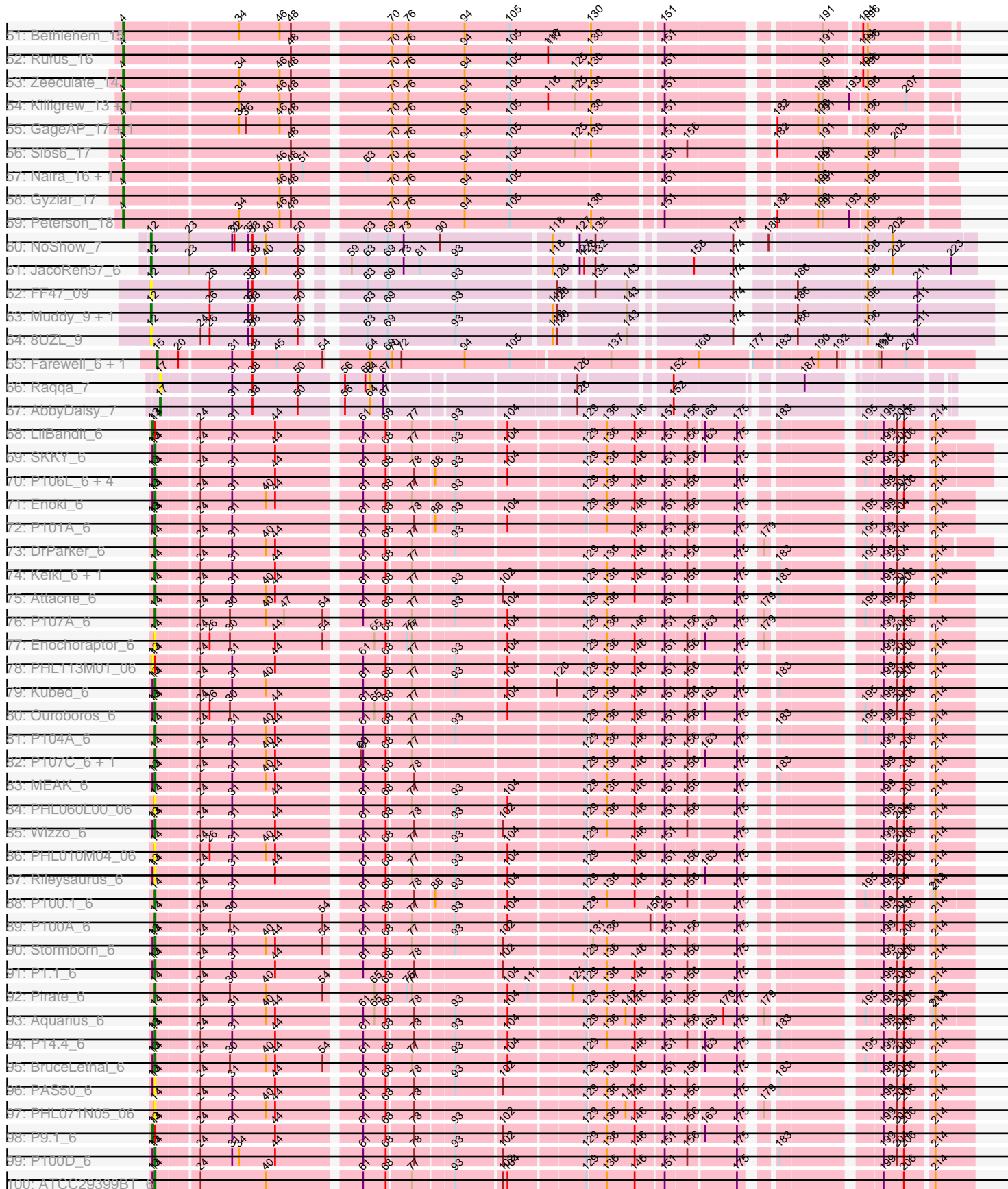


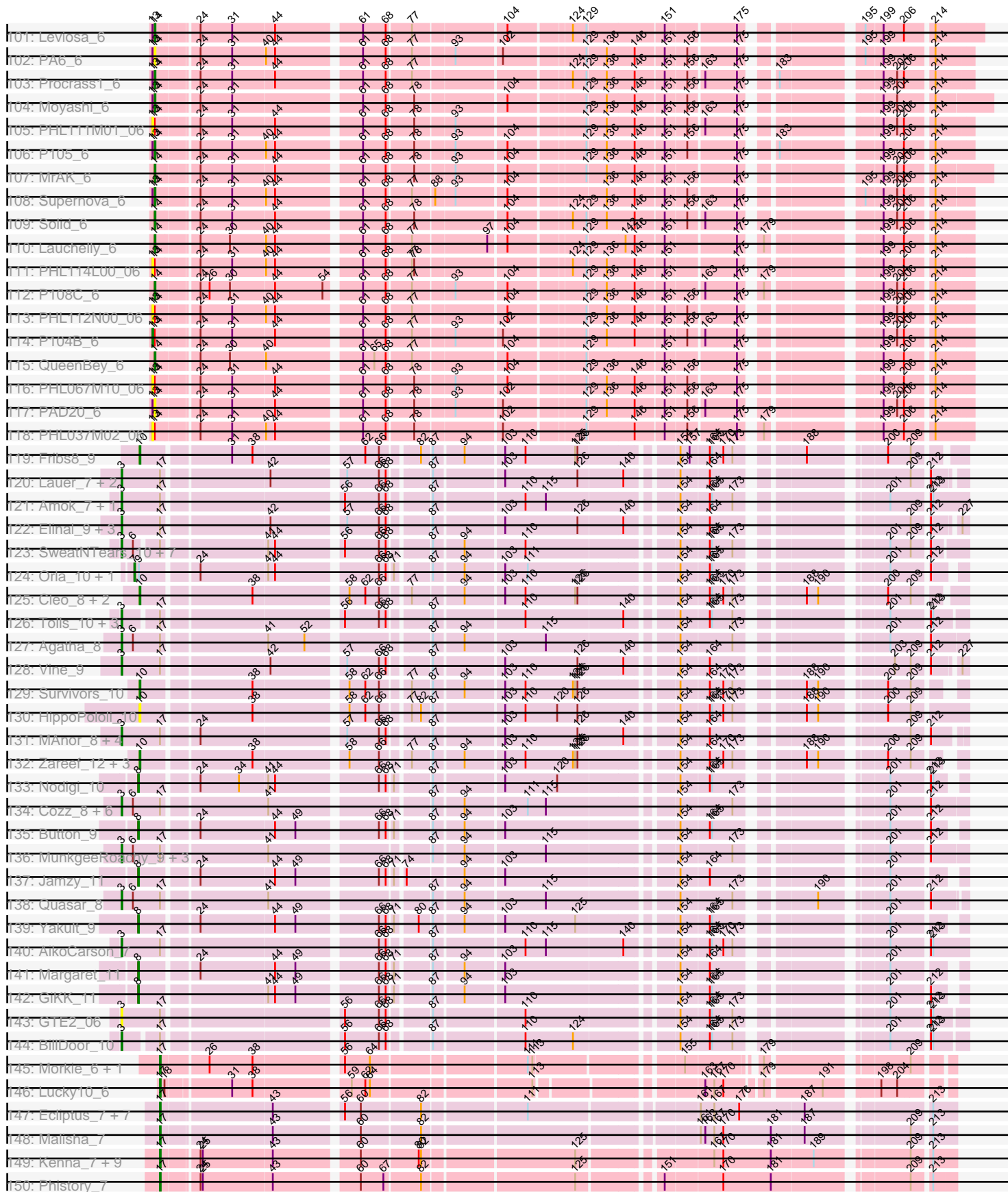
Pham 163222

1: Paraseleene_14 + 1	19	36	51	63	70	76	94	105	130	151	156	182	199	196
2: Parliament_14 + 10	4	36	51	63	70	76	94	105	116	125	130	151	160	196
3: Nerujay_16 + 10	4	36	51	63	70	76	94	105	116	125	130	151	160	203
4: Anglerfish_16 + 4	4	36	51	63	70	76	94	105	116	125	130	151	160	216
5: Lopton_16 + 4	4	36	51	63	70	76	94	105	116	125	130	151	160	203
6: Francis47_15 + 19	4	36	51	63	70	76	94	105	116	125	130	151	160	201
7: Altman_16	4	36	51	63	70	76	94	105	116	125	130	151	160	216
8: A6_13 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	216
9: Peip2012_17 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	203
10: BeesKnees_16 + 6	4	36	51	63	70	76	94	105	116	125	130	151	160	203
11: Euphoria_15 + 4	4	36	51	63	70	76	94	105	116	125	130	151	160	203
12: Bigfoot_14 + 13	4	36	51	63	70	76	94	105	116	125	130	151	160	203
13: Hope4ever_15	4	36	51	63	70	76	94	105	116	125	130	151	160	203
14: PattyP_17 + 8	4	36	51	63	70	76	94	105	116	125	130	151	160	203
15: Briton15_17 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	203
16: Switzer_16	4	36	51	63	70	76	94	105	116	125	130	151	160	216
17: StewieG_14	4	36	51	63	70	76	94	105	116	125	130	151	160	216
18: MetalGZJ_15 + 7	4	36	51	63	70	76	94	105	116	125	130	151	160	201
19: iLeeKay_17 + 12	4	36	51	63	70	76	94	105	116	125	130	151	160	216
20: PacerPaul_15	4	36	51	63	70	76	94	105	116	125	130	151	160	216
21: Solon_15 + 2	4	36	51	63	70	76	94	98	105	125	130	151	160	216
22: Aivin_16	4	36	51	63	70	76	94	98	105	125	130	151	160	216
23: BigPaolini_16 + 2	4	36	51	63	70	76	94	105	116	125	130	151	160	216
24: Seanderson_16	4	36	51	63	70	76	94	105	110	125	130	151	160	216
25: Pepe_16 + 6	4	36	51	63	70	76	94	105	116	125	130	151	160	201
26: Magnito_14	4	36	51	63	70	76	94	105	116	125	130	151	160	201
27: BaconJack_14	4	36	51	63	70	76	94	105	116	125	130	151	160	201
28: Beatrix_14 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	201
29: MiPlant7149_14 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	201
30: Barriga_15 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	203
31: Marsha_15 + 1	4	36	51	63	70	76	94	105	116	125	130	151	160	203
32: Smeagol_16	4	36	51	56	70	76	94	105	116	125	130	151	160	203
33: SkipPole_17	4	36	51	56	70	76	94	105	116	125	130	151	160	216
34: Watermelon_17 + 1	4	36	51	56	70	76	94	105	116	125	130	151	160	201
35: Canyle_17	4	36	51	56	70	76	94	105	116	125	130	151	160	216
36: Crispicus1_17	4	36	51	56	70	76	94	105	116	125	130	151	160	216
37: Scowl_16	4	36	51	56	70	76	94	105	116	125	130	151	160	216
38: Graduation_16 + 1	4	36	51	56	70	76	94	105	116	125	130	151	160	216
39: Lesedi_14	4	36	51	56	70	76	94	105	116	125	130	151	160	216
40: Pinto_17	4	36	51	56	70	76	94	105	116	125	130	151	160	216
41: Michiey_15	4	36	51	56	70	76	94	105	116	125	130	151	160	216
42: Ruotula_14 + 2	4	36	51	56	70	76	94	105	116	125	130	151	160	216
43: Pippin_17 + 5	4	36	51	56	70	76	94	105	116	125	130	151	160	216
44: Aisiro_19	4	36	51	56	70	76	94	105	116	125	130	151	160	216
45: PascalRango_14	4	36	51	56	70	76	94	105	116	125	130	151	160	203
46: HanShotFirst_15	4	36	51	56	70	76	94	105	116	125	130	151	160	203
47: Peily_16 + 1	4	36	51	56	70	76	94	105	116	125	130	151	160	216
48: LiBib_16 + 1	4	36	51	56	70	76	94	110	125	130	151	160	203	216
49: Pari_16	36	51	63	70	76	94	105	110	125	130	151	160	216	216
50: Marge_16	36	51	63	70	76	94	105	110	125	130	151	160	216	216

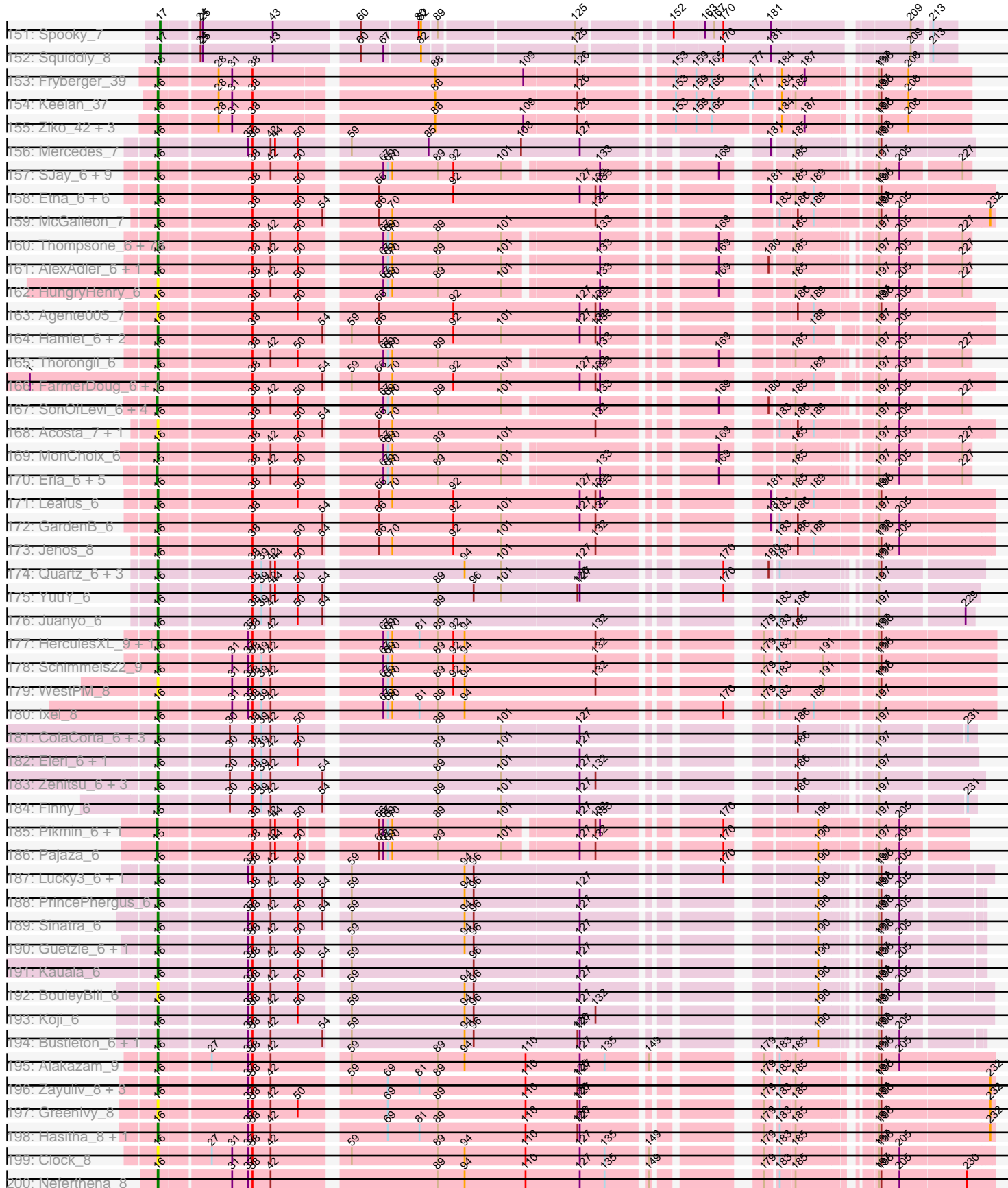
Pham 163222



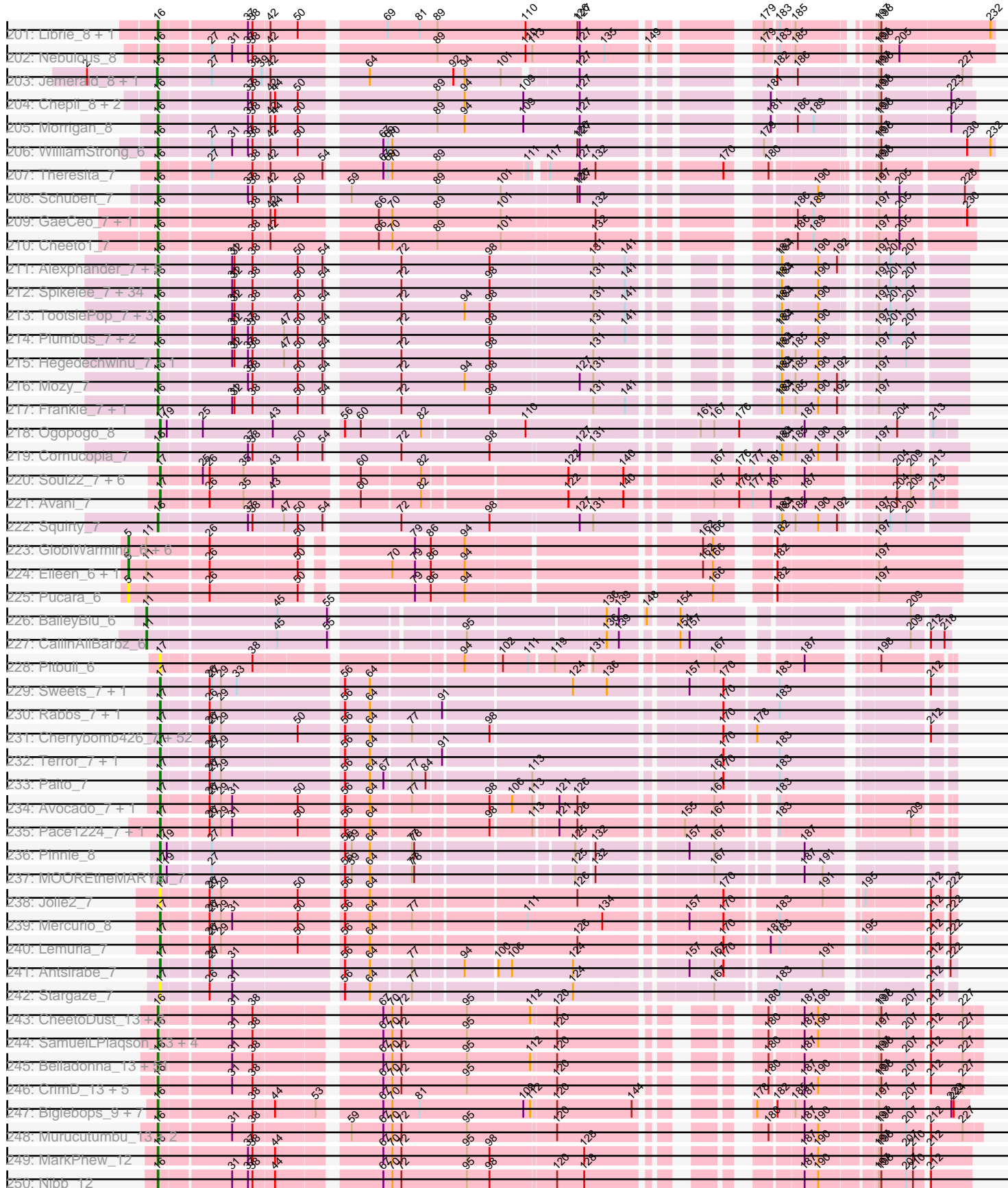
Pham 163222



Pham 163222



Pham 163222



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 163222 Report

This analysis was run 04/28/24 on database version 559.

Pham number 163222 has 893 members, 106 are drafts.

Phages represented in each track:

- Track 1 : Paraselene_14, JackSparrow_16
- Track 2 : Parliament_14, Squee_16, Corvo_15, Dussy_16, Kenmech_18, Abbyshoes_16, DrFeelGood_14, ShortQueendom_14, Marcell_15, Licorice_17, Wheeler_15
- Track 3 : Nerujay_16, Jasper_16, Makemake_15, Ringer_15, Abrogate_160, Tasp14_16, Dreamboat_16, Espresso_15, Sagefire_16, Rubeus_16, Homines_15
- Track 4 : Anglerfish_16, Agaliana_15, Zephyr_15, DreamCatcher_18, U2_15
- Track 5 : Lopton_16, Molly_16, Magnar_15, Maroc7_14, TwoPeat_15
- Track 6 : Francis47_15, Bircsak_15, Gompeii16_15, Thor_15, StrongArm_14, Monet_17, Papez_17, Edtherson_16, Arcanine_16, Treddle_17, Rajelicia_15, KBG_16, RidgeCB_15, Bexan_14, Ajay_15, Tripl3t_16, Smairt_16, SarFire_15, Nhonho_15, STLscum_16
- Track 7 : Altman_16
- Track 8 : A6_13, BK1_13
- Track 9 : Petp2012_17, Slagathor_16
- Track 10 : BeesKnees_16, Froghopper_16, Snazzy_13, Petruchio_15, Hermia_17, Traft412_17, JC27_17
- Track 11 : Euphoria_15, Bruns_14, Mule_15, HarryOW_16, GrecoEtereo_16
- Track 12 : Bigfoot_14, Sorpresa_14, Mryolo_14, Cueylyss_15, Hami1_17, Payneful_14, Bones_15, Topgun_15, Sandaddy_14, Teodoridan_13, Marchy_13, Violet_14, Wilkins_15, CactusRose_14
- Track 13 : Hope4ever_15
- Track 14 : PattyP_17, Rohr_16, BigMau_17, Burton_16, HermioneGrange_15, Museum_17, BPBiabs31_16, Rutherferd_17, Jerm2_16
- Track 15 : Briton15_17, Doom_15
- Track 16 : Switzer_16
- Track 17 : StewieG_14
- Track 18 : MetalQZJ_15, MaryBeth_15, Blue_15, PherrisBueller_16, Paphu_14, AFIS_15, Manatee_16, PinkPlastic_14
- Track 19 : ILeeKay_17, Adahisdi_16, Big3_15, Dynamix_16, Eyeball_15, McGuire_16, Applejack_15, KyMonks1A_17, Kanely_16, Sunshine924_14, Jorgensen_15, Oogway_14, Zeuska_16
- Track 20 : PacerPaul_15
- Track 21 : Solon_15, Moose_14, Niza_17, NEHalo_15, Sumter_14, Gandalf20_16, Aeneas_17, Ashballer_14, IgnatiusPatJac_14, DD5_16, PhrostyMug_15, Lockley_15, Fajezeel_17, Perseus_16, Turj99_14, Lamina13_15, Dulcie_14, Greg_17, SwissCheese_15, Forsytheast_14, Norz_17, BluSpix_15

- Track 22 : Alvin_16
- Track 23 : BigPaolini_16, Chanagan_14, MrGordo_15
- Track 24 : Seanderson_16
- Track 25 : Pepe_16, Tote_17, JuliaChild_17, Swole_17, Arlo_14, PSullivan_16, Pita2_17
- Track 26 : Magnito_14
- Track 27 : BaconJack_17
- Track 28 : Beatrix_14, Fushigi_16
- Track 29 : MPlant7149_14, Bob3_14
- Track 30 : Barriga_15, Rhynn_15, Trouble_15
- Track 31 : Marsha_15, TheloniousMonk_17, Buttons_16
- Track 32 : Smeagol_16
- Track 33 : SkiPole_17
- Track 34 : Watermelon_17, QTRlifeCrisis_18
- Track 35 : Carlyle_17
- Track 36 : Crispicous1_14
- Track 37 : Scowl_16
- Track 38 : Graduation_17, Atkinbua_16
- Track 39 : Lesedi_14
- Track 40 : Pinto_17
- Track 41 : Michley_15
- Track 42 : Ruotula_14, Dexes_16, Gwendoluna_17
- Track 43 : Pippin_17, KSSJEB_15, Ciao_15, Ichabod_16, Acme_17, Seabiscuit_17
- Track 44 : Alsfro_19
- Track 45 : PascalRango_14
- Track 46 : HanShotFirst_15
- Track 47 : Pelly_16, Ohno789_15
- Track 48 : LilBib_16, Fascinus_14
- Track 49 : Pari_16
- Track 50 : Marge_16
- Track 51 : Bethlehem_15
- Track 52 : Rufus_16
- Track 53 : Zeeculate_14
- Track 54 : Killigrew_13, ConceptII_15
- Track 55 : GageAP_17, SpikeBT_17
- Track 56 : Sibs6_17
- Track 57 : Naira_16, Fenn_16
- Track 58 : Gyzlar_17
- Track 59 : Peterson_18
- Track 60 : NoShow_7
- Track 61 : JacoRen57_6
- Track 62 : FF47_09
- Track 63 : Muddy_9, Maco6_7
- Track 64 : 8UZL_9
- Track 65 : Farewell_6, Sparky_6
- Track 66 : Raqqa_7
- Track 67 : AbbyDaisy_7
- Track 68 : LilBandit_6
- Track 69 : SKKY_6
- Track 70 : P106L_6, P106C_6, P106M_6, P106A_6, P106I_6
- Track 71 : Enoki_6
- Track 72 : P101A_6
- Track 73 : DrParker_6

- Track 74 : Keiki_6, Cota_6
- Track 75 : Attacne_6
- Track 76 : P107A_6
- Track 77 : Enochoraptor_6
- Track 78 : PHL113M01_06
- Track 79 : Kubed_6
- Track 80 : Ouroboros_6
- Track 81 : P104A_6
- Track 82 : P107C_6, ATCC29399BC_6
- Track 83 : MEAK_6
- Track 84 : PHL060L00_06
- Track 85 : Wizzo_6
- Track 86 : PHL010M04_06
- Track 87 : Rileysaurus_6
- Track 88 : P100.1_6
- Track 89 : P100A_6
- Track 90 : Stormborn_6
- Track 91 : P1.1_6
- Track 92 : Pirate_6
- Track 93 : Aquarius_6
- Track 94 : P14.4_6
- Track 95 : BruceLethal_6
- Track 96 : PAS50_6
- Track 97 : PHL071N05_06
- Track 98 : P9.1_6
- Track 99 : P100D_6
- Track 100 : ATCC29399BT_6
- Track 101 : Leviosa_6
- Track 102 : PA6_6
- Track 103 : Procrass1_6
- Track 104 : Moyashi_6
- Track 105 : PHL111M01_06
- Track 106 : P105_6
- Track 107 : MrAK_6
- Track 108 : Supernova_6
- Track 109 : Solid_6
- Track 110 : Lauchelly_6
- Track 111 : PHL114L00_06
- Track 112 : P108C_6
- Track 113 : PHL112N00_06
- Track 114 : P104B_6
- Track 115 : QueenBey_6
- Track 116 : PHL067M10_06
- Track 117 : PAD20_6
- Track 118 : PHL037M02_06
- Track 119 : Fribs8_9
- Track 120 : Lauer_7, Feastonyeet_7, BigChungus_7
- Track 121 : Amok_7, Emalyn_7
- Track 122 : Elinal_9, KayGee_7, SummitAcademy_7, PotPie_9
- Track 123 : SweatNTears_10, Buttrmlkdreams_8, Horseradish_9, Biskit_9, Troje_8, SketchMex_7, MScarn_10, Yummy_9
- Track 124 : Orla_10, Hexbug_10
- Track 125 : Cleo_8, Gibbous_8, Dre3_8

- Track 126 : Tolls_10, AndPeggy_7, SteamedHams_10, Yarn_7
- Track 127 : Agatha_8
- Track 128 : Vine_9
- Track 129 : Survivors_10
- Track 130 : HippoPololi_10
- Track 131 : MAnor_8, SheckWes_7, CherryonLim_9, Mayweather_9, Pons_8
- Track 132 : Zareef_12, MaVan_10, Azira_10, Nibbles_10
- Track 133 : Nodigi_10
- Track 134 : Cozz_8, Sopespian_8, RedBaron_9, Axym_8, Elliott_8, Nina_9, PsychoKiller_8
- Track 135 : Button_9
- Track 136 : MunkgeeRoachy_9, Burnsey_8, GoldHunter_9, Typhonomachy_9
- Track 137 : Jamzy_11
- Track 138 : Quasar_8
- Track 139 : Yakult_9
- Track 140 : AikoCarson_7
- Track 141 : Margaret_11
- Track 142 : GiKK_11
- Track 143 : GTE2_06
- Track 144 : BillDoor_10
- Track 145 : Morkie_6, PhorbessPhlower_6
- Track 146 : Lucky10_6
- Track 147 : Ecliptus_7, Holliday_7, LitninMcQueen_7, Budski_7, CheeseTouch_7, ODay_7, Kamaru_7, Phabuloso_7
- Track 148 : Malisha_7
- Track 149 : Kenna_7, BENtherdunthat_7, Asapag_7, Getalong_7, Periwinkle_7, Whitney_7, Lutum_7, Leroy_7, Horus_7, Frickyeah_7
- Track 150 : Phistory_7
- Track 151 : Spooky_7
- Track 152 : Squiddly_8
- Track 153 : Fryberger_39
- Track 154 : Keelan_37
- Track 155 : Ziko_42, Guey18_44, Ronaldo_42, Volt_41
- Track 156 : Mercedes_7
- Track 157 : SJay_6, Peep_6, Teagan_6, Renzie_6, Dave_6, Ludgate_6, Bandik_6, Superfresh_6, Antoinette_6, Nagem_6
- Track 158 : Etna_6, Stormbreaker8_6, BeeBee8_7, Redfield_6, KingJulien_6, Schnapsidee_6, Peppino_6
- Track 159 : McGalleon_7
- Track 160 : Thompsone_6, Rappheph_6, KannH_6, Asta_6, Stanktossa_6, Alyxandracam_6, Tenda_6, Vispistious_6, Gershwin_6, Byron23_5, BonesMcCoy_6, MillyPhilly_6, ShaiHulud_6, Den3_6, TeddyBear_6, Phiderman_6, Benjalauren_6, Duocatuli_6, Lovelyunicorn_6, Delphidian_6, AxiPup_6, HanSolo_6, Convict_6, HankSprout_6, Kale_6, Phireproof_6, Baines_6, Papafritta_6, Ilzat_6, ParleG_6, Martin_7, Janus167_6, Pherferi_6, Espinosa_6, Chako_6, Gubbabump_6, MrWorldwide_6, Dothraki_6, Knox_6, BigRedClifford_6, Riyhil_6, SoilGremlin_6, NickSell_6, Greys_6, Jerbirus_6, Oxtober96_6, Figueroism_6, Blage_6, JasperRussell_6, ManRay_6, StirfryIV_6, Aubergine_6, OldNelly_6, Kurt1_6, Phriends_6, PuppyEggo_6, Velene_6, Sedgewig_6, Rog141_6, Ioannes_6, BeautPeep30_6, Pocket_6, TatarkaPM_6, TinSulphur_6, Raptor_6, MaeLinda_6, PhredFlintston_6, Oats_6, Clancy_6, WildNOut_6, AranulaLuti_6, Shee_6, Inventa_6, Strathdee_6, Gargoyle_6, Robinson_6, Christoph_6, Winzigespinne_6, StingRay_6
- Track 161 : AlexAdler_6, Zada_6

- Track 162 : HungryHenry_6
- Track 163 : Agente005_7
- Track 164 : Hamlet_6, Balsa_6, Raccoon_6
- Track 165 : Thorongil_6
- Track 166 : FarmerDoug_6, Endor_7
- Track 167 : SonOfLevi_6, Klimt_6, Etta_6, Gelo_6, Chamuel_6
- Track 168 : Acosta_7, JasonD_8
- Track 169 : MonChoix_6
- Track 170 : Erla_6, JeriBeth_6, Calix_6, Nattles_6, Garey24_6, Bonino_6
- Track 171 : Leafus_6
- Track 172 : GardenB_6
- Track 173 : Jenos_8
- Track 174 : Quartz_6, Mandalorian_6, Nucci_6, Carostasia_6
- Track 175 : YuuY_6
- Track 176 : Juanyo_6
- Track 177 : HerculesXL_9, Tinyman4_9
- Track 178 : Schimmels22_9
- Track 179 : WestPM_8
- Track 180 : Ixel_8
- Track 181 : ColaCorta_6, Glamour_5, Saratos_6, Andromedas_6
- Track 182 : Eleri_6, Shamu_6
- Track 183 : Zenitsu_6, ChikPic_6, MCubed_6, Sansa_5
- Track 184 : Finny_6
- Track 185 : Pikmin_6, Casey_6
- Track 186 : Pajaza_6
- Track 187 : Lucky3_6, Golden_6
- Track 188 : PrincePhergus_6
- Track 189 : Sinatra_6
- Track 190 : Guetzie_6, SirVictor_6
- Track 191 : Kauala_6
- Track 192 : BouleyBill_6
- Track 193 : Koji_6
- Track 194 : Bustleton_6, Pherbot_6
- Track 195 : Alakazam_9
- Track 196 : Zayuliv_8, QuadZero_8, Zepp_9, Fulton_8
- Track 197 : GreenIvy_8
- Track 198 : Hasitha_8, LilTerminator_8
- Track 199 : Clock_8
- Track 200 : Neferthena_8
- Track 201 : Librie_8, CaptainRex_8
- Track 202 : Nebulous_8
- Track 203 : Jemerald_8, Juicer_8
- Track 204 : Chepli_8, KatChan_8, Luna18_8
- Track 205 : Morrigan_8
- Track 206 : WilliamStrong_6
- Track 207 : Theresita_7
- Track 208 : Schubert_7
- Track 209 : GaeCeo_7, ChickenKing_6
- Track 210 : Cheeto1_7
- Track 211 : Alexphander_7, Kingsley_7, Cerasum_7, Sarma624_7, BigPhil_7, Velveteen_7
- Track 212 : Spikelee_7, Stap_7, Job42_7, Leozinho_7, UncleRicky_7, Bobi_7, Ramsey_7, Drago_7, Girafales_7, SimranZ1_7, Pollywog_7, BuzzLyseyear_7,

Piper2020_7, Marker_7, DosHalletts_8, Boomer_7, Starcevich_7, Oksu_7, DaWorst_7, Awesomesauce_7, Totinger_7, Lorde_7, OwlsT2W_7, Coco12_7, Beakin_7, RockyHorror_7, Enby_7, Rialto_7, JalFarm20_7, DirtMcgirt_7, LittleShirley_7, Madiba_7, Mova_7, Quico_7, Tootsieroll_7

- Track 213 : TootsiePop_7, DocMcStuffins_7, Misha28_7, ChickenDinner_7
- Track 214 : Plumbus_7, Kimberlium_7, Juice456_7
- Track 215 : Hegedechwinu_7, Flathead_7
- Track 216 : Mozy_7
- Track 217 : Frankie_7, Seagreen_7
- Track 218 : Ogopogo_8
- Track 219 : Cornucopia_7
- Track 220 : Soul22_7, Yoshi_7, Demsculpinboyz_7, Zapner_8, Jabbawokkie_8, Blarby_8, Che9d_7
- Track 221 : Avani_7
- Track 222 : Squirty_7
- Track 223 : GlobiWarming_6, Constance_6, ChuckDuck_6, Karkharias_6, Judy_6, PeggyLeg03_6, Bridgette_6
- Track 224 : Eileen_6, Peas_6
- Track 225 : Pucara_6
- Track 226 : BaileyBlu_6
- Track 227 : CallinAllBarbz_6
- Track 228 : Pitbull_6
- Track 229 : Sweets_7, Halo_7
- Track 230 : Rabbs_7, Sneeze_7
- Track 231 : Cherrybomb426_7, Peeb_7, Jane_7, BruceB_7, Hope_7, BPs_7, Hotshotbaby7_7, Grizzly_7, Zombie_7, Camri_7, Coleslaw_7, DNAll_007, PinkYoshi_7, Kasen3_7, Chance64_7, CassieYates_7, Barkley26_7, Sizemore_7, Marmie_7, ECartman_7, CLED96_7, Jonghyun_7, Remy19_7, Cedasite_7, Jolene_7, Darionha_7, Crespo_7, Mowgli_7, Gomashi_7, GoldenAsh_7, Schiebel_7, Frosty24_7, ZoMa_7, OctaviousRex_7, Plagueis_7, Phish_7, Olga_7, BQuat_7, ShaboiShabazz_7, Phreak_7, Aroostook_7, Periodt_7, Gideon_7, JorRay_7, LouisV14_7, TomBrady_7, Liefie_7, Renaissance_7, Avrafan_7, Annihilator_7, Kareem_7, Angel_7, DMoney_7
- Track 232 : Terror_7, Taheera_7
- Track 233 : Paito_7
- Track 234 : Avocado_7, Cambiare_8
- Track 235 : Pace1224_7, FlagStaff_7
- Track 236 : Pinnie_8
- Track 237 : MOOREtheMARYer_7
- Track 238 : Jolie2_7
- Track 239 : Mercurio_8
- Track 240 : Lemuria_7
- Track 241 : Antsirabe_7
- Track 242 : Stargaze_7
- Track 243 : CheetoDust_13, BaghaKamala_13, Joy99_13
- Track 244 : SamuelLPlaqson_13, Bella96_13, DrHayes_13, Urkel_13, TiniBug_13
- Track 245 : Belladonna_13, Mynx_13, Ganymede_13, AlishaPH_13, Peel_13, CREW_13, Inky_13, Zavala_13, Jarvi_13, Atiba_13, Capricorn_13, ActinUp_13, Lunahalos_13, Adephegia_13, Tachez_13, Deby_13, Ramen_13, Rapunzel97_13, BGIlluvia_13, Piatt_13, Hyperbowlee_13, Slimphazie_13, Pokerus_12, YoureAdopted_12, Twitch_13, QuincyRose_12, Emerson_13, Llorens_13, Jayhawk_13, CaseJules_13, Tiri_13, Asayake_13, Rosmarinus_13, Padfoot_13, Topper_13, Padpat_13, JAWS_13, Blizzard_13, Angelica_13, Adonis_13,

BEEST_13, HedwigODU_13, Homura_13, MeaningOfLife_13, ShiaSurprise_13, Sulley_13, TruffulaTree_13, Dalmuri_13, Durfee_13, Jeckyll_13, Apocalypse_13, Veliki_13

- Track 246 : CrimD_13, TreyKay_13, Prithvi_13, Megsy_13, LindNT_13, TaiwanKao_13
- Track 247 : Biglebops_9, Amelie_9, Enkosi_9, SgtBeansprout_9, Nutello_9, Nikao_9, LilPharaoh_9, Mdavu_9
- Track 248 : Murucutumbu_13, LaterM_13, Stinson_13
- Track 249 : MarkPhew_12
- Track 250 : Nibb_12
- Track 251 : Oscar_12, Scarlett_12
- Track 252 : Illumine_13, Dole_13
- Track 253 : Peanam_13, Shaobing_13, Niklas_13
- Track 254 : Geraldini_13, Beezoo_13
- Track 255 : Yunkel11_13, Efra2_13, Guanica15_13
- Track 256 : Boiiii_13, BarrelRoll_13
- Track 257 : KiSi_12, LeMond_12
- Track 258 : Spock_13
- Track 259 : Devera_13
- Track 260 : Zabiza_13
- Track 261 : LastHope_13
- Track 262 : Validus_13
- Track 263 : Ageofdapage_13
- Track 264 : Anaya_14
- Track 265 : Curiosium_14
- Track 266 : Chris_12
- Track 267 : ZoeJ_9
- Track 268 : DismalFunk_9, Strobilo_10, Marcoliusprime_9, DismalStressor_9
- Track 269 : Findley_9, Milly_9
- Track 270 : BoostSeason_9, Mufasa_9
- Track 271 : TM4_9
- Track 272 : Pixie_12, ShedlockHolmes_12, TBond007_12
- Track 273 : Keshu_12
- Track 274 : Pharb_12
- Track 275 : MacnCheese_13
- Track 276 : Hurricane_12
- Track 277 : TripleTrouble_11
- Track 278 : Slarp_14, OmniCritical_14, Fionnbharth_14, Wintermute_14, Mitti_14, Cheetobro_14, Chancellor_14, SamScheppers_12, Taquito_12
- Track 279 : Juliette_14, Eponine_14, Ruthiejr_13
- Track 280 : Y10_14, Y2_14, JF1_14
- Track 281 : Reptar3000_14, MissDaisy_14, Patt_14
- Track 282 : Malthus_14
- Track 283 : Omnicron_11
- Track 284 : InvictusManeo_11, Agent47_11, Kratio_10, Collard_11
- Track 285 : AlleyCat_11
- Track 286 : SoSeph_11, Heftyboy_11, Guillsminger_11, Leston_11, Paola_11, Gengar_11
- Track 287 : Edugator_10, Psycho_11, Dadosky_11, Larva_11
- Track 288 : Miryou_11, Thyatira_11, Feyre_11, OkiRoe_11, Waterfoul_11
- Track 289 : Rando14_11
- Track 290 : Hammy_12, Amohnition_12, DarthP_12
- Track 291 : Amgine_11

- Track 292 : Ekdilam_10
- Track 293 : Ellie_10
- Track 294 : Syra333_12
- Track 295 : Shadow1_11, Bryler_12, Sunflower1121_11, Phrank_12, Cain_12
- Track 296 : TClif_12
- Track 297 : Krueger_12
- Track 298 : PhelpsODU_12, Unicorn_12
- Track 299 : Marshawn_14
- Track 300 : Fefferhead_12
- Track 301 : Tierra_12
- Track 302 : Yuna_13
- Track 303 : Ximenita_13
- Track 304 : SirPhilip_12
- Track 305 : Aminay_11
- Track 306 : Boilgate_10
- Track 307 : P3MA_7
- Track 308 : MrSmee_6
- Track 309 : IdentityCrisis_7
- Track 310 : DS6A_11

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

The start number called the most often in the published annotations is 16, it was called in 377 of the 787 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Acosta_7, ActinUp_13, Adephegia_13, Adonis_13, Agent47_11, Agente005_7, Ageofdapage_13, Alakazam_9, AlexAdler_6, Alexphander_7, AlishaPH_13, AlleyCat_11, Alyxandracam_6, Amelie_9, Amgine_11, Aminay_11, Amohnition_12, Anaya_14, Andromedas_6, Angelica_13, Antoinette_6, Apocalypse_13, AranulaLuti_6, Asayake_13, Asta_6, Atiba_13, Aubergine_6, Awesomesauce_7, AxiPup_6, BEEST_13, BGlluviae_13, BaghaKamala_13, Baines_6, Balsa_6, Bandik_6, BarrelRoll_13, Beakin_7, BeautPeep30_6, BeeBee8_7, Beezoo_13, Bella96_13, Belladonna_13, Benjalauren_6, BigPhil_7, BigRedClifford_6, Biglebops_9, Blage_6, Blizzard_13, Bobi_7, Boiiii_13, Boilgate_10, BonesMcCoy_6, Boomer_7, BoostSeason_9, BouleyBill_6, Bryler_12, Bustleton_6, BuzzLyseyear_7, Byron23_5, CREW_13, Cain_12, Capricorn_13, CaptainRex_8, Carostasia_6, CaseJules_13, Cerasum_7, Chako_6, Chancellor_14, Cheeto1_7, CheetoDust_13, Cheetobro_14, Chepli_8, ChickenDinner_7, ChickenKing_6, ChikPic_6, Chris_12, Christoph_6, Clancy_6, Clock_8, Coco12_7, ColaCorta_6, Collard_11, Convict_6, Cornucopia_7, CrimD_13, Curiosium_14, DS6A_11, DaWorst_7, Dadosky_11, Dalmuri_13, DarthP_12, Dave_6, Deby_13, Delphidian_6, Den3_6, Devera_13, DirtMcgirt_7, DismalFunk_9, DismalStressor_9, DocMcStuffins_7, Dole_13, DosHalletts_8, Dothraki_6, DrHayes_13, Drago_7, Duocatuli_6, Durfee_13, Edugator_10, Efra2_13, Ekdilam_10, Eleri_6, Ellie_10, Emerson_13, Enby_7, Endor_7, Enkosi_9, Eponine_14, Espinosa_6, Etna_6, FarmerDoug_6, Fefferhead_12, Feyre_11, Figueroism_6, Findley_9, Finny_6, Fionnbharth_14, Flathead_7, Frankie_7, Fryberger_39, Fulton_8, GaeCeo_7, Ganymede_13, GardenB_6, Gargoyle_6, Gengar_11, Geraldini_13, Gershwin_6, Girafales_7, Glamour_5, Golden_6, Greenlvy_8, Greys_6, Guanica15_13, Gubbabump_6,

Guetzle_6, Guey18_44, Guillsminger_11, Hamlet_6, Hammy_12, HanSolo_6, HankSprout_6, Hasitha_8, HedwigODU_13, Heftyboy_11, Hegedechwinu_7, HerculesXL_9, Homura_13, HungryHenry_6, Hurricane_12, Hyperbowlee_13, Illumine_13, Izat_6, Inky_13, Inventa_6, InvictusManeo_11, Ioannes_6, Ixel_8, JAWS_13, JF1_14, JalFarm20_7, Janus167_6, Jarvi_13, JasonD_8, JasperRussell_6, Jayhawk_13, Jeckyll_13, Jenos_8, Jerbirus_6, Job42_7, Joy99_13, Juanyo_6, Juice456_7, Juliette_14, Kale_6, KannH_6, KatChan_8, Kauala_6, Keelan_37, Keshu_12, KiSi_12, Kimberlium_7, KingJulien_6, Kingsley_7, Knox_6, Koji_6, Kratio_10, Krueger_12, Kurt1_6, Larva_11, LastHope_13, LaterM_13, LeMond_12, Leafus_6, Leozinho_7, Leston_11, Librie_8, LilPharaoh_9, LilTerminator_8, LindNT_13, LittleShirley_7, Llorens_13, Lorde_7, Lovelyunicorn_6, Lucky3_6, Ludgate_6, Luna18_8, Lunahalos_13, MCubed_6, MacnCheese_13, Madiba_7, MaeLinda_6, Malthus_14, ManRay_6, Mandalorian_6, Marcoliusprime_9, MarkPhew_12, Marker_7, Marshawn_14, Martin_7, McGalleon_7, Mdavu_9, MeaningOfLife_13, Megsy_13, Mercedes_7, MillyPhilly_6, Milly_9, Miryou_11, Misha28_7, MissDaisy_14, Mitti_14, MonChoix_6, Morrigan_8, Mova_7, Mozy_7, MrWorldwide_6, Mufasa_9, Murucutumbu_13, Mynx_13, Nagem_6, Nebulous_8, Neferthena_8, Nibb_12, NickSell_6, Nikao_9, Niklas_13, Nucci_6, Nutello_9, Oats_6, OkiRoe_11, Oksu_7, OldNelly_6, OmniCritical_14, Omnicron_11, Oscar_12, OwlsT2W_7, Oxtober96_6, Padfoot_13, Padpat_13, Paola_11, Papafritta_6, ParleG_6, Patt_14, Peanam_13, Peel_13, Peep_6, Peppino_6, Pharb_12, PhelpsODU_12, Pherbot_6, Pherferi_6, Phiderman_6, Phireproof_6, Phrank_12, PhredFlintston_6, Phriends_6, Piatt_13, Piper2020_7, Pixie_12, Plumbus_7, Pocket_6, Pokerus_12, Pollywog_7, PrincePhergus_6, Prithvi_13, Psycho_11, PuppyEggo_6, QuadZero_8, Quartz_6, Quico_7, QuincyRose_12, Raccoon_6, Ramen_13, Ramsey_7, Rando14_11, Rapheph_6, Raptor_6, Rapunzel97_13, Redfield_6, Renzie_6, Reptar3000_14, Rialto_7, Riyhil_6, Robinson_6, RockyHorror_7, Rog141_6, Ronaldo_42, Rosmarinus_13, Ruthiejr_13, SJay_6, SamScheppers_12, SamuelLPlaqson_13, Sansa_5, Saratos_6, Sarma624_7, Scarlett_12, Schimmels22_9, Schnapsidee_6, Schubert_7, Seagreen_7, Sedgewig_6, SgtBeansprout_9, Shadow1_11, ShaiHulud_6, Shamu_6, Shaobing_13, ShedlockHolmes_12, Shee_6, ShiaSurprise_13, SimranZ1_7, Sinatra_6, SirPhilip_12, SirVictor_6, Slarp_14, Slimphazie_13, SoSeph_11, SoilGremlin_6, Spikelee_7, Spock_13, Squirty_7, Stanktossa_6, Stap_7, Starcevich_7, StingRay_6, Stinson_13, StirfryIV_6, Stormbreaker8_6, Strathdee_6, Strobilo_10, Sulley_13, Sunflower1121_11, Superfresh_6, Syra333_12, TBond007_12, TClif_12, TM4_9, Tachez_13, TaiwanKao_13, Taquito_12, TatarkaPM_6, Teagan_6, TeddyBear_6, Tenda_6, Theresita_7, Thompsone_6, Thorongil_6, Thyatira_11, Tierra_12, TinSulphur_6, TiniBug_13, Tinyman4_9, Tiri_13, TootsiePop_7, Tootsieroll_7, Topper_13, Totinger_7, TreyKay_13, TribbleTrouble_11, TruffulaTree_13, Twitch_13, UncleRicky_7, Unicorn_12, Urkel_13, Validus_13, Velene_6, Veliki_13, Velveteen_7, Vispistious_6, Volt_41, Waterfoul_11, WestPM_8, WildNOut_6, WilliamStrong_6, Wintermute_14, Winzigespinne_6, Ximenita_13, Y10_14, Y2_14, YoureAdopted_12, Yuna_13, Yunkel11_13, YuuY_6, Zabiza_13, Zada_6, Zavala_13, Zayuliv_8, Zenitsu_6, Zepp_9, Ziko_42, ZoeJ_9,

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

-

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

- 8UZL_9, A6_13, AFIS_15, ATCC29399BC_6, ATCC29399BT_6, AbbyDaisy_7, Abbyshoes_16, Abrogate_160, Acme_17, Adahisdi_16, Aeneas_17, Agaliana_15, Agatha_8, AikoCarson_7, Ajay_15, AIsfro_19, Altman_16, Alvin_16, Amok_7,

AndPeggy_7, Angel_7, Anglerfish_16, Annihilator_7, Antsirabe_7, Applejack_15, Aquarius_6, Arcanine_16, Arlo_14, Aroostook_7, Asapag_7, Ashballer_14, Atkinbua_16, Attacne_6, Avani_7, Avocado_7, Avrafan_7, Axym_8, Azira_10, BENTherdunthat_7, BK1_13, BPBiabs31_16, BPs_7, BQuat_7, BaconJack_17, BaileyBlu_6, Barkley26_7, Barriga_15, Beatrix_14, BeesKnees_16, Bethlehem_15, Bexan_14, Big3_15, BigChungus_7, BigMau_17, BigPaolini_16, Bigfoot_14, BillDoor_10, Bircsak_15, Biskit_9, Blarby_8, BluSpix_15, Blue_15, Bob3_14, Bones_15, Bonino_6, Bridgette_6, Briton15_17, BruceB_7, BruceLethal_6, Bruns_14, Budski_7, Burnsey_8, Burton_16, Button_9, Buttons_16, Buttrmlkdreams_8, CLED96_7, CactusRose_14, Calix_6, CallinAllBarbz_6, Cambiare_8, Camri_7, Carlyle_17, Casey_6, CassieYates_7, Cedasite_7, Chamuel_6, Chanagan_14, Chance64_7, Che9d_7, CheeseTouch_7, Cherrybomb426_7, CherryonLim_9, ChuckDuck_6, Ciao_15, Cleo_8, Coleslaw_7, Conceptll_15, Constance_6, Corvo_15, Cota_6, Cozz_8, Crespo_7, Crispicous1_14, Cueyllyss_15, DD5_16, DMoney_7, DNAlll_007, Darionha_7, Demsculpinboyz_7, Dexes_16, Doom_15, DrFeelGood_14, DrParker_6, Dre3_8, DreamCatcher_18, Dreamboat_16, Dulcie_14, Dussy_16, Dynamix_16, ECartman_7, Ecliptus_7, Edtherson_16, Eileen_6, Elinal_9, Elliott_8, Emalyn_7, Enochoraptor_6, Enoki_6, Erla_6, Espresso_15, Etta_6, Euphoria_15, Eyeball_15, FF47_09, Fajezeel_17, Farewell_6, Fascinus_14, Feastonyeet_7, Fenn_16, FlagStaff_7, Forsytheast_14, Francis47_15, Fribs8_9, Frickyeah_7, Froghopper_16, Frosty24_7, Fushigi_16, GTE2_06, GageAP_17, Gandalf20_16, Garey24_6, Gelo_6, Getalong_7, GiKK_11, Gibbous_8, Gideon_7, GlobiWarming_6, GoldHunter_9, GoldenAsh_7, Gomashi_7, Gompeii16_15, Graduation_17, GrecoEtereo_16, Greg_17, Grizzly_7, Gwendoluna_17, Gyzlar_17, Halo_7, Hami1_17, HanShotFirst_15, HarryOW_16, Hermia_17, HermioneGrange_15, Hexbug_10, HippoPololi_10, Holliday_7, Homines_15, Hope4ever_15, Hope_7, Horseradish_9, Horus_7, Hotshotbaby7_7, ILeeKay_17, Ichabod_16, IdentityCrisis_7, IgnatiusPatJac_14, JC27_17, Jabbawokkie_8, JackSparrow_16, JacoRen57_6, Jamzy_11, Jane_7, Jasper_16, Jemerald_8, JeriBeth_6, Jerm2_16, Jolene_7, Jolie2_7, Jonghyun_7, JorRay_7, Jorgensen_15, Judy_6, Juicer_8, JuliaChild_17, KBG_16, KSSJEB_15, Kamaru_7, Kanely_16, Kareem_7, Karkharias_6, Kasen3_7, KayGee_7, Keiki_6, Kenmech_18, Kenna_7, Killigrew_13, Klimt_6, Kubed_6, KyMonks1A_17, Lamina13_15, Lauchelly_6, Lauer_7, Lemuria_7, Leroy_7, Lesedi_14, Leviosa_6, Licorice_17, Liefie_7, LilBandit_6, LilBib_16, LitninMcQueen_7, Lockley_15, Lopton_16, LouisV14_7, Lucky10_6, Lutum_7, MAnor_8, MEAK_6, MOOREtheMARYer_7, MPlant7149_14, MScarn_10, MaVan_10, Maco6_7, Magnar_15, Magnito_14, Makemake_15, Malisha_7, Manatee_16, Marcell_15, Marchy_13, Margaret_11, Marge_16, Marmie_7, Maroc7_14, Marsha_15, MaryBeth_15, Mayweather_9, McGuire_16, Mercurio_8, MetalQZJ_15, Michley_15, Molly_16, Monet_17, Moose_14, Morkie_6, Mowgli_7, Moyashi_6, MrAK_6, MrGordo_15, MrSmee_6, Mryolo_14, Muddy_9, Mule_15, MunkgeeRoachy_9, Museum_17, NEHalo_15, Naira_16, Nattles_6, Nerujay_16, Nhonho_15, Nibbles_10, Nina_9, Niza_17, NoShow_7, Nodigi_10, Norz_17, ODay_7, OctaviousRex_7, Ogopogo_8, Ohno789_15, Olga_7, Oogway_14, Orla_10, Ouroboros_6, P1.1_6, P100.1_6, P100A_6, P100D_6, P101A_6, P104A_6, P104B_6, P105_6, P106A_6, P106C_6, P106I_6, P106L_6, P106M_6, P107A_6, P107C_6, P108C_6, P14.4_6, P3MA_7, P9.1_6, PA6_6, PAD20_6, PAS50_6, PHL010M04_06, PHL037M02_06, PHL060L00_06, PHL067M10_06, PHL071N05_06, PHL111M01_06, PHL112N00_06, PHL113M01_06, PHL114L00_06, PSullivan_16, Pace1224_7, PacerPaul_15, Paito_7, Pajaza_6, Papez_17, Paphu_14, Paraselene_14, Pari_16, Parliament_14, PascalRango_14, PattyP_17, Payneful_14, Peas_6, Peeb_7, PeggyLeg03_6, Pelly_16, Pepe_16, Periodt_7, Periwinkle_7, Perseus_16, Peterson_18, Petp2012_17, Petruchio_15,

Phabuloso_7, PherrisBueller_16, Phish_7, Phistory_7, PhorbesPhlower_6, Phreak_7, PhrostyMug_15, Pikmin_6, PinkPlastic_14, PinkYoshi_7, Pinnie_8, Pinto_17, Pippin_17, Pirate_6, Pita2_17, Pitbull_6, Plagueis_7, Pons_8, PotPie_9, Procrass1_6, PsychoKiller_8, Pucara_6, QTRlifeCrisis_18, Quasar_8, QueenBey_6, Rabbs_7, Rajelicia_15, Raqqa_7, RedBaron_9, Remy19_7, Renaissance_7, Rhynn_15, RidgeCB_15, Rileysaurus_6, Ringer_15, Rohr_16, Rubeus_16, Rufus_16, Ruotula_14, Rutherford_17, SKKY_6, STLscum_16, Sagefire_16, Sandaddy_14, SarFire_15, Schiebel_7, Scowl_16, Seabiscuit_17, Seanderson_16, ShaboiShabazz_7, SheckWes_7, ShortQueendom_14, Sibs6_17, Sizemore_7, SketchMex_7, SkiPole_17, Slagathor_16, Smairt_16, Smeagol_16, Snazzy_13, Sneeze_7, Solid_6, Solon_15, SonOfLevi_6, Sopespian_8, Sorpresa_14, Soul22_7, Sparky_6, SpikeBT_17, Spooky_7, Squee_16, Squiddly_8, Stargaze_7, SteamedHams_10, StewieG_14, Stormborn_6, StrongArm_14, SummitAcademy_7, Sumter_14, Sunshine924_14, Supernova_6, Survivors_10, SweatNTears_10, Sweets_7, SwissCheese_15, Switzer_16, Swole_17, Taheera_7, Tasp14_16, Teodoridan_13, Terror_7, TheloniousMonk_17, Thor_15, Tolls_10, TomBrady_7, Topgun_15, Tote_17, Traft412_17, Treddle_17, Tripl3t_16, Troje_8, Trouble_15, Turj99_14, TwoPeat_15, Typhonmarchy_9, U2_15, Vine_9, Violet_14, Watermelon_17, Wheeler_15, Whitney_7, Wilkins_15, Wizzo_6, Yakult_9, Yarn_7, Yoshi_7, Yummy_9, Zapner_8, Zareef_12, Zeeculate_14, Zephyr_15, Zeuska_16, ZoMa_7, Zombie_7,

Summary by start number:

Start 3:

- Found in 43 of 893 (4.8%) of genes in pham
- Manual Annotations of this start: 32 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Agatha_8 (CT), AikoCarson_7 (CT), Amok_7 (CT), AndPeggy_7 (CT), Axym_8 (CT), BigChungus_7 (CT), BillDoor_10 (CT), Biskit_9 (CT), Burnsey_8 (CT), Buttrmlkdreams_8 (CT), CherryonLim_9 (CT), Cozz_8 (CT), Elinal_9 (CT), Elliott_8 (CT), Emalyn_7 (CT), Feastonyeet_7 (CT), GTE2_06 (CT), GoldHunter_9 (CT), Horseradish_9 (CT), KayGee_7 (CT), Lauer_7 (CT), MAnor_8 (CT), MScarn_10 (CT), Mayweather_9 (CT), MunkgeeRoachy_9 (CT), Nina_9 (CT), Pons_8 (CT), PotPie_9 (CT), PsychoKiller_8 (CT), Quasar_8 (CT), RedBaron_9 (CT), SheckWes_7 (CT), SketchMex_7 (CT), Sopespian_8 (CT), SteamedHams_10 (CT), SummitAcademy_7 (CT), SweatNTears_10 (CT), Tolls_10 (CT), Troje_8 (CT), Typhonmarchy_9 (CT), Vine_9 (CT), Yarn_7 (CT), Yummy_9 (CT),

Start 4:

- Found in 209 of 893 (23.4%) of genes in pham
- Manual Annotations of this start: 190 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: A6_13 (A1), AFIS_15 (A1), Abbyshoes_16 (A1), Abrogate_160 (A1), Acme_17 (A1), Adahisdi_16 (A1), Aeneas_17 (A1), Agaliana_15 (A1), Ajay_15 (A1), Alsfro_19 (A1), Altman_16 (A1), Alvin_16 (A1), Anglerfish_16 (A1), Applejack_15 (A1), Arcanine_16 (A1), Arlo_14 (A1), Ashballer_14 (A1), Atkinbua_16 (A1), BK1_13 (A1), BPBiebs31_16 (A1), BaconJack_17 (A1), Barriga_15 (A1), Beatrix_14 (A1), BeesKnees_16 (A1), Bethlehem_15 (A1), Bexan_14 (A1), Big3_15 (A1), BigMau_17 (A1), BigPaolini_16 (A1), Bigfoot_14 (A1), Bircsak_15 (A1), BluSpix_15 (A1), Blue_15 (A1), Bob3_14 (A1), Bones_15 (A1), Briton15_17 (A1), Bruns_14 (A1), Burton_16 (A1), Buttons_16

(A1), CactusRose_14 (A1), Carlyle_17 (A1), Chanagan_14 (A1), Ciao_15 (A1), ConceptII_15 (A1), Corvo_15 (A1), Crispicious1_14 (A1), Cueyllyss_15 (A1), DD5_16 (A1), Dexes_16 (A1), Doom_15 (A1), DrFeelGood_14 (A1), DreamCatcher_18 (A1), Dreamboat_16 (A1), Dulcie_14 (A1), Dussy_16 (A1), Dynamix_16 (A1), Edtherson_16 (A1), Espresso_15 (A1), Euphoria_15 (A1), Eyeball_15 (A1), Fajezeel_17 (A1), Fascinus_14 (A1), Fenn_16 (A1), Forsytheast_14 (A1), Francis47_15 (A1), Froghopper_16 (A1), Fushigi_16 (A1), GageAP_17 (A1), Gandalf20_16 (A1), Gompeii16_15 (A1), Graduation_17 (A1), GrecoEtereo_16 (A1), Greg_17 (A1), Gwendoluna_17 (A1), Gyzlar_17 (A1), Hami1_17 (A1), HanShotFirst_15 (A1), HarryOW_16 (A1), Hermia_17 (A1), HermioneGrange_15 (A1), Homines_15 (A1), Hope4ever_15 (A1), ILeeKay_17 (A1), Ichabod_16 (A1), IgnatiusPatJac_14 (A1), JC27_17 (A1), JackSparrow_16 (A1), Jasper_16 (A1), Jerm2_16 (A1), Jorgensen_15 (A1), JuliaChild_17 (A1), KBG_16 (A1), KSSJEB_15 (A1), Kanely_16 (A1), Kenmech_18 (A1), Killigrew_13 (A1), KyMonks1A_17 (A1), Lamina13_15 (A1), Lesedi_14 (A1), Licorice_17 (A1), LilBib_16 (A1), Lockley_15 (A1), Lopton_16 (A1), MPlant7149_14 (A1), Magnar_15 (A1), Magnito_14 (A1), Makemake_15 (A1), Manatee_16 (A1), Marcell_15 (A1), Marchy_13 (A1), Marge_16 (A1), Maroc7_14 (A1), Marsha_15 (A1), MaryBeth_15 (A1), McGuire_16 (A1), MetalQZJ_15 (A1), Michley_15 (A1), Molly_16 (A1), Monet_17 (A1), Moose_14 (A1), MrGordo_15 (A1), Mryolo_14 (A1), Mule_15 (A1), Museum_17 (A1), NEHalo_15 (A1), Naira_16 (A1), Nerujay_16 (A1), Nhonho_15 (A1), Niza_17 (A1), Norz_17 (A1), Ohno789_15 (A1), Oogway_14 (A1), PSullivan_16 (A1), PacerPaul_15 (A1), Papez_17 (A1), Paphu_14 (A1), Paraselene_14 (A1), Pari_16 (A1), Parliament_14 (A1), PascalRango_14 (A1), PattyP_17 (A1), Payneful_14 (A1), Pelly_16 (A1), Pepe_16 (A1), Perseus_16 (A1), Peterson_18 (A1), Petp2012_17 (A1), Petruchio_15 (A1), PherrisBueller_16 (A1), PhrostyMug_15 (A1), PinkPlastic_14 (A1), Pinto_17 (A1), Pippin_17 (A1), Pita2_17 (A1), QTRlifeCrisis_18 (A1), Rajelicia_15 (A1), Rhynn_15 (A1), RidgeCB_15 (A1), Ringer_15 (A1), Rohr_16 (A1), Rubeus_16 (A1), Rufus_16 (A1), Ruotula_14 (A1), Rutherferd_17 (A1), STLscum_16 (A1), Sagefire_16 (A1), Sandaddy_14 (A1), SarFire_15 (A1), Scowl_16 (A1), Seabiscuit_17 (A1), Seanderson_16 (A1), ShortQueendom_14 (A1), Sibs6_17 (A1), SkiPole_17 (A1), Slagathor_16 (A1), Smairt_16 (A1), Smeagol_16 (A1), Snazzy_13 (A1), Solon_15 (A1), Sorpresa_14 (A1), SpikeBT_17 (A1), Squee_16 (A1), StewieG_14 (A1), StrongArm_14 (A1), Sumter_14 (A1), Sunshine924_14 (A1), SwissCheese_15 (A1), Switzer_16 (A1), Swole_17 (A1), Tasp14_16 (A1), Teodoridan_13 (A1), TheloniousMonk_17 (A1), Thor_15 (A1), Topgun_15 (A1), Tote_17 (A1), Traft412_17 (A1), Treddle_17 (A1), Trip13t_16 (A1), Trouble_15 (A1), Turj99_14 (A1), TwoPeat_15 (A1), U2_15 (A1), Violet_14 (A1), Watermelon_17 (A1), Wheeler_15 (A1), Wilkins_15 (A1), Zeeculate_14 (A1), Zephyr_15 (A1), Zeuska_16 (A1),

Start 5:

- Found in 10 of 893 (1.1%) of genes in pham
- Manual Annotations of this start: 7 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bridgette_6 (FA), ChuckDuck_6 (FA), Constance_6 (FA), Eileen_6 (FA), GlobiWarming_6 (FA), Judy_6 (FA), Karkharias_6 (FA), Peas_6 (FA), PeggyLeg03_6 (FA), Pucara_6 (FA),

Start 7:

- Found in 2 of 893 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Hexbug_10 (CT), Orla_10 (CT),

Start 8:

- Found in 6 of 893 (0.7%) of genes in pham
- Manual Annotations of this start: 6 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Button_9 (CT), GiKK_11 (CT), Jamzy_11 (CT), Margaret_11 (CT), Nodigi_10 (CT), Yakult_9 (CT),

Start 10:

- Found in 10 of 893 (1.1%) of genes in pham
- Manual Annotations of this start: 8 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Azira_10 (CT), Cleo_8 (CT), Dre3_8 (CT), Fribs8_9 (CT), Gibbous_8 (CT), HippoPololi_10 (CT), MaVan_10 (CT), Nibbles_10 (CT), Survivors_10 (CT), Zareef_12 (CT),

Start 11:

- Found in 12 of 893 (1.3%) of genes in pham
- Manual Annotations of this start: 2 of 787
- Called 16.7% of time when present
- Phage (with cluster) where this start called: BaileyBlu_6 (FP), CallinAllBarbz_6 (FP),

Start 12:

- Found in 6 of 893 (0.7%) of genes in pham
- Manual Annotations of this start: 4 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 8UZL_9 (AB), FF47_09 (AB), JacoRen57_6 (AB), Maco6_7 (AB), Muddy_9 (AB), NoShow_7 (AB),

Start 13:

- Found in 36 of 893 (4.0%) of genes in pham
- Manual Annotations of this start: 3 of 787
- Called 25.0% of time when present
- Phage (with cluster) where this start called: LilBandit_6 (BU), P104B_6 (BU), P9.1_6 (BU), PHL037M02_06 (BU), PHL067M10_06 (BU), PHL111M01_06 (BU), PHL112N00_06 (BU), PHL113M01_06 (BU), PHL114L00_06 (BU),

Start 14:

- Found in 57 of 893 (6.4%) of genes in pham
- Manual Annotations of this start: 40 of 787
- Called 84.2% of time when present
- Phage (with cluster) where this start called: ATCC29399BC_6 (BU), ATCC29399BT_6 (BU), Aquarius_6 (BU), Attacne_6 (BU), BruceLethal_6 (BU), Cota_6 (BU), DrParker_6 (BU), Enochoraptor_6 (BU), Enoki_6 (BU), Keiki_6 (BU), Kubed_6 (BU), Lauchelly_6 (BU), Leviosa_6 (BU), MEAK_6 (BU), Moyashi_6 (BU), MrAK_6 (BU), Ouroboros_6 (BU), P1.1_6 (BU), P100.1_6 (BU), P100A_6 (BU), P100D_6 (BU), P101A_6 (BU), P104A_6 (BU), P105_6 (BU), P106A_6 (BU), P106C_6 (BU), P106I_6 (BU), P106L_6 (BU), P106M_6 (BU), P107A_6 (BU), P107C_6 (BU), P108C_6 (BU), P14.4_6 (BU), PA6_6 (BU), PAD20_6 (BU), PAS50_6 (BU), PHL010M04_06 (BU), PHL060L00_06 (BU), PHL071N05_06 (BU), Pirate_6 (BU), Procrass1_6 (BU), QueenBey_6 (BU), Rileysaurus_6 (BU), SKKY_6 (BU), Solid_6 (BU), Stormborn_6 (BU), Supernova_6 (BU), Wizzo_6 (BU),

Start 15:

- Found in 18 of 893 (2.0%) of genes in pham
- Manual Annotations of this start: 17 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bonino_6 (EA1), Calix_6 (EA1), Casey_6 (EA3), Chamuel_6 (EA1), Erla_6 (EA1), Etta_6 (EA1), Farewell_6 (AF), Garey24_6 (EA1), Gelo_6 (EA1), Jemerald_8 (EA6), JeriBeth_6 (EA1), Juicer_8 (EA6), Klimt_6 (EA1), Nattles_6 (EA1), Pajaza_6 (EA3), Pikmin_6 (EA3), SonOfLevi_6 (EA1), Sparky_6 (AF),

Start 16:

- Found in 419 of 893 (46.9%) of genes in pham
- Manual Annotations of this start: 377 of 787
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Acosta_7 (EA1), ActinUp_13 (K1), Adephegia_13 (K1), Adonis_13 (K1), Agent47_11 (K5), Agente005_7 (EA1), Ageofdapage_13 (K1), Alakazam_9 (EA5), AlexAdler_6 (EA1), Alexphander_7 (F1), AlishaPH_13 (K1), AlleyCat_11 (K5), Alyxandracam_6 (EA1), Amelie_9 (K1), Amgine_11 (K6), Aminay_11 (K7), Amohnition_12 (K6), Anaya_14 (K1), Andromedas_6 (EA2), Angelica_13 (K1), Antoinette_6 (EA1), Apocalypse_13 (K1), AranulaLuti_6 (EA1), Asayake_13 (K1), Asta_6 (EA1), Atiba_13 (K1), Aubergine_6 (EA1), Awesomesauce_7 (F1), AxiPup_6 (EA1), BEEST_13 (K1), BGlluviae_13 (K1), BaghaKamala_13 (K1), Baines_6 (EA1), Balsa_6 (EA1), Bandik_6 (EA1), BarrelRoll_13 (K1), Beakin_7 (F1), BeautPeep30_6 (EA1), BeeBee8_7 (EA1), Beezoo_13 (K1), Bella96_13 (K1), Belladonna_13 (K1), Benjalauren_6 (EA1), BigPhil_7 (F1), BigRedClifford_6 (EA1), Binglebops_9 (K1), Blage_6 (EA1), Blizzard_13 (K1), Bobi_7 (F1), Boiiii_13 (K1), Boilgate_10 (K8), BonesMcCoy_6 (EA1), Boomer_7 (F1), BoostSeason_9 (K2), BouleyBill_6 (EA4), Bryler_12 (K6), Bustleton_6 (EA4), BuzzLyseyear_7 (F1), Byron23_5 (EA1), CREW_13 (K1), Cain_12 (K6), Capricorn_13 (K1), CaptainRex_8 (EA5), Carostasia_6 (EA10), CaseJules_13 (K1), Cerasum_7 (F1), Chako_6 (EA1), Chancellor_14 (K4), Cheeto1_7 (EA9), CheetoDust_13 (K1), Cheetobro_14 (K4), Chepli_8 (EA6), ChickenDinner_7 (F1), ChickenKing_6 (EA9), ChikPic_6 (EA2), Chris_12 (K1), Christoph_6 (EA1), Clancy_6 (EA1), Clock_8 (EA5), Coco12_7 (F1), ColaCorta_6 (EA2), Collard_11 (K5), Convict_6 (EA1), Cornucopia_7 (F1), CrimD_13 (K1), Curiosium_14 (K1), DS6A_11 (singleton), DaWorst_7 (F1), Dadosky_11 (K5), Dalmuri_13 (K1), DarthP_12 (K6), Dave_6 (EA1), Deby_13 (K1), Delphidian_6 (EA1), Den3_6 (EA1), Devera_13 (K1), DirtMcGirt_7 (F1), DismalFunk_9 (K2), DismalStressor_9 (K2), DocMcStuffins_7 (F1), Dole_13 (K1), DosHalletts_8 (F1), Dothraki_6 (EA1), DrHayes_13 (K1), Drago_7 (F1), Duocatuli_6 (EA1), Durfee_13 (K1), Edugator_10 (K5), Efra2_13 (K1), Ekdilam_10 (K6), Eleri_6 (EA2), Ellie_10 (K6), Emerson_13 (K1), Enby_7 (F1), Endor_7 (EA1), Enkosi_9 (K1), Eponine_14 (K4), Espinosa_6 (EA1), Etna_6 (EA1), FarmerDoug_6 (EA1), Fefferhead_12 (K6), Feyre_11 (K5), Figueroism_6 (EA1), Findley_9 (K2), Finny_6 (EA2), Fionnbharth_14 (K4), Flathead_7 (F1), Frankie_7 (F1), Fryberger_39 (DP), Fulton_8 (EA5), GaeCeo_7 (EA9), Ganymede_13 (K1), GardenB_6 (EA1), Gargoyle_6 (EA1), Gengar_11 (K5), Geraldini_13 (K1), Gershwin_6 (EA1), Girafales_7 (F1), Glamour_5 (EA2), Golden_6 (EA4), Greenlvy_8 (EA5), Greys_6 (EA1), Guanica15_13 (K1), Gubbabump_6 (EA1), Guetzie_6 (EA4), Guey18_44 (DP), Guillsminger_11 (K5), Hamlet_6 (EA1), Hammy_12 (K6), HanSolo_6 (EA1), HankSprout_6 (EA1), Hasitha_8 (EA5), HedwigODU_13 (K1), Heftyboy_11 (K5), Hegedechwinu_7 (F1), HerculesXL_9 (EA11), Homura_13 (K1), HungryHenry_6 (EA1), Hurricane_12 (K3), Hyperbowlee_13 (K1), Illumine_13 (K1), Ilzat_6 (EA1), Inky_13 (K1), Inventa_6

(EA1), InvictusManeo_11 (K5), Ioannes_6 (EA1), Ixel_8 (EA11), JAWS_13 (K1), JF1_14 (K4), JalFarm20_7 (F1), Janus167_6 (EA1), Jarvi_13 (K1), JasonD_8 (EA1), JasperRussell_6 (EA1), Jayhawk_13 (K1), Jeckyll_13 (K1), Jenos_8 (EA1), Jerbirus_6 (EA1), Job42_7 (F1), Joy99_13 (K1), Juanyo_6 (EA10), Juice456_7 (F1), Juliette_14 (K4), Kale_6 (EA1), KannH_6 (EA1), KatChan_8 (EA6), Kauala_6 (EA4), Keelan_37 (DP), Keshu_12 (K3), KiSi_12 (K1), Kimberlium_7 (F1), KingJulien_6 (EA1), Kingsley_7 (F1), Knox_6 (EA1), Koji_6 (EA4), Kratio_10 (K5), Krueger_12 (K6), Kurt1_6 (EA1), Larva_11 (K5), LastHope_13 (K1), LaterM_13 (K1), LeMond_12 (K1), Leafus_6 (EA1), Leozinho_7 (F1), Leston_11 (K5), Librie_8 (EA5), LilPharaoh_9 (K1), LilTerminator_8 (EA5), LindNT_13 (K1), LittleShirley_7 (F1), Llorens_13 (K1), Lorde_7 (F1), Lovelyunicorn_6 (EA1), Lucky3_6 (EA4), Ludgate_6 (EA1), Luna18_8 (EA6), Lunahalos_13 (K1), MCubed_6 (EA2), MacnCheese_13 (K3), Madiba_7 (F1), MaeLinda_6 (EA1), Malthus_14 (K4), ManRay_6 (EA1), Mandalorian_6 (EA10), Marcoliusprime_9 (K2), MarkPhew_12 (K1), Marker_7 (F1), Marshawn_14 (K6), Martin_7 (EA1), McGalleon_7 (EA1), Mdavu_9 (K1), MeaningOfLife_13 (K1), Megsy_13 (K1), Mercedes_7 (EA), MillyPhilly_6 (EA1), Milly_9 (K2), Miryou_11 (K5), Misha28_7 (F1), MissDaisy_14 (K4), Mitti_14 (K4), MonChoix_6 (EA1), Morrigan_8 (EA6), Mova_7 (F1), Mozy_7 (F1), MrWorldwide_6 (EA1), Mufasa_9 (K2), Murucutumbu_13 (K1), Mynx_13 (K1), Nagem_6 (EA1), Nebulous_8 (EA5), Neferthena_8 (EA5), Nibb_12 (K1), NickSell_6 (EA1), Nikao_9 (K1), Niklas_13 (K1), Nucci_6 (EA10), Nutello_9 (K1), Oats_6 (EA1), OkiRoe_11 (K5), Oksu_7 (F1), OldNelly_6 (EA1), OmniCritical_14 (K4), Omnicron_11 (K5), Oscar_12 (K1), OwlsT2W_7 (F1), Oxtober96_6 (EA1), Padfoot_13 (K1), Padpat_13 (K1), Paola_11 (K5), Papafritta_6 (EA1), ParleG_6 (EA1), Patt_14 (K4), Peanam_13 (K1), Peel_13 (K1), Peep_6 (EA1), Peppino_6 (EA1), Pharb_12 (K3), PhelpsODU_12 (K6), Pherbot_6 (EA4), Pherferi_6 (EA1), Phiderman_6 (EA1), Phireproof_6 (EA1), Phrank_12 (K6), PhredFlintston_6 (EA1), Phriends_6 (EA1), Piatt_13 (K1), Piper2020_7 (F1), Pixie_12 (K3), Plumbus_7 (F1), Pocket_6 (EA1), Pokerus_12 (K1), Pollywog_7 (F1), PrincePhergus_6 (EA4), Prithvi_13 (K1), Psycho_11 (K5), PuppyEggo_6 (EA1), QuadZero_8 (EA5), Quartz_6 (EA10), Quico_7 (F1), QuincyRose_12 (K1), Raccoon_6 (EA1), Ramen_13 (K1), Ramsey_7 (F1), Rando14_11 (K5), Rapheph_6 (EA1), Raptor_6 (EA1), Rapunzel97_13 (K1), Redfield_6 (EA1), Renzie_6 (EA1), Reptar3000_14 (K4), Rialto_7 (F1), Riyhil_6 (EA1), Robinson_6 (EA1), RockyHorror_7 (F1), Rog141_6 (EA1), Ronaldo_42 (DP), Rosmarinus_13 (K1), Ruthiejr_13 (K4), SJay_6 (EA1), SamScheppers_12 (K4), SamuelLPlaqson_13 (K1), Sansa_5 (EA2), Saratos_6 (EA2), Sarma624_7 (F1), Scarlett_12 (K1), Schimmels22_9 (EA11), Schnapsidee_6 (EA1), Schubert_7 (EA8), Seagreen_7 (F1), Sedgewig_6 (EA1), SgtBeansprout_9 (K1), Shadow1_11 (K6), ShaiHulud_6 (EA1), Shamu_6 (EA2), Shaobing_13 (K1), ShedlockHolmes_12 (K3), Shee_6 (EA1), ShiaSurprise_13 (K1), SimranZ1_7 (F1), Sinatra_6 (EA4), SirPhilip_12 (K6), SirVictor_6 (EA4), Slarp_14 (K4), Slimphazie_13 (K1), SoSeph_11 (K5), SoilGremlin_6 (EA1), Spikelee_7 (F1), Spock_13 (K1), Squirty_7 (F3), Stanktossa_6 (EA1), Stap_7 (F1), Starcevich_7 (F1), StingRay_6 (EA1), Stinson_13 (K1), StirfryIV_6 (EA1), Stormbreaker8_6 (EA1), Strathdee_6 (EA1), Strobilo_10 (K2), Sulley_13 (K1), Sunflower1121_11 (K6), Superfresh_6 (EA1), Syra333_12 (K6), TBond007_12 (K3), TClif_12 (K6), TM4_9 (K2), Tachez_13 (K1), TaiwanKao_13 (K1), Taquito_12 (K4), TatarkaPM_6 (EA1), Teagan_6 (EA1), TeddyBear_6 (EA1), Tenda_6 (EA1), Theresita_7 (EA7), Thompsone_6 (EA1), Thorongil_6 (EA1), Thyatira_11 (K5), Tierra_12 (K6), TinSulphur_6 (EA1), TiniBug_13 (K1), Tinyman4_9 (EA11), Tiri_13 (K1), TootsiePop_7 (F1), Tootsieroll_7 (F1), Topper_13 (K1), Totinger_7 (F1), TreyKay_13 (K1), TribbleTrouble_11 (K3), TruffulaTree_13 (K1), Twitch_13 (K1), UncleRicky_7 (F1), Unicorn_12 (K6), Urkel_13 (K1), Validus_13 (K1), Velene_6 (EA1), Veliki_13 (K1), Velveteen_7 (F1), Vispistious_6 (EA1), Volt_41

(DP), Waterfoul_11 (K5), WestPM_8 (EA11), WildNOut_6 (EA1), WilliamStrong_6 (EA6), Wintermute_14 (K4), Winzigespinne_6 (EA1), Ximenita_13 (K6), Y10_14 (K4), Y2_14 (K4), YoureAdopted_12 (K1), Yuna_13 (K6), Yunkel11_13 (K1), YuuY_6 (EA10), Zabiza_13 (K1), Zada_6 (EA1), Zavala_13 (K1), Zayuliv_8 (EA5), Zenitsu_6 (EA2), Zepp_9 (EA5), Ziko_42 (DP), ZoeJ_9 (K2),

Start 17:

- Found in 154 of 893 (17.2%) of genes in pham
- Manual Annotations of this start: 99 of 787
- Called 72.1% of time when present
- Phage (with cluster) where this start called: AbbyDaisy_7 (AY), Angel_7 (G1), Annihilator_7 (G1), Antsirabe_7 (G5), Aroostook_7 (G1), Asapag_7 (DN1), Avani_7 (F2), Avocado_7 (G2), Avrafan_7 (G1), BENtherdunthat_7 (DN1), BPs_7 (G1), BQuat_7 (G1), Barkley26_7 (G1), Blarby_8 (F), BruceB_7 (G1), Budski_7 (DN), CLED96_7 (G1), Cambiare_8 (G2), Camri_7 (G1), CassieYates_7 (G1), Cedasite_7 (G1), Chance64_7 (G1), Che9d_7 (F2), CheeseTouch_7 (DN1), Cherrybomb426_7 (G1), Coleslaw_7 (G1), Crespo_7 (G1), DMoney_7 (G1), DNAIII_007 (G1), Darionha_7 (G1), Demsculpinboyz_7 (F2), ECartman_7 (G1), Ecliptus_7 (DN), FlagStaff_7 (G2), Frickyeah_7 (DN1), Frosty24_7 (G1), Getalong_7 (DN1), Gideon_7 (G1), GoldenAsh_7 (G1), Gomashi_7 (G1), Grizzly_7 (G1), Halo_7 (G1), Holliday_7 (DN1), Hope_7 (G1), Horus_7 (DN1), Hotshotbaby7_7 (G1), IdentityCrisis_7 (singleton), Jabbawokkie_8 (F2), Jane_7 (G1), Jolene_7 (G1), Jolie2_7 (G4), Jonghyun_7 (G1), JorRay_7 (G1), Kamaru_7 (DN1), Kareem_7 (G1), Kasen3_7 (G1), Kenna_7 (DN1), Lemuria_7 (G4), Leroy_7 (DN1), Liefie_7 (G1), LitninMcQueen_7 (DN1), LouisV14_7 (G1), Lucky10_6 (DH), Lutum_7 (DN1), MOOREtheMARYer_7 (G3), Malisha_7 (DN), Marmie_7 (G1), Mercurio_8 (G4), Morkie_6 (DH), Mowgli_7 (G1), MrSmee_6 (UNK), ODay_7 (DN), OctaviousRex_7 (G1), Ogopogo_8 (F1), Olga_7 (G1), P3MA_7 (UNK), Pace1224_7 (G2), Paito_7 (G1), Peeb_7 (G1), Periodt_7 (G1), Periwinkle_7 (DN1), Phabuloso_7 (DN1), Phish_7 (G1), Phistory_7 (DN1), PhorbesPhlower_6 (DH), Phreak_7 (G1), PinkYoshi_7 (G1), Pinnie_8 (G3), Pitbull_6 (FQ), Plagueis_7 (G1), Rabbs_7 (G1), Raqqa_7 (AY), Remy19_7 (G1), Renaissance_7 (G1), Schiebel_7 (G1), ShaboiShabazz_7 (G1), Sizemore_7 (G1), Sneeze_7 (G1), Soul22_7 (F2), Spooky_7 (DN2), Squiddly_8 (DN2), Stargaze_7 (G5), Sweets_7 (G1), Taheera_7 (G1), Terror_7 (G1), TomBrady_7 (G1), Whitney_7 (DN1), Yoshi_7 (F2), Zapner_8 (F2), ZoMa_7 (G1), Zombie_7 (G1),

Summary by clusters:

There are 45 clusters represented in this pham: DN, FQ, singleton, DH, UNK, K3, FA, K1, AY, K6, K5, K4, K8, DP, G5, G4, G3, G2, G1, EA5, F, A1, DN1, DN2, CT, AB, AF, EA, FP, EA9, EA8, EA1, EA3, EA2, K2, EA4, EA7, EA6, F1, F2, F3, EA11, EA10, BU, K7,

Info for manual annotations of cluster A1:

- Start number 4 was manually annotated 190 times for cluster A1.

Info for manual annotations of cluster AB:

- Start number 12 was manually annotated 4 times for cluster AB.

Info for manual annotations of cluster AF:

- Start number 15 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AY:

- Start number 17 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster BU:

- Start number 13 was manually annotated 3 times for cluster BU.
- Start number 14 was manually annotated 40 times for cluster BU.

Info for manual annotations of cluster CT:

- Start number 3 was manually annotated 32 times for cluster CT.
- Start number 7 was manually annotated 2 times for cluster CT.
- Start number 8 was manually annotated 6 times for cluster CT.
- Start number 10 was manually annotated 8 times for cluster CT.

Info for manual annotations of cluster DH:

- Start number 17 was manually annotated 3 times for cluster DH.

Info for manual annotations of cluster DN:

- Start number 17 was manually annotated 4 times for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 17 was manually annotated 14 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 17 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster DP:

- Start number 16 was manually annotated 6 times for cluster DP.

Info for manual annotations of cluster EA:

- Start number 16 was manually annotated 1 time for cluster EA.

Info for manual annotations of cluster EA1:

- Start number 15 was manually annotated 10 times for cluster EA1.
- Start number 16 was manually annotated 94 times for cluster EA1.

Info for manual annotations of cluster EA10:

- Start number 16 was manually annotated 5 times for cluster EA10.

Info for manual annotations of cluster EA11:

- Start number 16 was manually annotated 4 times for cluster EA11.

Info for manual annotations of cluster EA2:

- Start number 16 was manually annotated 11 times for cluster EA2.

Info for manual annotations of cluster EA3:

- Start number 15 was manually annotated 3 times for cluster EA3.

Info for manual annotations of cluster EA4:

- Start number 16 was manually annotated 10 times for cluster EA4.

Info for manual annotations of cluster EA5:

- Start number 16 was manually annotated 9 times for cluster EA5.

Info for manual annotations of cluster EA6:

- Start number 15 was manually annotated 2 times for cluster EA6.
- Start number 16 was manually annotated 5 times for cluster EA6.

Info for manual annotations of cluster EA7:

- Start number 16 was manually annotated 1 time for cluster EA7.

Info for manual annotations of cluster EA8:

- Start number 16 was manually annotated 1 time for cluster EA8.

Info for manual annotations of cluster EA9:

- Start number 16 was manually annotated 3 times for cluster EA9.

Info for manual annotations of cluster F1:

- Start number 16 was manually annotated 47 times for cluster F1.
- Start number 17 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F2:

- Start number 17 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F3:

- Start number 16 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster FA:

- Start number 5 was manually annotated 7 times for cluster FA.

Info for manual annotations of cluster FP:

- Start number 11 was manually annotated 2 times for cluster FP.

Info for manual annotations of cluster G1:

- Start number 17 was manually annotated 58 times for cluster G1.

Info for manual annotations of cluster G2:

- Start number 17 was manually annotated 3 times for cluster G2.

Info for manual annotations of cluster G3:

- Start number 17 was manually annotated 2 times for cluster G3.

Info for manual annotations of cluster G4:

- Start number 17 was manually annotated 2 times for cluster G4.

Info for manual annotations of cluster G5:

- Start number 17 was manually annotated 1 time for cluster G5.

Info for manual annotations of cluster K1:

- Start number 16 was manually annotated 99 times for cluster K1.

Info for manual annotations of cluster K2:

- Start number 16 was manually annotated 9 times for cluster K2.

Info for manual annotations of cluster K3:

- Start number 16 was manually annotated 8 times for cluster K3.

Info for manual annotations of cluster K4:

- Start number 16 was manually annotated 19 times for cluster K4.

Info for manual annotations of cluster K5:

- Start number 16 was manually annotated 20 times for cluster K5.

Info for manual annotations of cluster K6:

- Start number 16 was manually annotated 21 times for cluster K6.

Info for manual annotations of cluster K7:

- Start number 16 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:

- Start number 16 was manually annotated 1 time for cluster K8.

Gene Information:

Gene: 8UZL_9 Start: 6448, Stop: 7437, Start Num: 12

Candidate Starts for 8UZL_9:

(Start: 12 @6448 has 4 MA's), (24, 6511), (26, 6523), (37, 6574), (38, 6580), (50, 6637), (63, 6694), (69, 6721), (93, 6811), (118, 6928), (120, 6934), (143, 7018), (174, 7138), (186, 7189), (196, 7276), (211, 7339),

Gene: A6_13 Start: 11166, Stop: 12167, Start Num: 4

Candidate Starts for A6_13:

(Start: 4 @11166 has 190 MA's), (34, 11310), (46, 11361), (48, 11376), (70, 11496), (76, 11517), (94, 11592), (105, 11652), (116, 11703), (130, 11754), (151, 11838), (191, 12015), (194, 12054), (196, 12060), (216, 12144),

Gene: AFIS_15 Start: 11504, Stop: 12505, Start Num: 4

Candidate Starts for AFIS_15:

(Start: 4 @11504 has 190 MA's), (34, 11648), (46, 11699), (48, 11714), (70, 11834), (76, 11855), (94, 11930), (105, 11990), (130, 12092), (151, 12176), (182, 12296), (191, 12353), (194, 12392), (196, 12398), (207, 12449),

Gene: ATCC29399BC_6 Start: 4644, Stop: 5591, Start Num: 14

Candidate Starts for ATCC29399BC_6:

(Start: 14 @4644 has 40 MA's), (24, 4692), (31, 4734), (40, 4776), (44, 4788), (60, 4887), (61, 4890), (68, 4920), (77, 4950), (129, 5157), (136, 5181), (146, 5217), (151, 5253), (156, 5280), (163, 5298), (175, 5340), (199, 5484), (206, 5511), (214, 5544),

Gene: ATCC29399BT_6 Start: 4640, Stop: 5587, Start Num: 14

Candidate Starts for ATCC29399BT_6:

(Start: 13 @4637 has 3 MA's), (Start: 14 @4640 has 40 MA's), (24, 4688), (40, 4772), (61, 4886), (68, 4916), (77, 4946), (93, 4997), (102, 5054), (104, 5060), (129, 5153), (136, 5177), (146, 5213), (151, 5249), (175, 5336), (199, 5480), (206, 5507), (214, 5540),

Gene: AbbyDaisy_7 Start: 5038, Stop: 5925, Start Num: 17

Candidate Starts for AbbyDaisy_7:

(Start: 17 @5038 has 99 MA's), (31, 5125), (38, 5152), (50, 5209), (56, 5257), (64, 5290), (67, 5308), (126, 5530), (152, 5632),

Gene: Abbysshoes_16 Start: 11593, Stop: 12609, Start Num: 4

Candidate Starts for Abbysshoes_16:

(Start: 4 @11593 has 190 MA's), (46, 11788), (48, 11803), (51, 11818), (63, 11890), (70, 11923), (76, 11944), (94, 12019), (105, 12079), (151, 12265), (190, 12436), (191, 12442), (196, 12499), (203, 12535),

Gene: Abrogate_160 Start: 12249, Stop: 13256, Start Num: 4

Candidate Starts for Abrogate_160:

(Start: 4 @12249 has 190 MA's), (34, 12393), (46, 12444), (48, 12459), (70, 12579), (76, 12600), (94, 12675), (105, 12735), (116, 12786), (125, 12819), (130, 12837), (151, 12921), (190, 13092), (191, 13098), (196, 13152),

Gene: Acme_17 Start: 11940, Stop: 12950, Start Num: 4

Candidate Starts for Acme_17:

(Start: 4 @11940 has 190 MA's), (34, 12084), (46, 12135), (48, 12150), (70, 12270), (76, 12291), (94, 12366), (105, 12426), (125, 12510), (130, 12528), (151, 12612), (190, 12783), (191, 12789), (196, 12843),

Gene: Acosta_7 Start: 4827, Stop: 5819, Start Num: 16

Candidate Starts for Acosta_7:

(Start: 16 @4827 has 377 MA's), (38, 4944), (50, 5001), (54, 5034), (66, 5088), (70, 5106), (132, 5376), (183, 5556), (186, 5577), (189, 5598), (197, 5670), (205, 5697),

Gene: ActinUp_13 Start: 7931, Stop: 8869, Start Num: 16

Candidate Starts for ActinUp_13:

(Start: 16 @7931 has 377 MA's), (31, 8021), (38, 8048), (67, 8195), (70, 8207), (72, 8219), (95, 8306), (112, 8390), (120, 8420), (180, 8618), (187, 8657), (197, 8741), (198, 8744), (207, 8777), (212, 8801), (227, 8843),

Gene: Adahisdi_16 Start: 11831, Stop: 12832, Start Num: 4

Candidate Starts for Adahisdi_16:

(Start: 4 @11831 has 190 MA's), (34, 11975), (46, 12026), (48, 12041), (70, 12161), (76, 12182), (94, 12257), (105, 12317), (125, 12401), (130, 12419), (151, 12503), (182, 12623), (191, 12680), (194, 12719), (196, 12725),

Gene: Adephagia_13 Start: 7931, Stop: 8869, Start Num: 16

Candidate Starts for Adephagia_13:

(Start: 16 @7931 has 377 MA's), (31, 8021), (38, 8048), (67, 8195), (70, 8207), (72, 8219), (95, 8306), (112, 8390), (120, 8420), (180, 8618), (187, 8657), (197, 8741), (198, 8744), (207, 8777), (212, 8801), (227, 8843),

Gene: Adonis_13 Start: 7942, Stop: 8874, Start Num: 16

Candidate Starts for Adonis_13:

(Start: 16 @7942 has 377 MA's), (31, 8032), (38, 8059), (67, 8206), (70, 8218), (72, 8230), (95, 8317), (112, 8401), (120, 8431), (180, 8629), (187, 8668), (197, 8752), (198, 8755), (207, 8788), (212, 8812), (227, 8854),

Gene: Aeneas_17 Start: 11926, Stop: 12924, Start Num: 4

Candidate Starts for Aeneas_17:

(Start: 4 @11926 has 190 MA's), (34, 12070), (46, 12121), (48, 12136), (70, 12256), (76, 12277), (94, 12352), (105, 12412), (130, 12514), (151, 12598), (182, 12718), (191, 12775), (194, 12814), (196, 12820),

Gene: Agaliana_15 Start: 11642, Stop: 12658, Start Num: 4

Candidate Starts for Agaliana_15:

(Start: 4 @11642 has 190 MA's), (46, 11837), (48, 11852), (51, 11867), (63, 11939), (70, 11972), (76, 11993), (94, 12068), (105, 12128), (151, 12314), (190, 12485), (191, 12491), (196, 12548), (203, 12584), (207, 12599),

Gene: Agatha_8 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for Agatha_8:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (52, 5608), (87, 5746), (94, 5782), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Agent47_11 Start: 8100, Stop: 9020, Start Num: 16

Candidate Starts for Agent47_11:

(Start: 16 @8100 has 377 MA's), (38, 8217), (44, 8244), (54, 8304), (62, 8340), (64, 8346), (70, 8376), (81, 8412), (95, 8475), (98, 8505), (197, 8910), (198, 8913), (207, 8946), (212, 8970),

Gene: Agente005_7 Start: 4870, Stop: 5862, Start Num: 16

Candidate Starts for Agente005_7:

(Start: 16 @4870 has 377 MA's), (38, 4987), (50, 5044), (66, 5131), (92, 5230), (127, 5398), (132, 5419), (133, 5425), (186, 5620), (189, 5641), (197, 5713), (198, 5716), (205, 5740),

Gene: Ageofdapage_13 Start: 7870, Stop: 8805, Start Num: 16

Candidate Starts for Ageofdapage_13:

(Start: 16 @7870 has 377 MA's), (31, 7960), (38, 7987), (59, 8092), (67, 8134), (70, 8146), (72, 8158), (95, 8245), (120, 8359), (180, 8557), (187, 8596), (197, 8680), (198, 8683), (207, 8716), (212, 8740), (227, 8782),

Gene: AikoCarson_7 Start: 5103, Stop: 6074, Start Num: 3

Candidate Starts for AikoCarson_7:

(Start: 3 @5103 has 32 MA's), (Start: 17 @5154 has 99 MA's), (66, 5412), (68, 5421), (87, 5466), (110, 5577), (115, 5604), (140, 5703), (154, 5757), (164, 5793), (165, 5796), (170, 5811), (173, 5823), (201, 5979), (212, 6024), (213, 6027),

Gene: Ajay_15 Start: 11638, Stop: 12648, Start Num: 4

Candidate Starts for Ajay_15:

(Start: 4 @11638 has 190 MA's), (46, 11833), (48, 11848), (70, 11968), (76, 11989), (94, 12064), (105, 12124), (151, 12310), (190, 12481), (191, 12487), (196, 12544), (203, 12580),

Gene: Alakazam_9 Start: 5969, Stop: 6946, Start Num: 16

Candidate Starts for Alakazam_9:

(Start: 16 @5969 has 377 MA's), (27, 6032), (37, 6080), (38, 6086), (42, 6107), (59, 6194), (89, 6308), (94, 6344), (110, 6425), (127, 6497), (135, 6530), (149, 6578), (179, 6683), (183, 6698), (185, 6716), (197, 6800), (198, 6803), (205, 6827),

Gene: AlexAdler_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for AlexAdler_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (180, 5410), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Alexphander_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Alexphander_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (192, 5775), (197, 5805), (201, 5820), (207, 5841),

Gene: AlishaPH_13 Start: 7933, Stop: 8868, Start Num: 16

Candidate Starts for AlishaPH_13:

(Start: 16 @7933 has 377 MA's), (31, 8023), (38, 8050), (67, 8197), (70, 8209), (72, 8221), (95, 8308), (112, 8392), (120, 8422), (180, 8620), (187, 8659), (197, 8743), (198, 8746), (207, 8779), (212, 8803), (227, 8845),

Gene: AlleyCat_11 Start: 7993, Stop: 8925, Start Num: 16

Candidate Starts for AlleyCat_11:

(Start: 16 @7993 has 377 MA's), (38, 8110), (44, 8137), (54, 8197), (62, 8233), (64, 8239), (70, 8269), (81, 8305), (95, 8368), (98, 8398), (197, 8803), (198, 8806), (212, 8863),

Gene: Alsfro_19 Start: 12380, Stop: 13387, Start Num: 4

Candidate Starts for Alsfro_19:

(Start: 4 @12380 has 190 MA's), (34, 12524), (46, 12575), (48, 12590), (70, 12710), (76, 12731), (94, 12806), (105, 12866), (130, 12968), (151, 13052), (156, 13082), (190, 13223), (191, 13229), (196, 13277),

Gene: Altman_16 Start: 12175, Stop: 13182, Start Num: 4

Candidate Starts for Altman_16:

(Start: 4 @12175 has 190 MA's), (34, 12319), (46, 12370), (48, 12385), (70, 12505), (76, 12526), (94, 12601), (105, 12661), (125, 12745), (130, 12763), (151, 12847), (190, 13018), (191, 13024), (193, 13057), (196, 13078), (207, 13129),

Gene: Alvin_16 Start: 11849, Stop: 12859, Start Num: 4

Candidate Starts for Alvin_16:

(Start: 4 @11849 has 190 MA's), (34, 11993), (46, 12044), (48, 12059), (70, 12179), (76, 12200), (94, 12275), (98, 12308), (105, 12335), (125, 12419), (130, 12437), (151, 12521), (182, 12641), (191, 12698), (196, 12746),

Gene: Alyxandracam_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Alyxandracam_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Amelie_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for Amelie_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: Amgine_11 Start: 7569, Stop: 8492, Start Num: 16

Candidate Starts for Amgine_11:

(Start: 16 @7569 has 377 MA's), (26, 7629), (31, 7659), (38, 7686), (44, 7713), (54, 7773), (70, 7845), (72, 7857), (98, 7974), (114, 8037), (144, 8157), (185, 8283), (187, 8295), (190, 8313), (197, 8379), (198, 8382), (207, 8415), (212, 8439),

Gene: Aminay_11 Start: 7845, Stop: 8768, Start Num: 16

Candidate Starts for Aminay_11:

(Start: 16 @7845 has 377 MA's), (31, 7935), (38, 7962), (44, 7989), (70, 8121), (79, 8151), (81, 8157), (94, 8217), (101, 8265), (109, 8295), (135, 8397), (151, 8457), (185, 8559), (187, 8571), (190, 8589), (197, 8655), (207, 8691), (217, 8730),

Gene: Amohnition_12 Start: 7821, Stop: 8753, Start Num: 16

Candidate Starts for Amohnition_12:

(Start: 16 @7821 has 377 MA's), (31, 7911), (38, 7938), (44, 7965), (70, 8097), (88, 8154), (101, 8241), (109, 8271), (120, 8310), (144, 8409), (185, 8535), (187, 8547), (190, 8565), (197, 8631), (198, 8634), (212, 8691),

Gene: Amok_7 Start: 5104, Stop: 6075, Start Num: 3

Candidate Starts for Amok_7:

(Start: 3 @5104 has 32 MA's), (Start: 17 @5155 has 99 MA's), (56, 5368), (66, 5413), (68, 5422), (87, 5467), (110, 5578), (115, 5605), (154, 5758), (164, 5794), (165, 5797), (173, 5824), (201, 5980), (212, 6025), (213, 6028),

Gene: Anaya_14 Start: 7935, Stop: 8870, Start Num: 16

Candidate Starts for Anaya_14:

(Start: 16 @7935 has 377 MA's), (31, 8025), (38, 8052), (44, 8079), (67, 8199), (70, 8211), (72, 8223), (81, 8247), (95, 8310), (120, 8424), (180, 8622), (187, 8661), (190, 8679), (197, 8745), (198, 8748), (207, 8781), (210, 8790), (212, 8805), (227, 8847),

Gene: AndPeggy_7 Start: 5411, Stop: 6367, Start Num: 3

Candidate Starts for AndPeggy_7:

(Start: 3 @5411 has 32 MA's), (Start: 17 @5453 has 99 MA's), (56, 5666), (66, 5711), (68, 5720), (87, 5765), (110, 5876), (140, 6002), (154, 6056), (164, 6092), (165, 6095), (173, 6122), (201, 6278), (212, 6323), (213, 6326),

Gene: Andromedas_6 Start: 4885, Stop: 5826, Start Num: 16

Candidate Starts for Andromedas_6:

(Start: 16 @4885 has 377 MA's), (30, 4972), (38, 5002), (39, 5014), (42, 5023), (50, 5059), (89, 5224), (101, 5308), (127, 5407), (186, 5629), (197, 5710), (231, 5815),

Gene: Angel_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Angel_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Angelica_13 Start: 7902, Stop: 8840, Start Num: 16

Candidate Starts for Angelica_13:

(Start: 16 @7902 has 377 MA's), (31, 7992), (38, 8019), (67, 8166), (70, 8178), (72, 8190), (95, 8277), (112, 8361), (120, 8391), (180, 8589), (187, 8628), (197, 8712), (198, 8715), (207, 8748), (212, 8772), (227, 8814),

Gene: Anglerfish_16 Start: 12562, Stop: 13578, Start Num: 4

Candidate Starts for Anglerfish_16:

(Start: 4 @12562 has 190 MA's), (46, 12757), (48, 12772), (51, 12787), (63, 12859), (70, 12892), (76, 12913), (94, 12988), (105, 13048), (151, 13234), (190, 13405), (191, 13411), (196, 13468), (203, 13504), (207, 13519),

Gene: Annihilator_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Annihilator_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Antoinette_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Antoinette_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Antsirabe_7 Start: 7265, Stop: 8191, Start Num: 17

Candidate Starts for Antsirabe_7:

(Start: 17 @7265 has 99 MA's), (26, 7322), (27, 7325), (31, 7352), (56, 7484), (64, 7517), (77, 7568), (94, 7628), (100, 7667), (106, 7685), (124, 7766), (157, 7898), (167, 7928), (170, 7940), (191, 8057), (212, 8165), (222, 8183),

Gene: Apocalypse_13 Start: 7909, Stop: 8844, Start Num: 16

Candidate Starts for Apocalypse_13:

(Start: 16 @7909 has 377 MA's), (31, 7999), (38, 8026), (67, 8173), (70, 8185), (72, 8197), (95, 8284), (112, 8368), (120, 8398), (180, 8596), (187, 8635), (197, 8719), (198, 8722), (207, 8755), (212, 8779), (227, 8821),

Gene: Applejack_15 Start: 11575, Stop: 12573, Start Num: 4

Candidate Starts for Applejack_15:

(Start: 4 @11575 has 190 MA's), (34, 11719), (46, 11770), (48, 11785), (70, 11905), (76, 11926), (94, 12001), (105, 12061), (125, 12145), (130, 12163), (151, 12247), (182, 12367), (191, 12424), (194, 12463), (196, 12469),

Gene: Aquarius_6 Start: 4637, Stop: 5581, Start Num: 14

Candidate Starts for Aquarius_6:

(Start: 14 @4637 has 40 MA's), (24, 4685), (31, 4727), (40, 4769), (44, 4781), (61, 4883), (65, 4898), (68, 4913), (78, 4946), (93, 4994), (104, 5057), (129, 5150), (136, 5174), (142, 5198), (146, 5210), (151, 5246), (156, 5273), (170, 5315), (175, 5333), (179, 5351), (195, 5456), (199, 5477), (204, 5495), (206, 5504), (213, 5534), (214, 5537),

Gene: AranulaLuti_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for AranulaLuti_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Arcanine_16 Start: 11512, Stop: 12528, Start Num: 4

Candidate Starts for Arcanine_16:

(Start: 4 @11512 has 190 MA's), (46, 11707), (48, 11722), (70, 11842), (76, 11863), (94, 11938), (105, 11998), (151, 12184), (190, 12355), (191, 12361), (196, 12418), (203, 12454),

Gene: Arlo_14 Start: 11200, Stop: 12207, Start Num: 4

Candidate Starts for Arlo_14:

(Start: 4 @11200 has 190 MA's), (48, 11410), (70, 11530), (76, 11551), (94, 11626), (110, 11707), (125, 11770), (130, 11788), (151, 11872), (191, 12049), (196, 12097),

Gene: Aroostook_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Aroostook_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Asapag_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Asapag_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: Asayake_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Asayake_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Ashballer_14 Start: 11579, Stop: 12577, Start Num: 4

Candidate Starts for Ashballer_14:

(Start: 4 @11579 has 190 MA's), (34, 11723), (46, 11774), (48, 11789), (70, 11909), (76, 11930), (94, 12005), (105, 12065), (130, 12167), (151, 12251), (182, 12371), (191, 12428), (194, 12467), (196, 12473),

Gene: Asta_6 Start: 4722, Stop: 5648, Start Num: 16

Candidate Starts for Asta_6:

(Start: 16 @4722 has 377 MA's), (38, 4839), (42, 4860), (50, 4896), (67, 4989), (69, 4995), (70, 5001), (89, 5061), (101, 5145), (133, 5259), (169, 5385), (185, 5451), (197, 5535), (205, 5562), (227, 5637),

Gene: Atiba_13 Start: 7897, Stop: 8832, Start Num: 16

Candidate Starts for Atiba_13:

(Start: 16 @7897 has 377 MA's), (31, 7987), (38, 8014), (67, 8161), (70, 8173), (72, 8185), (95, 8272), (112, 8356), (120, 8386), (180, 8584), (187, 8623), (197, 8707), (198, 8710), (207, 8743), (212, 8767), (227, 8809),

Gene: Atkinbua_16 Start: 11554, Stop: 12555, Start Num: 4

Candidate Starts for Atkinbua_16:

(Start: 4 @11554 has 190 MA's), (34, 11698), (48, 11764), (70, 11884), (76, 11905), (94, 11980), (105, 12040), (130, 12142), (151, 12226), (182, 12346), (191, 12403), (194, 12442), (196, 12448),

Gene: Attacne_6 Start: 4645, Stop: 5592, Start Num: 14

Candidate Starts for Attacne_6:

(Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (40, 4777), (44, 4789), (61, 4891), (68, 4921), (77, 4951), (93, 5002), (102, 5059), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (175, 5341), (183, 5371), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: Aubergine_6 Start: 4722, Stop: 5648, Start Num: 16

Candidate Starts for Aubergine_6:

(Start: 16 @4722 has 377 MA's), (38, 4839), (42, 4860), (50, 4896), (67, 4989), (69, 4995), (70, 5001), (89, 5061), (101, 5145), (133, 5259), (169, 5385), (185, 5451), (197, 5535), (205, 5562), (227, 5637),

Gene: Avani_7 Start: 4878, Stop: 5813, Start Num: 17

Candidate Starts for Avani_7:

(Start: 17 @4878 has 99 MA's), (26, 4932), (35, 4977), (43, 5013), (60, 5115), (82, 5190), (122, 5370), (140, 5436), (167, 5532), (176, 5565), (177, 5583), (181, 5607), (187, 5649), (204, 5748), (209, 5766), (213, 5787),

Gene: Avocado_7 Start: 7255, Stop: 8157, Start Num: 17

Candidate Starts for Avocado_7:

(Start: 17 @7255 has 99 MA's), (26, 7312), (27, 7315), (29, 7327), (31, 7342), (50, 7426), (56, 7474), (64, 7507), (77, 7558), (98, 7651), (106, 7675), (113, 7702), (121, 7729), (126, 7753), (167, 7909), (183, 7969),

Gene: Avrafan_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Avrafan_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Awesomesauce_7 Start: 5010, Stop: 5918, Start Num: 16

Candidate Starts for Awesomesauce_7:

(Start: 16 @5010 has 377 MA's), (31, 5100), (32, 5103), (38, 5127), (50, 5184), (54, 5214), (72, 5298), (98, 5415), (131, 5547), (141, 5589), (183, 5706), (184, 5709), (190, 5754), (197, 5808), (201, 5823), (207, 5844),

Gene: AxiPup_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for AxiPup_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Axym_8 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for Axym_8:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (111, 5860), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Azira_10 Start: 6293, Stop: 7219, Start Num: 10

Candidate Starts for Azira_10:

(Start: 10 @6293 has 8 MA's), (38, 6428), (58, 6539), (66, 6578), (77, 6608), (87, 6632), (94, 6668), (103, 6716), (110, 6743), (124, 6806), (125, 6809), (126, 6812), (154, 6923), (164, 6959), (170, 6977), (173, 6989), (188, 7058), (190, 7073), (200, 7142), (209, 7172),

Gene: BEEST_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for BEEST_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: BENtherdunthat_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for BENtherdunthat_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: BGlluviae_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for BGlluviae_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: BK1_13 Start: 11166, Stop: 12167, Start Num: 4

Candidate Starts for BK1_13:

(Start: 4 @11166 has 190 MA's), (34, 11310), (46, 11361), (48, 11376), (70, 11496), (76, 11517), (94, 11592), (105, 11652), (116, 11703), (130, 11754), (151, 11838), (191, 12015), (194, 12054), (196, 12060), (216, 12144),

Gene: BPBiebs31_16 Start: 11839, Stop: 12840, Start Num: 4

Candidate Starts for BPBiebs31_16:

(Start: 4 @11839 has 190 MA's), (48, 12049), (70, 12169), (76, 12190), (94, 12265), (105, 12325), (130, 12427), (151, 12511), (182, 12631), (191, 12688), (194, 12730), (196, 12736),

Gene: BPs_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for BPs_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: BQuat_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for BQuat_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: BaconJack_17 Start: 11618, Stop: 12628, Start Num: 4

Candidate Starts for BaconJack_17:

(Start: 4 @11618 has 190 MA's), (48, 11828), (70, 11948), (76, 11969), (94, 12044), (105, 12104), (125, 12188), (130, 12206), (151, 12290), (182, 12410), (191, 12467), (196, 12515),

Gene: BaghaKamala_13 Start: 7900, Stop: 8835, Start Num: 16

Candidate Starts for BaghaKamala_13:

(Start: 16 @7900 has 377 MA's), (31, 7990), (38, 8017), (67, 8164), (70, 8176), (72, 8188), (95, 8275), (112, 8359), (120, 8389), (180, 8587), (187, 8626), (190, 8644), (197, 8710), (198, 8713), (207, 8746), (212, 8770), (227, 8812),

Gene: BaileyBlu_6 Start: 4654, Stop: 5565, Start Num: 11

Candidate Starts for BaileyBlu_6:

(Start: 11 @4654 has 2 MA's), (45, 4816), (55, 4882), (136, 5197), (139, 5212), (148, 5239), (154, 5272), (209, 5521),

Gene: Baines_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Baines_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Balsa_6 Start: 4714, Stop: 5694, Start Num: 16

Candidate Starts for Balsa_6:

(Start: 16 @4714 has 377 MA's), (38, 4831), (54, 4921), (59, 4939), (66, 4975), (92, 5074), (101, 5137), (127, 5242), (132, 5263), (133, 5269), (189, 5485), (197, 5545), (205, 5572),

Gene: Bandik_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Bandik_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Barkley26_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Barkley26_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: BarrelRoll_13 Start: 7926, Stop: 8861, Start Num: 16

Candidate Starts for BarrelRoll_13:

(Start: 16 @7926 has 377 MA's), (31, 8016), (38, 8043), (67, 8190), (70, 8202), (72, 8214), (95, 8301), (112, 8385), (120, 8415), (180, 8613), (187, 8652), (197, 8736), (198, 8739), (207, 8772), (212, 8796), (227, 8838),

Gene: Barriga_15 Start: 11443, Stop: 12450, Start Num: 4

Candidate Starts for Barriga_15:

(Start: 4 @11443 has 190 MA's), (34, 11587), (36, 11596), (46, 11638), (48, 11653), (70, 11773), (76, 11794), (105, 11929), (130, 12031), (151, 12115), (156, 12145), (190, 12286), (191, 12292), (196, 12340),

Gene: Beakin_7 Start: 5010, Stop: 5918, Start Num: 16

Candidate Starts for Beakin_7:

(Start: 16 @5010 has 377 MA's), (31, 5100), (32, 5103), (38, 5127), (50, 5184), (54, 5214), (72, 5298), (98, 5415), (131, 5547), (141, 5589), (183, 5706), (184, 5709), (190, 5754), (197, 5808), (201, 5823), (207, 5844),

Gene: Beatrix_14 Start: 12282, Stop: 13292, Start Num: 4

Candidate Starts for Beatrix_14:

(Start: 4 @12282 has 190 MA's), (34, 12426), (46, 12477), (48, 12492), (70, 12612), (76, 12633), (94, 12708), (105, 12768), (116, 12819), (125, 12852), (130, 12870), (151, 12954), (190, 13125), (191, 13131), (196, 13188), (207, 13239),

Gene: BeautPeep30_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for BeautPeep30_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: BeeBee8_7 Start: 4880, Stop: 5872, Start Num: 16

Candidate Starts for BeeBee8_7:

(Start: 16 @4880 has 377 MA's), (38, 4997), (50, 5054), (66, 5141), (92, 5240), (127, 5408), (132, 5429), (133, 5435), (181, 5603), (185, 5627), (189, 5651), (197, 5723), (198, 5726),

Gene: BeesKnees_16 Start: 11641, Stop: 12642, Start Num: 4

Candidate Starts for BeesKnees_16:

(Start: 4 @11641 has 190 MA's), (34, 11785), (46, 11836), (48, 11851), (70, 11971), (76, 11992), (94, 12067), (105, 12127), (125, 12211), (130, 12229), (151, 12313), (191, 12490), (194, 12532), (196, 12538),

Gene: Beezoo_13 Start: 7951, Stop: 8889, Start Num: 16

Candidate Starts for Beezoo_13:

(Start: 16 @7951 has 377 MA's), (31, 8041), (38, 8068), (50, 8125), (67, 8215), (70, 8227), (72, 8239), (95, 8326), (112, 8410), (120, 8440), (180, 8638), (187, 8677), (197, 8761), (198, 8764), (207, 8797), (212, 8821), (227, 8863),

Gene: Bella96_13 Start: 7861, Stop: 8796, Start Num: 16

Candidate Starts for Bella96_13:

(Start: 16 @7861 has 377 MA's), (31, 7951), (38, 7978), (67, 8125), (70, 8137), (72, 8149), (95, 8236), (120, 8350), (180, 8548), (187, 8587), (190, 8605), (197, 8671), (207, 8707), (212, 8731), (227, 8773),

Gene: Belladonna_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Belladonna_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Benjalauren_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Benjalauren_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Bethlehem_15 Start: 12869, Stop: 13870, Start Num: 4

Candidate Starts for Bethlehem_15:

(Start: 4 @12869 has 190 MA's), (34, 13013), (46, 13064), (48, 13079), (70, 13199), (76, 13220), (94, 13295), (105, 13355), (130, 13457), (151, 13541), (191, 13718), (194, 13760), (196, 13766),

Gene: Bexan_14 Start: 12284, Stop: 13303, Start Num: 4

Candidate Starts for Bexan_14:

(Start: 4 @12284 has 190 MA's), (46, 12479), (48, 12494), (70, 12614), (76, 12635), (94, 12710), (105, 12770), (151, 12956), (190, 13127), (191, 13133), (196, 13190), (203, 13226),

Gene: Big3_15 Start: 12226, Stop: 13224, Start Num: 4

Candidate Starts for Big3_15:

(Start: 4 @12226 has 190 MA's), (34, 12370), (46, 12421), (48, 12436), (70, 12556), (76, 12577), (94, 12652), (105, 12712), (125, 12796), (130, 12814), (151, 12898), (182, 13018), (191, 13075), (194, 13114), (196, 13120),

Gene: BigChungus_7 Start: 5120, Stop: 6079, Start Num: 3

Candidate Starts for BigChungus_7:

(Start: 3 @5120 has 32 MA's), (Start: 17 @5171 has 99 MA's), (42, 5300), (57, 5387), (66, 5429), (68, 5438), (87, 5483), (103, 5567), (126, 5663), (140, 5720), (154, 5774), (164, 5810), (209, 6023), (212, 6041),

Gene: BigMau_17 Start: 11807, Stop: 12808, Start Num: 4

Candidate Starts for BigMau_17:

(Start: 4 @11807 has 190 MA's), (48, 12017), (70, 12137), (76, 12158), (94, 12233), (105, 12293), (130, 12395), (151, 12479), (182, 12599), (191, 12656), (194, 12695), (196, 12701),

Gene: BigPaolini_16 Start: 12233, Stop: 13234, Start Num: 4

Candidate Starts for BigPaolini_16:

(Start: 4 @12233 has 190 MA's), (34, 12377), (46, 12428), (48, 12443), (70, 12563), (76, 12584), (94, 12659), (105, 12719), (130, 12821), (151, 12905), (182, 13025), (191, 13082), (194, 13121), (196, 13127), (216, 13211),

Gene: BigPhil_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for BigPhil_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (192, 5775), (197, 5805), (201, 5820), (207, 5841),

Gene: BigRedClifford_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for BigRedClifford_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Bigfoot_14 Start: 11332, Stop: 12336, Start Num: 4

Candidate Starts for Bigfoot_14:

(Start: 4 @11332 has 190 MA's), (34, 11476), (36, 11485), (46, 11527), (48, 11542), (70, 11662), (76, 11683), (94, 11758), (105, 11818), (130, 11920), (151, 12004), (156, 12034), (182, 12124), (190, 12175), (191, 12181), (196, 12229),

Gene: Biglebops_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for Biglebops_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: BillDoor_10 Start: 5376, Stop: 6332, Start Num: 3

Candidate Starts for BillDoor_10:

(Start: 3 @5376 has 32 MA's), (Start: 17 @5418 has 99 MA's), (56, 5631), (66, 5676), (68, 5685), (87, 5730), (110, 5841), (124, 5904), (154, 6021), (164, 6057), (165, 6060), (173, 6087), (201, 6243), (212, 6288), (213, 6291),

Gene: Bircsak_15 Start: 11793, Stop: 12812, Start Num: 4

Candidate Starts for Bircsak_15:

(Start: 4 @11793 has 190 MA's), (46, 11988), (48, 12003), (70, 12123), (76, 12144), (94, 12219), (105, 12279), (151, 12465), (190, 12636), (191, 12642), (196, 12699), (203, 12735),

Gene: Biskit_9 Start: 5369, Stop: 6331, Start Num: 3

Candidate Starts for Biskit_9:

(Start: 3 @5369 has 32 MA's), (6, 5384), (Start: 17 @5411 has 99 MA's), (41, 5537), (44, 5546), (56, 5624), (66, 5669), (68, 5678), (87, 5723), (94, 5759), (110, 5834), (154, 6014), (164, 6050), (165, 6053), (173, 6080), (201, 6236), (209, 6263), (212, 6281),

Gene: Blage_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Blage_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Blarby_8 Start: 5402, Stop: 6337, Start Num: 17

Candidate Starts for Blarby_8:

(Start: 17 @5402 has 99 MA's), (25, 5447), (26, 5456), (35, 5501), (43, 5537), (60, 5639), (82, 5714), (122, 5894), (140, 5960), (167, 6056), (176, 6089), (177, 6107), (181, 6131), (187, 6173), (204, 6272), (209, 6290), (213, 6311),

Gene: Blizzard_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Blizzard_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: BluSpix_15 Start: 11591, Stop: 12589, Start Num: 4

Candidate Starts for BluSpix_15:

(Start: 4 @11591 has 190 MA's), (34, 11735), (46, 11786), (48, 11801), (70, 11921), (76, 11942), (94, 12017), (105, 12077), (130, 12179), (151, 12263), (182, 12383), (191, 12440), (194, 12479), (196,

12485),

Gene: Blue_15 Start: 11698, Stop: 12699, Start Num: 4

Candidate Starts for Blue_15:

(Start: 4 @11698 has 190 MA's), (34, 11842), (46, 11893), (48, 11908), (70, 12028), (76, 12049), (94, 12124), (105, 12184), (130, 12286), (151, 12370), (182, 12490), (191, 12547), (194, 12586), (196, 12592), (207, 12643),

Gene: Bob3_14 Start: 11147, Stop: 12148, Start Num: 4

Candidate Starts for Bob3_14:

(Start: 4 @11147 has 190 MA's), (48, 11357), (70, 11477), (76, 11498), (94, 11573), (105, 11633), (116, 11684), (117, 11687), (125, 11717), (130, 11735), (151, 11819), (191, 11996), (194, 12035), (196, 12041),

Gene: Bobi_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Bobi_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Boiiii_13 Start: 7976, Stop: 8911, Start Num: 16

Candidate Starts for Boiiii_13:

(Start: 16 @7976 has 377 MA's), (31, 8066), (38, 8093), (67, 8240), (70, 8252), (72, 8264), (95, 8351), (112, 8435), (120, 8465), (180, 8663), (187, 8702), (197, 8786), (198, 8789), (207, 8822), (212, 8846), (227, 8888),

Gene: Boilgate_10 Start: 7916, Stop: 8845, Start Num: 16

Candidate Starts for Boilgate_10:

(Start: 16 @7916 has 377 MA's), (32, 8009), (37, 8027), (38, 8033), (44, 8060), (59, 8138), (72, 8204), (79, 8222), (81, 8228), (83, 8231), (105, 8348), (111, 8372), (120, 8405), (134, 8465), (135, 8468), (141, 8495), (151, 8528), (190, 8660), (197, 8726), (201, 8741), (207, 8762), (208, 8765), (212, 8786), (219, 8807),

Gene: Bones_15 Start: 11342, Stop: 12346, Start Num: 4

Candidate Starts for Bones_15:

(Start: 4 @11342 has 190 MA's), (34, 11486), (36, 11495), (46, 11537), (48, 11552), (70, 11672), (76, 11693), (94, 11768), (105, 11828), (130, 11930), (151, 12014), (156, 12044), (182, 12134), (190, 12185), (191, 12191), (196, 12239),

Gene: BonesMcCoy_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for BonesMcCoy_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Bonino_6 Start: 4707, Stop: 5633, Start Num: 15

Candidate Starts for Bonino_6:

(Start: 15 @4707 has 17 MA's), (38, 4824), (42, 4845), (50, 4881), (67, 4974), (69, 4980), (70, 4986), (89, 5046), (101, 5130), (133, 5244), (169, 5370), (185, 5436), (197, 5520), (205, 5547), (227, 5622),

Gene: Boomer_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Boomer_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820),

(207, 5841),

Gene: BoostSeason_9 Start: 5933, Stop: 6856, Start Num: 16

Candidate Starts for BoostSeason_9:

(Start: 16 @5933 has 377 MA's), (37, 6044), (38, 6050), (44, 6077), (59, 6155), (70, 6209), (79, 6239), (81, 6245), (105, 6365), (151, 6545), (182, 6626), (185, 6647), (187, 6659), (197, 6743), (207, 6779), (210, 6788), (224, 6833),

Gene: BouleyBill_6 Start: 4718, Stop: 5680, Start Num: 16

Candidate Starts for BouleyBill_6:

(Start: 16 @4718 has 377 MA's), (37, 4829), (38, 4835), (42, 4856), (50, 4892), (59, 4943), (94, 5093), (96, 5105), (127, 5240), (190, 5489), (197, 5543), (198, 5546), (205, 5570),

Gene: Bridgette_6 Start: 5591, Stop: 6574, Start Num: 5

Candidate Starts for Bridgette_6:

(Start: 5 @5591 has 7 MA's), (Start: 11 @5615 has 2 MA's), (26, 5693), (50, 5807), (79, 5927), (86, 5948), (94, 5993), (162, 6278), (166, 6290), (182, 6344), (197, 6464),

Gene: Briton15_17 Start: 11653, Stop: 12672, Start Num: 4

Candidate Starts for Briton15_17:

(Start: 4 @11653 has 190 MA's), (46, 11848), (48, 11863), (51, 11878), (63, 11950), (70, 11983), (76, 12004), (94, 12079), (105, 12139), (151, 12325), (190, 12496), (191, 12502), (196, 12559), (203, 12595),

Gene: BruceB_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for BruceB_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: BruceLethal_6 Start: 4634, Stop: 5581, Start Num: 14

Candidate Starts for BruceLethal_6:

(Start: 13 @4631 has 3 MA's), (Start: 14 @4634 has 40 MA's), (24, 4682), (30, 4721), (40, 4766), (44, 4778), (54, 4841), (61, 4880), (68, 4910), (77, 4940), (93, 4991), (104, 5054), (129, 5147), (146, 5207), (151, 5243), (163, 5288), (175, 5330), (195, 5453), (199, 5474), (204, 5492), (206, 5501), (214, 5534),

Gene: Bruns_14 Start: 11511, Stop: 12518, Start Num: 4

Candidate Starts for Bruns_14:

(Start: 4 @11511 has 190 MA's), (34, 11655), (36, 11664), (46, 11706), (48, 11721), (70, 11841), (76, 11862), (94, 11937), (105, 11997), (130, 12099), (151, 12183), (156, 12213), (190, 12354), (191, 12360), (196, 12408),

Gene: Bryler_12 Start: 6893, Stop: 7816, Start Num: 16

Candidate Starts for Bryler_12:

(Start: 16 @6893 has 377 MA's), (38, 7010), (44, 7037), (64, 7139), (67, 7157), (70, 7169), (72, 7181), (105, 7325), (182, 7586), (187, 7619), (190, 7637), (197, 7703), (198, 7706), (207, 7739), (223, 7790),

Gene: Budski_7 Start: 4901, Stop: 5842, Start Num: 17

Candidate Starts for Budski_7:

(Start: 17 @4901 has 99 MA's), (43, 5036), (56, 5117), (60, 5138), (82, 5213), (111, 5339), (161, 5540), (167, 5558), (176, 5591), (187, 5675), (213, 5813),

Gene: Burnsey_8 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for Burnsey_8:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Burton_16 Start: 11710, Stop: 12711, Start Num: 4

Candidate Starts for Burton_16:

(Start: 4 @11710 has 190 MA's), (48, 11920), (70, 12040), (76, 12061), (94, 12136), (105, 12196), (130, 12298), (151, 12382), (182, 12502), (191, 12559), (194, 12601), (196, 12607),

Gene: Bustleton_6 Start: 4719, Stop: 5669, Start Num: 16

Candidate Starts for Bustleton_6:

(Start: 16 @4719 has 377 MA's), (37, 4830), (38, 4836), (42, 4857), (54, 4926), (59, 4944), (94, 5094), (96, 5106), (126, 5238), (127, 5241), (190, 5490), (197, 5544), (198, 5547), (205, 5571),

Gene: Button_9 Start: 5455, Stop: 6384, Start Num: 8

Candidate Starts for Button_9:

(Start: 8 @5455 has 6 MA's), (24, 5521), (44, 5617), (49, 5644), (66, 5740), (68, 5749), (71, 5755), (87, 5794), (94, 5830), (103, 5878), (154, 6085), (164, 6121), (165, 6124), (201, 6307), (212, 6352),

Gene: Buttons_16 Start: 11781, Stop: 12800, Start Num: 4

Candidate Starts for Buttons_16:

(Start: 4 @11781 has 190 MA's), (46, 11976), (48, 11991), (63, 12078), (70, 12111), (76, 12132), (94, 12207), (105, 12267), (151, 12453), (190, 12624), (191, 12630), (196, 12687), (203, 12723),

Gene: Buttrmlkdreams_8 Start: 5370, Stop: 6326, Start Num: 3

Candidate Starts for Buttrmlkdreams_8:

(Start: 3 @5370 has 32 MA's), (6, 5385), (Start: 17 @5412 has 99 MA's), (41, 5538), (44, 5547), (56, 5625), (66, 5670), (68, 5679), (87, 5724), (94, 5760), (110, 5835), (154, 6015), (164, 6051), (165, 6054), (173, 6081), (201, 6237), (209, 6264), (212, 6282),

Gene: BuzzLyseyear_7 Start: 5006, Stop: 5914, Start Num: 16

Candidate Starts for BuzzLyseyear_7:

(Start: 16 @5006 has 377 MA's), (31, 5096), (32, 5099), (38, 5123), (50, 5180), (54, 5210), (72, 5294), (98, 5411), (131, 5543), (141, 5585), (183, 5702), (184, 5705), (190, 5750), (197, 5804), (201, 5819), (207, 5840),

Gene: Byron23_5 Start: 4711, Stop: 5637, Start Num: 16

Candidate Starts for Byron23_5:

(Start: 16 @4711 has 377 MA's), (38, 4828), (42, 4849), (50, 4885), (67, 4978), (69, 4984), (70, 4990), (89, 5050), (101, 5134), (133, 5248), (169, 5374), (185, 5440), (197, 5524), (205, 5551), (227, 5626),

Gene: CLED96_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for CLED96_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: CREW_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for CREW_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: CactusRose_14 Start: 11331, Stop: 12335, Start Num: 4

Candidate Starts for CactusRose_14:

(Start: 4 @11331 has 190 MA's), (34, 11475), (36, 11484), (46, 11526), (48, 11541), (70, 11661), (76, 11682), (94, 11757), (105, 11817), (130, 11919), (151, 12003), (156, 12033), (182, 12123), (190, 12174), (191, 12180), (196, 12228),

Gene: Cain_12 Start: 6881, Stop: 7804, Start Num: 16

Candidate Starts for Cain_12:

(Start: 16 @6881 has 377 MA's), (38, 6998), (44, 7025), (64, 7127), (67, 7145), (70, 7157), (72, 7169), (105, 7313), (182, 7574), (187, 7607), (190, 7625), (197, 7691), (198, 7694), (207, 7727), (223, 7778),

Gene: Calix_6 Start: 4707, Stop: 5633, Start Num: 15

Candidate Starts for Calix_6:

(Start: 15 @4707 has 17 MA's), (38, 4824), (42, 4845), (50, 4881), (67, 4974), (69, 4980), (70, 4986), (89, 5046), (101, 5130), (133, 5244), (169, 5370), (185, 5436), (197, 5520), (205, 5547), (227, 5622),

Gene: CallinAllBarbz_6 Start: 4658, Stop: 5569, Start Num: 11

Candidate Starts for CallinAllBarbz_6:

(Start: 11 @4658 has 2 MA's), (45, 4820), (55, 4886), (95, 5033), (136, 5201), (139, 5216), (154, 5276), (157, 5288), (209, 5525), (212, 5543), (218, 5561),

Gene: Cambiare_8 Start: 7717, Stop: 8619, Start Num: 17

Candidate Starts for Cambiare_8:

(Start: 17 @7717 has 99 MA's), (26, 7774), (27, 7777), (29, 7789), (31, 7804), (50, 7888), (56, 7936), (64, 7969), (77, 8020), (98, 8113), (106, 8137), (113, 8164), (121, 8191), (126, 8215), (167, 8371), (183, 8431),

Gene: Camri_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Camri_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Capricorn_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Capricorn_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: CaptainRex_8 Start: 5185, Stop: 6165, Start Num: 16

Candidate Starts for CaptainRex_8:

(Start: 16 @5185 has 377 MA's), (37, 5296), (38, 5302), (42, 5323), (50, 5359), (69, 5458), (81, 5500), (89, 5524), (110, 5641), (126, 5710), (127, 5713), (179, 5899), (183, 5914), (185, 5932), (197, 6016), (198, 6019), (232, 6160),

Gene: Carlyle_17 Start: 12178, Stop: 13182, Start Num: 4

Candidate Starts for Carlyle_17:

(Start: 4 @12178 has 190 MA's), (34, 12322), (46, 12373), (48, 12388), (70, 12508), (76, 12529), (94, 12604), (105, 12664), (130, 12766), (151, 12850), (182, 12970), (191, 13027), (194, 13066), (196, 13072), (203, 13108), (207, 13123),

Gene: Carostasia_6 Start: 5021, Stop: 5974, Start Num: 16

Candidate Starts for Carostasia_6:

(Start: 16 @5021 has 377 MA's), (38, 5138), (39, 5150), (42, 5159), (44, 5165), (50, 5195), (94, 5396), (101, 5444), (127, 5543), (170, 5702), (180, 5735), (183, 5744), (197, 5846), (198, 5849),

Gene: CaseJules_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for CaseJules_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Casey_6 Start: 5146, Stop: 6075, Start Num: 15

Candidate Starts for Casey_6:

(Start: 15 @5146 has 17 MA's), (38, 5263), (42, 5284), (44, 5290), (50, 5320), (66, 5401), (67, 5407), (69, 5413), (70, 5419), (89, 5479), (101, 5563), (127, 5650), (132, 5671), (133, 5677), (170, 5809), (190, 5899), (197, 5965), (205, 5992),

Gene: CassieYates_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for CassieYates_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Cedasite_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Cedasite_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Cerasum_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Cerasum_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (192, 5775), (197, 5805), (201, 5820), (207, 5841),

Gene: Chako_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Chako_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Chamuel_6 Start: 4709, Stop: 5635, Start Num: 15

Candidate Starts for Chamuel_6:

(Start: 15 @4709 has 17 MA's), (38, 4826), (42, 4847), (50, 4883), (67, 4976), (69, 4982), (70, 4988), (89, 5048), (101, 5132), (133, 5246), (169, 5372), (180, 5411), (185, 5438), (197, 5522), (205, 5549), (227, 5624),

Gene: Chanagan_14 Start: 11173, Stop: 12174, Start Num: 4

Candidate Starts for Chanagan_14:

(Start: 4 @11173 has 190 MA's), (34, 11317), (46, 11368), (48, 11383), (70, 11503), (76, 11524), (94, 11599), (105, 11659), (130, 11761), (151, 11845), (182, 11965), (191, 12022), (194, 12061), (196, 12067), (216, 12151),

Gene: Chance64_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Chance64_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Chancellor_14 Start: 9175, Stop: 10104, Start Num: 16

Candidate Starts for Chancellor_14:

(Start: 16 @9175 has 377 MA's), (31, 9265), (37, 9286), (38, 9292), (44, 9319), (54, 9379), (79, 9481), (81, 9487), (94, 9547), (105, 9607), (120, 9664), (135, 9727), (141, 9754), (178, 9847), (187, 9901), (190, 9919), (197, 9985), (212, 10045),

Gene: Che9d_7 Start: 4887, Stop: 5822, Start Num: 17

Candidate Starts for Che9d_7:

(Start: 17 @4887 has 99 MA's), (25, 4932), (26, 4941), (35, 4986), (43, 5022), (60, 5124), (82, 5199), (122, 5379), (140, 5445), (167, 5541), (176, 5574), (177, 5592), (181, 5616), (187, 5658), (204, 5757), (209, 5775), (213, 5796),

Gene: CheeseTouch_7 Start: 4901, Stop: 5842, Start Num: 17

Candidate Starts for CheeseTouch_7:

(Start: 17 @4901 has 99 MA's), (43, 5036), (56, 5117), (60, 5138), (82, 5213), (111, 5339), (161, 5540), (167, 5558), (176, 5591), (187, 5675), (213, 5813),

Gene: Cheeto1_7 Start: 4820, Stop: 5764, Start Num: 16

Candidate Starts for Cheeto1_7:

(Start: 16 @4820 has 377 MA's), (38, 4937), (42, 4958), (66, 5081), (70, 5099), (89, 5159), (101, 5243), (132, 5363), (186, 5564), (189, 5585), (197, 5645), (205, 5672),

Gene: CheetoDust_13 Start: 7951, Stop: 8886, Start Num: 16

Candidate Starts for CheetoDust_13:

(Start: 16 @7951 has 377 MA's), (31, 8041), (38, 8068), (67, 8215), (70, 8227), (72, 8239), (95, 8326), (112, 8410), (120, 8440), (180, 8638), (187, 8677), (190, 8695), (197, 8761), (198, 8764), (207, 8797), (212, 8821), (227, 8863),

Gene: Cheetobro_14 Start: 9175, Stop: 10104, Start Num: 16

Candidate Starts for Cheetobro_14:

(Start: 16 @9175 has 377 MA's), (31, 9265), (37, 9286), (38, 9292), (44, 9319), (54, 9379), (79, 9481), (81, 9487), (94, 9547), (105, 9607), (120, 9664), (135, 9727), (141, 9754), (178, 9847), (187, 9901), (190, 9919), (197, 9985), (212, 10045),

Gene: Chepli_8 Start: 5181, Stop: 6134, Start Num: 16

Candidate Starts for Chepli_8:

(Start: 16 @5181 has 377 MA's), (37, 5292), (38, 5298), (42, 5319), (44, 5325), (50, 5355), (89, 5520), (94, 5556), (109, 5634), (127, 5709), (181, 5904), (197, 6012), (198, 6015), (223, 6105),

Gene: Cherrybomb426_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Cherrybomb426_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: CherryonLim_9 Start: 5842, Stop: 6804, Start Num: 3

Candidate Starts for CherryonLim_9:

(Start: 3 @5842 has 32 MA's), (Start: 17 @5893 has 99 MA's), (24, 5932), (57, 6109), (66, 6151), (68, 6160), (87, 6205), (103, 6289), (126, 6385), (140, 6442), (154, 6496), (164, 6532), (209, 6745), (212, 6763),

Gene: ChickenDinner_7 Start: 5011, Stop: 5919, Start Num: 16

Candidate Starts for ChickenDinner_7:

(Start: 16 @5011 has 377 MA's), (31, 5101), (32, 5104), (38, 5128), (50, 5185), (54, 5215), (72, 5299), (94, 5383), (98, 5416), (131, 5548), (141, 5590), (183, 5707), (184, 5710), (190, 5755), (197, 5809), (201, 5824), (207, 5845),

Gene: ChickenKing_6 Start: 4646, Stop: 5590, Start Num: 16

Candidate Starts for ChickenKing_6:

(Start: 16 @4646 has 377 MA's), (38, 4763), (42, 4784), (44, 4790), (66, 4907), (70, 4925), (89, 4985), (101, 5069), (132, 5189), (186, 5390), (189, 5411), (197, 5471), (205, 5498), (230, 5579),

Gene: ChikPic_6 Start: 4889, Stop: 5836, Start Num: 16

Candidate Starts for ChikPic_6:

(Start: 16 @4889 has 377 MA's), (30, 4976), (38, 5006), (39, 5018), (42, 5027), (54, 5096), (89, 5228), (101, 5312), (127, 5411), (132, 5432), (186, 5633), (197, 5714),

Gene: Chris_12 Start: 6799, Stop: 7722, Start Num: 16

Candidate Starts for Chris_12:

(Start: 16 @6799 has 377 MA's), (37, 6910), (38, 6916), (44, 6943), (59, 7021), (67, 7063), (70, 7075), (72, 7087), (95, 7174), (98, 7204), (101, 7219), (109, 7249), (128, 7324), (144, 7387), (187, 7525), (195, 7594), (197, 7609), (198, 7612), (207, 7645), (210, 7654), (212, 7669),

Gene: Christoph_6 Start: 4720, Stop: 5646, Start Num: 16

Candidate Starts for Christoph_6:

(Start: 16 @4720 has 377 MA's), (38, 4837), (42, 4858), (50, 4894), (67, 4987), (69, 4993), (70, 4999), (89, 5059), (101, 5143), (133, 5257), (169, 5383), (185, 5449), (197, 5533), (205, 5560), (227, 5635),

Gene: ChuckDuck_6 Start: 5552, Stop: 6535, Start Num: 5

Candidate Starts for ChuckDuck_6:

(Start: 5 @5552 has 7 MA's), (Start: 11 @5576 has 2 MA's), (26, 5654), (50, 5768), (79, 5888), (86, 5909), (94, 5954), (162, 6239), (166, 6251), (182, 6305), (197, 6425),

Gene: Ciao_15 Start: 11560, Stop: 12570, Start Num: 4

Candidate Starts for Ciao_15:

(Start: 4 @11560 has 190 MA's), (34, 11704), (46, 11755), (48, 11770), (70, 11890), (76, 11911), (94, 11986), (105, 12046), (125, 12130), (130, 12148), (151, 12232), (190, 12403), (191, 12409), (196, 12463),

Gene: Clancy_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Clancy_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Cleo_8 Start: 5593, Stop: 6528, Start Num: 10

Candidate Starts for Cleo_8:

(Start: 10 @5593 has 8 MA's), (38, 5728), (58, 5839), (62, 5860), (66, 5878), (77, 5908), (94, 5968), (103, 6016), (110, 6043), (125, 6109), (126, 6112), (154, 6223), (164, 6259), (165, 6262), (170, 6277), (173, 6289), (188, 6358), (190, 6373), (200, 6442), (209, 6472),

Gene: Clock_8 Start: 5907, Stop: 6884, Start Num: 16

Candidate Starts for Clock_8:

(Start: 16 @5907 has 377 MA's), (27, 5970), (31, 5997), (37, 6018), (38, 6024), (42, 6045), (59, 6132), (89, 6246), (94, 6282), (110, 6363), (127, 6435), (135, 6468), (149, 6516), (179, 6621), (183, 6636), (185, 6654), (197, 6738), (198, 6741), (205, 6765),

Gene: Coco12_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Coco12_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: ColaCorta_6 Start: 4885, Stop: 5826, Start Num: 16

Candidate Starts for ColaCorta_6:

(Start: 16 @4885 has 377 MA's), (30, 4972), (38, 5002), (39, 5014), (42, 5023), (50, 5059), (89, 5224), (101, 5308), (127, 5407), (186, 5629), (197, 5710), (231, 5815),

Gene: Coleslaw_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Coleslaw_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Collard_11 Start: 8061, Stop: 8981, Start Num: 16

Candidate Starts for Collard_11:

(Start: 16 @8061 has 377 MA's), (38, 8178), (44, 8205), (54, 8265), (62, 8301), (64, 8307), (70, 8337), (81, 8373), (95, 8436), (98, 8466), (197, 8871), (198, 8874), (207, 8907), (212, 8931),

Gene: Conceptll_15 Start: 11811, Stop: 12818, Start Num: 4

Candidate Starts for Conceptll_15:

(Start: 4 @11811 has 190 MA's), (34, 11955), (46, 12006), (48, 12021), (70, 12141), (76, 12162), (94, 12237), (105, 12297), (116, 12348), (125, 12381), (130, 12399), (151, 12483), (190, 12654), (191, 12660), (193, 12693), (196, 12714), (207, 12765),

Gene: Constance_6 Start: 5596, Stop: 6579, Start Num: 5

Candidate Starts for Constance_6:

(Start: 5 @5596 has 7 MA's), (Start: 11 @5620 has 2 MA's), (26, 5698), (50, 5812), (79, 5932), (86, 5953), (94, 5998), (162, 6283), (166, 6295), (182, 6349), (197, 6469),

Gene: Convict_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Convict_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Cornucopia_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Cornucopia_7:

(Start: 16 @5007 has 377 MA's), (37, 5118), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (127, 5526), (131, 5544), (183, 5703), (184, 5706), (185, 5721), (190, 5751), (192, 5775), (197, 5805),

Gene: Corvo_15 Start: 11755, Stop: 12771, Start Num: 4

Candidate Starts for Corvo_15:

(Start: 4 @11755 has 190 MA's), (46, 11950), (48, 11965), (51, 11980), (63, 12052), (70, 12085), (76, 12106), (94, 12181), (105, 12241), (151, 12427), (190, 12598), (191, 12604), (196, 12661), (203, 12697),

Gene: Cota_6 Start: 4648, Stop: 5595, Start Num: 14

Candidate Starts for Cota_6:

(Start: 14 @4648 has 40 MA's), (24, 4696), (31, 4738), (44, 4792), (61, 4894), (68, 4924), (77, 4954), (129, 5161), (136, 5185), (146, 5221), (151, 5257), (156, 5284), (175, 5344), (183, 5374), (195, 5467), (199, 5488), (204, 5506), (214, 5548),

Gene: Cozz_8 Start: 5381, Stop: 6352, Start Num: 3

Candidate Starts for Cozz_8:

(Start: 3 @5381 has 32 MA's), (6, 5396), (Start: 17 @5432 has 99 MA's), (41, 5561), (87, 5747), (94, 5783), (111, 5861), (115, 5885), (154, 6038), (173, 6104), (201, 6260), (212, 6305),

Gene: Crespo_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for Crespo_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (50, 7275), (56, 7323), (64, 7356), (77, 7407), (98, 7500), (170, 7779), (178, 7818), (212, 8013),

Gene: CrimD_13 Start: 7903, Stop: 8838, Start Num: 16

Candidate Starts for CrimD_13:

(Start: 16 @7903 has 377 MA's), (31, 7993), (38, 8020), (67, 8167), (70, 8179), (72, 8191), (95, 8278), (120, 8392), (180, 8590), (187, 8629), (190, 8647), (197, 8713), (198, 8716), (207, 8749), (212, 8773), (227, 8815),

Gene: Crispicous1_14 Start: 11041, Stop: 12045, Start Num: 4

Candidate Starts for Crispicous1_14:

(Start: 4 @11041 has 190 MA's), (34, 11185), (46, 11236), (48, 11251), (70, 11371), (76, 11392), (94, 11467), (105, 11527), (116, 11578), (125, 11611), (130, 11629), (151, 11713), (191, 11890), (196, 11938), (216, 12022),

Gene: Cueyllyss_15 Start: 11751, Stop: 12755, Start Num: 4

Candidate Starts for Cueyllyss_15:

(Start: 4 @11751 has 190 MA's), (34, 11895), (36, 11904), (46, 11946), (48, 11961), (70, 12081), (76, 12102), (94, 12177), (105, 12237), (130, 12339), (151, 12423), (156, 12453), (182, 12543), (190, 12594), (191, 12600), (196, 12648),

Gene: Curiosium_14 Start: 7298, Stop: 8221, Start Num: 16

Candidate Starts for Curiosium_14:

(Start: 16 @7298 has 377 MA's), (31, 7388), (38, 7415), (67, 7562), (70, 7574), (72, 7586), (95, 7673), (109, 7748), (120, 7787), (180, 7985), (187, 8024), (197, 8108), (198, 8111), (207, 8144), (212, 8168),

Gene: DD5_16 Start: 12290, Stop: 13288, Start Num: 4

Candidate Starts for DD5_16:

(Start: 4 @12290 has 190 MA's), (34, 12434), (46, 12485), (48, 12500), (70, 12620), (76, 12641), (94, 12716), (105, 12776), (130, 12878), (151, 12962), (182, 13082), (191, 13139), (194, 13178), (196, 13184),

Gene: DMoney_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for DMoney_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: DNAIII_007 Start: 7112, Stop: 8047, Start Num: 17

Candidate Starts for DNAIII_007:

(Start: 17 @7112 has 99 MA's), (26, 7169), (27, 7172), (29, 7184), (50, 7283), (56, 7331), (64, 7364), (77, 7415), (98, 7508), (170, 7787), (178, 7826), (212, 8021),

Gene: DS6A_11 Start: 8184, Stop: 9230, Start Num: 16

Candidate Starts for DS6A_11:

(Start: 16 @8184 has 377 MA's), (20, 8208), (32, 8277), (38, 8301), (44, 8328), (45, 8331), (69, 8475), (72, 8493), (87, 8535), (94, 8577), (108, 8652), (122, 8706), (134, 8748), (138, 8766), (151, 8811), (168, 8880), (171, 8892), (177, 8922), (184, 8955), (185, 8970), (187, 8982), (197, 9054), (215, 9123),

(221, 9141), (226, 9150),

Gene: DaWorst_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for DaWorst_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Dadosky_11 Start: 7994, Stop: 8926, Start Num: 16

Candidate Starts for Dadosky_11:

(Start: 16 @7994 has 377 MA's), (38, 8111), (44, 8138), (54, 8198), (62, 8234), (64, 8240), (70, 8270), (81, 8306), (95, 8369), (98, 8399), (197, 8804), (198, 8807), (212, 8864),

Gene: Dalmuri_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Dalmuri_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Darionha_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Darionha_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: DARTH_P_12 Start: 7821, Stop: 8753, Start Num: 16

Candidate Starts for DARTH_P_12:

(Start: 16 @7821 has 377 MA's), (31, 7911), (38, 7938), (44, 7965), (70, 8097), (88, 8154), (101, 8241), (109, 8271), (120, 8310), (144, 8409), (185, 8535), (187, 8547), (190, 8565), (197, 8631), (198, 8634), (212, 8691),

Gene: Dave_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Dave_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Deby_13 Start: 7902, Stop: 8840, Start Num: 16

Candidate Starts for Deby_13:

(Start: 16 @7902 has 377 MA's), (31, 7992), (38, 8019), (67, 8166), (70, 8178), (72, 8190), (95, 8277), (112, 8361), (120, 8391), (180, 8589), (187, 8628), (197, 8712), (198, 8715), (207, 8748), (212, 8772), (227, 8814),

Gene: Delphidian_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Delphidian_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Demsculpinboyz_7 Start: 4878, Stop: 5813, Start Num: 17

Candidate Starts for Demsculpinboyz_7:

(Start: 17 @4878 has 99 MA's), (25, 4923), (26, 4932), (35, 4977), (43, 5013), (60, 5115), (82, 5190), (122, 5370), (140, 5436), (167, 5532), (176, 5565), (177, 5583), (181, 5607), (187, 5649), (204, 5748), (209, 5766), (213, 5787),

Gene: Den3_6 Start: 4712, Stop: 5638, Start Num: 16

Candidate Starts for Den3_6:

(Start: 16 @4712 has 377 MA's), (38, 4829), (42, 4850), (50, 4886), (67, 4979), (69, 4985), (70, 4991), (89, 5051), (101, 5135), (133, 5249), (169, 5375), (185, 5441), (197, 5525), (205, 5552), (227, 5627),

Gene: Devera_13 Start: 7928, Stop: 8863, Start Num: 16

Candidate Starts for Devera_13:

(Start: 16 @7928 has 377 MA's), (31, 8018), (38, 8045), (67, 8192), (70, 8204), (72, 8216), (95, 8303), (120, 8417), (180, 8615), (187, 8654), (190, 8672), (197, 8738), (198, 8741), (207, 8774), (208, 8777), (212, 8798), (227, 8840),

Gene: Dexes_16 Start: 12255, Stop: 13259, Start Num: 4

Candidate Starts for Dexes_16:

(Start: 4 @12255 has 190 MA's), (48, 12465), (70, 12585), (76, 12606), (94, 12681), (105, 12741), (116, 12792), (125, 12825), (130, 12843), (151, 12927), (191, 13104), (194, 13143), (196, 13149),

Gene: DirtMcgirt_7 Start: 5009, Stop: 5917, Start Num: 16

Candidate Starts for DirtMcgirt_7:

(Start: 16 @5009 has 377 MA's), (31, 5099), (32, 5102), (38, 5126), (50, 5183), (54, 5213), (72, 5297), (98, 5414), (131, 5546), (141, 5588), (183, 5705), (184, 5708), (190, 5753), (197, 5807), (201, 5822), (207, 5843),

Gene: DismalFunk_9 Start: 5947, Stop: 6864, Start Num: 16

Candidate Starts for DismalFunk_9:

(Start: 16 @5947 has 377 MA's), (37, 6058), (38, 6064), (44, 6091), (70, 6223), (79, 6253), (81, 6259), (105, 6379), (151, 6559), (185, 6661), (197, 6757), (207, 6793), (210, 6802), (224, 6847),

Gene: DismalStressor_9 Start: 5947, Stop: 6864, Start Num: 16

Candidate Starts for DismalStressor_9:

(Start: 16 @5947 has 377 MA's), (37, 6058), (38, 6064), (44, 6091), (70, 6223), (79, 6253), (81, 6259), (105, 6379), (151, 6559), (185, 6661), (197, 6757), (207, 6793), (210, 6802), (224, 6847),

Gene: DocMcStuffins_7 Start: 5011, Stop: 5919, Start Num: 16

Candidate Starts for DocMcStuffins_7:

(Start: 16 @5011 has 377 MA's), (31, 5101), (32, 5104), (38, 5128), (50, 5185), (54, 5215), (72, 5299), (94, 5383), (98, 5416), (131, 5548), (141, 5590), (183, 5707), (184, 5710), (190, 5755), (197, 5809), (201, 5824), (207, 5845),

Gene: Dole_13 Start: 7930, Stop: 8865, Start Num: 16

Candidate Starts for Dole_13:

(Start: 16 @7930 has 377 MA's), (31, 8020), (38, 8047), (67, 8194), (70, 8206), (72, 8218), (95, 8305), (120, 8419), (180, 8617), (187, 8656), (190, 8674), (197, 8740), (198, 8743), (207, 8776), (208, 8779), (212, 8800), (227, 8842),

Gene: Doom_15 Start: 11833, Stop: 12852, Start Num: 4

Candidate Starts for Doom_15:

(Start: 4 @11833 has 190 MA's), (46, 12028), (48, 12043), (51, 12058), (63, 12130), (70, 12163), (76, 12184), (94, 12259), (105, 12319), (151, 12505), (190, 12676), (191, 12682), (196, 12739), (203, 12775),

Gene: DosHalletts_8 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for DosHalletts_8:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Dothraki_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Dothraki_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: DrFeelGood_14 Start: 11358, Stop: 12377, Start Num: 4

Candidate Starts for DrFeelGood_14:

(Start: 4 @11358 has 190 MA's), (46, 11553), (48, 11568), (51, 11583), (63, 11655), (70, 11688), (76, 11709), (94, 11784), (105, 11844), (151, 12030), (190, 12201), (191, 12207), (196, 12264), (203, 12300),

Gene: DrHayes_13 Start: 7882, Stop: 8817, Start Num: 16

Candidate Starts for DrHayes_13:

(Start: 16 @7882 has 377 MA's), (31, 7972), (38, 7999), (67, 8146), (70, 8158), (72, 8170), (95, 8257), (120, 8371), (180, 8569), (187, 8608), (190, 8626), (197, 8692), (207, 8728), (212, 8752), (227, 8794),

Gene: DrParker_6 Start: 4638, Stop: 5606, Start Num: 14

Candidate Starts for DrParker_6:

(Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (40, 4770), (44, 4782), (61, 4884), (68, 4914), (77, 4944), (93, 4995), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (179, 5352), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: Drago_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Drago_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Dre3_8 Start: 5540, Stop: 6475, Start Num: 10

Candidate Starts for Dre3_8:

(Start: 10 @5540 has 8 MA's), (38, 5675), (58, 5786), (62, 5807), (66, 5825), (77, 5855), (94, 5915), (103, 5963), (110, 5990), (125, 6056), (126, 6059), (154, 6170), (164, 6206), (165, 6209), (170, 6224), (173, 6236), (188, 6305), (190, 6320), (200, 6389), (209, 6419),

Gene: DreamCatcher_18 Start: 12787, Stop: 13803, Start Num: 4

Candidate Starts for DreamCatcher_18:

(Start: 4 @12787 has 190 MA's), (46, 12982), (48, 12997), (51, 13012), (63, 13084), (70, 13117), (76, 13138), (94, 13213), (105, 13273), (151, 13459), (190, 13630), (191, 13636), (196, 13693), (203, 13729), (207, 13744),

Gene: Dreamboat_16 Start: 11485, Stop: 12495, Start Num: 4

Candidate Starts for Dreamboat_16:

(Start: 4 @11485 has 190 MA's), (34, 11629), (46, 11680), (48, 11695), (70, 11815), (76, 11836), (94, 11911), (105, 11971), (116, 12022), (125, 12055), (130, 12073), (151, 12157), (190, 12328), (191, 12334), (196, 12388),

Gene: Dulcie_14 Start: 11232, Stop: 12230, Start Num: 4

Candidate Starts for Dulcie_14:

(Start: 4 @11232 has 190 MA's), (34, 11376), (46, 11427), (48, 11442), (70, 11562), (76, 11583), (94, 11658), (105, 11718), (130, 11820), (151, 11904), (182, 12024), (191, 12081), (194, 12120), (196, 12126),

Gene: Duocatuli_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Duocatuli_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Durfee_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Durfee_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Dussy_16 Start: 11593, Stop: 12609, Start Num: 4

Candidate Starts for Dussy_16:

(Start: 4 @11593 has 190 MA's), (46, 11788), (48, 11803), (51, 11818), (63, 11890), (70, 11923), (76, 11944), (94, 12019), (105, 12079), (151, 12265), (190, 12436), (191, 12442), (196, 12499), (203, 12535),

Gene: Dynamix_16 Start: 11642, Stop: 12640, Start Num: 4

Candidate Starts for Dynamix_16:

(Start: 4 @11642 has 190 MA's), (34, 11786), (46, 11837), (48, 11852), (70, 11972), (76, 11993), (94, 12068), (105, 12128), (125, 12212), (130, 12230), (151, 12314), (182, 12434), (191, 12491), (194, 12530), (196, 12536),

Gene: ECartman_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for ECartman_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Ecliptus_7 Start: 4921, Stop: 5862, Start Num: 17

Candidate Starts for Ecliptus_7:

(Start: 17 @4921 has 99 MA's), (43, 5056), (56, 5137), (60, 5158), (82, 5233), (111, 5359), (161, 5560), (167, 5578), (176, 5611), (187, 5695), (213, 5833),

Gene: Edtherson_16 Start: 12091, Stop: 13107, Start Num: 4

Candidate Starts for Edtherson_16:

(Start: 4 @12091 has 190 MA's), (46, 12286), (48, 12301), (70, 12421), (76, 12442), (94, 12517), (105, 12577), (151, 12763), (190, 12934), (191, 12940), (196, 12997), (203, 13033),

Gene: Edugator_10 Start: 7994, Stop: 8926, Start Num: 16

Candidate Starts for Edugator_10:

(Start: 16 @7994 has 377 MA's), (38, 8111), (44, 8138), (54, 8198), (62, 8234), (64, 8240), (70, 8270), (81, 8306), (95, 8369), (98, 8399), (197, 8804), (198, 8807), (212, 8864),

Gene: Efra2_13 Start: 6872, Stop: 7801, Start Num: 16

Candidate Starts for Efra2_13:

(Start: 16 @6872 has 377 MA's), (31, 6962), (38, 6989), (67, 7136), (70, 7148), (72, 7160), (95, 7247), (120, 7361), (180, 7559), (187, 7598), (197, 7682), (198, 7685), (207, 7718), (212, 7742), (223, 7769), (227, 7784),

Gene: Eileen_6 Start: 5556, Stop: 6539, Start Num: 5

Candidate Starts for Eileen_6:

(Start: 5 @5556 has 7 MA's), (Start: 11 @5580 has 2 MA's), (26, 5658), (50, 5772), (70, 5862), (79, 5892), (86, 5913), (94, 5958), (162, 6243), (166, 6255), (182, 6309), (197, 6429),

Gene: Ekdilam_10 Start: 7548, Stop: 8483, Start Num: 16

Candidate Starts for Ekdilam_10:

(Start: 16 @7548 has 377 MA's), (31, 7638), (38, 7665), (44, 7692), (70, 7824), (81, 7860), (101, 7968), (109, 7998), (120, 8037), (144, 8136), (185, 8262), (187, 8274), (190, 8292), (197, 8358), (198, 8361), (207, 8394), (212, 8418),

Gene: Eleri_6 Start: 4886, Stop: 5833, Start Num: 16

Candidate Starts for Eleri_6:

(Start: 16 @4886 has 377 MA's), (30, 4973), (38, 5003), (39, 5015), (42, 5024), (50, 5060), (89, 5225), (101, 5309), (127, 5408), (186, 5630), (197, 5711),

Gene: Elinal_9 Start: 5097, Stop: 6056, Start Num: 3

Candidate Starts for Elinal_9:

(Start: 3 @5097 has 32 MA's), (Start: 17 @5148 has 99 MA's), (42, 5277), (57, 5364), (66, 5406), (68, 5415), (87, 5460), (103, 5544), (126, 5640), (140, 5697), (154, 5751), (164, 5787), (209, 6000), (212, 6018), (227, 6048),

Gene: Elliott_8 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for Elliott_8:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (111, 5860), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Ellie_10 Start: 7643, Stop: 8566, Start Num: 16

Candidate Starts for Ellie_10:

(Start: 16 @7643 has 377 MA's), (31, 7733), (38, 7760), (44, 7787), (54, 7847), (70, 7919), (72, 7931), (88, 7976), (98, 8048), (114, 8111), (144, 8231), (185, 8357), (187, 8369), (190, 8387), (197, 8453), (198, 8456), (207, 8489), (212, 8513),

Gene: Emalyn_7 Start: 5103, Stop: 6074, Start Num: 3

Candidate Starts for Emalyn_7:

(Start: 3 @5103 has 32 MA's), (Start: 17 @5154 has 99 MA's), (56, 5367), (66, 5412), (68, 5421), (87, 5466), (110, 5577), (115, 5604), (154, 5757), (164, 5793), (165, 5796), (173, 5823), (201, 5979), (212, 6024), (213, 6027),

Gene: Emerson_13 Start: 7934, Stop: 8869, Start Num: 16

Candidate Starts for Emerson_13:

(Start: 16 @7934 has 377 MA's), (31, 8024), (38, 8051), (67, 8198), (70, 8210), (72, 8222), (95, 8309), (112, 8393), (120, 8423), (180, 8621), (187, 8660), (197, 8744), (198, 8747), (207, 8780), (212, 8804), (227, 8846),

Gene: Enby_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Enby_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Endor_7 Start: 5123, Stop: 6103, Start Num: 16

Candidate Starts for Endor_7:

(1, 4958), (Start: 16 @5123 has 377 MA's), (38, 5240), (54, 5330), (59, 5348), (66, 5384), (70, 5402), (92, 5483), (101, 5546), (127, 5651), (132, 5672), (133, 5678), (189, 5894), (197, 5954), (205, 5981),

Gene: Enkosi_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for Enkosi_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: Enochoraptor_6 Start: 4655, Stop: 5602, Start Num: 14

Candidate Starts for Enochoraptor_6:

(Start: 14 @4655 has 40 MA's), (24, 4703), (26, 4715), (30, 4742), (44, 4799), (54, 4862), (65, 4916), (68, 4931), (75, 4955), (77, 4961), (104, 5075), (129, 5168), (136, 5192), (146, 5228), (151, 5264), (156, 5291), (163, 5309), (175, 5351), (179, 5369), (199, 5495), (204, 5513), (206, 5522), (214, 5555),

Gene: Enoki_6 Start: 4636, Stop: 5583, Start Num: 14

Candidate Starts for Enoki_6:

(Start: 13 @4633 has 3 MA's), (Start: 14 @4636 has 40 MA's), (24, 4684), (31, 4726), (40, 4768), (44, 4780), (61, 4882), (68, 4912), (77, 4942), (93, 4993), (129, 5149), (136, 5173), (146, 5209), (151, 5245), (156, 5272), (175, 5332), (199, 5476), (204, 5494), (206, 5503), (214, 5536),

Gene: Eponine_14 Start: 9051, Stop: 9980, Start Num: 16

Candidate Starts for Eponine_14:

(Start: 16 @9051 has 377 MA's), (31, 9141), (37, 9162), (38, 9168), (44, 9195), (54, 9255), (70, 9327), (79, 9357), (81, 9363), (120, 9540), (135, 9603), (141, 9630), (151, 9663), (178, 9723), (187, 9777), (197, 9861), (207, 9897), (212, 9921),

Gene: Erla_6 Start: 4707, Stop: 5633, Start Num: 15

Candidate Starts for Erla_6:

(Start: 15 @4707 has 17 MA's), (38, 4824), (42, 4845), (50, 4881), (67, 4974), (69, 4980), (70, 4986), (89, 5046), (101, 5130), (133, 5244), (169, 5370), (185, 5436), (197, 5520), (205, 5547), (227, 5622),

Gene: Espinosa_6 Start: 4720, Stop: 5646, Start Num: 16

Candidate Starts for Espinosa_6:

(Start: 16 @4720 has 377 MA's), (38, 4837), (42, 4858), (50, 4894), (67, 4987), (69, 4993), (70, 4999), (89, 5059), (101, 5143), (133, 5257), (169, 5383), (185, 5449), (197, 5533), (205, 5560), (227, 5635),

Gene: Espresso_15 Start: 11685, Stop: 12692, Start Num: 4

Candidate Starts for Espresso_15:

(Start: 4 @11685 has 190 MA's), (34, 11829), (46, 11880), (48, 11895), (70, 12015), (76, 12036), (94, 12111), (105, 12171), (116, 12222), (125, 12255), (130, 12273), (151, 12357), (190, 12528), (191, 12534), (196, 12588),

Gene: Etna_6 Start: 4705, Stop: 5697, Start Num: 16

Candidate Starts for Etna_6:

(Start: 16 @4705 has 377 MA's), (38, 4822), (50, 4879), (66, 4966), (92, 5065), (127, 5233), (132, 5254), (133, 5260), (181, 5428), (185, 5452), (189, 5476), (197, 5548), (198, 5551),

Gene: Etta_6 Start: 4711, Stop: 5637, Start Num: 15

Candidate Starts for Etta_6:

(Start: 15 @4711 has 17 MA's), (38, 4828), (42, 4849), (50, 4885), (67, 4978), (69, 4984), (70, 4990), (89, 5050), (101, 5134), (133, 5248), (169, 5374), (180, 5413), (185, 5440), (197, 5524), (205, 5551), (227, 5626),

Gene: Euphoria_15 Start: 11582, Stop: 12589, Start Num: 4

Candidate Starts for Euphoria_15:

(Start: 4 @11582 has 190 MA's), (34, 11726), (36, 11735), (46, 11777), (48, 11792), (70, 11912), (76, 11933), (94, 12008), (105, 12068), (130, 12170), (151, 12254), (156, 12284), (190, 12425), (191, 12431), (196, 12479),

Gene: Eyeball_15 Start: 11329, Stop: 12330, Start Num: 4

Candidate Starts for Eyeball_15:

(Start: 4 @11329 has 190 MA's), (34, 11473), (46, 11524), (48, 11539), (70, 11659), (76, 11680), (94, 11755), (105, 11815), (125, 11899), (130, 11917), (151, 12001), (182, 12121), (191, 12178), (194, 12217), (196, 12223),

Gene: FF47_09 Start: 6426, Stop: 7418, Start Num: 12

Candidate Starts for FF47_09:

(Start: 12 @6426 has 4 MA's), (26, 6501), (37, 6552), (38, 6558), (50, 6615), (63, 6672), (69, 6699), (93, 6789), (120, 6912), (132, 6954), (143, 6996), (174, 7116), (186, 7167), (196, 7254), (211, 7317),

Gene: Fajezeel_17 Start: 11905, Stop: 12903, Start Num: 4

Candidate Starts for Fajezeel_17:

(Start: 4 @11905 has 190 MA's), (34, 12049), (46, 12100), (48, 12115), (70, 12235), (76, 12256), (94, 12331), (105, 12391), (130, 12493), (151, 12577), (182, 12697), (191, 12754), (194, 12793), (196, 12799),

Gene: Farewell_6 Start: 5364, Stop: 6332, Start Num: 15

Candidate Starts for Farewell_6:

(Start: 15 @5364 has 17 MA's), (20, 5388), (31, 5454), (38, 5481), (45, 5511), (54, 5568), (64, 5610), (69, 5634), (70, 5640), (72, 5652), (94, 5736), (105, 5796), (137, 5919), (160, 6015), (177, 6081), (183, 6111), (190, 6159), (192, 6183), (197, 6213), (198, 6216), (207, 6249),

Gene: FarmerDoug_6 Start: 4708, Stop: 5688, Start Num: 16

Candidate Starts for FarmerDoug_6:

(1, 4543), (Start: 16 @4708 has 377 MA's), (38, 4825), (54, 4915), (59, 4933), (66, 4969), (70, 4987), (92, 5068), (101, 5131), (127, 5236), (132, 5257), (133, 5263), (189, 5479), (197, 5539), (205, 5566),

Gene: Fascinus_14 Start: 11332, Stop: 12333, Start Num: 4

Candidate Starts for Fascinus_14:

(Start: 4 @11332 has 190 MA's), (48, 11542), (70, 11662), (76, 11683), (94, 11758), (105, 11818), (125, 11902), (130, 11920), (151, 12004), (191, 12181), (194, 12220), (196, 12226),

Gene: Feastonyeet_7 Start: 5120, Stop: 6079, Start Num: 3

Candidate Starts for Feastonyeet_7:

(Start: 3 @5120 has 32 MA's), (Start: 17 @5171 has 99 MA's), (42, 5300), (57, 5387), (66, 5429), (68, 5438), (87, 5483), (103, 5567), (126, 5663), (140, 5720), (154, 5774), (164, 5810), (209, 6023), (212, 6041),

Gene: Fefferhead_12 Start: 7810, Stop: 8733, Start Num: 16

Candidate Starts for Fefferhead_12:

(Start: 16 @7810 has 377 MA's), (31, 7900), (38, 7927), (44, 7954), (54, 8014), (70, 8086), (72, 8098), (98, 8215), (114, 8278), (144, 8398), (185, 8524), (187, 8536), (190, 8554), (197, 8620), (198, 8623), (207, 8656), (212, 8680),

Gene: Fenn_16 Start: 12897, Stop: 13913, Start Num: 4

Candidate Starts for Fenn_16:

(Start: 4 @12897 has 190 MA's), (46, 13092), (48, 13107), (51, 13122), (63, 13194), (70, 13227), (76, 13248), (94, 13323), (105, 13383), (151, 13569), (190, 13740), (191, 13746), (196, 13803),

Gene: Feyre_11 Start: 7873, Stop: 8805, Start Num: 16

Candidate Starts for Feyre_11:

(Start: 16 @7873 has 377 MA's), (38, 7990), (44, 8017), (54, 8077), (62, 8113), (64, 8119), (81, 8185), (95, 8248), (98, 8278), (135, 8425), (197, 8683), (198, 8686), (207, 8719), (212, 8743),

Gene: Figueroism_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Figueroism_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Findley_9 Start: 5947, Stop: 6864, Start Num: 16

Candidate Starts for Findley_9:

(Start: 16 @5947 has 377 MA's), (37, 6058), (38, 6064), (44, 6091), (59, 6169), (70, 6223), (79, 6253), (81, 6259), (105, 6379), (151, 6559), (185, 6661), (197, 6757), (207, 6793), (210, 6802), (224, 6847),

Gene: Finny_6 Start: 4886, Stop: 5827, Start Num: 16

Candidate Starts for Finny_6:

(Start: 16 @4886 has 377 MA's), (30, 4973), (38, 5003), (39, 5015), (42, 5024), (54, 5093), (89, 5225), (101, 5309), (127, 5408), (186, 5630), (197, 5711), (231, 5816),

Gene: Fionnbharth_14 Start: 9165, Stop: 10094, Start Num: 16

Candidate Starts for Fionnbharth_14:

(Start: 16 @9165 has 377 MA's), (31, 9255), (37, 9276), (38, 9282), (44, 9309), (54, 9369), (79, 9471), (81, 9477), (94, 9537), (105, 9597), (120, 9654), (135, 9717), (141, 9744), (178, 9837), (187, 9891), (190, 9909), (197, 9975), (212, 10035),

Gene: FlagStaff_7 Start: 7210, Stop: 8112, Start Num: 17

Candidate Starts for FlagStaff_7:

(Start: 17 @7210 has 99 MA's), (26, 7267), (27, 7270), (29, 7282), (31, 7297), (50, 7381), (56, 7429), (64, 7462), (98, 7606), (113, 7657), (121, 7684), (126, 7708), (155, 7828), (167, 7864), (183, 7924), (209, 8071),

Gene: Flathead_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Flathead_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (37, 5118), (38, 5124), (47, 5163), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (183, 5703), (184, 5706), (185, 5721), (190, 5751), (197, 5805), (207, 5841),

Gene: Forsytheast_14 Start: 11595, Stop: 12593, Start Num: 4

Candidate Starts for Forsytheast_14:

(Start: 4 @11595 has 190 MA's), (34, 11739), (46, 11790), (48, 11805), (70, 11925), (76, 11946), (94, 12021), (105, 12081), (130, 12183), (151, 12267), (182, 12387), (191, 12444), (194, 12483), (196, 12489),

Gene: Francis47_15 Start: 11834, Stop: 12853, Start Num: 4

Candidate Starts for Francis47_15:

(Start: 4 @11834 has 190 MA's), (46, 12029), (48, 12044), (70, 12164), (76, 12185), (94, 12260), (105, 12320), (151, 12506), (190, 12677), (191, 12683), (196, 12740), (203, 12776),

Gene: Frankie_7 Start: 5201, Stop: 6109, Start Num: 16

Candidate Starts for Frankie_7:

(Start: 16 @5201 has 377 MA's), (31, 5291), (32, 5294), (38, 5318), (50, 5375), (54, 5405), (72, 5489), (98, 5606), (131, 5738), (141, 5780), (183, 5897), (184, 5900), (185, 5915), (190, 5945), (192, 5969), (197, 5999),

Gene: Fribs8_9 Start: 6098, Stop: 7033, Start Num: 10

Candidate Starts for Fribs8_9:

(Start: 10 @6098 has 8 MA's), (31, 6206), (38, 6233), (62, 6365), (66, 6383), (82, 6425), (87, 6437), (94, 6473), (103, 6521), (110, 6548), (125, 6614), (126, 6617), (154, 6728), (157, 6740), (164, 6764), (165, 6767), (170, 6782), (173, 6794), (188, 6863), (200, 6947), (209, 6977),

Gene: Frickyeah_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Frickyeah_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: Froghopper_16 Start: 11274, Stop: 12281, Start Num: 4

Candidate Starts for Froghopper_16:

(Start: 4 @11274 has 190 MA's), (34, 11418), (46, 11469), (48, 11484), (70, 11604), (76, 11625), (94, 11700), (105, 11760), (125, 11844), (130, 11862), (151, 11946), (191, 12123), (194, 12162), (196, 12168),

Gene: Frosty24_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Frosty24_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Fryberger_39 Start: 14324, Stop: 15298, Start Num: 16

Candidate Starts for Fryberger_39:

(Start: 16 @14324 has 377 MA's), (28, 14396), (31, 14414), (38, 14441), (88, 14657), (109, 14774), (126, 14843), (153, 14951), (159, 14978), (165, 14999), (177, 15047), (184, 15080), (187, 15107), (197, 15179), (198, 15182), (208, 15218),

Gene: Fulton_8 Start: 5173, Stop: 6153, Start Num: 16

Candidate Starts for Fulton_8:

(Start: 16 @5173 has 377 MA's), (37, 5284), (38, 5290), (42, 5311), (59, 5398), (69, 5446), (81, 5488), (89, 5512), (110, 5629), (126, 5698), (127, 5701), (179, 5887), (183, 5902), (185, 5920), (197, 6004), (198, 6007), (232, 6148),

Gene: Fushigi_16 Start: 11997, Stop: 13010, Start Num: 4

Candidate Starts for Fushigi_16:

(Start: 4 @11997 has 190 MA's), (34, 12141), (46, 12192), (48, 12207), (70, 12327), (76, 12348), (94, 12423), (105, 12483), (116, 12534), (125, 12567), (130, 12585), (151, 12669), (190, 12840), (191, 12846), (196, 12903), (207, 12954),

Gene: GTE2_06 Start: 5063, Stop: 6028, Start Num: 3

Candidate Starts for GTE2_06:

(Start: 3 @5063 has 32 MA's), (Start: 17 @5114 has 99 MA's), (56, 5327), (66, 5372), (68, 5381), (87, 5426), (110, 5537), (154, 5717), (164, 5753), (165, 5756), (173, 5783), (201, 5939), (212, 5984), (213, 5987),

Gene: GaeCeo_7 Start: 4819, Stop: 5760, Start Num: 16

Candidate Starts for GaeCeo_7:

(Start: 16 @4819 has 377 MA's), (38, 4936), (42, 4957), (44, 4963), (66, 5080), (70, 5098), (89, 5158), (101, 5242), (132, 5362), (186, 5563), (189, 5584), (197, 5644), (205, 5671), (230, 5749),

Gene: GageAP_17 Start: 12323, Stop: 13327, Start Num: 4

Candidate Starts for GageAP_17:

(Start: 4 @12323 has 190 MA's), (34, 12467), (36, 12476), (46, 12518), (48, 12533), (70, 12653), (76, 12674), (94, 12749), (105, 12809), (130, 12911), (151, 12995), (182, 13115), (190, 13166), (191, 13172), (196, 13220),

Gene: Gandalf20_16 Start: 12389, Stop: 13387, Start Num: 4

Candidate Starts for Gandalf20_16:

(Start: 4 @12389 has 190 MA's), (34, 12533), (46, 12584), (48, 12599), (70, 12719), (76, 12740), (94, 12815), (105, 12875), (130, 12977), (151, 13061), (182, 13181), (191, 13238), (194, 13277), (196, 13283),

Gene: Ganymede_13 Start: 7951, Stop: 8886, Start Num: 16

Candidate Starts for Ganymede_13:

(Start: 16 @7951 has 377 MA's), (31, 8041), (38, 8068), (67, 8215), (70, 8227), (72, 8239), (95, 8326), (112, 8410), (120, 8440), (180, 8638), (187, 8677), (197, 8761), (198, 8764), (207, 8797), (212, 8821), (227, 8863),

Gene: GardenB_6 Start: 4714, Stop: 5703, Start Num: 16

Candidate Starts for GardenB_6:

(Start: 16 @4714 has 377 MA's), (38, 4831), (54, 4921), (66, 4975), (92, 5074), (101, 5137), (127, 5242), (132, 5263), (181, 5437), (183, 5443), (186, 5464), (197, 5557), (205, 5584),

Gene: Garey24_6 Start: 4713, Stop: 5639, Start Num: 15

Candidate Starts for Garey24_6:

(Start: 15 @4713 has 17 MA's), (38, 4830), (42, 4851), (50, 4887), (67, 4980), (69, 4986), (70, 4992), (89, 5052), (101, 5136), (133, 5250), (169, 5376), (185, 5442), (197, 5526), (205, 5553), (227, 5628),

Gene: Gargoyle_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Gargoyle_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Gelo_6 Start: 4711, Stop: 5637, Start Num: 15

Candidate Starts for Gelo_6:

(Start: 15 @4711 has 17 MA's), (38, 4828), (42, 4849), (50, 4885), (67, 4978), (69, 4984), (70, 4990), (89, 5050), (101, 5134), (133, 5248), (169, 5374), (180, 5413), (185, 5440), (197, 5524), (205, 5551), (227, 5626),

Gene: Gengar_11 Start: 7980, Stop: 8912, Start Num: 16

Candidate Starts for Gengar_11:

(Start: 16 @7980 has 377 MA's), (38, 8097), (44, 8124), (54, 8184), (62, 8220), (64, 8226), (81, 8292), (95, 8355), (135, 8532), (197, 8790), (198, 8793), (207, 8826), (212, 8850),

Gene: Geraldini_13 Start: 7951, Stop: 8889, Start Num: 16

Candidate Starts for Geraldini_13:

(Start: 16 @7951 has 377 MA's), (31, 8041), (38, 8068), (50, 8125), (67, 8215), (70, 8227), (72, 8239), (95, 8326), (112, 8410), (120, 8440), (180, 8638), (187, 8677), (197, 8761), (198, 8764), (207, 8797), (212, 8821), (227, 8863),

Gene: Gershwin_6 Start: 4722, Stop: 5648, Start Num: 16

Candidate Starts for Gershwin_6:

(Start: 16 @4722 has 377 MA's), (38, 4839), (42, 4860), (50, 4896), (67, 4989), (69, 4995), (70, 5001), (89, 5061), (101, 5145), (133, 5259), (169, 5385), (185, 5451), (197, 5535), (205, 5562), (227, 5637),

Gene: Getalong_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Getalong_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: GiKK_11 Start: 5758, Stop: 6687, Start Num: 8

Candidate Starts for GiKK_11:

(Start: 8 @5758 has 6 MA's), (41, 5911), (44, 5920), (49, 5947), (66, 6043), (68, 6052), (71, 6058), (87, 6097), (94, 6133), (103, 6181), (154, 6388), (164, 6424), (165, 6427), (201, 6610), (212, 6655),

Gene: Gibbous_8 Start: 5540, Stop: 6475, Start Num: 10

Candidate Starts for Gibbous_8:

(Start: 10 @5540 has 8 MA's), (38, 5675), (58, 5786), (62, 5807), (66, 5825), (77, 5855), (94, 5915), (103, 5963), (110, 5990), (125, 6056), (126, 6059), (154, 6170), (164, 6206), (165, 6209), (170, 6224), (173, 6236), (188, 6305), (190, 6320), (200, 6389), (209, 6419),

Gene: Gideon_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Gideon_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Girafales_7 Start: 5002, Stop: 5910, Start Num: 16

Candidate Starts for Girafales_7:

(Start: 16 @5002 has 377 MA's), (31, 5092), (32, 5095), (38, 5119), (50, 5176), (54, 5206), (72, 5290), (98, 5407), (131, 5539), (141, 5581), (183, 5698), (184, 5701), (190, 5746), (197, 5800), (201, 5815), (207, 5836),

Gene: Glamour_5 Start: 4886, Stop: 5827, Start Num: 16

Candidate Starts for Glamour_5:

(Start: 16 @4886 has 377 MA's), (30, 4973), (38, 5003), (39, 5015), (42, 5024), (50, 5060), (89, 5225), (101, 5309), (127, 5408), (186, 5630), (197, 5711), (231, 5816),

Gene: GlobiWarming_6 Start: 5551, Stop: 6534, Start Num: 5

Candidate Starts for GlobiWarming_6:

(Start: 5 @5551 has 7 MA's), (Start: 11 @5575 has 2 MA's), (26, 5653), (50, 5767), (79, 5887), (86, 5908), (94, 5953), (162, 6238), (166, 6250), (182, 6304), (197, 6424),

Gene: GoldHunter_9 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for GoldHunter_9:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Golden_6 Start: 4803, Stop: 5765, Start Num: 16

Candidate Starts for Golden_6:

(Start: 16 @4803 has 377 MA's), (37, 4914), (38, 4920), (42, 4941), (50, 4977), (59, 5028), (94, 5178), (96, 5190), (170, 5484), (190, 5574), (197, 5628), (198, 5631), (205, 5655),

Gene: GoldenAsh_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for GoldenAsh_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Gomashi_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for Gomashi_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (50, 7275), (56, 7323), (64, 7356), (77, 7407), (98, 7500), (170, 7779), (178, 7818), (212, 8013),

Gene: Gompeii16_15 Start: 11794, Stop: 12813, Start Num: 4

Candidate Starts for Gompeii16_15:

(Start: 4 @11794 has 190 MA's), (46, 11989), (48, 12004), (70, 12124), (76, 12145), (94, 12220), (105, 12280), (151, 12466), (190, 12637), (191, 12643), (196, 12700), (203, 12736),

Gene: Graduation_17 Start: 12355, Stop: 13353, Start Num: 4

Candidate Starts for Graduation_17:

(Start: 4 @12355 has 190 MA's), (34, 12499), (48, 12565), (70, 12685), (76, 12706), (94, 12781), (105, 12841), (130, 12943), (151, 13027), (182, 13147), (191, 13204), (194, 13243), (196, 13249),

Gene: GrecoEtereo_16 Start: 11894, Stop: 12901, Start Num: 4

Candidate Starts for GrecoEtereo_16:

(Start: 4 @11894 has 190 MA's), (34, 12038), (36, 12047), (46, 12089), (48, 12104), (70, 12224), (76, 12245), (94, 12320), (105, 12380), (130, 12482), (151, 12566), (156, 12596), (190, 12737), (191, 12743), (196, 12791),

Gene: Greenlvy_8 Start: 5188, Stop: 6168, Start Num: 16

Candidate Starts for Greenlvy_8:

(Start: 16 @5188 has 377 MA's), (37, 5299), (38, 5305), (42, 5326), (50, 5362), (69, 5461), (89, 5527), (110, 5644), (126, 5713), (127, 5716), (179, 5902), (183, 5917), (185, 5935), (197, 6019), (198, 6022), (232, 6163),

Gene: Greg_17 Start: 11905, Stop: 12903, Start Num: 4

Candidate Starts for Greg_17:

(Start: 4 @11905 has 190 MA's), (34, 12049), (46, 12100), (48, 12115), (70, 12235), (76, 12256), (94, 12331), (105, 12391), (130, 12493), (151, 12577), (182, 12697), (191, 12754), (194, 12793), (196, 12799),

Gene: Greys_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Greys_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Grizzly_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Grizzly_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Guanica15_13 Start: 6888, Stop: 7817, Start Num: 16

Candidate Starts for Guanica15_13:

(Start: 16 @6888 has 377 MA's), (31, 6978), (38, 7005), (67, 7152), (70, 7164), (72, 7176), (95, 7263), (120, 7377), (180, 7575), (187, 7614), (197, 7698), (198, 7701), (207, 7734), (212, 7758), (223, 7785), (227, 7800),

Gene: Gubbabump_6 Start: 4710, Stop: 5636, Start Num: 16

Candidate Starts for Gubbabump_6:

(Start: 16 @4710 has 377 MA's), (38, 4827), (42, 4848), (50, 4884), (67, 4977), (69, 4983), (70, 4989), (89, 5049), (101, 5133), (133, 5247), (169, 5373), (185, 5439), (197, 5523), (205, 5550), (227, 5625),

Gene: Guetzie_6 Start: 4803, Stop: 5753, Start Num: 16

Candidate Starts for Guetzie_6:

(Start: 16 @4803 has 377 MA's), (37, 4914), (38, 4920), (42, 4941), (50, 4977), (59, 5028), (94, 5178), (96, 5190), (127, 5325), (190, 5574), (197, 5628), (198, 5631), (205, 5655),

Gene: Guey18_44 Start: 15517, Stop: 16491, Start Num: 16

Candidate Starts for Guey18_44:

(Start: 16 @15517 has 377 MA's), (28, 15589), (31, 15607), (38, 15634), (88, 15850), (109, 15967), (126, 16036), (153, 16144), (159, 16171), (165, 16192), (184, 16273), (187, 16300), (197, 16372), (198, 16375), (208, 16411),

Gene: Guillsminger_11 Start: 7955, Stop: 8887, Start Num: 16

Candidate Starts for Guillsminger_11:

(Start: 16 @7955 has 377 MA's), (38, 8072), (44, 8099), (54, 8159), (62, 8195), (64, 8201), (81, 8267), (95, 8330), (135, 8507), (197, 8765), (198, 8768), (207, 8801), (212, 8825),

Gene: Gwendoluna_17 Start: 12775, Stop: 13782, Start Num: 4

Candidate Starts for Gwendoluna_17:

(Start: 4 @12775 has 190 MA's), (48, 12985), (70, 13105), (76, 13126), (94, 13201), (105, 13261), (116, 13312), (125, 13345), (130, 13363), (151, 13447), (191, 13624), (194, 13663), (196, 13669),

Gene: Gyzlar_17 Start: 12537, Stop: 13556, Start Num: 4

Candidate Starts for Gyzlar_17:

(Start: 4 @12537 has 190 MA's), (46, 12732), (48, 12747), (70, 12867), (76, 12888), (94, 12963), (105, 13023), (151, 13209), (190, 13380), (191, 13386), (196, 13443),

Gene: Halo_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for Halo_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (33, 7197), (56, 7323), (64, 7356), (124, 7605), (136, 7650), (157, 7737), (170, 7779), (183, 7848), (212, 8013),

Gene: Hami1_17 Start: 11978, Stop: 12982, Start Num: 4

Candidate Starts for Hami1_17:

(Start: 4 @11978 has 190 MA's), (34, 12122), (36, 12131), (46, 12173), (48, 12188), (70, 12308), (76, 12329), (94, 12404), (105, 12464), (130, 12566), (151, 12650), (156, 12680), (182, 12770), (190, 12821), (191, 12827), (196, 12875),

Gene: Hamlet_6 Start: 4714, Stop: 5694, Start Num: 16

Candidate Starts for Hamlet_6:

(Start: 16 @4714 has 377 MA's), (38, 4831), (54, 4921), (59, 4939), (66, 4975), (92, 5074), (101, 5137), (127, 5242), (132, 5263), (133, 5269), (189, 5485), (197, 5545), (205, 5572),

Gene: Hammy_12 Start: 7818, Stop: 8747, Start Num: 16

Candidate Starts for Hammy_12:

(Start: 16 @7818 has 377 MA's), (31, 7908), (38, 7935), (44, 7962), (70, 8094), (88, 8151), (101, 8238), (109, 8268), (120, 8307), (144, 8406), (185, 8532), (187, 8544), (190, 8562), (197, 8628), (198, 8631), (212, 8688),

Gene: HanShotFirst_15 Start: 11197, Stop: 12201, Start Num: 4

Candidate Starts for HanShotFirst_15:

(Start: 4 @11197 has 190 MA's), (48, 11407), (70, 11527), (76, 11548), (94, 11623), (105, 11683), (116, 11734), (117, 11737), (125, 11767), (130, 11785), (151, 11869), (191, 12046), (194, 12085), (196, 12091), (203, 12127),

Gene: HanSolo_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for HanSolo_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: HankSprout_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for HankSprout_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: HarryOW_16 Start: 11894, Stop: 12901, Start Num: 4

Candidate Starts for HarryOW_16:

(Start: 4 @11894 has 190 MA's), (34, 12038), (36, 12047), (46, 12089), (48, 12104), (70, 12224), (76, 12245), (94, 12320), (105, 12380), (130, 12482), (151, 12566), (156, 12596), (190, 12737), (191, 12743), (196, 12791),

Gene: Hasitha_8 Start: 5185, Stop: 6165, Start Num: 16

Candidate Starts for Hasitha_8:

(Start: 16 @5185 has 377 MA's), (37, 5296), (38, 5302), (42, 5323), (69, 5458), (81, 5500), (89, 5524), (110, 5641), (126, 5710), (127, 5713), (179, 5899), (183, 5914), (185, 5932), (197, 6016), (198, 6019), (232, 6160),

Gene: HedwigODU_13 Start: 7931, Stop: 8869, Start Num: 16

Candidate Starts for HedwigODU_13:

(Start: 16 @7931 has 377 MA's), (31, 8021), (38, 8048), (67, 8195), (70, 8207), (72, 8219), (95, 8306), (112, 8390), (120, 8420), (180, 8618), (187, 8657), (197, 8741), (198, 8744), (207, 8777), (212, 8801), (227, 8843),

Gene: Heftyboy_11 Start: 8082, Stop: 9014, Start Num: 16

Candidate Starts for Heftyboy_11:

(Start: 16 @8082 has 377 MA's), (38, 8199), (44, 8226), (54, 8286), (62, 8322), (64, 8328), (81, 8394), (95, 8457), (135, 8634), (197, 8892), (198, 8895), (207, 8928), (212, 8952),

Gene: Hegedechwinu_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Hegedechwinu_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (37, 5118), (38, 5124), (47, 5163), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (183, 5703), (184, 5706), (185, 5721), (190, 5751), (197, 5805), (207, 5841),

Gene: HerculesXL_9 Start: 5573, Stop: 6568, Start Num: 16

Candidate Starts for HerculesXL_9:

(Start: 16 @5573 has 377 MA's), (37, 5684), (38, 5690), (42, 5711), (67, 5840), (69, 5846), (70, 5852), (81, 5888), (89, 5912), (92, 5933), (94, 5948), (132, 6122), (179, 6287), (183, 6302), (185, 6320), (197, 6416), (198, 6419),

Gene: Hermia_17 Start: 12336, Stop: 13343, Start Num: 4

Candidate Starts for Hermia_17:

(Start: 4 @12336 has 190 MA's), (34, 12480), (46, 12531), (48, 12546), (70, 12666), (76, 12687), (94, 12762), (105, 12822), (125, 12906), (130, 12924), (151, 13008), (191, 13185), (194, 13224), (196, 13230),

Gene: HermioneGrange_15 Start: 11307, Stop: 12311, Start Num: 4

Candidate Starts for HermioneGrange_15:

(Start: 4 @11307 has 190 MA's), (48, 11517), (70, 11637), (76, 11658), (94, 11733), (105, 11793), (130, 11895), (151, 11979), (182, 12099), (191, 12156), (194, 12195), (196, 12201),

Gene: Hexbug_10 Start: 6434, Stop: 7372, Start Num: 7

Candidate Starts for Hexbug_10:

(Start: 7 @6434 has 2 MA's), (9, 6440), (24, 6506), (41, 6593), (44, 6602), (66, 6725), (68, 6734), (71, 6740), (87, 6779), (94, 6815), (103, 6863), (111, 6893), (154, 7070), (164, 7106), (165, 7109), (201, 7292), (212, 7337),

Gene: HippoPololi_10 Start: 6182, Stop: 7129, Start Num: 10

Candidate Starts for HippoPololi_10:

(Start: 10 @6182 has 8 MA's), (38, 6317), (58, 6428), (62, 6449), (66, 6467), (77, 6497), (82, 6509), (87, 6521), (103, 6605), (110, 6632), (120, 6674), (126, 6701), (154, 6812), (164, 6848), (165, 6851), (170, 6866), (173, 6878), (188, 6947), (190, 6962), (200, 7031), (209, 7061),

Gene: Holliday_7 Start: 4901, Stop: 5842, Start Num: 17

Candidate Starts for Holliday_7:

(Start: 17 @4901 has 99 MA's), (43, 5036), (56, 5117), (60, 5138), (82, 5213), (111, 5339), (161, 5540), (167, 5558), (176, 5591), (187, 5675), (213, 5813),

Gene: Homines_15 Start: 11612, Stop: 12619, Start Num: 4

Candidate Starts for Homines_15:

(Start: 4 @11612 has 190 MA's), (34, 11756), (46, 11807), (48, 11822), (70, 11942), (76, 11963), (94, 12038), (105, 12098), (116, 12149), (125, 12182), (130, 12200), (151, 12284), (190, 12455), (191, 12461), (196, 12515),

Gene: Homura_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Homura_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Hope_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Hope_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Hope4ever_15 Start: 11714, Stop: 12730, Start Num: 4

Candidate Starts for Hope4ever_15:

(Start: 4 @11714 has 190 MA's), (34, 11858), (46, 11909), (48, 11924), (70, 12044), (76, 12065), (94, 12140), (105, 12200), (116, 12251), (117, 12254), (125, 12284), (130, 12302), (151, 12386), (190, 12557), (191, 12563), (193, 12596), (196, 12617), (203, 12653),

Gene: Horseradish_9 Start: 5276, Stop: 6229, Start Num: 3

Candidate Starts for Horseradish_9:

(Start: 3 @5276 has 32 MA's), (6, 5291), (Start: 17 @5318 has 99 MA's), (41, 5444), (44, 5453), (56, 5531), (66, 5576), (68, 5585), (87, 5630), (94, 5666), (110, 5741), (154, 5921), (164, 5957), (165, 5960), (173, 5987), (201, 6143), (209, 6170), (212, 6188),

Gene: Horus_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Horus_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: Hotshotbaby7_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Hotshotbaby7_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: HungryHenry_6 Start: 4709, Stop: 5635, Start Num: 16

Candidate Starts for HungryHenry_6:

(Start: 16 @4709 has 377 MA's), (38, 4826), (42, 4847), (50, 4883), (67, 4976), (69, 4982), (70, 4988), (89, 5048), (101, 5132), (133, 5246), (169, 5372), (185, 5438), (197, 5522), (205, 5549), (227, 5624),

Gene: Hurricane_12 Start: 7958, Stop: 8881, Start Num: 16

Candidate Starts for Hurricane_12:

(Start: 16 @7958 has 377 MA's), (31, 8048), (38, 8075), (44, 8102), (70, 8234), (81, 8270), (88, 8291), (94, 8330), (105, 8390), (151, 8570), (185, 8672), (187, 8684), (190, 8702), (197, 8768), (224, 8858),

Gene: Hyperbowlee_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Hyperbowlee_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: ILeeKay_17 Start: 11766, Stop: 12764, Start Num: 4

Candidate Starts for ILeeKay_17:

(Start: 4 @11766 has 190 MA's), (34, 11910), (46, 11961), (48, 11976), (70, 12096), (76, 12117), (94, 12192), (105, 12252), (125, 12336), (130, 12354), (151, 12438), (182, 12558), (191, 12615), (194, 12654), (196, 12660),

Gene: Ichabod_16 Start: 11618, Stop: 12628, Start Num: 4

Candidate Starts for Ichabod_16:

(Start: 4 @11618 has 190 MA's), (34, 11762), (46, 11813), (48, 11828), (70, 11948), (76, 11969), (94, 12044), (105, 12104), (125, 12188), (130, 12206), (151, 12290), (190, 12461), (191, 12467), (196, 12521),

Gene: IdentityCrisis_7 Start: 6019, Stop: 6936, Start Num: 17

Candidate Starts for IdentityCrisis_7:

(Start: 17 @6019 has 99 MA's), (38, 6130), (43, 6154), (64, 6265), (91, 6352), (93, 6364), (94, 6376), (102, 6421), (110, 6451), (111, 6454), (124, 6508), (125, 6511), (131, 6529), (140, 6568), (147, 6592), (151, 6622), (172, 6706), (179, 6733), (191, 6799),

Gene: IgnatiusPatJac_14 Start: 11592, Stop: 12590, Start Num: 4

Candidate Starts for IgnatiusPatJac_14:

(Start: 4 @11592 has 190 MA's), (34, 11736), (46, 11787), (48, 11802), (70, 11922), (76, 11943), (94, 12018), (105, 12078), (130, 12180), (151, 12264), (182, 12384), (191, 12441), (194, 12480), (196, 12486),

Gene: Illumine_13 Start: 7930, Stop: 8865, Start Num: 16

Candidate Starts for Illumine_13:

(Start: 16 @7930 has 377 MA's), (31, 8020), (38, 8047), (67, 8194), (70, 8206), (72, 8218), (95, 8305), (120, 8419), (180, 8617), (187, 8656), (190, 8674), (197, 8740), (198, 8743), (207, 8776), (208, 8779), (212, 8800), (227, 8842),

Gene: Ilzat_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Ilzat_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Inky_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Inky_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Inventa_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Inventa_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: InvictusManeo_11 Start: 8104, Stop: 9024, Start Num: 16

Candidate Starts for InvictusManeo_11:

(Start: 16 @8104 has 377 MA's), (38, 8221), (44, 8248), (54, 8308), (62, 8344), (64, 8350), (70, 8380), (81, 8416), (95, 8479), (98, 8509), (197, 8914), (198, 8917), (207, 8950), (212, 8974),

Gene: Ioannes_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Ioannes_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Ixel_8 Start: 5124, Stop: 6119, Start Num: 16

Candidate Starts for Ixel_8:

(Start: 16 @5124 has 377 MA's), (31, 5214), (37, 5235), (38, 5241), (39, 5253), (42, 5262), (67, 5391), (69, 5397), (70, 5403), (81, 5439), (89, 5463), (94, 5499), (170, 5811), (179, 5838), (183, 5853), (189, 5895), (197, 5967),

Gene: JAWS_13 Start: 7928, Stop: 8863, Start Num: 16

Candidate Starts for JAWS_13:

(Start: 16 @7928 has 377 MA's), (31, 8018), (38, 8045), (67, 8192), (70, 8204), (72, 8216), (95, 8303), (112, 8387), (120, 8417), (180, 8615), (187, 8654), (197, 8738), (198, 8741), (207, 8774), (212, 8798), (227, 8840),

Gene: JC27_17 Start: 12218, Stop: 13225, Start Num: 4

Candidate Starts for JC27_17:

(Start: 4 @12218 has 190 MA's), (34, 12362), (46, 12413), (48, 12428), (70, 12548), (76, 12569), (94, 12644), (105, 12704), (125, 12788), (130, 12806), (151, 12890), (191, 13067), (194, 13106), (196, 13112),

Gene: JF1_14 Start: 9164, Stop: 10093, Start Num: 16

Candidate Starts for JF1_14:

(Start: 16 @9164 has 377 MA's), (31, 9254), (37, 9275), (38, 9281), (44, 9308), (54, 9368), (79, 9470), (81, 9476), (94, 9536), (101, 9584), (105, 9596), (120, 9653), (135, 9716), (141, 9743), (178, 9836), (187, 9890), (190, 9908), (197, 9974), (212, 10034),

Gene: Jabbawokkie_8 Start: 5401, Stop: 6336, Start Num: 17

Candidate Starts for Jabbawokkie_8:

(Start: 17 @5401 has 99 MA's), (25, 5446), (26, 5455), (35, 5500), (43, 5536), (60, 5638), (82, 5713), (122, 5893), (140, 5959), (167, 6055), (176, 6088), (177, 6106), (181, 6130), (187, 6172), (204, 6271), (209, 6289), (213, 6310),

Gene: JackSparrow_16 Start: 11934, Stop: 12938, Start Num: 4

Candidate Starts for JackSparrow_16:

(Start: 4 @11934 has 190 MA's), (19, 11991), (34, 12078), (36, 12087), (46, 12129), (48, 12144), (70, 12264), (76, 12285), (94, 12360), (105, 12420), (130, 12522), (151, 12606), (156, 12636), (182, 12726), (190, 12777), (191, 12783), (196, 12831),

Gene: JacoRen57_6 Start: 5476, Stop: 6447, Start Num: 12

Candidate Starts for JacoRen57_6:

(Start: 12 @5476 has 4 MA's), (23, 5527), (38, 5611), (40, 5626), (50, 5668), (59, 5704), (63, 5725), (69, 5752), (73, 5773), (81, 5794), (93, 5842), (118, 5959), (127, 5986), (128, 5992), (132, 6007), (158, 6118), (174, 6169), (196, 6307), (202, 6337), (223, 6415),

Gene: JalFarm20_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for JalFarm20_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Jamzy_11 Start: 5769, Stop: 6698, Start Num: 8

Candidate Starts for Jamzy_11:

(Start: 8 @5769 has 6 MA's), (24, 5835), (44, 5931), (49, 5958), (66, 6054), (68, 6063), (71, 6069), (74, 6078), (94, 6144), (103, 6192), (154, 6399), (164, 6435), (201, 6621),

Gene: Jane_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Jane_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Janus167_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Janus167_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Jarvi_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Jarvi_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: JasonD_8 Start: 4985, Stop: 5977, Start Num: 16

Candidate Starts for JasonD_8:

(Start: 16 @4985 has 377 MA's), (38, 5102), (50, 5159), (54, 5192), (66, 5246), (70, 5264), (132, 5534), (183, 5714), (186, 5735), (189, 5756), (197, 5828), (205, 5855),

Gene: Jasper_16 Start: 11429, Stop: 12439, Start Num: 4

Candidate Starts for Jasper_16:

(Start: 4 @11429 has 190 MA's), (34, 11573), (46, 11624), (48, 11639), (70, 11759), (76, 11780), (94, 11855), (105, 11915), (116, 11966), (125, 11999), (130, 12017), (151, 12101), (190, 12272), (191, 12278), (196, 12332),

Gene: JasperRussell_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for JasperRussell_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Jayhawk_13 Start: 7932, Stop: 8870, Start Num: 16

Candidate Starts for Jayhawk_13:

(Start: 16 @7932 has 377 MA's), (31, 8022), (38, 8049), (67, 8196), (70, 8208), (72, 8220), (95, 8307), (112, 8391), (120, 8421), (180, 8619), (187, 8658), (197, 8742), (198, 8745), (207, 8778), (212, 8802), (227, 8844),

Gene: Jeckyll_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Jeckyll_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Jemerald_8 Start: 6059, Stop: 7003, Start Num: 15

Candidate Starts for Jemerald_8:

(2, 5966), (Start: 15 @6059 has 17 MA's), (27, 6122), (38, 6176), (39, 6188), (42, 6197), (64, 6308), (92, 6419), (94, 6434), (101, 6482), (127, 6569), (182, 6767), (186, 6791), (197, 6884), (198, 6887), (227, 6992),

Gene: Jenos_8 Start: 5321, Stop: 6310, Start Num: 16

Candidate Starts for Jenos_8:

(Start: 16 @5321 has 377 MA's), (38, 5438), (50, 5495), (54, 5528), (66, 5582), (70, 5600), (92, 5681), (101, 5744), (132, 5870), (183, 6050), (186, 6071), (189, 6092), (197, 6164), (198, 6167), (205, 6191),

Gene: Jerbirus_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Jerbirus_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: JeriBeth_6 Start: 4708, Stop: 5634, Start Num: 15

Candidate Starts for JeriBeth_6:

(Start: 15 @4708 has 17 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Jerm2_16 Start: 11807, Stop: 12808, Start Num: 4

Candidate Starts for Jerm2_16:

(Start: 4 @11807 has 190 MA's), (48, 12017), (70, 12137), (76, 12158), (94, 12233), (105, 12293), (130, 12395), (151, 12479), (182, 12599), (191, 12656), (194, 12695), (196, 12701),

Gene: Job42_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Job42_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Jolene_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Jolene_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Jolie2_7 Start: 6247, Stop: 7173, Start Num: 17

Candidate Starts for Jolie2_7:

(Start: 17 @6247 has 99 MA's), (26, 6304), (27, 6307), (29, 6319), (50, 6418), (56, 6466), (64, 6499), (126, 6754), (170, 6922), (191, 7039), (195, 7075), (212, 7147), (222, 7165),

Gene: Jonghyun_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Jonghyun_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: JorRay_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for JorRay_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Jorgensen_15 Start: 11390, Stop: 12388, Start Num: 4

Candidate Starts for Jorgensen_15:

(Start: 4 @11390 has 190 MA's), (34, 11534), (46, 11585), (48, 11600), (70, 11720), (76, 11741), (94, 11816), (105, 11876), (125, 11960), (130, 11978), (151, 12062), (182, 12182), (191, 12239), (194, 12278), (196, 12284),

Gene: Joy99_13 Start: 7900, Stop: 8835, Start Num: 16

Candidate Starts for Joy99_13:

(Start: 16 @7900 has 377 MA's), (31, 7990), (38, 8017), (67, 8164), (70, 8176), (72, 8188), (95, 8275), (112, 8359), (120, 8389), (180, 8587), (187, 8626), (190, 8644), (197, 8710), (198, 8713), (207, 8746), (212, 8770), (227, 8812),

Gene: Juanyo_6 Start: 5026, Stop: 5967, Start Num: 16

Candidate Starts for Juanyo_6:

(Start: 16 @5026 has 377 MA's), (38, 5143), (39, 5155), (42, 5164), (50, 5200), (54, 5233), (89, 5365), (183, 5749), (186, 5770), (197, 5851), (229, 5956),

Gene: Judy_6 Start: 5595, Stop: 6578, Start Num: 5

Candidate Starts for Judy_6:

(Start: 5 @5595 has 7 MA's), (Start: 11 @5619 has 2 MA's), (26, 5697), (50, 5811), (79, 5931), (86, 5952), (94, 5997), (162, 6282), (166, 6294), (182, 6348), (197, 6468),

Gene: Juice456_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Juice456_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (37, 5119), (38, 5125), (47, 5164), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Juicer_8 Start: 6059, Stop: 7003, Start Num: 15

Candidate Starts for Juicer_8:

(2, 5966), (Start: 15 @6059 has 17 MA's), (27, 6122), (38, 6176), (39, 6188), (42, 6197), (64, 6308), (92, 6419), (94, 6434), (101, 6482), (127, 6569), (182, 6767), (186, 6791), (197, 6884), (198, 6887), (227, 6992),

Gene: JuliaChild_17 Start: 12065, Stop: 13072, Start Num: 4

Candidate Starts for JuliaChild_17:

(Start: 4 @12065 has 190 MA's), (48, 12275), (70, 12395), (76, 12416), (94, 12491), (110, 12572), (125, 12635), (130, 12653), (151, 12737), (191, 12914), (196, 12962),

Gene: Juliette_14 Start: 9051, Stop: 9980, Start Num: 16

Candidate Starts for Juliette_14:

(Start: 16 @9051 has 377 MA's), (31, 9141), (37, 9162), (38, 9168), (44, 9195), (54, 9255), (70, 9327), (79, 9357), (81, 9363), (120, 9540), (135, 9603), (141, 9630), (151, 9663), (178, 9723), (187, 9777), (197, 9861), (207, 9897), (212, 9921),

Gene: KBG_16 Start: 12499, Stop: 13509, Start Num: 4

Candidate Starts for KBG_16:

(Start: 4 @12499 has 190 MA's), (46, 12694), (48, 12709), (70, 12829), (76, 12850), (94, 12925), (105, 12985), (151, 13171), (190, 13342), (191, 13348), (196, 13405), (203, 13441),

Gene: KSSJEB_15 Start: 11403, Stop: 12413, Start Num: 4

Candidate Starts for KSSJEB_15:

(Start: 4 @11403 has 190 MA's), (34, 11547), (46, 11598), (48, 11613), (70, 11733), (76, 11754), (94, 11829), (105, 11889), (125, 11973), (130, 11991), (151, 12075), (190, 12246), (191, 12252), (196, 12306),

Gene: Kale_6 Start: 4724, Stop: 5650, Start Num: 16

Candidate Starts for Kale_6:

(Start: 16 @4724 has 377 MA's), (38, 4841), (42, 4862), (50, 4898), (67, 4991), (69, 4997), (70, 5003), (89, 5063), (101, 5147), (133, 5261), (169, 5387), (185, 5453), (197, 5537), (205, 5564), (227, 5639),

Gene: Kamaru_7 Start: 4901, Stop: 5842, Start Num: 17

Candidate Starts for Kamaru_7:

(Start: 17 @4901 has 99 MA's), (43, 5036), (56, 5117), (60, 5138), (82, 5213), (111, 5339), (161, 5540), (167, 5558), (176, 5591), (187, 5675), (213, 5813),

Gene: Kanely_16 Start: 12174, Stop: 13175, Start Num: 4

Candidate Starts for Kanely_16:

(Start: 4 @12174 has 190 MA's), (34, 12318), (46, 12369), (48, 12384), (70, 12504), (76, 12525), (94, 12600), (105, 12660), (125, 12744), (130, 12762), (151, 12846), (182, 12966), (191, 13023), (194, 13062), (196, 13068),

Gene: KannH_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for KannH_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Kareem_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Kareem_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Karkharias_6 Start: 5552, Stop: 6535, Start Num: 5

Candidate Starts for Karkharias_6:

(Start: 5 @5552 has 7 MA's), (Start: 11 @5576 has 2 MA's), (26, 5654), (50, 5768), (79, 5888), (86, 5909), (94, 5954), (162, 6239), (166, 6251), (182, 6305), (197, 6425),

Gene: Kasen3_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for Kasen3_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (50, 7275), (56, 7323), (64, 7356), (77, 7407), (98, 7500), (170, 7779), (178, 7818), (212, 8013),

Gene: KatChan_8 Start: 5187, Stop: 6140, Start Num: 16

Candidate Starts for KatChan_8:

(Start: 16 @5187 has 377 MA's), (37, 5298), (38, 5304), (42, 5325), (44, 5331), (50, 5361), (89, 5526), (94, 5562), (109, 5640), (127, 5715), (181, 5910), (197, 6018), (198, 6021), (223, 6111),

Gene: Kauala_6 Start: 4718, Stop: 5671, Start Num: 16

Candidate Starts for Kauala_6:

(Start: 16 @4718 has 377 MA's), (37, 4829), (38, 4835), (42, 4856), (50, 4892), (54, 4925), (59, 4943), (96, 5105), (127, 5240), (190, 5489), (197, 5543), (198, 5546), (205, 5570),

Gene: KayGee_7 Start: 5097, Stop: 6056, Start Num: 3

Candidate Starts for KayGee_7:

(Start: 3 @5097 has 32 MA's), (Start: 17 @5148 has 99 MA's), (42, 5277), (57, 5364), (66, 5406), (68, 5415), (87, 5460), (103, 5544), (126, 5640), (140, 5697), (154, 5751), (164, 5787), (209, 6000), (212, 6018), (227, 6048),

Gene: Keelan_37 Start: 14299, Stop: 15273, Start Num: 16

Candidate Starts for Keelan_37:

(Start: 16 @14299 has 377 MA's), (28, 14371), (31, 14389), (38, 14416), (88, 14632), (126, 14818), (153, 14926), (159, 14953), (165, 14974), (177, 15022), (184, 15055), (185, 15070), (197, 15154), (198, 15157), (208, 15193),

Gene: Keiki_6 Start: 4648, Stop: 5595, Start Num: 14

Candidate Starts for Keiki_6:

(Start: 14 @4648 has 40 MA's), (24, 4696), (31, 4738), (44, 4792), (61, 4894), (68, 4924), (77, 4954), (129, 5161), (136, 5185), (146, 5221), (151, 5257), (156, 5284), (175, 5344), (183, 5374), (195, 5467), (199, 5488), (204, 5506), (214, 5548),

Gene: Kenmech_18 Start: 12679, Stop: 13695, Start Num: 4

Candidate Starts for Kenmech_18:

(Start: 4 @12679 has 190 MA's), (46, 12874), (48, 12889), (51, 12904), (63, 12976), (70, 13009), (76, 13030), (94, 13105), (105, 13165), (151, 13351), (190, 13522), (191, 13528), (196, 13585), (203, 13621),

Gene: Kenna_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Kenna_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: Keshu_12 Start: 7945, Stop: 8868, Start Num: 16

Candidate Starts for Keshu_12:

(Start: 16 @7945 has 377 MA's), (31, 8035), (38, 8062), (44, 8089), (70, 8221), (81, 8257), (88, 8278), (94, 8317), (151, 8557), (185, 8659), (187, 8671), (190, 8689), (197, 8755), (224, 8845),

Gene: KiSi_12 Start: 6805, Stop: 7728, Start Num: 16

Candidate Starts for KiSi_12:

(Start: 16 @6805 has 377 MA's), (37, 6916), (38, 6922), (44, 6949), (67, 7069), (70, 7081), (72, 7093), (79, 7111), (95, 7180), (98, 7210), (101, 7225), (109, 7255), (120, 7294), (128, 7330), (187, 7531), (197, 7615), (198, 7618), (207, 7651), (212, 7675),

Gene: Killigrew_13 Start: 11039, Stop: 12049, Start Num: 4

Candidate Starts for Killigrew_13:

(Start: 4 @11039 has 190 MA's), (34, 11183), (46, 11234), (48, 11249), (70, 11369), (76, 11390), (94, 11465), (105, 11525), (116, 11576), (125, 11609), (130, 11627), (151, 11711), (190, 11882), (191, 11888), (193, 11921), (196, 11942), (207, 11993),

Gene: Kimberlium_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Kimberlium_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (37, 5119), (38, 5125), (47, 5164), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: KingJulien_6 Start: 4705, Stop: 5697, Start Num: 16

Candidate Starts for KingJulien_6:

(Start: 16 @4705 has 377 MA's), (38, 4822), (50, 4879), (66, 4966), (92, 5065), (127, 5233), (132, 5254), (133, 5260), (181, 5428), (185, 5452), (189, 5476), (197, 5548), (198, 5551),

Gene: Kingsley_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Kingsley_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (192, 5775), (197, 5805), (201, 5820), (207, 5841),

Gene: Klimt_6 Start: 4709, Stop: 5635, Start Num: 15

Candidate Starts for Klimt_6:

(Start: 15 @4709 has 17 MA's), (38, 4826), (42, 4847), (50, 4883), (67, 4976), (69, 4982), (70, 4988), (89, 5048), (101, 5132), (133, 5246), (169, 5372), (180, 5411), (185, 5438), (197, 5522), (205, 5549), (227, 5624),

Gene: Knox_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Knox_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Koji_6 Start: 4718, Stop: 5686, Start Num: 16

Candidate Starts for Koji_6:

(Start: 16 @4718 has 377 MA's), (37, 4829), (38, 4835), (42, 4856), (50, 4892), (59, 4943), (94, 5093), (96, 5105), (127, 5240), (132, 5261), (190, 5489), (197, 5543), (198, 5546),

Gene: Kratio_10 Start: 7731, Stop: 8651, Start Num: 16

Candidate Starts for Kratio_10:

(Start: 16 @7731 has 377 MA's), (38, 7848), (44, 7875), (54, 7935), (62, 7971), (64, 7977), (70, 8007), (81, 8043), (95, 8106), (98, 8136), (197, 8541), (198, 8544), (207, 8577), (212, 8601),

Gene: Krueger_12 Start: 6865, Stop: 7788, Start Num: 16

Candidate Starts for Krueger_12:

(Start: 16 @6865 has 377 MA's), (38, 6982), (44, 7009), (67, 7129), (70, 7141), (72, 7153), (182, 7558), (187, 7591), (190, 7609), (197, 7675), (198, 7678), (207, 7711), (212, 7735), (223, 7762),

Gene: Kubed_6 Start: 4642, Stop: 5589, Start Num: 14

Candidate Starts for Kubed_6:

(Start: 13 @4639 has 3 MA's), (Start: 14 @4642 has 40 MA's), (24, 4690), (31, 4732), (40, 4774), (61, 4888), (68, 4918), (77, 4948), (93, 4999), (104, 5062), (120, 5122), (129, 5155), (136, 5179), (146, 5215), (151, 5251), (156, 5278), (175, 5338), (183, 5368), (199, 5482), (204, 5500), (206, 5509), (214, 5542),

Gene: Kurt1_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Kurt1_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: KyMonks1A_17 Start: 11909, Stop: 12907, Start Num: 4

Candidate Starts for KyMonks1A_17:

(Start: 4 @11909 has 190 MA's), (34, 12053), (46, 12104), (48, 12119), (70, 12239), (76, 12260), (94, 12335), (105, 12395), (125, 12479), (130, 12497), (151, 12581), (182, 12701), (191, 12758), (194, 12797), (196, 12803),

Gene: Lamina13_15 Start: 11185, Stop: 12183, Start Num: 4

Candidate Starts for Lamina13_15:

(Start: 4 @11185 has 190 MA's), (34, 11329), (46, 11380), (48, 11395), (70, 11515), (76, 11536), (94, 11611), (105, 11671), (130, 11773), (151, 11857), (182, 11977), (191, 12034), (194, 12073), (196, 12079),

Gene: Larva_11 Start: 7861, Stop: 8793, Start Num: 16

Candidate Starts for Larva_11:

(Start: 16 @7861 has 377 MA's), (38, 7978), (44, 8005), (54, 8065), (62, 8101), (64, 8107), (70, 8137), (81, 8173), (95, 8236), (98, 8266), (197, 8671), (198, 8674), (212, 8731),

Gene: LastHope_13 Start: 6959, Stop: 7888, Start Num: 16

Candidate Starts for LastHope_13:

(Start: 16 @6959 has 377 MA's), (31, 7049), (38, 7076), (54, 7163), (67, 7223), (70, 7235), (72, 7247), (105, 7391), (112, 7418), (120, 7448), (182, 7652), (187, 7685), (197, 7769), (198, 7772), (207, 7805), (212, 7829), (227, 7871),

Gene: LaterM_13 Start: 7898, Stop: 8833, Start Num: 16

Candidate Starts for LaterM_13:

(Start: 16 @7898 has 377 MA's), (31, 7988), (38, 8015), (59, 8120), (67, 8162), (70, 8174), (72, 8186), (95, 8273), (120, 8387), (180, 8585), (187, 8624), (190, 8642), (197, 8708), (198, 8711), (207, 8744), (212, 8768), (227, 8810),

Gene: Lauchelly_6 Start: 4637, Stop: 5584, Start Num: 14

Candidate Starts for Lauchelly_6:

(Start: 14 @4637 has 40 MA's), (24, 4685), (30, 4724), (40, 4769), (44, 4781), (61, 4883), (68, 4913), (77, 4943), (97, 5036), (104, 5057), (129, 5150), (142, 5198), (146, 5210), (151, 5246), (175, 5333), (179, 5351), (199, 5477), (206, 5504), (214, 5537),

Gene: Lauer_7 Start: 5150, Stop: 6109, Start Num: 3

Candidate Starts for Lauer_7:

(Start: 3 @5150 has 32 MA's), (Start: 17 @5201 has 99 MA's), (42, 5330), (57, 5417), (66, 5459), (68, 5468), (87, 5513), (103, 5597), (126, 5693), (140, 5750), (154, 5804), (164, 5840), (209, 6053), (212, 6071),

Gene: LeMond_12 Start: 6805, Stop: 7728, Start Num: 16

Candidate Starts for LeMond_12:

(Start: 16 @6805 has 377 MA's), (37, 6916), (38, 6922), (44, 6949), (67, 7069), (70, 7081), (72, 7093), (79, 7111), (95, 7180), (98, 7210), (101, 7225), (109, 7255), (120, 7294), (128, 7330), (187, 7531), (197, 7615), (198, 7618), (207, 7651), (212, 7675),

Gene: Leafus_6 Start: 4852, Stop: 5844, Start Num: 16

Candidate Starts for Leafus_6:

(Start: 16 @4852 has 377 MA's), (38, 4969), (50, 5026), (66, 5113), (70, 5131), (92, 5212), (127, 5380), (132, 5401), (133, 5407), (181, 5575), (185, 5599), (189, 5623), (197, 5695), (198, 5698),

Gene: Lemuria_7 Start: 6287, Stop: 7213, Start Num: 17

Candidate Starts for Lemuria_7:

(Start: 17 @6287 has 99 MA's), (26, 6344), (27, 6347), (29, 6359), (50, 6458), (56, 6506), (64, 6539), (126, 6794), (170, 6962), (181, 7010), (183, 7022), (195, 7115), (212, 7187), (222, 7205),

Gene: Leozinho_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Leozinho_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Leroy_7 Start: 4898, Stop: 5836, Start Num: 17

Candidate Starts for Leroy_7:

(Start: 17 @4898 has 99 MA's), (24, 4940), (25, 4943), (43, 5033), (60, 5135), (80, 5207), (82, 5210), (125, 5399), (167, 5552), (170, 5564), (181, 5627), (189, 5681), (209, 5786), (213, 5807),

Gene: Lesedi_14 Start: 11344, Stop: 12351, Start Num: 4

Candidate Starts for Lesedi_14:

(Start: 4 @11344 has 190 MA's), (34, 11488), (36, 11497), (46, 11539), (48, 11554), (70, 11674), (76, 11695), (94, 11770), (105, 11830), (116, 11881), (130, 11932), (151, 12016), (156, 12046), (190, 12187), (191, 12193), (196, 12241),

Gene: Leston_11 Start: 8085, Stop: 9017, Start Num: 16

Candidate Starts for Leston_11:

(Start: 16 @8085 has 377 MA's), (38, 8202), (44, 8229), (54, 8289), (62, 8325), (64, 8331), (81, 8397), (95, 8460), (135, 8637), (197, 8895), (198, 8898), (207, 8931), (212, 8955),

Gene: Leviosa_6 Start: 4642, Stop: 5604, Start Num: 14

Candidate Starts for Leviosa_6:

(Start: 13 @4639 has 3 MA's), (Start: 14 @4642 has 40 MA's), (24, 4690), (31, 4732), (44, 4786), (61, 4888), (68, 4918), (77, 4948), (104, 5062), (124, 5137), (129, 5155), (151, 5251), (175, 5338), (195, 5461), (199, 5482), (206, 5509), (214, 5542),

Gene: Librie_8 Start: 5185, Stop: 6165, Start Num: 16

Candidate Starts for Librie_8:

(Start: 16 @5185 has 377 MA's), (37, 5296), (38, 5302), (42, 5323), (50, 5359), (69, 5458), (81, 5500), (89, 5524), (110, 5641), (126, 5710), (127, 5713), (179, 5899), (183, 5914), (185, 5932), (197, 6016), (198, 6019), (232, 6160),

Gene: Licorice_17 Start: 12202, Stop: 13221, Start Num: 4

Candidate Starts for Licorice_17:

(Start: 4 @12202 has 190 MA's), (46, 12397), (48, 12412), (51, 12427), (63, 12499), (70, 12532), (76, 12553), (94, 12628), (105, 12688), (151, 12874), (190, 13045), (191, 13051), (196, 13108), (203, 13144),

Gene: Liefie_7 Start: 7102, Stop: 8037, Start Num: 17

Candidate Starts for Liefie_7:

(Start: 17 @7102 has 99 MA's), (26, 7159), (27, 7162), (29, 7174), (50, 7273), (56, 7321), (64, 7354), (77, 7405), (98, 7498), (170, 7777), (178, 7816), (212, 8011),

Gene: LilBandit_6 Start: 4638, Stop: 5588, Start Num: 13

Candidate Starts for LilBandit_6:

(Start: 13 @4638 has 3 MA's), (Start: 14 @4641 has 40 MA's), (24, 4689), (31, 4731), (44, 4785), (61, 4887), (68, 4917), (77, 4947), (93, 4998), (104, 5061), (129, 5154), (136, 5178), (146, 5214), (151, 5250), (156, 5277), (163, 5295), (175, 5337), (183, 5367), (195, 5460), (199, 5481), (204, 5499), (206, 5508), (214, 5541),

Gene: LilBib_16 Start: 12144, Stop: 13151, Start Num: 4

Candidate Starts for LilBib_16:

(Start: 4 @12144 has 190 MA's), (48, 12354), (70, 12474), (76, 12495), (94, 12570), (105, 12630), (125, 12714), (130, 12732), (151, 12816), (191, 12993), (194, 13032), (196, 13038),

Gene: LilPharaoh_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for LilPharaoh_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: LilTerminator_8 Start: 5197, Stop: 6177, Start Num: 16

Candidate Starts for LilTerminator_8:

(Start: 16 @5197 has 377 MA's), (37, 5308), (38, 5314), (42, 5335), (69, 5470), (81, 5512), (89, 5536), (110, 5653), (126, 5722), (127, 5725), (179, 5911), (183, 5926), (185, 5944), (197, 6028), (198, 6031), (232, 6172),

Gene: LindNT_13 Start: 7898, Stop: 8833, Start Num: 16

Candidate Starts for LindNT_13:

(Start: 16 @7898 has 377 MA's), (31, 7988), (38, 8015), (67, 8162), (70, 8174), (72, 8186), (95, 8273), (120, 8387), (180, 8585), (187, 8624), (190, 8642), (197, 8708), (198, 8711), (207, 8744), (212, 8768), (227, 8810),

Gene: LitninMcQueen_7 Start: 4901, Stop: 5842, Start Num: 17

Candidate Starts for LitninMcQueen_7:

(Start: 17 @4901 has 99 MA's), (43, 5036), (56, 5117), (60, 5138), (82, 5213), (111, 5339), (161, 5540), (167, 5558), (176, 5591), (187, 5675), (213, 5813),

Gene: LittleShirley_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for LittleShirley_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Llorens_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Llorens_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Lockley_15 Start: 11523, Stop: 12521, Start Num: 4

Candidate Starts for Lockley_15:

(Start: 4 @11523 has 190 MA's), (34, 11667), (46, 11718), (48, 11733), (70, 11853), (76, 11874), (94, 11949), (105, 12009), (130, 12111), (151, 12195), (182, 12315), (191, 12372), (194, 12411), (196, 12417),

Gene: Lopton_16 Start: 12951, Stop: 13952, Start Num: 4

Candidate Starts for Lopton_16:

(Start: 4 @12951 has 190 MA's), (48, 13161), (70, 13281), (76, 13302), (94, 13377), (105, 13437), (125, 13521), (130, 13539), (151, 13623), (191, 13800), (194, 13839), (196, 13845), (216, 13929),

Gene: Lorde_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Lorde_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: LouisV14_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for LouisV14_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Lovelyunicorn_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Lovelyunicorn_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Lucky10_6 Start: 4488, Stop: 5390, Start Num: 17

Candidate Starts for Lucky10_6:

(Start: 17 @4488 has 99 MA's), (18, 4494), (31, 4572), (38, 4599), (59, 4713), (62, 4731), (64, 4737), (113, 4932), (163, 5118), (167, 5130), (170, 5142), (179, 5184), (191, 5253), (198, 5310), (204, 5331),

Gene: Lucky3_6 Start: 4803, Stop: 5765, Start Num: 16

Candidate Starts for Lucky3_6:

(Start: 16 @4803 has 377 MA's), (37, 4914), (38, 4920), (42, 4941), (50, 4977), (59, 5028), (94, 5178), (96, 5190), (170, 5484), (190, 5574), (197, 5628), (198, 5631), (205, 5655),

Gene: Ludgate_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Ludgate_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Luna18_8 Start: 5187, Stop: 6140, Start Num: 16

Candidate Starts for Luna18_8:

(Start: 16 @5187 has 377 MA's), (37, 5298), (38, 5304), (42, 5325), (44, 5331), (50, 5361), (89, 5526), (94, 5562), (109, 5640), (127, 5715), (181, 5910), (197, 6018), (198, 6021), (223, 6111),

Gene: Lunahalos_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Lunahalos_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Lutum_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Lutum_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: MAnor_8 Start: 5091, Stop: 6050, Start Num: 3

Candidate Starts for MAnor_8:

(Start: 3 @5091 has 32 MA's), (Start: 17 @5142 has 99 MA's), (24, 5181), (57, 5358), (66, 5400), (68, 5409), (87, 5454), (103, 5538), (126, 5634), (140, 5691), (154, 5745), (164, 5781), (209, 5994), (212, 6012),

Gene: MCubed_6 Start: 4889, Stop: 5845, Start Num: 16

Candidate Starts for MCubed_6:

(Start: 16 @4889 has 377 MA's), (30, 4976), (38, 5006), (39, 5018), (42, 5027), (54, 5096), (89, 5228), (101, 5312), (127, 5411), (132, 5432), (186, 5633), (197, 5714),

Gene: MEAK_6 Start: 4640, Stop: 5587, Start Num: 14

Candidate Starts for MEAK_6:

(Start: 13 @4637 has 3 MA's), (Start: 14 @4640 has 40 MA's), (24, 4688), (31, 4730), (40, 4772), (44, 4784), (61, 4886), (68, 4916), (78, 4949), (129, 5153), (136, 5177), (146, 5213), (151, 5249), (156, 5276), (175, 5336), (183, 5366), (199, 5480), (206, 5507), (214, 5540),

Gene: MOOREtheMARYer_7 Start: 7192, Stop: 8094, Start Num: 17

Candidate Starts for MOOREtheMARYer_7:

(Start: 17 @7192 has 99 MA's), (19, 7201), (27, 7249), (56, 7408), (59, 7417), (64, 7441), (77, 7492), (78, 7495), (125, 7681), (132, 7702), (167, 7834), (187, 7933), (191, 7957),

Gene: MPlant7149_14 Start: 11161, Stop: 12162, Start Num: 4

Candidate Starts for MPlant7149_14:

(Start: 4 @11161 has 190 MA's), (48, 11371), (70, 11491), (76, 11512), (94, 11587), (105, 11647), (116, 11698), (117, 11701), (125, 11731), (130, 11749), (151, 11833), (191, 12010), (194, 12049), (196, 12055),

Gene: MScarn_10 Start: 5370, Stop: 6326, Start Num: 3

Candidate Starts for MScarn_10:

(Start: 3 @5370 has 32 MA's), (6, 5385), (Start: 17 @5412 has 99 MA's), (41, 5538), (44, 5547), (56, 5625), (66, 5670), (68, 5679), (87, 5724), (94, 5760), (110, 5835), (154, 6015), (164, 6051), (165, 6054), (173, 6081), (201, 6237), (209, 6264), (212, 6282),

Gene: MaVan_10 Start: 6293, Stop: 7219, Start Num: 10

Candidate Starts for MaVan_10:

(Start: 10 @6293 has 8 MA's), (38, 6428), (58, 6539), (66, 6578), (77, 6608), (87, 6632), (94, 6668), (103, 6716), (110, 6743), (124, 6806), (125, 6809), (126, 6812), (154, 6923), (164, 6959), (170, 6977), (173, 6989), (188, 7058), (190, 7073), (200, 7142), (209, 7172),

Gene: MacnCheese_13 Start: 8170, Stop: 9093, Start Num: 16

Candidate Starts for MacnCheese_13:

(Start: 16 @8170 has 377 MA's), (31, 8260), (38, 8287), (44, 8314), (70, 8446), (81, 8482), (88, 8503), (94, 8542), (112, 8629), (151, 8782), (187, 8896), (190, 8914), (197, 8980), (207, 9016), (224, 9070),

Gene: Maco6_7 Start: 5705, Stop: 6694, Start Num: 12

Candidate Starts for Maco6_7:

(Start: 12 @5705 has 4 MA's), (26, 5780), (37, 5831), (38, 5837), (50, 5894), (63, 5951), (69, 5978), (93, 6068), (118, 6185), (120, 6191), (143, 6275), (174, 6395), (186, 6446), (196, 6533), (211, 6596),

Gene: Madiba_7 Start: 5006, Stop: 5914, Start Num: 16

Candidate Starts for Madiba_7:

(Start: 16 @5006 has 377 MA's), (31, 5096), (32, 5099), (38, 5123), (50, 5180), (54, 5210), (72, 5294), (98, 5411), (131, 5543), (141, 5585), (183, 5702), (184, 5705), (190, 5750), (197, 5804), (201, 5819), (207, 5840),

Gene: MaeLinda_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for MaeLinda_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Magnar_15 Start: 11308, Stop: 12309, Start Num: 4

Candidate Starts for Magnar_15:

(Start: 4 @11308 has 190 MA's), (48, 11518), (70, 11638), (76, 11659), (94, 11734), (105, 11794), (125, 11878), (130, 11896), (151, 11980), (191, 12157), (194, 12196), (196, 12202), (216, 12286),

Gene: Magnito_14 Start: 11060, Stop: 12073, Start Num: 4

Candidate Starts for Magnito_14:

(Start: 4 @11060 has 190 MA's), (34, 11204), (46, 11255), (48, 11270), (70, 11390), (76, 11411), (94, 11486), (105, 11546), (116, 11597), (130, 11648), (151, 11732), (190, 11903), (191, 11909), (196, 11966), (207, 12017),

Gene: Makemake_15 Start: 12792, Stop: 13802, Start Num: 4

Candidate Starts for Makemake_15:

(Start: 4 @12792 has 190 MA's), (34, 12936), (46, 12987), (48, 13002), (70, 13122), (76, 13143), (94, 13218), (105, 13278), (116, 13329), (125, 13362), (130, 13380), (151, 13464), (190, 13635), (191, 13641), (196, 13695),

Gene: Malisha_7 Start: 5938, Stop: 6879, Start Num: 17

Candidate Starts for Malisha_7:

(Start: 17 @5938 has 99 MA's), (43, 6073), (60, 6175), (82, 6250), (161, 6577), (163, 6583), (167, 6595), (170, 6607), (181, 6670), (187, 6712), (209, 6829), (213, 6850),

Gene: Malthus_14 Start: 9084, Stop: 10013, Start Num: 16

Candidate Starts for Malthus_14:

(Start: 16 @9084 has 377 MA's), (31, 9174), (37, 9195), (38, 9201), (44, 9228), (54, 9288), (79, 9390), (81, 9396), (94, 9456), (101, 9504), (105, 9516), (120, 9573), (135, 9636), (141, 9663), (178, 9756), (187, 9810), (190, 9828), (197, 9894), (207, 9930), (212, 9954),

Gene: ManRay_6 Start: 4722, Stop: 5648, Start Num: 16

Candidate Starts for ManRay_6:

(Start: 16 @4722 has 377 MA's), (38, 4839), (42, 4860), (50, 4896), (67, 4989), (69, 4995), (70, 5001), (89, 5061), (101, 5145), (133, 5259), (169, 5385), (185, 5451), (197, 5535), (205, 5562), (227, 5637),

Gene: Manatee_16 Start: 11592, Stop: 12593, Start Num: 4

Candidate Starts for Manatee_16:

(Start: 4 @11592 has 190 MA's), (34, 11736), (46, 11787), (48, 11802), (70, 11922), (76, 11943), (94, 12018), (105, 12078), (130, 12180), (151, 12264), (182, 12384), (191, 12441), (194, 12480), (196, 12486), (207, 12537),

Gene: Mandalorian_6 Start: 5021, Stop: 5977, Start Num: 16

Candidate Starts for Mandalorian_6:

(Start: 16 @5021 has 377 MA's), (38, 5138), (39, 5150), (42, 5159), (44, 5165), (50, 5195), (94, 5396), (101, 5444), (127, 5543), (170, 5702), (180, 5735), (183, 5744), (197, 5846), (198, 5849),

Gene: Marcell_15 Start: 11521, Stop: 12540, Start Num: 4

Candidate Starts for Marcell_15:

(Start: 4 @11521 has 190 MA's), (46, 11716), (48, 11731), (51, 11746), (63, 11818), (70, 11851), (76, 11872), (94, 11947), (105, 12007), (151, 12193), (190, 12364), (191, 12370), (196, 12427), (203, 12463),

Gene: Marchy_13 Start: 11148, Stop: 12152, Start Num: 4

Candidate Starts for Marchy_13:

(Start: 4 @11148 has 190 MA's), (34, 11292), (36, 11301), (46, 11343), (48, 11358), (70, 11478), (76, 11499), (94, 11574), (105, 11634), (130, 11736), (151, 11820), (156, 11850), (182, 11940), (190, 11991), (191, 11997), (196, 12045),

Gene: Marcoliusprime_9 Start: 5947, Stop: 6864, Start Num: 16

Candidate Starts for Marcoliusprime_9:

(Start: 16 @5947 has 377 MA's), (37, 6058), (38, 6064), (44, 6091), (70, 6223), (79, 6253), (81, 6259), (105, 6379), (151, 6559), (185, 6661), (197, 6757), (207, 6793), (210, 6802), (224, 6847),

Gene: Margaret_11 Start: 6145, Stop: 7074, Start Num: 8

Candidate Starts for Margaret_11:

(Start: 8 @6145 has 6 MA's), (24, 6211), (44, 6307), (49, 6334), (66, 6430), (68, 6439), (71, 6445), (87, 6484), (94, 6520), (103, 6568), (154, 6775), (164, 6811), (201, 6997),

Gene: Marge_16 Start: 12044, Stop: 13048, Start Num: 4

Candidate Starts for Marge_16:

(Start: 4 @12044 has 190 MA's), (34, 12188), (36, 12197), (46, 12239), (48, 12254), (70, 12374), (76, 12395), (94, 12470), (105, 12530), (125, 12614), (130, 12632), (151, 12716), (156, 12746), (182, 12836), (190, 12887), (191, 12893), (196, 12941), (216, 13025),

Gene: MarkPhew_12 Start: 6704, Stop: 7627, Start Num: 16

Candidate Starts for MarkPhew_12:

(Start: 16 @6704 has 377 MA's), (37, 6815), (38, 6821), (44, 6848), (67, 6968), (70, 6980), (72, 6992), (95, 7079), (98, 7109), (128, 7229), (187, 7430), (190, 7448), (197, 7514), (198, 7517), (207, 7550), (210, 7559), (212, 7574),

Gene: Marker_7 Start: 5006, Stop: 5914, Start Num: 16

Candidate Starts for Marker_7:

(Start: 16 @5006 has 377 MA's), (31, 5096), (32, 5099), (38, 5123), (50, 5180), (54, 5210), (72, 5294), (98, 5411), (131, 5543), (141, 5585), (183, 5702), (184, 5705), (190, 5750), (197, 5804), (201, 5819), (207, 5840),

Gene: Marmie_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Marmie_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Maroc7_14 Start: 11333, Stop: 12334, Start Num: 4

Candidate Starts for Maroc7_14:

(Start: 4 @11333 has 190 MA's), (48, 11543), (70, 11663), (76, 11684), (94, 11759), (105, 11819), (125, 11903), (130, 11921), (151, 12005), (191, 12182), (194, 12221), (196, 12227), (216, 12311),

Gene: Marsha_15 Start: 11777, Stop: 12796, Start Num: 4

Candidate Starts for Marsha_15:

(Start: 4 @11777 has 190 MA's), (46, 11972), (48, 11987), (63, 12074), (70, 12107), (76, 12128), (94, 12203), (105, 12263), (151, 12449), (190, 12620), (191, 12626), (196, 12683), (203, 12719),

Gene: Marshawn_14 Start: 7351, Stop: 8274, Start Num: 16

Candidate Starts for Marshawn_14:

(Start: 16 @7351 has 377 MA's), (31, 7441), (37, 7462), (38, 7468), (44, 7495), (67, 7615), (70, 7627), (72, 7639), (95, 7726), (98, 7756), (180, 8038), (187, 8077), (190, 8095), (197, 8161), (198, 8164), (207, 8197), (210, 8206), (212, 8221),

Gene: Martin_7 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Martin_7:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: MaryBeth_15 Start: 11755, Stop: 12756, Start Num: 4

Candidate Starts for MaryBeth_15:

(Start: 4 @11755 has 190 MA's), (34, 11899), (46, 11950), (48, 11965), (70, 12085), (76, 12106), (94, 12181), (105, 12241), (130, 12343), (151, 12427), (182, 12547), (191, 12604), (194, 12643), (196, 12649), (207, 12700),

Gene: Mayweather_9 Start: 5712, Stop: 6671, Start Num: 3

Candidate Starts for Mayweather_9:

(Start: 3 @5712 has 32 MA's), (Start: 17 @5763 has 99 MA's), (24, 5802), (57, 5979), (66, 6021), (68, 6030), (87, 6075), (103, 6159), (126, 6255), (140, 6312), (154, 6366), (164, 6402), (209, 6615), (212, 6633),

Gene: McGalleon_7 Start: 5422, Stop: 6414, Start Num: 16

Candidate Starts for McGalleon_7:

(Start: 16 @5422 has 377 MA's), (38, 5539), (50, 5596), (54, 5629), (66, 5683), (70, 5701), (132, 5971), (183, 6151), (186, 6172), (189, 6193), (197, 6265), (198, 6268), (205, 6292), (232, 6409),

Gene: McGuire_16 Start: 11638, Stop: 12636, Start Num: 4

Candidate Starts for McGuire_16:

(Start: 4 @11638 has 190 MA's), (34, 11782), (46, 11833), (48, 11848), (70, 11968), (76, 11989), (94, 12064), (105, 12124), (125, 12208), (130, 12226), (151, 12310), (182, 12430), (191, 12487), (194, 12526), (196, 12532),

Gene: Mdavu_9 Start: 7213, Stop: 8133, Start Num: 16

Candidate Starts for Mdavu_9:

(Start: 16 @7213 has 377 MA's), (38, 7330), (44, 7357), (53, 7408), (67, 7477), (70, 7489), (81, 7525), (109, 7663), (112, 7672), (120, 7702), (144, 7801), (178, 7885), (182, 7906), (185, 7927), (187, 7939), (197, 8023), (207, 8059), (223, 8110), (224, 8113),

Gene: MeaningOfLife_13 Start: 7904, Stop: 8842, Start Num: 16

Candidate Starts for MeaningOfLife_13:

(Start: 16 @7904 has 377 MA's), (31, 7994), (38, 8021), (67, 8168), (70, 8180), (72, 8192), (95, 8279), (112, 8363), (120, 8393), (180, 8591), (187, 8630), (197, 8714), (198, 8717), (207, 8750), (212, 8774), (227, 8816),

Gene: Megsy_13 Start: 7901, Stop: 8836, Start Num: 16

Candidate Starts for Megsy_13:

(Start: 16 @7901 has 377 MA's), (31, 7991), (38, 8018), (67, 8165), (70, 8177), (72, 8189), (95, 8276), (120, 8390), (180, 8588), (187, 8627), (190, 8645), (197, 8711), (198, 8714), (207, 8747), (212, 8771), (227, 8813),

Gene: Mercedes_7 Start: 4939, Stop: 5892, Start Num: 16

Candidate Starts for Mercedes_7:

(Start: 16 @4939 has 377 MA's), (37, 5050), (38, 5056), (42, 5077), (44, 5083), (50, 5113), (59, 5164), (85, 5266), (108, 5389), (127, 5467), (181, 5662), (185, 5686), (197, 5770), (198, 5773),

Gene: Mercurio_8 Start: 6915, Stop: 7841, Start Num: 17

Candidate Starts for Mercurio_8:

(Start: 17 @6915 has 99 MA's), (26, 6972), (27, 6975), (29, 6987), (31, 7002), (50, 7086), (56, 7134), (64, 7167), (77, 7218), (111, 7356), (134, 7455), (157, 7548), (170, 7590), (183, 7650), (212, 7815), (222, 7833),

Gene: MetalQZJ_15 Start: 11755, Stop: 12756, Start Num: 4

Candidate Starts for MetalQZJ_15:

(Start: 4 @11755 has 190 MA's), (34, 11899), (46, 11950), (48, 11965), (70, 12085), (76, 12106), (94, 12181), (105, 12241), (130, 12343), (151, 12427), (182, 12547), (191, 12604), (194, 12643), (196, 12649), (207, 12700),

Gene: Michley_15 Start: 11502, Stop: 12503, Start Num: 4

Candidate Starts for Michley_15:

(Start: 4 @11502 has 190 MA's), (34, 11646), (46, 11697), (48, 11712), (70, 11832), (76, 11853), (94, 11928), (105, 11988), (125, 12072), (130, 12090), (151, 12174), (182, 12294), (191, 12351), (194, 12390), (196, 12396), (216, 12480),

Gene: Milly_9 Start: 5947, Stop: 6864, Start Num: 16

Candidate Starts for Milly_9:

(Start: 16 @5947 has 377 MA's), (37, 6058), (38, 6064), (44, 6091), (59, 6169), (70, 6223), (79, 6253), (81, 6259), (105, 6379), (151, 6559), (185, 6661), (197, 6757), (207, 6793), (210, 6802), (224, 6847),

Gene: MillyPhilly_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for MillyPhilly_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Miryou_11 Start: 7954, Stop: 8886, Start Num: 16

Candidate Starts for Miryou_11:

(Start: 16 @7954 has 377 MA's), (38, 8071), (44, 8098), (54, 8158), (62, 8194), (64, 8200), (81, 8266), (95, 8329), (98, 8359), (135, 8506), (197, 8764), (198, 8767), (207, 8800), (212, 8824),

Gene: Misha28_7 Start: 5011, Stop: 5919, Start Num: 16

Candidate Starts for Misha28_7:

(Start: 16 @5011 has 377 MA's), (31, 5101), (32, 5104), (38, 5128), (50, 5185), (54, 5215), (72, 5299), (94, 5383), (98, 5416), (131, 5548), (141, 5590), (183, 5707), (184, 5710), (190, 5755), (197, 5809), (201, 5824), (207, 5845),

Gene: MissDaisy_14 Start: 8950, Stop: 9879, Start Num: 16

Candidate Starts for MissDaisy_14:

(Start: 16 @8950 has 377 MA's), (31, 9040), (37, 9061), (38, 9067), (44, 9094), (54, 9154), (79, 9256), (81, 9262), (105, 9382), (120, 9439), (141, 9529), (178, 9622), (187, 9676), (190, 9694), (197, 9760), (212, 9820),

Gene: Mitti_14 Start: 9088, Stop: 10017, Start Num: 16

Candidate Starts for Mitti_14:

(Start: 16 @9088 has 377 MA's), (31, 9178), (37, 9199), (38, 9205), (44, 9232), (54, 9292), (79, 9394), (81, 9400), (94, 9460), (105, 9520), (120, 9577), (135, 9640), (141, 9667), (178, 9760), (187, 9814), (190, 9832), (197, 9898), (212, 9958),

Gene: Molly_16 Start: 11363, Stop: 12364, Start Num: 4

Candidate Starts for Molly_16:

(Start: 4 @11363 has 190 MA's), (48, 11573), (70, 11693), (76, 11714), (94, 11789), (105, 11849), (125, 11933), (130, 11951), (151, 12035), (191, 12212), (194, 12251), (196, 12257), (216, 12341),

Gene: MonChoix_6 Start: 4728, Stop: 5654, Start Num: 16

Candidate Starts for MonChoix_6:

(Start: 16 @4728 has 377 MA's), (38, 4845), (42, 4866), (50, 4902), (67, 4995), (69, 5001), (70, 5007), (89, 5067), (101, 5151), (169, 5391), (185, 5457), (197, 5541), (205, 5568), (227, 5643),

Gene: Monet_17 Start: 12561, Stop: 13577, Start Num: 4

Candidate Starts for Monet_17:

(Start: 4 @12561 has 190 MA's), (46, 12756), (48, 12771), (70, 12891), (76, 12912), (94, 12987), (105, 13047), (151, 13233), (190, 13404), (191, 13410), (196, 13467), (203, 13503),

Gene: Moose_14 Start: 11595, Stop: 12593, Start Num: 4

Candidate Starts for Moose_14:

(Start: 4 @11595 has 190 MA's), (34, 11739), (46, 11790), (48, 11805), (70, 11925), (76, 11946), (94, 12021), (105, 12081), (130, 12183), (151, 12267), (182, 12387), (191, 12444), (194, 12483), (196, 12489),

Gene: Morkie_6 Start: 4456, Stop: 5358, Start Num: 17

Candidate Starts for Morkie_6:

(Start: 17 @4456 has 99 MA's), (26, 4513), (38, 4570), (56, 4675), (64, 4708), (111, 4897), (113, 4903), (155, 5074), (179, 5155), (209, 5314),

Gene: Morrigan_8 Start: 6094, Stop: 7047, Start Num: 16

Candidate Starts for Morrigan_8:

(Start: 16 @6094 has 377 MA's), (37, 6205), (38, 6211), (42, 6232), (44, 6238), (50, 6268), (89, 6433), (94, 6469), (109, 6547), (127, 6622), (181, 6817), (186, 6844), (189, 6865), (197, 6925), (198, 6928), (223, 7018),

Gene: Mova_7 Start: 5009, Stop: 5917, Start Num: 16

Candidate Starts for Mova_7:

(Start: 16 @5009 has 377 MA's), (31, 5099), (32, 5102), (38, 5126), (50, 5183), (54, 5213), (72, 5297), (98, 5414), (131, 5546), (141, 5588), (183, 5705), (184, 5708), (190, 5753), (197, 5807), (201, 5822), (207, 5843),

Gene: Mowgli_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Mowgli_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Moyashi_6 Start: 4638, Stop: 5609, Start Num: 14

Candidate Starts for Moyashi_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (61, 4884), (68, 4914), (78, 4947), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (199, 5478), (204, 5496), (214, 5538),

Gene: Mozy_7 Start: 5004, Stop: 5912, Start Num: 16

Candidate Starts for Mozy_7:

(Start: 16 @5004 has 377 MA's), (37, 5115), (38, 5121), (50, 5178), (54, 5208), (72, 5292), (94, 5376), (98, 5409), (127, 5523), (131, 5541), (183, 5700), (184, 5703), (185, 5718), (190, 5748), (192, 5772), (197, 5802),

Gene: MrAK_6 Start: 4647, Stop: 5618, Start Num: 14

Candidate Starts for MrAK_6:

(Start: 14 @4647 has 40 MA's), (24, 4695), (31, 4737), (44, 4791), (61, 4893), (68, 4923), (78, 4956), (93, 5004), (104, 5067), (129, 5160), (136, 5184), (146, 5220), (151, 5256), (175, 5343), (199, 5487), (204, 5505), (206, 5514), (214, 5547),

Gene: MrGordo_15 Start: 11315, Stop: 12316, Start Num: 4

Candidate Starts for MrGordo_15:

(Start: 4 @11315 has 190 MA's), (34, 11459), (46, 11510), (48, 11525), (70, 11645), (76, 11666), (94, 11741), (105, 11801), (130, 11903), (151, 11987), (182, 12107), (191, 12164), (194, 12203), (196, 12209), (216, 12293),

Gene: MrSmee_6 Start: 4404, Stop: 5294, Start Num: 17

Candidate Starts for MrSmee_6:

(Start: 17 @4404 has 99 MA's), (38, 4515), (102, 4806), (107, 4821), (131, 4911), (145, 4962), (170, 5058), (183, 5106), (216, 5280),

Gene: MrWorldwide_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for MrWorldwide_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Mryolo_14 Start: 11346, Stop: 12350, Start Num: 4

Candidate Starts for Mryolo_14:

(Start: 4 @11346 has 190 MA's), (34, 11490), (36, 11499), (46, 11541), (48, 11556), (70, 11676), (76, 11697), (94, 11772), (105, 11832), (130, 11934), (151, 12018), (156, 12048), (182, 12138), (190, 12189), (191, 12195), (196, 12243),

Gene: Muddy_9 Start: 6658, Stop: 7647, Start Num: 12

Candidate Starts for Muddy_9:

(Start: 12 @6658 has 4 MA's), (26, 6733), (37, 6784), (38, 6790), (50, 6847), (63, 6904), (69, 6931), (93, 7021), (118, 7138), (120, 7144), (143, 7228), (174, 7348), (186, 7399), (196, 7486), (211, 7549),

Gene: Mufasa_9 Start: 5933, Stop: 6850, Start Num: 16

Candidate Starts for Mufasa_9:

(Start: 16 @5933 has 377 MA's), (37, 6044), (38, 6050), (44, 6077), (59, 6155), (70, 6209), (79, 6239), (81, 6245), (105, 6365), (151, 6545), (182, 6626), (185, 6647), (187, 6659), (197, 6743), (207, 6779), (210, 6788), (224, 6833),

Gene: Mule_15 Start: 11631, Stop: 12638, Start Num: 4

Candidate Starts for Mule_15:

(Start: 4 @11631 has 190 MA's), (34, 11775), (36, 11784), (46, 11826), (48, 11841), (70, 11961), (76, 11982), (94, 12057), (105, 12117), (130, 12219), (151, 12303), (156, 12333), (190, 12474), (191, 12480), (196, 12528),

Gene: MunkgeeRoachy_9 Start: 5428, Stop: 6399, Start Num: 3

Candidate Starts for MunkgeeRoachy_9:

(Start: 3 @5428 has 32 MA's), (6, 5443), (Start: 17 @5479 has 99 MA's), (41, 5608), (87, 5794), (94, 5830), (115, 5932), (154, 6085), (173, 6151), (201, 6307), (212, 6352),

Gene: Murucutumbu_13 Start: 7891, Stop: 8826, Start Num: 16

Candidate Starts for Murucutumbu_13:

(Start: 16 @7891 has 377 MA's), (31, 7981), (38, 8008), (59, 8113), (67, 8155), (70, 8167), (72, 8179), (95, 8266), (120, 8380), (180, 8578), (187, 8617), (190, 8635), (197, 8701), (198, 8704), (207, 8737), (212, 8761), (227, 8803),

Gene: Museum_17 Start: 11649, Stop: 12650, Start Num: 4

Candidate Starts for Museum_17:

(Start: 4 @11649 has 190 MA's), (48, 11859), (70, 11979), (76, 12000), (94, 12075), (105, 12135), (130, 12237), (151, 12321), (182, 12441), (191, 12498), (194, 12540), (196, 12546),

Gene: Mynx_13 Start: 7954, Stop: 8889, Start Num: 16

Candidate Starts for Mynx_13:

(Start: 16 @7954 has 377 MA's), (31, 8044), (38, 8071), (67, 8218), (70, 8230), (72, 8242), (95, 8329), (112, 8413), (120, 8443), (180, 8641), (187, 8680), (197, 8764), (198, 8767), (207, 8800), (212, 8824), (227, 8866),

Gene: NEHalo_15 Start: 11157, Stop: 12161, Start Num: 4

Candidate Starts for NEHalo_15:

(Start: 4 @11157 has 190 MA's), (34, 11301), (46, 11352), (48, 11367), (70, 11487), (76, 11508), (94, 11583), (105, 11643), (130, 11745), (151, 11829), (182, 11949), (191, 12006), (194, 12045), (196, 12051),

Gene: Nagem_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Nagem_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Naira_16 Start: 12897, Stop: 13913, Start Num: 4

Candidate Starts for Naira_16:

(Start: 4 @12897 has 190 MA's), (46, 13092), (48, 13107), (51, 13122), (63, 13194), (70, 13227), (76, 13248), (94, 13323), (105, 13383), (151, 13569), (190, 13740), (191, 13746), (196, 13803),

Gene: Nattles_6 Start: 4713, Stop: 5639, Start Num: 15

Candidate Starts for Nattles_6:

(Start: 15 @4713 has 17 MA's), (38, 4830), (42, 4851), (50, 4887), (67, 4980), (69, 4986), (70, 4992), (89, 5052), (101, 5136), (133, 5250), (169, 5376), (185, 5442), (197, 5526), (205, 5553), (227, 5628),

Gene: Nebulous_8 Start: 5916, Stop: 6893, Start Num: 16

Candidate Starts for Nebulous_8:

(Start: 16 @5916 has 377 MA's), (27, 5979), (31, 6006), (37, 6027), (38, 6033), (42, 6054), (89, 6255), (110, 6372), (113, 6381), (127, 6444), (135, 6477), (149, 6525), (179, 6630), (183, 6645), (185, 6663), (197, 6747), (198, 6750), (205, 6774),

Gene: Neferthema_8 Start: 5927, Stop: 6904, Start Num: 16

Candidate Starts for Neferthema_8:

(Start: 16 @5927 has 377 MA's), (31, 6017), (37, 6038), (38, 6044), (42, 6065), (89, 6266), (94, 6302), (110, 6383), (127, 6455), (135, 6488), (149, 6536), (179, 6641), (183, 6656), (185, 6674), (197, 6758), (198, 6761), (205, 6785), (230, 6872),

Gene: Nerujay_16 Start: 12052, Stop: 13062, Start Num: 4

Candidate Starts for Nerujay_16:

(Start: 4 @12052 has 190 MA's), (34, 12196), (46, 12247), (48, 12262), (70, 12382), (76, 12403), (94, 12478), (105, 12538), (116, 12589), (125, 12622), (130, 12640), (151, 12724), (190, 12895), (191, 12901), (196, 12955),

Gene: Nhonho_15 Start: 11502, Stop: 12521, Start Num: 4

Candidate Starts for Nhonho_15:

(Start: 4 @11502 has 190 MA's), (46, 11697), (48, 11712), (70, 11832), (76, 11853), (94, 11928), (105, 11988), (151, 12174), (190, 12345), (191, 12351), (196, 12408), (203, 12444),

Gene: Nibb_12 Start: 6846, Stop: 7769, Start Num: 16

Candidate Starts for Nibb_12:

(Start: 16 @6846 has 377 MA's), (31, 6936), (37, 6957), (38, 6963), (44, 6990), (67, 7110), (70, 7122), (72, 7134), (95, 7221), (98, 7251), (120, 7335), (128, 7371), (187, 7572), (190, 7590), (197, 7656), (198, 7659), (207, 7692), (210, 7701), (212, 7716),

Gene: Nibbles_10 Start: 6293, Stop: 7219, Start Num: 10

Candidate Starts for Nibbles_10:

(Start: 10 @6293 has 8 MA's), (38, 6428), (58, 6539), (66, 6578), (77, 6608), (87, 6632), (94, 6668), (103, 6716), (110, 6743), (124, 6806), (125, 6809), (126, 6812), (154, 6923), (164, 6959), (170, 6977), (173, 6989), (188, 7058), (190, 7073), (200, 7142), (209, 7172),

Gene: NickSell_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for NickSell_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Nikao_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for Nikao_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: Niklas_13 Start: 7012, Stop: 7941, Start Num: 16

Candidate Starts for Niklas_13:

(Start: 16 @7012 has 377 MA's), (31, 7102), (38, 7129), (44, 7156), (67, 7276), (70, 7288), (95, 7387), (112, 7471), (180, 7699), (187, 7738), (190, 7756), (197, 7822), (198, 7825), (212, 7882),

Gene: Nina_9 Start: 6414, Stop: 7385, Start Num: 3

Candidate Starts for Nina_9:

(Start: 3 @6414 has 32 MA's), (6, 6429), (Start: 17 @6465 has 99 MA's), (41, 6594), (87, 6780), (94, 6816), (111, 6894), (115, 6918), (154, 7071), (173, 7137), (201, 7293), (212, 7338),

Gene: Niza_17 Start: 12668, Stop: 13666, Start Num: 4

Candidate Starts for Niza_17:

(Start: 4 @12668 has 190 MA's), (34, 12812), (46, 12863), (48, 12878), (70, 12998), (76, 13019), (94, 13094), (105, 13154), (130, 13256), (151, 13340), (182, 13460), (191, 13517), (194, 13556), (196, 13562),

Gene: NoShow_7 Start: 5701, Stop: 6669, Start Num: 12

Candidate Starts for NoShow_7:

(Start: 12 @5701 has 4 MA's), (23, 5752), (31, 5809), (32, 5812), (37, 5830), (38, 5836), (40, 5851), (50, 5893), (63, 5950), (69, 5977), (73, 5998), (90, 6046), (118, 6184), (127, 6211), (132, 6232), (174, 6394), (180, 6415), (196, 6532), (202, 6562),

Gene: Nodigi_10 Start: 6436, Stop: 7365, Start Num: 8

Candidate Starts for Nodigi_10:

(Start: 8 @6436 has 6 MA's), (24, 6502), (34, 6553), (41, 6589), (44, 6598), (66, 6721), (68, 6730), (71, 6736), (87, 6775), (103, 6859), (120, 6928), (154, 7066), (164, 7102), (165, 7105), (201, 7288), (212, 7333), (213, 7336),

Gene: Norz_17 Start: 12304, Stop: 13302, Start Num: 4

Candidate Starts for Norz_17:

(Start: 4 @12304 has 190 MA's), (34, 12448), (46, 12499), (48, 12514), (70, 12634), (76, 12655), (94, 12730), (105, 12790), (130, 12892), (151, 12976), (182, 13096), (191, 13153), (194, 13192), (196, 13198),

Gene: Nucci_6 Start: 5009, Stop: 5965, Start Num: 16

Candidate Starts for Nucci_6:

(Start: 16 @5009 has 377 MA's), (38, 5126), (39, 5138), (42, 5147), (44, 5153), (50, 5183), (94, 5384), (101, 5432), (127, 5531), (170, 5690), (180, 5723), (183, 5732), (197, 5834), (198, 5837),

Gene: Nutello_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for Nutello_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: ODay_7 Start: 4919, Stop: 5860, Start Num: 17

Candidate Starts for ODay_7:

(Start: 17 @4919 has 99 MA's), (43, 5054), (56, 5135), (60, 5156), (82, 5231), (111, 5357), (161, 5558), (167, 5576), (176, 5609), (187, 5693), (213, 5831),

Gene: Oats_6 Start: 4722, Stop: 5648, Start Num: 16

Candidate Starts for Oats_6:

(Start: 16 @4722 has 377 MA's), (38, 4839), (42, 4860), (50, 4896), (67, 4989), (69, 4995), (70, 5001), (89, 5061), (101, 5145), (133, 5259), (169, 5385), (185, 5451), (197, 5535), (205, 5562), (227, 5637),

Gene: OctaviousRex_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for OctaviousRex_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Ogoopogo_8 Start: 5135, Stop: 6073, Start Num: 17

Candidate Starts for Ogoopogo_8:

(Start: 17 @5135 has 99 MA's), (19, 5144), (25, 5180), (43, 5270), (56, 5351), (60, 5372), (82, 5447), (110, 5570), (161, 5774), (167, 5792), (176, 5825), (187, 5909), (204, 6008), (213, 6047),

Gene: Ohno789_15 Start: 11447, Stop: 12454, Start Num: 4

Candidate Starts for Ohno789_15:

(Start: 4 @11447 has 190 MA's), (48, 11657), (70, 11777), (76, 11798), (94, 11873), (117, 11987), (125, 12017), (130, 12035), (151, 12119), (191, 12296), (196, 12344),

Gene: OkiRoe_11 Start: 7955, Stop: 8887, Start Num: 16

Candidate Starts for OkiRoe_11:

(Start: 16 @7955 has 377 MA's), (38, 8072), (44, 8099), (54, 8159), (62, 8195), (64, 8201), (81, 8267), (95, 8330), (98, 8360), (135, 8507), (197, 8765), (198, 8768), (207, 8801), (212, 8825),

Gene: Oksu_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Oksu_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: OldNelly_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for OldNelly_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Olga_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Olga_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: OmniCritical_14 Start: 9075, Stop: 10004, Start Num: 16

Candidate Starts for OmniCritical_14:

(Start: 16 @9075 has 377 MA's), (31, 9165), (37, 9186), (38, 9192), (44, 9219), (54, 9279), (79, 9381), (81, 9387), (94, 9447), (105, 9507), (120, 9564), (135, 9627), (141, 9654), (178, 9747), (187, 9801), (190, 9819), (197, 9885), (212, 9945),

Gene: Omnicron_11 Start: 6973, Stop: 7905, Start Num: 16

Candidate Starts for Omnicron_11:

(Start: 16 @6973 has 377 MA's), (38, 7090), (44, 7117), (54, 7177), (62, 7213), (64, 7219), (70, 7249), (81, 7285), (95, 7348), (100, 7390), (120, 7462), (135, 7525), (137, 7534), (185, 7687), (197, 7783), (198, 7786), (207, 7819), (212, 7843), (225, 7876),

Gene: Oogway_14 Start: 11576, Stop: 12577, Start Num: 4

Candidate Starts for Oogway_14:

(Start: 4 @11576 has 190 MA's), (34, 11720), (46, 11771), (48, 11786), (70, 11906), (76, 11927), (94, 12002), (105, 12062), (125, 12146), (130, 12164), (151, 12248), (182, 12368), (191, 12425), (194, 12464), (196, 12470),

Gene: Orla_10 Start: 6434, Stop: 7372, Start Num: 7

Candidate Starts for Orla_10:

(Start: 7 @6434 has 2 MA's), (9, 6440), (24, 6506), (41, 6593), (44, 6602), (66, 6725), (68, 6734), (71, 6740), (87, 6779), (94, 6815), (103, 6863), (111, 6893), (154, 7070), (164, 7106), (165, 7109), (201, 7292), (212, 7337),

Gene: Oscar_12 Start: 6806, Stop: 7729, Start Num: 16

Candidate Starts for Oscar_12:

(Start: 16 @6806 has 377 MA's), (37, 6917), (38, 6923), (44, 6950), (67, 7070), (70, 7082), (72, 7094), (95, 7181), (98, 7211), (101, 7226), (109, 7256), (120, 7295), (128, 7331), (187, 7532), (197, 7616), (198, 7619), (207, 7652), (212, 7676),

Gene: Ouroboros_6 Start: 4645, Stop: 5592, Start Num: 14

Candidate Starts for Ouroboros_6:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (26, 4705), (30, 4732), (44, 4789), (61, 4891), (65, 4906), (68, 4921), (77, 4951), (104, 5065), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (163, 5299), (175, 5341), (195, 5464), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: OwlsT2W_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for OwlsT2W_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Oxtober96_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Oxtober96_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: P1.1_6 Start: 4645, Stop: 5592, Start Num: 14

Candidate Starts for P1.1_6:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (44, 4789), (61, 4891), (68, 4921), (78, 4954), (102, 5059), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: P100.1_6 Start: 4638, Stop: 5582, Start Num: 14

Candidate Starts for P100.1_6:

(Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (213, 5535), (214, 5538),

Gene: P100A_6 Start: 4656, Stop: 5603, Start Num: 14

Candidate Starts for P100A_6:

(Start: 14 @4656 has 40 MA's), (24, 4704), (30, 4743), (54, 4863), (61, 4902), (68, 4932), (77, 4962), (93, 5013), (104, 5076), (129, 5169), (150, 5250), (151, 5265), (175, 5352), (199, 5496), (204, 5514), (206, 5523), (214, 5556),

Gene: P100D_6 Start: 4639, Stop: 5586, Start Num: 14

Candidate Starts for P100D_6:

(Start: 13 @4636 has 3 MA's), (Start: 14 @4639 has 40 MA's), (24, 4687), (31, 4729), (34, 4738), (44, 4783), (61, 4885), (68, 4915), (78, 4948), (93, 4996), (102, 5053), (129, 5152), (136, 5176), (146, 5212), (151, 5248), (156, 5275), (175, 5335), (183, 5365), (199, 5479), (204, 5497), (206, 5506), (214, 5539),

Gene: P101A_6 Start: 4638, Stop: 5585, Start Num: 14

Candidate Starts for P101A_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: P104A_6 Start: 4636, Stop: 5583, Start Num: 14

Candidate Starts for P104A_6:

(Start: 14 @4636 has 40 MA's), (24, 4684), (31, 4726), (40, 4768), (44, 4780), (61, 4882), (68, 4912), (77, 4942), (93, 4993), (129, 5149), (136, 5173), (146, 5209), (151, 5245), (156, 5272), (175, 5332), (183, 5362), (195, 5455), (199, 5476), (206, 5503), (214, 5536),

Gene: P104B_6 Start: 4637, Stop: 5587, Start Num: 13

Candidate Starts for P104B_6:

(Start: 13 @4637 has 3 MA's), (Start: 14 @4640 has 40 MA's), (24, 4688), (31, 4730), (44, 4784), (61, 4886), (68, 4916), (77, 4946), (93, 4997), (102, 5054), (129, 5153), (136, 5177), (146, 5213), (151, 5249), (156, 5276), (163, 5294), (175, 5336), (199, 5480), (204, 5498), (206, 5507), (214, 5540),

Gene: P105_6 Start: 4630, Stop: 5577, Start Num: 14

Candidate Starts for P105_6:

(Start: 13 @4627 has 3 MA's), (Start: 14 @4630 has 40 MA's), (24, 4678), (31, 4720), (40, 4762), (44, 4774), (61, 4876), (68, 4906), (78, 4939), (93, 4987), (104, 5050), (129, 5143), (136, 5167), (146, 5203), (151, 5239), (156, 5266), (175, 5326), (183, 5356), (199, 5470), (206, 5497), (214, 5530),

Gene: P106A_6 Start: 4638, Stop: 5609, Start Num: 14

Candidate Starts for P106A_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (44, 4782), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: P106C_6 Start: 4638, Stop: 5609, Start Num: 14

Candidate Starts for P106C_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (44, 4782), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: P106I_6 Start: 4638, Stop: 5609, Start Num: 14

Candidate Starts for P106I_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (44, 4782), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: P106L_6 Start: 4638, Stop: 5609, Start Num: 14

Candidate Starts for P106L_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (44, 4782), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: P106M_6 Start: 4638, Stop: 5609, Start Num: 14

Candidate Starts for P106M_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (44, 4782), (61, 4884), (68, 4914), (78, 4947), (88, 4971), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (175, 5334), (195, 5457), (199, 5478), (204, 5496), (214, 5538),

Gene: P107A_6 Start: 4648, Stop: 5595, Start Num: 14

Candidate Starts for P107A_6:

(Start: 14 @4648 has 40 MA's), (24, 4696), (30, 4735), (40, 4780), (47, 4804), (54, 4855), (61, 4894), (68, 4924), (77, 4954), (93, 5005), (104, 5068), (129, 5161), (136, 5185), (151, 5257), (175, 5344), (179, 5362), (195, 5467), (199, 5488), (206, 5515),

Gene: P107C_6 Start: 4644, Stop: 5591, Start Num: 14

Candidate Starts for P107C_6:

(Start: 14 @4644 has 40 MA's), (24, 4692), (31, 4734), (40, 4776), (44, 4788), (60, 4887), (61, 4890), (68, 4920), (77, 4950), (129, 5157), (136, 5181), (146, 5217), (151, 5253), (156, 5280), (163, 5298), (175, 5340), (199, 5484), (206, 5511), (214, 5544),

Gene: P108C_6 Start: 4648, Stop: 5595, Start Num: 14

Candidate Starts for P108C_6:

(Start: 14 @4648 has 40 MA's), (24, 4696), (26, 4708), (30, 4735), (44, 4792), (54, 4855), (61, 4894), (68, 4924), (77, 4954), (93, 5005), (104, 5068), (129, 5161), (136, 5185), (146, 5221), (151, 5257), (163, 5302), (175, 5344), (179, 5362), (199, 5488), (204, 5506), (206, 5515), (214, 5548),

Gene: P14.4_6 Start: 4638, Stop: 5585, Start Num: 14

Candidate Starts for P14.4_6:

(Start: 13 @4635 has 3 MA's), (Start: 14 @4638 has 40 MA's), (24, 4686), (31, 4728), (44, 4782), (61, 4884), (68, 4914), (78, 4947), (93, 4995), (104, 5058), (129, 5151), (136, 5175), (146, 5211), (151, 5247), (156, 5274), (163, 5292), (175, 5334), (183, 5364), (199, 5478), (204, 5496), (206, 5505), (214, 5538),

Gene: P3MA_7 Start: 5392, Stop: 6300, Start Num: 17

Candidate Starts for P3MA_7:

(Start: 17 @5392 has 99 MA's), (22, 5419), (27, 5446), (38, 5500), (50, 5557), (56, 5605), (62, 5632), (64, 5638), (93, 5737), (99, 5785), (111, 5827), (163, 6025), (167, 6037), (220, 6289),

Gene: P9.1_6 Start: 4630, Stop: 5580, Start Num: 13

Candidate Starts for P9.1_6:

(Start: 13 @4630 has 3 MA's), (Start: 14 @4633 has 40 MA's), (24, 4681), (31, 4723), (44, 4777), (61, 4879), (68, 4909), (78, 4942), (93, 4990), (102, 5047), (129, 5146), (136, 5170), (146, 5206), (151, 5242), (156, 5269), (163, 5287), (175, 5329), (199, 5473), (204, 5491), (206, 5500), (214, 5533),

Gene: PA6_6 Start: 4645, Stop: 5592, Start Num: 14

Candidate Starts for PA6_6:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (40, 4777), (44, 4789), (61, 4891), (68, 4921), (77, 4951), (93, 5002), (102, 5059), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (175, 5341), (195, 5464), (199, 5485), (214, 5545),

Gene: PAD20_6 Start: 4645, Stop: 5592, Start Num: 14

Candidate Starts for PAD20_6:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (44, 4789), (61, 4891), (68, 4921), (78, 4954), (93, 5002), (102, 5059), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (163, 5299), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: PAS50_6 Start: 4642, Stop: 5589, Start Num: 14

Candidate Starts for PAS50_6:

(Start: 13 @4639 has 3 MA's), (Start: 14 @4642 has 40 MA's), (24, 4690), (31, 4732), (44, 4786), (61, 4888), (68, 4918), (78, 4951), (93, 4999), (102, 5056), (129, 5155), (136, 5179), (146, 5215), (151,

5251), (156, 5278), (175, 5338), (183, 5368), (199, 5482), (204, 5500), (206, 5509), (214, 5542),

Gene: PHL010M04_06 Start: 4637, Stop: 5584, Start Num: 14

Candidate Starts for PHL010M04_06:

(Start: 14 @4637 has 40 MA's), (24, 4685), (26, 4697), (31, 4727), (40, 4769), (44, 4781), (61, 4883), (68, 4913), (77, 4943), (93, 4994), (104, 5057), (129, 5150), (146, 5210), (151, 5246), (175, 5333), (199, 5477), (204, 5495), (206, 5504), (214, 5537),

Gene: PHL037M02_06 Start: 4636, Stop: 5586, Start Num: 13

Candidate Starts for PHL037M02_06:

(Start: 13 @4636 has 3 MA's), (Start: 14 @4639 has 40 MA's), (24, 4687), (31, 4729), (40, 4771), (44, 4783), (61, 4885), (68, 4915), (78, 4948), (102, 5053), (129, 5152), (146, 5212), (151, 5248), (156, 5275), (175, 5335), (179, 5353), (199, 5479), (206, 5506), (214, 5539),

Gene: PHL060L00_06 Start: 4633, Stop: 5580, Start Num: 14

Candidate Starts for PHL060L00_06:

(Start: 14 @4633 has 40 MA's), (24, 4681), (31, 4723), (44, 4777), (61, 4879), (68, 4909), (77, 4939), (93, 4990), (104, 5053), (129, 5146), (136, 5170), (146, 5206), (151, 5242), (156, 5269), (175, 5329), (199, 5473), (206, 5500), (214, 5533),

Gene: PHL067M10_06 Start: 4632, Stop: 5582, Start Num: 13

Candidate Starts for PHL067M10_06:

(Start: 13 @4632 has 3 MA's), (Start: 14 @4635 has 40 MA's), (24, 4683), (31, 4725), (44, 4779), (61, 4881), (68, 4911), (78, 4944), (93, 4992), (104, 5055), (129, 5148), (136, 5172), (146, 5208), (151, 5244), (156, 5271), (175, 5331), (199, 5475), (206, 5502), (214, 5535),

Gene: PHL071N05_06 Start: 4640, Stop: 5587, Start Num: 14

Candidate Starts for PHL071N05_06:

(Start: 14 @4640 has 40 MA's), (24, 4688), (31, 4730), (40, 4772), (44, 4784), (61, 4886), (68, 4916), (78, 4949), (129, 5153), (136, 5177), (142, 5201), (146, 5213), (151, 5249), (156, 5276), (175, 5336), (179, 5354), (199, 5480), (204, 5498), (206, 5507), (214, 5540),

Gene: PHL111M01_06 Start: 4642, Stop: 5592, Start Num: 13

Candidate Starts for PHL111M01_06:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (44, 4789), (61, 4891), (68, 4921), (78, 4954), (93, 5002), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (163, 5299), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: PHL112N00_06 Start: 4642, Stop: 5592, Start Num: 13

Candidate Starts for PHL112N00_06:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (40, 4777), (44, 4789), (61, 4891), (68, 4921), (77, 4951), (104, 5065), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: PHL113M01_06 Start: 4642, Stop: 5592, Start Num: 13

Candidate Starts for PHL113M01_06:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (44, 4789), (61, 4891), (68, 4921), (77, 4951), (93, 5002), (104, 5065), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: PHL114L00_06 Start: 4641, Stop: 5591, Start Num: 13

Candidate Starts for PHL114L00_06:

(Start: 13 @4641 has 3 MA's), (Start: 14 @4644 has 40 MA's), (24, 4692), (31, 4734), (40, 4776), (44, 4788), (61, 4890), (68, 4920), (77, 4950), (78, 4953), (124, 5139), (129, 5157), (136, 5181), (146, 5217), (151, 5253), (175, 5340), (199, 5484), (206, 5511), (214, 5544),

Gene: PSullivan_16 Start: 12065, Stop: 13072, Start Num: 4

Candidate Starts for PSullivan_16:

(Start: 4 @12065 has 190 MA's), (48, 12275), (70, 12395), (76, 12416), (94, 12491), (110, 12572), (125, 12635), (130, 12653), (151, 12737), (191, 12914), (196, 12962),

Gene: Pace1224_7 Start: 7210, Stop: 8112, Start Num: 17

Candidate Starts for Pace1224_7:

(Start: 17 @7210 has 99 MA's), (26, 7267), (27, 7270), (29, 7282), (31, 7297), (50, 7381), (56, 7429), (64, 7462), (98, 7606), (113, 7657), (121, 7684), (126, 7708), (155, 7828), (167, 7864), (183, 7924), (209, 8071),

Gene: PacerPaul_15 Start: 11832, Stop: 12842, Start Num: 4

Candidate Starts for PacerPaul_15:

(Start: 4 @11832 has 190 MA's), (34, 11976), (46, 12027), (48, 12042), (70, 12162), (76, 12183), (94, 12258), (105, 12318), (125, 12402), (130, 12420), (151, 12504), (190, 12675), (191, 12681), (193, 12714), (196, 12735), (216, 12819),

Gene: Padfoot_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Padfoot_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Padpat_13 Start: 7934, Stop: 8869, Start Num: 16

Candidate Starts for Padpat_13:

(Start: 16 @7934 has 377 MA's), (31, 8024), (38, 8051), (67, 8198), (70, 8210), (72, 8222), (95, 8309), (112, 8393), (120, 8423), (180, 8621), (187, 8660), (197, 8744), (198, 8747), (207, 8780), (212, 8804), (227, 8846),

Gene: Paito_7 Start: 7162, Stop: 8097, Start Num: 17

Candidate Starts for Paito_7:

(Start: 17 @7162 has 99 MA's), (26, 7219), (27, 7222), (29, 7234), (56, 7381), (64, 7414), (67, 7432), (77, 7465), (84, 7483), (113, 7609), (167, 7825), (170, 7837), (183, 7906),

Gene: Pajaza_6 Start: 5146, Stop: 6075, Start Num: 15

Candidate Starts for Pajaza_6:

(Start: 15 @5146 has 17 MA's), (38, 5263), (42, 5284), (44, 5290), (50, 5320), (66, 5401), (67, 5407), (69, 5413), (70, 5419), (89, 5479), (101, 5563), (127, 5650), (132, 5671), (170, 5809), (190, 5899), (197, 5965), (205, 5992),

Gene: Paola_11 Start: 7955, Stop: 8887, Start Num: 16

Candidate Starts for Paola_11:

(Start: 16 @7955 has 377 MA's), (38, 8072), (44, 8099), (54, 8159), (62, 8195), (64, 8201), (81, 8267), (95, 8330), (135, 8507), (197, 8765), (198, 8768), (207, 8801), (212, 8825),

Gene: Papafritta_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Papafritta_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Papez_17 Start: 13029, Stop: 14048, Start Num: 4

Candidate Starts for Papez_17:

(Start: 4 @13029 has 190 MA's), (46, 13224), (48, 13239), (70, 13359), (76, 13380), (94, 13455), (105, 13515), (151, 13701), (190, 13872), (191, 13878), (196, 13935), (203, 13971),

Gene: Paphu_14 Start: 11021, Stop: 12022, Start Num: 4

Candidate Starts for Paphu_14:

(Start: 4 @11021 has 190 MA's), (34, 11165), (46, 11216), (48, 11231), (70, 11351), (76, 11372), (94, 11447), (105, 11507), (130, 11609), (151, 11693), (182, 11813), (191, 11870), (194, 11909), (196, 11915), (207, 11966),

Gene: Paraselene_14 Start: 11334, Stop: 12338, Start Num: 4

Candidate Starts for Paraselene_14:

(Start: 4 @11334 has 190 MA's), (19, 11391), (34, 11478), (36, 11487), (46, 11529), (48, 11544), (70, 11664), (76, 11685), (94, 11760), (105, 11820), (130, 11922), (151, 12006), (156, 12036), (182, 12126), (190, 12177), (191, 12183), (196, 12231),

Gene: Pari_16 Start: 11800, Stop: 12813, Start Num: 4

Candidate Starts for Pari_16:

(Start: 4 @11800 has 190 MA's), (48, 12010), (70, 12130), (76, 12151), (94, 12226), (110, 12307), (125, 12370), (130, 12388), (151, 12472), (190, 12643), (191, 12649), (196, 12706), (203, 12742), (216, 12790),

Gene: ParleG_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for ParleG_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Parliament_14 Start: 11404, Stop: 12420, Start Num: 4

Candidate Starts for Parliament_14:

(Start: 4 @11404 has 190 MA's), (46, 11599), (48, 11614), (51, 11629), (63, 11701), (70, 11734), (76, 11755), (94, 11830), (105, 11890), (151, 12076), (190, 12247), (191, 12253), (196, 12310), (203, 12346),

Gene: PascalRango_14 Start: 11262, Stop: 12266, Start Num: 4

Candidate Starts for PascalRango_14:

(Start: 4 @11262 has 190 MA's), (34, 11406), (46, 11457), (48, 11472), (70, 11592), (76, 11613), (94, 11688), (105, 11748), (116, 11799), (117, 11802), (125, 11832), (130, 11850), (151, 11934), (182, 12054), (191, 12111), (196, 12159),

Gene: Patt_14 Start: 8926, Stop: 9855, Start Num: 16

Candidate Starts for Patt_14:

(Start: 16 @8926 has 377 MA's), (31, 9016), (37, 9037), (38, 9043), (44, 9070), (54, 9130), (79, 9232), (81, 9238), (105, 9358), (120, 9415), (141, 9505), (178, 9598), (187, 9652), (190, 9670), (197, 9736), (212, 9796),

Gene: PattyP_17 Start: 11858, Stop: 12859, Start Num: 4

Candidate Starts for PattyP_17:

(Start: 4 @11858 has 190 MA's), (48, 12068), (70, 12188), (76, 12209), (94, 12284), (105, 12344), (130, 12446), (151, 12530), (182, 12650), (191, 12707), (194, 12749), (196, 12755),

Gene: Payneful_14 Start: 11148, Stop: 12152, Start Num: 4

Candidate Starts for Payneful_14:

(Start: 4 @11148 has 190 MA's), (34, 11292), (36, 11301), (46, 11343), (48, 11358), (70, 11478), (76, 11499), (94, 11574), (105, 11634), (130, 11736), (151, 11820), (156, 11850), (182, 11940), (190, 11991), (191, 11997), (196, 12045),

Gene: Peanam_13 Start: 7012, Stop: 7941, Start Num: 16

Candidate Starts for Peanam_13:

(Start: 16 @7012 has 377 MA's), (31, 7102), (38, 7129), (44, 7156), (67, 7276), (70, 7288), (95, 7387), (112, 7471), (180, 7699), (187, 7738), (190, 7756), (197, 7822), (198, 7825), (212, 7882),

Gene: Peas_6 Start: 5556, Stop: 6539, Start Num: 5

Candidate Starts for Peas_6:

(Start: 5 @5556 has 7 MA's), (Start: 11 @5580 has 2 MA's), (26, 5658), (50, 5772), (70, 5862), (79, 5892), (86, 5913), (94, 5958), (162, 6243), (166, 6255), (182, 6309), (197, 6429),

Gene: Peeb_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Peeb_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Peel_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Peel_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Peep_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Peep_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: PeggyLeg03_6 Start: 5596, Stop: 6579, Start Num: 5

Candidate Starts for PeggyLeg03_6:

(Start: 5 @5596 has 7 MA's), (Start: 11 @5620 has 2 MA's), (26, 5698), (50, 5812), (79, 5932), (86, 5953), (94, 5998), (162, 6283), (166, 6295), (182, 6349), (197, 6469),

Gene: Pelly_16 Start: 12093, Stop: 13100, Start Num: 4

Candidate Starts for Pelly_16:

(Start: 4 @12093 has 190 MA's), (48, 12303), (70, 12423), (76, 12444), (94, 12519), (117, 12633), (125, 12663), (130, 12681), (151, 12765), (191, 12942), (196, 12990),

Gene: Pepe_16 Start: 12056, Stop: 13063, Start Num: 4

Candidate Starts for Pepe_16:

(Start: 4 @12056 has 190 MA's), (48, 12266), (70, 12386), (76, 12407), (94, 12482), (110, 12563), (125, 12626), (130, 12644), (151, 12728), (191, 12905), (196, 12953),

Gene: Peppino_6 Start: 4705, Stop: 5697, Start Num: 16

Candidate Starts for Peppino_6:

(Start: 16 @4705 has 377 MA's), (38, 4822), (50, 4879), (66, 4966), (92, 5065), (127, 5233), (132, 5254), (133, 5260), (181, 5428), (185, 5452), (189, 5476), (197, 5548), (198, 5551),

Gene: Periodt_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Periodt_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Periwinkle_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Periwinkle_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: Perseus_16 Start: 11716, Stop: 12714, Start Num: 4

Candidate Starts for Perseus_16:

(Start: 4 @11716 has 190 MA's), (34, 11860), (46, 11911), (48, 11926), (70, 12046), (76, 12067), (94, 12142), (105, 12202), (130, 12304), (151, 12388), (182, 12508), (191, 12565), (194, 12604), (196, 12610),

Gene: Peterson_18 Start: 13017, Stop: 14030, Start Num: 4

Candidate Starts for Peterson_18:

(Start: 4 @13017 has 190 MA's), (34, 13161), (46, 13212), (48, 13227), (70, 13347), (76, 13368), (94, 13443), (105, 13503), (130, 13605), (151, 13689), (182, 13809), (190, 13860), (191, 13866), (193, 13899), (196, 13920),

Gene: Petp2012_17 Start: 12533, Stop: 13534, Start Num: 4

Candidate Starts for Petp2012_17:

(Start: 4 @12533 has 190 MA's), (48, 12743), (70, 12863), (76, 12884), (94, 12959), (105, 13019), (116, 13070), (117, 13073), (125, 13103), (130, 13121), (151, 13205), (191, 13382), (194, 13421), (196, 13427),

Gene: Petruchio_15 Start: 11274, Stop: 12281, Start Num: 4

Candidate Starts for Petruchio_15:

(Start: 4 @11274 has 190 MA's), (34, 11418), (46, 11469), (48, 11484), (70, 11604), (76, 11625), (94, 11700), (105, 11760), (125, 11844), (130, 11862), (151, 11946), (191, 12123), (194, 12162), (196, 12168),

Gene: Phabuloso_7 Start: 4901, Stop: 5842, Start Num: 17

Candidate Starts for Phabuloso_7:

(Start: 17 @4901 has 99 MA's), (43, 5036), (56, 5117), (60, 5138), (82, 5213), (111, 5339), (161, 5540), (167, 5558), (176, 5591), (187, 5675), (213, 5813),

Gene: Pharb_12 Start: 7787, Stop: 8716, Start Num: 16

Candidate Starts for Pharb_12:

(Start: 16 @7787 has 377 MA's), (31, 7877), (38, 7904), (44, 7931), (70, 8063), (81, 8099), (94, 8159), (105, 8219), (109, 8237), (151, 8399), (185, 8501), (187, 8513), (190, 8531), (197, 8597), (224, 8687),

Gene: PhelpsODU_12 Start: 6920, Stop: 7843, Start Num: 16

Candidate Starts for PhelpsODU_12:

(Start: 16 @6920 has 377 MA's), (21, 6953), (38, 7037), (67, 7184), (72, 7208), (88, 7253), (98, 7325), (101, 7340), (105, 7352), (112, 7379), (144, 7508), (182, 7613), (187, 7646), (190, 7664), (197, 7730), (198, 7733), (207, 7766),

Gene: Pherbot_6 Start: 4718, Stop: 5668, Start Num: 16

Candidate Starts for Pherbot_6:

(Start: 16 @4718 has 377 MA's), (37, 4829), (38, 4835), (42, 4856), (54, 4925), (59, 4943), (94, 5093), (96, 5105), (126, 5237), (127, 5240), (190, 5489), (197, 5543), (198, 5546), (205, 5570),

Gene: Pherferi_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Pherferi_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: PherrisBueller_16 Start: 11485, Stop: 12486, Start Num: 4

Candidate Starts for PherrisBueller_16:

(Start: 4 @11485 has 190 MA's), (34, 11629), (46, 11680), (48, 11695), (70, 11815), (76, 11836), (94, 11911), (105, 11971), (130, 12073), (151, 12157), (182, 12277), (191, 12334), (194, 12373), (196, 12379), (207, 12430),

Gene: Phiderman_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Phiderman_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Phireproof_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Phireproof_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Phish_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Phish_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Phistory_7 Start: 4886, Stop: 5824, Start Num: 17

Candidate Starts for Phistory_7:

(Start: 17 @4886 has 99 MA's), (24, 4928), (25, 4931), (43, 5021), (60, 5123), (67, 5153), (82, 5198), (125, 5387), (151, 5480), (170, 5552), (181, 5615), (209, 5774), (213, 5795),

Gene: PhorbesPhlower_6 Start: 4456, Stop: 5358, Start Num: 17

Candidate Starts for PhorbesPhlower_6:

(Start: 17 @4456 has 99 MA's), (26, 4513), (38, 4570), (56, 4675), (64, 4708), (111, 4897), (113, 4903), (155, 5074), (179, 5155), (209, 5314),

Gene: Phrank_12 Start: 6869, Stop: 7792, Start Num: 16

Candidate Starts for Phrank_12:

(Start: 16 @6869 has 377 MA's), (38, 6986), (44, 7013), (64, 7115), (67, 7133), (70, 7145), (72, 7157), (105, 7301), (182, 7562), (187, 7595), (190, 7613), (197, 7679), (198, 7682), (207, 7715), (223, 7766),

Gene: Phreak_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Phreak_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: PhredFlintston_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for PhredFlintston_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Phriends_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Phriends_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: PhrostyMug_15 Start: 11630, Stop: 12628, Start Num: 4

Candidate Starts for PhrostyMug_15:

(Start: 4 @11630 has 190 MA's), (34, 11774), (46, 11825), (48, 11840), (70, 11960), (76, 11981), (94, 12056), (105, 12116), (130, 12218), (151, 12302), (182, 12422), (191, 12479), (194, 12518), (196, 12524),

Gene: Piatt_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Piatt_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Pikmin_6 Start: 5146, Stop: 6075, Start Num: 15

Candidate Starts for Pikmin_6:

(Start: 15 @5146 has 17 MA's), (38, 5263), (42, 5284), (44, 5290), (50, 5320), (66, 5401), (67, 5407), (69, 5413), (70, 5419), (89, 5479), (101, 5563), (127, 5650), (132, 5671), (133, 5677), (170, 5809), (190, 5899), (197, 5965), (205, 5992),

Gene: PinkPlastic_14 Start: 11399, Stop: 12400, Start Num: 4

Candidate Starts for PinkPlastic_14:

(Start: 4 @11399 has 190 MA's), (34, 11543), (46, 11594), (48, 11609), (70, 11729), (76, 11750), (94, 11825), (105, 11885), (130, 11987), (151, 12071), (182, 12191), (191, 12248), (194, 12287), (196, 12293), (207, 12344),

Gene: PinkYoshi_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for PinkYoshi_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Pinnie_8 Start: 7661, Stop: 8563, Start Num: 17

Candidate Starts for Pinnie_8:

(Start: 17 @7661 has 99 MA's), (19, 7670), (27, 7718), (56, 7877), (59, 7886), (64, 7910), (77, 7961), (78, 7964), (125, 8150), (132, 8171), (157, 8273), (167, 8303), (187, 8402),

Gene: Pinto_17 Start: 11707, Stop: 12717, Start Num: 4

Candidate Starts for Pinto_17:

(Start: 4 @11707 has 190 MA's), (34, 11851), (46, 11902), (48, 11917), (70, 12037), (76, 12058), (94, 12133), (105, 12193), (116, 12244), (117, 12247), (125, 12277), (130, 12295), (151, 12379), (190, 12550), (191, 12556), (193, 12589), (196, 12610), (216, 12694),

Gene: Piper2020_7 Start: 5010, Stop: 5918, Start Num: 16

Candidate Starts for Piper2020_7:

(Start: 16 @5010 has 377 MA's), (31, 5100), (32, 5103), (38, 5127), (50, 5184), (54, 5214), (72, 5298), (98, 5415), (131, 5547), (141, 5589), (183, 5706), (184, 5709), (190, 5754), (197, 5808), (201, 5823), (207, 5844),

Gene: Pippin_17 Start: 11968, Stop: 12978, Start Num: 4

Candidate Starts for Pippin_17:

(Start: 4 @11968 has 190 MA's), (34, 12112), (46, 12163), (48, 12178), (70, 12298), (76, 12319), (94, 12394), (105, 12454), (125, 12538), (130, 12556), (151, 12640), (190, 12811), (191, 12817), (196, 12871),

Gene: Pirate_6 Start: 4637, Stop: 5584, Start Num: 14

Candidate Starts for Pirate_6:

(Start: 14 @4637 has 40 MA's), (24, 4685), (30, 4724), (40, 4769), (54, 4844), (65, 4898), (68, 4913), (75, 4937), (77, 4943), (104, 5057), (111, 5084), (124, 5132), (129, 5150), (136, 5174), (146, 5210), (151, 5246), (156, 5273), (175, 5333), (199, 5477), (204, 5495), (206, 5504), (214, 5537),

Gene: Pita2_17 Start: 12065, Stop: 13072, Start Num: 4

Candidate Starts for Pita2_17:

(Start: 4 @12065 has 190 MA's), (48, 12275), (70, 12395), (76, 12416), (94, 12491), (110, 12572), (125, 12635), (130, 12653), (151, 12737), (191, 12914), (196, 12962),

Gene: Pitbull_6 Start: 4478, Stop: 5374, Start Num: 17

Candidate Starts for Pitbull_6:

(Start: 17 @4478 has 99 MA's), (38, 4589), (94, 4835), (102, 4880), (111, 4913), (119, 4943), (131, 4988), (167, 5126), (187, 5216), (198, 5294),

Gene: Pixie_12 Start: 7697, Stop: 8620, Start Num: 16

Candidate Starts for Pixie_12:

(Start: 16 @7697 has 377 MA's), (31, 7787), (38, 7814), (44, 7841), (70, 7973), (81, 8009), (88, 8030), (94, 8069), (105, 8129), (151, 8309), (185, 8411), (187, 8423), (190, 8441), (197, 8507), (224, 8597),

Gene: Plagueis_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Plagueis_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Plumbus_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Plumbus_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (37, 5119), (38, 5125), (47, 5164), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Pocket_6 Start: 4707, Stop: 5633, Start Num: 16

Candidate Starts for Pocket_6:

(Start: 16 @4707 has 377 MA's), (38, 4824), (42, 4845), (50, 4881), (67, 4974), (69, 4980), (70, 4986), (89, 5046), (101, 5130), (133, 5244), (169, 5370), (185, 5436), (197, 5520), (205, 5547), (227, 5622),

Gene: Pokerus_12 Start: 7888, Stop: 8823, Start Num: 16

Candidate Starts for Pokerus_12:

(Start: 16 @7888 has 377 MA's), (31, 7978), (38, 8005), (67, 8152), (70, 8164), (72, 8176), (95, 8263), (112, 8347), (120, 8377), (180, 8575), (187, 8614), (197, 8698), (198, 8701), (207, 8734), (212, 8758), (227, 8800),

Gene: Pollywog_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Pollywog_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Pons_8 Start: 5091, Stop: 6050, Start Num: 3

Candidate Starts for Pons_8:

(Start: 3 @5091 has 32 MA's), (Start: 17 @5142 has 99 MA's), (24, 5181), (57, 5358), (66, 5400), (68, 5409), (87, 5454), (103, 5538), (126, 5634), (140, 5691), (154, 5745), (164, 5781), (209, 5994), (212, 6012),

Gene: PotPie_9 Start: 5954, Stop: 6913, Start Num: 3

Candidate Starts for PotPie_9:

(Start: 3 @5954 has 32 MA's), (Start: 17 @6005 has 99 MA's), (42, 6134), (57, 6221), (66, 6263), (68, 6272), (87, 6317), (103, 6401), (126, 6497), (140, 6554), (154, 6608), (164, 6644), (209, 6857), (212, 6875), (227, 6905),

Gene: PrincePhergus_6 Start: 4719, Stop: 5669, Start Num: 16

Candidate Starts for PrincePhergus_6:

(Start: 16 @4719 has 377 MA's), (38, 4836), (42, 4857), (50, 4893), (54, 4926), (59, 4944), (94, 5094), (96, 5106), (127, 5241), (190, 5490), (197, 5544), (198, 5547), (205, 5571),

Gene: Prithvi_13 Start: 7898, Stop: 8833, Start Num: 16

Candidate Starts for Prithvi_13:

(Start: 16 @7898 has 377 MA's), (31, 7988), (38, 8015), (67, 8162), (70, 8174), (72, 8186), (95, 8273), (120, 8387), (180, 8585), (187, 8624), (190, 8642), (197, 8708), (198, 8711), (207, 8744), (212, 8768), (227, 8810),

Gene: Procrass1_6 Start: 4640, Stop: 5587, Start Num: 14

Candidate Starts for Procrass1_6:

(Start: 13 @4637 has 3 MA's), (Start: 14 @4640 has 40 MA's), (24, 4688), (31, 4730), (44, 4784), (61, 4886), (68, 4916), (77, 4946), (124, 5135), (129, 5153), (136, 5177), (146, 5213), (151, 5249), (156, 5276), (163, 5294), (175, 5336), (183, 5366), (199, 5480), (204, 5498), (206, 5507), (214, 5540),

Gene: Psycho_11 Start: 7991, Stop: 8923, Start Num: 16

Candidate Starts for Psycho_11:

(Start: 16 @7991 has 377 MA's), (38, 8108), (44, 8135), (54, 8195), (62, 8231), (64, 8237), (70, 8267), (81, 8303), (95, 8366), (98, 8396), (197, 8801), (198, 8804), (212, 8861),

Gene: PsychoKiller_8 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for PsychoKiller_8:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (111, 5860), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Pucara_6 Start: 5555, Stop: 6538, Start Num: 5

Candidate Starts for Pucara_6:

(Start: 5 @5555 has 7 MA's), (Start: 11 @5579 has 2 MA's), (26, 5657), (50, 5771), (79, 5891), (86, 5912), (94, 5957), (166, 6254), (182, 6308), (197, 6428),

Gene: PuppyEggo_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for PuppyEggo_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: QTRlifeCrisis_18 Start: 12033, Stop: 13043, Start Num: 4

Candidate Starts for QTRlifeCrisis_18:

(Start: 4 @12033 has 190 MA's), (34, 12177), (46, 12228), (48, 12243), (70, 12363), (76, 12384), (94, 12459), (105, 12519), (116, 12570), (125, 12603), (130, 12621), (151, 12705), (190, 12876), (191,

12882), (196, 12936), (216, 13020),

Gene: QuadZero_8 Start: 5197, Stop: 6177, Start Num: 16

Candidate Starts for QuadZero_8:

(Start: 16 @5197 has 377 MA's), (37, 5308), (38, 5314), (42, 5335), (59, 5422), (69, 5470), (81, 5512), (89, 5536), (110, 5653), (126, 5722), (127, 5725), (179, 5911), (183, 5926), (185, 5944), (197, 6028), (198, 6031), (232, 6172),

Gene: Quartz_6 Start: 5021, Stop: 5974, Start Num: 16

Candidate Starts for Quartz_6:

(Start: 16 @5021 has 377 MA's), (38, 5138), (39, 5150), (42, 5159), (44, 5165), (50, 5195), (94, 5396), (101, 5444), (127, 5543), (170, 5702), (180, 5735), (183, 5744), (197, 5846), (198, 5849),

Gene: Quasar_8 Start: 6001, Stop: 6966, Start Num: 3

Candidate Starts for Quasar_8:

(Start: 3 @6001 has 32 MA's), (6, 6016), (Start: 17 @6052 has 99 MA's), (41, 6181), (87, 6367), (94, 6403), (115, 6505), (154, 6658), (173, 6724), (190, 6808), (201, 6880), (212, 6925),

Gene: QueenBey_6 Start: 4638, Stop: 5585, Start Num: 14

Candidate Starts for QueenBey_6:

(Start: 14 @4638 has 40 MA's), (24, 4686), (30, 4725), (40, 4770), (61, 4884), (65, 4899), (68, 4914), (77, 4944), (104, 5058), (129, 5151), (151, 5247), (175, 5334), (199, 5478), (206, 5505), (214, 5538),

Gene: Quico_7 Start: 5002, Stop: 5910, Start Num: 16

Candidate Starts for Quico_7:

(Start: 16 @5002 has 377 MA's), (31, 5092), (32, 5095), (38, 5119), (50, 5176), (54, 5206), (72, 5290), (98, 5407), (131, 5539), (141, 5581), (183, 5698), (184, 5701), (190, 5746), (197, 5800), (201, 5815), (207, 5836),

Gene: QuincyRose_12 Start: 7951, Stop: 8886, Start Num: 16

Candidate Starts for QuincyRose_12:

(Start: 16 @7951 has 377 MA's), (31, 8041), (38, 8068), (67, 8215), (70, 8227), (72, 8239), (95, 8326), (112, 8410), (120, 8440), (180, 8638), (187, 8677), (197, 8761), (198, 8764), (207, 8797), (212, 8821), (227, 8863),

Gene: Rabbs_7 Start: 7099, Stop: 8034, Start Num: 17

Candidate Starts for Rabbs_7:

(Start: 17 @7099 has 99 MA's), (26, 7156), (29, 7171), (56, 7318), (64, 7351), (91, 7438), (170, 7774), (183, 7843),

Gene: Raccoon_6 Start: 4711, Stop: 5691, Start Num: 16

Candidate Starts for Raccoon_6:

(Start: 16 @4711 has 377 MA's), (38, 4828), (54, 4918), (59, 4936), (66, 4972), (92, 5071), (101, 5134), (127, 5239), (132, 5260), (133, 5266), (189, 5482), (197, 5542), (205, 5569),

Gene: Rajelicia_15 Start: 11541, Stop: 12557, Start Num: 4

Candidate Starts for Rajelicia_15:

(Start: 4 @11541 has 190 MA's), (46, 11736), (48, 11751), (70, 11871), (76, 11892), (94, 11967), (105, 12027), (151, 12213), (190, 12384), (191, 12390), (196, 12447), (203, 12483),

Gene: Ramen_13 Start: 7931, Stop: 8869, Start Num: 16

Candidate Starts for Ramen_13:

(Start: 16 @7931 has 377 MA's), (31, 8021), (38, 8048), (67, 8195), (70, 8207), (72, 8219), (95, 8306), (112, 8390), (120, 8420), (180, 8618), (187, 8657), (197, 8741), (198, 8744), (207, 8777), (212, 8801), (227, 8843),

Gene: Ramsey_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Ramsey_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Rando14_11 Start: 6998, Stop: 7930, Start Num: 16

Candidate Starts for Rando14_11:

(Start: 16 @6998 has 377 MA's), (38, 7115), (44, 7142), (54, 7202), (62, 7238), (64, 7244), (70, 7274), (81, 7310), (95, 7373), (120, 7487), (135, 7550), (185, 7712), (197, 7808), (198, 7811), (207, 7844), (212, 7868),

Gene: Rapheph_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Rapheph_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Raptor_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Raptor_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Rapunzel97_13 Start: 7932, Stop: 8870, Start Num: 16

Candidate Starts for Rapunzel97_13:

(Start: 16 @7932 has 377 MA's), (31, 8022), (38, 8049), (67, 8196), (70, 8208), (72, 8220), (95, 8307), (112, 8391), (120, 8421), (180, 8619), (187, 8658), (197, 8742), (198, 8745), (207, 8778), (212, 8802), (227, 8844),

Gene: Raqqa_7 Start: 5349, Stop: 6236, Start Num: 17

Candidate Starts for Raqqa_7:

(Start: 17 @5349 has 99 MA's), (31, 5436), (38, 5463), (50, 5520), (56, 5568), (62, 5595), (64, 5601), (67, 5619), (126, 5841), (152, 5943), (187, 6081),

Gene: RedBaron_9 Start: 5425, Stop: 6396, Start Num: 3

Candidate Starts for RedBaron_9:

(Start: 3 @5425 has 32 MA's), (6, 5440), (Start: 17 @5476 has 99 MA's), (41, 5605), (87, 5791), (94, 5827), (111, 5905), (115, 5929), (154, 6082), (173, 6148), (201, 6304), (212, 6349),

Gene: Redfield_6 Start: 4713, Stop: 5705, Start Num: 16

Candidate Starts for Redfield_6:

(Start: 16 @4713 has 377 MA's), (38, 4830), (50, 4887), (66, 4974), (92, 5073), (127, 5241), (132, 5262), (133, 5268), (181, 5436), (185, 5460), (189, 5484), (197, 5556), (198, 5559),

Gene: Remy19_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Remy19_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Renaissance_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Renaissance_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Renzie_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Renzie_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Reptar3000_14 Start: 8928, Stop: 9857, Start Num: 16

Candidate Starts for Reptar3000_14:

(Start: 16 @8928 has 377 MA's), (31, 9018), (37, 9039), (38, 9045), (44, 9072), (54, 9132), (79, 9234), (81, 9240), (105, 9360), (120, 9417), (141, 9507), (178, 9600), (187, 9654), (190, 9672), (197, 9738), (212, 9798),

Gene: Rhynn_15 Start: 11635, Stop: 12642, Start Num: 4

Candidate Starts for Rhynn_15:

(Start: 4 @11635 has 190 MA's), (34, 11779), (36, 11788), (46, 11830), (48, 11845), (70, 11965), (76, 11986), (105, 12121), (130, 12223), (151, 12307), (156, 12337), (190, 12478), (191, 12484), (196, 12532),

Gene: Rialto_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Rialto_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: RidgeCB_15 Start: 11162, Stop: 12181, Start Num: 4

Candidate Starts for RidgeCB_15:

(Start: 4 @11162 has 190 MA's), (46, 11357), (48, 11372), (70, 11492), (76, 11513), (94, 11588), (105, 11648), (151, 11834), (190, 12005), (191, 12011), (196, 12068), (203, 12104),

Gene: Rileysaurus_6 Start: 4632, Stop: 5579, Start Num: 14

Candidate Starts for Rileysaurus_6:

(Start: 13 @4629 has 3 MA's), (Start: 14 @4632 has 40 MA's), (24, 4680), (31, 4722), (44, 4776), (61, 4878), (68, 4908), (77, 4938), (93, 4989), (104, 5052), (129, 5145), (146, 5205), (151, 5241), (156, 5268), (163, 5286), (175, 5328), (199, 5472), (204, 5490), (206, 5499), (214, 5532),

Gene: Ringer_15 Start: 11892, Stop: 12902, Start Num: 4

Candidate Starts for Ringer_15:

(Start: 4 @11892 has 190 MA's), (34, 12036), (46, 12087), (48, 12102), (70, 12222), (76, 12243), (94, 12318), (105, 12378), (116, 12429), (125, 12462), (130, 12480), (151, 12564), (190, 12735), (191, 12741), (196, 12795),

Gene: Riyhil_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Riyhil_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Robinson_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Robinson_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: RockyHorror_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for RockyHorror_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Rog141_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Rog141_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Rohr_16 Start: 11840, Stop: 12841, Start Num: 4

Candidate Starts for Rohr_16:

(Start: 4 @11840 has 190 MA's), (48, 12050), (70, 12170), (76, 12191), (94, 12266), (105, 12326), (130, 12428), (151, 12512), (182, 12632), (191, 12689), (194, 12728), (196, 12734),

Gene: Ronaldo_42 Start: 15254, Stop: 16228, Start Num: 16

Candidate Starts for Ronaldo_42:

(Start: 16 @15254 has 377 MA's), (28, 15326), (31, 15344), (38, 15371), (88, 15587), (109, 15704), (126, 15773), (153, 15881), (159, 15908), (165, 15929), (184, 16010), (187, 16037), (197, 16109), (198, 16112), (208, 16148),

Gene: Rosmarinus_13 Start: 7962, Stop: 8897, Start Num: 16

Candidate Starts for Rosmarinus_13:

(Start: 16 @7962 has 377 MA's), (31, 8052), (38, 8079), (67, 8226), (70, 8238), (72, 8250), (95, 8337), (112, 8421), (120, 8451), (180, 8649), (187, 8688), (197, 8772), (198, 8775), (207, 8808), (212, 8832), (227, 8874),

Gene: Rubeus_16 Start: 11666, Stop: 12676, Start Num: 4

Candidate Starts for Rubeus_16:

(Start: 4 @11666 has 190 MA's), (34, 11810), (46, 11861), (48, 11876), (70, 11996), (76, 12017), (94, 12092), (105, 12152), (116, 12203), (125, 12236), (130, 12254), (151, 12338), (190, 12509), (191, 12515), (196, 12569),

Gene: Rufus_16 Start: 11723, Stop: 12727, Start Num: 4

Candidate Starts for Rufus_16:

(Start: 4 @11723 has 190 MA's), (48, 11933), (70, 12053), (76, 12074), (94, 12149), (105, 12209), (116, 12260), (117, 12263), (130, 12311), (151, 12395), (191, 12572), (194, 12611), (196, 12617),

Gene: Ruotula_14 Start: 11843, Stop: 12847, Start Num: 4

Candidate Starts for Ruotula_14:

(Start: 4 @11843 has 190 MA's), (48, 12053), (70, 12173), (76, 12194), (94, 12269), (105, 12329), (116, 12380), (125, 12413), (130, 12431), (151, 12515), (191, 12692), (194, 12731), (196, 12737),

Gene: Rutherferd_17 Start: 12184, Stop: 13182, Start Num: 4

Candidate Starts for Rutherferd_17:

(Start: 4 @12184 has 190 MA's), (48, 12394), (70, 12514), (76, 12535), (94, 12610), (105, 12670), (130, 12772), (151, 12856), (182, 12976), (191, 13033), (194, 13072), (196, 13078),

Gene: Ruthiejr_13 Start: 8782, Stop: 9711, Start Num: 16

Candidate Starts for Ruthiejr_13:

(Start: 16 @8782 has 377 MA's), (31, 8872), (37, 8893), (38, 8899), (44, 8926), (54, 8986), (70, 9058), (79, 9088), (81, 9094), (120, 9271), (135, 9334), (141, 9361), (151, 9394), (178, 9454), (187, 9508), (197, 9592), (207, 9628), (212, 9652),

Gene: SJay_6 Start: 4709, Stop: 5635, Start Num: 16

Candidate Starts for SJay_6:

(Start: 16 @4709 has 377 MA's), (38, 4826), (42, 4847), (50, 4883), (67, 4976), (69, 4982), (70, 4988), (89, 5048), (92, 5069), (101, 5132), (133, 5246), (169, 5372), (185, 5438), (197, 5522), (205, 5549), (227, 5624),

Gene: SKKY_6 Start: 4645, Stop: 5616, Start Num: 14

Candidate Starts for SKKY_6:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (44, 4789), (61, 4891), (68, 4921), (77, 4951), (93, 5002), (104, 5065), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (163, 5299), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: STLscum_16 Start: 11754, Stop: 12770, Start Num: 4

Candidate Starts for STLscum_16:

(Start: 4 @11754 has 190 MA's), (46, 11949), (48, 11964), (70, 12084), (76, 12105), (94, 12180), (105, 12240), (151, 12426), (190, 12597), (191, 12603), (196, 12660), (203, 12696),

Gene: Sagefire_16 Start: 12435, Stop: 13442, Start Num: 4

Candidate Starts for Sagefire_16:

(Start: 4 @12435 has 190 MA's), (34, 12579), (46, 12630), (48, 12645), (70, 12765), (76, 12786), (94, 12861), (105, 12921), (116, 12972), (125, 13005), (130, 13023), (151, 13107), (190, 13278), (191, 13284), (196, 13338),

Gene: SamScheppers_12 Start: 8691, Stop: 9620, Start Num: 16

Candidate Starts for SamScheppers_12:

(Start: 16 @8691 has 377 MA's), (31, 8781), (37, 8802), (38, 8808), (44, 8835), (54, 8895), (79, 8997), (81, 9003), (94, 9063), (105, 9123), (120, 9180), (135, 9243), (141, 9270), (178, 9363), (187, 9417), (190, 9435), (197, 9501), (212, 9561),

Gene: SamuelLPlaqson_13 Start: 7882, Stop: 8817, Start Num: 16

Candidate Starts for SamuelLPlaqson_13:

(Start: 16 @7882 has 377 MA's), (31, 7972), (38, 7999), (67, 8146), (70, 8158), (72, 8170), (95, 8257), (120, 8371), (180, 8569), (187, 8608), (190, 8626), (197, 8692), (207, 8728), (212, 8752), (227, 8794),

Gene: Sandaddy_14 Start: 11560, Stop: 12564, Start Num: 4

Candidate Starts for Sandaddy_14:

(Start: 4 @11560 has 190 MA's), (34, 11704), (36, 11713), (46, 11755), (48, 11770), (70, 11890), (76, 11911), (94, 11986), (105, 12046), (130, 12148), (151, 12232), (156, 12262), (182, 12352), (190, 12403), (191, 12409), (196, 12457),

Gene: Sansa_5 Start: 4885, Stop: 5841, Start Num: 16

Candidate Starts for Sansa_5:

(Start: 16 @4885 has 377 MA's), (30, 4972), (38, 5002), (39, 5014), (42, 5023), (54, 5092), (89, 5224), (101, 5308), (127, 5407), (132, 5428), (186, 5629), (197, 5710),

Gene: SarFire_15 Start: 11420, Stop: 12436, Start Num: 4

Candidate Starts for SarFire_15:

(Start: 4 @11420 has 190 MA's), (46, 11615), (48, 11630), (70, 11750), (76, 11771), (94, 11846), (105, 11906), (151, 12092), (190, 12263), (191, 12269), (196, 12326), (203, 12362),

Gene: Saratos_6 Start: 4886, Stop: 5827, Start Num: 16

Candidate Starts for Saratos_6:

(Start: 16 @4886 has 377 MA's), (30, 4973), (38, 5003), (39, 5015), (42, 5024), (50, 5060), (89, 5225), (101, 5309), (127, 5408), (186, 5630), (197, 5711), (231, 5816),

Gene: Sarma624_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Sarma624_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (192, 5775), (197, 5805), (201, 5820), (207, 5841),

Gene: Scarlett_12 Start: 6805, Stop: 7728, Start Num: 16

Candidate Starts for Scarlett_12:

(Start: 16 @6805 has 377 MA's), (37, 6916), (38, 6922), (44, 6949), (67, 7069), (70, 7081), (72, 7093), (95, 7180), (98, 7210), (101, 7225), (109, 7255), (120, 7294), (128, 7330), (187, 7531), (197, 7615), (198, 7618), (207, 7651), (212, 7675),

Gene: Schiebel_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Schiebel_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Schimmels22_9 Start: 5932, Stop: 6927, Start Num: 16

Candidate Starts for Schimmels22_9:

(Start: 16 @5932 has 377 MA's), (31, 6022), (37, 6043), (38, 6049), (39, 6061), (42, 6070), (67, 6199), (69, 6205), (70, 6211), (89, 6271), (92, 6292), (94, 6307), (132, 6481), (179, 6646), (183, 6661), (191, 6715), (197, 6775), (198, 6778),

Gene: Schnapsidee_6 Start: 4704, Stop: 5696, Start Num: 16

Candidate Starts for Schnapsidee_6:

(Start: 16 @4704 has 377 MA's), (38, 4821), (50, 4878), (66, 4965), (92, 5064), (127, 5232), (132, 5253), (133, 5259), (181, 5427), (185, 5451), (189, 5475), (197, 5547), (198, 5550),

Gene: Schubert_7 Start: 5292, Stop: 6233, Start Num: 16

Candidate Starts for Schubert_7:

(Start: 16 @5292 has 377 MA's), (37, 5403), (38, 5409), (42, 5430), (50, 5466), (59, 5517), (89, 5631), (101, 5715), (126, 5811), (127, 5814), (190, 6063), (197, 6117), (205, 6144), (228, 6222),

Gene: Scowl_16 Start: 12111, Stop: 13115, Start Num: 4

Candidate Starts for Scowl_16:

(Start: 4 @12111 has 190 MA's), (34, 12255), (46, 12306), (48, 12321), (70, 12441), (76, 12462), (94, 12537), (105, 12597), (130, 12699), (151, 12783), (156, 12813), (182, 12903), (190, 12954), (191, 12960), (196, 13008),

Gene: Seabiscuit_17 Start: 11640, Stop: 12650, Start Num: 4

Candidate Starts for Seabiscuit_17:

(Start: 4 @11640 has 190 MA's), (34, 11784), (46, 11835), (48, 11850), (70, 11970), (76, 11991), (94, 12066), (105, 12126), (125, 12210), (130, 12228), (151, 12312), (190, 12483), (191, 12489), (196, 12543),

Gene: Seagreen_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Seagreen_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (185, 5722), (190, 5752), (192, 5776), (197, 5806),

Gene: Seanderson_16 Start: 12084, Stop: 13085, Start Num: 4

Candidate Starts for Seanderson_16:

(Start: 4 @12084 has 190 MA's), (34, 12228), (46, 12279), (48, 12294), (70, 12414), (76, 12435), (94, 12510), (105, 12570), (125, 12654), (130, 12672), (151, 12756), (191, 12933), (194, 12972), (196, 12978), (216, 13062),

Gene: Sedgewig_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Sedgewig_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: SgtBeansprout_9 Start: 7225, Stop: 8145, Start Num: 16

Candidate Starts for SgtBeansprout_9:

(Start: 16 @7225 has 377 MA's), (38, 7342), (44, 7369), (53, 7420), (67, 7489), (70, 7501), (81, 7537), (109, 7675), (112, 7684), (120, 7714), (144, 7813), (178, 7897), (182, 7918), (185, 7939), (187, 7951), (197, 8035), (207, 8071), (223, 8122), (224, 8125),

Gene: ShaboiShabazz_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for ShaboiShabazz_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: Shadow1_11 Start: 6780, Stop: 7703, Start Num: 16

Candidate Starts for Shadow1_11:

(Start: 16 @6780 has 377 MA's), (38, 6897), (44, 6924), (64, 7026), (67, 7044), (70, 7056), (72, 7068), (105, 7212), (182, 7473), (187, 7506), (190, 7524), (197, 7590), (198, 7593), (207, 7626), (223, 7677),

Gene: ShaiHulud_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for ShaiHulud_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Shamu_6 Start: 4886, Stop: 5833, Start Num: 16

Candidate Starts for Shamu_6:

(Start: 16 @4886 has 377 MA's), (30, 4973), (38, 5003), (39, 5015), (42, 5024), (50, 5060), (89, 5225), (101, 5309), (127, 5408), (186, 5630), (197, 5711),

Gene: Shaobing_13 Start: 7012, Stop: 7941, Start Num: 16

Candidate Starts for Shaobing_13:

(Start: 16 @7012 has 377 MA's), (31, 7102), (38, 7129), (44, 7156), (67, 7276), (70, 7288), (95, 7387), (112, 7471), (180, 7699), (187, 7738), (190, 7756), (197, 7822), (198, 7825), (212, 7882),

Gene: SheckWes_7 Start: 5091, Stop: 6050, Start Num: 3

Candidate Starts for SheckWes_7:

(Start: 3 @5091 has 32 MA's), (Start: 17 @5142 has 99 MA's), (24, 5181), (57, 5358), (66, 5400), (68, 5409), (87, 5454), (103, 5538), (126, 5634), (140, 5691), (154, 5745), (164, 5781), (209, 5994), (212, 6012),

Gene: ShedlockHolmes_12 Start: 7945, Stop: 8868, Start Num: 16

Candidate Starts for ShedlockHolmes_12:

(Start: 16 @7945 has 377 MA's), (31, 8035), (38, 8062), (44, 8089), (70, 8221), (81, 8257), (88, 8278), (94, 8317), (105, 8377), (151, 8557), (185, 8659), (187, 8671), (190, 8689), (197, 8755), (224, 8845),

Gene: Shee_6 Start: 4705, Stop: 5631, Start Num: 16

Candidate Starts for Shee_6:

(Start: 16 @4705 has 377 MA's), (38, 4822), (42, 4843), (50, 4879), (67, 4972), (69, 4978), (70, 4984), (89, 5044), (101, 5128), (133, 5242), (169, 5368), (185, 5434), (197, 5518), (205, 5545), (227, 5620),

Gene: ShiaSurprise_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for ShiaSurprise_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: ShortQueendom_14 Start: 11226, Stop: 12242, Start Num: 4

Candidate Starts for ShortQueendom_14:

(Start: 4 @11226 has 190 MA's), (46, 11421), (48, 11436), (51, 11451), (63, 11523), (70, 11556), (76, 11577), (94, 11652), (105, 11712), (151, 11898), (190, 12069), (191, 12075), (196, 12132), (203, 12168),

Gene: Sibs6_17 Start: 11860, Stop: 12879, Start Num: 4

Candidate Starts for Sibs6_17:

(Start: 4 @11860 has 190 MA's), (48, 12070), (70, 12190), (76, 12211), (94, 12286), (105, 12346), (125, 12430), (130, 12448), (151, 12532), (156, 12562), (182, 12652), (191, 12709), (196, 12766), (203, 12802),

Gene: SimranZ1_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for SimranZ1_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Sinatra_6 Start: 4719, Stop: 5666, Start Num: 16

Candidate Starts for Sinatra_6:

(Start: 16 @4719 has 377 MA's), (37, 4830), (38, 4836), (42, 4857), (50, 4893), (54, 4926), (59, 4944), (94, 5094), (96, 5106), (127, 5241), (190, 5490), (197, 5544), (198, 5547), (205, 5571),

Gene: SirPhilip_12 Start: 6640, Stop: 7569, Start Num: 16

Candidate Starts for SirPhilip_12:

(Start: 16 @6640 has 377 MA's), (31, 6730), (38, 6757), (44, 6784), (67, 6904), (70, 6916), (95, 7015), (98, 7045), (101, 7060), (114, 7108), (144, 7228), (182, 7333), (187, 7366), (197, 7450), (198, 7453), (207, 7486), (212, 7510), (224, 7540),

Gene: SirVictor_6 Start: 4803, Stop: 5753, Start Num: 16

Candidate Starts for SirVictor_6:

(Start: 16 @4803 has 377 MA's), (37, 4914), (38, 4920), (42, 4941), (50, 4977), (59, 5028), (94, 5178), (96, 5190), (127, 5325), (190, 5574), (197, 5628), (198, 5631), (205, 5655),

Gene: Sizemore_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for Sizemore_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (50, 7275), (56, 7323), (64, 7356), (77, 7407), (98, 7500), (170, 7779), (178, 7818), (212, 8013),

Gene: SketchMex_7 Start: 5369, Stop: 6331, Start Num: 3

Candidate Starts for SketchMex_7:

(Start: 3 @5369 has 32 MA's), (6, 5384), (Start: 17 @5411 has 99 MA's), (41, 5537), (44, 5546), (56, 5624), (66, 5669), (68, 5678), (87, 5723), (94, 5759), (110, 5834), (154, 6014), (164, 6050), (165, 6053), (173, 6080), (201, 6236), (209, 6263), (212, 6281),

Gene: SkiPole_17 Start: 11733, Stop: 12731, Start Num: 4

Candidate Starts for SkiPole_17:

(Start: 4 @11733 has 190 MA's), (34, 11877), (48, 11943), (56, 12000), (70, 12063), (76, 12084), (94, 12159), (105, 12219), (130, 12321), (151, 12405), (182, 12525), (191, 12582), (194, 12621), (196, 12627),

Gene: Slagathor_16 Start: 11512, Stop: 12513, Start Num: 4

Candidate Starts for Slagathor_16:

(Start: 4 @11512 has 190 MA's), (48, 11722), (70, 11842), (76, 11863), (94, 11938), (105, 11998), (116, 12049), (117, 12052), (125, 12082), (130, 12100), (151, 12184), (191, 12361), (194, 12400), (196, 12406),

Gene: Slarp_14 Start: 9175, Stop: 10104, Start Num: 16

Candidate Starts for Slarp_14:

(Start: 16 @9175 has 377 MA's), (31, 9265), (37, 9286), (38, 9292), (44, 9319), (54, 9379), (79, 9481), (81, 9487), (94, 9547), (105, 9607), (120, 9664), (135, 9727), (141, 9754), (178, 9847), (187, 9901), (190, 9919), (197, 9985), (212, 10045),

Gene: Slimphazie_13 Start: 7932, Stop: 8870, Start Num: 16

Candidate Starts for Slimphazie_13:

(Start: 16 @7932 has 377 MA's), (31, 8022), (38, 8049), (67, 8196), (70, 8208), (72, 8220), (95, 8307), (112, 8391), (120, 8421), (180, 8619), (187, 8658), (197, 8742), (198, 8745), (207, 8778), (212, 8802), (227, 8844),

Gene: Smairt_16 Start: 12031, Stop: 13050, Start Num: 4

Candidate Starts for Smairt_16:

(Start: 4 @12031 has 190 MA's), (46, 12226), (48, 12241), (70, 12361), (76, 12382), (94, 12457), (105, 12517), (151, 12703), (190, 12874), (191, 12880), (196, 12937), (203, 12973),

Gene: Smeagol_16 Start: 12447, Stop: 13466, Start Num: 4

Candidate Starts for Smeagol_16:

(Start: 4 @12447 has 190 MA's), (34, 12591), (46, 12642), (48, 12657), (70, 12777), (76, 12798), (94, 12873), (105, 12933), (125, 13017), (130, 13035), (151, 13119), (190, 13290), (191, 13296), (196, 13353), (203, 13389),

Gene: Snazzy_13 Start: 11040, Stop: 12038, Start Num: 4

Candidate Starts for Snazzy_13:

(Start: 4 @11040 has 190 MA's), (34, 11184), (46, 11235), (48, 11250), (70, 11370), (76, 11391), (94, 11466), (105, 11526), (125, 11610), (130, 11628), (151, 11712), (191, 11889), (194, 11928), (196, 11934),

Gene: Sneeze_7 Start: 7098, Stop: 8033, Start Num: 17

Candidate Starts for Sneeze_7:

(Start: 17 @7098 has 99 MA's), (26, 7155), (29, 7170), (56, 7317), (64, 7350), (91, 7437), (170, 7773), (183, 7842),

Gene: SoSeph_11 Start: 8082, Stop: 9014, Start Num: 16

Candidate Starts for SoSeph_11:

(Start: 16 @8082 has 377 MA's), (38, 8199), (44, 8226), (54, 8286), (62, 8322), (64, 8328), (81, 8394), (95, 8457), (135, 8634), (197, 8892), (198, 8895), (207, 8928), (212, 8952),

Gene: SoilGremlin_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for SoilGremlin_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Solid_6 Start: 4644, Stop: 5591, Start Num: 14

Candidate Starts for Solid_6:

(Start: 14 @4644 has 40 MA's), (24, 4692), (31, 4734), (44, 4788), (61, 4890), (68, 4920), (78, 4953), (104, 5064), (124, 5139), (129, 5157), (136, 5181), (146, 5217), (151, 5253), (156, 5280), (163, 5298), (175, 5340), (199, 5484), (204, 5502), (206, 5511), (214, 5544),

Gene: Solon_15 Start: 12191, Stop: 13189, Start Num: 4

Candidate Starts for Solon_15:

(Start: 4 @12191 has 190 MA's), (34, 12335), (46, 12386), (48, 12401), (70, 12521), (76, 12542), (94, 12617), (105, 12677), (130, 12779), (151, 12863), (182, 12983), (191, 13040), (194, 13079), (196, 13085),

Gene: SonOfLevi_6 Start: 4709, Stop: 5635, Start Num: 15

Candidate Starts for SonOfLevi_6:

(Start: 15 @4709 has 17 MA's), (38, 4826), (42, 4847), (50, 4883), (67, 4976), (69, 4982), (70, 4988), (89, 5048), (101, 5132), (133, 5246), (169, 5372), (180, 5411), (185, 5438), (197, 5522), (205, 5549), (227, 5624),

Gene: Sopespian_8 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for Sopespian_8:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (111, 5860), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: Sorpresa_14 Start: 11560, Stop: 12564, Start Num: 4

Candidate Starts for Sorpresa_14:

(Start: 4 @11560 has 190 MA's), (34, 11704), (36, 11713), (46, 11755), (48, 11770), (70, 11890), (76, 11911), (94, 11986), (105, 12046), (130, 12148), (151, 12232), (156, 12262), (182, 12352), (190, 12403), (191, 12409), (196, 12457),

Gene: Soul22_7 Start: 4877, Stop: 5812, Start Num: 17

Candidate Starts for Soul22_7:

(Start: 17 @4877 has 99 MA's), (25, 4922), (26, 4931), (35, 4976), (43, 5012), (60, 5114), (82, 5189), (122, 5369), (140, 5435), (167, 5531), (176, 5564), (177, 5582), (181, 5606), (187, 5648), (204, 5747), (209, 5765), (213, 5786),

Gene: Sparky_6 Start: 5365, Stop: 6333, Start Num: 15

Candidate Starts for Sparky_6:

(Start: 15 @5365 has 17 MA's), (20, 5389), (31, 5455), (38, 5482), (45, 5512), (54, 5569), (64, 5611), (69, 5635), (70, 5641), (72, 5653), (94, 5737), (105, 5797), (137, 5920), (160, 6016), (177, 6082), (183, 6112), (190, 6160), (192, 6184), (197, 6214), (198, 6217), (207, 6250),

Gene: SpikeBT_17 Start: 12496, Stop: 13500, Start Num: 4

Candidate Starts for SpikeBT_17:

(Start: 4 @12496 has 190 MA's), (34, 12640), (36, 12649), (46, 12691), (48, 12706), (70, 12826), (76, 12847), (94, 12922), (105, 12982), (130, 13084), (151, 13168), (182, 13288), (190, 13339), (191, 13345), (196, 13393),

Gene: Spikelee_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Spikelee_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Spock_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Spock_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Spooky_7 Start: 4889, Stop: 5827, Start Num: 17

Candidate Starts for Spooky_7:

(Start: 17 @4889 has 99 MA's), (24, 4931), (25, 4934), (43, 5024), (60, 5126), (80, 5198), (82, 5201), (89, 5219), (125, 5390), (152, 5495), (163, 5531), (167, 5543), (170, 5555), (181, 5618), (209, 5777), (213, 5798),

Gene: Squee_16 Start: 12036, Stop: 13052, Start Num: 4

Candidate Starts for Squee_16:

(Start: 4 @12036 has 190 MA's), (46, 12231), (48, 12246), (51, 12261), (63, 12333), (70, 12366), (76, 12387), (94, 12462), (105, 12522), (151, 12708), (190, 12879), (191, 12885), (196, 12942), (203, 12978),

Gene: Squiddly_8 Start: 5582, Stop: 6520, Start Num: 17

Candidate Starts for Squiddly_8:

(Start: 17 @5582 has 99 MA's), (24, 5624), (25, 5627), (43, 5717), (60, 5819), (67, 5849), (82, 5894), (125, 6083), (170, 6248), (181, 6311), (209, 6470), (213, 6491),

Gene: Squirty_7 Start: 5006, Stop: 5914, Start Num: 16

Candidate Starts for Squirty_7:

(Start: 16 @5006 has 377 MA's), (37, 5117), (38, 5123), (47, 5162), (50, 5180), (54, 5210), (72, 5294), (98, 5411), (127, 5525), (131, 5543), (183, 5702), (184, 5705), (185, 5720), (190, 5750), (192, 5774), (197, 5804), (201, 5819), (207, 5840),

Gene: Stanktossa_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Stanktossa_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Stap_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Stap_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Starcevich_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Starcevich_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Stargaze_7 Start: 7256, Stop: 8182, Start Num: 17

Candidate Starts for Stargaze_7:

(Start: 17 @7256 has 99 MA's), (26, 7313), (31, 7343), (56, 7475), (64, 7508), (77, 7559), (124, 7757), (167, 7919), (183, 7991), (212, 8156),

Gene: SteamedHams_10 Start: 5412, Stop: 6368, Start Num: 3

Candidate Starts for SteamedHams_10:

(Start: 3 @5412 has 32 MA's), (Start: 17 @5454 has 99 MA's), (56, 5667), (66, 5712), (68, 5721), (87, 5766), (110, 5877), (140, 6003), (154, 6057), (164, 6093), (165, 6096), (173, 6123), (201, 6279), (212, 6324), (213, 6327),

Gene: StewieG_14 Start: 11407, Stop: 12408, Start Num: 4

Candidate Starts for StewieG_14:

(Start: 4 @11407 has 190 MA's), (34, 11551), (46, 11602), (48, 11617), (70, 11737), (76, 11758), (94, 11833), (105, 11893), (117, 11947), (125, 11977), (130, 11995), (151, 12079), (191, 12256), (194, 12295), (196, 12301), (216, 12385),

Gene: StingRay_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for StingRay_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Stinson_13 Start: 7903, Stop: 8838, Start Num: 16

Candidate Starts for Stinson_13:

(Start: 16 @7903 has 377 MA's), (31, 7993), (38, 8020), (59, 8125), (67, 8167), (70, 8179), (72, 8191), (95, 8278), (120, 8392), (180, 8590), (187, 8629), (190, 8647), (197, 8713), (198, 8716), (207, 8749), (212, 8773), (227, 8815),

Gene: StirfryIV_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for StirfryIV_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Stormborn_6 Start: 4641, Stop: 5588, Start Num: 14

Candidate Starts for Stormborn_6:

(Start: 13 @4638 has 3 MA's), (Start: 14 @4641 has 40 MA's), (24, 4689), (31, 4731), (40, 4773), (44, 4785), (54, 4848), (61, 4887), (68, 4917), (77, 4947), (93, 4998), (102, 5055), (131, 5160), (136, 5178), (151, 5250), (156, 5277), (175, 5337), (199, 5481), (206, 5508), (214, 5541),

Gene: Stormbreaker8_6 Start: 4705, Stop: 5697, Start Num: 16

Candidate Starts for Stormbreaker8_6:

(Start: 16 @4705 has 377 MA's), (38, 4822), (50, 4879), (66, 4966), (92, 5065), (127, 5233), (132, 5254), (133, 5260), (181, 5428), (185, 5452), (189, 5476), (197, 5548), (198, 5551),

Gene: Strathdee_6 Start: 4709, Stop: 5635, Start Num: 16

Candidate Starts for Strathdee_6:

(Start: 16 @4709 has 377 MA's), (38, 4826), (42, 4847), (50, 4883), (67, 4976), (69, 4982), (70, 4988), (89, 5048), (101, 5132), (133, 5246), (169, 5372), (185, 5438), (197, 5522), (205, 5549), (227, 5624),

Gene: Strobilo_10 Start: 5947, Stop: 6864, Start Num: 16

Candidate Starts for Strobilo_10:

(Start: 16 @5947 has 377 MA's), (37, 6058), (38, 6064), (44, 6091), (70, 6223), (79, 6253), (81, 6259), (105, 6379), (151, 6559), (185, 6661), (197, 6757), (207, 6793), (210, 6802), (224, 6847),

Gene: StrongArm_14 Start: 12284, Stop: 13303, Start Num: 4

Candidate Starts for StrongArm_14:

(Start: 4 @12284 has 190 MA's), (46, 12479), (48, 12494), (70, 12614), (76, 12635), (94, 12710), (105, 12770), (151, 12956), (190, 13127), (191, 13133), (196, 13190), (203, 13226),

Gene: Sulley_13 Start: 7901, Stop: 8839, Start Num: 16

Candidate Starts for Sulley_13:

(Start: 16 @7901 has 377 MA's), (31, 7991), (38, 8018), (67, 8165), (70, 8177), (72, 8189), (95, 8276), (112, 8360), (120, 8390), (180, 8588), (187, 8627), (197, 8711), (198, 8714), (207, 8747), (212, 8771), (227, 8813),

Gene: SummitAcademy_7 Start: 5169, Stop: 6128, Start Num: 3

Candidate Starts for SummitAcademy_7:

(Start: 3 @5169 has 32 MA's), (Start: 17 @5220 has 99 MA's), (42, 5349), (57, 5436), (66, 5478), (68, 5487), (87, 5532), (103, 5616), (126, 5712), (140, 5769), (154, 5823), (164, 5859), (209, 6072), (212, 6090), (227, 6120),

Gene: Sumter_14 Start: 11150, Stop: 12148, Start Num: 4

Candidate Starts for Sumter_14:

(Start: 4 @11150 has 190 MA's), (34, 11294), (46, 11345), (48, 11360), (70, 11480), (76, 11501), (94, 11576), (105, 11636), (130, 11738), (151, 11822), (182, 11942), (191, 11999), (194, 12038), (196, 12044),

Gene: Sunflower1121_11 Start: 6791, Stop: 7714, Start Num: 16

Candidate Starts for Sunflower1121_11:

(Start: 16 @6791 has 377 MA's), (38, 6908), (44, 6935), (64, 7037), (67, 7055), (70, 7067), (72, 7079), (105, 7223), (182, 7484), (187, 7517), (190, 7535), (197, 7601), (198, 7604), (207, 7637), (223, 7688),

Gene: Sunshine924_14 Start: 11134, Stop: 12132, Start Num: 4

Candidate Starts for Sunshine924_14:

(Start: 4 @11134 has 190 MA's), (34, 11278), (46, 11329), (48, 11344), (70, 11464), (76, 11485), (94, 11560), (105, 11620), (125, 11704), (130, 11722), (151, 11806), (182, 11926), (191, 11983), (194, 12022), (196, 12028),

Gene: Superfresh_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Superfresh_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Supernova_6 Start: 4640, Stop: 5584, Start Num: 14

Candidate Starts for Supernova_6:

(Start: 13 @4637 has 3 MA's), (Start: 14 @4640 has 40 MA's), (24, 4688), (31, 4730), (40, 4772), (44, 4784), (61, 4886), (68, 4916), (77, 4946), (88, 4973), (93, 4997), (104, 5060), (136, 5177), (146, 5213), (151, 5249), (156, 5276), (175, 5336), (195, 5459), (199, 5480), (204, 5498), (206, 5507), (214, 5540),

Gene: Survivors_10 Start: 6147, Stop: 7073, Start Num: 10

Candidate Starts for Survivors_10:

(Start: 10 @6147 has 8 MA's), (38, 6282), (58, 6393), (62, 6414), (66, 6432), (77, 6462), (87, 6486), (94, 6522), (103, 6570), (110, 6597), (124, 6660), (125, 6663), (126, 6666), (154, 6777), (164, 6813), (170, 6831), (173, 6843), (188, 6912), (190, 6927), (200, 6996), (209, 7026),

Gene: SweatNTears_10 Start: 5896, Stop: 6852, Start Num: 3

Candidate Starts for SweatNTears_10:

(Start: 3 @5896 has 32 MA's), (6, 5911), (Start: 17 @5938 has 99 MA's), (41, 6064), (44, 6073), (56, 6151), (66, 6196), (68, 6205), (87, 6250), (94, 6286), (110, 6361), (154, 6541), (164, 6577), (165, 6580), (173, 6607), (201, 6763), (209, 6790), (212, 6808),

Gene: Sweets_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for Sweets_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (33, 7197), (56, 7323), (64, 7356), (124, 7605), (136, 7650), (157, 7737), (170, 7779), (183, 7848), (212, 8013),

Gene: SwissCheese_15 Start: 11595, Stop: 12593, Start Num: 4

Candidate Starts for SwissCheese_15:

(Start: 4 @11595 has 190 MA's), (34, 11739), (46, 11790), (48, 11805), (70, 11925), (76, 11946), (94, 12021), (105, 12081), (130, 12183), (151, 12267), (182, 12387), (191, 12444), (194, 12483), (196, 12489),

Gene: Switzer_16 Start: 11518, Stop: 12531, Start Num: 4

Candidate Starts for Switzer_16:

(Start: 4 @11518 has 190 MA's), (34, 11662), (46, 11713), (48, 11728), (70, 11848), (76, 11869), (94, 11944), (105, 12004), (116, 12055), (117, 12058), (125, 12088), (130, 12106), (151, 12190), (190, 12361), (191, 12367), (196, 12421),

Gene: Swole_17 Start: 12065, Stop: 13072, Start Num: 4

Candidate Starts for Swole_17:

(Start: 4 @12065 has 190 MA's), (48, 12275), (70, 12395), (76, 12416), (94, 12491), (110, 12572), (125, 12635), (130, 12653), (151, 12737), (191, 12914), (196, 12962),

Gene: Syra333_12 Start: 6884, Stop: 7807, Start Num: 16

Candidate Starts for Syra333_12:

(Start: 16 @6884 has 377 MA's), (38, 7001), (44, 7028), (67, 7148), (70, 7160), (72, 7172), (114, 7352), (182, 7577), (187, 7610), (190, 7628), (197, 7694), (198, 7697), (207, 7730), (212, 7754), (223, 7781),

Gene: TBond007_12 Start: 7696, Stop: 8619, Start Num: 16

Candidate Starts for TBond007_12:

(Start: 16 @7696 has 377 MA's), (31, 7786), (38, 7813), (44, 7840), (70, 7972), (81, 8008), (88, 8029), (94, 8068), (105, 8128), (151, 8308), (185, 8410), (187, 8422), (190, 8440), (197, 8506), (224, 8596),

Gene: TClif_12 Start: 6882, Stop: 7805, Start Num: 16

Candidate Starts for TClif_12:

(Start: 16 @6882 has 377 MA's), (31, 6972), (38, 6999), (44, 7026), (67, 7146), (70, 7158), (114, 7350), (120, 7371), (123, 7389), (134, 7431), (144, 7470), (182, 7575), (187, 7608), (190, 7626), (197, 7692), (198, 7695), (207, 7728), (212, 7752),

Gene: TM4_9 Start: 5999, Stop: 6916, Start Num: 16

Candidate Starts for TM4_9:

(Start: 16 @5999 has 377 MA's), (37, 6110), (38, 6116), (44, 6143), (59, 6221), (70, 6275), (79, 6305), (81, 6311), (105, 6431), (112, 6458), (151, 6611), (182, 6692), (185, 6713), (197, 6809), (207, 6845), (210, 6854), (224, 6899),

Gene: Tachez_13 Start: 7897, Stop: 8832, Start Num: 16

Candidate Starts for Tachez_13:

(Start: 16 @7897 has 377 MA's), (31, 7987), (38, 8014), (67, 8161), (70, 8173), (72, 8185), (95, 8272), (112, 8356), (120, 8386), (180, 8584), (187, 8623), (197, 8707), (198, 8710), (207, 8743), (212, 8767), (227, 8809),

Gene: Taheera_7 Start: 7108, Stop: 8043, Start Num: 17

Candidate Starts for Taheera_7:

(Start: 17 @7108 has 99 MA's), (26, 7165), (27, 7168), (29, 7180), (56, 7327), (64, 7360), (91, 7447), (170, 7783), (183, 7852),

Gene: TaiwanKao_13 Start: 7904, Stop: 8839, Start Num: 16

Candidate Starts for TaiwanKao_13:

(Start: 16 @7904 has 377 MA's), (31, 7994), (38, 8021), (67, 8168), (70, 8180), (72, 8192), (95, 8279), (120, 8393), (180, 8591), (187, 8630), (190, 8648), (197, 8714), (198, 8717), (207, 8750), (212, 8774), (227, 8816),

Gene: Taquito_12 Start: 8761, Stop: 9690, Start Num: 16

Candidate Starts for Taquito_12:

(Start: 16 @8761 has 377 MA's), (31, 8851), (37, 8872), (38, 8878), (44, 8905), (54, 8965), (79, 9067), (81, 9073), (94, 9133), (105, 9193), (120, 9250), (135, 9313), (141, 9340), (178, 9433), (187, 9487), (190, 9505), (197, 9571), (212, 9631),

Gene: Tasp14_16 Start: 11835, Stop: 12845, Start Num: 4

Candidate Starts for Tasp14_16:

(Start: 4 @11835 has 190 MA's), (34, 11979), (46, 12030), (48, 12045), (70, 12165), (76, 12186), (94, 12261), (105, 12321), (116, 12372), (125, 12405), (130, 12423), (151, 12507), (190, 12678), (191, 12684), (196, 12738),

Gene: TatarkaPM_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for TatarkaPM_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Teagan_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Teagan_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (92, 5068), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: TeddyBear_6 Start: 4722, Stop: 5648, Start Num: 16

Candidate Starts for TeddyBear_6:

(Start: 16 @4722 has 377 MA's), (38, 4839), (42, 4860), (50, 4896), (67, 4989), (69, 4995), (70, 5001), (89, 5061), (101, 5145), (133, 5259), (169, 5385), (185, 5451), (197, 5535), (205, 5562), (227, 5637),

Gene: Tenda_6 Start: 4720, Stop: 5646, Start Num: 16

Candidate Starts for Tenda_6:

(Start: 16 @4720 has 377 MA's), (38, 4837), (42, 4858), (50, 4894), (67, 4987), (69, 4993), (70, 4999), (89, 5059), (101, 5143), (133, 5257), (169, 5383), (185, 5449), (197, 5533), (205, 5560), (227, 5635),

Gene: Teodoridan_13 Start: 10968, Stop: 11972, Start Num: 4

Candidate Starts for Teodoridan_13:

(Start: 4 @10968 has 190 MA's), (34, 11112), (36, 11121), (46, 11163), (48, 11178), (70, 11298), (76, 11319), (94, 11394), (105, 11454), (130, 11556), (151, 11640), (156, 11670), (182, 11760), (190, 11811), (191, 11817), (196, 11865),

Gene: Terror_7 Start: 7108, Stop: 8043, Start Num: 17

Candidate Starts for Terror_7:

(Start: 17 @7108 has 99 MA's), (26, 7165), (27, 7168), (29, 7180), (56, 7327), (64, 7360), (91, 7447), (170, 7783), (183, 7852),

Gene: TheloniousMonk_17 Start: 12579, Stop: 13598, Start Num: 4

Candidate Starts for TheloniousMonk_17:

(Start: 4 @12579 has 190 MA's), (46, 12774), (48, 12789), (63, 12876), (70, 12909), (76, 12930), (94, 13005), (105, 13065), (151, 13251), (190, 13422), (191, 13428), (196, 13485), (203, 13521),

Gene: Theresita_7 Start: 4724, Stop: 5656, Start Num: 16

Candidate Starts for Theresita_7:

(Start: 16 @4724 has 377 MA's), (27, 4787), (38, 4841), (42, 4862), (54, 4928), (67, 4988), (69, 4994), (70, 5000), (89, 5060), (111, 5177), (117, 5192), (127, 5231), (132, 5252), (170, 5390), (180, 5423), (197, 5534), (198, 5537),

Gene: Thompsone_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Thompsone_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Thor_15 Start: 11420, Stop: 12436, Start Num: 4

Candidate Starts for Thor_15:

(Start: 4 @11420 has 190 MA's), (46, 11615), (48, 11630), (70, 11750), (76, 11771), (94, 11846), (105, 11906), (151, 12092), (190, 12263), (191, 12269), (196, 12326), (203, 12362),

Gene: Thorongil_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Thorongil_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Thyatira_11 Start: 7954, Stop: 8886, Start Num: 16

Candidate Starts for Thyatira_11:

(Start: 16 @7954 has 377 MA's), (38, 8071), (44, 8098), (54, 8158), (62, 8194), (64, 8200), (81, 8266), (95, 8329), (98, 8359), (135, 8506), (197, 8764), (198, 8767), (207, 8800), (212, 8824),

Gene: Tierra_12 Start: 7585, Stop: 8508, Start Num: 16

Candidate Starts for Tierra_12:

(Start: 16 @7585 has 377 MA's), (38, 7702), (67, 7849), (72, 7873), (88, 7918), (98, 7990), (105, 8017), (112, 8044), (144, 8173), (182, 8278), (190, 8329), (197, 8395), (198, 8398), (207, 8431),

Gene: TinSulphur_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for TinSulphur_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: TiniBug_13 Start: 7882, Stop: 8817, Start Num: 16

Candidate Starts for TiniBug_13:

(Start: 16 @7882 has 377 MA's), (31, 7972), (38, 7999), (67, 8146), (70, 8158), (72, 8170), (95, 8257), (120, 8371), (180, 8569), (187, 8608), (190, 8626), (197, 8692), (207, 8728), (212, 8752), (227, 8794),

Gene: Tinyman4_9 Start: 5573, Stop: 6568, Start Num: 16

Candidate Starts for Tinyman4_9:

(Start: 16 @5573 has 377 MA's), (37, 5684), (38, 5690), (42, 5711), (67, 5840), (69, 5846), (70, 5852), (81, 5888), (89, 5912), (92, 5933), (94, 5948), (132, 6122), (179, 6287), (183, 6302), (185, 6320), (197, 6416), (198, 6419),

Gene: Tiri_13 Start: 7942, Stop: 8874, Start Num: 16

Candidate Starts for Tiri_13:

(Start: 16 @7942 has 377 MA's), (31, 8032), (38, 8059), (67, 8206), (70, 8218), (72, 8230), (95, 8317), (112, 8401), (120, 8431), (180, 8629), (187, 8668), (197, 8752), (198, 8755), (207, 8788), (212, 8812), (227, 8854),

Gene: Tolls_10 Start: 5415, Stop: 6371, Start Num: 3

Candidate Starts for Tolls_10:

(Start: 3 @5415 has 32 MA's), (Start: 17 @5457 has 99 MA's), (56, 5670), (66, 5715), (68, 5724), (87, 5769), (110, 5880), (140, 6006), (154, 6060), (164, 6096), (165, 6099), (173, 6126), (201, 6282), (212, 6327), (213, 6330),

Gene: TomBrady_7 Start: 7104, Stop: 8039, Start Num: 17

Candidate Starts for TomBrady_7:

(Start: 17 @7104 has 99 MA's), (26, 7161), (27, 7164), (29, 7176), (50, 7275), (56, 7323), (64, 7356), (77, 7407), (98, 7500), (170, 7779), (178, 7818), (212, 8013),

Gene: TootsiePop_7 Start: 5011, Stop: 5919, Start Num: 16

Candidate Starts for TootsiePop_7:

(Start: 16 @5011 has 377 MA's), (31, 5101), (32, 5104), (38, 5128), (50, 5185), (54, 5215), (72, 5299), (94, 5383), (98, 5416), (131, 5548), (141, 5590), (183, 5707), (184, 5710), (190, 5755), (197, 5809), (201, 5824), (207, 5845),

Gene: Tootsieroll_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Tootsieroll_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Topgun_15 Start: 11325, Stop: 12329, Start Num: 4

Candidate Starts for Topgun_15:

(Start: 4 @11325 has 190 MA's), (34, 11469), (36, 11478), (46, 11520), (48, 11535), (70, 11655), (76, 11676), (94, 11751), (105, 11811), (130, 11913), (151, 11997), (156, 12027), (182, 12117), (190, 12168), (191, 12174), (196, 12222),

Gene: Topper_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Topper_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844),

(227, 8886),

Gene: Tote_17 Start: 12065, Stop: 13072, Start Num: 4

Candidate Starts for Tote_17:

(Start: 4 @12065 has 190 MA's), (48, 12275), (70, 12395), (76, 12416), (94, 12491), (110, 12572), (125, 12635), (130, 12653), (151, 12737), (191, 12914), (196, 12962),

Gene: Totinger_7 Start: 5008, Stop: 5916, Start Num: 16

Candidate Starts for Totinger_7:

(Start: 16 @5008 has 377 MA's), (31, 5098), (32, 5101), (38, 5125), (50, 5182), (54, 5212), (72, 5296), (98, 5413), (131, 5545), (141, 5587), (183, 5704), (184, 5707), (190, 5752), (197, 5806), (201, 5821), (207, 5842),

Gene: Traft412_17 Start: 12246, Stop: 13253, Start Num: 4

Candidate Starts for Traft412_17:

(Start: 4 @12246 has 190 MA's), (34, 12390), (46, 12441), (48, 12456), (70, 12576), (76, 12597), (94, 12672), (105, 12732), (125, 12816), (130, 12834), (151, 12918), (191, 13095), (194, 13134), (196, 13140),

Gene: Treddle_17 Start: 12562, Stop: 13578, Start Num: 4

Candidate Starts for Treddle_17:

(Start: 4 @12562 has 190 MA's), (46, 12757), (48, 12772), (70, 12892), (76, 12913), (94, 12988), (105, 13048), (151, 13234), (190, 13405), (191, 13411), (196, 13468), (203, 13504),

Gene: TreyKay_13 Start: 7898, Stop: 8833, Start Num: 16

Candidate Starts for TreyKay_13:

(Start: 16 @7898 has 377 MA's), (31, 7988), (38, 8015), (67, 8162), (70, 8174), (72, 8186), (95, 8273), (120, 8387), (180, 8585), (187, 8624), (190, 8642), (197, 8708), (198, 8711), (207, 8744), (212, 8768), (227, 8810),

Gene: TribelTrouble_11 Start: 7741, Stop: 8676, Start Num: 16

Candidate Starts for TribelTrouble_11:

(Start: 16 @7741 has 377 MA's), (38, 7858), (44, 7885), (70, 8017), (81, 8053), (94, 8113), (109, 8191), (187, 8467), (190, 8485), (197, 8551), (207, 8587),

Gene: Tripl3t_16 Start: 12247, Stop: 13263, Start Num: 4

Candidate Starts for Tripl3t_16:

(Start: 4 @12247 has 190 MA's), (46, 12442), (48, 12457), (70, 12577), (76, 12598), (94, 12673), (105, 12733), (151, 12919), (190, 13090), (191, 13096), (196, 13153), (203, 13189),

Gene: Troje_8 Start: 5370, Stop: 6326, Start Num: 3

Candidate Starts for Troje_8:

(Start: 3 @5370 has 32 MA's), (6, 5385), (Start: 17 @5412 has 99 MA's), (41, 5538), (44, 5547), (56, 5625), (66, 5670), (68, 5679), (87, 5724), (94, 5760), (110, 5835), (154, 6015), (164, 6051), (165, 6054), (173, 6081), (201, 6237), (209, 6264), (212, 6282),

Gene: Trouble_15 Start: 11897, Stop: 12904, Start Num: 4

Candidate Starts for Trouble_15:

(Start: 4 @11897 has 190 MA's), (34, 12041), (36, 12050), (46, 12092), (48, 12107), (70, 12227), (76, 12248), (105, 12383), (130, 12485), (151, 12569), (156, 12599), (190, 12740), (191, 12746), (196, 12794),

Gene: TruffulaTree_13 Start: 7928, Stop: 8866, Start Num: 16

Candidate Starts for TruffulaTree_13:

(Start: 16 @7928 has 377 MA's), (31, 8018), (38, 8045), (67, 8192), (70, 8204), (72, 8216), (95, 8303), (112, 8387), (120, 8417), (180, 8615), (187, 8654), (197, 8738), (198, 8741), (207, 8774), (212, 8798), (227, 8840),

Gene: Turj99_14 Start: 11339, Stop: 12337, Start Num: 4

Candidate Starts for Turj99_14:

(Start: 4 @11339 has 190 MA's), (34, 11483), (46, 11534), (48, 11549), (70, 11669), (76, 11690), (94, 11765), (105, 11825), (130, 11927), (151, 12011), (182, 12131), (191, 12188), (194, 12227), (196, 12233),

Gene: Twitch_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Twitch_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: TwoPeat_15 Start: 11858, Stop: 12859, Start Num: 4

Candidate Starts for TwoPeat_15:

(Start: 4 @11858 has 190 MA's), (48, 12068), (70, 12188), (76, 12209), (94, 12284), (105, 12344), (125, 12428), (130, 12446), (151, 12530), (191, 12707), (194, 12746), (196, 12752), (216, 12836),

Gene: Typhonomachy_9 Start: 5380, Stop: 6351, Start Num: 3

Candidate Starts for Typhonomachy_9:

(Start: 3 @5380 has 32 MA's), (6, 5395), (Start: 17 @5431 has 99 MA's), (41, 5560), (87, 5746), (94, 5782), (115, 5884), (154, 6037), (173, 6103), (201, 6259), (212, 6304),

Gene: U2_15 Start: 11521, Stop: 12537, Start Num: 4

Candidate Starts for U2_15:

(Start: 4 @11521 has 190 MA's), (46, 11716), (48, 11731), (51, 11746), (63, 11818), (70, 11851), (76, 11872), (94, 11947), (105, 12007), (151, 12193), (190, 12364), (191, 12370), (196, 12427), (203, 12463), (207, 12478),

Gene: UncleRicky_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for UncleRicky_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (197, 5805), (201, 5820), (207, 5841),

Gene: Unicorn_12 Start: 6920, Stop: 7843, Start Num: 16

Candidate Starts for Unicorn_12:

(Start: 16 @6920 has 377 MA's), (21, 6953), (38, 7037), (67, 7184), (72, 7208), (88, 7253), (98, 7325), (101, 7340), (105, 7352), (112, 7379), (144, 7508), (182, 7613), (187, 7646), (190, 7664), (197, 7730), (198, 7733), (207, 7766),

Gene: Urkel_13 Start: 7882, Stop: 8817, Start Num: 16

Candidate Starts for Urkel_13:

(Start: 16 @7882 has 377 MA's), (31, 7972), (38, 7999), (67, 8146), (70, 8158), (72, 8170), (95, 8257), (120, 8371), (180, 8569), (187, 8608), (190, 8626), (197, 8692), (207, 8728), (212, 8752), (227, 8794),

Gene: Validus_13 Start: 6925, Stop: 7860, Start Num: 16

Candidate Starts for Validus_13:

(Start: 16 @6925 has 377 MA's), (38, 7042), (44, 7069), (67, 7189), (70, 7201), (95, 7300), (98, 7330), (112, 7384), (180, 7612), (187, 7651), (197, 7735), (198, 7738), (212, 7795), (224, 7825),

Gene: Velene_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Velene_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Veliki_13 Start: 7974, Stop: 8909, Start Num: 16

Candidate Starts for Veliki_13:

(Start: 16 @7974 has 377 MA's), (31, 8064), (38, 8091), (67, 8238), (70, 8250), (72, 8262), (95, 8349), (112, 8433), (120, 8463), (180, 8661), (187, 8700), (197, 8784), (198, 8787), (207, 8820), (212, 8844), (227, 8886),

Gene: Velveteen_7 Start: 5007, Stop: 5915, Start Num: 16

Candidate Starts for Velveteen_7:

(Start: 16 @5007 has 377 MA's), (31, 5097), (32, 5100), (38, 5124), (50, 5181), (54, 5211), (72, 5295), (98, 5412), (131, 5544), (141, 5586), (183, 5703), (184, 5706), (190, 5751), (192, 5775), (197, 5805), (201, 5820), (207, 5841),

Gene: Vine_9 Start: 6093, Stop: 7052, Start Num: 3

Candidate Starts for Vine_9:

(Start: 3 @6093 has 32 MA's), (Start: 17 @6144 has 99 MA's), (42, 6273), (57, 6360), (66, 6402), (68, 6411), (87, 6456), (103, 6540), (126, 6636), (140, 6693), (154, 6747), (164, 6783), (203, 6975), (209, 6996), (212, 7014), (227, 7044),

Gene: Violet_14 Start: 12156, Stop: 13160, Start Num: 4

Candidate Starts for Violet_14:

(Start: 4 @12156 has 190 MA's), (34, 12300), (36, 12309), (46, 12351), (48, 12366), (70, 12486), (76, 12507), (94, 12582), (105, 12642), (130, 12744), (151, 12828), (156, 12858), (182, 12948), (190, 12999), (191, 13005), (196, 13053),

Gene: Vispistious_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Vispistious_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Volt_41 Start: 15254, Stop: 16228, Start Num: 16

Candidate Starts for Volt_41:

(Start: 16 @15254 has 377 MA's), (28, 15326), (31, 15344), (38, 15371), (88, 15587), (109, 15704), (126, 15773), (153, 15881), (159, 15908), (165, 15929), (184, 16010), (187, 16037), (197, 16109), (198, 16112), (208, 16148),

Gene: Waterfoul_11 Start: 7976, Stop: 8908, Start Num: 16

Candidate Starts for Waterfoul_11:

(Start: 16 @7976 has 377 MA's), (38, 8093), (44, 8120), (54, 8180), (62, 8216), (64, 8222), (81, 8288), (95, 8351), (98, 8381), (135, 8528), (197, 8786), (198, 8789), (207, 8822), (212, 8846),

Gene: Watermelon_17 Start: 12447, Stop: 13457, Start Num: 4

Candidate Starts for Watermelon_17:

(Start: 4 @12447 has 190 MA's), (34, 12591), (46, 12642), (48, 12657), (70, 12777), (76, 12798), (94, 12873), (105, 12933), (116, 12984), (125, 13017), (130, 13035), (151, 13119), (190, 13290), (191, 13296), (196, 13350), (216, 13434),

Gene: WestPM_8 Start: 5411, Stop: 6406, Start Num: 16

Candidate Starts for WestPM_8:

(Start: 16 @5411 has 377 MA's), (31, 5501), (37, 5522), (38, 5528), (39, 5540), (42, 5549), (67, 5678), (69, 5684), (70, 5690), (89, 5750), (92, 5771), (94, 5786), (132, 5960), (179, 6125), (183, 6140), (191, 6194), (197, 6254), (198, 6257),

Gene: Wheeler_15 Start: 11614, Stop: 12630, Start Num: 4

Candidate Starts for Wheeler_15:

(Start: 4 @11614 has 190 MA's), (46, 11809), (48, 11824), (51, 11839), (63, 11911), (70, 11944), (76, 11965), (94, 12040), (105, 12100), (151, 12286), (190, 12457), (191, 12463), (196, 12520), (203, 12556),

Gene: Whitney_7 Start: 4897, Stop: 5835, Start Num: 17

Candidate Starts for Whitney_7:

(Start: 17 @4897 has 99 MA's), (24, 4939), (25, 4942), (43, 5032), (60, 5134), (80, 5206), (82, 5209), (125, 5398), (167, 5551), (170, 5563), (181, 5626), (189, 5680), (209, 5785), (213, 5806),

Gene: WildNOut_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for WildNOut_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Wilkins_15 Start: 11325, Stop: 12329, Start Num: 4

Candidate Starts for Wilkins_15:

(Start: 4 @11325 has 190 MA's), (34, 11469), (36, 11478), (46, 11520), (48, 11535), (70, 11655), (76, 11676), (94, 11751), (105, 11811), (130, 11913), (151, 11997), (156, 12027), (182, 12117), (190, 12168), (191, 12174), (196, 12222),

Gene: WilliamStrong_6 Start: 5769, Stop: 6749, Start Num: 16

Candidate Starts for WilliamStrong_6:

(Start: 16 @5769 has 377 MA's), (27, 5832), (31, 5859), (37, 5880), (38, 5886), (42, 5907), (50, 5943), (67, 6036), (69, 6042), (70, 6048), (126, 6294), (127, 6297), (179, 6483), (197, 6600), (198, 6603), (230, 6714), (232, 6744),

Gene: Wintermute_14 Start: 9164, Stop: 10093, Start Num: 16

Candidate Starts for Wintermute_14:

(Start: 16 @9164 has 377 MA's), (31, 9254), (37, 9275), (38, 9281), (44, 9308), (54, 9368), (79, 9470), (81, 9476), (94, 9536), (105, 9596), (120, 9653), (135, 9716), (141, 9743), (178, 9836), (187, 9890), (190, 9908), (197, 9974), (212, 10034),

Gene: Winzigespinne_6 Start: 4707, Stop: 5633, Start Num: 16

Candidate Starts for Winzigespinne_6:

(Start: 16 @4707 has 377 MA's), (38, 4824), (42, 4845), (50, 4881), (67, 4974), (69, 4980), (70, 4986), (89, 5046), (101, 5130), (133, 5244), (169, 5370), (185, 5436), (197, 5520), (205, 5547), (227, 5622),

Gene: Wizzo_6 Start: 4645, Stop: 5592, Start Num: 14

Candidate Starts for Wizzo_6:

(Start: 13 @4642 has 3 MA's), (Start: 14 @4645 has 40 MA's), (24, 4693), (31, 4735), (44, 4789), (61, 4891), (68, 4921), (78, 4954), (93, 5002), (102, 5059), (129, 5158), (136, 5182), (146, 5218), (151, 5254), (156, 5281), (175, 5341), (199, 5485), (204, 5503), (206, 5512), (214, 5545),

Gene: Ximenita_13 Start: 7063, Stop: 7986, Start Num: 16

Candidate Starts for Ximenita_13:

(Start: 16 @7063 has 377 MA's), (38, 7180), (44, 7207), (64, 7309), (67, 7327), (70, 7339), (72, 7351), (120, 7552), (182, 7756), (187, 7789), (190, 7807), (197, 7873), (198, 7876), (207, 7909), (223, 7960),

Gene: Y10_14 Start: 9164, Stop: 10093, Start Num: 16

Candidate Starts for Y10_14:

(Start: 16 @9164 has 377 MA's), (31, 9254), (37, 9275), (38, 9281), (44, 9308), (54, 9368), (79, 9470), (81, 9476), (94, 9536), (101, 9584), (105, 9596), (120, 9653), (135, 9716), (141, 9743), (178, 9836), (187, 9890), (190, 9908), (197, 9974), (212, 10034),

Gene: Y2_14 Start: 9164, Stop: 10093, Start Num: 16

Candidate Starts for Y2_14:

(Start: 16 @9164 has 377 MA's), (31, 9254), (37, 9275), (38, 9281), (44, 9308), (54, 9368), (79, 9470), (81, 9476), (94, 9536), (101, 9584), (105, 9596), (120, 9653), (135, 9716), (141, 9743), (178, 9836), (187, 9890), (190, 9908), (197, 9974), (212, 10034),

Gene: Yakult_9 Start: 5335, Stop: 6264, Start Num: 8

Candidate Starts for Yakult_9:

(Start: 8 @5335 has 6 MA's), (24, 5401), (44, 5497), (49, 5524), (66, 5620), (68, 5629), (71, 5635), (80, 5659), (87, 5674), (94, 5710), (103, 5758), (125, 5851), (154, 5965), (164, 6001), (165, 6004), (201, 6187),

Gene: Yarn_7 Start: 5405, Stop: 6361, Start Num: 3

Candidate Starts for Yarn_7:

(Start: 3 @5405 has 32 MA's), (Start: 17 @5447 has 99 MA's), (56, 5660), (66, 5705), (68, 5714), (87, 5759), (110, 5870), (140, 5996), (154, 6050), (164, 6086), (165, 6089), (173, 6116), (201, 6272), (212, 6317), (213, 6320),

Gene: Yoshi_7 Start: 4877, Stop: 5812, Start Num: 17

Candidate Starts for Yoshi_7:

(Start: 17 @4877 has 99 MA's), (25, 4922), (26, 4931), (35, 4976), (43, 5012), (60, 5114), (82, 5189), (122, 5369), (140, 5435), (167, 5531), (176, 5564), (177, 5582), (181, 5606), (187, 5648), (204, 5747), (209, 5765), (213, 5786),

Gene: YoureAdopted_12 Start: 7904, Stop: 8842, Start Num: 16

Candidate Starts for YoureAdopted_12:

(Start: 16 @7904 has 377 MA's), (31, 7994), (38, 8021), (67, 8168), (70, 8180), (72, 8192), (95, 8279), (112, 8363), (120, 8393), (180, 8591), (187, 8630), (197, 8714), (198, 8717), (207, 8750), (212, 8774), (227, 8816),

Gene: Yummy_9 Start: 5276, Stop: 6229, Start Num: 3

Candidate Starts for Yummy_9:

(Start: 3 @5276 has 32 MA's), (6, 5291), (Start: 17 @5318 has 99 MA's), (41, 5444), (44, 5453), (56, 5531), (66, 5576), (68, 5585), (87, 5630), (94, 5666), (110, 5741), (154, 5921), (164, 5957), (165, 5960), (173, 5987), (201, 6143), (209, 6170), (212, 6188),

Gene: Yuna_13 Start: 7051, Stop: 7974, Start Num: 16

Candidate Starts for Yuna_13:

(Start: 16 @7051 has 377 MA's), (31, 7141), (37, 7162), (38, 7168), (44, 7195), (64, 7297), (67, 7315), (72, 7339), (98, 7456), (101, 7471), (144, 7639), (180, 7738), (182, 7744), (187, 7777), (197, 7861), (198, 7864), (207, 7897), (212, 7921),

Gene: Yunkel11_13 Start: 6888, Stop: 7817, Start Num: 16

Candidate Starts for Yunkel11_13:

(Start: 16 @6888 has 377 MA's), (31, 6978), (38, 7005), (67, 7152), (70, 7164), (72, 7176), (95, 7263), (120, 7377), (180, 7575), (187, 7614), (197, 7698), (198, 7701), (207, 7734), (212, 7758), (223, 7785), (227, 7800),

Gene: YuuY_6 Start: 5002, Stop: 5949, Start Num: 16

Candidate Starts for YuuY_6:

(Start: 16 @5002 has 377 MA's), (38, 5119), (39, 5131), (42, 5140), (44, 5146), (50, 5176), (54, 5209), (89, 5341), (96, 5389), (101, 5425), (126, 5521), (127, 5524), (170, 5683), (197, 5827),

Gene: Zabiza_13 Start: 7929, Stop: 8867, Start Num: 16

Candidate Starts for Zabiza_13:

(Start: 16 @7929 has 377 MA's), (31, 8019), (38, 8046), (67, 8193), (70, 8205), (72, 8217), (95, 8304), (112, 8388), (120, 8418), (180, 8616), (187, 8655), (197, 8739), (198, 8742), (207, 8775), (212, 8799), (227, 8841),

Gene: Zada_6 Start: 4708, Stop: 5634, Start Num: 16

Candidate Starts for Zada_6:

(Start: 16 @4708 has 377 MA's), (38, 4825), (42, 4846), (50, 4882), (67, 4975), (69, 4981), (70, 4987), (89, 5047), (101, 5131), (133, 5245), (169, 5371), (180, 5410), (185, 5437), (197, 5521), (205, 5548), (227, 5623),

Gene: Zapner_8 Start: 5402, Stop: 6337, Start Num: 17

Candidate Starts for Zapner_8:

(Start: 17 @5402 has 99 MA's), (25, 5447), (26, 5456), (35, 5501), (43, 5537), (60, 5639), (82, 5714), (122, 5894), (140, 5960), (167, 6056), (176, 6089), (177, 6107), (181, 6131), (187, 6173), (204, 6272), (209, 6290), (213, 6311),

Gene: Zareef_12 Start: 6294, Stop: 7220, Start Num: 10

Candidate Starts for Zareef_12:

(Start: 10 @6294 has 8 MA's), (38, 6429), (58, 6540), (66, 6579), (77, 6609), (87, 6633), (94, 6669), (103, 6717), (110, 6744), (124, 6807), (125, 6810), (126, 6813), (154, 6924), (164, 6960), (170, 6978), (173, 6990), (188, 7059), (190, 7074), (200, 7143), (209, 7173),

Gene: Zavala_13 Start: 7913, Stop: 8848, Start Num: 16

Candidate Starts for Zavala_13:

(Start: 16 @7913 has 377 MA's), (31, 8003), (38, 8030), (67, 8177), (70, 8189), (72, 8201), (95, 8288), (112, 8372), (120, 8402), (180, 8600), (187, 8639), (197, 8723), (198, 8726), (207, 8759), (212, 8783), (227, 8825),

Gene: Zayuliv_8 Start: 5173, Stop: 6153, Start Num: 16

Candidate Starts for Zayuliv_8:

(Start: 16 @5173 has 377 MA's), (37, 5284), (38, 5290), (42, 5311), (59, 5398), (69, 5446), (81, 5488), (89, 5512), (110, 5629), (126, 5698), (127, 5701), (179, 5887), (183, 5902), (185, 5920), (197, 6004), (198, 6007), (232, 6148),

Gene: Zeeculate_14 Start: 11309, Stop: 12316, Start Num: 4

Candidate Starts for Zeeculate_14:

(Start: 4 @11309 has 190 MA's), (34, 11453), (46, 11504), (48, 11519), (70, 11639), (76, 11660), (94, 11735), (105, 11795), (125, 11879), (130, 11897), (151, 11981), (191, 12158), (194, 12197), (196, 12203),

Gene: Zenitsu_6 Start: 4889, Stop: 5845, Start Num: 16

Candidate Starts for Zenitsu_6:

(Start: 16 @4889 has 377 MA's), (30, 4976), (38, 5006), (39, 5018), (42, 5027), (54, 5096), (89, 5228), (101, 5312), (127, 5411), (132, 5432), (186, 5633), (197, 5714),

Gene: Zephyr_15 Start: 11449, Stop: 12465, Start Num: 4

Candidate Starts for Zephyr_15:

(Start: 4 @11449 has 190 MA's), (46, 11644), (48, 11659), (51, 11674), (63, 11746), (70, 11779), (76, 11800), (94, 11875), (105, 11935), (151, 12121), (190, 12292), (191, 12298), (196, 12355), (203, 12391), (207, 12406),

Gene: Zepp_9 Start: 5188, Stop: 6168, Start Num: 16

Candidate Starts for Zepp_9:

(Start: 16 @5188 has 377 MA's), (37, 5299), (38, 5305), (42, 5326), (59, 5413), (69, 5461), (81, 5503), (89, 5527), (110, 5644), (126, 5713), (127, 5716), (179, 5902), (183, 5917), (185, 5935), (197, 6019), (198, 6022), (232, 6163),

Gene: Zeuska_16 Start: 12127, Stop: 13125, Start Num: 4

Candidate Starts for Zeuska_16:

(Start: 4 @12127 has 190 MA's), (34, 12271), (46, 12322), (48, 12337), (70, 12457), (76, 12478), (94, 12553), (105, 12613), (125, 12697), (130, 12715), (151, 12799), (182, 12919), (191, 12976), (194, 13015), (196, 13021),

Gene: Ziko_42 Start: 15194, Stop: 16168, Start Num: 16

Candidate Starts for Ziko_42:

(Start: 16 @15194 has 377 MA's), (28, 15266), (31, 15284), (38, 15311), (88, 15527), (109, 15644), (126, 15713), (153, 15821), (159, 15848), (165, 15869), (184, 15950), (187, 15977), (197, 16049), (198, 16052), (208, 16088),

Gene: ZoMa_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for ZoMa_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),

Gene: ZoeJ_9 Start: 5897, Stop: 6814, Start Num: 16

Candidate Starts for ZoeJ_9:

(Start: 16 @5897 has 377 MA's), (37, 6008), (38, 6014), (44, 6041), (70, 6173), (79, 6203), (81, 6209), (101, 6317), (105, 6329), (120, 6386), (141, 6476), (180, 6584), (182, 6590), (185, 6611), (187, 6623), (197, 6707), (207, 6743), (212, 6767), (223, 6794),

Gene: Zombie_7 Start: 7103, Stop: 8038, Start Num: 17

Candidate Starts for Zombie_7:

(Start: 17 @7103 has 99 MA's), (26, 7160), (27, 7163), (29, 7175), (50, 7274), (56, 7322), (64, 7355), (77, 7406), (98, 7499), (170, 7778), (178, 7817), (212, 8012),