31968), (276, 32043), (296, 32091), (298, 32094), (301, 32118), (302, 32121), (307, 32136), (381, 32307), (435, 32421), (440, 32436), (442, 32442), (478, 32484), (479, 32487), (507, 32541), (539, 32619), (552, 32652),

Gene: Soul22_36 Start: 27795, Stop: 28865, Start Num: 113

Candidate Starts for Soul22_36:

(91, 27744), (Start: 113 @27795 has 21 MA's), (Start: 129 @27822 has 1 MA's), (143, 27849), (146, 27858), (179, 27918), (195, 27945), (226, 28011), (245, 28065), (260, 28107), (278, 28158), (323, 28272), (337, 28305), (358, 28380), (369, 28401), (432, 28530), (448, 28602), (472, 28698), (478, 28710), (511, 28779), (537, 28836), (542, 28845),

Gene: Sparkdehlily_31 Start: 27617, Stop: 28618, Start Num: 55

Candidate Starts for Sparkdehlily_31:

(Start: 55 @27617 has 239 MA's), (82, 27692), (95, 27725), (116, 27755), (Start: 129 @27776 has 1 MA's), (145, 27806), (149, 27818), (Start: 174 @27860 has 1 MA's), (188, 27884), (Start: 203 @27899 has 1 MA's), (207, 27911), (257, 28022), (301, 28136), (307, 28154), (328, 28193), (339, 28217), (346, 28253), (381, 28319), (440, 28427), (478, 28475), (485, 28487), (507, 28532), (511, 28544), (527, 28574),

Gene: Spartacus_33 Start: 28027, Stop: 29028, Start Num: 55

Candidate Starts for Spartacus_33:

(Start: 55 @28027 has 239 MA's), (82, 28102), (95, 28135), (116, 28165), (Start: 129 @28186 has 1 MA's), (Start: 174 @28270 has 1 MA's), (207, 28321), (213, 28336), (257, 28432), (300, 28543), (307, 28564), (328, 28603), (333, 28615), (346, 28663), (354, 28690), (366, 28714), (381, 28729), (440, 28837), (478, 28885), (511, 28954), (527, 28984),

Gene: Sparxx_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Sparxx_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Spec_246 Start: 144422, Stop: 145450, Start Num: 49

Candidate Starts for Spec_246:

(Start: 49 @144422 has 167 MA's), (Start: 62 @144452 has 3 MA's), (68, 144464), (82, 144506), (116, 144569), (Start: 129 @144590 has 1 MA's), (Start: 174 @144674 has 1 MA's), (Start: 203 @144716 has 1 MA's), (207, 144728), (213, 144743), (244, 144812), (257, 144839), (278, 144893), (294, 144938), (295, 144941), (323, 145019), (333, 145040), (381, 145151), (434, 145241), (440, 145259), (493, 145331), (507, 145364),

Gene: Specks_257 Start: 145350, Stop: 146378, Start Num: 49

Candidate Starts for Specks_257:

(Start: 49 @145350 has 167 MA's), (Start: 62 @145380 has 3 MA's), (68, 145392), (82, 145434), (116, 145497), (Start: 129 @145518 has 1 MA's), (Start: 174 @145602 has 1 MA's), (Start: 203 @145644 has 1 MA's), (207, 145656), (213, 145671), (244, 145740), (257, 145767), (278, 145821), (294, 145866), (295, 145869), (323, 145947), (333, 145968), (381, 146079), (434, 146169), (440, 146187), (493, 146259), (507, 146292),

Gene: Spike509_12 Start: 6046, Stop: 7011, Start Num: 59

Candidate Starts for Spike509_12:

(Start: 59 @6046 has 93 MA's), (78, 6091), (Start: 87 @6112 has 14 MA's), (158, 6232), (235, 6370), (257, 6427), (264, 6442), (300, 6523), (305, 6538), (314, 6556), (339, 6607), (342, 6625), (354, 6670), (410, 6766), (441, 6829), (474, 6868), (501, 6919),

Gene: SpikeBT_11 Start: 6419, Stop: 7387, Start Num: 66

Candidate Starts for SpikeBT_11:

(Start: 66 @6419 has 202 MA's), (Start: 77 @6452 has 5 MA's), (Start: 86 @6470 has 111 MA's), (Start: 87 @6473 has 14 MA's), (240, 6740), (257, 6791), (263, 6803), (296, 6878), (317, 6941), (324, 6953), (333, 6974), (339, 6986), (342, 7004), (346, 7022), (353, 7046), (381, 7085), (431, 7166), (440, 7190), (441, 7193), (442, 7196), (463, 7205), (505, 7292), (527, 7337), (547, 7379),

Gene: Spikelee_33 Start: 27770, Stop: 28771, Start Num: 55

Candidate Starts for Spikelee_33:

(Start: 55 @27770 has 239 MA's), (82, 27845), (95, 27878), (116, 27908), (Start: 129 @27929 has 1 MA's), (145, 27959), (149, 27971), (Start: 174 @28013 has 1 MA's), (188, 28037), (Start: 203 @28052 has 1 MA's), (207, 28064), (257, 28175), (301, 28289), (307, 28307), (328, 28346), (339, 28370), (346, 28406), (354, 28433), (381, 28472), (440, 28580), (478, 28628), (511, 28697), (527, 28727),

Gene: Spino_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Spino_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Spock_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Spock_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Spoonbill_31 Start: 27781, Stop: 28782, Start Num: 55

Candidate Starts for Spoonbill_31:

(Start: 55 @27781 has 239 MA's), (82, 27856), (95, 27889), (116, 27919), (Start: 129 @27940 has 1 MA's), (145, 27970), (149, 27982), (Start: 174 @28024 has 1 MA's), (188, 28048), (Start: 203 @28063 has 1 MA's), (207, 28075), (257, 28186), (301, 28300), (307, 28318), (328, 28357), (339, 28381), (346, 28417), (381, 28483), (440, 28591), (478, 28639), (485, 28651), (507, 28696), (511, 28708), (527, 28738),

Gene: Sprinklers_250 Start: 144118, Stop: 145146, Start Num: 49

Candidate Starts for Sprinklers_250:

(Start: 49 @144118 has 167 MA's), (Start: 62 @144148 has 3 MA's), (68, 144160), (82, 144202), (116, 144265), (Start: 129 @144286 has 1 MA's), (Start: 174 @144370 has 1 MA's), (Start: 203 @144412 has 1 MA's), (207, 144424), (213, 144439), (244, 144508), (257, 144535), (278, 144589), (294, 144634), (295, 144637), (323, 144715), (333, 144736), (381, 144847), (434, 144937), (440, 144955), (493, 145027), (507, 145060),

Gene: Spud_244 Start: 143867, Stop: 144895, Start Num: 49

Candidate Starts for Spud_244:

(Start: 49 @143867 has 167 MA's), (Start: 62 @143897 has 3 MA's), (68, 143909), (82, 143951), (116, 144014), (Start: 129 @144035 has 1 MA's), (Start: 174 @144119 has 1 MA's), (Start: 203 @144161 has 1 MA's), (207, 144173), (213, 144188), (244, 144257), (257, 144284), (278, 144338), (294, 144383), (295, 144386), (323, 144464), (333, 144485), (381, 144596), (434, 144686), (440, 144704), (493, 144776), (507, 144809),

Gene: Squee_10 Start: 6125, Stop: 7093, Start Num: 66

Candidate Starts for Squee_10:

(Start: 66 @6125 has 202 MA's), (Start: 77 @6158 has 5 MA's), (Start: 86 @6176 has 111 MA's), (Start: 87 @6179 has 14 MA's), (240, 6446), (257, 6497), (263, 6509), (296, 6584), (317, 6647), (333, 6680), (342, 6710), (381, 6791), (431, 6872), (440, 6896), (441, 6899), (442, 6902), (463, 6911), (505, 6998), (547, 7085),

Gene: Squint_47 Start: 39016, Stop: 40020, Start Num: 73

Candidate Starts for Squint_47:

(Start: 73 @39016 has 10 MA's), (92, 39070), (115, 39121), (157, 39193), (207, 39268), (257, 39382), (263, 39394), (274, 39427), (301, 39496), (305, 39508), (310, 39520), (312, 39523), (339, 39568), (342, 39586), (405, 39748), (412, 39763), (417, 39772), (552, 39973),

Gene: SrishMeg2525_250 Start: 145505, Stop: 146533, Start Num: 49

Candidate Starts for SrishMeg2525_250:

(Start: 49 @145505 has 167 MA's), (Start: 62 @145535 has 3 MA's), (68, 145547), (82, 145589), (116, 145652), (Start: 129 @145673 has 1 MA's), (Start: 174 @145757 has 1 MA's), (Start: 203 @145799 has 1 MA's), (207, 145811), (213, 145826), (244, 145895), (257, 145922), (278, 145976), (294, 146021), (295, 146024), (323, 146102), (333, 146123), (381, 146234), (434, 146324), (440, 146342), (493, 146414), (507, 146447),

Gene: StAnnes_30 Start: 27994, Stop: 29064, Start Num: 113

Candidate Starts for StAnnes_30:

(91, 27943), (Start: 113 @27994 has 21 MA's), (Start: 129 @28021 has 1 MA's), (143, 28048), (146, 28057), (179, 28117), (195, 28144), (226, 28210), (245, 28264), (260, 28306), (278, 28357), (323, 28471), (337, 28504), (358, 28579), (369, 28600), (432, 28729), (448, 28801), (472, 28897), (478, 28909), (511, 28978), (537, 29035), (542, 29044),

Gene: Stagni_12 Start: 5964, Stop: 6929, Start Num: 59

Candidate Starts for Stagni_12:

(Start: 59 @5964 has 93 MA's), (78, 6009), (Start: 87 @6030 has 14 MA's), (158, 6150), (235, 6288), (257, 6345), (264, 6360), (300, 6441), (305, 6456), (314, 6474), (339, 6525), (342, 6543), (354, 6588), (410, 6684), (441, 6747), (474, 6786), (501, 6837),

Gene: Stank_38 Start: 32364, Stop: 33221, Start Num: 165

Candidate Starts for Stank_38:

(Start: 165 @32364 has 123 MA's), (185, 32403), (207, 32433), (217, 32454), (233, 32490), (244, 32520), (276, 32595), (296, 32643), (298, 32646), (301, 32670), (302, 32673), (307, 32688), (381, 32859), (435, 32973), (440, 32988), (442, 32994), (478, 33036), (479, 33039), (507, 33093), (539, 33171), (552, 33204),

Gene: Stap_32 Start: 27675, Stop: 28676, Start Num: 55

Candidate Starts for Stap_32:

(35, 27576), (Start: 55 @27675 has 239 MA's), (82, 27750), (116, 27813), (119, 27819), (Start: 129 @27834 has 1 MA's), (152, 27882), (Start: 174 @27918 has 1 MA's), (Start: 203 @27957 has 1 MA's), (204, 27960), (207, 27969), (213, 27984), (242, 28041), (257, 28080), (300, 28191), (328, 28251), (333, 28263), (346, 28311), (354, 28338), (381, 28377), (440, 28485), (478, 28533), (511, 28602), (527, 28632),

Gene: StarStuff_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for StarStuff_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: Starcevich_35 Start: 28400, Stop: 29401, Start Num: 55

Candidate Starts for Starcevich_35:

(Start: 55 @28400 has 239 MA's), (Start: 62 @28421 has 3 MA's), (68, 28433), (82, 28475), (116, 28538), (Start: 129 @28559 has 1 MA's), (145, 28589), (Start: 174 @28643 has 1 MA's), (188, 28667), (Start: 203 @28682 has 1 MA's), (207, 28694), (257, 28805), (301, 28919), (307, 28937), (328, 28976), (339, 29000), (346, 29036), (354, 29063), (381, 29102), (440, 29210), (478, 29258), (485, 29270), (507, 29315), (511, 29327), (527, 29357),

Gene: Stark_36 Start: 31616, Stop: 32473, Start Num: 165

Candidate Starts for Stark_36:

(Start: 165 @31616 has 123 MA's), (185, 31655), (207, 31685), (217, 31706), (233, 31742), (244, 31772), (276, 31847), (296, 31895), (298, 31898), (301, 31922), (302, 31925), (307, 31940), (381, 32111), (435, 32225), (440, 32240), (442, 32246), (478, 32288), (479, 32291), (507, 32345), (539, 32423), (552, 32456),

Gene: Stasia_11 Start: 6326, Stop: 7306, Start Num: 86

Candidate Starts for Stasia_11:

(Start: 86 @6326 has 111 MA's), (Start: 87 @6329 has 14 MA's), (95, 6353), (Start: 104 @6374 has 1 MA's), (Start: 106 @6377 has 1 MA's), (234, 6626), (257, 6683), (263, 6695), (297, 6767), (311, 6815), (342, 6872), (405, 7022), (502, 7133), (511, 7157), (545, 7223), (552, 7244), (560, 7277),

Gene: StellaBean_35 Start: 31857, Stop: 32714, Start Num: 165

Candidate Starts for StellaBean_35:

(Start: 165 @31857 has 123 MA's), (185, 31896), (207, 31926), (217, 31947), (233, 31983), (244, 32013), (276, 32088), (296, 32136), (298, 32139), (301, 32163), (302, 32166), (307, 32181), (381, 32352), (435, 32466), (440, 32481), (442, 32487), (478, 32529), (479, 32532), (507, 32586), (539, 32664), (552, 32697),

Gene: StepMih_12 Start: 5955, Stop: 6920, Start Num: 59

Candidate Starts for StepMih_12:

(Start: 59 @5955 has 93 MA's), (78, 6000), (Start: 87 @6021 has 14 MA's), (158, 6141), (235, 6279), (257, 6336), (264, 6351), (300, 6432), (305, 6447), (314, 6465), (339, 6516), (342, 6534), (354, 6579), (410, 6675), (441, 6738), (474, 6777), (501, 6828),

Gene: StephanieG_246 Start: 145053, Stop: 146081, Start Num: 49

Candidate Starts for StephanieG_246:

(Start: 49 @145053 has 167 MA's), (Start: 62 @145083 has 3 MA's), (68, 145095), (82, 145137), (116, 145200), (Start: 129 @145221 has 1 MA's), (Start: 174 @145305 has 1 MA's), (Start: 203 @145347 has 1 MA's), (207, 145359), (213, 145374), (244, 145443), (257, 145470), (278, 145524), (294, 145569), (295, 145572), (323, 145650), (333, 145671), (381, 145782), (434, 145872), (440, 145890), (493, 145962), (507, 145995),

Gene: Stephig9_8 Start: 4838, Stop: 5647, Start Num: 137

Candidate Starts for Stephig9_8:

(Start: 137 @4838 has 50 MA's), (182, 4922), (209, 4967), (235, 5027), (259, 5093), (356, 5327), (366, 5345), (379, 5366), (391, 5384), (404, 5417), (411, 5435), (456, 5480), (476, 5504), (534, 5633),

Gene: StewieG_9 Start: 5834, Stop: 6802, Start Num: 66

Candidate Starts for StewieG_9:

(Start: 66 @5834 has 202 MA's), (Start: 77 @5867 has 5 MA's), (Start: 86 @5885 has 111 MA's), (Start: 87 @5888 has 14 MA's), (240, 6155), (257, 6206), (263, 6218), (296, 6293), (317, 6356), (324, 6368), (333, 6389), (339, 6401), (342, 6419), (346, 6437), (353, 6461), (381, 6500), (431, 6581), (440, 6605), (441, 6608), (442, 6611), (463, 6620), (505, 6707), (547, 6794),

Gene: Stink_10 Start: 5846, Stop: 6826, Start Num: 86

Candidate Starts for Stink_10:

(Start: 86 @5846 has 111 MA's), (95, 5873), (Start: 104 @5894 has 1 MA's), (Start: 106 @5897 has 1 MA's), (234, 6146), (257, 6203), (263, 6215), (282, 6266), (297, 6287), (311, 6335), (342, 6392), (405, 6542), (507, 6665), (511, 6677), (545, 6743), (565, 6818),

Gene: Stinson_32 Start: 26696, Stop: 27568, Start Num: 189

Candidate Starts for Stinson_32:

(169, 26669), (Start: 189 @26696 has 154 MA's), (Start: 203 @26708 has 1 MA's), (234, 26777), (244, 26804), (253, 26834), (257, 26843), (271, 26879), (274, 26888), (287, 26921), (294, 26939), (334, 27029), (397, 27164), (405, 27191), (415, 27212), (430, 27236), (447, 27287), (481, 27389), (502, 27425), (511, 27449), (555, 27548), (557, 27557),

Gene: StolenFromERC_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for StolenFromERC_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: Strobilo_29 Start: 24780, Stop: 25982, Start Num: 71

Candidate Starts for Strobilo_29:

(56, 24738), (Start: 71 @24780 has 10 MA's), (80, 24807), (90, 24828), (103, 24864), (111, 24885), (126, 24912), (158, 24972), (178, 25008), (Start: 203 @25041 has 1 MA's), (204, 25044), (219, 25074), (244, 25140), (257, 25179), (292, 25257), (306, 25302), (339, 25359), (342, 25377), (405, 25542), (415, 25563), (428, 25584), (452, 25689), (457, 25704), (478, 25773), (507, 25830), (543, 25911),

Gene: Strokeseat_32 Start: 28331, Stop: 29347, Start Num: 55

Candidate Starts for Strokeseat_32:

(17, 28013), (18, 28019), (21, 28031), (Start: 23 @28043 has 1 MA's), (24, 28055), (Start: 55 @28331 has 239 MA's), (Start: 107 @28463 has 3 MA's), (116, 28484), (Start: 129 @28505 has 1 MA's), (145, 28535), (149, 28547), (Start: 174 @28589 has 1 MA's), (188, 28613), (Start: 203 @28628 has 1 MA's), (207, 28640), (213, 28655), (257, 28751), (300, 28862), (307, 28883), (328, 28922), (333, 28934), (346, 28982), (354, 29009), (366, 29033), (381, 29048), (440, 29156), (478, 29204), (511, 29273), (527, 29303),

Gene: StrongArm_9 Start: 5686, Stop: 6654, Start Num: 66

Candidate Starts for StrongArm_9:

(Start: 66 @5686 has 202 MA's), (Start: 77 @5719 has 5 MA's), (Start: 86 @5737 has 111 MA's), (Start: 87 @5740 has 14 MA's), (240, 6007), (257, 6058), (263, 6070), (296, 6145), (317, 6208), (333, 6241), (339, 6253), (342, 6271), (346, 6289), (381, 6352), (431, 6433), (440, 6457), (441, 6460), (442, 6463), (463, 6472), (505, 6559), (547, 6646),

Gene: Stubby_235 Start: 141838, Stop: 142866, Start Num: 49

Candidate Starts for Stubby_235:

(Start: 49 @141838 has 167 MA's), (Start: 62 @141868 has 3 MA's), (82, 141922), (116, 141985), (Start: 129 @142006 has 1 MA's), (Start: 174 @142090 has 1 MA's), (Start: 203 @142132 has 1 MA's), (207, 142144), (213, 142159), (244, 142228), (257, 142255), (278, 142309), (294, 142354), (295, 142357), (323, 142435), (333, 142456), (381, 142567), (434, 142657), (440, 142675), (493, 142747), (507, 142780),

Gene: StubbySaigey_259 Start: 145035, Stop: 146063, Start Num: 49

Candidate Starts for StubbySaigey_259:

(Start: 49 @145035 has 167 MA's), (Start: 62 @145065 has 3 MA's), (68, 145077), (82, 145119), (116, 145182), (Start: 129 @145203 has 1 MA's), (Start: 174 @145287 has 1 MA's), (Start: 203 @145329 has 1 MA's), (207, 145341), (213, 145356), (244, 145425), (257, 145452), (278, 145506), (294, 145551), (295, 145554), (323, 145632), (333, 145653), (381, 145764), (434, 145854), (440, 145872), (493, 145944), (507, 145977),

Gene: Sulley_31 Start: 26427, Stop: 27299, Start Num: 189

Candidate Starts for Sulley_31:

(40, 26097), (128, 26325), (169, 26400), (Start: 189 @26427 has 154 MA's), (Start: 203 @26439 has 1 MA's), (234, 26508), (244, 26535), (253, 26565), (257, 26574), (271, 26610), (274, 26619), (287, 26652), (294, 26670), (302, 26700), (334, 26760), (397, 26895), (405, 26922), (415, 26943), (430, 26967), (447, 27018), (481, 27120), (502, 27156), (511, 27180), (555, 27279), (557, 27288),

Gene: Sumter_9 Start: 5577, Stop: 6545, Start Num: 66

Candidate Starts for Sumter_9:

(Start: 66 @5577 has 202 MA's), (Start: 77 @5610 has 5 MA's), (Start: 86 @5628 has 111 MA's), (Start: 87 @5631 has 14 MA's), (240, 5898), (257, 5949), (263, 5961), (296, 6036), (317, 6099), (324, 6111), (333, 6132), (339, 6144), (342, 6162), (346, 6180), (353, 6204), (381, 6243), (431, 6324), (440, 6348), (441, 6351), (442, 6354), (463, 6363), (505, 6450), (527, 6495), (547, 6537),

Gene: Sunflower1121_30 Start: 25725, Stop: 26468, Start Num: 189

Candidate Starts for Sunflower1121_30:

(128, 25623), (Start: 138 @25644 has 3 MA's), (159, 25677), (169, 25698), (Start: 189 @25725 has 154 MA's), (215, 25767), (219, 25773), (234, 25809), (253, 25857), (257, 25866), (271, 25902), (287, 25944), (334, 26052), (397, 26187), (401, 26202), (405, 26214), (415, 26235), (437, 26250), (451, 26259), (474, 26271), (507, 26337), (543, 26418), (552, 26439), (555, 26448),

Gene: Sunshine924_9 Start: 5560, Stop: 6528, Start Num: 66

Candidate Starts for Sunshine924_9:

(Start: 66 @5560 has 202 MA's), (Start: 77 @5593 has 5 MA's), (Start: 86 @5611 has 111 MA's), (Start: 87 @5614 has 14 MA's), (240, 5881), (257, 5932), (263, 5944), (296, 6019), (317, 6082), (333, 6115), (339, 6127), (342, 6145), (346, 6163), (353, 6187), (381, 6226), (431, 6307), (440, 6331), (441, 6334), (442, 6337), (463, 6346), (505, 6433), (547, 6520),

Gene: SuperGrey_32 Start: 28493, Stop: 29494, Start Num: 55

Candidate Starts for SuperGrey_32:

(Start: 55 @28493 has 239 MA's), (82, 28568), (95, 28601), (116, 28631), (Start: 129 @28652 has 1 MA's), (Start: 174 @28736 has 1 MA's), (207, 28787), (213, 28802), (257, 28898), (300, 29009), (307, 29030), (328, 29069), (333, 29081), (346, 29129), (354, 29156), (366, 29180), (381, 29195), (440, 29303), (478, 29351), (511, 29420), (527, 29450),

Gene: Superphikiman_48 Start: 39088, Stop: 40092, Start Num: 73

Candidate Starts for Superphikiman_48:

(Start: 73 @39088 has 10 MA's), (92, 39142), (115, 39193), (157, 39265), (207, 39340), (257, 39454), (263, 39466), (274, 39499), (301, 39568), (305, 39580), (310, 39592), (312, 39595), (339, 39640), (342, 39658), (405, 39820), (412, 39835), (417, 39844), (552, 40045),

Gene: SwagPigglett_31 Start: 27510, Stop: 28511, Start Num: 55

Candidate Starts for SwagPigglett_31:

(Start: 55 @27510 has 239 MA's), (Start: 62 @27531 has 3 MA's), (68, 27543), (82, 27585), (116, 27648), (Start: 129 @27669 has 1 MA's), (145, 27699), (Start: 174 @27753 has 1 MA's), (188, 27777), (Start: 203 @27792 has 1 MA's), (207, 27804), (257, 27915), (301, 28029), (307, 28047), (328, 28086), (339, 28110), (346, 28146), (354, 28173), (381, 28212), (410, 28260), (440, 28320), (485, 28380), (511, 28437), (527, 28467),

Gene: SweetiePie_11 Start: 6372, Stop: 7364, Start Num: 84

Candidate Starts for SweetiePie_11:

(Start: 84 @6372 has 68 MA's), (Start: 104 @6423 has 1 MA's), (Start: 106 @6426 has 1 MA's), (120, 6459), (131, 6474), (200, 6594), (Start: 203 @6600 has 1 MA's), (241, 6687), (257, 6732), (311, 6864), (341, 6903), (351, 6951), (390, 7032), (406, 7074), (491, 7161), (511, 7209), (541, 7275), (564, 7350),

Gene: Swirley_8 Start: 5325, Stop: 6134, Start Num: 137

Candidate Starts for Swirley_8:

(Start: 137 @5325 has 50 MA's), (169, 5388), (175, 5397), (209, 5454), (230, 5502), (261, 5583), (343, 5772), (356, 5814), (391, 5871), (407, 5913), (534, 6120),

Gene: SwissCheese_10 Start: 6022, Stop: 6990, Start Num: 66

Candidate Starts for SwissCheese_10:

(Start: 66 @6022 has 202 MA's), (Start: 77 @6055 has 5 MA's), (Start: 86 @6073 has 111 MA's), (Start: 87 @6076 has 14 MA's), (240, 6343), (257, 6394), (263, 6406), (296, 6481), (317, 6544), (333, 6577), (339, 6589), (342, 6607), (346, 6625), (353, 6649), (381, 6688), (431, 6769), (440, 6793), (441, 6796), (442, 6799), (463, 6808), (505, 6895), (527, 6940), (547, 6982),

Gene: Switzer_10 Start: 5607, Stop: 6575, Start Num: 66

Candidate Starts for Switzer_10:

(Start: 66 @5607 has 202 MA's), (Start: 77 @5640 has 5 MA's), (Start: 86 @5658 has 111 MA's), (Start: 87 @5661 has 14 MA's), (240, 5928), (257, 5979), (263, 5991), (296, 6066), (317, 6129), (324, 6141), (333, 6162), (339, 6174), (342, 6192), (346, 6210), (353, 6234), (381, 6273), (431, 6354), (440, 6378), (441, 6381), (442, 6384), (463, 6393), (498, 6459), (505, 6480), (547, 6567),

Gene: Swole_12 Start: 6545, Stop: 7459, Start Num: 87

Candidate Starts for Swole_12:

(Start: 66 @6491 has 202 MA's), (Start: 77 @6524 has 5 MA's), (Start: 86 @6542 has 111 MA's), (Start: 87 @6545 has 14 MA's), (240, 6812), (257, 6863), (263, 6875), (296, 6950), (317, 7013), (324, 7025), (333, 7046), (342, 7076), (346, 7094), (353, 7118), (381, 7157), (431, 7238), (440, 7262), (441, 7265), (442, 7268), (463, 7277), (505, 7364), (527, 7409), (547, 7451),

Gene: SydNat_8 Start: 5432, Stop: 6241, Start Num: 137

Candidate Starts for SydNat_8:

(Start: 137 @5432 has 50 MA's), (169, 5495), (175, 5504), (209, 5561), (230, 5609), (250, 5666), (261, 5690), (343, 5879), (356, 5921), (391, 5978), (534, 6227),

Gene: SynergyX_47 Start: 41537, Stop: 42601, Start Num: 102

Candidate Starts for SynergyX_47:

(Start: 102 @41537 has 45 MA's), (134, 41600), (179, 41681), (212, 41747), (222, 41762), (226, 41774), (237, 41801), (256, 41858), (260, 41867), (323, 42014), (332, 42029), (349, 42083), (366, 42116), (388, 42155), (396, 42167), (432, 42248), (442, 42266), (443, 42269), (448, 42314), (478, 42425), (529, 42536), (540, 42557), (553, 42590),

Gene: Syra333_31 Start: 25735, Stop: 26478, Start Num: 189

Candidate Starts for Syra333_31:

(169, 25708), (Start: 189 @25735 has 154 MA's), (215, 25777), (219, 25783), (234, 25819), (253, 25867), (257, 25876), (271, 25912), (287, 25954), (334, 26062), (397, 26197), (401, 26212), (405, 26224), (415, 26245), (437, 26260), (451, 26269), (474, 26281), (543, 26428), (552, 26449), (555, 26458),

Gene: TBond007_31 Start: 26937, Stop: 27725, Start Num: 189

Candidate Starts for TBond007_31:

(169, 26913), (Start: 189 @26937 has 154 MA's), (219, 26982), (234, 27018), (253, 27075), (257, 27084), (271, 27120), (294, 27174), (300, 27198), (362, 27339), (397, 27402), (405, 27444), (415, 27465), (420, 27471), (430, 27489), (478, 27519), (511, 27588), (545, 27660), (555, 27690),

Gene: TBrady12_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for TBrady12_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: TChen_31 Start: 28122, Stop: 29198, Start Num: 113

Candidate Starts for TChen_31:

(Start: 113 @28122 has 21 MA's), (Start: 129 @28149 has 1 MA's), (144, 28179), (146, 28185), (188, 28260), (195, 28272), (205, 28290), (229, 28347), (256, 28425), (260, 28434), (278, 28485), (298, 28527), (301, 28551), (304, 28560), (323, 28602), (337, 28635), (349, 28692), (351, 28695), (358, 28710), (364, 28722), (375, 28743), (381, 28755), (396, 28779), (432, 28860), (441, 28884), (448, 28935), (465, 29013), (478, 29043), (479, 29046), (503, 29091), (511, 29112), (542, 29178),

Gene: TClif_32 Start: 26185, Stop: 27048, Start Num: 191

Candidate Starts for TClif_32:

(128, 26083), (Start: 138 @26104 has 3 MA's), (159, 26137), (169, 26158), (Start: 191 @26185 has 3 MA's), (Start: 203 @26197 has 1 MA's), (219, 26230), (234, 26266), (253, 26314), (257, 26323), (274, 26368), (287, 26401), (323, 26494), (334, 26509), (397, 26644), (405, 26671), (415, 26692), (430, 26716), (438, 26737), (479, 26863), (481, 26869), (503, 26908), (555, 27028), (557, 27037),

Gene: TDanisky_31 Start: 27617, Stop: 28618, Start Num: 55

Candidate Starts for TDanisky_31:

(Start: 55 @27617 has 239 MA's), (82, 27692), (95, 27725), (116, 27755), (Start: 129 @27776 has 1 MA's), (145, 27806), (149, 27818), (Start: 174 @27860 has 1 MA's), (188, 27884), (Start: 203 @27899 has 1 MA's), (207, 27911), (257, 28022), (301, 28136), (307, 28154), (328, 28193), (339, 28217), (346, 28253), (381, 28319), (440, 28427), (478, 28475), (485, 28487), (507, 28532), (511, 28544), (527, 28574),

Gene: TM4_30 Start: 24984, Stop: 26186, Start Num: 71

Candidate Starts for TM4_30:

(36, 24861), (38, 24882), (56, 24945), (Start: 71 @24984 has 10 MA's), (80, 25011), (90, 25032), (103, 25068), (126, 25113), (178, 25209), (Start: 203 @25242 has 1 MA's), (204, 25245), (219, 25275), (244, 25341), (257, 25380), (292, 25458), (306, 25503), (342, 25578), (368, 25650), (405, 25743), (415, 25764), (428, 25785), (430, 25788), (452, 25902), (457, 25917), (478, 25977), (507, 26034), (543, 26115),

Gene: TNguyen7_10 Start: 5709, Stop: 6449, Start Num: 189

Candidate Starts for TNguyen7_10:

(98, 5592), (Start: 189 @5709 has 154 MA's), (235, 5796), (257, 5853), (263, 5865), (264, 5868), (272, 5892), (285, 5907), (290, 5925), (300, 5955), (302, 5961), (305, 5970), (314, 5988), (339, 6039), (342, 6057), (368, 6129), (399, 6171), (410, 6198), (426, 6225), (440, 6258), (441, 6261), (474, 6300), (549, 6441),

Gene: Tachez_31 Start: 26423, Stop: 27295, Start Num: 189

Candidate Starts for Tachez_31:

(169, 26396), (Start: 189 @26423 has 154 MA's), (Start: 203 @26435 has 1 MA's), (234, 26504), (244, 26531), (253, 26561), (257, 26570), (271, 26606), (274, 26615), (287, 26648), (294, 26666), (302, 26696), (333, 26753), (334, 26756), (397, 26891), (405, 26918), (415, 26939), (430, 26963), (447, 27014), (481, 27116), (502, 27152), (511, 27176), (555, 27275), (557, 27284),

Gene: Tainan_252 Start: 143973, Stop: 145001, Start Num: 49

Candidate Starts for Tainan_252:

(Start: 49 @143973 has 167 MA's), (Start: 62 @144003 has 3 MA's), (68, 144015), (82, 144057), (116, 144120), (Start: 129 @144141 has 1 MA's), (Start: 174 @144225 has 1 MA's), (Start: 203 @144267 has 1 MA's), (207, 144279), (213, 144294), (244, 144363), (257, 144390), (278, 144444), (294, 144489), (295, 144492), (323, 144570), (333, 144591), (381, 144702), (434, 144792), (440, 144810), (493, 144882), (507, 144915),

Gene: TaiwanKao_32 Start: 26427, Stop: 27299, Start Num: 189

Candidate Starts for TaiwanKao_32:

(169, 26400), (Start: 189 @26427 has 154 MA's), (Start: 203 @26439 has 1 MA's), (234, 26508), (244, 26535), (253, 26565), (257, 26574), (271, 26610), (274, 26619), (287, 26652), (294, 26670), (334, 26760), (397, 26895), (405, 26922), (415, 26943), (430, 26967), (447, 27018), (460, 27069), (481, 27120), (502, 27156), (511, 27180), (555, 27279), (557, 27288),

Gene: Taj_31 Start: 27685, Stop: 28683, Start Num: 55

Candidate Starts for Taj_31:

(Start: 55 @27685 has 239 MA's), (82, 27760), (116, 27820), (Start: 129 @27841 has 1 MA's), (Start: 174 @27925 has 1 MA's), (207, 27976), (213, 27991), (257, 28087), (300, 28198), (307, 28219), (328, 28258), (333, 28270), (346, 28318), (354, 28345), (366, 28369), (381, 28384), (440, 28492), (478, 28540), (511, 28609), (527, 28639),

Gene: Taquarus_10 Start: 5884, Stop: 6864, Start Num: 86

Candidate Starts for Taquarus_10:

(Start: 86 @5884 has 111 MA's), (Start: 87 @5887 has 14 MA's), (95, 5911), (Start: 104 @5932 has 1 MA's), (Start: 106 @5935 has 1 MA's), (234, 6184), (257, 6241), (282, 6304), (297, 6325), (300, 6346), (311, 6373), (334, 6403), (342, 6430), (405, 6580), (502, 6691), (507, 6703), (511, 6715), (545, 6781),

Gene: Taquito_32 Start: 28079, Stop: 28870, Start Num: 173

Candidate Starts for Taquito_32:

(Start: 173 @28079 has 20 MA's), (Start: 203 @28112 has 1 MA's), (219, 28145), (229, 28169), (239, 28190), (243, 28199), (251, 28229), (253, 28238), (257, 28247), (271, 28283), (304, 28364), (397, 28571), (405, 28598), (415, 28619), (424, 28634), (430, 28643), (479, 28667), (507, 28721), (511, 28733), (545, 28805),

Gene: Target_11 Start: 6279, Stop: 7247, Start Num: 66

Candidate Starts for Target_11:

(Start: 66 @6279 has 202 MA's), (Start: 77 @6312 has 5 MA's), (Start: 86 @6330 has 111 MA's), (Start: 87 @6333 has 14 MA's), (240, 6600), (257, 6651), (263, 6663), (296, 6738), (317, 6801), (329, 6825), (342, 6864), (346, 6882), (381, 6945), (431, 7026), (440, 7050), (441, 7053), (442, 7056), (463, 7065), (505, 7152),

Gene: Tarkin_37 Start: 32847, Stop: 33704, Start Num: 165

Candidate Starts for Tarkin_37:

(Start: 165 @32847 has 123 MA's), (185, 32886), (207, 32916), (217, 32937), (233, 32973), (244, 33003), (276, 33078), (296, 33126), (298, 33129), (301, 33153), (302, 33156), (307, 33171), (381, 33342), (435, 33456), (440, 33471), (442, 33477), (478, 33519), (479, 33522), (507, 33576), (539, 33654), (552, 33687),

Gene: TarsusIV_11 Start: 6440, Stop: 7432, Start Num: 84

Candidate Starts for TarsusIV_11:

(Start: 84 @6440 has 68 MA's), (Start: 106 @6494 has 1 MA's), (179, 6629), (200, 6662), (Start: 203 @6668 has 1 MA's), (213, 6695), (241, 6755), (257, 6800), (266, 6824), (311, 6932), (341, 6971), (351, 7019), (390, 7100), (392, 7103), (406, 7142), (491, 7229), (541, 7343), (564, 7418),

Gene: Tarynearal_7 Start: 5352, Stop: 6161, Start Num: 137

Candidate Starts for Tarynearal_7:

(Start: 137 @5352 has 50 MA's), (169, 5415), (175, 5424), (209, 5481), (230, 5529), (261, 5610), (343, 5799), (356, 5841), (391, 5898), (407, 5940), (534, 6147),

Gene: Tasp14_11 Start: 6262, Stop: 7230, Start Num: 66

Candidate Starts for Tasp14_11:

(Start: 66 @6262 has 202 MA's), (Start: 77 @6295 has 5 MA's), (Start: 86 @6313 has 111 MA's), (Start: 87 @6316 has 14 MA's), (240, 6583), (257, 6634), (263, 6646), (296, 6721), (317, 6784), (333, 6817), (339, 6829), (342, 6847), (346, 6865), (353, 6889), (381, 6928), (431, 7009), (440, 7033), (441, 7036), (442, 7039), (463, 7048), (505, 7135), (527, 7180), (547, 7222),

Gene: Taurus_12 Start: 5960, Stop: 6925, Start Num: 59

Candidate Starts for Taurus_12:

(Start: 59 @5960 has 93 MA's), (78, 6005), (Start: 87 @6026 has 14 MA's), (158, 6146), (257, 6341), (264, 6356), (300, 6437), (305, 6452), (314, 6470), (339, 6521), (342, 6539), (354, 6584), (410, 6680), (441, 6743), (474, 6782), (501, 6833),

Gene: Teardrop_251 Start: 144362, Stop: 145390, Start Num: 49

Candidate Starts for Teardrop_251:

(Start: 49 @144362 has 167 MA's), (Start: 62 @144392 has 3 MA's), (68, 144404), (82, 144446), (116, 144509), (Start: 129 @144530 has 1 MA's), (Start: 174 @144614 has 1 MA's), (Start: 203 @144656 has 1 MA's), (207, 144668), (213, 144683), (244, 144752), (257, 144779), (278, 144833), (294, 144878), (295, 144881), (323, 144959), (333, 144980), (381, 145091), (434, 145181), (440, 145199), (493, 145271), (507, 145304),

Gene: TeardropMSU_34 Start: 31758, Stop: 32615, Start Num: 165

Candidate Starts for TeardropMSU_34:

(Start: 165 @31758 has 123 MA's), (185, 31797), (207, 31827), (217, 31848), (233, 31884), (244, 31914), (276, 31989), (296, 32037), (298, 32040), (301, 32064), (302, 32067), (307, 32082), (381, 32253), (435, 32367), (440, 32382), (442, 32388), (478, 32430), (479, 32433), (507, 32487), (539, 32565), (552, 32598),

Gene: Teaspoon_36 Start: 31811, Stop: 32668, Start Num: 165

Candidate Starts for Teaspoon_36:

(Start: 165 @31811 has 123 MA's), (185, 31850), (207, 31880), (217, 31901), (233, 31937), (244, 31967), (276, 32042), (296, 32090), (298, 32093), (301, 32117), (302, 32120), (307, 32135), (381, 32306), (435, 32420), (440, 32435), (442, 32441), (478, 32483), (479, 32486), (507, 32540), (539, 32618), (552, 32651),

Gene: TelAviv_64 Start: 43386, Stop: 44426, Start Num: 55

Candidate Starts for TelAviv_64:

(Start: 55 @43386 has 239 MA's), (82, 43461), (116, 43542), (119, 43548), (Start: 129 @43563 has 1 MA's), (172, 43644), (Start: 174 @43647 has 1 MA's), (207, 43701), (213, 43716), (257, 43812), (272, 43851), (284, 43881), (294, 43911), (295, 43914), (302, 43947), (333, 44013), (346, 44061), (354, 44088), (381, 44127), (488, 44301), (511, 44352),

Gene: Teodoridan_8 Start: 5393, Stop: 6361, Start Num: 66

Candidate Starts for Teodoridan_8:

(Start: 66 @5393 has 202 MA's), (Start: 77 @5426 has 5 MA's), (Start: 86 @5444 has 111 MA's), (Start: 87 @5447 has 14 MA's), (240, 5714), (257, 5765), (263, 5777), (296, 5852), (317, 5915), (329, 5939), (342, 5978), (346, 5996), (381, 6059), (431, 6140), (440, 6164), (441, 6167), (442, 6170), (463, 6179), (505, 6266), (547, 6353),

Gene: Terminus_35 Start: 31945, Stop: 32802, Start Num: 165

Candidate Starts for Terminus_35:

(Start: 165 @31945 has 123 MA's), (185, 31984), (207, 32014), (217, 32035), (233, 32071), (244, 32101), (276, 32176), (296, 32224), (298, 32227), (301, 32251), (302, 32254), (307, 32269), (381, 32440), (435, 32554), (440, 32569), (442, 32575), (478, 32617), (479, 32620), (507, 32674), (539, 32752), (552, 32785),

Gene: Texage_10 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Texage_10:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Thanksgivukkah_10 Start: 5886, Stop: 6866, Start Num: 86

Candidate Starts for Thanksgivukkah_10:

(Start: 86 @5886 has 111 MA's), (Start: 87 @5889 has 14 MA's), (95, 5913), (Start: 104 @5934 has 1 MA's), (Start: 106 @5937 has 1 MA's), (234, 6186), (257, 6243), (282, 6306), (297, 6327), (300, 6348), (311, 6375), (334, 6405), (342, 6432), (405, 6582), (502, 6693), (507, 6705), (511, 6717), (545, 6783),

Gene: Theia_7 Start: 5291, Stop: 6100, Start Num: 137

Candidate Starts for Theia_7:

(Start: 137 @5291 has 50 MA's), (169, 5354), (175, 5363), (209, 5420), (230, 5468), (343, 5738), (356, 5780), (391, 5837), (407, 5879), (534, 6086),

Gene: TheloniousMonk_11 Start: 6506, Stop: 7474, Start Num: 66

Candidate Starts for TheloniousMonk_11:

(Start: 66 @6506 has 202 MA's), (Start: 77 @6539 has 5 MA's), (Start: 86 @6557 has 111 MA's), (Start: 87 @6560 has 14 MA's), (240, 6827), (257, 6878), (263, 6890), (296, 6965), (317, 7028), (324, 7040), (333, 7061), (339, 7073), (342, 7091), (346, 7109), (353, 7133), (381, 7172), (431, 7253), (440, 7277), (441, 7280), (442, 7283), (463, 7292), (505, 7379),

Gene: ThetaBob_30 Start: 27001, Stop: 28077, Start Num: 113

Candidate Starts for ThetaBob_30:

(16, 26533), (20, 26548), (33, 26740), (Start: 73 @26902 has 10 MA's), (Start: 113 @27001 has 21 MA's), (Start: 129 @27028 has 1 MA's), (144, 27058), (195, 27151), (201, 27160), (205, 27169), (229, 27226), (240, 27250), (241, 27253), (245, 27271), (256, 27304), (260, 27313), (272, 27349), (278, 27364), (298, 27406), (301, 27430), (304, 27439), (308, 27451), (323, 27481), (335, 27511), (337, 27514), (349, 27571), (351, 27574), (358, 27589), (364, 27601), (369, 27610), (381, 27634), (396, 27658), (432, 27739), (448, 27814), (500, 27958), (502, 27967), (503, 27970), (505, 27976), (511, 27991), (542, 28057),

Gene: Thibault_42 Start: 39661, Stop: 40665, Start Num: 73

Candidate Starts for Thibault_42:

(Start: 73 @39661 has 10 MA's), (92, 39715), (115, 39766), (154, 39835), (157, 39838), (253, 40018), (257, 40027), (274, 40072), (301, 40141), (310, 40165), (312, 40168), (339, 40213), (342, 40231), (405, 40393), (417, 40417), (478, 40459), (552, 40618),

Gene: Thor_10 Start: 5845, Stop: 6813, Start Num: 66

Candidate Starts for Thor_10:

(Start: 66 @5845 has 202 MA's), (Start: 77 @5878 has 5 MA's), (Start: 86 @5896 has 111 MA's), (Start: 87 @5899 has 14 MA's), (240, 6166), (257, 6217), (263, 6229), (296, 6304), (317, 6367), (333, 6400), (339, 6412), (342, 6430), (346, 6448), (353, 6472), (381, 6511), (431, 6592), (440, 6616), (441, 6619), (442, 6622), (463, 6631), (505, 6718), (547, 6805),

Gene: ThreeRngTarjay_47 Start: 42712, Stop: 43584, Start Num: 108

Candidate Starts for ThreeRngTarjay_47:

(Start: 108 @42712 has 40 MA's), (Start: 122 @42739 has 1 MA's), (153, 42799), (181, 42847), (218, 42913), (228, 42934), (240, 42955), (260, 43009), (292, 43090), (427, 43369), (429, 43372), (453, 43396), (471, 43432), (478, 43447), (483, 43459), (498, 43480),

Gene: Thresher_36 Start: 32612, Stop: 33469, Start Num: 165

Candidate Starts for Thresher_36:

(Start: 165 @32612 has 123 MA's), (185, 32651), (207, 32681), (217, 32702), (233, 32738), (244, 32768), (276, 32843), (296, 32891), (298, 32894), (301, 32918), (302, 32921), (307, 32936), (381, 33107), (435, 33221), (440, 33236), (442, 33242), (478, 33284), (479, 33287), (507, 33341), (539, 33419), (552, 33452),

Gene: Thyatira_30 Start: 27046, Stop: 27918, Start Num: 189

Candidate Starts for Thyatira_30:

(128, 26944), (159, 26998), (Start: 189 @27046 has 154 MA's), (Start: 203 @27058 has 1 MA's), (204, 27061), (206, 27064), (219, 27091), (231, 27121), (234, 27127), (253, 27181), (257, 27190), (263, 27202), (274, 27235), (287, 27268), (302, 27316), (339, 27385), (375, 27469), (405, 27538), (413,

27556), (415, 27559), (443, 27619), (451, 27664), (481, 27736), (502, 27772), (503, 27775), (511, 27796), (536, 27853), (552, 27889), (555, 27898), (557, 27907),

Gene: Tierra_31 Start: 26561, Stop: 27304, Start Num: 189

Candidate Starts for Tierra_31:

(169, 26534), (Start: 189 @26561 has 154 MA's), (204, 26579), (215, 26603), (219, 26609), (234, 26645), (253, 26693), (257, 26702), (271, 26738), (287, 26780), (334, 26888), (397, 27023), (401, 27038), (405, 27050), (415, 27071), (437, 27086), (438, 27089), (451, 27095), (507, 27173), (543, 27254), (552, 27275), (555, 27284),

Gene: Tiffany_12 Start: 5856, Stop: 6821, Start Num: 59

Candidate Starts for Tiffany_12:

(Start: 59 @5856 has 93 MA's), (78, 5901), (Start: 87 @5922 has 14 MA's), (158, 6042), (235, 6180), (257, 6237), (264, 6252), (300, 6333), (305, 6348), (314, 6366), (339, 6417), (342, 6435), (354, 6480), (410, 6576), (441, 6639), (474, 6678), (501, 6729),

Gene: Tiger_8 Start: 5172, Stop: 5981, Start Num: 137

Candidate Starts for Tiger_8:

(Start: 137 @5172 has 50 MA's), (169, 5235), (175, 5244), (188, 5265), (209, 5301), (230, 5349), (250, 5406), (261, 5430), (356, 5661), (391, 5718), (534, 5967),

Gene: Timshel_11 Start: 7306, Stop: 8283, Start Num: 67

Candidate Starts for Timshel_11:

(Start: 67 @7306 has 52 MA's), (Start: 87 @7360 has 14 MA's), (120, 7414), (141, 7447), (213, 7579), (257, 7684), (296, 7756), (301, 7783), (305, 7795), (314, 7813), (342, 7882), (362, 7945), (410, 8023), (426, 8050), (441, 8086), (478, 8134), (501, 8176), (510, 8200), (528, 8242),

Gene: TinaFeyge_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for TinaFeyge_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: TingHuaYa_31 Start: 25601, Stop: 26455, Start Num: 189

Candidate Starts for TingHuaYa_31:

(Start: 138 @25520 has 3 MA's), (159, 25553), (169, 25574), (Start: 189 @25601 has 154 MA's), (Start: 203 @25613 has 1 MA's), (215, 25640), (219, 25646), (231, 25676), (253, 25736), (257, 25745), (274, 25790), (287, 25823), (397, 26066), (401, 26081), (405, 26093), (415, 26114), (430, 26138), (451, 26210), (481, 26276), (503, 26315), (511, 26336), (557, 26444),

Gene: TiniBug_31 Start: 26379, Stop: 27251, Start Num: 189

Candidate Starts for TiniBug_31:

(128, 26277), (169, 26352), (Start: 189 @26379 has 154 MA's), (Start: 203 @26391 has 1 MA's), (234, 26460), (244, 26487), (253, 26517), (257, 26526), (271, 26562), (274, 26571), (287, 26604), (294, 26622), (334, 26712), (397, 26847), (405, 26874), (415, 26895), (430, 26919), (479, 27066), (481, 27072), (502, 27108), (511, 27132), (555, 27231), (557, 27240),

Gene: TinyTim_251 Start: 144329, Stop: 145357, Start Num: 49

Candidate Starts for TinyTim_251:

(Start: 49 @144329 has 167 MA's), (Start: 62 @144359 has 3 MA's), (68, 144371), (82, 144413), (116, 144476), (Start: 129 @144497 has 1 MA's), (Start: 174 @144581 has 1 MA's), (Start: 203 @144623 has 1 MA's), (207, 144635), (213, 144650), (244, 144719), (257, 144746), (278, 144800), (294, 144845), (295, 144848), (323, 144926), (333, 144947), (381, 145058), (434, 145148), (440, 145166),

(493, 145238), (507, 145271),

Gene: Tinybot_9 Start: 5861, Stop: 6841, Start Num: 86

Candidate Starts for Tinybot_9:

(Start: 86 @5861 has 111 MA's), (95, 5888), (Start: 104 @5909 has 1 MA's), (Start: 106 @5912 has 1 MA's), (234, 6161), (257, 6218), (263, 6230), (282, 6281), (297, 6302), (311, 6350), (342, 6407), (405, 6557), (507, 6680), (511, 6692), (545, 6758),

Gene: TopsytheTRex_10 Start: 5561, Stop: 6493, Start Num: 138

Candidate Starts for TopsytheTRex_10:

(Start: 138 @5561 has 3 MA's), (188, 5651), (209, 5687), (230, 5735), (296, 5888), (356, 6035), (362, 6047), (379, 6074), (425, 6167), (433, 6182), (441, 6203), (461, 6308), (464, 6332),

Gene: Tiri_31 Start: 26466, Stop: 27338, Start Num: 189

Candidate Starts for Tiri_31:

(169, 26439), (Start: 189 @26466 has 154 MA's), (Start: 203 @26478 has 1 MA's), (234, 26547), (244, 26574), (253, 26604), (257, 26613), (271, 26649), (274, 26658), (287, 26691), (294, 26709), (302, 26739), (334, 26799), (397, 26934), (405, 26961), (415, 26982), (430, 27006), (447, 27057), (481, 27159), (502, 27195), (511, 27219), (555, 27318), (557, 27327),

Gene: TiroTheta9_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for TiroTheta9_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Todacoro_11 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Todacoro_11:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Tomaszewski_34 Start: 31455, Stop: 32312, Start Num: 165

Candidate Starts for Tomaszewski_34:

(Start: 165 @31455 has 123 MA's), (185, 31494), (207, 31524), (217, 31545), (233, 31581), (244, 31611), (276, 31686), (296, 31734), (298, 31737), (301, 31761), (302, 31764), (307, 31779), (381, 31950), (435, 32064), (440, 32079), (442, 32085), (478, 32127), (479, 32130), (507, 32184), (539, 32262), (552, 32295),

Gene: Tomathan_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for Tomathan_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: Tonenili_274 Start: 149660, Stop: 150688, Start Num: 49

Candidate Starts for Tonenili_274:

(Start: 49 @149660 has 167 MA's), (82, 149744), (116, 149807), (Start: 129 @149828 has 1 MA's), (Start: 174 @149912 has 1 MA's), (Start: 203 @149954 has 1 MA's), (213, 149981), (244, 150050), (257, 150077), (278, 150131), (288, 150161), (294, 150176), (323, 150257), (333, 150278), (379, 150386), (381, 150389), (434, 150479), (440, 150497), (505, 150599), (507, 150602), (511, 150614),

Gene: TootsiePop_32 Start: 27407, Stop: 28408, Start Num: 55

Candidate Starts for TootsiePop_32:

(25, 27146), (35, 27308), (Start: 55 @27407 has 239 MA's), (82, 27482), (116, 27545), (Start: 129 @27566 has 1 MA's), (Start: 174 @27650 has 1 MA's), (188, 27674), (Start: 203 @27689 has 1 MA's), (207, 27701), (257, 27812), (301, 27926), (307, 27944), (328, 27983), (339, 28007), (346, 28043), (354, 28070), (381, 28109), (440, 28217), (478, 28265), (485, 28277), (511, 28334), (527, 28364),

Gene: Tootsieroll_32 Start: 27571, Stop: 28572, Start Num: 55

Candidate Starts for Tootsieroll_32:

(35, 27472), (Start: 55 @27571 has 239 MA's), (82, 27646), (116, 27709), (119, 27715), (Start: 129 @27730 has 1 MA's), (152, 27778), (Start: 174 @27814 has 1 MA's), (Start: 203 @27853 has 1 MA's), (204, 27856), (207, 27865), (213, 27880), (242, 27937), (257, 27976), (300, 28087), (328, 28147), (333, 28159), (346, 28207), (354, 28234), (381, 28273), (440, 28381), (478, 28429), (511, 28498), (527, 28528),

Gene: Topanga_10 Start: 5820, Stop: 6794, Start Num: 67

Candidate Starts for Topanga_10:

(Start: 67 @5820 has 52 MA's), (70, 5826), (Start: 87 @5874 has 14 MA's), (176, 6027), (257, 6189), (264, 6204), (271, 6225), (300, 6297), (302, 6303), (305, 6312), (339, 6381), (342, 6399), (354, 6444), (362, 6462), (410, 6540), (426, 6567), (434, 6582), (441, 6603), (474, 6642), (501, 6693), (517, 6735), (550, 6786),

Gene: Topgun_10 Start: 5783, Stop: 6718, Start Num: 77

Candidate Starts for Topgun_10:

(Start: 66 @5750 has 202 MA's), (Start: 77 @5783 has 5 MA's), (Start: 86 @5801 has 111 MA's), (Start: 87 @5804 has 14 MA's), (240, 6071), (257, 6122), (263, 6134), (296, 6209), (317, 6272), (324, 6284), (333, 6305), (339, 6317), (342, 6335), (346, 6353), (353, 6377), (381, 6416), (431, 6497), (440, 6521), (441, 6524), (442, 6527), (463, 6536), (505, 6623), (547, 6710),

Gene: Topper_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Topper_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: Toro_13 Start: 7534, Stop: 8301, Start Num: 192

Candidate Starts for Toro_13:

(160, 7486), (Start: 192 @7534 has 1 MA's), (213, 7570), (257, 7675), (296, 7747), (301, 7774), (305, 7786), (314, 7804), (342, 7873), (362, 7936), (399, 7987), (410, 8014), (426, 8041), (441, 8077), (478, 8125), (501, 8167),

Gene: Toron_32 Start: 28021, Stop: 29040, Start Num: 55

Candidate Starts for Toron_32:

(Start: 55 @28021 has 239 MA's), (64, 28048), (82, 28096), (116, 28159), (Start: 129 @28180 has 1 MA's), (Start: 174 @28264 has 1 MA's), (207, 28318), (213, 28333), (235, 28375), (240, 28384), (257, 28429), (296, 28516), (305, 28555), (333, 28612), (342, 28642), (356, 28693), (381, 28723), (463, 28846), (481, 28888), (483, 28891), (494, 28915), (497, 28921), (498, 28927), (500, 28930), (507, 28951),

Gene: Torres_27 Start: 25978, Stop: 26736, Start Num: 187

Candidate Starts for Torres_27:

(128, 25876), (159, 25930), (169, 25951), (Start: 187 @25978 has 16 MA's), (219, 26023), (234, 26059), (255, 26119), (257, 26125), (268, 26155), (287, 26203), (300, 26245), (334, 26311), (344, 26347), (397, 26446), (405, 26473), (415, 26494), (420, 26500), (474, 26539), (479, 26551), (481,

26557), (498, 26581), (507, 26605), (555, 26716), (557, 26725),

Gene: Tortoise16_250 Start: 144342, Stop: 145370, Start Num: 49

Candidate Starts for Tortoise16_250:

(Start: 49 @144342 has 167 MA's), (Start: 62 @144372 has 3 MA's), (68, 144384), (82, 144426), (116, 144489), (Start: 129 @144510 has 1 MA's), (Start: 174 @144594 has 1 MA's), (Start: 203 @144636 has 1 MA's), (207, 144648), (213, 144663), (244, 144732), (257, 144759), (278, 144813), (294, 144858), (295, 144861), (323, 144939), (333, 144960), (381, 145071), (434, 145161), (440, 145179), (493, 145251), (507, 145284),

Gene: Tote_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for Tote_12:

(Start: 66 @6491 has 202 MA's), (Start: 77 @6524 has 5 MA's), (Start: 86 @6542 has 111 MA's), (Start: 87 @6545 has 14 MA's), (240, 6812), (257, 6863), (263, 6875), (296, 6950), (317, 7013), (324, 7025), (333, 7046), (342, 7076), (346, 7094), (353, 7118), (381, 7157), (431, 7238), (440, 7262), (441, 7265), (442, 7268), (463, 7277), (505, 7364), (527, 7409), (547, 7451),

Gene: Totinger_32 Start: 27501, Stop: 28502, Start Num: 55

Candidate Starts for Totinger_32:

(Start: 55 @27501 has 239 MA's), (82, 27576), (95, 27609), (116, 27639), (Start: 129 @27660 has 1 MA's), (145, 27690), (149, 27702), (Start: 174 @27744 has 1 MA's), (188, 27768), (Start: 203 @27783 has 1 MA's), (207, 27795), (257, 27906), (301, 28020), (307, 28038), (328, 28077), (339, 28101), (346, 28137), (354, 28164), (381, 28203), (410, 28251), (440, 28311), (485, 28371), (505, 28413), (507, 28416), (511, 28428), (527, 28458),

Gene: Toto_35 Start: 31858, Stop: 32715, Start Num: 165

Candidate Starts for Toto_35:

(Start: 165 @31858 has 123 MA's), (185, 31897), (207, 31927), (217, 31948), (233, 31984), (244, 32014), (276, 32089), (296, 32137), (298, 32140), (301, 32164), (302, 32167), (307, 32182), (381, 32353), (428, 32452), (435, 32467), (440, 32482), (442, 32488), (478, 32530), (479, 32533), (507, 32587), (539, 32665), (552, 32698),

Gene: Tourach_28 Start: 26300, Stop: 27271, Start Num: 76

Candidate Starts for Tourach_28:

(Start: 76 @26300 has 22 MA's), (Start: 97 @26354 has 1 MA's), (154, 26474), (172, 26504), (180, 26519), (219, 26585), (257, 26675), (279, 26729), (301, 26780), (305, 26792), (318, 26819), (340, 26855), (342, 26870), (345, 26885), (370, 26945), (405, 27026), (413, 27044), (415, 27047), (420, 27050), (434, 27077), (484, 27101), (507, 27146), (525, 27188), (547, 27230),

Gene: Traaww1_33 Start: 31496, Stop: 32353, Start Num: 165

Candidate Starts for Traaww1_33:

(Start: 165 @31496 has 123 MA's), (185, 31535), (207, 31565), (217, 31586), (233, 31622), (244, 31652), (276, 31727), (296, 31775), (298, 31778), (301, 31802), (302, 31805), (307, 31820), (381, 31991), (435, 32105), (440, 32120), (442, 32126), (478, 32168), (479, 32171), (507, 32225), (539, 32303), (552, 32336),

Gene: Traft412_12 Start: 6678, Stop: 7646, Start Num: 66

Candidate Starts for Traft412_12:

(Start: 66 @6678 has 202 MA's), (Start: 77 @6711 has 5 MA's), (Start: 86 @6729 has 111 MA's), (Start: 87 @6732 has 14 MA's), (240, 6999), (257, 7050), (263, 7062), (296, 7137), (317, 7200), (324, 7212), (333, 7233), (339, 7245), (342, 7263), (346, 7281), (353, 7305), (381, 7344), (431, 7425), (440, 7449), (441, 7452), (442, 7455), (463, 7464), (505, 7551), (527, 7596), (547, 7638),

Gene: Travvers_14 Start: 6597, Stop: 7361, Start Num: 197

Candidate Starts for Travvers_14:

(Start: 197 @6597 has 16 MA's), (257, 6741), (296, 6828), (301, 6855), (305, 6867), (342, 6954), (410, 7095), (440, 7155), (441, 7158), (472, 7194), (501, 7248), (520, 7296),

Gene: Treddle_11 Start: 6485, Stop: 7453, Start Num: 66

Candidate Starts for Treddle_11:

(Start: 66 @6485 has 202 MA's), (Start: 77 @6518 has 5 MA's), (Start: 86 @6536 has 111 MA's), (240, 6806), (257, 6857), (263, 6869), (296, 6944), (317, 7007), (324, 7019), (333, 7040), (339, 7052), (342, 7070), (346, 7088), (353, 7112), (381, 7151), (431, 7232), (440, 7256), (441, 7259), (442, 7262), (463, 7271), (505, 7358), (515, 7382), (527, 7403), (547, 7445),

Gene: TreyKay_31 Start: 26427, Stop: 27299, Start Num: 189

Candidate Starts for TreyKay_31:

(169, 26400), (Start: 189 @26427 has 154 MA's), (Start: 203 @26439 has 1 MA's), (234, 26508), (244, 26535), (253, 26565), (257, 26574), (271, 26610), (274, 26619), (287, 26652), (294, 26670), (334, 26760), (397, 26895), (405, 26922), (415, 26943), (430, 26967), (447, 27018), (481, 27120), (502, 27156), (511, 27180), (555, 27279), (557, 27288),

Gene: TribelTrouble_30 Start: 26988, Stop: 27776, Start Num: 189

Candidate Starts for TribelTrouble_30:

(159, 26943), (Start: 189 @26988 has 154 MA's), (219, 27033), (234, 27069), (253, 27126), (257, 27135), (294, 27225), (300, 27249), (362, 27390), (397, 27453), (405, 27495), (413, 27513), (415, 27516), (420, 27522), (430, 27540), (478, 27570), (511, 27639), (545, 27711), (555, 27741),

Gene: Trike_8 Start: 3772, Stop: 4746, Start Num: 67

Candidate Starts for Trike_8:

(38, 3733), (Start: 67 @3772 has 52 MA's), (78, 3805), (Start: 87 @3826 has 14 MA's), (185, 3994), (207, 4036), (213, 4051), (257, 4156), (296, 4228), (301, 4255), (302, 4258), (305, 4267), (322, 4303), (342, 4354), (410, 4501), (441, 4564), (474, 4603), (498, 4645),

Gene: Trinitium_249 Start: 143083, Stop: 144111, Start Num: 49

Candidate Starts for Trinitium_249:

(Start: 49 @143083 has 167 MA's), (Start: 62 @143113 has 3 MA's), (68, 143125), (82, 143167), (116, 143230), (Start: 129 @143251 has 1 MA's), (Start: 174 @143335 has 1 MA's), (Start: 203 @143377 has 1 MA's), (207, 143389), (213, 143404), (244, 143473), (257, 143500), (278, 143554), (294, 143599), (295, 143602), (323, 143680), (333, 143701), (381, 143812), (434, 143902), (440, 143920), (493, 143992), (507, 144025),

Gene: Tripl3t_11 Start: 6673, Stop: 7641, Start Num: 66

Candidate Starts for Tripl3t_11:

(Start: 66 @6673 has 202 MA's), (Start: 77 @6706 has 5 MA's), (Start: 86 @6724 has 111 MA's), (Start: 87 @6727 has 14 MA's), (240, 6994), (257, 7045), (263, 7057), (296, 7132), (317, 7195), (324, 7207), (333, 7228), (339, 7240), (342, 7258), (346, 7276), (353, 7300), (381, 7339), (431, 7420), (440, 7444), (441, 7447), (442, 7450), (463, 7459), (505, 7546), (515, 7570), (547, 7633),

Gene: Trixie_14 Start: 8087, Stop: 9064, Start Num: 67

Candidate Starts for Trixie_14:

(48, 8045), (Start: 67 @8087 has 52 MA's), (Start: 87 @8141 has 14 MA's), (235, 8378), (257, 8435), (296, 8519), (305, 8558), (339, 8627), (340, 8630), (342, 8645), (362, 8708), (379, 8729), (389, 8750), (410, 8798), (426, 8825), (434, 8840), (440, 8858), (441, 8861), (501, 8951),

Gene: Trooper_11 Start: 6230, Stop: 7222, Start Num: 84

Candidate Starts for Trooper_11:

(Start: 84 @6230 has 68 MA's), (Start: 97 @6263 has 1 MA's), (Start: 104 @6281 has 1 MA's), (Start: 106 @6284 has 1 MA's), (179, 6419), (200, 6452), (Start: 203 @6458 has 1 MA's), (204, 6461), (213, 6485), (241, 6545), (257, 6590), (294, 6677), (311, 6722), (341, 6761), (351, 6809), (357, 6824), (390, 6890), (392, 6893), (406, 6932), (425, 6968), (491, 7019), (541, 7133), (564, 7208),

Gene: Trouble_10 Start: 6322, Stop: 7290, Start Num: 66

Candidate Starts for Trouble_10:

(Start: 66 @6322 has 202 MA's), (Start: 77 @6355 has 5 MA's), (Start: 86 @6373 has 111 MA's), (Start: 87 @6376 has 14 MA's), (240, 6643), (257, 6694), (263, 6706), (296, 6781), (317, 6844), (333, 6877), (339, 6889), (342, 6907), (346, 6925), (353, 6949), (381, 6988), (431, 7069), (440, 7093), (441, 7096), (442, 7099), (463, 7108), (505, 7195), (547, 7282),

Gene: TroyPia_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for TroyPia_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: TruffulaTree_31 Start: 26457, Stop: 27329, Start Num: 189

Candidate Starts for TruffulaTree_31:

(40, 26127), (128, 26355), (169, 26430), (Start: 189 @26457 has 154 MA's), (Start: 203 @26469 has 1 MA's), (234, 26538), (244, 26565), (253, 26595), (257, 26604), (271, 26640), (274, 26649), (287, 26682), (294, 26700), (302, 26730), (333, 26787), (334, 26790), (397, 26925), (405, 26952), (415, 26973), (430, 26997), (447, 27048), (481, 27150), (502, 27186), (511, 27210), (555, 27309), (557, 27318),

Gene: Tuco_36 Start: 32366, Stop: 33223, Start Num: 165

Candidate Starts for Tuco_36:

(Start: 165 @32366 has 123 MA's), (185, 32405), (207, 32435), (217, 32456), (233, 32492), (244, 32522), (276, 32597), (296, 32645), (298, 32648), (301, 32672), (302, 32675), (307, 32690), (381, 32861), (435, 32975), (440, 32990), (442, 32996), (478, 33038), (479, 33041), (507, 33095), (539, 33173), (552, 33206),

Gene: Turbido_13 Start: 6895, Stop: 7887, Start Num: 84

Candidate Starts for Turbido_13:

(Start: 84 @6895 has 68 MA's), (Start: 97 @6928 has 1 MA's), (Start: 104 @6946 has 1 MA's), (Start: 106 @6949 has 1 MA's), (200, 7117), (Start: 203 @7123 has 1 MA's), (213, 7150), (241, 7210), (257, 7255), (294, 7342), (311, 7387), (341, 7426), (351, 7474), (357, 7489), (390, 7555), (406, 7597), (491, 7684), (541, 7798),

Gene: Turj99_9 Start: 5766, Stop: 6734, Start Num: 66

Candidate Starts for Turj99_9:

(Start: 66 @5766 has 202 MA's), (Start: 77 @5799 has 5 MA's), (Start: 86 @5817 has 111 MA's), (Start: 87 @5820 has 14 MA's), (240, 6087), (257, 6138), (263, 6150), (296, 6225), (317, 6288), (324, 6300), (333, 6321), (339, 6333), (342, 6351), (346, 6369), (353, 6393), (381, 6432), (431, 6513), (440, 6537), (441, 6540), (442, 6543), (463, 6552), (505, 6639), (527, 6684), (547, 6726),

Gene: Turret_243 Start: 142216, Stop: 143244, Start Num: 49

Candidate Starts for Turret_243:

(Start: 49 @142216 has 167 MA's), (Start: 62 @142246 has 3 MA's), (68, 142258), (82, 142300), (116, 142363), (Start: 129 @142384 has 1 MA's), (Start: 174 @142468 has 1 MA's), (Start: 203 @142510 has 1 MA's), (207, 142522), (213, 142537), (244, 142606), (257, 142633), (278, 142687), (294,

142732), (295, 142735), (323, 142813), (333, 142834), (381, 142945), (434, 143035), (440, 143053), (493, 143125), (507, 143158),

Gene: Tweety_31 Start: 27740, Stop: 28741, Start Num: 55

Candidate Starts for Tweety_31:

(Start: 55 @27740 has 239 MA's), (82, 27815), (95, 27848), (116, 27878), (Start: 129 @27899 has 1 MA's), (Start: 174 @27983 has 1 MA's), (207, 28034), (213, 28049), (257, 28145), (307, 28277), (328, 28316), (333, 28328), (346, 28376), (354, 28403), (366, 28427), (381, 28442), (440, 28550), (478, 28598), (511, 28667), (527, 28697),

Gene: Twigg_8 Start: 5324, Stop: 6133, Start Num: 137

Candidate Starts for Twigg_8:

(Start: 137 @5324 has 50 MA's), (169, 5387), (175, 5396), (209, 5453), (230, 5501), (261, 5582), (343, 5771), (356, 5813), (391, 5870), (407, 5912), (534, 6119),

Gene: Twister_10 Start: 5719, Stop: 6693, Start Num: 67

Candidate Starts for Twister_10:

(Start: 67 @5719 has 52 MA's), (70, 5725), (Start: 87 @5773 has 14 MA's), (176, 5926), (257, 6088), (264, 6103), (271, 6124), (300, 6196), (302, 6202), (305, 6211), (339, 6280), (342, 6298), (354, 6343), (362, 6361), (410, 6439), (426, 6466), (434, 6481), (441, 6502), (474, 6541), (501, 6592), (517, 6634), (550, 6685),

Gene: Twitch_31 Start: 26494, Stop: 27366, Start Num: 189

Candidate Starts for Twitch_31:

(40, 26164), (128, 26392), (169, 26467), (Start: 189 @26494 has 154 MA's), (Start: 203 @26506 has 1 MA's), (234, 26575), (244, 26602), (253, 26632), (257, 26641), (271, 26677), (274, 26686), (287, 26719), (294, 26737), (302, 26767), (334, 26827), (397, 26962), (405, 26989), (415, 27010), (430, 27034), (447, 27085), (481, 27187), (502, 27223), (511, 27247), (555, 27346), (557, 27355),

Gene: TwoPeat_11 Start: 6284, Stop: 7252, Start Num: 66

Candidate Starts for TwoPeat_11:

(Start: 66 @6284 has 202 MA's), (Start: 77 @6317 has 5 MA's), (Start: 86 @6335 has 111 MA's), (Start: 87 @6338 has 14 MA's), (240, 6605), (257, 6656), (263, 6668), (296, 6743), (317, 6806), (324, 6818), (333, 6839), (339, 6851), (342, 6869), (346, 6887), (353, 6911), (381, 6950), (431, 7031), (440, 7055), (441, 7058), (442, 7061), (463, 7070), (505, 7157), (527, 7202), (547, 7244),

Gene: TyDawg_38 Start: 31794, Stop: 32765, Start Num: 85

Candidate Starts for TyDawg_38:

(Start: 85 @31794 has 13 MA's), (Start: 94 @31818 has 3 MA's), (100, 31833), (169, 31971), (186, 31998), (Start: 197 @32016 has 16 MA's), (204, 32028), (207, 32037), (229, 32082), (233, 32094), (248, 32121), (257, 32148), (263, 32160), (280, 32205), (292, 32232), (301, 32262), (304, 32271), (305, 32274), (345, 32361), (352, 32376), (419, 32529), (421, 32532), (472, 32592), (478, 32604), (481, 32613), (502, 32649), (508, 32664), (538, 32703), (552, 32736),

Gene: Tydolla_47 Start: 42271, Stop: 43335, Start Num: 102

Candidate Starts for Tydolla_47:

(Start: 102 @42271 has 45 MA's), (134, 42334), (179, 42415), (212, 42481), (222, 42496), (226, 42508), (237, 42535), (256, 42592), (260, 42601), (323, 42748), (332, 42763), (349, 42817), (366, 42850), (388, 42889), (396, 42901), (432, 42982), (442, 43000), (443, 43003), (448, 43048), (478, 43159), (529, 43270), (540, 43291), (553, 43324),

Gene: TygerBlood_10 Start: 5883, Stop: 6863, Start Num: 86

Candidate Starts for TygerBlood_10:

(Start: 86 @5883 has 111 MA's), (Start: 87 @5886 has 14 MA's), (95, 5910), (Start: 104 @5931 has 1 MA's), (Start: 106 @5934 has 1 MA's), (234, 6183), (257, 6240), (282, 6303), (297, 6324), (300, 6345), (311, 6372), (334, 6402), (342, 6429), (405, 6579), (502, 6690), (507, 6702), (511, 6714), (545, 6780),

Gene: Tyke_249 Start: 146465, Stop: 147493, Start Num: 49

Candidate Starts for Tyke_249:

(Start: 49 @146465 has 167 MA's), (Start: 62 @146495 has 3 MA's), (68, 146507), (82, 146549), (116, 146612), (Start: 129 @146633 has 1 MA's), (Start: 174 @146717 has 1 MA's), (Start: 203 @146759 has 1 MA's), (207, 146771), (213, 146786), (244, 146855), (257, 146882), (278, 146936), (294, 146981), (295, 146984), (323, 147062), (333, 147083), (381, 147194), (434, 147284), (440, 147302), (493, 147374), (507, 147407),

Gene: Tyson_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Tyson_26:

(Start: 54 @25547 has 29 MA's), (127, 25700), (130, 25703), (141, 25727), (147, 25739), (155, 25757), (166, 25775), (176, 25793), (179, 25799), (183, 25808), (196, 25823), (204, 25838), (235, 25910), (257, 25967), (272, 26006), (302, 26084), (305, 26093), (306, 26096), (314, 26111), (338, 26165), (342, 26186), (345, 26201), (387, 26285), (402, 26315), (441, 26384), (463, 26396), (474, 26420), (481, 26438), (485, 26441), (493, 26453), (495, 26456), (507, 26486), (511, 26498),

Gene: U2_9 Start: 5609, Stop: 6577, Start Num: 66

Candidate Starts for U2_9:

(Start: 66 @5609 has 202 MA's), (Start: 77 @5642 has 5 MA's), (Start: 86 @5660 has 111 MA's), (Start: 87 @5663 has 14 MA's), (240, 5930), (257, 5981), (263, 5993), (296, 6068), (317, 6131), (324, 6143), (333, 6164), (339, 6176), (342, 6194), (346, 6212), (353, 6236), (381, 6275), (431, 6356), (440, 6380), (441, 6383), (442, 6386), (463, 6395), (498, 6461), (505, 6482), (547, 6569),

Gene: UPIE_26 Start: 25545, Stop: 26576, Start Num: 54

Candidate Starts for UPIE_26:

(Start: 54 @25545 has 29 MA's), (130, 25701), (141, 25725), (147, 25737), (155, 25755), (166, 25773), (176, 25791), (179, 25797), (183, 25806), (196, 25821), (204, 25836), (225, 25884), (235, 25908), (257, 25965), (272, 26004), (302, 26082), (305, 26091), (306, 26094), (314, 26109), (338, 26163), (342, 26184), (345, 26199), (387, 26283), (402, 26313), (441, 26382), (463, 26394), (474, 26418), (481, 26436), (485, 26439), (493, 26451), (495, 26454), (507, 26484), (511, 26496),

Gene: Ukulele_35 Start: 31616, Stop: 32473, Start Num: 165

Candidate Starts for Ukulele_35:

(Start: 165 @31616 has 123 MA's), (185, 31655), (207, 31685), (217, 31706), (233, 31742), (244, 31772), (276, 31847), (296, 31895), (298, 31898), (301, 31922), (302, 31925), (307, 31940), (381, 32111), (435, 32225), (440, 32240), (442, 32246), (478, 32288), (479, 32291), (507, 32345), (539, 32423), (552, 32456),

Gene: Ulysses_9 Start: 5600, Stop: 6580, Start Num: 86

Candidate Starts for Ulysses_9:

(Start: 86 @5600 has 111 MA's), (95, 5627), (Start: 106 @5651 has 1 MA's), (Start: 199 @5816 has 2 MA's), (234, 5900), (257, 5957), (263, 5969), (282, 6020), (297, 6041), (300, 6062), (311, 6089), (333, 6116), (342, 6146), (405, 6296), (507, 6419), (511, 6431), (545, 6497),

Gene: UncleRicky_34 Start: 28832, Stop: 29833, Start Num: 55

Candidate Starts for UncleRicky_34:

(25, 28580), (35, 28733), (Start: 55 @28832 has 239 MA's), (Start: 62 @28853 has 3 MA's), (68, 28865), (82, 28907), (116, 28970), (Start: 129 @28991 has 1 MA's), (145, 29021), (Start: 174 @29075 has 1 MA's), (188, 29099), (207, 29126), (257, 29237), (301, 29351), (307, 29369), (328, 29408), (339,

29432), (346, 29468), (354, 29495), (381, 29534), (410, 29582), (440, 29642), (485, 29702), (511, 29759), (527, 29789),

Gene: Unicorn_31 Start: 25890, Stop: 26633, Start Num: 189

Candidate Starts for Unicorn_31:

(169, 25863), (Start: 189 @25890 has 154 MA's), (215, 25932), (219, 25938), (234, 25974), (253, 26022), (257, 26031), (271, 26067), (287, 26109), (334, 26217), (397, 26352), (401, 26367), (405, 26379), (415, 26400), (438, 26418), (451, 26424), (507, 26502), (543, 26583), (552, 26604), (555, 26613),

Gene: UnionJack_8 Start: 4891, Stop: 5700, Start Num: 137

Candidate Starts for UnionJack_8:

(Start: 137 @4891 has 50 MA's), (175, 4963), (209, 5020), (230, 5068), (261, 5149), (343, 5338), (356, 5380), (391, 5437), (534, 5686),

Gene: Updawg_13 Start: 6926, Stop: 7903, Start Num: 67

Candidate Starts for Updawg_13:

(Start: 67 @6926 has 52 MA's), (Start: 87 @6980 has 14 MA's), (133, 7037), (213, 7169), (235, 7217), (257, 7274), (271, 7310), (296, 7358), (305, 7397), (340, 7469), (342, 7484), (354, 7529), (362, 7547), (389, 7589), (410, 7637), (426, 7664), (434, 7679), (440, 7697), (441, 7700), (501, 7790),

Gene: Urkel_31 Start: 26382, Stop: 27254, Start Num: 189

Candidate Starts for Urkel_31:

(128, 26280), (169, 26355), (Start: 189 @26382 has 154 MA's), (Start: 203 @26394 has 1 MA's), (234, 26463), (244, 26490), (253, 26520), (257, 26529), (271, 26565), (274, 26574), (287, 26607), (294, 26625), (334, 26715), (397, 26850), (405, 26877), (415, 26898), (430, 26922), (447, 26973), (481, 27075), (502, 27111), (511, 27135), (555, 27234), (557, 27243),

Gene: VA6_11 Start: 6428, Stop: 7405, Start Num: 67

Candidate Starts for VA6_11:

(15, 5960), (Start: 67 @6428 has 52 MA's), (Start: 87 @6482 has 14 MA's), (213, 6671), (229, 6707), (235, 6719), (257, 6776), (271, 6812), (296, 6860), (305, 6899), (329, 6947), (338, 6965), (340, 6971), (342, 6986), (362, 7049), (389, 7091), (410, 7139), (426, 7166), (434, 7181), (440, 7199), (441, 7202), (474, 7241), (501, 7292),

Gene: VC3_14 Start: 6596, Stop: 7345, Start Num: 197

Candidate Starts for VC3_14:

(Start: 197 @6596 has 16 MA's), (200, 6602), (258, 6743), (296, 6830), (300, 6854), (302, 6860), (314, 6887), (339, 6938), (342, 6956), (410, 7100), (441, 7163), (478, 7211), (479, 7214), (498, 7244), (501, 7253),

Gene: VRedHorse_31 Start: 27690, Stop: 28691, Start Num: 55

Candidate Starts for VRedHorse_31:

(Start: 55 @27690 has 239 MA's), (82, 27765), (95, 27798), (116, 27828), (Start: 129 @27849 has 1 MA's), (Start: 174 @27933 has 1 MA's), (207, 27984), (257, 28095), (300, 28206), (307, 28227), (328, 28266), (333, 28278), (346, 28326), (354, 28353), (366, 28377), (381, 28392), (440, 28500), (485, 28560), (511, 28617), (527, 28647),

Gene: Vagabond_65 Start: 43249, Stop: 44289, Start Num: 55

Candidate Starts for Vagabond_65:

(Start: 55 @43249 has 239 MA's), (82, 43324), (116, 43405), (119, 43411), (Start: 129 @43426 has 1 MA's), (172, 43507), (Start: 174 @43510 has 1 MA's), (207, 43564), (213, 43579), (257, 43675), (272, 43714), (284, 43744), (294, 43774), (295, 43777), (302, 43810), (333, 43876), (346, 43924), (354,

43951), (381, 43990), (488, 44164), (511, 44215),

Gene: Validus_31 Start: 25785, Stop: 26546, Start Num: 189

Candidate Starts for Validus_31:

(Start: 189 @25785 has 154 MA's), (219, 25830), (234, 25866), (257, 25932), (268, 25962), (271, 25968), (274, 25977), (287, 26010), (300, 26052), (323, 26103), (334, 26118), (397, 26253), (405, 26280), (415, 26301), (420, 26307), (430, 26325), (479, 26358), (481, 26364), (507, 26412), (536, 26481), (555, 26526), (557, 26535),

Gene: ValleyTerrace_253 Start: 143793, Stop: 144821, Start Num: 49

Candidate Starts for ValleyTerrace_253:

(Start: 49 @143793 has 167 MA's), (Start: 62 @143823 has 3 MA's), (68, 143835), (82, 143877), (116, 143940), (Start: 129 @143961 has 1 MA's), (Start: 174 @144045 has 1 MA's), (Start: 203 @144087 has 1 MA's), (207, 144099), (213, 144114), (244, 144183), (257, 144210), (278, 144264), (294, 144309), (295, 144312), (323, 144390), (333, 144411), (381, 144522), (434, 144612), (440, 144630), (493, 144702), (507, 144735),

Gene: Veliki_31 Start: 26497, Stop: 27369, Start Num: 189

Candidate Starts for Veliki_31:

(169, 26470), (Start: 189 @26497 has 154 MA's), (Start: 203 @26509 has 1 MA's), (234, 26578), (244, 26605), (253, 26635), (257, 26644), (271, 26680), (274, 26689), (287, 26722), (294, 26740), (302, 26770), (333, 26827), (334, 26830), (397, 26965), (405, 26992), (415, 27013), (430, 27037), (447, 27088), (481, 27190), (502, 27226), (511, 27250), (555, 27349), (557, 27358),

Gene: Velveteen_27 Start: 23733, Stop: 24731, Start Num: 55

Candidate Starts for Velveteen_27:

(Start: 55 @23733 has 239 MA's), (82, 23808), (116, 23868), (Start: 129 @23889 has 1 MA's), (Start: 174 @23973 has 1 MA's), (207, 24024), (213, 24039), (257, 24135), (296, 24222), (300, 24246), (307, 24267), (328, 24306), (333, 24318), (346, 24366), (354, 24393), (366, 24417), (381, 24432), (440, 24540), (478, 24588), (511, 24657), (527, 24687),

Gene: Veracruz_10 Start: 6052, Stop: 7017, Start Num: 59

Candidate Starts for Veracruz_10:

(Start: 59 @6052 has 93 MA's), (78, 6097), (Start: 87 @6118 has 14 MA's), (158, 6238), (166, 6253), (Start: 199 @6292 has 2 MA's), (235, 6376), (257, 6433), (264, 6448), (300, 6529), (305, 6544), (314, 6562), (339, 6613), (342, 6631), (354, 6676), (410, 6772), (441, 6835), (474, 6874), (501, 6925),

Gene: Veteran_31 Start: 27537, Stop: 28538, Start Num: 55

Candidate Starts for Veteran_31:

(3, 26916), (7, 26994), (9, 27057), (13, 27096), (22, 27249), (25, 27285), (Start: 55 @27537 has 239 MA's), (Start: 62 @27558 has 3 MA's), (68, 27570), (82, 27612), (116, 27675), (Start: 129 @27696 has 1 MA's), (145, 27726), (Start: 174 @27780 has 1 MA's), (188, 27804), (207, 27831), (257, 27942), (301, 28056), (307, 28074), (328, 28113), (339, 28137), (346, 28173), (354, 28200), (381, 28239), (410, 28287), (440, 28347), (485, 28407), (511, 28464), (527, 28494),

Gene: Vetric_28 Start: 26309, Stop: 27280, Start Num: 76

Candidate Starts for Vetric_28:

(Start: 76 @26309 has 22 MA's), (Start: 97 @26363 has 1 MA's), (154, 26483), (172, 26513), (Start: 203 @26561 has 1 MA's), (204, 26564), (207, 26573), (219, 26594), (244, 26657), (257, 26684), (266, 26708), (279, 26738), (301, 26789), (305, 26801), (340, 26864), (342, 26879), (361, 26939), (370, 26954), (405, 27035), (415, 27056), (420, 27059), (484, 27110), (507, 27155), (525, 27197), (547, 27239),

Gene: Violet_9 Start: 5558, Stop: 6526, Start Num: 66

Candidate Starts for Violet_9:

(Start: 66 @5558 has 202 MA's), (Start: 77 @5591 has 5 MA's), (Start: 86 @5609 has 111 MA's), (Start: 87 @5612 has 14 MA's), (240, 5879), (257, 5930), (263, 5942), (296, 6017), (317, 6080), (324, 6092), (333, 6113), (339, 6125), (342, 6143), (346, 6161), (353, 6185), (381, 6224), (431, 6305), (440, 6329), (441, 6332), (442, 6335), (463, 6344), (505, 6431), (547, 6518),

Gene: Vix_12 Start: 6044, Stop: 7009, Start Num: 59

Candidate Starts for Vix_12:

(Start: 59 @6044 has 93 MA's), (78, 6089), (Start: 87 @6110 has 14 MA's), (158, 6230), (235, 6368), (257, 6425), (264, 6440), (300, 6521), (305, 6536), (314, 6554), (339, 6605), (342, 6623), (354, 6668), (410, 6764), (441, 6827), (474, 6866), (501, 6917),

Gene: Vorrps_67 Start: 43461, Stop: 44501, Start Num: 55

Candidate Starts for Vorrps_67:

(Start: 55 @43461 has 239 MA's), (82, 43536), (116, 43617), (119, 43623), (Start: 129 @43638 has 1 MA's), (172, 43719), (Start: 174 @43722 has 1 MA's), (207, 43776), (213, 43791), (257, 43887), (272, 43926), (284, 43956), (294, 43986), (295, 43989), (302, 44022), (333, 44088), (344, 44127), (346, 44136), (354, 44163), (381, 44202), (488, 44376), (511, 44427),

Gene: Wachhund_31 Start: 27697, Stop: 28698, Start Num: 55

Candidate Starts for Wachhund_31:

(Start: 55 @27697 has 239 MA's), (Start: 62 @27718 has 3 MA's), (68, 27730), (82, 27772), (Start: 129 @27856 has 1 MA's), (145, 27886), (Start: 174 @27940 has 1 MA's), (188, 27964), (Start: 203 @27979 has 1 MA's), (207, 27991), (257, 28102), (300, 28213), (307, 28234), (328, 28273), (333, 28285), (346, 28333), (354, 28360), (366, 28384), (381, 28399), (440, 28507), (478, 28555), (511, 28624), (527, 28654),

Gene: Wally_250 Start: 143777, Stop: 144805, Start Num: 49

Candidate Starts for Wally_250:

(Start: 49 @143777 has 167 MA's), (Start: 62 @143807 has 3 MA's), (68, 143819), (82, 143861), (116, 143924), (Start: 129 @143945 has 1 MA's), (Start: 174 @144029 has 1 MA's), (Start: 203 @144071 has 1 MA's), (207, 144083), (213, 144098), (244, 144167), (257, 144194), (278, 144248), (294, 144293), (295, 144296), (323, 144374), (333, 144395), (381, 144506), (434, 144596), (440, 144614), (493, 144686), (507, 144719),

Gene: WalterMcMickey_10 Start: 5719, Stop: 6693, Start Num: 67

Candidate Starts for WalterMcMickey_10:

(Start: 67 @5719 has 52 MA's), (70, 5725), (Start: 87 @5773 has 14 MA's), (176, 5926), (257, 6088), (264, 6103), (271, 6124), (300, 6196), (302, 6202), (305, 6211), (339, 6280), (342, 6298), (354, 6343), (362, 6361), (410, 6439), (426, 6466), (434, 6481), (441, 6502), (474, 6541), (501, 6592), (517, 6634), (550, 6685),

Gene: Wamburgxpress_26 Start: 25560, Stop: 26591, Start Num: 54

Candidate Starts for Wamburgxpress_26:

(Start: 54 @25560 has 29 MA's), (127, 25713), (130, 25716), (141, 25740), (147, 25752), (155, 25770), (166, 25788), (176, 25806), (179, 25812), (183, 25821), (196, 25836), (204, 25851), (235, 25923), (257, 25980), (272, 26019), (302, 26097), (305, 26106), (306, 26109), (314, 26124), (338, 26178), (342, 26199), (345, 26214), (387, 26298), (402, 26328), (441, 26397), (463, 26409), (474, 26433), (481, 26451), (485, 26454), (493, 26466), (495, 26469), (507, 26499), (511, 26511),

Gene: Wanda_55 Start: 42450, Stop: 43322, Start Num: 108

Candidate Starts for Wanda_55:

(Start: 108 @42450 has 40 MA's), (Start: 122 @42477 has 1 MA's), (153, 42537), (181, 42585), (218, 42651), (228, 42672), (240, 42693), (260, 42747), (292, 42828), (427, 43107), (429, 43110), (453, 43134), (471, 43170), (478, 43185), (483, 43197), (498, 43218),

Gene: Wander_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for Wander_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (297, 6322), (300, 6343), (311, 6370), (334, 6400), (342, 6427), (405, 6577), (502, 6688), (507, 6700), (511, 6712), (545, 6778),

Gene: Waterfoul_30 Start: 27070, Stop: 27942, Start Num: 189

Candidate Starts for Waterfoul_30:

(128, 26968), (159, 27022), (Start: 189 @27070 has 154 MA's), (Start: 203 @27082 has 1 MA's), (204, 27085), (206, 27088), (219, 27115), (231, 27145), (234, 27151), (253, 27205), (257, 27214), (263, 27226), (268, 27244), (274, 27259), (287, 27292), (294, 27310), (302, 27340), (339, 27409), (405, 27562), (413, 27580), (415, 27583), (443, 27643), (447, 27661), (451, 27688), (481, 27760), (496, 27775), (502, 27796), (503, 27799), (511, 27820), (552, 27913), (555, 27922), (557, 27931),

Gene: Watermelon_12 Start: 6873, Stop: 7841, Start Num: 66

Candidate Starts for Watermelon_12:

(Start: 66 @6873 has 202 MA's), (Start: 77 @6906 has 5 MA's), (Start: 86 @6924 has 111 MA's), (Start: 87 @6927 has 14 MA's), (240, 7194), (257, 7245), (263, 7257), (296, 7332), (317, 7395), (333, 7428), (339, 7440), (342, 7458), (346, 7476), (381, 7539), (431, 7620), (440, 7644), (441, 7647), (442, 7650), (463, 7659), (505, 7746), (527, 7791), (547, 7833),

Gene: Watson_12 Start: 5954, Stop: 6919, Start Num: 59

Candidate Starts for Watson_12:

(Start: 59 @5954 has 93 MA's), (78, 5999), (Start: 87 @6020 has 14 MA's), (158, 6140), (235, 6278), (257, 6335), (264, 6350), (300, 6431), (305, 6446), (314, 6464), (339, 6515), (342, 6533), (354, 6578), (410, 6674), (441, 6737), (474, 6776), (501, 6827),

Gene: Wee_32 Start: 28223, Stop: 29221, Start Num: 55

Candidate Starts for Wee_32:

(Start: 55 @28223 has 239 MA's), (82, 28298), (116, 28358), (Start: 129 @28379 has 1 MA's), (Start: 174 @28463 has 1 MA's), (207, 28514), (213, 28529), (257, 28625), (300, 28736), (307, 28757), (328, 28796), (333, 28808), (346, 28856), (354, 28883), (366, 28907), (381, 28922), (440, 29030), (478, 29078), (511, 29147), (527, 29177),

Gene: WeiHuaDA_17 Start: 8697, Stop: 9674, Start Num: 67

Candidate Starts for WeiHuaDA_17:

(48, 8655), (Start: 67 @8697 has 52 MA's), (Start: 87 @8751 has 14 MA's), (235, 8988), (257, 9045), (296, 9129), (305, 9168), (339, 9237), (342, 9255), (362, 9318), (389, 9360), (410, 9408), (426, 9435), (434, 9450), (440, 9468), (441, 9471), (501, 9561), (545, 9660),

Gene: Weiss13_39 Start: 35042, Stop: 36091, Start Num: 108

Candidate Starts for Weiss13_39:

(Start: 108 @35042 has 40 MA's), (151, 35126), (156, 35135), (169, 35159), (188, 35189), (201, 35210), (216, 35246), (226, 35267), (229, 35276), (236, 35294), (260, 35363), (298, 35453), (315, 35495), (327, 35516), (359, 35615), (373, 35642), (407, 35714), (440, 35768), (474, 35921), (486, 35945), (492, 35954), (510, 35996), (511, 35999), (514, 36005), (519, 36014), (535, 36050), (540, 36059), (546, 36068),

Gene: Whabigail7_13 Start: 6883, Stop: 7875, Start Num: 84

Candidate Starts for Whabigail7_13:

(Start: 84 @6883 has 68 MA's), (Start: 104 @6934 has 1 MA's), (Start: 106 @6937 has 1 MA's), (200, 7105), (Start: 203 @7111 has 1 MA's), (213, 7138), (241, 7198), (257, 7243), (294, 7330), (311, 7375), (341, 7414), (351, 7462), (357, 7477), (390, 7543), (406, 7585), (491, 7672), (541, 7786),

Gene: Whatsapiecost_32 Start: 27956, Stop: 28957, Start Num: 55

Candidate Starts for Whatsapiecost_32:

(Start: 55 @27956 has 239 MA's), (82, 28031), (116, 28094), (Start: 129 @28115 has 1 MA's), (Start: 174 @28199 has 1 MA's), (188, 28223), (Start: 203 @28238 has 1 MA's), (207, 28250), (257, 28361), (301, 28475), (307, 28493), (328, 28532), (339, 28556), (346, 28592), (354, 28619), (381, 28658), (440, 28766), (478, 28814), (511, 28883), (527, 28913),

Gene: Wheeler_10 Start: 6039, Stop: 7007, Start Num: 66

Candidate Starts for Wheeler_10:

(Start: 66 @6039 has 202 MA's), (Start: 77 @6072 has 5 MA's), (Start: 86 @6090 has 111 MA's), (Start: 87 @6093 has 14 MA's), (240, 6360), (257, 6411), (263, 6423), (296, 6498), (317, 6561), (324, 6573), (333, 6594), (339, 6606), (342, 6624), (346, 6642), (353, 6666), (381, 6705), (431, 6786), (440, 6810), (441, 6813), (442, 6816), (463, 6825), (505, 6912), (547, 6999),

Gene: Whirlwind_29 Start: 26586, Stop: 27629, Start Num: 74

Candidate Starts for Whirlwind_29:

(Start: 74 @26586 has 17 MA's), (Start: 76 @26592 has 22 MA's), (78, 26598), (Start: 87 @26619 has 14 MA's), (Start: 94 @26640 has 3 MA's), (117, 26691), (136, 26721), (163, 26772), (180, 26805), (188, 26817), (223, 26877), (255, 26958), (257, 26964), (274, 27009), (299, 27060), (303, 27078), (305, 27084), (307, 27090), (342, 27162), (368, 27219), (398, 27279), (431, 27354), (439, 27375), (472, 27399), (479, 27414), (481, 27420), (511, 27483), (555, 27585), (559, 27606), (561, 27612),

Gene: Whouxphf_32 Start: 28010, Stop: 29011, Start Num: 55

Candidate Starts for Whouxphf_32:

(Start: 55 @28010 has 239 MA's), (82, 28085), (95, 28118), (116, 28148), (Start: 129 @28169 has 1 MA's), (145, 28199), (149, 28211), (Start: 174 @28253 has 1 MA's), (188, 28277), (Start: 203 @28292 has 1 MA's), (207, 28304), (257, 28415), (301, 28529), (307, 28547), (328, 28586), (339, 28610), (346, 28646), (354, 28673), (381, 28712), (410, 28760), (440, 28820), (478, 28868), (485, 28880), (507, 28925), (511, 28937), (527, 28967),

Gene: WideWale_13 Start: 6926, Stop: 7903, Start Num: 67

Candidate Starts for WideWale_13:

(Start: 67 @6926 has 52 MA's), (Start: 87 @6980 has 14 MA's), (133, 7037), (213, 7169), (235, 7217), (257, 7274), (271, 7310), (296, 7358), (305, 7397), (340, 7469), (342, 7484), (354, 7529), (362, 7547), (389, 7589), (410, 7637), (426, 7664), (434, 7679), (440, 7697), (441, 7700), (501, 7790),

Gene: Wiggin_38 Start: 32362, Stop: 33219, Start Num: 165

Candidate Starts for Wiggin_38:

(Start: 165 @32362 has 123 MA's), (185, 32401), (207, 32431), (217, 32452), (233, 32488), (244, 32518), (276, 32593), (296, 32641), (298, 32644), (301, 32668), (302, 32671), (307, 32686), (381, 32857), (435, 32971), (440, 32986), (442, 32992), (478, 33034), (479, 33037), (507, 33091), (539, 33169), (552, 33202),

Gene: Wigglewigggle_28 Start: 26335, Stop: 27306, Start Num: 76

Candidate Starts for Wigglewigggle_28:

(Start: 76 @26335 has 22 MA's), (Start: 97 @26389 has 1 MA's), (154, 26509), (172, 26539), (180, 26554), (Start: 203 @26587 has 1 MA's), (204, 26590), (207, 26599), (219, 26620), (244, 26683), (257, 26710), (266, 26734), (279, 26764), (301, 26815), (305, 26827), (340, 26890), (342, 26905),

(361, 26965), (370, 26980), (405, 27061), (413, 27079), (415, 27082), (420, 27085), (484, 27136), (507, 27181), (525, 27223), (547, 27265),

Gene: Wilbur_10 Start: 5880, Stop: 6860, Start Num: 86

Candidate Starts for Wilbur_10:

(Start: 86 @5880 has 111 MA's), (Start: 87 @5883 has 14 MA's), (95, 5907), (Start: 104 @5928 has 1 MA's), (Start: 106 @5931 has 1 MA's), (234, 6180), (257, 6237), (297, 6321), (300, 6342), (311, 6369), (342, 6426), (405, 6576), (502, 6687), (507, 6699), (511, 6711), (545, 6777),

Gene: Wildcat_52 Start: 38376, Stop: 39341, Start Num: 55

Candidate Starts for Wildcat_52:

(Start: 55 @38376 has 239 MA's), (Start: 77 @38439 has 5 MA's), (118, 38499), (126, 38514), (Start: 129 @38517 has 1 MA's), (Start: 137 @38529 has 50 MA's), (139, 38535), (160, 38571), (162, 38574), (207, 38646), (213, 38661), (217, 38667), (244, 38730), (257, 38760), (269, 38793), (300, 38856), (301, 38859), (317, 38898), (333, 38931), (342, 38958), (344, 38967), (353, 39000), (436, 39135), (441, 39150), (478, 39195), (501, 39237), (511, 39264), (532, 39306),

Gene: Wilder_28 Start: 26308, Stop: 27279, Start Num: 76

Candidate Starts for Wilder_28:

(Start: 76 @26308 has 22 MA's), (Start: 97 @26362 has 1 MA's), (154, 26482), (172, 26512), (180, 26527), (Start: 203 @26560 has 1 MA's), (204, 26563), (207, 26572), (219, 26593), (244, 26656), (257, 26683), (266, 26707), (279, 26737), (301, 26788), (305, 26800), (340, 26863), (342, 26878), (361, 26938), (370, 26953), (405, 27034), (413, 27052), (415, 27055), (420, 27058), (484, 27109), (507, 27154), (525, 27196), (547, 27238),

Gene: Wildflower_67 Start: 42973, Stop: 44013, Start Num: 55

Candidate Starts for Wildflower_67:

(Start: 55 @42973 has 239 MA's), (82, 43048), (116, 43129), (119, 43135), (Start: 129 @43150 has 1 MA's), (172, 43231), (Start: 174 @43234 has 1 MA's), (207, 43288), (213, 43303), (257, 43399), (272, 43438), (284, 43468), (294, 43498), (295, 43501), (302, 43534), (333, 43600), (344, 43639), (346, 43648), (354, 43675), (381, 43714), (488, 43888), (511, 43939),

Gene: Wile_10 Start: 5888, Stop: 6871, Start Num: 84

Candidate Starts for Wile_10:

(Start: 84 @5888 has 68 MA's), (95, 5918), (Start: 104 @5939 has 1 MA's), (Start: 106 @5942 has 1 MA's), (234, 6191), (255, 6242), (257, 6248), (263, 6260), (273, 6290), (297, 6332), (311, 6380), (334, 6410), (342, 6437), (405, 6587), (507, 6710), (511, 6722), (515, 6731), (545, 6788), (565, 6863),

Gene: Wilkins_10 Start: 5750, Stop: 6718, Start Num: 66

Candidate Starts for Wilkins_10:

(Start: 66 @5750 has 202 MA's), (Start: 77 @5783 has 5 MA's), (Start: 86 @5801 has 111 MA's), (Start: 87 @5804 has 14 MA's), (240, 6071), (257, 6122), (263, 6134), (296, 6209), (317, 6272), (324, 6284), (333, 6305), (339, 6317), (342, 6335), (346, 6353), (353, 6377), (381, 6416), (431, 6497), (440, 6521), (441, 6524), (442, 6527), (463, 6536), (505, 6623), (547, 6710),

Gene: WillSterrel_33 Start: 29145, Stop: 30146, Start Num: 55

Candidate Starts for WillSterrel_33:

(35, 29046), (47, 29118), (Start: 55 @29145 has 239 MA's), (Start: 62 @29166 has 3 MA's), (68, 29178), (82, 29220), (95, 29253), (116, 29283), (Start: 129 @29304 has 1 MA's), (Start: 174 @29388 has 1 MA's), (188, 29412), (Start: 203 @29427 has 1 MA's), (207, 29439), (257, 29550), (300, 29661), (307, 29682), (328, 29721), (346, 29781), (354, 29808), (381, 29847), (440, 29955), (463, 29970), (478, 30003), (511, 30072), (527, 30102),

Gene: Willez_34 Start: 31362, Stop: 32219, Start Num: 165

Candidate Starts for Willez_34:

(Start: 165 @31362 has 123 MA's), (185, 31401), (207, 31431), (217, 31452), (233, 31488), (244, 31518), (276, 31593), (296, 31641), (298, 31644), (301, 31668), (302, 31671), (307, 31686), (381, 31857), (435, 31971), (440, 31986), (442, 31992), (478, 32034), (479, 32037), (507, 32091), (539, 32169), (552, 32202),

Gene: Willis_253 Start: 144716, Stop: 145744, Start Num: 49

Candidate Starts for Willis_253:

(Start: 49 @144716 has 167 MA's), (Start: 62 @144746 has 3 MA's), (68, 144758), (82, 144800), (116, 144863), (Start: 129 @144884 has 1 MA's), (Start: 174 @144968 has 1 MA's), (Start: 203 @145010 has 1 MA's), (207, 145022), (213, 145037), (244, 145106), (257, 145133), (278, 145187), (294, 145232), (295, 145235), (323, 145313), (333, 145334), (381, 145445), (434, 145535), (440, 145553), (493, 145625), (507, 145658),

Gene: Winget_68 Start: 43679, Stop: 44719, Start Num: 55

Candidate Starts for Winget_68:

(Start: 55 @43679 has 239 MA's), (82, 43754), (116, 43835), (119, 43841), (Start: 129 @43856 has 1 MA's), (172, 43937), (Start: 174 @43940 has 1 MA's), (207, 43994), (213, 44009), (257, 44105), (272, 44144), (284, 44174), (294, 44204), (295, 44207), (302, 44240), (333, 44306), (344, 44345), (346, 44354), (354, 44381), (381, 44420), (488, 44594), (511, 44645),

Gene: Winky_28 Start: 26303, Stop: 27274, Start Num: 76

Candidate Starts for Winky_28:

(Start: 76 @26303 has 22 MA's), (Start: 97 @26357 has 1 MA's), (172, 26507), (177, 26516), (180, 26522), (Start: 203 @26555 has 1 MA's), (204, 26558), (207, 26567), (219, 26588), (244, 26651), (257, 26678), (266, 26702), (301, 26783), (305, 26795), (340, 26858), (342, 26873), (361, 26933), (370, 26948), (405, 27029), (413, 27047), (415, 27050), (420, 27053), (484, 27104), (507, 27149), (525, 27191), (547, 27233),

Gene: Wintermute_32 Start: 27629, Stop: 28420, Start Num: 173

Candidate Starts for Wintermute_32:

(Start: 173 @27629 has 20 MA's), (Start: 203 @27662 has 1 MA's), (219, 27695), (229, 27719), (239, 27740), (253, 27788), (257, 27797), (271, 27833), (304, 27914), (397, 28121), (405, 28148), (408, 28154), (415, 28169), (430, 28193), (479, 28217), (496, 28238), (507, 28271), (511, 28283), (545, 28355),

Gene: Wizard007_10 Start: 5883, Stop: 6863, Start Num: 86

Candidate Starts for Wizard007_10:

(Start: 86 @5883 has 111 MA's), (Start: 87 @5886 has 14 MA's), (95, 5910), (Start: 104 @5931 has 1 MA's), (Start: 106 @5934 has 1 MA's), (234, 6183), (257, 6240), (297, 6324), (300, 6345), (311, 6372), (334, 6402), (342, 6429), (405, 6579), (502, 6690), (507, 6702), (511, 6714), (545, 6780),

Gene: Wooldri_14 Start: 5873, Stop: 6838, Start Num: 59

Candidate Starts for Wooldri_14:

(Start: 59 @5873 has 93 MA's), (78, 5918), (Start: 87 @5939 has 14 MA's), (158, 6059), (235, 6197), (257, 6254), (264, 6269), (300, 6350), (305, 6365), (314, 6383), (339, 6434), (342, 6452), (354, 6497), (410, 6593), (441, 6656), (474, 6695), (501, 6746),

Gene: Wyatt2_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Wyatt2_26:

(Start: 54 @25547 has 29 MA's), (127, 25700), (130, 25703), (141, 25727), (147, 25739), (155, 25757), (166, 25775), (176, 25793), (179, 25799), (183, 25808), (196, 25823), (204, 25838), (235,

25910), (257, 25967), (272, 26006), (302, 26084), (305, 26093), (306, 26096), (314, 26111), (338, 26165), (342, 26186), (345, 26201), (387, 26285), (402, 26315), (441, 26384), (463, 26396), (474, 26420), (481, 26438), (485, 26441), (493, 26453), (495, 26456), (507, 26486), (511, 26498),

Gene: XFactor_31 Start: 27697, Stop: 28698, Start Num: 55

Candidate Starts for XFactor_31:

(Start: 55 @27697 has 239 MA's), (Start: 62 @27718 has 3 MA's), (68, 27730), (82, 27772), (116, 27835), (Start: 129 @27856 has 1 MA's), (145, 27886), (Start: 174 @27940 has 1 MA's), (188, 27964), (207, 27991), (257, 28102), (301, 28216), (307, 28234), (328, 28273), (339, 28297), (346, 28333), (354, 28360), (381, 28399), (410, 28447), (440, 28507), (485, 28567), (511, 28624), (527, 28654),

Gene: Xandras_37 Start: 31848, Stop: 32705, Start Num: 165

Candidate Starts for Xandras_37:

(Start: 165 @31848 has 123 MA's), (185, 31887), (207, 31917), (217, 31938), (233, 31974), (244, 32004), (276, 32079), (296, 32127), (298, 32130), (301, 32154), (302, 32157), (307, 32172), (381, 32343), (435, 32457), (440, 32472), (442, 32478), (478, 32520), (479, 32523), (507, 32577), (539, 32655), (552, 32688),

Gene: Xena_10 Start: 5878, Stop: 6858, Start Num: 86

Candidate Starts for Xena_10:

(Start: 55 @5818 has 239 MA's), (Start: 62 @5836 has 3 MA's), (Start: 86 @5878 has 111 MA's), (Start: 87 @5881 has 14 MA's), (95, 5905), (Start: 104 @5926 has 1 MA's), (Start: 106 @5929 has 1 MA's), (234, 6178), (255, 6229), (257, 6235), (263, 6247), (273, 6277), (297, 6319), (311, 6367), (334, 6397), (342, 6424), (405, 6574), (507, 6697), (511, 6709), (515, 6718), (545, 6775), (565, 6850),

Gene: XianYue_11 Start: 6359, Stop: 7345, Start Num: 84

Candidate Starts for XianYue_11:

(Start: 84 @6359 has 68 MA's), (95, 6389), (Start: 106 @6413 has 1 MA's), (179, 6548), (234, 6662), (244, 6689), (255, 6713), (257, 6719), (311, 6851), (342, 6908), (405, 7058), (416, 7082), (479, 7127), (503, 7172), (511, 7193), (525, 7229), (545, 7265), (555, 7295),

Gene: Ximenita_32 Start: 25917, Stop: 26660, Start Num: 189

Candidate Starts for Ximenita_32:

(169, 25890), (Start: 189 @25917 has 154 MA's), (215, 25959), (219, 25965), (234, 26001), (253, 26049), (257, 26058), (271, 26094), (287, 26136), (334, 26244), (397, 26379), (401, 26394), (405, 26406), (415, 26427), (437, 26442), (451, 26451), (543, 26610), (552, 26631), (555, 26640),

Gene: Y10_32 Start: 27629, Stop: 28420, Start Num: 173

Candidate Starts for Y10_32:

(Start: 173 @27629 has 20 MA's), (Start: 203 @27662 has 1 MA's), (219, 27695), (229, 27719), (239, 27740), (253, 27788), (257, 27797), (271, 27833), (304, 27914), (397, 28121), (405, 28148), (408, 28154), (415, 28169), (430, 28193), (479, 28217), (496, 28238), (507, 28271), (511, 28283), (545, 28355),

Gene: Y2_32 Start: 27629, Stop: 28420, Start Num: 173

Candidate Starts for Y2_32:

(Start: 173 @27629 has 20 MA's), (Start: 203 @27662 has 1 MA's), (219, 27695), (229, 27719), (239, 27740), (253, 27788), (257, 27797), (271, 27833), (304, 27914), (397, 28121), (405, 28148), (408, 28154), (415, 28169), (430, 28193), (479, 28217), (496, 28238), (507, 28271), (511, 28283), (545, 28355),

Gene: Yahalom_47 Start: 41547, Stop: 42611, Start Num: 102

Candidate Starts for Yahalom_47:

(Start: 102 @41547 has 45 MA's), (134, 41610), (179, 41691), (212, 41757), (222, 41772), (226, 41784), (237, 41811), (256, 41868), (260, 41877), (323, 42024), (332, 42039), (349, 42093), (366, 42126), (388, 42165), (396, 42177), (432, 42258), (442, 42276), (443, 42279), (448, 42324), (478, 42435), (529, 42546), (540, 42567), (553, 42600),

Gene: YassJohnny_36 Start: 32373, Stop: 33230, Start Num: 165

Candidate Starts for YassJohnny_36:

(Start: 165 @32373 has 123 MA's), (185, 32412), (207, 32442), (217, 32463), (233, 32499), (244, 32529), (276, 32604), (296, 32652), (298, 32655), (301, 32679), (302, 32682), (307, 32697), (381, 32868), (435, 32982), (440, 32997), (442, 33003), (478, 33045), (479, 33048), (507, 33102), (539, 33180), (552, 33213),

Gene: Yassified_248 Start: 143912, Stop: 144940, Start Num: 49

Candidate Starts for Yassified_248:

(Start: 49 @143912 has 167 MA's), (Start: 62 @143942 has 3 MA's), (82, 143996), (116, 144059), (Start: 129 @144080 has 1 MA's), (Start: 174 @144164 has 1 MA's), (Start: 203 @144206 has 1 MA's), (207, 144218), (213, 144233), (244, 144302), (257, 144329), (278, 144383), (294, 144428), (295, 144431), (323, 144509), (333, 144530), (381, 144641), (434, 144731), (440, 144749), (493, 144821), (507, 144854),

Gene: Yeet_47 Start: 41871, Stop: 42743, Start Num: 108

Candidate Starts for Yeet_47:

(Start: 108 @41871 has 40 MA's), (Start: 122 @41898 has 1 MA's), (153, 41958), (181, 42006), (218, 42072), (228, 42093), (240, 42114), (260, 42168), (292, 42249), (427, 42528), (429, 42531), (453, 42555), (471, 42591), (478, 42606), (483, 42618), (498, 42639),

Gene: Yelo_39 Start: 35335, Stop: 36384, Start Num: 108

Candidate Starts for Yelo_39:

(Start: 108 @35335 has 40 MA's), (151, 35419), (156, 35428), (169, 35452), (188, 35482), (201, 35503), (208, 35521), (216, 35539), (226, 35560), (229, 35569), (236, 35587), (245, 35614), (260, 35656), (315, 35788), (327, 35809), (359, 35908), (407, 36007), (440, 36061), (472, 36211), (486, 36238), (492, 36247), (510, 36289), (511, 36292), (514, 36298), (519, 36307), (535, 36343), (540, 36352), (546, 36361),

Gene: YemiJoy2021_253 Start: 145447, Stop: 146475, Start Num: 49

Candidate Starts for YemiJoy2021_253:

(Start: 49 @145447 has 167 MA's), (Start: 62 @145477 has 3 MA's), (68, 145489), (82, 145531), (116, 145594), (Start: 129 @145615 has 1 MA's), (Start: 174 @145699 has 1 MA's), (Start: 203 @145741 has 1 MA's), (207, 145753), (213, 145768), (244, 145837), (257, 145864), (278, 145918), (294, 145963), (295, 145966), (323, 146044), (333, 146065), (381, 146176), (434, 146266), (440, 146284), (493, 146356), (507, 146389),

Gene: Yinz_47 Start: 41573, Stop: 42637, Start Num: 102

Candidate Starts for Yinz_47:

(Start: 102 @41573 has 45 MA's), (134, 41636), (179, 41717), (212, 41783), (222, 41798), (226, 41810), (237, 41837), (256, 41894), (260, 41903), (323, 42050), (332, 42065), (349, 42119), (366, 42152), (388, 42191), (396, 42203), (432, 42284), (442, 42302), (443, 42305), (478, 42461), (529, 42572), (540, 42593), (553, 42626),

Gene: YoSam321_10 Start: 5881, Stop: 6861, Start Num: 86

Candidate Starts for YoSam321_10:

(Start: 86 @5881 has 111 MA's), (Start: 87 @5884 has 14 MA's), (95, 5908), (Start: 104 @5929 has 1 MA's), (Start: 106 @5932 has 1 MA's), (234, 6181), (257, 6238), (282, 6301), (297, 6322), (300, 6343),

(311, 6370), (334, 6400), (342, 6427), (405, 6577), (507, 6700), (511, 6712), (558, 6823),

Gene: Yorick_31 Start: 27697, Stop: 28698, Start Num: 55

Candidate Starts for Yorick_31:

(Start: 55 @27697 has 239 MA's), (Start: 62 @27718 has 3 MA's), (68, 27730), (82, 27772), (116, 27835), (Start: 129 @27856 has 1 MA's), (145, 27886), (Start: 174 @27940 has 1 MA's), (188, 27964), (Start: 203 @27979 has 1 MA's), (207, 27991), (257, 28102), (301, 28216), (307, 28234), (328, 28273), (339, 28297), (346, 28333), (354, 28360), (381, 28399), (410, 28447), (440, 28507), (485, 28567), (511, 28624), (527, 28654),

Gene: Yoshi_38 Start: 27091, Stop: 28161, Start Num: 113

Candidate Starts for Yoshi_38:

(Start: 113 @27091 has 21 MA's), (226, 27307), (229, 27316), (245, 27361), (260, 27403), (278, 27454), (298, 27496), (308, 27538), (323, 27568), (335, 27598), (337, 27601), (358, 27676), (369, 27697), (375, 27709), (381, 27721), (394, 27742), (432, 27826), (448, 27901), (478, 28009), (479, 28012), (481, 28018), (502, 28054), (503, 28057), (505, 28063), (511, 28078), (542, 28144),

Gene: YoungMoneyMata_252 Start: 144908, Stop: 145936, Start Num: 49

Candidate Starts for YoungMoneyMata_252:

(Start: 49 @144908 has 167 MA's), (Start: 62 @144938 has 3 MA's), (68, 144950), (82, 144992), (116, 145055), (Start: 129 @145076 has 1 MA's), (Start: 174 @145160 has 1 MA's), (Start: 203 @145202 has 1 MA's), (207, 145214), (213, 145229), (244, 145298), (257, 145325), (278, 145379), (294, 145424), (295, 145427), (323, 145505), (333, 145526), (381, 145637), (434, 145727), (440, 145745), (493, 145817), (507, 145850),

Gene: Youngblood_35 Start: 32018, Stop: 32875, Start Num: 165

Candidate Starts for Youngblood_35:

(Start: 165 @32018 has 123 MA's), (185, 32057), (207, 32087), (217, 32108), (233, 32144), (244, 32174), (276, 32249), (296, 32297), (298, 32300), (301, 32324), (302, 32327), (307, 32342), (381, 32513), (435, 32627), (440, 32642), (442, 32648), (478, 32690), (479, 32693), (507, 32747), (539, 32825), (552, 32858),

Gene: YoureAdopted_30 Start: 26430, Stop: 27302, Start Num: 189

Candidate Starts for YoureAdopted_30:

(40, 26100), (128, 26328), (169, 26403), (Start: 189 @26430 has 154 MA's), (Start: 203 @26442 has 1 MA's), (234, 26511), (244, 26538), (253, 26568), (257, 26577), (271, 26613), (287, 26655), (294, 26673), (302, 26703), (334, 26763), (397, 26898), (405, 26925), (415, 26946), (430, 26970), (447, 27021), (481, 27123), (502, 27159), (511, 27183), (555, 27282), (557, 27291),

Gene: Yucca_253 Start: 145888, Stop: 146916, Start Num: 49

Candidate Starts for Yucca_253:

(Start: 49 @145888 has 167 MA's), (Start: 62 @145918 has 3 MA's), (68, 145930), (82, 145972), (116, 146035), (Start: 129 @146056 has 1 MA's), (Start: 174 @146140 has 1 MA's), (Start: 203 @146182 has 1 MA's), (207, 146194), (213, 146209), (244, 146278), (257, 146305), (278, 146359), (294, 146404), (295, 146407), (323, 146485), (333, 146506), (381, 146617), (434, 146707), (440, 146725), (493, 146797), (507, 146830),

Gene: Yuna_32 Start: 26320, Stop: 27069, Start Num: 189

Candidate Starts for Yuna_32:

(128, 26218), (Start: 138 @26239 has 3 MA's), (159, 26272), (169, 26293), (Start: 189 @26320 has 154 MA's), (Start: 203 @26332 has 1 MA's), (204, 26335), (215, 26359), (219, 26365), (234, 26401), (253, 26449), (257, 26458), (274, 26503), (287, 26536), (302, 26584), (342, 26671), (397, 26779), (405, 26806), (415, 26827), (430, 26851), (502, 26926), (511, 26950), (531, 26998), (552, 27040),

(555, 27049),

Gene: YungJamal_72 Start: 44871, Stop: 45911, Start Num: 55

Candidate Starts for YungJamal_72:

(Start: 55 @44871 has 239 MA's), (82, 44946), (116, 45027), (119, 45033), (Start: 129 @45048 has 1 MA's), (172, 45129), (Start: 174 @45132 has 1 MA's), (207, 45186), (213, 45201), (257, 45297), (272, 45336), (284, 45366), (294, 45396), (295, 45399), (302, 45432), (333, 45498), (344, 45537), (346, 45546), (354, 45573), (381, 45612), (410, 45660), (488, 45786), (511, 45837),

Gene: Yunkel11_31 Start: 25718, Stop: 26587, Start Num: 189

Candidate Starts for Yunkel11_31:

(159, 25670), (169, 25691), (Start: 189 @25718 has 154 MA's), (Start: 203 @25730 has 1 MA's), (215, 25757), (219, 25763), (231, 25793), (234, 25799), (257, 25862), (271, 25898), (274, 25907), (287, 25940), (302, 25988), (339, 26057), (405, 26210), (415, 26231), (430, 26255), (437, 26273), (444, 26294), (451, 26333), (481, 26408), (502, 26444), (543, 26537), (555, 26567), (557, 26576),

Gene: Zabiza_31 Start: 26461, Stop: 27333, Start Num: 189

Candidate Starts for Zabiza_31:

(169, 26434), (Start: 189 @26461 has 154 MA's), (Start: 203 @26473 has 1 MA's), (234, 26542), (244, 26569), (253, 26599), (257, 26608), (271, 26644), (274, 26653), (287, 26686), (294, 26704), (302, 26734), (333, 26791), (334, 26794), (397, 26929), (405, 26956), (415, 26977), (430, 27001), (447, 27052), (481, 27154), (502, 27190), (511, 27214), (555, 27313), (557, 27322),

Gene: Zakai_28 Start: 26511, Stop: 27539, Start Num: 54

Candidate Starts for Zakai_28:

(Start: 54 @26511 has 29 MA's), (121, 26655), (125, 26661), (198, 26790), (202, 26799), (257, 26931), (302, 27048), (305, 27057), (306, 27060), (314, 27075), (342, 27150), (345, 27165), (402, 27279), (423, 27306), (436, 27333), (441, 27348), (463, 27360), (498, 27426),

Gene: Zakhe101_66 Start: 43519, Stop: 44559, Start Num: 55

Candidate Starts for Zakhe101_66:

(Start: 55 @43519 has 239 MA's), (82, 43594), (116, 43675), (119, 43681), (Start: 129 @43696 has 1 MA's), (172, 43777), (Start: 174 @43780 has 1 MA's), (207, 43834), (213, 43849), (257, 43945), (272, 43984), (284, 44014), (294, 44044), (295, 44047), (302, 44080), (333, 44146), (344, 44185), (346, 44194), (354, 44221), (381, 44260), (488, 44434), (511, 44485),

Gene: Zalkecks_251 Start: 144545, Stop: 145573, Start Num: 49

Candidate Starts for Zalkecks_251:

(Start: 49 @144545 has 167 MA's), (Start: 62 @144575 has 3 MA's), (68, 144587), (82, 144629), (116, 144692), (Start: 129 @144713 has 1 MA's), (Start: 174 @144797 has 1 MA's), (Start: 203 @144839 has 1 MA's), (207, 144851), (213, 144866), (244, 144935), (257, 144962), (278, 145016), (294, 145061), (295, 145064), (323, 145142), (333, 145163), (381, 145274), (434, 145364), (440, 145382), (493, 145454), (507, 145487),

Gene: Zapner_38 Start: 28198, Stop: 29271, Start Num: 113

Candidate Starts for Zapner_38:

(Start: 113 @28198 has 21 MA's), (Start: 129 @28225 has 1 MA's), (144, 28255), (195, 28348), (201, 28357), (205, 28366), (229, 28423), (245, 28468), (256, 28501), (260, 28510), (278, 28561), (298, 28603), (301, 28627), (304, 28636), (308, 28648), (323, 28678), (335, 28708), (337, 28711), (349, 28768), (351, 28771), (358, 28786), (364, 28798), (369, 28807), (381, 28831), (396, 28855), (432, 28936), (448, 29011), (479, 29122), (502, 29164), (503, 29167), (505, 29173), (511, 29188), (542, 29254),

Gene: Zaria_26 Start: 25561, Stop: 26592, Start Num: 54

Candidate Starts for Zaria_26:

(Start: 54 @25561 has 29 MA's), (127, 25714), (130, 25717), (141, 25741), (147, 25753), (155, 25771), (166, 25789), (176, 25807), (179, 25813), (183, 25822), (196, 25837), (204, 25852), (235, 25924), (257, 25981), (272, 26020), (302, 26098), (305, 26107), (306, 26110), (314, 26125), (338, 26179), (342, 26200), (345, 26215), (387, 26299), (402, 26329), (441, 26398), (463, 26410), (474, 26434), (481, 26452), (485, 26455), (493, 26467), (495, 26470), (507, 26500), (511, 26512),

Gene: Zavala_31 Start: 26436, Stop: 27308, Start Num: 189

Candidate Starts for Zavala_31:

(169, 26409), (Start: 189 @26436 has 154 MA's), (Start: 203 @26448 has 1 MA's), (234, 26517), (244, 26544), (253, 26574), (257, 26583), (271, 26619), (274, 26628), (287, 26661), (294, 26679), (302, 26709), (334, 26769), (397, 26904), (405, 26931), (415, 26952), (430, 26976), (447, 27027), (481, 27129), (502, 27165), (511, 27189), (555, 27288), (557, 27297),

Gene: Zeeculate_9 Start: 5734, Stop: 6702, Start Num: 66

Candidate Starts for Zeeculate_9:

(Start: 66 @5734 has 202 MA's), (Start: 77 @5767 has 5 MA's), (Start: 86 @5785 has 111 MA's), (Start: 87 @5788 has 14 MA's), (240, 6055), (257, 6106), (263, 6118), (296, 6193), (317, 6256), (324, 6268), (333, 6289), (339, 6301), (342, 6319), (346, 6337), (353, 6361), (381, 6400), (431, 6481), (440, 6505), (441, 6508), (442, 6511), (463, 6520), (505, 6607), (527, 6652), (547, 6694),

Gene: Zeenon_253 Start: 145079, Stop: 146107, Start Num: 49

Candidate Starts for Zeenon_253:

(Start: 49 @145079 has 167 MA's), (Start: 62 @145109 has 3 MA's), (68, 145121), (82, 145163), (116, 145226), (Start: 129 @145247 has 1 MA's), (Start: 174 @145331 has 1 MA's), (Start: 203 @145373 has 1 MA's), (207, 145385), (213, 145400), (244, 145469), (257, 145496), (278, 145550), (294, 145595), (295, 145598), (323, 145676), (333, 145697), (381, 145808), (434, 145898), (440, 145916), (493, 145988), (507, 146021),

Gene: Zelink_50 Start: 43683, Stop: 44528, Start Num: 122

Candidate Starts for Zelink_50:

(Start: 108 @43656 has 40 MA's), (Start: 122 @43683 has 1 MA's), (195, 43812), (218, 43857), (228, 43878), (240, 43899), (260, 43953), (292, 44034), (427, 44313), (429, 44316), (453, 44340), (471, 44376), (478, 44391), (483, 44403), (498, 44424),

Gene: Zenon_40 Start: 35354, Stop: 36403, Start Num: 108

Candidate Starts for Zenon_40:

(Start: 108 @35354 has 40 MA's), (151, 35438), (156, 35447), (169, 35471), (188, 35501), (201, 35522), (208, 35540), (216, 35558), (226, 35579), (229, 35588), (236, 35606), (245, 35633), (260, 35675), (298, 35765), (315, 35807), (327, 35828), (359, 35927), (373, 35954), (407, 36026), (440, 36080), (472, 36230), (486, 36257), (492, 36266), (510, 36308), (511, 36311), (514, 36317), (519, 36326), (535, 36362), (540, 36371), (546, 36380),

Gene: Zenteno07_53 Start: 41898, Stop: 42902, Start Num: 83

Candidate Starts for Zenteno07_53:

(Start: 83 @41898 has 4 MA's), (95, 41928), (101, 41943), (Start: 104 @41949 has 1 MA's), (Start: 106 @41952 has 1 MA's), (179, 42093), (188, 42108), (255, 42258), (257, 42264), (271, 42300), (282, 42327), (297, 42348), (318, 42411), (342, 42459), (405, 42609), (416, 42633), (422, 42639), (478, 42675), (484, 42687), (511, 42744),

Gene: Zephyr_10 Start: 5875, Stop: 6843, Start Num: 66

Candidate Starts for Zephyr_10:

(Start: 66 @5875 has 202 MA's), (Start: 77 @5908 has 5 MA's), (Start: 86 @5926 has 111 MA's), (Start: 87 @5929 has 14 MA's), (240, 6196), (257, 6247), (263, 6259), (296, 6334), (317, 6397), (333, 6430), (339, 6442), (342, 6460), (346, 6478), (353, 6502), (381, 6541), (431, 6622), (440, 6646), (441, 6649), (442, 6652), (463, 6661), (505, 6748), (527, 6793), (547, 6835),

Gene: Zerg_31 Start: 27550, Stop: 28551, Start Num: 55

Candidate Starts for Zerg_31:

(8, 27070), (12, 27109), (22, 27262), (25, 27298), (Start: 55 @27550 has 239 MA's), (82, 27625), (95, 27658), (116, 27688), (Start: 129 @27709 has 1 MA's), (Start: 174 @27793 has 1 MA's), (188, 27817), (Start: 203 @27832 has 1 MA's), (207, 27844), (257, 27955), (301, 28069), (307, 28087), (328, 28126), (339, 28150), (346, 28186), (354, 28213), (381, 28252), (440, 28360), (485, 28420), (507, 28465), (511, 28477), (527, 28507),

Gene: Zetzy_11 Start: 5527, Stop: 6492, Start Num: 59

Candidate Starts for Zetzy_11:

(Start: 59 @5527 has 93 MA's), (61, 5533), (78, 5572), (Start: 87 @5593 has 14 MA's), (158, 5713), (235, 5851), (257, 5908), (264, 5923), (300, 6004), (305, 6019), (338, 6085), (339, 6088), (340, 6091), (342, 6106), (410, 6247), (426, 6274), (440, 6307), (441, 6310), (474, 6349),

Gene: Zeuska_11 Start: 6553, Stop: 7521, Start Num: 66

Candidate Starts for Zeuska_11:

(Start: 66 @6553 has 202 MA's), (Start: 77 @6586 has 5 MA's), (Start: 86 @6604 has 111 MA's), (Start: 87 @6607 has 14 MA's), (240, 6874), (257, 6925), (263, 6937), (296, 7012), (317, 7075), (324, 7087), (333, 7108), (339, 7120), (342, 7138), (346, 7156), (353, 7180), (381, 7219), (431, 7300), (440, 7324), (441, 7327), (442, 7330), (463, 7339), (505, 7426), (527, 7471), (547, 7513),

Gene: ZhongYanYuan_27 Start: 26124, Stop: 27095, Start Num: 76

Candidate Starts for ZhongYanYuan_27:

(Start: 76 @26124 has 22 MA's), (Start: 97 @26178 has 1 MA's), (154, 26298), (164, 26313), (172, 26328), (180, 26343), (Start: 203 @26376 has 1 MA's), (207, 26388), (219, 26409), (244, 26472), (257, 26499), (266, 26523), (301, 26604), (305, 26616), (318, 26643), (340, 26679), (342, 26694), (345, 26709), (361, 26754), (370, 26769), (405, 26850), (413, 26868), (415, 26871), (420, 26874), (434, 26901), (484, 26925), (507, 26970), (525, 27012), (547, 27054),

Gene: Zimmer_13 Start: 8022, Stop: 8996, Start Num: 67

Candidate Starts for Zimmer_13:

(Start: 67 @8022 has 52 MA's), (Start: 87 @8076 has 14 MA's), (126, 8136), (160, 8196), (227, 8322), (232, 8334), (236, 8343), (257, 8397), (264, 8412), (296, 8481), (300, 8505), (302, 8511), (305, 8520), (342, 8607), (354, 8649), (410, 8748), (441, 8811), (487, 8874), (498, 8892), (517, 8943),

Gene: Zizzle_31 Start: 27641, Stop: 28642, Start Num: 55

Candidate Starts for Zizzle_31:

(Start: 55 @27641 has 239 MA's), (Start: 62 @27662 has 3 MA's), (68, 27674), (82, 27716), (116, 27779), (Start: 129 @27800 has 1 MA's), (145, 27830), (Start: 174 @27884 has 1 MA's), (188, 27908), (Start: 203 @27923 has 1 MA's), (207, 27935), (257, 28046), (301, 28160), (307, 28178), (328, 28217), (339, 28241), (346, 28277), (354, 28304), (381, 28343), (410, 28391), (440, 28451), (485, 28511), (511, 28568), (527, 28598),

Gene: ZoeJ_29 Start: 24755, Stop: 25963, Start Num: 71

Candidate Starts for ZoeJ_29:

(56, 24713), (Start: 71 @24755 has 10 MA's), (80, 24782), (Start: 87 @24797 has 14 MA's), (103, 24839), (111, 24860), (126, 24887), (178, 24983), (Start: 203 @25016 has 1 MA's), (204, 25019), (219, 25049), (244, 25115), (257, 25154), (292, 25232), (306, 25277), (342, 25352), (368, 25424),

(405, 25517), (415, 25538), (428, 25559), (452, 25670), (457, 25685), (478, 25754), (507, 25811), (543, 25892),

Gene: Zolita_7 Start: 5433, Stop: 6242, Start Num: 137

Candidate Starts for Zolita_7:

(Start: 137 @5433 has 50 MA's), (169, 5496), (175, 5505), (209, 5562), (230, 5610), (250, 5667), (261, 5691), (343, 5880), (356, 5922), (391, 5979), (534, 6228),

Gene: ZygoTaiga_249 Start: 146185, Stop: 147213, Start Num: 49

Candidate Starts for ZygoTaiga_249:

(Start: 49 @146185 has 167 MA's), (Start: 62 @146215 has 3 MA's), (68, 146227), (82, 146269), (116, 146332), (Start: 129 @146353 has 1 MA's), (Start: 174 @146437 has 1 MA's), (Start: 203 @146479 has 1 MA's), (207, 146491), (213, 146506), (244, 146575), (257, 146602), (278, 146656), (294, 146701), (295, 146704), (323, 146782), (333, 146803), (381, 146914), (434, 147004), (440, 147022), (493, 147094), (507, 147127),

Gene: xkcd_36 Start: 32027, Stop: 32884, Start Num: 165

Candidate Starts for xkcd_36:

(Start: 165 @32027 has 123 MA's), (185, 32066), (207, 32096), (217, 32117), (233, 32153), (244, 32183), (276, 32258), (296, 32306), (298, 32309), (301, 32333), (302, 32336), (307, 32351), (381, 32522), (428, 32621), (435, 32636), (440, 32651), (442, 32657), (478, 32699), (479, 32702), (507, 32756), (539, 32834), (552, 32867),