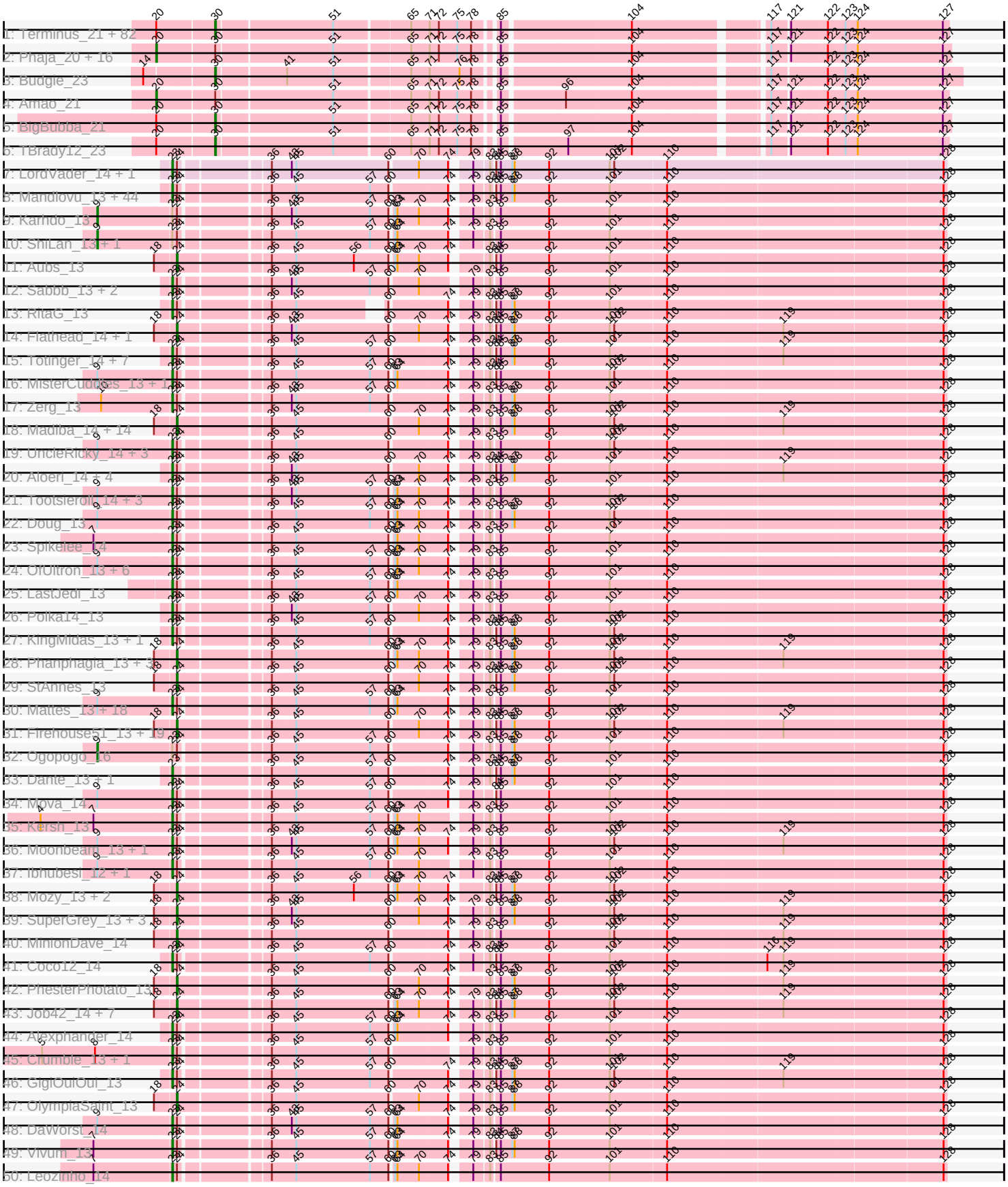
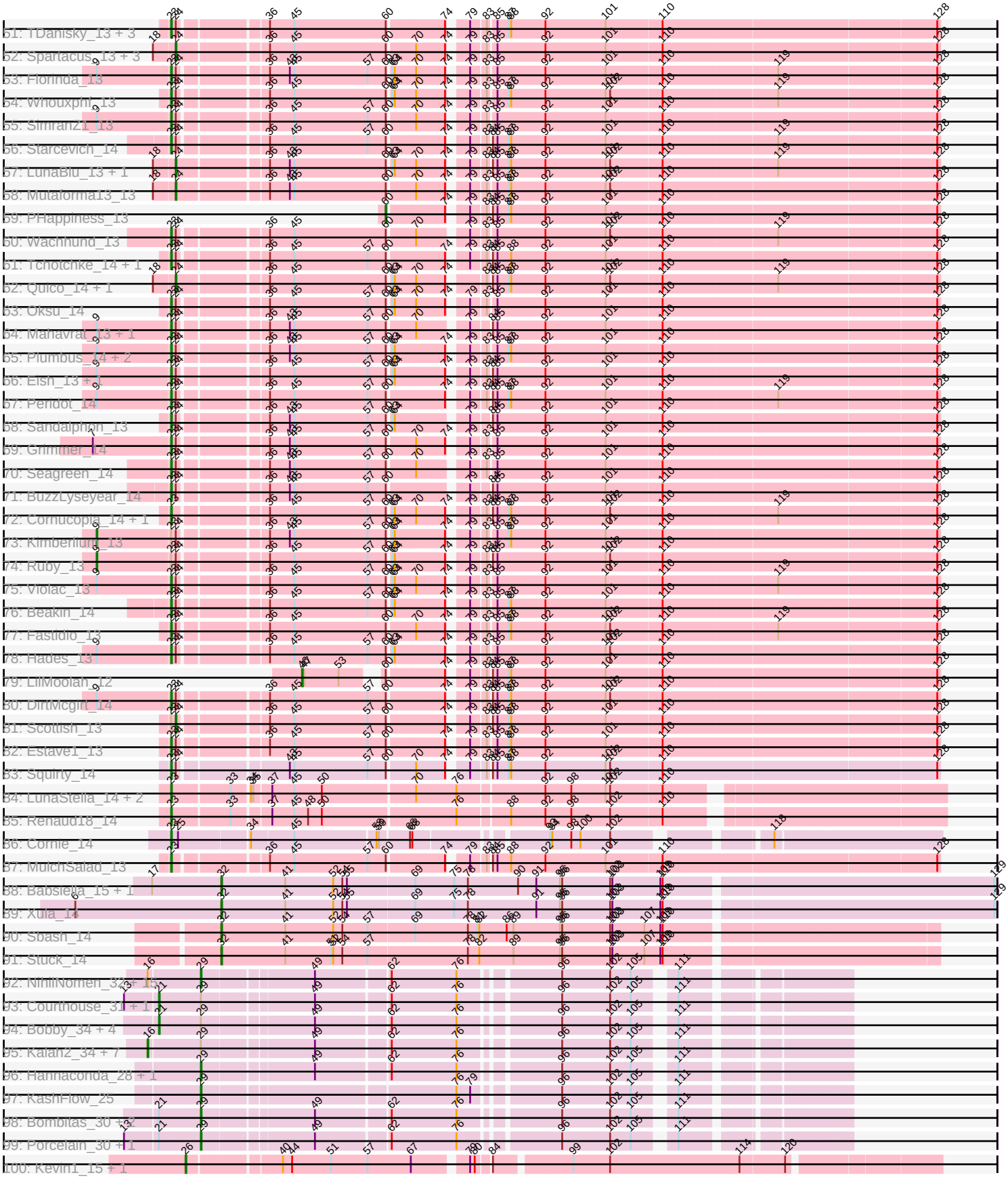
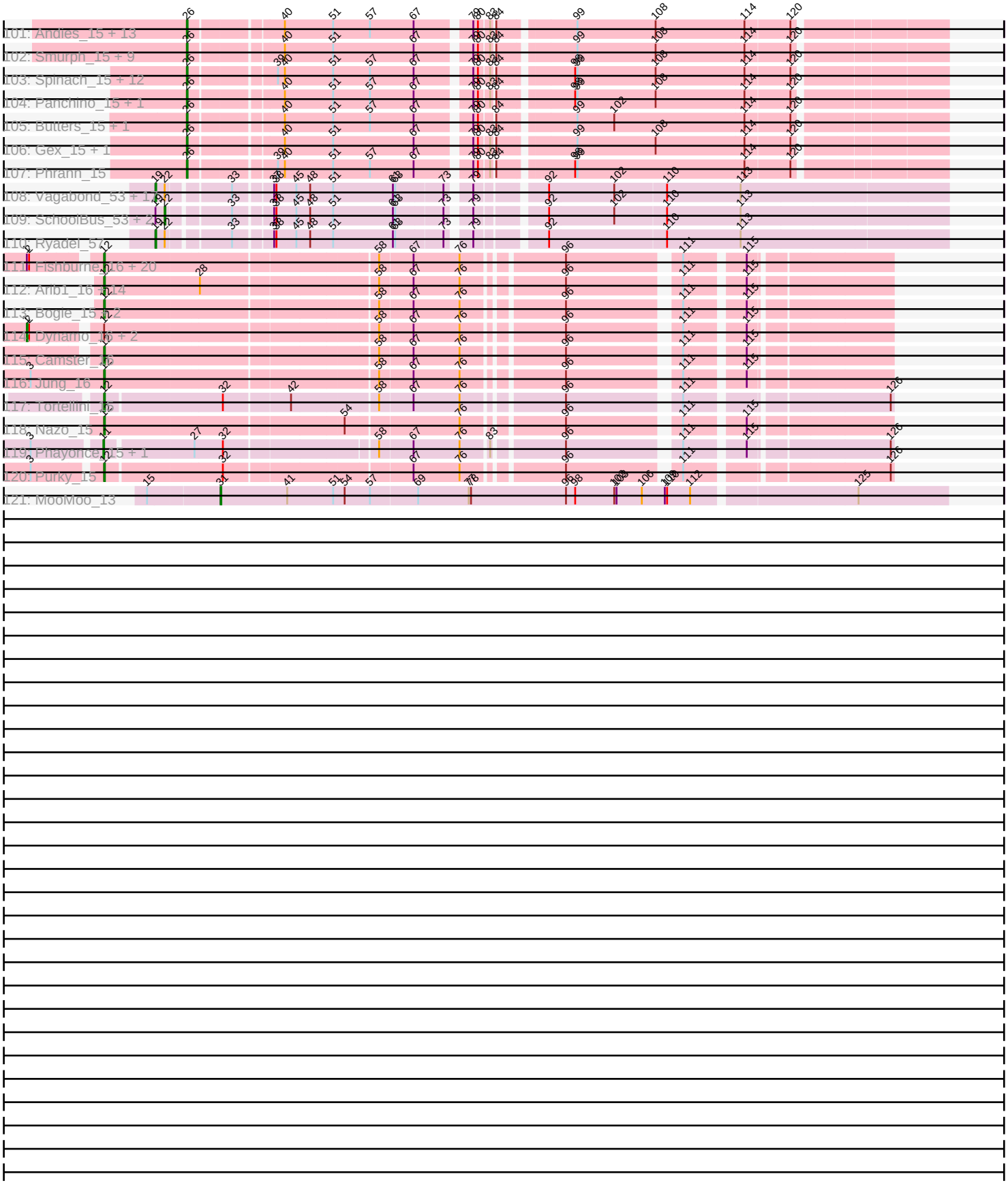
Pham 347076


1: Terminus_21 + 82
2: Phaja_20 + 16
3: Budgie_23
4: Amao_21
5: BigBubba_21
6: TBrady12_23
7: LordVader_14 + 1
8: Mandlovu_13 + 44
9: Kamdo_13
10: ShiLan_13 + 1
11: Aubs_13
12: Sabbb_13 + 2
13: RitaG_13
14: Flathead_14 + 1
15: Totinger_14 + 7
16: MisterCuddles_13 + 1
17: Zerg_13
18: Madiba_14 + 14
19: UncleRicky_14 + 3
20: Aloeri_14 + 4
21: Tootsieroll_14 + 3
22: Doug_13
23: Spikelee_14
24: OfOltron_13 + 6
25: LastJedi_13
26: Polka14_13
27: KingMidas_13 + 1
28: Phanphagia_13 + 3
29: StAnnes_13
30: Mattes_13 + 18
31: Firehouse51_13 + 19
32: Ogopogo_16
33: Dante_13 + 1
34: Mova_14
35: Kersh_13
36: Moonbeam_13 + 1
37: Ibnubesi_12 + 1
38: Mozy_13 + 2
39: SuperGrey_13 + 3
40: MinionDave_14
41: Coco12_14
42: PhesterPhotato_13
43: Job42_14 + 7
44: Alexphander_14
45: Crumble_13 + 1
46: GigiOuiOui_13
47: OlympiaSaint_13
48: DaWorst_14
49: Vivum_13
50: Leozinho_14

Pham 347076



Pham 347076


101: Andies_15 + 13
102: Smurph_15 + 9
103: Spinach_15 + 12
104: Panchino_15 + 1
105: Butters_15 + 1
106: Gex_15 + 1
107: Phrann_15
108: Vagabond_53 + 1
109: SchoolBus_53 + 2
110: Ryadel_57
111: Fishbourne_16 + 20
112: Ambi_16 + 14
113: Bogie_15 + 2
114: Dynamo_16 + 2
115: Camster_16
116: Jung_16
117: Tortellini_16
118: Nazo_15
119: Phayonce_15 + 1
120: Purky_15
121: MooMoo_13

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 347076 Report

This analysis was run 11/14/26 on database version 672.

Pham number 347076 has 507 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Terminus_21, Goldilocks_22, Brewer_21, Command613_22, HanKaySha_22, Xandras_23, TeamEdward_21, YassJohnny_21, Traaww1_18, Holt_22, Thimble_21, Youngblood_21, Adnama_23, Marshmallow_21, Flypotenuse_19, Buck_20, Miniwave_21, Asriel_20, FairyPath_21, Lilizi_23, MPhalcon_20, Cookies_21, Icee_20, MollyToe_21, BadStone_20, Inca_20, Gemini_23, Filch_22, Moldemort_22, Emmina_21, NonchalantPear_21, Palpatine_20, FireRed_20, Barbarian_20, Sotrice96_21, NelitzaMV_21, Tomaszewski_20, Simpliphy_22, Murica_19, GooberAzure_23, AmericanBeauty_23, Elite2014_20, Bench_23, Hoonter_23, Thresher_22, Misfit_21, ChosenOne_20, DoctorDiddles_21, Henry_20, ChotaBhai_21, Paperbeatsrock_23, Policronamos_20, Harella_19, Lilpickle_20, Argent26_23, ShamWow_21, MadamMonkfish_21, Highbury_22, NoSleep_22, BilboSwaggins_21, MISSy_20, OrionPax_22, Willez_20, Cactus_22, Stark_22, Balomoji_20, Gage_23, JeTaime_23, Saints25_22, Kimchi_23, Stank_23, ShereKhan_23, Easy2Say_22, StolenFromERC_23, Tuco_21, Quallification_22, Rimmer_20, xkcd_21, Wiggin_23, TeardropMSU_20, GoldenSpark_23, Sassay_20, Tarkin_23
• Track 2 : Phaja_20, Myrale_21, ABCat_20, IHOP_20, Teaspoon_21, Pharsalus_22, Gator_19, StellaBean_21, Czyszczon1_22, CrystalP_21, Hopey_22, Nimrod_21, SophKB_21, Glexan_19, Maxxinista_22, Dusk_20, Kanye_23
• Track 3 : Budgie_23
• Track 4 : Amao_21
• Track 5 : BigBubba_21
• Track 6 : TBrady12_23
• Track 7 : LordVader_14, Frankie_14
• Track 8 : Mandlovu_13, JalFarm20_14, Clifton_13, Rockne_13, BlueCrab_13, Beanstalk_14, Cerasum_14, VRedHorse_13, Pacc40_13, Gandalph_13, Phatniss_13, Strokeseat_13, OwlsT2W_14, BigPhil_14, Daenerys_13, Radiance_13, Nitzel_14, Pippy_12, Nimbo_13, Lucia_14, Blexus_13, Geralt_13, Gorge_13, Brookers_14, Hlubikazi_13, Inventum_13, Pollywog_14, Dorothy_13, Leperchaun_13, Velveteen_14, Eradicator_13, JoeyJr_13, OldBen_13, Brocalys_13, Deb65_13, DaddyRickover_13, Saal_13, Jennelsea_13, BodEinwohner17_13, Cheesepuff_13, Sarma624_14, Sassafras_13, Latretium_13, Kingsley_14, Koella_13
• Track 9 : Karhdo_13
• Track 10 : ShiLan_13, ByChance_13
• Track 11 : Aubs_13
• Track 12 : Sabbb_13, Poenanya_13, Doomphist_13
• Track 13 : RitaG_13

• Track 14 : Flathead_14, Brushbloom_14
• Track 15 : Totinger_14, LittleShirley_14, Emmaloid_14, DosHalletts_14, Slim_14, Awesomesauce_14, PhlipPhlop_13, Piper2020_14
• Track 16 : MisterCuddles_13, Girr_13
• Track 17 : Zerg_13
• Track 18 : Madiba_14, MilanaBonita_14, NewHope4_13, DotProduct_13, EleanorGeorge_13, XFactor_13, ShroomBoi_13, Phalconet_13, Hamulus_13, Phasih_13, Bipolar_13, DillTech15_13, Ardmore_12, Akhila_14, Filuzino_13
• Track 19 : UncleRicky_14, Lorde_14, Enby_14, Drago_14
• Track 20 : Aloeri_14, TootsiePop_14, ChickenDinner_14, DocMcStuffins_14, Misha28_14
• Track 21 : Tootsieroll_14, Ramsey_14, Stap_14, RockyHorror_14
• Track 22 : Doug_13
• Track 23 : Spikelee_14
• Track 24 : OfUltron_13, Nichirin_13, Modragons_13, Seabastian_13, Fancypants_13, Llama_13, Ochi17_13
• Track 25 : LastJedi_13
• Track 26 : Polka14_13
• Track 27 : KingMidas_13, IbOuu_13
• Track 28 : Phanphagia_13, Shauna1_12, Bobi_14, Krakatau_14
• Track 29 : StAnnes_13
• Track 30 : Mattes_13, Nivrat_13, BobaPhett_13, Burwell21_13, Maravista_13, Donkeykong_12, ShowerHandel_13, Bubbles123_13, SwagPigglett_13, Philus_13, Yorick_13, Jarcob_13, Martik_13, Zizzle_13, James_13, FreddyB_13, Cabrinians_13, Priscilla_13, Lizziana_13
• Track 31 : Firehouse51_13, GUmbie_12, Taj_13, Chuckly_13, Royals2015_13, KristaRAM_14, Ovechkin_13, DeadP_13, SassyB_13, Whatsapiecost_13, Veteran_13, Melissauren88_13, QuickMath_13, PopTart_13, SG4_13, Tweety_12, Byougenkin_13, CaptainTrips_14, Fruitloop_13, Wee_12
• Track 32 : Ogopogo_16
• Track 33 : Dante_13, Che8_13
• Track 34 : Mova_14
• Track 35 : Kersh_13
• Track 36 : Moonbeam_13, Rialto_14
• Track 37 : Ibhubesi_12, Harley_13
• Track 38 : Mozy_13, ArcusAngelus_13, Chevrolet_13
• Track 39 : SuperGrey_13, DoRead_13, Rita_13, Kenuha5_13
• Track 40 : MinionDave_14
• Track 41 : Coco12_14
• Track 42 : PhesterPhotato_13
• Track 43 : Job42_14, DLane_12, MilleniumForce_14, SiSi_13, Batiatus_13, Emma_13, KingJulian_13, Galactic_13
• Track 44 : Alexphander_14
• Track 45 : Crumble_13, NormanBulbieJr_13
• Track 46 : GigiOuiOui_13
• Track 47 : OlympiaSaint_13
• Track 48 : DaWorst_14
• Track 49 : Vivum_13
• Track 50 : Leozinho_14
• Track 51 : TDanisky_13, MadMen_13, Sparkdehlily_13, DRBy19_13
• Track 52 : Spartacus_13, Guppsters_13, WillSterrel_13, IrishSherpFalk_13
• Track 53 : Florinda_13
• Track 54 : Whouxphf_13

• Track 55 : SimranZ1_13
• Track 56 : Starcevich_14
• Track 57 : LunaBlu_13, Hegedechwinu_14
• Track 58 : Mutaforma13_13
• Track 59 : PHappiness_13
• Track 60 : Wachhund_13
• Track 61 : Tchotchke_14, Mantra_13
• Track 62 : Quico_14, Girafales_14
• Track 63 : Oksu_14
• Track 64 : Mahavrat_13, Juniper1_13
• Track 65 : Plumbus_14, Juice456_14, MulchExplorer_14
• Track 66 : Eish_13, Spoonbill_13
• Track 67 : Peridot_14
• Track 68 : Sandalphon_13
• Track 69 : Grimmer_14
• Track 70 : Seagreen_14
• Track 71 : BuzzLyseyear_14
• Track 72 : Cornucopia_14, Marker_14
• Track 73 : Kimberlium_13
• Track 74 : Ruby_13
• Track 75 : Violac_13
• Track 76 : Beakin_14
• Track 77 : Fastidio_13
• Track 78 : Hades_13
• Track 79 : LilMoolah_12
• Track 80 : DirtMcgirt_14
• Track 81 : Scottish_13
• Track 82 : Estave1_13
• Track 83 : Squirty_14
• Track 84 : LunaStella_14, ThetaBob_14, TChen_14
• Track 85 : Renaud18_14
• Track 86 : Cornie_14
• Track 87 : MulchSalad_13
• Track 88 : Babsiella_15, QueenHazel_15
• Track 89 : Xula_14
• Track 90 : Sbash_14
• Track 91 : Stuck_14
• Track 92 : NihilNomen_32, Phoebus_33, Zelink_34, Dallas_33, Yeet_31, Optimus_31, ThreeRngTarjay_32, Constella_28, Ejimix_34, Thibault_29, HokkenD_28, Hidrated_33, EricMillard_33, Klein_33, DmpstrDiver_32, Beem_33
• Track 93 : Courthouse_31, MiaZeal_30
• Track 94 : Bobby_34, Dove_31, Ariel_31, Hughesyang_32, Lucky2013_31
• Track 95 : Kalah2_34, Wanda_34, BAKA_29, JuicyJay_34, Minerva_33, Duke13_30, Halley_33, Redno2_32
• Track 96 : Hannaconda_28, LittleE_30
• Track 97 : KashFlow_25
• Track 98 : Bombitas_30, Squint_30, Schatzie_31
• Track 99 : Porcelain_30, Superphikiman_31
• Track 100 : Kevin1_15, MichelleMyBell_15
• Track 101 : Andies_15, Bosection6_15, Fulbright_15, Journey_15, Melville_15, Charlie_15, Silvy_15, Magsby_15, Philonius_15, Cubone_15, Xeno_15, Aggie_15, Chewbacca_15, Tapioca_15

• Track 102 : Smurph_15, Phloss_15, Schnauzer_15, Carcharodon_15, Parmesanjohn_15, Silvafighter_15, Duplicity_15, Xerxes_15, Tortoise12_15, Pipsqueaks_15
• Track 103 : Spinach_15, Rebel_15, Redi_15, PhancyPhin_15, Shweta_15, ShrimpFriedEgg_15, Snekmaggedon_15, Nenae_15, Raymond7_15, Jamie19_15, Hanako_15, BabeRuth_15, SpongeBob_15
• Track 104 : Panchino_15, SkinnyPete_15
• Track 105 : Butters_15, Rubeelu_15
• Track 106 : Gex_15, EGUnicorn_15
• Track 107 : Phrann_15
• Track 108 : Vagabond_53, Krili_52, NiebruSaylor_52, Shida_53, Mori_52, Alkhayr_53, Murai_53, Famílton_54, Winget_54, TelAviv_50, Catdawg_53, Blessica_54, KingPhillip3_53, Zebo_53, YungJamal_56, Imara_53, Zakhe101_53, Vorrps_51
• Track 109 : SchoolBus_53, Smooch_55, JangDynasty_53
• Track 110 : Ryadel_57
• Track 111 : Fishburne_16, Langerak_16, Bhagsy_16, Atcoo_16, Jebeks_16, Etoile_16, GreaseLightnin_16, Necropolis_16, Bartholomew_16, Venti_16, Brusacoram_16, Ksquared_15, Bunnies_16, Xavia_16, Thespis_16, Phineas_16, StevieRay_16, Kari_16, Juniormint_16, Willsammy_16, Zilizebeth_16
• Track 112 : Arib1_16, CactusJack_16, Sonah_16, Techage_16, Gavriela_16, Megiddo_16, KilKor_16, Donovan_16, Phalm_16, Glaske_16, Mangethe_16, Majeke_16, StressBall_16, Phegasus_16, Malithi_16
• Track 113 : Bogie_15, Shipwreck_15, Pygmy_15
• Track 114 : Dynamo_16, FirstPlacePfu_16, HUHilltop_16
• Track 115 : Camster_16
• Track 116 : Jung_16
• Track 117 : Tortellini_15
• Track 118 : Nazo_15
• Track 119 : Phayonce_15, ThulaThula_15
• Track 120 : Purky_15
• Track 121 : MooMoo_13

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

The start number called the most often in the published annotations is 23, it was called in 162 of the 506 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alexphander_14, Aloeri_14, Awesomesauce_14, Beakin_14, Beanstalk_14, BigPhil_14, Blexus_13, BlueCrab_13, BobaPhett_13, BodEinwohner17_13, Brocalys_13, Brookers_14, Bubbles123_13, Burwell21_13, BuzzLyseyear_14, Cabrinians_13, Cerasum_14, Che8_13, Cheesepuff_13, ChickenDinner_14, Clifton_13, Coco12_14, Cornie_14, Cornucopia_14, Crumble_13, DRBy19_13, DaWorst_14, DaddyRickover_13, Daenerys_13, Dante_13, Deb65_13, DirtMcgirt_14, DocMcStuffins_14, Donkeykong_12, Doomphist_13, Dorothy_13, DosHalletts_14, Doug_13, Drago_14, Eish_13, Emmaloid_14, Enby_14, Eradicator_13, Estave1_13, Fancypants_13, Fastidio_13, Florinda_13, Frankie_14, FreddyB_13, Gandalph_13, Geralt_13, GigiOuiOui_13, Girr_13, Gorge_13, Grimmer_14, Hades_13, Harley_13, Hlubikazi_13, IbOuu_13, Ibhubesi_12, Inventum_13, JalFarm20_14, James_13,

Jarcob_13, Jennelsea_13, JoeyJr_13, Juice456_14, Juniper1_13, Kersh_13, KingMidas_13, Kingsley_14, Koella_13, LastJedi_13, Latretium_13, Leozinho_14, Leperchaun_13, LittleShirley_14, Lizziana_13, Llama_13, LordVader_14, Lorde_14, Lucia_14, LunaStella_14, MadMen_13, Mahavrat_13, Mandlovu_13, Mantra_13, Maravista_13, Marker_14, Martik_13, Mattes_13, Misha28_14, MisterCuddles_13, Modragons_13, Moonbeam_13, Mova_14, MulchExplorer_14, MulchSalad_13, Nichirin_13, Nimbo_13, Nitzel_14, Nivrat_13, NormanBulbieJr_13, Ochi17_13, OfUltron_13, Oksu_14, OldBen_13, OwlsT2W_14, Pacc40_13, Peridot_14, Phatniss_13, Philus_13, PhlipPhlop_13, Piper2020_14, Pippy_12, Plumbus_14, Poenanya_13, Polka14_13, Pollywog_14, Priscilla_13, Radiance_13, Ramsey_14, Renaud18_14, Rialto_14, RitaG_13, Rockne_13, RockyHorror_14, Saal_13, Sabbb_13, Sandalphon_13, Sarma624_14, Sassafras_13, Seabastian_13, Seagreen_14, ShowerHandel_13, SimranZ1_13, Slim_14, Sparkdehlily_13, Spikelee_14, Spoonbill_13, Squirty_14, Stap_14, Starcevich_14, Strokeseat_13, SwagPigglett_13, TChen_14, TDanisky_13, Tchotchke_14, ThetaBob_14, TootsiePop_14, Tootsieroll_14, Totinger_14, UncleRicky_14, VRedHorse_13, Velveteen_14, Violac_13, Vivum_13, Wachhund_13, Whouxphf_13, Yorick_13, Zerg_13, Zizzle_13,

Genes that have the "Most Annotated" start but do not call it:
• ByChance_13, Karhdo_13, Kimberlium_13, Ogopogo_16, Ruby_13, Scottish_13, ShiLan_13,

Genes that do not have the "Most Annotated" start:
• ABCat_20, Adnama_23, Aggie_15, Akhila_14, Alkhayr_53, Amao_21, AmericanBeauty_23, Andies_15, ArcusAngelus_13, Ardmore_12, Argent26_23, Arib1_16, Ariel_31, Asriel_20, Atcoo_16, Aubs_13, BAKA_29, BabeRuth_15, Babsiella_15, BadStone_20, Balomoji_20, Barbarian_20, Bartholomew_16, Batiatus_13, Beem_33, Bench_23, Bhagsy_16, BigBubba_21, BilboSwaggins_21, Bipolar_13, Blessica_54, Bobby_34, Bobi_14, Bogie_15, Bombitas_30, Bosection6_15, Brewer_21, Brusacoram_16, Brushbloom_14, Buck_20, Budgie_23, Bunnies_16, Butters_15, Byougenkin_13, CactusJack_16, Cactus_22, Camster_16, CaptainTrips_14, Carcharodon_15, Catdawg_53, Charlie_15, Chevrolet_13, Chewbacca_15, ChosenOne_20, ChotaBhai_21, Chuckly_13, Command613_22, Constella_28, Cookies_21, Courthouse_31, CrystalP_21, Cubone_15, Czyszczon1_22, DLane_12, Dallas_33, DeadP_13, DillTech15_13, DmpstrDiver_32, DoRead_13, DoctorDiddles_21, Donovan_16, DotProduct_13, Dove_31, Duke13_30, Duplicity_15, Dusk_20, Dynamo_16, EGUnicorn_15, Easy2Say_22, Ejimix_34, EleanorGeorge_13, Elite2014_20, Emma_13, Emmina_21, EricMillard_33, Etoile_16, FairyPath_21, Famílton_54, Filch_22, Filuzino_13, FireRed_20, Firehouse51_13, FirstPlacePfu_16, Fishburne_16, Flathead_14, Flypotenuse_19, Fruitloop_13, Fulbright_15, GUmbie_12, Gage_23, Galactic_13, Gator_19, Gavriela_16, Gemini_23, Gex_15, Girafales_14, Glaske_16, Glexan_19, GoldenSpark_23, Goldilocks_22, GooberAzure_23, GreaseLightnin_16, Guppsters_13, HUHilltop_16, Halley_33, Hamulus_13, HanKaySha_22, Hanako_15, Hannaconda_28, Harella_19, Hegedechwinu_14, Henry_20, Hidrated_33, Highbury_22, HokkenD_28, Holt_22, Hoonter_23, Hopey_22, Hughesyang_32, IHOP_20, Icee_20, Imara_53, Inca_20, IrishSherpFalk_13, Jamie19_15, JangDynasty_53, JeTaime_23, Jebeks_16, Job42_14, Journey_15, JuicyJay_34, Jung_16, Juniormint_16, Kalah2_34, Kanye_23, Kari_16, KashFlow_25, Kenuha5_13, Kevin1_15, KilKor_16, Kimchi_23, KingJulian_13, KingPhillip3_53, Klein_33, Krakatau_14, Krili_52, KristaRAM_14, Ksquared_15, Langerak_16, LilMoolah_12, Lilizi_23, Lilpickle_20, LittleE_30, Lucky2013_31, LunaBlu_13, MISSy_20, MPhalcon_20, MadamMonkfish_21,

Madiba_14, Magsby_15, Majeke_16, Malithi_16, Mangethe_16, Marshmallow_21, Maxxinista_22, Megiddo_16, Melissauren88_13, Melville_15, MiaZeal_30, MichelleMyBell_15, MilanaBonita_14, MilleniumForce_14, Minerva_33, MinionDave_14, Miniwave_21, Misfit_21, Moldemort_22, MollyToe_21, MooMoo_13, Mori_52, Mozy_13, Murai_53, Murica_19, Mutaforma13_13, Myrale_21, Nazo_15, Necropolis_16, NelitzaMV_21, Nenae_15, NewHope4_13, NiebruSaylor_52, NihilNomen_32, Nimrod_21, NoSleep_22, NonchalantPear_21, OlympiaSaint_13, Optimus_31, OrionPax_22, Ovechkin_13, PHappiness_13, Palpatine_20, Panchino_15, Paperbeatsrock_23, Parmesanjohn_15, Phaja_20, Phalconet_13, Phalm_16, PhancyPhin_15, Phanphagia_13, Pharsalus_22, Phasih_13, Phayonce_15, Phegasus_16, PhesterPhotato_13, Philonius_15, Phineas_16, Phloss_15, Phoebus_33, Phrann_15, Pipsqueaks_15, Policronamos_20, PopTart_13, Porcelain_30, Purky_15, Pygmy_15, Quallification_22, QueenHazel_15, QuickMath_13, Quico_14, Raymond7_15, Rebel_15, Redi_15, Redno2_32, Rimmer_20, Rita_13, Royals2015_13, Rubeelu_15, Ryadel_57, SG4_13, Saints25_22, Sassay_20, SassyB_13, Sbash_14, Schatzie_31, Schnauzer_15, SchoolBus_53, ShamWow_21, Shauna1_12, ShereKhan_23, Shida_53, Shipwreck_15, ShrimpFriedEgg_15, ShroomBoi_13, Shweta_15, SiSi_13, Silvafighter_15, Silvy_15, Simpliphy_22, SkinnyPete_15, Smooch_55, Smurph_15, Snekmaggedon_15, Sonah_16, SophKB_21, Sotrice96_21, Spartacus_13, Spinach_15, SpongeBob_15, Squint_30, StAnnes_13, Stank_23, Stark_22, StellaBean_21, StevieRay_16, StolenFromERC_23, StressBall_16, Stuck_14, SuperGrey_13, Superphikiman_31, TBrady12_23, Taj_13, Tapioca_15, Tarkin_23, TeamEdward_21, TeardropMSU_20, Teaspoon_21, Techage_16, TelAviv_50, Terminus_21, Thespis_16, Thibault_29, Thimble_21, ThreeRngTarjay_32, Thresher_22, ThulaThula_15, Tomaszewski_20, Tortellini_15, Tortoise12_15, Traaww1_18, Tuco_21, Tweety_12, Vagabond_53, Venti_16, Veteran_13, Vorrps_51, Wanda_34, Wee_12, Whatsapiecost_13, Wiggin_23, WillSterrel_13, Willez_20, Willsammy_16, Winget_54, XFactor_13, Xandras_23, Xavia_16, Xeno_15, Xerxes_15, Xula_14, YassJohnny_21, Yeet_31, Youngblood_21, YungJamal_56, Zakhe101_53, Zebo_53, Zelink_34, Zilizebeth_16, xkcd_21,

Summary by start number:

Start 1:
• Found in 24 of 507 (4.7%) of genes in pham
• Manual Annotations of this start: 3 of 506
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Dynamo_16 (P1), FirstPlacePfu_16 (P1), HUHilltop_16 (P1),

Start 9:
• Found in 62 of 507 (12.2%) of genes in pham
• Manual Annotations of this start: 6 of 506
• Called 9.7% of time when present
• Phage (with cluster) where this start called: ByChance_13 (F1), Karhdo_13 (F1), Kimberlium_13 (F1), Ogopogo_16 (F1), Ruby_13 (F1), ShiLan_13 (F1),

Start 11:
• Found in 2 of 507 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 506
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phayonce_15 (P5), ThulaThula_15 (P5),

Start 12:
• Found in 47 of 507 (9.3%) of genes in pham
• Manual Annotations of this start: 44 of 506
• Called 93.6% of time when present
• Phage (with cluster) where this start called: Arib1_16 (P1), Atcoo_16 (P1), Bartholomew_16 (P1), Bhagsy_16 (P1), Bogie_15 (P1), Brusacoram_16 (P1), Bunnies_16 (P1), CactusJack_16 (P1), Camster_16 (P1), Donovan_16 (P1), Etoile_16 (P1), Fishburne_16 (P1), Gavriela_16 (P1), Glaske_16 (P1), GreaseLightnin_16 (P1), Jebeks_16 (P1), Jung_16 (P1), Juniormint_16 (P1), Kari_16 (P1), KilKor_16 (P1), Ksquared_15 (P1), Langerak_16 (P1), Majeke_16 (P1), Malithi_16 (P1), Mangethe_16 (P1), Megiddo_16 (P1), Nazo_15 (P4), Necropolis_16 (P1), Phalm_16 (P1), Phegasus_16 (P1), Phineas_16 (P1), Purky_15 (P6), Pygmy_15 (P1), Shipwreck_15 (P1), Sonah_16 (P1), StevieRay_16 (P1), StressBall_16 (P1), Techage_16 (P1), Thespis_16 (P1), Tortellini_15 (P2), Venti_16 (P1), Willsammy_16 (P1), Xavia_16 (P3), Zilizebeth_16 (P1),

Start 16:
• Found in 24 of 507 (4.7%) of genes in pham
• Manual Annotations of this start: 8 of 506
• Called 33.3% of time when present
• Phage (with cluster) where this start called: BAKA_29 (J), Duke13_30 (J), Halley_33 (J), JuicyJay_34 (J), Kalah2_34 (J), Minerva_33 (J), Redno2_32 (J), Wanda_34 (J),

Start 19:
• Found in 22 of 507 (4.3%) of genes in pham
• Manual Annotations of this start: 19 of 506
• Called 86.4% of time when present
• Phage (with cluster) where this start called: Alkhayr_53 (O), Blessica_54 (O), Catdawg_53 (O), Familton_54 (O), Imara_53 (O), KingPhillip3_53 (O), Krili_52 (O), Mori_52 (O), Murai_53 (O), NiebruSaylor_52 (O), Ryadel_57 (O), Shida_53 (O), TelAviv_50 (O), Vagabond_53 (O), Vorrps_51 (O), Winget_54 (O), YungJamal_56 (O), Zakhe101_53 (O), Zebo_53 (O),

Start 20:
• Found in 103 of 507 (20.3%) of genes in pham
• Manual Annotations of this start: 18 of 506
• Called 17.5% of time when present
• Phage (with cluster) where this start called: ABCat_20 (E), Amao_21 (E), CrystalP_21 (E), Czyszczon1_22 (E), Dusk_20 (E), Gator_19 (E), Glexan_19 (E), Hopey_22 (E), IHOP_20 (E), Kanye_23 (E), Maxxinista_22 (E), Myrale_21 (E), Nimrod_21 (E), Phaja_20 (E), Pharsalus_22 (E), SophKB_21 (E), StellaBean_21 (E), Teaspoon_21 (E),

Start 21:
• Found in 12 of 507 (2.4%) of genes in pham
• Manual Annotations of this start: 7 of 506
• Called 58.3% of time when present
• Phage (with cluster) where this start called: Ariel_31 (J), Bobby_34 (J), Courthouse_31 (J), Dove_31 (J), Hughesyang_32 (J), Lucky2013_31 (J), MiaZeal_30 (J),

Start 22:

• Found in 22 of 507 (4.3%) of genes in pham
• Manual Annotations of this start: 3 of 506
• Called 13.6% of time when present
• Phage (with cluster) where this start called: JangDynasty_53 (O), SchoolBus_53 (O), Smooch_55 (O),

Start 23:
• Found in 169 of 507 (33.3%) of genes in pham
• Manual Annotations of this start: 162 of 506
• Called 95.9% of time when present
• Phage (with cluster) where this start called: Alexphander_14 (F1), Aloeri_14 (F1), Awesomesauce_14 (F1), Beakin_14 (F1), Beanstalk_14 (F1), BigPhil_14 (F1), Blexus_13 (F1), BlueCrab_13 (F1), BobaPhett_13 (F1), BodEinwohner17_13 (F1), Brocalys_13 (F1), Brookers_14 (F1), Bubbles123_13 (F1), Burwell21_13 (F1), BuzzLyseyear_14 (F1), Cabrinians_13 (F1), Cerasum_14 (F1), Che8_13 (F1), Cheesepuff_13 (F1), ChickenDinner_14 (F1), Clifton_13 (F1), Coco12_14 (F1), Cornie_14 (F5), Cornucopia_14 (F1), Crumble_13 (F1), DRBy19_13 (F1), DaWorst_14 (F1), DaddyRickover_13 (F1), Daenerys_13 (F1), Dante_13 (F1), Deb65_13 (F1), DirtMcgirt_14 (F1), DocMcStuffins_14 (F1), Donkeykong_12 (F1), Doomphist_13 (F1), Dorothy_13 (F1), DosHalletts_14 (F1), Doug_13 (F1), Drago_14 (F1), Eish_13 (F1), Emmaloid_14 (F1), Enby_14 (F1), Eradicator_13 (F1), Estave1_13 (F1), Fancypants_13 (F1), Fastidio_13 (F1), Florinda_13 (F1), Frankie_14 (F1), FreddyB_13 (F1), Gandalph_13 (F1), Geralt_13 (F1), GigiOuiOui_13 (F1), Girr_13 (F1), Gorge_13 (F1), Grimmer_14 (F1), Hades_13 (F1), Harley_13 (F1), Hlubikazi_13 (F1), IbOuu_13 (F1), Ibhubesi_12 (F1), Inventum_13 (F1), JalFarm20_14 (F1), James_13 (F1), Jarcob_13 (F1), Jennelsea_13 (F1), JoeyJr_13 (F1), Juice456_14 (F1), Juniper1_13 (F1), Kersh_13 (F1), KingMidas_13 (F1), Kingsley_14 (F1), Koella_13 (F1), LastJedi_13 (F1), Latretium_13 (F1), Leozinho_14 (F1), Leperchaun_13 (F1), LittleShirley_14 (F1), Lizziana_13 (F1), Llama_13 (F1), LordVader_14 (F), Lorde_14 (F1), Lucia_14 (F1), LunaStella_14 (F4), MadMen_13 (F1), Mahavrat_13 (F1), Mandlovu_13 (F1), Mantra_13 (F1), Maravista_13 (F1), Marker_14 (F1), Martik_13 (F1), Mattes_13 (F1), Misha28_14 (F1), MisterCuddles_13 (F1), Modragons_13 (F1), Moonbeam_13 (F1), Mova_14 (F1), MulchExplorer_14 (F1), MulchSalad_13 (F7), Nichirin_13 (F1), Nimbo_13 (F1), Nitzel_14 (F1), Nivrat_13 (F1), NormanBulbieJr_13 (F1), Ochi17_13 (F1), OfUltron_13 (F1), Oksu_14 (F1), OldBen_13 (F1), OwlsT2W_14 (F1), Pacc40_13 (F1), Peridot_14 (F1), Phatniss_13 (F1), Philus_13 (F1), PhlipPhlop_13 (F1), Piper2020_14 (F1), Pippy_12 (F1), Plumbus_14 (F1), Poenanya_13 (F1), Polka14_13 (F1), Pollywog_14 (F1), Priscilla_13 (F1), Radiance_13 (F1), Ramsey_14 (F1), Renaud18_14 (F4), Rialto_14 (F1), RitaG_13 (F1), Rockne_13 (F1), RockyHorror_14 (F1), Saal_13 (F1), Sabbb_13 (F1), Sandalphon_13 (F1), Sarma624_14 (F1), Sassafras_13 (F1), Seabastian_13 (F1), Seagreen_14 (F1), ShowerHandel_13 (F1), SimranZ1_13 (F1), Slim_14 (F1), Sparkdehlily_13 (F1), Spikelee_14 (F1), Spoonbill_13 (F1), Squirty_14 (F3), Stap_14 (F1), Starcevich_14 (F1), Strokeseat_13 (F1), SwagPigglett_13 (F1), TChen_14 (F4), TDanisky_13 (F1), Tchotchke_14 (F1), ThetaBob_14 (F4), TootsiePop_14 (F1), Tootsieroll_14 (F1), Totinger_14 (F1), UncleRicky_14 (F1), VRedHorse_13 (F1), Velveteen_14 (F1), Violac_13 (F1), Vivum_13 (F1), Wachhund_13 (F1), Whouxphf_13 (F1), Yorick_13 (F1), Zerg_13 (F1), Zizzle_13 (F1),

Start 24:
• Found in 229 of 507 (45.2%) of genes in pham
• Manual Annotations of this start: 70 of 506
• Called 31.0% of time when present

• Phage (with cluster) where this start called: Akhila_14 (F1), ArcusAngelus_13 (F1), Ardmore_12 (F1), Aubs_13 (F1), Batiatus_13 (F1), Bipolar_13 (F1), Bobi_14 (F1), Brushbloom_14 (F1), Byougenkin_13 (F1), CaptainTrips_14 (F1), Chevrolet_13 (F1), Chuckly_13 (F1), DLane_12 (F1), DeadP_13 (F1), DillTech15_13 (F1), DoRead_13 (F1), DotProduct_13 (F1), EleanorGeorge_13 (F1), Emma_13 (F1), Filuzino_13 (F1), Firehouse51_13 (F1), Flathead_14 (F1), Fruitloop_13 (F1), GUmbie_12 (F1), Galactic_13 (F1), Girafales_14 (F1), Guppsters_13 (F1), Hamulus_13 (F1), Hegedechwinu_14 (F1), IrishSherpFalk_13 (F1), Job42_14 (F1), Kenuha5_13 (F1), KingJulian_13 (F1), Krakatau_14 (F1), KristaRAM_14 (F1), LunaBlu_13 (F1), Madiba_14 (F1), Melissauren88_13 (F1), MilanaBonita_14 (F1), MilleniumForce_14 (F1), MinionDave_14 (F1), Mozy_13 (F1), Mutaforma13_13 (F1), NewHope4_13 (F1), OlympiaSaint_13 (F1), Ovechkin_13 (F1), Phalconet_13 (F1), Phanphagia_13 (F1), Phasih_13 (F1), PhesterPhotato_13 (F1), PopTart_13 (F1), QuickMath_13 (F1), Quico_14 (F1), Rita_13 (F1), Royals2015_13 (F1), SG4_13 (F1), SassyB_13 (F1), Scottish_13 (F1), Shauna1_12 (F1), ShroomBoi_13 (F1), SiSi_13 (F1), Spartacus_13 (F1), StAnnes_13 (F1), SuperGrey_13 (F1), Taj_13 (F1), Tweety_12 (F1), Veteran_13 (F1), Wee_12 (F1), Whatsapiecost_13 (F1), WillSterrel_13 (F1), XFactor_13 (F1),

Start 26:
• Found in 46 of 507 (9.1%) of genes in pham
• Manual Annotations of this start: 46 of 506
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aggie_15 (N), Andies_15 (N), BabeRuth_15 (N), Bosection6_15 (N), Butters_15 (N), Carcharodon_15 (N), Charlie_15 (N), Chewbacca_15 (N), Cubone_15 (N), Duplicity_15 (N), EGUnicorn_15 (N), Fulbright_15 (N), Gex_15 (N), Hanako_15 (N), Jamie19_15 (N), Journey_15 (N), Kevin1_15 (N), Magsby_15 (N), Melville_15 (N), MichelleMyBell_15 (N), Nenae_15 (N), Panchino_15 (N), Parmesanjohn_15 (N), PhancyPhin_15 (N), Philonius_15 (N), Phloss_15 (N), Phrann_15 (N), Pipsqueaks_15 (N), Raymond7_15 (N), Rebel_15 (N), Redi_15 (N), Rubeelu_15 (N), Schnauzer_15 (N), ShrimpFriedEgg_15 (N), Shweta_15 (N), Silvafighter_15 (N), Silvy_15 (N), SkinnyPete_15 (N), Smurph_15 (N), Snekmaggedon_15 (N), Spinach_15 (N), SpongeBob_15 (N), Tapioca_15 (N), Tortoise12_15 (N), Xeno_15 (N), Xerxes_15 (N),

Start 29:
• Found in 39 of 507 (7.7%) of genes in pham
• Manual Annotations of this start: 24 of 506
• Called 61.5% of time when present
• Phage (with cluster) where this start called: Beem_33 (J), Bombitas_30 (J), Constella_28 (J), Dallas_33 (J), DmpstrDiver_32 (J), Ejimix_34 (J), EricMillard_33 (J), Hannaconda_28 (J), Hidrated_33 (J), HokkenD_28 (J), KashFlow_25 (J), Klein_33 (J), LittleE_30 (J), NihilNomen_32 (J), Optimus_31 (J), Phoebus_33 (J), Porcelain_30 (J), Schatzie_31 (J), Squint_30 (J), Superphikiman_31 (J), Thibault_29 (J), ThreeRngTarjay_32 (J), Yeet_31 (J), Zelink_34 (J),

Start 30:
• Found in 104 of 507 (20.5%) of genes in pham
• Manual Annotations of this start: 86 of 506
• Called 82.7% of time when present
• Phage (with cluster) where this start called: Adnama_23 (E), AmericanBeauty_23 (E), Argent26_23 (E), Asriel_20 (E), BadStone_20 (E), Balomoji_20 (E), Barbarian_20 (E), Bench_23 (E), BigBubba_21 (E), BilboSwaggins_21 (E), Brewer_21 (E), Buck_20

(E), Budgie_23 (E), Cactus_22 (E), ChosenOne_20 (E), ChotaBhai_21 (E), Command613_22 (E), Cookies_21 (E), DoctorDiddles_21 (E), Easy2Say_22 (E), Elite2014_20 (E), Emmina_21 (E), FairyPath_21 (E), Filch_22 (E), FireRed_20 (E), Flypotenuse_19 (E), Gage_23 (E), Gemini_23 (E), GoldenSpark_23 (E), Goldilocks_22 (E), GooberAzure_23 (E), HanKaySha_22 (E), Harella_19 (E), Henry_20 (E), Highbury_22 (E), Holt_22 (E), Hoonter_23 (E), Icee_20 (E), Inca_20 (E), JeTaime_23 (E), Kimchi_23 (E), Lilizi_23 (E), Lilpickle_20 (E), MISSy_20 (E), MPhalcon_20 (E), MadamMonkfish_21 (E), Marshmallow_21 (E), Miniwave_21 (E), Misfit_21 (E), Moldemort_22 (E), MollyToe_21 (E), Murica_19 (E), NelitzaMV_21 (E), NoSleep_22 (E), NonchalantPear_21 (E), OrionPax_22 (E), Palpatine_20 (E), Paperbeatsrock_23 (E), Policronamos_20 (E), Quallification_22 (E), Rimmer_20 (E), Saints25_22 (E), Sassay_20 (E), ShamWow_21 (E), ShereKhan_23 (E), Simpliphy_22 (E), Sotrice96_21 (E), Stank_23 (E), Stark_22 (E), StolenFromERC_23 (E), TBrady12_23 (E), Tarkin_23 (E), TeamEdward_21 (E), TeardropMSU_20 (E), Terminus_21 (E), Thimble_21 (E), Thresher_22 (E), Tomaszewski_20 (E), Traaww1_18 (E), Tuco_21 (E), Wiggin_23 (E), Willez_20 (E), Xandras_23 (E), YassJohnny_21 (E), Youngblood_21 (E), xkcd_21 (E),

Start 31:
• Found in 1 of 507 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 506
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MooMoo_13 (singleton),

Start 32:
• Found in 9 of 507 (1.8%) of genes in pham
• Manual Annotations of this start: 5 of 506
• Called 55.6% of time when present
• Phage (with cluster) where this start called: Babsiella_15 (I1), QueenHazel_15 (I1), Sbash_14 (I2), Stuck_14 (I2), Xula_14 (I1),

Start 46:
• Found in 1 of 507 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 506
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LilMoolah_12 (F1),

Start 60:
• Found in 236 of 507 (46.5%) of genes in pham
• Manual Annotations of this start: 1 of 506
• Called 0.4% of time when present
• Phage (with cluster) where this start called: PHappiness_13 (F1),

Summary by clusters:

There are 19 clusters represented in this pham: P2, F1, singleton, P1, E, P4, F7, P5, I1, F4, P3, J, O, N, F3, F, P6, I2, F5,

Info for manual annotations of cluster E:
•Start number 20 was manually annotated 18 times for cluster E.
•Start number 30 was manually annotated 86 times for cluster E.

Info for manual annotations of cluster F:

•Start number 23 was manually annotated 1 time for cluster F.

Info for manual annotations of cluster F1:
•Start number 9 was manually annotated 6 times for cluster F1.
•Start number 23 was manually annotated 154 times for cluster F1.
•Start number 24 was manually annotated 70 times for cluster F1.
•Start number 46 was manually annotated 1 time for cluster F1.
•Start number 60 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F3:
•Start number 23 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:
•Start number 23 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:
•Start number 23 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster F7:
•Start number 23 was manually annotated 1 time for cluster F7.

Info for manual annotations of cluster I1:
•Start number 32 was manually annotated 3 times for cluster I1.

Info for manual annotations of cluster I2:
•Start number 32 was manually annotated 2 times for cluster I2.

Info for manual annotations of cluster J:
•Start number 16 was manually annotated 8 times for cluster J.
•Start number 21 was manually annotated 7 times for cluster J.
•Start number 29 was manually annotated 24 times for cluster J.

Info for manual annotations of cluster N:
•Start number 26 was manually annotated 46 times for cluster N.

Info for manual annotations of cluster O:
•Start number 19 was manually annotated 19 times for cluster O.
•Start number 22 was manually annotated 3 times for cluster O.

Info for manual annotations of cluster P1:
•Start number 1 was manually annotated 3 times for cluster P1.
•Start number 12 was manually annotated 40 times for cluster P1.

Info for manual annotations of cluster P2:
•Start number 12 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:
•Start number 12 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:
•Start number 12 was manually annotated 1 time for cluster P4.

Info for manual annotations of cluster P5:

•Start number 11 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:
•Start number 12 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: ABCat_20 Start: 12397, Stop: 13340, Start Num: 20
Candidate Starts for ABCat_20:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Adnama_23 Start: 12463, Stop: 13337, Start Num: 30
Candidate Starts for Adnama_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Aggie_15 Start: 9037, Stop: 9943, Start Num: 26
Candidate Starts for Aggie_15:
(Start: 26 @9037 has 46 MA's), (40, 9145), (51, 9208), (57, 9256), (67, 9313), (79, 9376), (80, 9382), (83, 9394), (84, 9397), (99, 9487), (108, 9589), (114, 9703), (120, 9760),

Gene: Akhila_14 Start: 9227, Stop: 10163, Start Num: 24
Candidate Starts for Akhila_14:
(18, 9200), (Start: 24 @9227 has 70 MA's), (36, 9335), (45, 9365), (Start: 60 @9485 has 1 MA's), (70, 9518), (74, 9554), (79, 9572), (83, 9590), (85, 9599), (87, 9614), (88, 9617), (92, 9662), (101, 9740), (102, 9746), (110, 9812), (119, 9959), (128, 10160),

Gene: Alexphander_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for Alexphander_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (63, 8647), (64, 8650), (74, 8713), (79, 8731), (83, 8749), (85, 8758), (92, 8821), (101, 8899), (110, 8971), (128, 9319),

Gene: Alkhayr_53 Start: 25659, Stop: 26610, Start Num: 19
Candidate Starts for Alkhayr_53:
(Start: 19 @25659 has 19 MA's), (Start: 22 @25671 has 3 MA's), (33, 25743), (37, 25788), (38, 25791), (45, 25815), (48, 25833), (51, 25863), (61, 25941), (63, 25944), (73, 26001), (79, 26025), (92, 26100), (102, 26184), (110, 26250), (113, 26346),

Gene: Aloeri_14 Start: 8399, Stop: 9335, Start Num: 23
Candidate Starts for Aloeri_14:
(Start: 23 @8399 has 162 MA's), (Start: 24 @8405 has 70 MA's), (36, 8507), (43, 8531), (45, 8537), (Start: 60 @8657 has 1 MA's), (70, 8690), (74, 8726), (79, 8744), (83, 8762), (84, 8765), (85, 8771), (87, 8786), (88, 8789), (92, 8834), (101, 8912), (110, 8984), (119, 9131), (128, 9332),

Gene: Amao_21 Start: 11602, Stop: 12545, Start Num: 20
Candidate Starts for Amao_21:

(Start: 20 @11602 has 18 MA's), (Start: 30 @11674 has 86 MA's), (51, 11818), (65, 11911), (71, 11935), (72, 11947), (75, 11971), (78, 11989), (85, 12013), (96, 12088), (104, 12172), (117, 12325), (121, 12346), (122, 12391), (123, 12412), (124, 12427), (127, 12538),

Gene: AmericanBeauty_23 Start: 12460, Stop: 13331, Start Num: 30
Candidate Starts for AmericanBeauty_23:
(Start: 20 @12388 has 18 MA's), (Start: 30 @12460 has 86 MA's), (51, 12604), (65, 12697), (71, 12721), (72, 12733), (75, 12757), (78, 12775), (85, 12799), (104, 12958), (117, 13111), (121, 13132), (122, 13177), (123, 13198), (124, 13213), (127, 13324),

Gene: Andies_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Andies_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: ArcusAngelus_13 Start: 8567, Stop: 9503, Start Num: 24
Candidate Starts for ArcusAngelus_13:
(18, 8540), (Start: 24 @8567 has 70 MA's), (36, 8675), (45, 8705), (56, 8780), (Start: 60 @8825 has 1 MA's), (63, 8828), (64, 8831), (70, 8858), (74, 8894), (83, 8930), (84, 8933), (85, 8939), (87, 8954), (88, 8957), (92, 9002), (101, 9080), (102, 9086), (110, 9152), (128, 9500),

Gene: Ardmore_12 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for Ardmore_12:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Argent26_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for Argent26_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Arib1_16 Start: 9932, Stop: 10850, Start Num: 12
Candidate Starts for Arib1_16:
(Start: 12 @9932 has 44 MA's), (28, 10052), (58, 10268), (67, 10310), (76, 10370), (96, 10484), (111, 10616), (115, 10682),

Gene: Ariel_31 Start: 16959, Stop: 17742, Start Num: 21
Candidate Starts for Ariel_31:
(Start: 21 @16959 has 7 MA's), (Start: 29 @17010 has 24 MA's), (49, 17142), (62, 17229), (76, 17313), (96, 17427), (102, 17490), (105, 17517), (111, 17556),

Gene: Asriel_20 Start: 11341, Stop: 12212, Start Num: 30
Candidate Starts for Asriel_20:
(Start: 20 @11269 has 18 MA's), (Start: 30 @11341 has 86 MA's), (51, 11485), (65, 11578), (71, 11602), (72, 11614), (75, 11638), (78, 11656), (85, 11680), (104, 11839), (117, 11992), (121, 12013), (122, 12058), (123, 12079), (124, 12094), (127, 12205),

Gene: Atcoo_16 Start: 9945, Stop: 10863, Start Num: 12
Candidate Starts for Atcoo_16:
(Start: 1 @9864 has 3 MA's), (2, 9867), (Start: 12 @9945 has 44 MA's), (58, 10281), (67, 10323), (76, 10383), (96, 10497), (111, 10629), (115, 10695),

Gene: Aubs_13 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for Aubs_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (56, 8789), (Start: 60 @8834 has 1 MA's), (63, 8837), (64, 8840), (70, 8867), (74, 8903), (83, 8939), (84, 8942), (85, 8948), (92, 9011), (101, 9089), (110, 9161), (128, 9509),

Gene: Awesomesauce_14 Start: 8400, Stop: 9336, Start Num: 23
Candidate Starts for Awesomesauce_14:
(Start: 23 @8400 has 162 MA's), (Start: 24 @8406 has 70 MA's), (36, 8508), (45, 8538), (57, 8634), (Start: 60 @8658 has 1 MA's), (74, 8727), (79, 8745), (83, 8763), (84, 8766), (85, 8772), (87, 8787), (88, 8790), (92, 8835), (101, 8913), (110, 8985), (119, 9132), (128, 9333),

Gene: BAKA_29 Start: 19034, Stop: 19829, Start Num: 16
Candidate Starts for BAKA_29:
(Start: 16 @19034 has 8 MA's), (Start: 29 @19097 has 24 MA's), (49, 19229), (62, 19316), (76, 19400), (96, 19514), (102, 19577), (105, 19604), (111, 19643),

Gene: BabeRuth_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for BabeRuth_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Babsiella_15 Start: 9775, Stop: 10768, Start Num: 32
Candidate Starts for Babsiella_15:
(17, 9688), (Start: 32 @9775 has 5 MA's), (41, 9859), (52, 9922), (54, 9934), (55, 9940), (69, 10027), (75, 10078), (78, 10096), (90, 10162), (91, 10186), (95, 10216), (96, 10219), (102, 10282), (103, 10285), (109, 10348), (110, 10351), (129, 10765),

Gene: BadStone_20 Start: 12469, Stop: 13340, Start Num: 30
Candidate Starts for BadStone_20:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Balomoji_20 Start: 12203, Stop: 13074, Start Num: 30
Candidate Starts for Balomoji_20:
(Start: 20 @12131 has 18 MA's), (Start: 30 @12203 has 86 MA's), (51, 12347), (65, 12440), (71, 12464), (72, 12476), (75, 12500), (78, 12518), (85, 12542), (104, 12701), (117, 12854), (121, 12875), (122, 12920), (123, 12941), (124, 12956), (127, 13067),

Gene: Barbarian_20 Start: 11341, Stop: 12212, Start Num: 30
Candidate Starts for Barbarian_20:
(Start: 20 @11269 has 18 MA's), (Start: 30 @11341 has 86 MA's), (51, 11485), (65, 11578), (71, 11602), (72, 11614), (75, 11638), (78, 11656), (85, 11680), (104, 11839), (117, 11992), (121, 12013), (122, 12058), (123, 12079), (124, 12094), (127, 12205),

Gene: Bartholomew_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for Bartholomew_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Batiatus_13 Start: 8576, Stop: 9512, Start Num: 24

Candidate Starts for Batiatus_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (63, 8837), (64, 8840), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (84, 8942), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: Beakin_14 Start: 8392, Stop: 9328, Start Num: 23
Candidate Starts for Beakin_14:
(Start: 23 @8392 has 162 MA's), (Start: 24 @8398 has 70 MA's), (36, 8500), (45, 8530), (57, 8626), (Start: 60 @8650 has 1 MA's), (63, 8653), (64, 8656), (74, 8719), (79, 8737), (83, 8755), (85, 8764), (87, 8779), (88, 8782), (92, 8827), (101, 8905), (110, 8977), (128, 9325),

Gene: Beanstalk_14 Start: 8384, Stop: 9320, Start Num: 23
Candidate Starts for Beanstalk_14:
(Start: 23 @8384 has 162 MA's), (Start: 24 @8390 has 70 MA's), (36, 8492), (45, 8522), (57, 8618), (Start: 60 @8642 has 1 MA's), (74, 8711), (79, 8729), (83, 8747), (84, 8750), (85, 8756), (87, 8771), (88, 8774), (92, 8819), (101, 8897), (110, 8969), (128, 9317),

Gene: Beem_33 Start: 19452, Stop: 20184, Start Num: 29
Candidate Starts for Beem_33:
(Start: 16 @19389 has 8 MA's), (Start: 29 @19452 has 24 MA's), (49, 19584), (62, 19671), (76, 19755), (96, 19869), (102, 19932), (105, 19959), (111, 19998),

Gene: Bench_23 Start: 12336, Stop: 13207, Start Num: 30
Candidate Starts for Bench_23:
(Start: 20 @12264 has 18 MA's), (Start: 30 @12336 has 86 MA's), (51, 12480), (65, 12573), (71, 12597), (72, 12609), (75, 12633), (78, 12651), (85, 12675), (104, 12834), (117, 12987), (121, 13008), (122, 13053), (123, 13074), (124, 13089), (127, 13200),

Gene: Bhagsy_16 Start: 9948, Stop: 10866, Start Num: 12
Candidate Starts for Bhagsy_16:
(Start: 1 @9867 has 3 MA's), (2, 9870), (Start: 12 @9948 has 44 MA's), (58, 10284), (67, 10326), (76, 10386), (96, 10500), (111, 10632), (115, 10698),

Gene: BigBubba_21 Start: 11720, Stop: 12594, Start Num: 30
Candidate Starts for BigBubba_21:
(Start: 20 @11648 has 18 MA's), (Start: 30 @11720 has 86 MA's), (51, 11864), (65, 11957), (71, 11981), (72, 11993), (75, 12017), (78, 12035), (85, 12059), (104, 12218), (117, 12371), (121, 12392), (122, 12437), (123, 12458), (124, 12473), (127, 12584),

Gene: BigPhil_14 Start: 8383, Stop: 9319, Start Num: 23
Candidate Starts for BigPhil_14:
(Start: 23 @8383 has 162 MA's), (Start: 24 @8389 has 70 MA's), (36, 8491), (45, 8521), (57, 8617), (Start: 60 @8641 has 1 MA's), (74, 8710), (79, 8728), (83, 8746), (84, 8749), (85, 8755), (87, 8770), (88, 8773), (92, 8818), (101, 8896), (110, 8968), (128, 9316),

Gene: BilboSwaggins_21 Start: 12470, Stop: 13341, Start Num: 30
Candidate Starts for BilboSwaggins_21:
(Start: 20 @12398 has 18 MA's), (Start: 30 @12470 has 86 MA's), (51, 12614), (65, 12707), (71, 12731), (72, 12743), (75, 12767), (78, 12785), (85, 12809), (104, 12968), (117, 13121), (121, 13142), (122, 13187), (123, 13208), (124, 13223), (127, 13334),

Gene: Bipolar_13 Start: 8545, Stop: 9481, Start Num: 24
Candidate Starts for Bipolar_13:

(18, 8518), (Start: 24 @8545 has 70 MA's), (36, 8653), (45, 8683), (Start: 60 @8803 has 1 MA's), (70, 8836), (74, 8872), (79, 8890), (83, 8908), (85, 8917), (87, 8932), (88, 8935), (92, 8980), (101, 9058), (102, 9064), (110, 9130), (119, 9277), (128, 9478),

Gene: Blessica_54 Start: 26060, Stop: 27011, Start Num: 19
Candidate Starts for Blessica_54:
(Start: 19 @26060 has 19 MA's), (Start: 22 @26072 has 3 MA's), (33, 26144), (37, 26189), (38, 26192), (45, 26216), (48, 26234), (51, 26264), (61, 26342), (63, 26345), (73, 26402), (79, 26426), (92, 26501), (102, 26585), (110, 26651), (113, 26747),

Gene: Blexus_13 Start: 8548, Stop: 9484, Start Num: 23
Candidate Starts for Blexus_13:
(Start: 23 @8548 has 162 MA's), (Start: 24 @8554 has 70 MA's), (36, 8656), (45, 8686), (57, 8782), (Start: 60 @8806 has 1 MA's), (74, 8875), (79, 8893), (83, 8911), (84, 8914), (85, 8920), (87, 8935), (88, 8938), (92, 8983), (101, 9061), (110, 9133), (128, 9481),

Gene: BlueCrab_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for BlueCrab_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: BobaPhett_13 Start: 8529, Stop: 9465, Start Num: 23
Candidate Starts for BobaPhett_13:
(Start: 9 @8436 has 6 MA's), (Start: 23 @8529 has 162 MA's), (Start: 24 @8535 has 70 MA's), (36, 8637), (45, 8667), (57, 8763), (Start: 60 @8787 has 1 MA's), (63, 8790), (64, 8793), (74, 8856), (79, 8874), (83, 8892), (85, 8901), (92, 8964), (101, 9042), (110, 9114), (128, 9462),

Gene: Bobby_34 Start: 19353, Stop: 20136, Start Num: 21
Candidate Starts for Bobby_34:
(Start: 21 @19353 has 7 MA's), (Start: 29 @19404 has 24 MA's), (49, 19536), (62, 19623), (76, 19707), (96, 19821), (102, 19884), (105, 19911), (111, 19950),

Gene: Bobi_14 Start: 8406, Stop: 9342, Start Num: 24
Candidate Starts for Bobi_14:
(18, 8379), (Start: 24 @8406 has 70 MA's), (36, 8514), (45, 8544), (Start: 60 @8664 has 1 MA's), (63, 8667), (64, 8670), (70, 8697), (74, 8733), (79, 8751), (83, 8769), (85, 8778), (87, 8793), (88, 8796), (92, 8841), (101, 8919), (102, 8925), (110, 8991), (119, 9138), (128, 9339),

Gene: BodEinwohner17_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for BodEinwohner17_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Bogie_15 Start: 9664, Stop: 10582, Start Num: 12
Candidate Starts for Bogie_15:
(Start: 12 @9664 has 44 MA's), (58, 10000), (67, 10042), (76, 10102), (96, 10216), (111, 10348), (115, 10414),

Gene: Bombitas_30 Start: 18761, Stop: 19493, Start Num: 29
Candidate Starts for Bombitas_30:

(Start: 21 @18710 has 7 MA's), (Start: 29 @18761 has 24 MA's), (49, 18893), (62, 18980), (76, 19064), (96, 19178), (102, 19241), (105, 19268), (111, 19307),

Gene: Bosection6_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Bosection6_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Brewer_21 Start: 12718, Stop: 13589, Start Num: 30
Candidate Starts for Brewer_21:
(Start: 20 @12646 has 18 MA's), (Start: 30 @12718 has 86 MA's), (51, 12862), (65, 12955), (71, 12979), (72, 12991), (75, 13015), (78, 13033), (85, 13057), (104, 13216), (117, 13369), (121, 13390), (122, 13435), (123, 13456), (124, 13471), (127, 13582),

Gene: Brocalys_13 Start: 8521, Stop: 9457, Start Num: 23
Candidate Starts for Brocalys_13:
(Start: 23 @8521 has 162 MA's), (Start: 24 @8527 has 70 MA's), (36, 8629), (45, 8659), (57, 8755), (Start: 60 @8779 has 1 MA's), (74, 8848), (79, 8866), (83, 8884), (84, 8887), (85, 8893), (87, 8908), (88, 8911), (92, 8956), (101, 9034), (110, 9106), (128, 9454),

Gene: Brookers_14 Start: 8383, Stop: 9319, Start Num: 23
Candidate Starts for Brookers_14:
(Start: 23 @8383 has 162 MA's), (Start: 24 @8389 has 70 MA's), (36, 8491), (45, 8521), (57, 8617), (Start: 60 @8641 has 1 MA's), (74, 8710), (79, 8728), (83, 8746), (84, 8749), (85, 8755), (87, 8770), (88, 8773), (92, 8818), (101, 8896), (110, 8968), (128, 9316),

Gene: Brusacoram_16 Start: 9944, Stop: 10862, Start Num: 12
Candidate Starts for Brusacoram_16:
(Start: 1 @9863 has 3 MA's), (2, 9866), (Start: 12 @9944 has 44 MA's), (58, 10280), (67, 10322), (76, 10382), (96, 10496), (111, 10628), (115, 10694),

Gene: Brushbloom_14 Start: 8409, Stop: 9345, Start Num: 24
Candidate Starts for Brushbloom_14:
(18, 8382), (Start: 24 @8409 has 70 MA's), (36, 8517), (43, 8541), (45, 8547), (Start: 60 @8667 has 1 MA's), (70, 8700), (74, 8736), (79, 8754), (83, 8772), (84, 8775), (85, 8781), (87, 8796), (88, 8799), (92, 8844), (101, 8922), (102, 8928), (110, 8994), (119, 9141), (128, 9342),

Gene: Bubbles123_13 Start: 8557, Stop: 9493, Start Num: 23
Candidate Starts for Bubbles123_13:
(Start: 9 @8464 has 6 MA's), (Start: 23 @8557 has 162 MA's), (Start: 24 @8563 has 70 MA's), (36, 8665), (45, 8695), (57, 8791), (Start: 60 @8815 has 1 MA's), (63, 8818), (64, 8821), (74, 8884), (79, 8902), (83, 8920), (85, 8929), (92, 8992), (101, 9070), (110, 9142), (128, 9490),

Gene: Buck_20 Start: 12426, Stop: 13297, Start Num: 30
Candidate Starts for Buck_20:
(Start: 20 @12354 has 18 MA's), (Start: 30 @12426 has 86 MA's), (51, 12570), (65, 12663), (71, 12687), (72, 12699), (75, 12723), (78, 12741), (85, 12765), (104, 12924), (117, 13077), (121, 13098), (122, 13143), (123, 13164), (124, 13179), (127, 13290),

Gene: Budgie_23 Start: 11858, Stop: 12747, Start Num: 30
Candidate Starts for Budgie_23:
(14, 11777), (Start: 30 @11858 has 86 MA's), (41, 11942), (51, 12002), (65, 12095), (71, 12119), (76, 12158), (78, 12173), (85, 12197), (104, 12356), (117, 12509), (122, 12575), (123, 12596), (124,

12611), (127, 12722),

Gene: Bunnies_16 Start: 9957, Stop: 10875, Start Num: 12
Candidate Starts for Bunnies_16:
(Start: 1 @9876 has 3 MA's), (2, 9879), (Start: 12 @9957 has 44 MA's), (58, 10293), (67, 10335), (76, 10395), (96, 10509), (111, 10641), (115, 10707),

Gene: Burwell21_13 Start: 8536, Stop: 9472, Start Num: 23
Candidate Starts for Burwell21_13:
(Start: 9 @8443 has 6 MA's), (Start: 23 @8536 has 162 MA's), (Start: 24 @8542 has 70 MA's), (36, 8644), (45, 8674), (57, 8770), (Start: 60 @8794 has 1 MA's), (63, 8797), (64, 8800), (74, 8863), (79, 8881), (83, 8899), (85, 8908), (92, 8971), (101, 9049), (110, 9121), (128, 9469),

Gene: Butters_15 Start: 9056, Stop: 9962, Start Num: 26
Candidate Starts for Butters_15:
(Start: 26 @9056 has 46 MA's), (40, 9164), (51, 9227), (57, 9275), (67, 9332), (79, 9395), (80, 9401), (84, 9416), (99, 9506), (102, 9554), (114, 9722), (120, 9779),

Gene: BuzzLyseyear_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for BuzzLyseyear_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (43, 8518), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (79, 8731), (84, 8752), (85, 8758), (92, 8821), (101, 8899), (110, 8971), (128, 9319),

Gene: ByChance_13 Start: 8446, Stop: 9475, Start Num: 9
Candidate Starts for ByChance_13:
(Start: 9 @8446 has 6 MA's), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (74, 8866), (79, 8884), (83, 8902), (85, 8911), (92, 8974), (101, 9052), (110, 9124), (128, 9472),

Gene: Byougenkin_13 Start: 8548, Stop: 9484, Start Num: 24
Candidate Starts for Byougenkin_13:
(18, 8521), (Start: 24 @8548 has 70 MA's), (36, 8656), (45, 8686), (Start: 60 @8806 has 1 MA's), (70, 8839), (74, 8875), (79, 8893), (83, 8911), (84, 8914), (85, 8920), (87, 8935), (88, 8938), (92, 8983), (101, 9061), (102, 9067), (110, 9133), (119, 9280), (128, 9481),

Gene: Cabrinians_13 Start: 8529, Stop: 9465, Start Num: 23
Candidate Starts for Cabrinians_13:
(Start: 9 @8436 has 6 MA's), (Start: 23 @8529 has 162 MA's), (Start: 24 @8535 has 70 MA's), (36, 8637), (45, 8667), (57, 8763), (Start: 60 @8787 has 1 MA's), (63, 8790), (64, 8793), (74, 8856), (79, 8874), (83, 8892), (85, 8901), (92, 8964), (101, 9042), (110, 9114), (128, 9462),

Gene: Cactus_22 Start: 11682, Stop: 12553, Start Num: 30
Candidate Starts for Cactus_22:
(Start: 20 @11610 has 18 MA's), (Start: 30 @11682 has 86 MA's), (51, 11826), (65, 11919), (71, 11943), (72, 11955), (75, 11979), (78, 11997), (85, 12021), (104, 12180), (117, 12333), (121, 12354), (122, 12399), (123, 12420), (124, 12435), (127, 12546),

Gene: CactusJack_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for CactusJack_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: Camster_16 Start: 9942, Stop: 10860, Start Num: 12
Candidate Starts for Camster_16:
(Start: 12 @9942 has 44 MA's), (58, 10278), (67, 10320), (76, 10380), (96, 10494), (111, 10626), (115, 10692),

Gene: CaptainTrips_14 Start: 9225, Stop: 10161, Start Num: 24
Candidate Starts for CaptainTrips_14:
(18, 9198), (Start: 24 @9225 has 70 MA's), (36, 9333), (45, 9363), (Start: 60 @9483 has 1 MA's), (70, 9516), (74, 9552), (79, 9570), (83, 9588), (84, 9591), (85, 9597), (87, 9612), (88, 9615), (92, 9660), (101, 9738), (102, 9744), (110, 9810), (119, 9957), (128, 10158),

Gene: Carcharodon_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Carcharodon_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Catdawg_53 Start: 25749, Stop: 26700, Start Num: 19
Candidate Starts for Catdawg_53:
(Start: 19 @25749 has 19 MA's), (Start: 22 @25761 has 3 MA's), (33, 25833), (37, 25878), (38, 25881), (45, 25905), (48, 25923), (51, 25953), (61, 26031), (63, 26034), (73, 26091), (79, 26115), (92, 26190), (102, 26274), (110, 26340), (113, 26436),

Gene: Cerasum_14 Start: 8383, Stop: 9319, Start Num: 23
Candidate Starts for Cerasum_14:
(Start: 23 @8383 has 162 MA's), (Start: 24 @8389 has 70 MA's), (36, 8491), (45, 8521), (57, 8617), (Start: 60 @8641 has 1 MA's), (74, 8710), (79, 8728), (83, 8746), (84, 8749), (85, 8755), (87, 8770), (88, 8773), (92, 8818), (101, 8896), (110, 8968), (128, 9316),

Gene: Charlie_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Charlie_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Che8_13 Start: 8536, Stop: 9472, Start Num: 23
Candidate Starts for Che8_13:
(Start: 23 @8536 has 162 MA's), (36, 8644), (45, 8674), (57, 8770), (Start: 60 @8794 has 1 MA's), (74, 8863), (79, 8881), (83, 8899), (84, 8902), (85, 8908), (87, 8923), (88, 8926), (92, 8971), (101, 9049), (110, 9121), (128, 9469),

Gene: Cheesepuff_13 Start: 8548, Stop: 9484, Start Num: 23
Candidate Starts for Cheesepuff_13:
(Start: 23 @8548 has 162 MA's), (Start: 24 @8554 has 70 MA's), (36, 8656), (45, 8686), (57, 8782), (Start: 60 @8806 has 1 MA's), (74, 8875), (79, 8893), (83, 8911), (84, 8914), (85, 8920), (87, 8935), (88, 8938), (92, 8983), (101, 9061), (110, 9133), (128, 9481),

Gene: Chevrolet_13 Start: 8567, Stop: 9503, Start Num: 24
Candidate Starts for Chevrolet_13:
(18, 8540), (Start: 24 @8567 has 70 MA's), (36, 8675), (45, 8705), (56, 8780), (Start: 60 @8825 has 1 MA's), (63, 8828), (64, 8831), (70, 8858), (74, 8894), (83, 8930), (84, 8933), (85, 8939), (87, 8954), (88, 8957), (92, 9002), (101, 9080), (102, 9086), (110, 9152), (128, 9500),

Gene: Chewbacca_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Chewbacca_15:

(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: ChickenDinner_14 Start: 8399, Stop: 9335, Start Num: 23
Candidate Starts for ChickenDinner_14:
(Start: 23 @8399 has 162 MA's), (Start: 24 @8405 has 70 MA's), (36, 8507), (43, 8531), (45, 8537), (Start: 60 @8657 has 1 MA's), (70, 8690), (74, 8726), (79, 8744), (83, 8762), (84, 8765), (85, 8771), (87, 8786), (88, 8789), (92, 8834), (101, 8912), (110, 8984), (119, 9131), (128, 9332),

Gene: ChosenOne_20 Start: 11683, Stop: 12554, Start Num: 30
Candidate Starts for ChosenOne_20:
(Start: 20 @11611 has 18 MA's), (Start: 30 @11683 has 86 MA's), (51, 11827), (65, 11920), (71, 11944), (72, 11956), (75, 11980), (78, 11998), (85, 12022), (104, 12181), (117, 12334), (121, 12355), (122, 12400), (123, 12421), (124, 12436), (127, 12547),

Gene: ChotaBhai_21 Start: 11719, Stop: 12590, Start Num: 30
Candidate Starts for ChotaBhai_21:
(Start: 20 @11647 has 18 MA's), (Start: 30 @11719 has 86 MA's), (51, 11863), (65, 11956), (71, 11980), (72, 11992), (75, 12016), (78, 12034), (85, 12058), (104, 12217), (117, 12370), (121, 12391), (122, 12436), (123, 12457), (124, 12472), (127, 12583),

Gene: Chuckly_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for Chuckly_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (84, 8944), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: Clifton_13 Start: 8520, Stop: 9456, Start Num: 23
Candidate Starts for Clifton_13:
(Start: 23 @8520 has 162 MA's), (Start: 24 @8526 has 70 MA's), (36, 8628), (45, 8658), (57, 8754), (Start: 60 @8778 has 1 MA's), (74, 8847), (79, 8865), (83, 8883), (84, 8886), (85, 8892), (87, 8907), (88, 8910), (92, 8955), (101, 9033), (110, 9105), (128, 9453),

Gene: Coco12_14 Start: 8385, Stop: 9321, Start Num: 23
Candidate Starts for Coco12_14:
(Start: 23 @8385 has 162 MA's), (Start: 24 @8391 has 70 MA's), (36, 8493), (45, 8523), (57, 8619), (Start: 60 @8643 has 1 MA's), (74, 8712), (79, 8730), (83, 8748), (84, 8751), (85, 8757), (92, 8820), (101, 8898), (110, 8970), (116, 9096), (119, 9117), (128, 9318),

Gene: Command613_22 Start: 12738, Stop: 13609, Start Num: 30
Candidate Starts for Command613_22:
(Start: 20 @12666 has 18 MA's), (Start: 30 @12738 has 86 MA's), (51, 12882), (65, 12975), (71, 12999), (72, 13011), (75, 13035), (78, 13053), (85, 13077), (104, 13236), (117, 13389), (121, 13410), (122, 13455), (123, 13476), (124, 13491), (127, 13602),

Gene: Constella_28 Start: 18275, Stop: 19007, Start Num: 29
Candidate Starts for Constella_28:
(Start: 16 @18212 has 8 MA's), (Start: 29 @18275 has 24 MA's), (49, 18407), (62, 18494), (76, 18578), (96, 18692), (102, 18755), (105, 18782), (111, 18821),

Gene: Cookies_21 Start: 12342, Stop: 13213, Start Num: 30
Candidate Starts for Cookies_21:

(Start: 20 @12270 has 18 MA's), (Start: 30 @12342 has 86 MA's), (51, 12486), (65, 12579), (71, 12603), (72, 12615), (75, 12639), (78, 12657), (85, 12681), (104, 12840), (117, 12993), (121, 13014), (122, 13059), (123, 13080), (124, 13095), (127, 13206),

Gene: Cornie_14 Start: 8819, Stop: 9710, Start Num: 23
Candidate Starts for Cornie_14:
(Start: 23 @8819 has 162 MA's), (25, 8828), (34, 8909), (45, 8963), (58, 9062), (59, 9065), (66, 9101), (68, 9104), (93, 9257), (94, 9260), (98, 9284), (100, 9296), (102, 9335), (118, 9500),

Gene: Cornucopia_14 Start: 8418, Stop: 9354, Start Num: 23
Candidate Starts for Cornucopia_14:
(Start: 23 @8418 has 162 MA's), (36, 8526), (45, 8556), (57, 8652), (Start: 60 @8676 has 1 MA's), (63, 8679), (64, 8682), (70, 8709), (74, 8745), (79, 8763), (83, 8781), (84, 8784), (85, 8790), (87, 8805), (88, 8808), (92, 8853), (101, 8931), (102, 8937), (110, 9003), (119, 9150), (128, 9351),

Gene: Courthouse_31 Start: 17362, Stop: 18145, Start Num: 21
Candidate Starts for Courthouse_31:
(13, 17320), (Start: 21 @17362 has 7 MA's), (Start: 29 @17413 has 24 MA's), (49, 17545), (62, 17632), (76, 17716), (96, 17830), (102, 17893), (105, 17920), (111, 17959),

Gene: Crumble_13 Start: 8537, Stop: 9473, Start Num: 23
Candidate Starts for Crumble_13:
(5, 8372), (8, 8441), (Start: 23 @8537 has 162 MA's), (Start: 24 @8543 has 70 MA's), (36, 8645), (45, 8675), (57, 8771), (Start: 60 @8795 has 1 MA's), (79, 8882), (83, 8900), (85, 8909), (92, 8972), (101, 9050), (110, 9122), (128, 9470),

Gene: CrystalP_21 Start: 12398, Stop: 13341, Start Num: 20
Candidate Starts for CrystalP_21:
(Start: 20 @12398 has 18 MA's), (Start: 30 @12470 has 86 MA's), (51, 12614), (65, 12707), (71, 12731), (72, 12743), (75, 12767), (78, 12785), (85, 12809), (104, 12968), (117, 13121), (121, 13142), (122, 13187), (123, 13208), (124, 13223), (127, 13334),

Gene: Cubone_15 Start: 9061, Stop: 9967, Start Num: 26
Candidate Starts for Cubone_15:
(Start: 26 @9061 has 46 MA's), (40, 9169), (51, 9232), (57, 9280), (67, 9337), (79, 9400), (80, 9406), (83, 9418), (84, 9421), (99, 9511), (108, 9613), (114, 9727), (120, 9784),

Gene: Czyszczon1_22 Start: 12146, Stop: 13089, Start Num: 20
Candidate Starts for Czyszczon1_22:
(Start: 20 @12146 has 18 MA's), (Start: 30 @12218 has 86 MA's), (51, 12362), (65, 12455), (71, 12479), (72, 12491), (75, 12515), (78, 12533), (85, 12557), (104, 12716), (117, 12869), (121, 12890), (122, 12935), (123, 12956), (124, 12971), (127, 13082),

Gene: DLane_12 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for DLane_12:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (63, 8837), (64, 8840), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (84, 8942), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: DRBy19_13 Start: 8561, Stop: 9497, Start Num: 23
Candidate Starts for DRBy19_13:
(Start: 23 @8561 has 162 MA's), (Start: 24 @8567 has 70 MA's), (36, 8669), (45, 8699), (Start: 60 @8819 has 1 MA's), (74, 8888), (79, 8906), (83, 8924), (85, 8933), (87, 8948), (88, 8951), (92, 8996),

(101, 9074), (110, 9146), (128, 9494),

Gene: DaWorst_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for DaWorst_14:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (63, 8652), (64, 8655), (74, 8718), (79, 8736), (83, 8754), (85, 8763), (92, 8826), (101, 8904), (110, 8976), (128, 9324),

Gene: DaddyRickover_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for DaddyRickover_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Daenerys_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Daenerys_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Dallas_33 Start: 18992, Stop: 19724, Start Num: 29
Candidate Starts for Dallas_33:
(Start: 16 @18929 has 8 MA's), (Start: 29 @18992 has 24 MA's), (49, 19124), (62, 19211), (76, 19295), (96, 19409), (102, 19472), (105, 19499), (111, 19538),

Gene: Dante_13 Start: 8563, Stop: 9499, Start Num: 23
Candidate Starts for Dante_13:
(Start: 23 @8563 has 162 MA's), (36, 8671), (45, 8701), (57, 8797), (Start: 60 @8821 has 1 MA's), (74, 8890), (79, 8908), (83, 8926), (84, 8929), (85, 8935), (87, 8950), (88, 8953), (92, 8998), (101, 9076), (110, 9148), (128, 9496),

Gene: DeadP_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for DeadP_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Deb65_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Deb65_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: DillTech15_13 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for DillTech15_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: DirtMcgirt_14 Start: 8392, Stop: 9328, Start Num: 23
Candidate Starts for DirtMcgirt_14:
(Start: 9 @8299 has 6 MA's), (Start: 23 @8392 has 162 MA's), (Start: 24 @8398 has 70 MA's), (36, 8500), (45, 8530), (57, 8626), (Start: 60 @8650 has 1 MA's), (74, 8719), (79, 8737), (83, 8755), (84,

8758), (85, 8764), (87, 8779), (88, 8782), (92, 8827), (101, 8905), (102, 8911), (110, 8977), (128, 9325),

Gene: DmpstrDiver_32 Start: 19628, Stop: 20360, Start Num: 29
Candidate Starts for DmpstrDiver_32:
(Start: 16 @19565 has 8 MA's), (Start: 29 @19628 has 24 MA's), (49, 19760), (62, 19847), (76, 19931), (96, 20045), (102, 20108), (105, 20135), (111, 20174),

Gene: DoRead_13 Start: 8534, Stop: 9470, Start Num: 24
Candidate Starts for DoRead_13:
(18, 8507), (Start: 24 @8534 has 70 MA's), (36, 8642), (43, 8666), (45, 8672), (Start: 60 @8792 has 1 MA's), (70, 8825), (74, 8861), (79, 8879), (83, 8897), (85, 8906), (87, 8921), (88, 8924), (92, 8969), (101, 9047), (102, 9053), (110, 9119), (119, 9266), (128, 9467),

Gene: DocMcStuffins_14 Start: 8399, Stop: 9335, Start Num: 23
Candidate Starts for DocMcStuffins_14:
(Start: 23 @8399 has 162 MA's), (Start: 24 @8405 has 70 MA's), (36, 8507), (43, 8531), (45, 8537), (Start: 60 @8657 has 1 MA's), (70, 8690), (74, 8726), (79, 8744), (83, 8762), (84, 8765), (85, 8771), (87, 8786), (88, 8789), (92, 8834), (101, 8912), (110, 8984), (119, 9131), (128, 9332),

Gene: DoctorDiddles_21 Start: 11635, Stop: 12506, Start Num: 30
Candidate Starts for DoctorDiddles_21:
(Start: 20 @11563 has 18 MA's), (Start: 30 @11635 has 86 MA's), (51, 11779), (65, 11872), (71, 11896), (72, 11908), (75, 11932), (78, 11950), (85, 11974), (104, 12133), (117, 12286), (121, 12307), (122, 12352), (123, 12373), (124, 12388), (127, 12499),

Gene: Donkeykong_12 Start: 8555, Stop: 9491, Start Num: 23
Candidate Starts for Donkeykong_12:
(Start: 9 @8462 has 6 MA's), (Start: 23 @8555 has 162 MA's), (Start: 24 @8561 has 70 MA's), (36, 8663), (45, 8693), (57, 8789), (Start: 60 @8813 has 1 MA's), (63, 8816), (64, 8819), (74, 8882), (79, 8900), (83, 8918), (85, 8927), (92, 8990), (101, 9068), (110, 9140), (128, 9488),

Gene: Donovan_16 Start: 9933, Stop: 10851, Start Num: 12
Candidate Starts for Donovan_16:
(Start: 12 @9933 has 44 MA's), (28, 10053), (58, 10269), (67, 10311), (76, 10371), (96, 10485), (111, 10617), (115, 10683),

Gene: Doomphist_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Doomphist_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (43, 8664), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (70, 8823), (79, 8877), (83, 8895), (85, 8904), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Dorothy_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Dorothy_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: DosHalletts_14 Start: 8385, Stop: 9321, Start Num: 23
Candidate Starts for DosHalletts_14:
(Start: 23 @8385 has 162 MA's), (Start: 24 @8391 has 70 MA's), (36, 8493), (45, 8523), (57, 8619), (Start: 60 @8643 has 1 MA's), (74, 8712), (79, 8730), (83, 8748), (84, 8751), (85, 8757), (87, 8772),

(88, 8775), (92, 8820), (101, 8898), (110, 8970), (119, 9117), (128, 9318),

Gene: DotProduct_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for DotProduct_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: Doug_13 Start: 8539, Stop: 9475, Start Num: 23
Candidate Starts for Doug_13:
(Start: 9 @8446 has 6 MA's), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (70, 8830), (74, 8866), (79, 8884), (83, 8902), (85, 8911), (87, 8926), (88, 8929), (92, 8974), (101, 9052), (102, 9058), (110, 9124), (128, 9472),

Gene: Dove_31 Start: 18709, Stop: 19492, Start Num: 21
Candidate Starts for Dove_31:
(Start: 21 @18709 has 7 MA's), (Start: 29 @18760 has 24 MA's), (49, 18892), (62, 18979), (76, 19063), (96, 19177), (102, 19240), (105, 19267), (111, 19306),

Gene: Drago_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for Drago_14:
(Start: 9 @8297 has 6 MA's), (Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (36, 8498), (45, 8528), (Start: 60 @8648 has 1 MA's), (74, 8717), (79, 8735), (83, 8753), (85, 8762), (92, 8825), (101, 8903), (102, 8909), (110, 8975), (128, 9323),

Gene: Duke13_30 Start: 18963, Stop: 19758, Start Num: 16
Candidate Starts for Duke13_30:
(Start: 16 @18963 has 8 MA's), (Start: 29 @19026 has 24 MA's), (49, 19158), (62, 19245), (76, 19329), (96, 19443), (102, 19506), (105, 19533), (111, 19572),

Gene: Duplicity_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Duplicity_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Dusk_20 Start: 12057, Stop: 13000, Start Num: 20
Candidate Starts for Dusk_20:
(Start: 20 @12057 has 18 MA's), (Start: 30 @12129 has 86 MA's), (51, 12273), (65, 12366), (71, 12390), (72, 12402), (75, 12426), (78, 12444), (85, 12468), (104, 12627), (117, 12780), (121, 12801), (122, 12846), (123, 12867), (124, 12882), (127, 12993),

Gene: Dynamo_16 Start: 9860, Stop: 10859, Start Num: 1
Candidate Starts for Dynamo_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: EGUnicorn_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for EGUnicorn_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Easy2Say_22 Start: 13206, Stop: 14080, Start Num: 30

Candidate Starts for Easy2Say_22:
(Start: 20 @13134 has 18 MA's), (Start: 30 @13206 has 86 MA's), (51, 13350), (65, 13443), (71, 13467), (72, 13479), (75, 13503), (78, 13521), (85, 13545), (104, 13704), (117, 13857), (121, 13878), (122, 13923), (123, 13944), (124, 13959), (127, 14070),

Gene: Eish_13 Start: 8528, Stop: 9464, Start Num: 23
Candidate Starts for Eish_13:
(Start: 9 @8435 has 6 MA's), (Start: 23 @8528 has 162 MA's), (Start: 24 @8534 has 70 MA's), (36, 8636), (45, 8666), (57, 8762), (Start: 60 @8786 has 1 MA's), (63, 8789), (64, 8792), (74, 8855), (79, 8873), (83, 8891), (84, 8894), (85, 8900), (92, 8963), (101, 9041), (110, 9113), (128, 9461),

Gene: Ejimix_34 Start: 20202, Stop: 20934, Start Num: 29
Candidate Starts for Ejimix_34:
(Start: 16 @20139 has 8 MA's), (Start: 29 @20202 has 24 MA's), (49, 20334), (62, 20421), (76, 20505), (96, 20619), (102, 20682), (105, 20709), (111, 20748),

Gene: EleanorGeorge_13 Start: 8579, Stop: 9515, Start Num: 24
Candidate Starts for EleanorGeorge_13:
(18, 8552), (Start: 24 @8579 has 70 MA's), (36, 8687), (45, 8717), (Start: 60 @8837 has 1 MA's), (70, 8870), (74, 8906), (79, 8924), (83, 8942), (85, 8951), (87, 8966), (88, 8969), (92, 9014), (101, 9092), (102, 9098), (110, 9164), (119, 9311), (128, 9512),

Gene: Elite2014_20 Start: 11683, Stop: 12554, Start Num: 30
Candidate Starts for Elite2014_20:
(Start: 20 @11611 has 18 MA's), (Start: 30 @11683 has 86 MA's), (51, 11827), (65, 11920), (71, 11944), (72, 11956), (75, 11980), (78, 11998), (85, 12022), (104, 12181), (117, 12334), (121, 12355), (122, 12400), (123, 12421), (124, 12436), (127, 12547),

Gene: Emma_13 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for Emma_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (63, 8837), (64, 8840), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (84, 8942), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: Emmaloid_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for Emmaloid_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (74, 8713), (79, 8731), (83, 8749), (84, 8752), (85, 8758), (87, 8773), (88, 8776), (92, 8821), (101, 8899), (110, 8971), (119, 9118), (128, 9319),

Gene: Emmina_21 Start: 11788, Stop: 12662, Start Num: 30
Candidate Starts for Emmina_21:
(Start: 20 @11716 has 18 MA's), (Start: 30 @11788 has 86 MA's), (51, 11932), (65, 12025), (71, 12049), (72, 12061), (75, 12085), (78, 12103), (85, 12127), (104, 12286), (117, 12439), (121, 12460), (122, 12505), (123, 12526), (124, 12541), (127, 12652),

Gene: Enby_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for Enby_14:
(Start: 9 @8297 has 6 MA's), (Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (36, 8498), (45, 8528), (Start: 60 @8648 has 1 MA's), (74, 8717), (79, 8735), (83, 8753), (85, 8762), (92, 8825), (101, 8903), (102, 8909), (110, 8975), (128, 9323),

Gene: Eradicator_13 Start: 8533, Stop: 9469, Start Num: 23

Candidate Starts for Eradicator_13:
(Start: 23 @8533 has 162 MA's), (Start: 24 @8539 has 70 MA's), (36, 8641), (45, 8671), (57, 8767), (Start: 60 @8791 has 1 MA's), (74, 8860), (79, 8878), (83, 8896), (84, 8899), (85, 8905), (87, 8920), (88, 8923), (92, 8968), (101, 9046), (110, 9118), (128, 9466),

Gene: EricMillard_33 Start: 19738, Stop: 20470, Start Num: 29
Candidate Starts for EricMillard_33:
(Start: 16 @19675 has 8 MA's), (Start: 29 @19738 has 24 MA's), (49, 19870), (62, 19957), (76, 20041), (96, 20155), (102, 20218), (105, 20245), (111, 20284),

Gene: Estave1_13 Start: 8548, Stop: 9484, Start Num: 23
Candidate Starts for Estave1_13:
(Start: 23 @8548 has 162 MA's), (Start: 24 @8554 has 70 MA's), (36, 8656), (45, 8686), (57, 8782), (Start: 60 @8806 has 1 MA's), (74, 8875), (79, 8893), (83, 8911), (85, 8920), (87, 8935), (88, 8938), (92, 8983), (101, 9061), (110, 9133), (128, 9481),

Gene: Etoile_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for Etoile_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: FairyPath_21 Start: 12667, Stop: 13538, Start Num: 30
Candidate Starts for FairyPath_21:
(Start: 20 @12595 has 18 MA's), (Start: 30 @12667 has 86 MA's), (51, 12811), (65, 12904), (71, 12928), (72, 12940), (75, 12964), (78, 12982), (85, 13006), (104, 13165), (117, 13318), (121, 13339), (122, 13384), (123, 13405), (124, 13420), (127, 13531),

Gene: Familton_54 Start: 25753, Stop: 26704, Start Num: 19
Candidate Starts for Familton_54:
(Start: 19 @25753 has 19 MA's), (Start: 22 @25765 has 3 MA's), (33, 25837), (37, 25882), (38, 25885), (45, 25909), (48, 25927), (51, 25957), (61, 26035), (63, 26038), (73, 26095), (79, 26119), (92, 26194), (102, 26278), (110, 26344), (113, 26440),

Gene: Fancypants_13 Start: 8539, Stop: 9475, Start Num: 23
Candidate Starts for Fancypants_13:
(Start: 9 @8446 has 6 MA's), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (70, 8830), (74, 8866), (79, 8884), (83, 8902), (85, 8911), (92, 8974), (101, 9052), (110, 9124), (128, 9472),

Gene: Fastidio_13 Start: 8546, Stop: 9482, Start Num: 23
Candidate Starts for Fastidio_13:
(Start: 23 @8546 has 162 MA's), (Start: 24 @8552 has 70 MA's), (36, 8654), (45, 8684), (Start: 60 @8804 has 1 MA's), (70, 8837), (74, 8873), (79, 8891), (83, 8909), (85, 8918), (87, 8933), (88, 8936), (92, 8981), (101, 9059), (102, 9065), (110, 9131), (119, 9278), (128, 9479),

Gene: Filch_22 Start: 12228, Stop: 13099, Start Num: 30
Candidate Starts for Filch_22:
(Start: 20 @12156 has 18 MA's), (Start: 30 @12228 has 86 MA's), (51, 12372), (65, 12465), (71, 12489), (72, 12501), (75, 12525), (78, 12543), (85, 12567), (104, 12726), (117, 12879), (121, 12900), (122, 12945), (123, 12966), (124, 12981), (127, 13092),

Gene: Filuzino_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for Filuzino_13:

(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: FireRed_20 Start: 11979, Stop: 12853, Start Num: 30
Candidate Starts for FireRed_20:
(Start: 20 @11907 has 18 MA's), (Start: 30 @11979 has 86 MA's), (51, 12123), (65, 12216), (71, 12240), (72, 12252), (75, 12276), (78, 12294), (85, 12318), (104, 12477), (117, 12630), (121, 12651), (122, 12696), (123, 12717), (124, 12732), (127, 12843),

Gene: Firehouse51_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for Firehouse51_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: FirstPlacePfu_16 Start: 9860, Stop: 10859, Start Num: 1
Candidate Starts for FirstPlacePfu_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Fishburne_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for Fishburne_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Flathead_14 Start: 8409, Stop: 9345, Start Num: 24
Candidate Starts for Flathead_14:
(18, 8382), (Start: 24 @8409 has 70 MA's), (36, 8517), (43, 8541), (45, 8547), (Start: 60 @8667 has 1 MA's), (70, 8700), (74, 8736), (79, 8754), (83, 8772), (84, 8775), (85, 8781), (87, 8796), (88, 8799), (92, 8844), (101, 8922), (102, 8928), (110, 8994), (119, 9141), (128, 9342),

Gene: Florinda_13 Start: 8559, Stop: 9495, Start Num: 23
Candidate Starts for Florinda_13:
(Start: 9 @8466 has 6 MA's), (Start: 23 @8559 has 162 MA's), (Start: 24 @8565 has 70 MA's), (36, 8667), (43, 8691), (45, 8697), (57, 8793), (Start: 60 @8817 has 1 MA's), (63, 8820), (64, 8823), (70, 8850), (74, 8886), (79, 8904), (83, 8922), (85, 8931), (92, 8994), (101, 9072), (110, 9144), (119, 9291), (128, 9492),

Gene: Flypotenuse_19 Start: 12086, Stop: 12957, Start Num: 30
Candidate Starts for Flypotenuse_19:
(Start: 20 @12014 has 18 MA's), (Start: 30 @12086 has 86 MA's), (51, 12230), (65, 12323), (71, 12347), (72, 12359), (75, 12383), (78, 12401), (85, 12425), (104, 12584), (117, 12737), (121, 12758), (122, 12803), (123, 12824), (124, 12839), (127, 12950),

Gene: Frankie_14 Start: 8588, Stop: 9524, Start Num: 23
Candidate Starts for Frankie_14:
(Start: 23 @8588 has 162 MA's), (Start: 24 @8594 has 70 MA's), (36, 8696), (43, 8720), (45, 8726), (Start: 60 @8846 has 1 MA's), (70, 8879), (74, 8915), (79, 8933), (83, 8951), (84, 8954), (85, 8960), (87, 8975), (88, 8978), (92, 9023), (101, 9101), (102, 9107), (110, 9173), (128, 9521),

Gene: FreddyB_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for FreddyB_13:

(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: Fruitloop_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for Fruitloop_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (84, 8944), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: Fulbright_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Fulbright_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: GUmbie_12 Start: 8572, Stop: 9508, Start Num: 24
Candidate Starts for GUmbie_12:
(18, 8545), (Start: 24 @8572 has 70 MA's), (36, 8680), (45, 8710), (Start: 60 @8830 has 1 MA's), (70, 8863), (74, 8899), (79, 8917), (83, 8935), (84, 8938), (85, 8944), (87, 8959), (88, 8962), (92, 9007), (101, 9085), (102, 9091), (110, 9157), (119, 9304), (128, 9505),

Gene: Gage_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for Gage_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Galactic_13 Start: 8552, Stop: 9488, Start Num: 24
Candidate Starts for Galactic_13:
(18, 8525), (Start: 24 @8552 has 70 MA's), (36, 8660), (45, 8690), (Start: 60 @8810 has 1 MA's), (63, 8813), (64, 8816), (70, 8843), (74, 8879), (79, 8897), (83, 8915), (84, 8918), (85, 8924), (87, 8939), (88, 8942), (92, 8987), (101, 9065), (102, 9071), (110, 9137), (119, 9284), (128, 9485),

Gene: Gandalph_13 Start: 8550, Stop: 9486, Start Num: 23
Candidate Starts for Gandalph_13:
(Start: 23 @8550 has 162 MA's), (Start: 24 @8556 has 70 MA's), (36, 8658), (45, 8688), (57, 8784), (Start: 60 @8808 has 1 MA's), (74, 8877), (79, 8895), (83, 8913), (84, 8916), (85, 8922), (87, 8937), (88, 8940), (92, 8985), (101, 9063), (110, 9135), (128, 9483),

Gene: Gator_19 Start: 12013, Stop: 12956, Start Num: 20
Candidate Starts for Gator_19:
(Start: 20 @12013 has 18 MA's), (Start: 30 @12085 has 86 MA's), (51, 12229), (65, 12322), (71, 12346), (72, 12358), (75, 12382), (78, 12400), (85, 12424), (104, 12583), (117, 12736), (121, 12757), (122, 12802), (123, 12823), (124, 12838), (127, 12949),

Gene: Gavriela_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for Gavriela_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: Gemini_23 Start: 12463, Stop: 13337, Start Num: 30
Candidate Starts for Gemini_23:

(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Geralt_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Geralt_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Gex_15 Start: 9035, Stop: 9941, Start Num: 26
Candidate Starts for Gex_15:
(Start: 26 @9035 has 46 MA's), (40, 9143), (51, 9206), (67, 9311), (79, 9374), (80, 9380), (83, 9392), (84, 9395), (99, 9485), (108, 9587), (114, 9701), (120, 9758),

Gene: GigiOuiOui_13 Start: 8549, Stop: 9485, Start Num: 23
Candidate Starts for GigiOuiOui_13:
(Start: 23 @8549 has 162 MA's), (Start: 24 @8555 has 70 MA's), (36, 8657), (45, 8687), (57, 8783), (Start: 60 @8807 has 1 MA's), (74, 8876), (79, 8894), (83, 8912), (84, 8915), (85, 8921), (87, 8936), (88, 8939), (92, 8984), (101, 9062), (102, 9068), (110, 9134), (119, 9281), (128, 9482),

Gene: Girafales_14 Start: 8403, Stop: 9339, Start Num: 24
Candidate Starts for Girafales_14:
(18, 8376), (Start: 24 @8403 has 70 MA's), (36, 8511), (45, 8541), (Start: 60 @8661 has 1 MA's), (63, 8664), (64, 8667), (70, 8694), (74, 8730), (83, 8766), (84, 8769), (85, 8775), (87, 8790), (88, 8793), (92, 8838), (101, 8916), (102, 8922), (110, 8988), (119, 9135), (128, 9336),

Gene: Girr_13 Start: 8542, Stop: 9478, Start Num: 23
Candidate Starts for Girr_13:
(Start: 9 @8449 has 6 MA's), (Start: 23 @8542 has 162 MA's), (Start: 24 @8548 has 70 MA's), (36, 8650), (45, 8680), (57, 8776), (Start: 60 @8800 has 1 MA's), (63, 8803), (64, 8806), (74, 8869), (79, 8887), (83, 8905), (84, 8908), (85, 8914), (92, 8977), (101, 9055), (102, 9061), (110, 9127), (128, 9475),

Gene: Glaske_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for Glaske_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: Glexan_19 Start: 12014, Stop: 12957, Start Num: 20
Candidate Starts for Glexan_19:
(Start: 20 @12014 has 18 MA's), (Start: 30 @12086 has 86 MA's), (51, 12230), (65, 12323), (71, 12347), (72, 12359), (75, 12383), (78, 12401), (85, 12425), (104, 12584), (117, 12737), (121, 12758), (122, 12803), (123, 12824), (124, 12839), (127, 12950),

Gene: GoldenSpark_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for GoldenSpark_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Goldilocks_22 Start: 11880, Stop: 12751, Start Num: 30
Candidate Starts for Goldilocks_22:

(Start: 20 @11808 has 18 MA's), (Start: 30 @11880 has 86 MA's), (51, 12024), (65, 12117), (71, 12141), (72, 12153), (75, 12177), (78, 12195), (85, 12219), (104, 12378), (117, 12531), (121, 12552), (122, 12597), (123, 12618), (124, 12633), (127, 12744),

Gene: GooberAzure_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for GooberAzure_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Gorge_13 Start: 8521, Stop: 9457, Start Num: 23
Candidate Starts for Gorge_13:
(Start: 23 @8521 has 162 MA's), (Start: 24 @8527 has 70 MA's), (36, 8629), (45, 8659), (57, 8755), (Start: 60 @8779 has 1 MA's), (74, 8848), (79, 8866), (83, 8884), (84, 8887), (85, 8893), (87, 8908), (88, 8911), (92, 8956), (101, 9034), (110, 9106), (128, 9454),

Gene: GreaseLightnin_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for GreaseLightnin_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Grimmer_14 Start: 9191, Stop: 10127, Start Num: 23
Candidate Starts for Grimmer_14:
(7, 9092), (Start: 23 @9191 has 162 MA's), (Start: 24 @9197 has 70 MA's), (36, 9299), (43, 9323), (45, 9329), (57, 9425), (Start: 60 @9449 has 1 MA's), (70, 9482), (74, 9518), (79, 9536), (83, 9554), (85, 9563), (92, 9626), (101, 9704), (110, 9776), (128, 10124),

Gene: Guppsters_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for Guppsters_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (85, 8949), (92, 9012), (101, 9090), (110, 9162), (128, 9510),

Gene: HUHilltop_16 Start: 9860, Stop: 10859, Start Num: 1
Candidate Starts for HUHilltop_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Hades_13 Start: 8539, Stop: 9475, Start Num: 23
Candidate Starts for Hades_13:
(Start: 9 @8446 has 6 MA's), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (74, 8866), (79, 8884), (83, 8902), (85, 8911), (92, 8974), (101, 9052), (102, 9058), (110, 9124), (128, 9472),

Gene: Halley_33 Start: 19388, Stop: 20183, Start Num: 16
Candidate Starts for Halley_33:
(Start: 16 @19388 has 8 MA's), (Start: 29 @19451 has 24 MA's), (49, 19583), (62, 19670), (76, 19754), (96, 19868), (102, 19931), (105, 19958), (111, 19997),

Gene: Hamulus_13 Start: 8583, Stop: 9519, Start Num: 24
Candidate Starts for Hamulus_13:
(18, 8556), (Start: 24 @8583 has 70 MA's), (36, 8691), (45, 8721), (Start: 60 @8841 has 1 MA's), (70, 8874), (74, 8910), (79, 8928), (83, 8946), (85, 8955), (87, 8970), (88, 8973), (92, 9018), (101, 9096), (102, 9102), (110, 9168), (119, 9315), (128, 9516),

Gene: HanKaySha_22 Start: 12218, Stop: 13089, Start Num: 30
Candidate Starts for HanKaySha_22:
(Start: 20 @12146 has 18 MA's), (Start: 30 @12218 has 86 MA's), (51, 12362), (65, 12455), (71, 12479), (72, 12491), (75, 12515), (78, 12533), (85, 12557), (104, 12716), (117, 12869), (121, 12890), (122, 12935), (123, 12956), (124, 12971), (127, 13082),

Gene: Hanako_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Hanako_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Hannaconda_28 Start: 16092, Stop: 16824, Start Num: 29
Candidate Starts for Hannaconda_28:
(Start: 29 @16092 has 24 MA's), (49, 16224), (62, 16311), (76, 16395), (96, 16509), (102, 16572), (105, 16599), (111, 16638),

Gene: Harella_19 Start: 12086, Stop: 12960, Start Num: 30
Candidate Starts for Harella_19:
(Start: 20 @12014 has 18 MA's), (Start: 30 @12086 has 86 MA's), (51, 12230), (65, 12323), (71, 12347), (72, 12359), (75, 12383), (78, 12401), (85, 12425), (104, 12584), (117, 12737), (121, 12758), (122, 12803), (123, 12824), (124, 12839), (127, 12950),

Gene: Harley_13 Start: 8528, Stop: 9464, Start Num: 23
Candidate Starts for Harley_13:
(Start: 9 @8435 has 6 MA's), (Start: 23 @8528 has 162 MA's), (Start: 24 @8534 has 70 MA's), (36, 8636), (45, 8666), (57, 8762), (Start: 60 @8786 has 1 MA's), (70, 8819), (79, 8873), (83, 8891), (85, 8900), (92, 8963), (101, 9041), (110, 9113), (128, 9461),

Gene: Hegedechwinu_14 Start: 8409, Stop: 9345, Start Num: 24
Candidate Starts for Hegedechwinu_14:
(18, 8382), (Start: 24 @8409 has 70 MA's), (36, 8517), (43, 8541), (45, 8547), (Start: 60 @8667 has 1 MA's), (63, 8670), (64, 8673), (70, 8700), (74, 8736), (79, 8754), (83, 8772), (84, 8775), (85, 8781), (87, 8796), (88, 8799), (92, 8844), (101, 8922), (102, 8928), (110, 8994), (119, 9141), (128, 9342),

Gene: Henry_20 Start: 12469, Stop: 13340, Start Num: 30
Candidate Starts for Henry_20:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Hidrated_33 Start: 20897, Stop: 21629, Start Num: 29
Candidate Starts for Hidrated_33:
(Start: 16 @20834 has 8 MA's), (Start: 29 @20897 has 24 MA's), (49, 21029), (62, 21116), (76, 21200), (96, 21314), (102, 21377), (105, 21404), (111, 21443),

Gene: Highbury_22 Start: 12137, Stop: 13008, Start Num: 30
Candidate Starts for Highbury_22:
(Start: 20 @12065 has 18 MA's), (Start: 30 @12137 has 86 MA's), (51, 12281), (65, 12374), (71, 12398), (72, 12410), (75, 12434), (78, 12452), (85, 12476), (104, 12635), (117, 12788), (121, 12809), (122, 12854), (123, 12875), (124, 12890), (127, 13001),

Gene: Hlubikazi_13 Start: 8534, Stop: 9470, Start Num: 23

Candidate Starts for Hlubikazi_13:
(Start: 23 @8534 has 162 MA's), (Start: 24 @8540 has 70 MA's), (36, 8642), (45, 8672), (57, 8768), (Start: 60 @8792 has 1 MA's), (74, 8861), (79, 8879), (83, 8897), (84, 8900), (85, 8906), (87, 8921), (88, 8924), (92, 8969), (101, 9047), (110, 9119), (128, 9467),

Gene: HokkenD_28 Start: 19021, Stop: 19753, Start Num: 29
Candidate Starts for HokkenD_28:
(Start: 16 @18958 has 8 MA's), (Start: 29 @19021 has 24 MA's), (49, 19153), (62, 19240), (76, 19324), (96, 19438), (102, 19501), (105, 19528), (111, 19567),

Gene: Holt_22 Start: 11753, Stop: 12624, Start Num: 30
Candidate Starts for Holt_22:
(Start: 20 @11681 has 18 MA's), (Start: 30 @11753 has 86 MA's), (51, 11897), (65, 11990), (71, 12014), (72, 12026), (75, 12050), (78, 12068), (85, 12092), (104, 12251), (117, 12404), (121, 12425), (122, 12470), (123, 12491), (124, 12506), (127, 12617),

Gene: Hoonter_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for Hoonter_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Hopey_22 Start: 12156, Stop: 13102, Start Num: 20
Candidate Starts for Hopey_22:
(Start: 20 @12156 has 18 MA's), (Start: 30 @12228 has 86 MA's), (51, 12372), (65, 12465), (71, 12489), (72, 12501), (75, 12525), (78, 12543), (85, 12567), (104, 12726), (117, 12879), (121, 12900), (122, 12945), (123, 12966), (124, 12981), (127, 13092),

Gene: Hughesyang_32 Start: 19582, Stop: 20365, Start Num: 21
Candidate Starts for Hughesyang_32:
(Start: 21 @19582 has 7 MA's), (Start: 29 @19633 has 24 MA's), (49, 19765), (62, 19852), (76, 19936), (96, 20050), (102, 20113), (105, 20140), (111, 20179),

Gene: IHOP_20 Start: 12057, Stop: 13003, Start Num: 20
Candidate Starts for IHOP_20:
(Start: 20 @12057 has 18 MA's), (Start: 30 @12129 has 86 MA's), (51, 12273), (65, 12366), (71, 12390), (72, 12402), (75, 12426), (78, 12444), (85, 12468), (104, 12627), (117, 12780), (121, 12801), (122, 12846), (123, 12867), (124, 12882), (127, 12993),

Gene: IbOuu_13 Start: 8531, Stop: 9467, Start Num: 23
Candidate Starts for IbOuu_13:
(Start: 23 @8531 has 162 MA's), (Start: 24 @8537 has 70 MA's), (36, 8639), (45, 8669), (57, 8765), (Start: 60 @8789 has 1 MA's), (74, 8858), (79, 8876), (83, 8894), (84, 8897), (85, 8903), (87, 8918), (88, 8921), (92, 8966), (101, 9044), (102, 9050), (110, 9116), (128, 9464),

Gene: Ibhubesi_12 Start: 8528, Stop: 9464, Start Num: 23
Candidate Starts for Ibhubesi_12:
(Start: 9 @8435 has 6 MA's), (Start: 23 @8528 has 162 MA's), (Start: 24 @8534 has 70 MA's), (36, 8636), (45, 8666), (57, 8762), (Start: 60 @8786 has 1 MA's), (70, 8819), (79, 8873), (83, 8891), (85, 8900), (92, 8963), (101, 9041), (110, 9113), (128, 9461),

Gene: Icee_20 Start: 12129, Stop: 13000, Start Num: 30
Candidate Starts for Icee_20:

(Start: 20 @12057 has 18 MA's), (Start: 30 @12129 has 86 MA's), (51, 12273), (65, 12366), (71, 12390), (72, 12402), (75, 12426), (78, 12444), (85, 12468), (104, 12627), (117, 12780), (121, 12801), (122, 12846), (123, 12867), (124, 12882), (127, 12993),

Gene: Imara_53 Start: 25556, Stop: 26507, Start Num: 19
Candidate Starts for Imara_53:
(Start: 19 @25556 has 19 MA's), (Start: 22 @25568 has 3 MA's), (33, 25640), (37, 25685), (38, 25688), (45, 25712), (48, 25730), (51, 25760), (61, 25838), (63, 25841), (73, 25898), (79, 25922), (92, 25997), (102, 26081), (110, 26147), (113, 26243),

Gene: Inca_20 Start: 11149, Stop: 12020, Start Num: 30
Candidate Starts for Inca_20:
(Start: 20 @11077 has 18 MA's), (Start: 30 @11149 has 86 MA's), (51, 11293), (65, 11386), (71, 11410), (72, 11422), (75, 11446), (78, 11464), (85, 11488), (104, 11647), (117, 11800), (121, 11821), (122, 11866), (123, 11887), (124, 11902), (127, 12013),

Gene: Inventum_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Inventum_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: IrishSherpFalk_13 Start: 8563, Stop: 9499, Start Num: 24
Candidate Starts for IrishSherpFalk_13:
(18, 8536), (Start: 24 @8563 has 70 MA's), (36, 8671), (45, 8701), (Start: 60 @8821 has 1 MA's), (70, 8854), (74, 8890), (79, 8908), (83, 8926), (85, 8935), (92, 8998), (101, 9076), (110, 9148), (128, 9496),

Gene: JalFarm20_14 Start: 8385, Stop: 9321, Start Num: 23
Candidate Starts for JalFarm20_14:
(Start: 23 @8385 has 162 MA's), (Start: 24 @8391 has 70 MA's), (36, 8493), (45, 8523), (57, 8619), (Start: 60 @8643 has 1 MA's), (74, 8712), (79, 8730), (83, 8748), (84, 8751), (85, 8757), (87, 8772), (88, 8775), (92, 8820), (101, 8898), (110, 8970), (128, 9318),

Gene: James_13 Start: 8529, Stop: 9465, Start Num: 23
Candidate Starts for James_13:
(Start: 9 @8436 has 6 MA's), (Start: 23 @8529 has 162 MA's), (Start: 24 @8535 has 70 MA's), (36, 8637), (45, 8667), (57, 8763), (Start: 60 @8787 has 1 MA's), (63, 8790), (64, 8793), (74, 8856), (79, 8874), (83, 8892), (85, 8901), (92, 8964), (101, 9042), (110, 9114), (128, 9462),

Gene: Jamie19_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Jamie19_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: JangDynasty_53 Start: 25854, Stop: 26793, Start Num: 22
Candidate Starts for JangDynasty_53:
(Start: 19 @25842 has 19 MA's), (Start: 22 @25854 has 3 MA's), (33, 25926), (37, 25971), (38, 25974), (45, 25998), (48, 26016), (51, 26046), (61, 26124), (63, 26127), (73, 26184), (79, 26208), (92, 26283), (102, 26367), (110, 26433), (113, 26529),

Gene: Jarcob_13 Start: 8537, Stop: 9473, Start Num: 23
Candidate Starts for Jarcob_13:

(Start: 9 @8444 has 6 MA's), (Start: 23 @8537 has 162 MA's), (Start: 24 @8543 has 70 MA's), (36, 8645), (45, 8675), (57, 8771), (Start: 60 @8795 has 1 MA's), (63, 8798), (64, 8801), (74, 8864), (79, 8882), (83, 8900), (85, 8909), (92, 8972), (101, 9050), (110, 9122), (128, 9470),

Gene: JeTaime_23 Start: 13268, Stop: 14139, Start Num: 30
Candidate Starts for JeTaime_23:
(Start: 20 @13196 has 18 MA's), (Start: 30 @13268 has 86 MA's), (51, 13412), (65, 13505), (71, 13529), (72, 13541), (75, 13565), (78, 13583), (85, 13607), (104, 13766), (117, 13919), (121, 13940), (122, 13985), (123, 14006), (124, 14021), (127, 14132),

Gene: Jebeks_16 Start: 9926, Stop: 10844, Start Num: 12
Candidate Starts for Jebeks_16:
(Start: 1 @9845 has 3 MA's), (2, 9848), (Start: 12 @9926 has 44 MA's), (58, 10262), (67, 10304), (76, 10364), (96, 10478), (111, 10610), (115, 10676),

Gene: Jennelsea_13 Start: 8520, Stop: 9456, Start Num: 23
Candidate Starts for Jennelsea_13:
(Start: 23 @8520 has 162 MA's), (Start: 24 @8526 has 70 MA's), (36, 8628), (45, 8658), (57, 8754), (Start: 60 @8778 has 1 MA's), (74, 8847), (79, 8865), (83, 8883), (84, 8886), (85, 8892), (87, 8907), (88, 8910), (92, 8955), (101, 9033), (110, 9105), (128, 9453),

Gene: Job42_14 Start: 8408, Stop: 9344, Start Num: 24
Candidate Starts for Job42_14:
(18, 8381), (Start: 24 @8408 has 70 MA's), (36, 8516), (45, 8546), (Start: 60 @8666 has 1 MA's), (63, 8669), (64, 8672), (70, 8699), (74, 8735), (79, 8753), (83, 8771), (84, 8774), (85, 8780), (87, 8795), (88, 8798), (92, 8843), (101, 8921), (102, 8927), (110, 8993), (119, 9140), (128, 9341),

Gene: JoeyJr_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for JoeyJr_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Journey_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Journey_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Juice456_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for Juice456_14:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (63, 8652), (64, 8655), (74, 8718), (79, 8736), (83, 8754), (85, 8763), (87, 8778), (88, 8781), (92, 8826), (101, 8904), (110, 8976), (128, 9324),

Gene: JuicyJay_34 Start: 20222, Stop: 21017, Start Num: 16
Candidate Starts for JuicyJay_34:
(Start: 16 @20222 has 8 MA's), (Start: 29 @20285 has 24 MA's), (49, 20417), (62, 20504), (76, 20588), (96, 20702), (102, 20765), (105, 20792), (111, 20831),

Gene: Jung_16 Start: 9987, Stop: 10905, Start Num: 12
Candidate Starts for Jung_16:

(3, 9894), (Start: 12 @9987 has 44 MA's), (58, 10323), (67, 10365), (76, 10425), (96, 10539), (111, 10671), (115, 10737),

Gene: Juniormint_16 Start: 9961, Stop: 10879, Start Num: 12
Candidate Starts for Juniormint_16:
(Start: 1 @9880 has 3 MA's), (2, 9883), (Start: 12 @9961 has 44 MA's), (58, 10297), (67, 10339), (76, 10399), (96, 10513), (111, 10645), (115, 10711),

Gene: Juniper1_13 Start: 8529, Stop: 9465, Start Num: 23
Candidate Starts for Juniper1_13:
(Start: 9 @8436 has 6 MA's), (Start: 23 @8529 has 162 MA's), (Start: 24 @8535 has 70 MA's), (36, 8637), (43, 8661), (45, 8667), (57, 8763), (Start: 60 @8787 has 1 MA's), (70, 8820), (79, 8874), (84, 8895), (85, 8901), (92, 8964), (101, 9042), (110, 9114), (128, 9462),

Gene: Kalah2_34 Start: 19990, Stop: 20785, Start Num: 16
Candidate Starts for Kalah2_34:
(Start: 16 @19990 has 8 MA's), (Start: 29 @20053 has 24 MA's), (49, 20185), (62, 20272), (76, 20356), (96, 20470), (102, 20533), (105, 20560), (111, 20599),

Gene: Kanye_23 Start: 13384, Stop: 14327, Start Num: 20
Candidate Starts for Kanye_23:
(Start: 20 @13384 has 18 MA's), (Start: 30 @13456 has 86 MA's), (51, 13600), (65, 13693), (71, 13717), (72, 13729), (75, 13753), (78, 13771), (85, 13795), (104, 13954), (117, 14107), (121, 14128), (122, 14173), (123, 14194), (124, 14209), (127, 14320),

Gene: Karhdo_13 Start: 8447, Stop: 9476, Start Num: 9
Candidate Starts for Karhdo_13:
(Start: 9 @8447 has 6 MA's), (Start: 23 @8540 has 162 MA's), (Start: 24 @8546 has 70 MA's), (36, 8648), (43, 8672), (45, 8678), (57, 8774), (Start: 60 @8798 has 1 MA's), (63, 8801), (64, 8804), (70, 8831), (74, 8867), (79, 8885), (83, 8903), (85, 8912), (92, 8975), (101, 9053), (110, 9125), (128, 9473),

Gene: Kari_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for Kari_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: KashFlow_25 Start: 15658, Stop: 16390, Start Num: 29
Candidate Starts for KashFlow_25:
(Start: 29 @15658 has 24 MA's), (76, 15961), (79, 15979), (96, 16075), (102, 16138), (105, 16165), (111, 16204),

Gene: Kenuha5_13 Start: 8545, Stop: 9481, Start Num: 24
Candidate Starts for Kenuha5_13:
(18, 8518), (Start: 24 @8545 has 70 MA's), (36, 8653), (43, 8677), (45, 8683), (Start: 60 @8803 has 1 MA's), (70, 8836), (74, 8872), (79, 8890), (83, 8908), (85, 8917), (87, 8932), (88, 8935), (92, 8980), (101, 9058), (102, 9064), (110, 9130), (119, 9277), (128, 9478),

Gene: Kersh_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Kersh_13:
(4, 8364), (7, 8433), (Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (63, 8793), (64, 8796), (70, 8823), (79, 8877), (83, 8895), (85, 8904), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Kevin1_15 Start: 9056, Stop: 9962, Start Num: 26
Candidate Starts for Kevin1_15:
(Start: 26 @9056 has 46 MA's), (40, 9164), (44, 9176), (51, 9227), (57, 9275), (67, 9332), (79, 9395), (80, 9401), (84, 9416), (99, 9506), (102, 9554), (114, 9722), (120, 9779),

Gene: KilKor_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for KilKor_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: Kimberlium_13 Start: 8298, Stop: 9327, Start Num: 9
Candidate Starts for Kimberlium_13:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (63, 8652), (64, 8655), (74, 8718), (79, 8736), (83, 8754), (85, 8763), (87, 8778), (88, 8781), (92, 8826), (101, 8904), (110, 8976), (128, 9324),

Gene: Kimchi_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for Kimchi_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: KingJulian_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for KingJulian_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (63, 8839), (64, 8842), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (84, 8944), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: KingMidas_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for KingMidas_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (102, 9051), (110, 9117), (128, 9465),

Gene: KingPhillip3_53 Start: 25747, Stop: 26698, Start Num: 19
Candidate Starts for KingPhillip3_53:
(Start: 19 @25747 has 19 MA's), (Start: 22 @25759 has 3 MA's), (33, 25831), (37, 25876), (38, 25879), (45, 25903), (48, 25921), (51, 25951), (61, 26029), (63, 26032), (73, 26089), (79, 26113), (92, 26188), (102, 26272), (110, 26338), (113, 26434),

Gene: Kingsley_14 Start: 8383, Stop: 9319, Start Num: 23
Candidate Starts for Kingsley_14:
(Start: 23 @8383 has 162 MA's), (Start: 24 @8389 has 70 MA's), (36, 8491), (45, 8521), (57, 8617), (Start: 60 @8641 has 1 MA's), (74, 8710), (79, 8728), (83, 8746), (84, 8749), (85, 8755), (87, 8770), (88, 8773), (92, 8818), (101, 8896), (110, 8968), (128, 9316),

Gene: Klein_33 Start: 19031, Stop: 19763, Start Num: 29
Candidate Starts for Klein_33:
(Start: 16 @18968 has 8 MA's), (Start: 29 @19031 has 24 MA's), (49, 19163), (62, 19250), (76, 19334), (96, 19448), (102, 19511), (105, 19538), (111, 19577),

Gene: Koella_13 Start: 8532, Stop: 9468, Start Num: 23

Candidate Starts for Koella_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Krakatau_14 Start: 9229, Stop: 10165, Start Num: 24
Candidate Starts for Krakatau_14:
(18, 9202), (Start: 24 @9229 has 70 MA's), (36, 9337), (45, 9367), (Start: 60 @9487 has 1 MA's), (63, 9490), (64, 9493), (70, 9520), (74, 9556), (79, 9574), (83, 9592), (85, 9601), (87, 9616), (88, 9619), (92, 9664), (101, 9742), (102, 9748), (110, 9814), (119, 9961), (128, 10162),

Gene: Krili_52 Start: 25464, Stop: 26415, Start Num: 19
Candidate Starts for Krili_52:
(Start: 19 @25464 has 19 MA's), (Start: 22 @25476 has 3 MA's), (33, 25548), (37, 25593), (38, 25596), (45, 25620), (48, 25638), (51, 25668), (61, 25746), (63, 25749), (73, 25806), (79, 25830), (92, 25905), (102, 25989), (110, 26055), (113, 26151),

Gene: KristaRAM_14 Start: 9226, Stop: 10162, Start Num: 24
Candidate Starts for KristaRAM_14:
(18, 9199), (Start: 24 @9226 has 70 MA's), (36, 9334), (45, 9364), (Start: 60 @9484 has 1 MA's), (70, 9517), (74, 9553), (79, 9571), (83, 9589), (84, 9592), (85, 9598), (87, 9613), (88, 9616), (92, 9661), (101, 9739), (102, 9745), (110, 9811), (119, 9958), (128, 10159),

Gene: Ksquared_15 Start: 9957, Stop: 10875, Start Num: 12
Candidate Starts for Ksquared_15:
(Start: 1 @9876 has 3 MA's), (2, 9879), (Start: 12 @9957 has 44 MA's), (58, 10293), (67, 10335), (76, 10395), (96, 10509), (111, 10641), (115, 10707),

Gene: Langerak_16 Start: 9925, Stop: 10843, Start Num: 12
Candidate Starts for Langerak_16:
(Start: 1 @9844 has 3 MA's), (2, 9847), (Start: 12 @9925 has 44 MA's), (58, 10261), (67, 10303), (76, 10363), (96, 10477), (111, 10609), (115, 10675),

Gene: LastJedi_13 Start: 8528, Stop: 9464, Start Num: 23
Candidate Starts for LastJedi_13:
(Start: 23 @8528 has 162 MA's), (Start: 24 @8534 has 70 MA's), (36, 8636), (45, 8666), (57, 8762), (Start: 60 @8786 has 1 MA's), (63, 8789), (64, 8792), (74, 8855), (79, 8873), (83, 8891), (85, 8900), (92, 8963), (101, 9041), (110, 9113), (128, 9461),

Gene: Latretium_13 Start: 8521, Stop: 9457, Start Num: 23
Candidate Starts for Latretium_13:
(Start: 23 @8521 has 162 MA's), (Start: 24 @8527 has 70 MA's), (36, 8629), (45, 8659), (57, 8755), (Start: 60 @8779 has 1 MA's), (74, 8848), (79, 8866), (83, 8884), (84, 8887), (85, 8893), (87, 8908), (88, 8911), (92, 8956), (101, 9034), (110, 9106), (128, 9454),

Gene: Leozinho_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for Leozinho_14:
(7, 8291), (Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (36, 8498), (45, 8528), (57, 8624), (Start: 60 @8648 has 1 MA's), (63, 8651), (64, 8654), (70, 8681), (74, 8717), (79, 8735), (83, 8753), (85, 8762), (92, 8825), (101, 8903), (110, 8975), (128, 9323),

Gene: Leperchaun_13 Start: 8521, Stop: 9457, Start Num: 23
Candidate Starts for Leperchaun_13:

(Start: 23 @8521 has 162 MA's), (Start: 24 @8527 has 70 MA's), (36, 8629), (45, 8659), (57, 8755), (Start: 60 @8779 has 1 MA's), (74, 8848), (79, 8866), (83, 8884), (84, 8887), (85, 8893), (87, 8908), (88, 8911), (92, 8956), (101, 9034), (110, 9106), (128, 9454),

Gene: LilMoolah_12 Start: 8675, Stop: 9437, Start Num: 46
Candidate Starts for LilMoolah_12:
(Start: 46 @8675 has 1 MA's), (47, 8678), (53, 8723), (Start: 60 @8759 has 1 MA's), (74, 8828), (79, 8846), (83, 8864), (84, 8867), (85, 8873), (87, 8888), (88, 8891), (92, 8936), (101, 9014), (110, 9086), (128, 9434),

Gene: Lilizi_23 Start: 12175, Stop: 13046, Start Num: 30
Candidate Starts for Lilizi_23:
(Start: 20 @12103 has 18 MA's), (Start: 30 @12175 has 86 MA's), (51, 12319), (65, 12412), (71, 12436), (72, 12448), (75, 12472), (78, 12490), (85, 12514), (104, 12673), (117, 12826), (121, 12847), (122, 12892), (123, 12913), (124, 12928), (127, 13039),

Gene: Lilpickle_20 Start: 11683, Stop: 12554, Start Num: 30
Candidate Starts for Lilpickle_20:
(Start: 20 @11611 has 18 MA's), (Start: 30 @11683 has 86 MA's), (51, 11827), (65, 11920), (71, 11944), (72, 11956), (75, 11980), (78, 11998), (85, 12022), (104, 12181), (117, 12334), (121, 12355), (122, 12400), (123, 12421), (124, 12436), (127, 12547),

Gene: LittleE_30 Start: 18797, Stop: 19529, Start Num: 29
Candidate Starts for LittleE_30:
(Start: 29 @18797 has 24 MA's), (49, 18929), (62, 19016), (76, 19100), (96, 19214), (102, 19277), (105, 19304), (111, 19343),

Gene: LittleShirley_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for LittleShirley_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (74, 8713), (79, 8731), (83, 8749), (84, 8752), (85, 8758), (87, 8773), (88, 8776), (92, 8821), (101, 8899), (110, 8971), (119, 9118), (128, 9319),

Gene: Lizziana_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for Lizziana_13:
(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: Llama_13 Start: 8535, Stop: 9471, Start Num: 23
Candidate Starts for Llama_13:
(Start: 9 @8442 has 6 MA's), (Start: 23 @8535 has 162 MA's), (Start: 24 @8541 has 70 MA's), (36, 8643), (45, 8673), (57, 8769), (Start: 60 @8793 has 1 MA's), (63, 8796), (64, 8799), (70, 8826), (74, 8862), (79, 8880), (83, 8898), (85, 8907), (92, 8970), (101, 9048), (110, 9120), (128, 9468),

Gene: LordVader_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for LordVader_14:
(Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (Start: 60 @8649 has 1 MA's), (70, 8682), (74, 8718), (79, 8736), (83, 8754), (84, 8757), (85, 8763), (87, 8778), (88, 8781), (92, 8826), (101, 8904), (102, 8910), (110, 8976), (128, 9324),

Gene: Lorde_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for Lorde_14:

(Start: 9 @8297 has 6 MA's), (Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (36, 8498), (45, 8528), (Start: 60 @8648 has 1 MA's), (74, 8717), (79, 8735), (83, 8753), (85, 8762), (92, 8825), (101, 8903), (102, 8909), (110, 8975), (128, 9323),

Gene: Lucia_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for Lucia_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (74, 8713), (79, 8731), (83, 8749), (84, 8752), (85, 8758), (87, 8773), (88, 8776), (92, 8821), (101, 8899), (110, 8971), (128, 9319),

Gene: Lucky2013_31 Start: 17489, Stop: 18272, Start Num: 21
Candidate Starts for Lucky2013_31:
(Start: 21 @17489 has 7 MA's), (Start: 29 @17540 has 24 MA's), (49, 17672), (62, 17759), (76, 17843), (96, 17957), (102, 18020), (105, 18047), (111, 18086),

Gene: LunaBlu_13 Start: 8552, Stop: 9488, Start Num: 24
Candidate Starts for LunaBlu_13:
(18, 8525), (Start: 24 @8552 has 70 MA's), (36, 8660), (43, 8684), (45, 8690), (Start: 60 @8810 has 1 MA's), (63, 8813), (64, 8816), (70, 8843), (74, 8879), (79, 8897), (83, 8915), (84, 8918), (85, 8924), (87, 8939), (88, 8942), (92, 8987), (101, 9065), (102, 9071), (110, 9137), (119, 9284), (128, 9485),

Gene: LunaStella_14 Start: 8979, Stop: 9921, Start Num: 23
Candidate Starts for LunaStella_14:
(Start: 23 @8979 has 162 MA's), (33, 9051), (34, 9072), (35, 9075), (37, 9096), (45, 9123), (50, 9159), (70, 9276), (76, 9327), (92, 9435), (98, 9468), (101, 9513), (102, 9519), (110, 9585),

Gene: MISSy_20 Start: 11979, Stop: 12850, Start Num: 30
Candidate Starts for MISSy_20:
(Start: 20 @11907 has 18 MA's), (Start: 30 @11979 has 86 MA's), (51, 12123), (65, 12216), (71, 12240), (72, 12252), (75, 12276), (78, 12294), (85, 12318), (104, 12477), (117, 12630), (121, 12651), (122, 12696), (123, 12717), (124, 12732), (127, 12843),

Gene: MPhalcon_20 Start: 11979, Stop: 12850, Start Num: 30
Candidate Starts for MPhalcon_20:
(Start: 20 @11907 has 18 MA's), (Start: 30 @11979 has 86 MA's), (51, 12123), (65, 12216), (71, 12240), (72, 12252), (75, 12276), (78, 12294), (85, 12318), (104, 12477), (117, 12630), (121, 12651), (122, 12696), (123, 12717), (124, 12732), (127, 12843),

Gene: MadMen_13 Start: 8561, Stop: 9497, Start Num: 23
Candidate Starts for MadMen_13:
(Start: 23 @8561 has 162 MA's), (Start: 24 @8567 has 70 MA's), (36, 8669), (45, 8699), (Start: 60 @8819 has 1 MA's), (74, 8888), (79, 8906), (83, 8924), (85, 8933), (87, 8948), (88, 8951), (92, 8996), (101, 9074), (110, 9146), (128, 9494),

Gene: MadamMonkfish_21 Start: 11894, Stop: 12765, Start Num: 30
Candidate Starts for MadamMonkfish_21:
(Start: 20 @11822 has 18 MA's), (Start: 30 @11894 has 86 MA's), (51, 12038), (65, 12131), (71, 12155), (72, 12167), (75, 12191), (78, 12209), (85, 12233), (104, 12392), (117, 12545), (121, 12566), (122, 12611), (123, 12632), (124, 12647), (127, 12758),

Gene: Madiba_14 Start: 8404, Stop: 9340, Start Num: 24
Candidate Starts for Madiba_14:

(18, 8377), (Start: 24 @8404 has 70 MA's), (36, 8512), (45, 8542), (Start: 60 @8662 has 1 MA's), (70, 8695), (74, 8731), (79, 8749), (83, 8767), (85, 8776), (87, 8791), (88, 8794), (92, 8839), (101, 8917), (102, 8923), (110, 8989), (119, 9136), (128, 9337),

Gene: Magsby_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Magsby_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Mahavrat_13 Start: 8526, Stop: 9462, Start Num: 23
Candidate Starts for Mahavrat_13:
(Start: 9 @8433 has 6 MA's), (Start: 23 @8526 has 162 MA's), (Start: 24 @8532 has 70 MA's), (36, 8634), (43, 8658), (45, 8664), (57, 8760), (Start: 60 @8784 has 1 MA's), (70, 8817), (79, 8871), (84, 8892), (85, 8898), (92, 8961), (101, 9039), (110, 9111), (128, 9459),

Gene: Majeke_16 Start: 9932, Stop: 10850, Start Num: 12
Candidate Starts for Majeke_16:
(Start: 12 @9932 has 44 MA's), (28, 10052), (58, 10268), (67, 10310), (76, 10370), (96, 10484), (111, 10616), (115, 10682),

Gene: Malithi_16 Start: 9986, Stop: 10904, Start Num: 12
Candidate Starts for Malithi_16:
(Start: 12 @9986 has 44 MA's), (28, 10106), (58, 10322), (67, 10364), (76, 10424), (96, 10538), (111, 10670), (115, 10736),

Gene: Mandlovu_13 Start: 8534, Stop: 9470, Start Num: 23
Candidate Starts for Mandlovu_13:
(Start: 23 @8534 has 162 MA's), (Start: 24 @8540 has 70 MA's), (36, 8642), (45, 8672), (57, 8768), (Start: 60 @8792 has 1 MA's), (74, 8861), (79, 8879), (83, 8897), (84, 8900), (85, 8906), (87, 8921), (88, 8924), (92, 8969), (101, 9047), (110, 9119), (128, 9467),

Gene: Mangethe_16 Start: 9932, Stop: 10850, Start Num: 12
Candidate Starts for Mangethe_16:
(Start: 12 @9932 has 44 MA's), (28, 10052), (58, 10268), (67, 10310), (76, 10370), (96, 10484), (111, 10616), (115, 10682),

Gene: Mantra_13 Start: 8549, Stop: 9485, Start Num: 23
Candidate Starts for Mantra_13:
(Start: 23 @8549 has 162 MA's), (Start: 24 @8555 has 70 MA's), (36, 8657), (45, 8687), (57, 8783), (Start: 60 @8807 has 1 MA's), (74, 8876), (79, 8894), (83, 8912), (84, 8915), (85, 8921), (88, 8939), (92, 8984), (101, 9062), (110, 9134), (128, 9482),

Gene: Maravista_13 Start: 8526, Stop: 9462, Start Num: 23
Candidate Starts for Maravista_13:
(Start: 9 @8433 has 6 MA's), (Start: 23 @8526 has 162 MA's), (Start: 24 @8532 has 70 MA's), (36, 8634), (45, 8664), (57, 8760), (Start: 60 @8784 has 1 MA's), (63, 8787), (64, 8790), (74, 8853), (79, 8871), (83, 8889), (85, 8898), (92, 8961), (101, 9039), (110, 9111), (128, 9459),

Gene: Marker_14 Start: 8397, Stop: 9333, Start Num: 23
Candidate Starts for Marker_14:
(Start: 23 @8397 has 162 MA's), (36, 8505), (45, 8535), (57, 8631), (Start: 60 @8655 has 1 MA's), (63, 8658), (64, 8661), (70, 8688), (74, 8724), (79, 8742), (83, 8760), (84, 8763), (85, 8769), (87, 8784), (88, 8787), (92, 8832), (101, 8910), (102, 8916), (110, 8982), (119, 9129), (128, 9330),

Gene: Marshmallow_21 Start: 12469, Stop: 13340, Start Num: 30
Candidate Starts for Marshmallow_21:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Martik_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for Martik_13:
(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: Mattes_13 Start: 8529, Stop: 9465, Start Num: 23
Candidate Starts for Mattes_13:
(Start: 9 @8436 has 6 MA's), (Start: 23 @8529 has 162 MA's), (Start: 24 @8535 has 70 MA's), (36, 8637), (45, 8667), (57, 8763), (Start: 60 @8787 has 1 MA's), (63, 8790), (64, 8793), (74, 8856), (79, 8874), (83, 8892), (85, 8901), (92, 8964), (101, 9042), (110, 9114), (128, 9462),

Gene: Maxxinista_22 Start: 11871, Stop: 12814, Start Num: 20
Candidate Starts for Maxxinista_22:
(Start: 20 @11871 has 18 MA's), (Start: 30 @11943 has 86 MA's), (51, 12087), (65, 12180), (71, 12204), (72, 12216), (75, 12240), (78, 12258), (85, 12282), (104, 12441), (117, 12594), (121, 12615), (122, 12660), (123, 12681), (124, 12696), (127, 12807),

Gene: Megiddo_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for Megiddo_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: Melissauren88_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for Melissauren88_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Melville_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Melville_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: MiaZeal_30 Start: 17180, Stop: 17963, Start Num: 21
Candidate Starts for MiaZeal_30:
(13, 17138), (Start: 21 @17180 has 7 MA's), (Start: 29 @17231 has 24 MA's), (49, 17363), (62, 17450), (76, 17534), (96, 17648), (102, 17711), (105, 17738), (111, 17777),

Gene: MichelleMyBell_15 Start: 9075, Stop: 9981, Start Num: 26
Candidate Starts for MichelleMyBell_15:
(Start: 26 @9075 has 46 MA's), (40, 9183), (44, 9195), (51, 9246), (57, 9294), (67, 9351), (79, 9414), (80, 9420), (84, 9435), (99, 9525), (102, 9573), (114, 9741), (120, 9798),

Gene: MilanaBonita_14 Start: 9227, Stop: 10163, Start Num: 24
Candidate Starts for MilanaBonita_14:

(18, 9200), (Start: 24 @9227 has 70 MA's), (36, 9335), (45, 9365), (Start: 60 @9485 has 1 MA's), (70, 9518), (74, 9554), (79, 9572), (83, 9590), (85, 9599), (87, 9614), (88, 9617), (92, 9662), (101, 9740), (102, 9746), (110, 9812), (119, 9959), (128, 10160),

Gene: MilleniumForce_14 Start: 9223, Stop: 10159, Start Num: 24
Candidate Starts for MilleniumForce_14:
(18, 9196), (Start: 24 @9223 has 70 MA's), (36, 9331), (45, 9361), (Start: 60 @9481 has 1 MA's), (63, 9484), (64, 9487), (70, 9514), (74, 9550), (79, 9568), (83, 9586), (84, 9589), (85, 9595), (87, 9610), (88, 9613), (92, 9658), (101, 9736), (102, 9742), (110, 9808), (119, 9955), (128, 10156),

Gene: Minerva_33 Start: 19453, Stop: 20248, Start Num: 16
Candidate Starts for Minerva_33:
(Start: 16 @19453 has 8 MA's), (Start: 29 @19516 has 24 MA's), (49, 19648), (62, 19735), (76, 19819), (96, 19933), (102, 19996), (105, 20023), (111, 20062),

Gene: MinionDave_14 Start: 9227, Stop: 10163, Start Num: 24
Candidate Starts for MinionDave_14:
(18, 9200), (Start: 24 @9227 has 70 MA's), (36, 9335), (45, 9365), (Start: 60 @9485 has 1 MA's), (74, 9554), (79, 9572), (83, 9590), (85, 9599), (92, 9662), (101, 9740), (102, 9746), (110, 9812), (119, 9959), (128, 10160),

Gene: Miniwave_21 Start: 12667, Stop: 13538, Start Num: 30
Candidate Starts for Miniwave_21:
(Start: 20 @12595 has 18 MA's), (Start: 30 @12667 has 86 MA's), (51, 12811), (65, 12904), (71, 12928), (72, 12940), (75, 12964), (78, 12982), (85, 13006), (104, 13165), (117, 13318), (121, 13339), (122, 13384), (123, 13405), (124, 13420), (127, 13531),

Gene: Misfit_21 Start: 12560, Stop: 13431, Start Num: 30
Candidate Starts for Misfit_21:
(Start: 20 @12488 has 18 MA's), (Start: 30 @12560 has 86 MA's), (51, 12704), (65, 12797), (71, 12821), (72, 12833), (75, 12857), (78, 12875), (85, 12899), (104, 13058), (117, 13211), (121, 13232), (122, 13277), (123, 13298), (124, 13313), (127, 13424),

Gene: Misha28_14 Start: 8399, Stop: 9335, Start Num: 23
Candidate Starts for Misha28_14:
(Start: 23 @8399 has 162 MA's), (Start: 24 @8405 has 70 MA's), (36, 8507), (43, 8531), (45, 8537), (Start: 60 @8657 has 1 MA's), (70, 8690), (74, 8726), (79, 8744), (83, 8762), (84, 8765), (85, 8771), (87, 8786), (88, 8789), (92, 8834), (101, 8912), (110, 8984), (119, 9131), (128, 9332),

Gene: MisterCuddles_13 Start: 8542, Stop: 9478, Start Num: 23
Candidate Starts for MisterCuddles_13:
(Start: 9 @8449 has 6 MA's), (Start: 23 @8542 has 162 MA's), (Start: 24 @8548 has 70 MA's), (36, 8650), (45, 8680), (57, 8776), (Start: 60 @8800 has 1 MA's), (63, 8803), (64, 8806), (74, 8869), (79, 8887), (83, 8905), (84, 8908), (85, 8914), (92, 8977), (101, 9055), (102, 9061), (110, 9127), (128, 9475),

Gene: Modragons_13 Start: 8535, Stop: 9471, Start Num: 23
Candidate Starts for Modragons_13:
(Start: 9 @8442 has 6 MA's), (Start: 23 @8535 has 162 MA's), (Start: 24 @8541 has 70 MA's), (36, 8643), (45, 8673), (57, 8769), (Start: 60 @8793 has 1 MA's), (63, 8796), (64, 8799), (70, 8826), (74, 8862), (79, 8880), (83, 8898), (85, 8907), (92, 8970), (101, 9048), (110, 9120), (128, 9468),

Gene: Moldemort_22 Start: 12218, Stop: 13089, Start Num: 30

Candidate Starts for Moldemort_22:
(Start: 20 @12146 has 18 MA's), (Start: 30 @12218 has 86 MA's), (51, 12362), (65, 12455), (71, 12479), (72, 12491), (75, 12515), (78, 12533), (85, 12557), (104, 12716), (117, 12869), (121, 12890), (122, 12935), (123, 12956), (124, 12971), (127, 13082),

Gene: MollyToe_21 Start: 12641, Stop: 13512, Start Num: 30
Candidate Starts for MollyToe_21:
(Start: 20 @12569 has 18 MA's), (Start: 30 @12641 has 86 MA's), (51, 12785), (65, 12878), (71, 12902), (72, 12914), (75, 12938), (78, 12956), (85, 12980), (104, 13139), (117, 13292), (121, 13313), (122, 13358), (123, 13379), (124, 13394), (127, 13505),

Gene: MooMoo_13 Start: 8071, Stop: 8992, Start Num: 31
Candidate Starts for MooMoo_13:
(15, 7981), (Start: 31 @8071 has 1 MA's), (41, 8158), (51, 8218), (54, 8233), (57, 8266), (69, 8326), (77, 8392), (78, 8395), (96, 8518), (98, 8530), (102, 8581), (103, 8584), (106, 8617), (109, 8647), (110, 8650), (112, 8680), (125, 8878),

Gene: Moonbeam_13 Start: 8539, Stop: 9475, Start Num: 23
Candidate Starts for Moonbeam_13:
(Start: 9 @8446 has 6 MA's), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (43, 8671), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (70, 8830), (74, 8866), (79, 8884), (83, 8902), (85, 8911), (92, 8974), (101, 9052), (102, 9058), (110, 9124), (119, 9271), (128, 9472),

Gene: Mori_52 Start: 25335, Stop: 26286, Start Num: 19
Candidate Starts for Mori_52:
(Start: 19 @25335 has 19 MA's), (Start: 22 @25347 has 3 MA's), (33, 25419), (37, 25464), (38, 25467), (45, 25491), (48, 25509), (51, 25539), (61, 25617), (63, 25620), (73, 25677), (79, 25701), (92, 25776), (102, 25860), (110, 25926), (113, 26022),

Gene: Mova_14 Start: 8392, Stop: 9328, Start Num: 23
Candidate Starts for Mova_14:
(Start: 9 @8299 has 6 MA's), (Start: 23 @8392 has 162 MA's), (Start: 24 @8398 has 70 MA's), (36, 8500), (45, 8530), (57, 8626), (Start: 60 @8650 has 1 MA's), (74, 8719), (79, 8737), (84, 8758), (85, 8764), (92, 8827), (101, 8905), (110, 8977), (128, 9325),

Gene: Mozy_13 Start: 8425, Stop: 9361, Start Num: 24
Candidate Starts for Mozy_13:
(18, 8398), (Start: 24 @8425 has 70 MA's), (36, 8533), (45, 8563), (56, 8638), (Start: 60 @8683 has 1 MA's), (63, 8686), (64, 8689), (70, 8716), (74, 8752), (83, 8788), (84, 8791), (85, 8797), (87, 8812), (88, 8815), (92, 8860), (101, 8938), (102, 8944), (110, 9010), (128, 9358),

Gene: MulchExplorer_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for MulchExplorer_14:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (63, 8652), (64, 8655), (74, 8718), (79, 8736), (83, 8754), (85, 8763), (87, 8778), (88, 8781), (92, 8826), (101, 8904), (110, 8976), (128, 9324),

Gene: MulchSalad_13 Start: 8549, Stop: 9485, Start Num: 23
Candidate Starts for MulchSalad_13:
(Start: 23 @8549 has 162 MA's), (36, 8657), (45, 8687), (57, 8783), (Start: 60 @8807 has 1 MA's), (74, 8876), (79, 8894), (83, 8912), (84, 8915), (85, 8921), (88, 8939), (92, 8984), (101, 9062), (110, 9134),

(128, 9482),

Gene: Murai_53 Start: 25525, Stop: 26476, Start Num: 19
Candidate Starts for Murai_53:
(Start: 19 @25525 has 19 MA's), (Start: 22 @25537 has 3 MA's), (33, 25609), (37, 25654), (38, 25657), (45, 25681), (48, 25699), (51, 25729), (61, 25807), (63, 25810), (73, 25867), (79, 25891), (92, 25966), (102, 26050), (110, 26116), (113, 26212),

Gene: Murica_19 Start: 11935, Stop: 12809, Start Num: 30
Candidate Starts for Murica_19:
(Start: 20 @11863 has 18 MA's), (Start: 30 @11935 has 86 MA's), (51, 12079), (65, 12172), (71, 12196), (72, 12208), (75, 12232), (78, 12250), (85, 12274), (104, 12433), (117, 12586), (121, 12607), (122, 12652), (123, 12673), (124, 12688), (127, 12799),

Gene: Mutaforma13_13 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for Mutaforma13_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (43, 8708), (45, 8714), (Start: 60 @8834 has 1 MA's), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (128, 9509),

Gene: Myrale_21 Start: 12268, Stop: 13211, Start Num: 20
Candidate Starts for Myrale_21:
(Start: 20 @12268 has 18 MA's), (Start: 30 @12340 has 86 MA's), (51, 12484), (65, 12577), (71, 12601), (72, 12613), (75, 12637), (78, 12655), (85, 12679), (104, 12838), (117, 12991), (121, 13012), (122, 13057), (123, 13078), (124, 13093), (127, 13204),

Gene: Nazo_15 Start: 9666, Stop: 10584, Start Num: 12
Candidate Starts for Nazo_15:
(Start: 12 @9666 has 44 MA's), (54, 9963), (76, 10104), (96, 10218), (111, 10350), (115, 10416),

Gene: Necropolis_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for Necropolis_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: NelitzaMV_21 Start: 12539, Stop: 13410, Start Num: 30
Candidate Starts for NelitzaMV_21:
(Start: 20 @12467 has 18 MA's), (Start: 30 @12539 has 86 MA's), (51, 12683), (65, 12776), (71, 12800), (72, 12812), (75, 12836), (78, 12854), (85, 12878), (104, 13037), (117, 13190), (121, 13211), (122, 13256), (123, 13277), (124, 13292), (127, 13403),

Gene: Nenae_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Nenae_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: NewHope4_13 Start: 8552, Stop: 9488, Start Num: 24
Candidate Starts for NewHope4_13:
(18, 8525), (Start: 24 @8552 has 70 MA's), (36, 8660), (45, 8690), (Start: 60 @8810 has 1 MA's), (70, 8843), (74, 8879), (79, 8897), (83, 8915), (85, 8924), (87, 8939), (88, 8942), (92, 8987), (101, 9065), (102, 9071), (110, 9137), (119, 9284), (128, 9485),

Gene: Nichirin_13 Start: 8536, Stop: 9472, Start Num: 23

Candidate Starts for Nichirin_13:
(Start: 9 @8443 has 6 MA's), (Start: 23 @8536 has 162 MA's), (Start: 24 @8542 has 70 MA's), (36, 8644), (45, 8674), (57, 8770), (Start: 60 @8794 has 1 MA's), (63, 8797), (64, 8800), (70, 8827), (74, 8863), (79, 8881), (83, 8899), (85, 8908), (92, 8971), (101, 9049), (110, 9121), (128, 9469),

Gene: NiebruSaylor_52 Start: 25336, Stop: 26287, Start Num: 19
Candidate Starts for NiebruSaylor_52:
(Start: 19 @25336 has 19 MA's), (Start: 22 @25348 has 3 MA's), (33, 25420), (37, 25465), (38, 25468), (45, 25492), (48, 25510), (51, 25540), (61, 25618), (63, 25621), (73, 25678), (79, 25702), (92, 25777), (102, 25861), (110, 25927), (113, 26023),

Gene: NihilNomen_32 Start: 19513, Stop: 20245, Start Num: 29
Candidate Starts for NihilNomen_32:
(Start: 16 @19450 has 8 MA's), (Start: 29 @19513 has 24 MA's), (49, 19645), (62, 19732), (76, 19816), (96, 19930), (102, 19993), (105, 20020), (111, 20059),

Gene: Nimbo_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Nimbo_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Nimrod_21 Start: 12643, Stop: 13586, Start Num: 20
Candidate Starts for Nimrod_21:
(Start: 20 @12643 has 18 MA's), (Start: 30 @12715 has 86 MA's), (51, 12859), (65, 12952), (71, 12976), (72, 12988), (75, 13012), (78, 13030), (85, 13054), (104, 13213), (117, 13366), (121, 13387), (122, 13432), (123, 13453), (124, 13468), (127, 13579),

Gene: Nitzel_14 Start: 9198, Stop: 10134, Start Num: 23
Candidate Starts for Nitzel_14:
(Start: 23 @9198 has 162 MA's), (Start: 24 @9204 has 70 MA's), (36, 9306), (45, 9336), (57, 9432), (Start: 60 @9456 has 1 MA's), (74, 9525), (79, 9543), (83, 9561), (84, 9564), (85, 9570), (87, 9585), (88, 9588), (92, 9633), (101, 9711), (110, 9783), (128, 10131),

Gene: Nivrat_13 Start: 8537, Stop: 9473, Start Num: 23
Candidate Starts for Nivrat_13:
(Start: 9 @8444 has 6 MA's), (Start: 23 @8537 has 162 MA's), (Start: 24 @8543 has 70 MA's), (36, 8645), (45, 8675), (57, 8771), (Start: 60 @8795 has 1 MA's), (63, 8798), (64, 8801), (74, 8864), (79, 8882), (83, 8900), (85, 8909), (92, 8972), (101, 9050), (110, 9122), (128, 9470),

Gene: NoSleep_22 Start: 12215, Stop: 13086, Start Num: 30
Candidate Starts for NoSleep_22:
(Start: 20 @12143 has 18 MA's), (Start: 30 @12215 has 86 MA's), (51, 12359), (65, 12452), (71, 12476), (72, 12488), (75, 12512), (78, 12530), (85, 12554), (104, 12713), (117, 12866), (121, 12887), (122, 12932), (123, 12953), (124, 12968), (127, 13079),

Gene: NonchalantPear_21 Start: 12168, Stop: 13039, Start Num: 30
Candidate Starts for NonchalantPear_21:
(Start: 20 @12096 has 18 MA's), (Start: 30 @12168 has 86 MA's), (51, 12312), (65, 12405), (71, 12429), (72, 12441), (75, 12465), (78, 12483), (85, 12507), (104, 12666), (117, 12819), (121, 12840), (122, 12885), (123, 12906), (124, 12921), (127, 13032),

Gene: NormanBulbieJr_13 Start: 8523, Stop: 9459, Start Num: 23

Candidate Starts for NormanBulbieJr_13:
(5, 8358), (8, 8427), (Start: 23 @8523 has 162 MA's), (Start: 24 @8529 has 70 MA's), (36, 8631), (45, 8661), (57, 8757), (Start: 60 @8781 has 1 MA's), (79, 8868), (83, 8886), (85, 8895), (92, 8958), (101, 9036), (110, 9108), (128, 9456),

Gene: Ochi17_13 Start: 8535, Stop: 9471, Start Num: 23
Candidate Starts for Ochi17_13:
(Start: 9 @8442 has 6 MA's), (Start: 23 @8535 has 162 MA's), (Start: 24 @8541 has 70 MA's), (36, 8643), (45, 8673), (57, 8769), (Start: 60 @8793 has 1 MA's), (63, 8796), (64, 8799), (70, 8826), (74, 8862), (79, 8880), (83, 8898), (85, 8907), (92, 8970), (101, 9048), (110, 9120), (128, 9468),

Gene: OfUltron_13 Start: 8535, Stop: 9471, Start Num: 23
Candidate Starts for OfUltron_13:
(Start: 9 @8442 has 6 MA's), (Start: 23 @8535 has 162 MA's), (Start: 24 @8541 has 70 MA's), (36, 8643), (45, 8673), (57, 8769), (Start: 60 @8793 has 1 MA's), (63, 8796), (64, 8799), (70, 8826), (74, 8862), (79, 8880), (83, 8898), (85, 8907), (92, 8970), (101, 9048), (110, 9120), (128, 9468),

Gene: Ogopogo_16 Start: 8698, Stop: 9727, Start Num: 9
Candidate Starts for Ogopogo_16:
(Start: 9 @8698 has 6 MA's), (Start: 23 @8791 has 162 MA's), (Start: 24 @8797 has 70 MA's), (36, 8899), (45, 8929), (57, 9025), (Start: 60 @9049 has 1 MA's), (74, 9118), (79, 9136), (83, 9154), (85, 9163), (87, 9178), (88, 9181), (92, 9226), (101, 9304), (110, 9376), (128, 9724),

Gene: Oksu_14 Start: 8398, Stop: 9334, Start Num: 23
Candidate Starts for Oksu_14:
(Start: 23 @8398 has 162 MA's), (Start: 24 @8404 has 70 MA's), (36, 8506), (45, 8536), (57, 8632), (Start: 60 @8656 has 1 MA's), (63, 8659), (64, 8662), (70, 8689), (74, 8725), (79, 8743), (83, 8761), (85, 8770), (92, 8833), (101, 8911), (110, 8983), (128, 9331),

Gene: OldBen_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for OldBen_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: OlympiaSaint_13 Start: 8556, Stop: 9492, Start Num: 24
Candidate Starts for OlympiaSaint_13:
(18, 8529), (Start: 24 @8556 has 70 MA's), (36, 8664), (45, 8694), (Start: 60 @8814 has 1 MA's), (70, 8847), (74, 8883), (79, 8901), (83, 8919), (85, 8928), (87, 8943), (88, 8946), (92, 8991), (101, 9069), (110, 9141), (128, 9489),

Gene: Optimus_31 Start: 19091, Stop: 19823, Start Num: 29
Candidate Starts for Optimus_31:
(Start: 16 @19028 has 8 MA's), (Start: 29 @19091 has 24 MA's), (49, 19223), (62, 19310), (76, 19394), (96, 19508), (102, 19571), (105, 19598), (111, 19637),

Gene: OrionPax_22 Start: 12218, Stop: 13089, Start Num: 30
Candidate Starts for OrionPax_22:
(Start: 20 @12146 has 18 MA's), (Start: 30 @12218 has 86 MA's), (51, 12362), (65, 12455), (71, 12479), (72, 12491), (75, 12515), (78, 12533), (85, 12557), (104, 12716), (117, 12869), (121, 12890), (122, 12935), (123, 12956), (124, 12971), (127, 13082),

Gene: Ovechkin_13 Start: 8577, Stop: 9513, Start Num: 24

Candidate Starts for Ovechkin_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: OwlsT2W_14 Start: 8398, Stop: 9334, Start Num: 23
Candidate Starts for OwlsT2W_14:
(Start: 23 @8398 has 162 MA's), (Start: 24 @8404 has 70 MA's), (36, 8506), (45, 8536), (57, 8632), (Start: 60 @8656 has 1 MA's), (74, 8725), (79, 8743), (83, 8761), (84, 8764), (85, 8770), (87, 8785), (88, 8788), (92, 8833), (101, 8911), (110, 8983), (128, 9331),

Gene: PHappiness_13 Start: 8768, Stop: 9446, Start Num: 60
Candidate Starts for PHappiness_13:
(Start: 60 @8768 has 1 MA's), (74, 8837), (79, 8855), (83, 8873), (84, 8876), (85, 8882), (87, 8897), (88, 8900), (92, 8945), (101, 9023), (110, 9095), (128, 9443),

Gene: Pacc40_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Pacc40_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Palpatine_20 Start: 11974, Stop: 12848, Start Num: 30
Candidate Starts for Palpatine_20:
(Start: 20 @11902 has 18 MA's), (Start: 30 @11974 has 86 MA's), (51, 12118), (65, 12211), (71, 12235), (72, 12247), (75, 12271), (78, 12289), (85, 12313), (104, 12472), (117, 12625), (121, 12646), (122, 12691), (123, 12712), (124, 12727), (127, 12838),

Gene: Panchino_15 Start: 9057, Stop: 9963, Start Num: 26
Candidate Starts for Panchino_15:
(Start: 26 @9057 has 46 MA's), (40, 9165), (51, 9228), (57, 9276), (67, 9333), (79, 9396), (80, 9402), (83, 9414), (84, 9417), (98, 9504), (99, 9507), (108, 9609), (114, 9723), (120, 9780),

Gene: Paperbeatsrock_23 Start: 13450, Stop: 14321, Start Num: 30
Candidate Starts for Paperbeatsrock_23:
(Start: 20 @13378 has 18 MA's), (Start: 30 @13450 has 86 MA's), (51, 13594), (65, 13687), (71, 13711), (72, 13723), (75, 13747), (78, 13765), (85, 13789), (104, 13948), (117, 14101), (121, 14122), (122, 14167), (123, 14188), (124, 14203), (127, 14314),

Gene: Parmesanjohn_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Parmesanjohn_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Peridot_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for Peridot_14:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (74, 8718), (79, 8736), (83, 8754), (84, 8757), (85, 8763), (87, 8778), (88, 8781), (92, 8826), (101, 8904), (110, 8976), (119, 9123), (128, 9324),

Gene: Phaja_20 Start: 12057, Stop: 13003, Start Num: 20
Candidate Starts for Phaja_20:

(Start: 20 @12057 has 18 MA's), (Start: 30 @12129 has 86 MA's), (51, 12273), (65, 12366), (71, 12390), (72, 12402), (75, 12426), (78, 12444), (85, 12468), (104, 12627), (117, 12780), (121, 12801), (122, 12846), (123, 12867), (124, 12882), (127, 12993),

Gene: Phalconet_13 Start: 8579, Stop: 9515, Start Num: 24
Candidate Starts for Phalconet_13:
(18, 8552), (Start: 24 @8579 has 70 MA's), (36, 8687), (45, 8717), (Start: 60 @8837 has 1 MA's), (70, 8870), (74, 8906), (79, 8924), (83, 8942), (85, 8951), (87, 8966), (88, 8969), (92, 9014), (101, 9092), (102, 9098), (110, 9164), (119, 9311), (128, 9512),

Gene: Phalm_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for Phalm_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: PhancyPhin_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for PhancyPhin_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Phanphagia_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for Phanphagia_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (63, 8839), (64, 8842), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: Pharsalus_22 Start: 13178, Stop: 14121, Start Num: 20
Candidate Starts for Pharsalus_22:
(Start: 20 @13178 has 18 MA's), (Start: 30 @13250 has 86 MA's), (51, 13394), (65, 13487), (71, 13511), (72, 13523), (75, 13547), (78, 13565), (85, 13589), (104, 13748), (117, 13901), (121, 13922), (122, 13967), (123, 13988), (124, 14003), (127, 14114),

Gene: Phasih_13 Start: 8571, Stop: 9507, Start Num: 24
Candidate Starts for Phasih_13:
(18, 8544), (Start: 24 @8571 has 70 MA's), (36, 8679), (45, 8709), (Start: 60 @8829 has 1 MA's), (70, 8862), (74, 8898), (79, 8916), (83, 8934), (85, 8943), (87, 8958), (88, 8961), (92, 9006), (101, 9084), (102, 9090), (110, 9156), (119, 9303), (128, 9504),

Gene: Phatniss_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Phatniss_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Phayonce_15 Start: 9613, Stop: 10519, Start Num: 11
Candidate Starts for Phayonce_15:
(3, 9529), (Start: 11 @9613 has 2 MA's), (27, 9718), (Start: 32 @9754 has 5 MA's), (58, 9937), (67, 9979), (76, 10039), (83, 10072), (96, 10153), (111, 10285), (115, 10351), (126, 10516),

Gene: Phegasus_16 Start: 9932, Stop: 10850, Start Num: 12
Candidate Starts for Phegasus_16:
(Start: 12 @9932 has 44 MA's), (28, 10052), (58, 10268), (67, 10310), (76, 10370), (96, 10484), (111, 10616), (115, 10682),

Gene: PhesterPhotato_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for PhesterPhotato_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (70, 8869), (74, 8905), (83, 8941), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: Philonius_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Philonius_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Philus_13 Start: 8537, Stop: 9473, Start Num: 23
Candidate Starts for Philus_13:
(Start: 9 @8444 has 6 MA's), (Start: 23 @8537 has 162 MA's), (Start: 24 @8543 has 70 MA's), (36, 8645), (45, 8675), (57, 8771), (Start: 60 @8795 has 1 MA's), (63, 8798), (64, 8801), (74, 8864), (79, 8882), (83, 8900), (85, 8909), (92, 8972), (101, 9050), (110, 9122), (128, 9470),

Gene: Phineas_16 Start: 9929, Stop: 10847, Start Num: 12
Candidate Starts for Phineas_16:
(Start: 1 @9848 has 3 MA's), (2, 9851), (Start: 12 @9929 has 44 MA's), (58, 10265), (67, 10307), (76, 10367), (96, 10481), (111, 10613), (115, 10679),

Gene: PhlipPhlop_13 Start: 8549, Stop: 9485, Start Num: 23
Candidate Starts for PhlipPhlop_13:
(Start: 23 @8549 has 162 MA's), (Start: 24 @8555 has 70 MA's), (36, 8657), (45, 8687), (57, 8783), (Start: 60 @8807 has 1 MA's), (74, 8876), (79, 8894), (83, 8912), (84, 8915), (85, 8921), (87, 8936), (88, 8939), (92, 8984), (101, 9062), (110, 9134), (119, 9281), (128, 9482),

Gene: Phloss_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Phloss_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Phoebus_33 Start: 19738, Stop: 20470, Start Num: 29
Candidate Starts for Phoebus_33:
(Start: 16 @19675 has 8 MA's), (Start: 29 @19738 has 24 MA's), (49, 19870), (62, 19957), (76, 20041), (96, 20155), (102, 20218), (105, 20245), (111, 20284),

Gene: Phrann_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Phrann_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (114, 9747), (120, 9804),

Gene: Piper2020_14 Start: 8399, Stop: 9335, Start Num: 23
Candidate Starts for Piper2020_14:
(Start: 23 @8399 has 162 MA's), (Start: 24 @8405 has 70 MA's), (36, 8507), (45, 8537), (57, 8633), (Start: 60 @8657 has 1 MA's), (74, 8726), (79, 8744), (83, 8762), (84, 8765), (85, 8771), (87, 8786), (88, 8789), (92, 8834), (101, 8912), (110, 8984), (119, 9131), (128, 9332),

Gene: Pippy_12 Start: 8520, Stop: 9456, Start Num: 23
Candidate Starts for Pippy_12:

(Start: 23 @8520 has 162 MA's), (Start: 24 @8526 has 70 MA's), (36, 8628), (45, 8658), (57, 8754), (Start: 60 @8778 has 1 MA's), (74, 8847), (79, 8865), (83, 8883), (84, 8886), (85, 8892), (87, 8907), (88, 8910), (92, 8955), (101, 9033), (110, 9105), (128, 9453),

Gene: Pipsqueaks_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Pipsqueaks_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Plumbus_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for Plumbus_14:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (63, 8652), (64, 8655), (74, 8718), (79, 8736), (83, 8754), (85, 8763), (87, 8778), (88, 8781), (92, 8826), (101, 8904), (110, 8976), (128, 9324),

Gene: Poenanya_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Poenanya_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (43, 8664), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (70, 8823), (79, 8877), (83, 8895), (85, 8904), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Policronamos_20 Start: 11979, Stop: 12853, Start Num: 30
Candidate Starts for Policronamos_20:
(Start: 20 @11907 has 18 MA's), (Start: 30 @11979 has 86 MA's), (51, 12123), (65, 12216), (71, 12240), (72, 12252), (75, 12276), (78, 12294), (85, 12318), (104, 12477), (117, 12630), (121, 12651), (122, 12696), (123, 12717), (124, 12732), (127, 12843),

Gene: Polka14_13 Start: 8533, Stop: 9469, Start Num: 23
Candidate Starts for Polka14_13:
(Start: 23 @8533 has 162 MA's), (Start: 24 @8539 has 70 MA's), (36, 8641), (43, 8665), (45, 8671), (57, 8767), (Start: 60 @8791 has 1 MA's), (70, 8824), (74, 8860), (79, 8878), (83, 8896), (85, 8905), (92, 8968), (101, 9046), (110, 9118), (128, 9466),

Gene: Pollywog_14 Start: 8385, Stop: 9321, Start Num: 23
Candidate Starts for Pollywog_14:
(Start: 23 @8385 has 162 MA's), (Start: 24 @8391 has 70 MA's), (36, 8493), (45, 8523), (57, 8619), (Start: 60 @8643 has 1 MA's), (74, 8712), (79, 8730), (83, 8748), (84, 8751), (85, 8757), (87, 8772), (88, 8775), (92, 8820), (101, 8898), (110, 8970), (128, 9318),

Gene: PopTart_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for PopTart_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Porcelain_30 Start: 17231, Stop: 17963, Start Num: 29
Candidate Starts for Porcelain_30:
(13, 17138), (Start: 21 @17180 has 7 MA's), (Start: 29 @17231 has 24 MA's), (49, 17363), (62, 17450), (76, 17534), (96, 17648), (102, 17711), (105, 17738), (111, 17777),

Gene: Priscilla_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for Priscilla_13:

(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: Purky_15 Start: 9624, Stop: 10536, Start Num: 12
Candidate Starts for Purky_15:
(3, 9543), (Start: 12 @9624 has 44 MA's), (Start: 32 @9768 has 5 MA's), (67, 9996), (76, 10056), (96, 10170), (111, 10302), (126, 10533),

Gene: Pygmy_15 Start: 9664, Stop: 10582, Start Num: 12
Candidate Starts for Pygmy_15:
(Start: 12 @9664 has 44 MA's), (58, 10000), (67, 10042), (76, 10102), (96, 10216), (111, 10348), (115, 10414),

Gene: Quallification_22 Start: 12676, Stop: 13547, Start Num: 30
Candidate Starts for Quallification_22:
(Start: 20 @12604 has 18 MA's), (Start: 30 @12676 has 86 MA's), (51, 12820), (65, 12913), (71, 12937), (72, 12949), (75, 12973), (78, 12991), (85, 13015), (104, 13174), (117, 13327), (121, 13348), (122, 13393), (123, 13414), (124, 13429), (127, 13540),

Gene: QueenHazel_15 Start: 9782, Stop: 10775, Start Num: 32
Candidate Starts for QueenHazel_15:
(17, 9695), (Start: 32 @9782 has 5 MA's), (41, 9866), (52, 9929), (54, 9941), (55, 9947), (69, 10034), (75, 10085), (78, 10103), (90, 10169), (91, 10193), (95, 10223), (96, 10226), (102, 10289), (103, 10292), (109, 10355), (110, 10358), (129, 10772),

Gene: QuickMath_13 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for QuickMath_13:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (84, 8944), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: Quico_14 Start: 8403, Stop: 9339, Start Num: 24
Candidate Starts for Quico_14:
(18, 8376), (Start: 24 @8403 has 70 MA's), (36, 8511), (45, 8541), (Start: 60 @8661 has 1 MA's), (63, 8664), (64, 8667), (70, 8694), (74, 8730), (83, 8766), (84, 8769), (85, 8775), (87, 8790), (88, 8793), (92, 8838), (101, 8916), (102, 8922), (110, 8988), (119, 9135), (128, 9336),

Gene: Radiance_13 Start: 8531, Stop: 9467, Start Num: 23
Candidate Starts for Radiance_13:
(Start: 23 @8531 has 162 MA's), (Start: 24 @8537 has 70 MA's), (36, 8639), (45, 8669), (57, 8765), (Start: 60 @8789 has 1 MA's), (74, 8858), (79, 8876), (83, 8894), (84, 8897), (85, 8903), (87, 8918), (88, 8921), (92, 8966), (101, 9044), (110, 9116), (128, 9464),

Gene: Ramsey_14 Start: 8388, Stop: 9324, Start Num: 23
Candidate Starts for Ramsey_14:
(Start: 9 @8295 has 6 MA's), (Start: 23 @8388 has 162 MA's), (Start: 24 @8394 has 70 MA's), (36, 8496), (43, 8520), (45, 8526), (57, 8622), (Start: 60 @8646 has 1 MA's), (63, 8649), (64, 8652), (70, 8679), (74, 8715), (79, 8733), (83, 8751), (85, 8760), (92, 8823), (101, 8901), (110, 8973), (128, 9321),

Gene: Raymond7_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Raymond7_15:

(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Rebel_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Rebel_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Redi_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Redi_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Redno2_32 Start: 19159, Stop: 19954, Start Num: 16
Candidate Starts for Redno2_32:
(Start: 16 @19159 has 8 MA's), (Start: 29 @19222 has 24 MA's), (49, 19354), (62, 19441), (76, 19525), (96, 19639), (102, 19702), (105, 19729), (111, 19768),

Gene: Renaud18_14 Start: 8852, Stop: 9794, Start Num: 23
Candidate Starts for Renaud18_14:
(Start: 23 @8852 has 162 MA's), (33, 8924), (37, 8969), (45, 8996), (48, 9014), (50, 9032), (76, 9200), (88, 9263), (92, 9308), (98, 9341), (102, 9392), (110, 9458),

Gene: Rialto_14 Start: 8391, Stop: 9327, Start Num: 23
Candidate Starts for Rialto_14:
(Start: 9 @8298 has 6 MA's), (Start: 23 @8391 has 162 MA's), (Start: 24 @8397 has 70 MA's), (36, 8499), (43, 8523), (45, 8529), (57, 8625), (Start: 60 @8649 has 1 MA's), (63, 8652), (64, 8655), (70, 8682), (74, 8718), (79, 8736), (83, 8754), (85, 8763), (92, 8826), (101, 8904), (102, 8910), (110, 8976), (119, 9123), (128, 9324),

Gene: Rimmer_20 Start: 12036, Stop: 12907, Start Num: 30
Candidate Starts for Rimmer_20:
(Start: 20 @11964 has 18 MA's), (Start: 30 @12036 has 86 MA's), (51, 12180), (65, 12273), (71, 12297), (72, 12309), (75, 12333), (78, 12351), (85, 12375), (104, 12534), (117, 12687), (121, 12708), (122, 12753), (123, 12774), (124, 12789), (127, 12900),

Gene: Rita_13 Start: 8546, Stop: 9482, Start Num: 24
Candidate Starts for Rita_13:
(18, 8519), (Start: 24 @8546 has 70 MA's), (36, 8654), (43, 8678), (45, 8684), (Start: 60 @8804 has 1 MA's), (70, 8837), (74, 8873), (79, 8891), (83, 8909), (85, 8918), (87, 8933), (88, 8936), (92, 8981), (101, 9059), (102, 9065), (110, 9131), (119, 9278), (128, 9479),

Gene: RitaG_13 Start: 8532, Stop: 9441, Start Num: 23
Candidate Starts for RitaG_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (Start: 60 @8763 has 1 MA's), (74, 8832), (79, 8850), (83, 8868), (84, 8871), (85, 8877), (87, 8892), (88, 8895), (92, 8940), (101, 9018), (110, 9090), (128, 9438),

Gene: Rockne_13 Start: 8549, Stop: 9485, Start Num: 23
Candidate Starts for Rockne_13:
(Start: 23 @8549 has 162 MA's), (Start: 24 @8555 has 70 MA's), (36, 8657), (45, 8687), (57, 8783), (Start: 60 @8807 has 1 MA's), (74, 8876), (79, 8894), (83, 8912), (84, 8915), (85, 8921), (87, 8936), (88, 8939), (92, 8984), (101, 9062), (110, 9134), (128, 9482),

Gene: RockyHorror_14 Start: 8389, Stop: 9325, Start Num: 23
Candidate Starts for RockyHorror_14:
(Start: 9 @8296 has 6 MA's), (Start: 23 @8389 has 162 MA's), (Start: 24 @8395 has 70 MA's), (36, 8497), (43, 8521), (45, 8527), (57, 8623), (Start: 60 @8647 has 1 MA's), (63, 8650), (64, 8653), (70, 8680), (74, 8716), (79, 8734), (83, 8752), (85, 8761), (92, 8824), (101, 8902), (110, 8974), (128, 9322),

Gene: Royals2015_13 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for Royals2015_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (84, 8942), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: Rubeelu_15 Start: 9056, Stop: 9962, Start Num: 26
Candidate Starts for Rubeelu_15:
(Start: 26 @9056 has 46 MA's), (40, 9164), (51, 9227), (57, 9275), (67, 9332), (79, 9395), (80, 9401), (84, 9416), (99, 9506), (102, 9554), (114, 9722), (120, 9779),

Gene: Ruby_13 Start: 8449, Stop: 9478, Start Num: 9
Candidate Starts for Ruby_13:
(Start: 9 @8449 has 6 MA's), (Start: 23 @8542 has 162 MA's), (Start: 24 @8548 has 70 MA's), (36, 8650), (45, 8680), (57, 8776), (Start: 60 @8800 has 1 MA's), (63, 8803), (64, 8806), (74, 8869), (79, 8887), (83, 8905), (84, 8908), (85, 8914), (92, 8977), (101, 9055), (102, 9061), (110, 9127), (128, 9475),

Gene: Ryadel_57 Start: 26800, Stop: 27751, Start Num: 19
Candidate Starts for Ryadel_57:
(Start: 19 @26800 has 19 MA's), (Start: 22 @26812 has 3 MA's), (33, 26884), (37, 26929), (38, 26932), (45, 26956), (48, 26974), (51, 27004), (61, 27082), (63, 27085), (73, 27142), (79, 27166), (92, 27241), (110, 27391), (113, 27487),

Gene: SG4_13 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for SG4_13:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (84, 8942), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: Saal_13 Start: 8521, Stop: 9457, Start Num: 23
Candidate Starts for Saal_13:
(Start: 23 @8521 has 162 MA's), (Start: 24 @8527 has 70 MA's), (36, 8629), (45, 8659), (57, 8755), (Start: 60 @8779 has 1 MA's), (74, 8848), (79, 8866), (83, 8884), (84, 8887), (85, 8893), (87, 8908), (88, 8911), (92, 8956), (101, 9034), (110, 9106), (128, 9454),

Gene: Sabbb_13 Start: 8550, Stop: 9486, Start Num: 23
Candidate Starts for Sabbb_13:
(Start: 23 @8550 has 162 MA's), (Start: 24 @8556 has 70 MA's), (36, 8658), (43, 8682), (45, 8688), (57, 8784), (Start: 60 @8808 has 1 MA's), (70, 8841), (79, 8895), (83, 8913), (85, 8922), (92, 8985), (101, 9063), (110, 9135), (128, 9483),

Gene: Saints25_22 Start: 12137, Stop: 13008, Start Num: 30
Candidate Starts for Saints25_22:
(Start: 20 @12065 has 18 MA's), (Start: 30 @12137 has 86 MA's), (51, 12281), (65, 12374), (71, 12398), (72, 12410), (75, 12434), (78, 12452), (85, 12476), (104, 12635), (117, 12788), (121, 12809),

(122, 12854), (123, 12875), (124, 12890), (127, 13001),

Gene: Sandalphon_13 Start: 8549, Stop: 9485, Start Num: 23
Candidate Starts for Sandalphon_13:
(Start: 23 @8549 has 162 MA's), (Start: 24 @8555 has 70 MA's), (36, 8657), (43, 8681), (45, 8687), (57, 8783), (Start: 60 @8807 has 1 MA's), (63, 8810), (64, 8813), (79, 8894), (84, 8915), (85, 8921), (92, 8984), (101, 9062), (110, 9134), (128, 9482),

Gene: Sarma624_14 Start: 8383, Stop: 9319, Start Num: 23
Candidate Starts for Sarma624_14:
(Start: 23 @8383 has 162 MA's), (Start: 24 @8389 has 70 MA's), (36, 8491), (45, 8521), (57, 8617), (Start: 60 @8641 has 1 MA's), (74, 8710), (79, 8728), (83, 8746), (84, 8749), (85, 8755), (87, 8770), (88, 8773), (92, 8818), (101, 8896), (110, 8968), (128, 9316),

Gene: Sassafras_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Sassafras_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Sassay_20 Start: 11977, Stop: 12848, Start Num: 30
Candidate Starts for Sassay_20:
(Start: 20 @11905 has 18 MA's), (Start: 30 @11977 has 86 MA's), (51, 12121), (65, 12214), (71, 12238), (72, 12250), (75, 12274), (78, 12292), (85, 12316), (104, 12475), (117, 12628), (121, 12649), (122, 12694), (123, 12715), (124, 12730), (127, 12841),

Gene: SassyB_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for SassyB_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Sbash_14 Start: 9346, Stop: 10261, Start Num: 32
Candidate Starts for Sbash_14:
(Start: 32 @9346 has 5 MA's), (41, 9430), (52, 9493), (54, 9505), (57, 9538), (69, 9598), (78, 9667), (81, 9679), (82, 9682), (86, 9718), (89, 9727), (95, 9787), (96, 9790), (102, 9853), (103, 9856), (107, 9898), (109, 9919), (110, 9922),

Gene: Schatzie_31 Start: 18762, Stop: 19494, Start Num: 29
Candidate Starts for Schatzie_31:
(Start: 21 @18711 has 7 MA's), (Start: 29 @18762 has 24 MA's), (49, 18894), (62, 18981), (76, 19065), (96, 19179), (102, 19242), (105, 19269), (111, 19308),

Gene: Schnauzer_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Schnauzer_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: SchoolBus_53 Start: 25762, Stop: 26701, Start Num: 22
Candidate Starts for SchoolBus_53:
(Start: 19 @25750 has 19 MA's), (Start: 22 @25762 has 3 MA's), (33, 25834), (37, 25879), (38, 25882), (45, 25906), (48, 25924), (51, 25954), (61, 26032), (63, 26035), (73, 26092), (79, 26116), (92, 26191), (102, 26275), (110, 26341), (113, 26437),

Gene: Scottish_13 Start: 8538, Stop: 9468, Start Num: 24
Candidate Starts for Scottish_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (57, 8766), (Start: 60 @8790 has 1 MA's), (74, 8859), (79, 8877), (83, 8895), (84, 8898), (85, 8904), (87, 8919), (88, 8922), (92, 8967), (101, 9045), (110, 9117), (128, 9465),

Gene: Seabastian_13 Start: 8535, Stop: 9471, Start Num: 23
Candidate Starts for Seabastian_13:
(Start: 9 @8442 has 6 MA's), (Start: 23 @8535 has 162 MA's), (Start: 24 @8541 has 70 MA's), (36, 8643), (45, 8673), (57, 8769), (Start: 60 @8793 has 1 MA's), (63, 8796), (64, 8799), (70, 8826), (74, 8862), (79, 8880), (83, 8898), (85, 8907), (92, 8970), (101, 9048), (110, 9120), (128, 9468),

Gene: Seagreen_14 Start: 8392, Stop: 9328, Start Num: 23
Candidate Starts for Seagreen_14:
(Start: 23 @8392 has 162 MA's), (Start: 24 @8398 has 70 MA's), (36, 8500), (43, 8524), (45, 8530), (57, 8626), (Start: 60 @8650 has 1 MA's), (70, 8683), (79, 8737), (83, 8755), (85, 8764), (92, 8827), (101, 8905), (110, 8977), (128, 9325),

Gene: ShamWow_21 Start: 12470, Stop: 13341, Start Num: 30
Candidate Starts for ShamWow_21:
(Start: 20 @12398 has 18 MA's), (Start: 30 @12470 has 86 MA's), (51, 12614), (65, 12707), (71, 12731), (72, 12743), (75, 12767), (78, 12785), (85, 12809), (104, 12968), (117, 13121), (121, 13142), (122, 13187), (123, 13208), (124, 13223), (127, 13334),

Gene: Shauna1_12 Start: 8578, Stop: 9514, Start Num: 24
Candidate Starts for Shauna1_12:
(18, 8551), (Start: 24 @8578 has 70 MA's), (36, 8686), (45, 8716), (Start: 60 @8836 has 1 MA's), (63, 8839), (64, 8842), (70, 8869), (74, 8905), (79, 8923), (83, 8941), (85, 8950), (87, 8965), (88, 8968), (92, 9013), (101, 9091), (102, 9097), (110, 9163), (119, 9310), (128, 9511),

Gene: ShereKhan_23 Start: 13456, Stop: 14327, Start Num: 30
Candidate Starts for ShereKhan_23:
(Start: 20 @13384 has 18 MA's), (Start: 30 @13456 has 86 MA's), (51, 13600), (65, 13693), (71, 13717), (72, 13729), (75, 13753), (78, 13771), (85, 13795), (104, 13954), (117, 14107), (121, 14128), (122, 14173), (123, 14194), (124, 14209), (127, 14320),

Gene: ShiLan_13 Start: 8444, Stop: 9473, Start Num: 9
Candidate Starts for ShiLan_13:
(Start: 9 @8444 has 6 MA's), (Start: 23 @8537 has 162 MA's), (Start: 24 @8543 has 70 MA's), (36, 8645), (45, 8675), (57, 8771), (Start: 60 @8795 has 1 MA's), (63, 8798), (64, 8801), (74, 8864), (79, 8882), (83, 8900), (85, 8909), (92, 8972), (101, 9050), (110, 9122), (128, 9470),

Gene: Shida_53 Start: 25590, Stop: 26541, Start Num: 19
Candidate Starts for Shida_53:
(Start: 19 @25590 has 19 MA's), (Start: 22 @25602 has 3 MA's), (33, 25674), (37, 25719), (38, 25722), (45, 25746), (48, 25764), (51, 25794), (61, 25872), (63, 25875), (73, 25932), (79, 25956), (92, 26031), (102, 26115), (110, 26181), (113, 26277),

Gene: Shipwreck_15 Start: 9642, Stop: 10560, Start Num: 12
Candidate Starts for Shipwreck_15:
(Start: 12 @9642 has 44 MA's), (58, 9978), (67, 10020), (76, 10080), (96, 10194), (111, 10326), (115, 10392),

Gene: ShowerHandel_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for ShowerHandel_13:
(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: ShrimpFriedEgg_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for ShrimpFriedEgg_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: ShroomBoi_13 Start: 8579, Stop: 9515, Start Num: 24
Candidate Starts for ShroomBoi_13:
(18, 8552), (Start: 24 @8579 has 70 MA's), (36, 8687), (45, 8717), (Start: 60 @8837 has 1 MA's), (70, 8870), (74, 8906), (79, 8924), (83, 8942), (85, 8951), (87, 8966), (88, 8969), (92, 9014), (101, 9092), (102, 9098), (110, 9164), (119, 9311), (128, 9512),

Gene: Shweta_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Shweta_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: SiSi_13 Start: 8565, Stop: 9501, Start Num: 24
Candidate Starts for SiSi_13:
(18, 8538), (Start: 24 @8565 has 70 MA's), (36, 8673), (45, 8703), (Start: 60 @8823 has 1 MA's), (63, 8826), (64, 8829), (70, 8856), (74, 8892), (79, 8910), (83, 8928), (84, 8931), (85, 8937), (87, 8952), (88, 8955), (92, 9000), (101, 9078), (102, 9084), (110, 9150), (119, 9297), (128, 9498),

Gene: Silvafighter_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Silvafighter_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Silvy_15 Start: 9037, Stop: 9943, Start Num: 26
Candidate Starts for Silvy_15:
(Start: 26 @9037 has 46 MA's), (40, 9145), (51, 9208), (57, 9256), (67, 9313), (79, 9376), (80, 9382), (83, 9394), (84, 9397), (99, 9487), (108, 9589), (114, 9703), (120, 9760),

Gene: Simpliphy_22 Start: 12218, Stop: 13089, Start Num: 30
Candidate Starts for Simpliphy_22:
(Start: 20 @12146 has 18 MA's), (Start: 30 @12218 has 86 MA's), (51, 12362), (65, 12455), (71, 12479), (72, 12491), (75, 12515), (78, 12533), (85, 12557), (104, 12716), (117, 12869), (121, 12890), (122, 12935), (123, 12956), (124, 12971), (127, 13082),

Gene: SimranZ1_13 Start: 8388, Stop: 9324, Start Num: 23
Candidate Starts for SimranZ1_13:
(Start: 9 @8295 has 6 MA's), (Start: 23 @8388 has 162 MA's), (Start: 24 @8394 has 70 MA's), (36, 8496), (45, 8526), (57, 8622), (Start: 60 @8646 has 1 MA's), (70, 8679), (74, 8715), (79, 8733), (83, 8751), (85, 8760), (92, 8823), (101, 8901), (110, 8973), (128, 9321),

Gene: SkinnyPete_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for SkinnyPete_15:

(Start: 26 @9081 has 46 MA's), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Slim_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for Slim_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (74, 8713), (79, 8731), (83, 8749), (84, 8752), (85, 8758), (87, 8773), (88, 8776), (92, 8821), (101, 8899), (110, 8971), (119, 9118), (128, 9319),

Gene: Smooch_55 Start: 26890, Stop: 27829, Start Num: 22
Candidate Starts for Smooch_55:
(Start: 19 @26878 has 19 MA's), (Start: 22 @26890 has 3 MA's), (33, 26962), (37, 27007), (38, 27010), (45, 27034), (48, 27052), (51, 27082), (61, 27160), (63, 27163), (73, 27220), (79, 27244), (92, 27319), (102, 27403), (110, 27469), (113, 27565),

Gene: Smurph_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Smurph_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Snekmaggedon_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Snekmaggedon_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Sonah_16 Start: 9934, Stop: 10852, Start Num: 12
Candidate Starts for Sonah_16:
(Start: 12 @9934 has 44 MA's), (28, 10054), (58, 10270), (67, 10312), (76, 10372), (96, 10486), (111, 10618), (115, 10684),

Gene: SophKB_21 Start: 12397, Stop: 13340, Start Num: 20
Candidate Starts for SophKB_21:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Sotrice96_21 Start: 12425, Stop: 13296, Start Num: 30
Candidate Starts for Sotrice96_21:
(Start: 20 @12353 has 18 MA's), (Start: 30 @12425 has 86 MA's), (51, 12569), (65, 12662), (71, 12686), (72, 12698), (75, 12722), (78, 12740), (85, 12764), (104, 12923), (117, 13076), (121, 13097), (122, 13142), (123, 13163), (124, 13178), (127, 13289),

Gene: Sparkdehlily_13 Start: 8561, Stop: 9497, Start Num: 23
Candidate Starts for Sparkdehlily_13:
(Start: 23 @8561 has 162 MA's), (Start: 24 @8567 has 70 MA's), (36, 8669), (45, 8699), (Start: 60 @8819 has 1 MA's), (74, 8888), (79, 8906), (83, 8924), (85, 8933), (87, 8948), (88, 8951), (92, 8996), (101, 9074), (110, 9146), (128, 9494),

Gene: Spartacus_13 Start: 8563, Stop: 9499, Start Num: 24
Candidate Starts for Spartacus_13:
(18, 8536), (Start: 24 @8563 has 70 MA's), (36, 8671), (45, 8701), (Start: 60 @8821 has 1 MA's), (70, 8854), (74, 8890), (79, 8908), (83, 8926), (85, 8935), (92, 8998), (101, 9076), (110, 9148), (128, 9496),

Gene: Spikelee_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for Spikelee_14:
(7, 8291), (Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (36, 8498), (45, 8528), (Start: 60 @8648 has 1 MA's), (63, 8651), (64, 8654), (70, 8681), (74, 8717), (79, 8735), (83, 8753), (85, 8762), (92, 8825), (101, 8903), (110, 8975), (128, 9323),

Gene: Spinach_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for Spinach_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: SpongeBob_15 Start: 9081, Stop: 9987, Start Num: 26
Candidate Starts for SpongeBob_15:
(Start: 26 @9081 has 46 MA's), (39, 9180), (40, 9189), (51, 9252), (57, 9300), (67, 9357), (79, 9420), (80, 9426), (83, 9438), (84, 9441), (98, 9528), (99, 9531), (108, 9633), (114, 9747), (120, 9804),

Gene: Spoonbill_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for Spoonbill_13:
(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (84, 8904), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: Squint_30 Start: 17358, Stop: 18090, Start Num: 29
Candidate Starts for Squint_30:
(Start: 21 @17307 has 7 MA's), (Start: 29 @17358 has 24 MA's), (49, 17490), (62, 17577), (76, 17661), (96, 17775), (102, 17838), (105, 17865), (111, 17904),

Gene: Squirty_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for Squirty_14:
(Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (43, 8522), (45, 8528), (57, 8624), (Start: 60 @8648 has 1 MA's), (70, 8681), (74, 8717), (79, 8735), (83, 8753), (84, 8756), (85, 8762), (87, 8777), (88, 8780), (92, 8825), (101, 8903), (102, 8909), (110, 8975), (128, 9323),

Gene: StAnnes_13 Start: 8579, Stop: 9515, Start Num: 24
Candidate Starts for StAnnes_13:
(18, 8552), (Start: 24 @8579 has 70 MA's), (36, 8687), (45, 8717), (Start: 60 @8837 has 1 MA's), (70, 8870), (74, 8906), (79, 8924), (83, 8942), (84, 8945), (85, 8951), (87, 8966), (88, 8969), (92, 9014), (101, 9092), (102, 9098), (110, 9164), (128, 9512),

Gene: Stank_23 Start: 12463, Stop: 13337, Start Num: 30
Candidate Starts for Stank_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Stap_14 Start: 8389, Stop: 9325, Start Num: 23
Candidate Starts for Stap_14:
(Start: 9 @8296 has 6 MA's), (Start: 23 @8389 has 162 MA's), (Start: 24 @8395 has 70 MA's), (36, 8497), (43, 8521), (45, 8527), (57, 8623), (Start: 60 @8647 has 1 MA's), (63, 8650), (64, 8653), (70, 8680), (74, 8716), (79, 8734), (83, 8752), (85, 8761), (92, 8824), (101, 8902), (110, 8974), (128, 9322),

Gene: Starcevich_14 Start: 8388, Stop: 9324, Start Num: 23
Candidate Starts for Starcevich_14:

(Start: 23 @8388 has 162 MA's), (Start: 24 @8394 has 70 MA's), (36, 8496), (45, 8526), (57, 8622), (Start: 60 @8646 has 1 MA's), (74, 8715), (79, 8733), (83, 8751), (84, 8754), (85, 8760), (87, 8775), (88, 8778), (92, 8823), (101, 8901), (110, 8973), (119, 9120), (128, 9321),

Gene: Stark_22 Start: 12231, Stop: 13102, Start Num: 30
Candidate Starts for Stark_22:
(Start: 20 @12159 has 18 MA's), (Start: 30 @12231 has 86 MA's), (51, 12375), (65, 12468), (71, 12492), (72, 12504), (75, 12528), (78, 12546), (85, 12570), (104, 12729), (117, 12882), (121, 12903), (122, 12948), (123, 12969), (124, 12984), (127, 13095),

Gene: StellaBean_21 Start: 12397, Stop: 13340, Start Num: 20
Candidate Starts for StellaBean_21:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: StevieRay_16 Start: 9932, Stop: 10850, Start Num: 12
Candidate Starts for StevieRay_16:
(Start: 1 @9851 has 3 MA's), (2, 9854), (Start: 12 @9932 has 44 MA's), (58, 10268), (67, 10310), (76, 10370), (96, 10484), (111, 10616), (115, 10682),

Gene: StolenFromERC_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for StolenFromERC_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: StressBall_16 Start: 9949, Stop: 10867, Start Num: 12
Candidate Starts for StressBall_16:
(Start: 12 @9949 has 44 MA's), (28, 10069), (58, 10285), (67, 10327), (76, 10387), (96, 10501), (111, 10633), (115, 10699),

Gene: Strokeseat_13 Start: 8534, Stop: 9470, Start Num: 23
Candidate Starts for Strokeseat_13:
(Start: 23 @8534 has 162 MA's), (Start: 24 @8540 has 70 MA's), (36, 8642), (45, 8672), (57, 8768), (Start: 60 @8792 has 1 MA's), (74, 8861), (79, 8879), (83, 8897), (84, 8900), (85, 8906), (87, 8921), (88, 8924), (92, 8969), (101, 9047), (110, 9119), (128, 9467),

Gene: Stuck_14 Start: 9364, Stop: 10279, Start Num: 32
Candidate Starts for Stuck_14:
(Start: 32 @9364 has 5 MA's), (41, 9448), (51, 9508), (52, 9511), (54, 9523), (57, 9556), (78, 9685), (82, 9700), (89, 9745), (95, 9805), (96, 9808), (102, 9871), (103, 9874), (107, 9916), (109, 9937), (110, 9940),

Gene: SuperGrey_13 Start: 8545, Stop: 9481, Start Num: 24
Candidate Starts for SuperGrey_13:
(18, 8518), (Start: 24 @8545 has 70 MA's), (36, 8653), (43, 8677), (45, 8683), (Start: 60 @8803 has 1 MA's), (70, 8836), (74, 8872), (79, 8890), (83, 8908), (85, 8917), (87, 8932), (88, 8935), (92, 8980), (101, 9058), (102, 9064), (110, 9130), (119, 9277), (128, 9478),

Gene: Superphikiman_31 Start: 17413, Stop: 18145, Start Num: 29
Candidate Starts for Superphikiman_31:

(13, 17320), (Start: 21 @17362 has 7 MA's), (Start: 29 @17413 has 24 MA's), (49, 17545), (62, 17632), (76, 17716), (96, 17830), (102, 17893), (105, 17920), (111, 17959),

Gene: SwagPigglett_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for SwagPigglett_13:
(Start: 9 @8445 has 6 MA's), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (63, 8799), (64, 8802), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: TBrady12_23 Start: 12460, Stop: 13331, Start Num: 30
Candidate Starts for TBrady12_23:
(Start: 20 @12388 has 18 MA's), (Start: 30 @12460 has 86 MA's), (51, 12604), (65, 12697), (71, 12721), (72, 12733), (75, 12757), (78, 12775), (85, 12799), (97, 12877), (104, 12958), (117, 13111), (121, 13132), (122, 13177), (123, 13198), (124, 13213), (127, 13324),

Gene: TChen_14 Start: 8979, Stop: 9921, Start Num: 23
Candidate Starts for TChen_14:
(Start: 23 @8979 has 162 MA's), (33, 9051), (34, 9072), (35, 9075), (37, 9096), (45, 9123), (50, 9159), (70, 9276), (76, 9327), (92, 9435), (98, 9468), (101, 9513), (102, 9519), (110, 9585),

Gene: TDanisky_13 Start: 8561, Stop: 9497, Start Num: 23
Candidate Starts for TDanisky_13:
(Start: 23 @8561 has 162 MA's), (Start: 24 @8567 has 70 MA's), (36, 8669), (45, 8699), (Start: 60 @8819 has 1 MA's), (74, 8888), (79, 8906), (83, 8924), (85, 8933), (87, 8948), (88, 8951), (92, 8996), (101, 9074), (110, 9146), (128, 9494),

Gene: Taj_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for Taj_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Tapioca_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Tapioca_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Tarkin_23 Start: 13459, Stop: 14330, Start Num: 30
Candidate Starts for Tarkin_23:
(Start: 20 @13387 has 18 MA's), (Start: 30 @13459 has 86 MA's), (51, 13603), (65, 13696), (71, 13720), (72, 13732), (75, 13756), (78, 13774), (85, 13798), (104, 13957), (117, 14110), (121, 14131), (122, 14176), (123, 14197), (124, 14212), (127, 14323),

Gene: Tchotchke_14 Start: 8384, Stop: 9320, Start Num: 23
Candidate Starts for Tchotchke_14:
(Start: 23 @8384 has 162 MA's), (Start: 24 @8390 has 70 MA's), (36, 8492), (45, 8522), (57, 8618), (Start: 60 @8642 has 1 MA's), (74, 8711), (79, 8729), (83, 8747), (84, 8750), (85, 8756), (88, 8774), (92, 8819), (101, 8897), (110, 8969), (128, 9317),

Gene: TeamEdward_21 Start: 12641, Stop: 13512, Start Num: 30
Candidate Starts for TeamEdward_21:
(Start: 20 @12569 has 18 MA's), (Start: 30 @12641 has 86 MA's), (51, 12785), (65, 12878), (71, 12902), (72, 12914), (75, 12938), (78, 12956), (85, 12980), (104, 13139), (117, 13292), (121, 13313),

(122, 13358), (123, 13379), (124, 13394), (127, 13505),

Gene: TeardropMSU_20 Start: 12377, Stop: 13248, Start Num: 30
Candidate Starts for TeardropMSU_20:
(Start: 20 @12305 has 18 MA's), (Start: 30 @12377 has 86 MA's), (51, 12521), (65, 12614), (71, 12638), (72, 12650), (75, 12674), (78, 12692), (85, 12716), (104, 12875), (117, 13028), (121, 13049), (122, 13094), (123, 13115), (124, 13130), (127, 13241),

Gene: Teaspoon_21 Start: 11841, Stop: 12787, Start Num: 20
Candidate Starts for Teaspoon_21:
(Start: 20 @11841 has 18 MA's), (Start: 30 @11913 has 86 MA's), (51, 12057), (65, 12150), (71, 12174), (72, 12186), (75, 12210), (78, 12228), (85, 12252), (104, 12411), (117, 12564), (121, 12585), (122, 12630), (123, 12651), (124, 12666), (127, 12777),

Gene: Techage_16 Start: 9935, Stop: 10853, Start Num: 12
Candidate Starts for Techage_16:
(Start: 12 @9935 has 44 MA's), (28, 10055), (58, 10271), (67, 10313), (76, 10373), (96, 10487), (111, 10619), (115, 10685),

Gene: TelAviv_50 Start: 25744, Stop: 26695, Start Num: 19
Candidate Starts for TelAviv_50:
(Start: 19 @25744 has 19 MA's), (Start: 22 @25756 has 3 MA's), (33, 25828), (37, 25873), (38, 25876), (45, 25900), (48, 25918), (51, 25948), (61, 26026), (63, 26029), (73, 26086), (79, 26110), (92, 26185), (102, 26269), (110, 26335), (113, 26431),

Gene: Terminus_21 Start: 12560, Stop: 13431, Start Num: 30
Candidate Starts for Terminus_21:
(Start: 20 @12488 has 18 MA's), (Start: 30 @12560 has 86 MA's), (51, 12704), (65, 12797), (71, 12821), (72, 12833), (75, 12857), (78, 12875), (85, 12899), (104, 13058), (117, 13211), (121, 13232), (122, 13277), (123, 13298), (124, 13313), (127, 13424),

Gene: Thespis_16 Start: 9944, Stop: 10862, Start Num: 12
Candidate Starts for Thespis_16:
(Start: 1 @9863 has 3 MA's), (2, 9866), (Start: 12 @9944 has 44 MA's), (58, 10280), (67, 10322), (76, 10382), (96, 10496), (111, 10628), (115, 10694),

Gene: ThetaBob_14 Start: 8862, Stop: 9804, Start Num: 23
Candidate Starts for ThetaBob_14:
(Start: 23 @8862 has 162 MA's), (33, 8934), (34, 8955), (35, 8958), (37, 8979), (45, 9006), (50, 9042), (70, 9159), (76, 9210), (92, 9318), (98, 9351), (101, 9396), (102, 9402), (110, 9468),

Gene: Thibault_29 Start: 19022, Stop: 19754, Start Num: 29
Candidate Starts for Thibault_29:
(Start: 16 @18959 has 8 MA's), (Start: 29 @19022 has 24 MA's), (49, 19154), (62, 19241), (76, 19325), (96, 19439), (102, 19502), (105, 19529), (111, 19568),

Gene: Thimble_21 Start: 11426, Stop: 12297, Start Num: 30
Candidate Starts for Thimble_21:
(Start: 20 @11354 has 18 MA's), (Start: 30 @11426 has 86 MA's), (51, 11570), (65, 11663), (71, 11687), (72, 11699), (75, 11723), (78, 11741), (85, 11765), (104, 11924), (117, 12077), (121, 12098), (122, 12143), (123, 12164), (124, 12179), (127, 12290),

Gene: ThreeRngTarjay_32 Start: 19588, Stop: 20320, Start Num: 29

Candidate Starts for ThreeRngTarjay_32:
(Start: 16 @19525 has 8 MA's), (Start: 29 @19588 has 24 MA's), (49, 19720), (62, 19807), (76, 19891), (96, 20005), (102, 20068), (105, 20095), (111, 20134),

Gene: Thresher_22 Start: 13221, Stop: 14092, Start Num: 30
Candidate Starts for Thresher_22:
(Start: 20 @13149 has 18 MA's), (Start: 30 @13221 has 86 MA's), (51, 13365), (65, 13458), (71, 13482), (72, 13494), (75, 13518), (78, 13536), (85, 13560), (104, 13719), (117, 13872), (121, 13893), (122, 13938), (123, 13959), (124, 13974), (127, 14085),

Gene: ThulaThula_15 Start: 9619, Stop: 10525, Start Num: 11
Candidate Starts for ThulaThula_15:
(3, 9535), (Start: 11 @9619 has 2 MA's), (27, 9724), (Start: 32 @9760 has 5 MA's), (58, 9943), (67, 9985), (76, 10045), (83, 10078), (96, 10159), (111, 10291), (115, 10357), (126, 10522),

Gene: Tomaszewski_20 Start: 12070, Stop: 12941, Start Num: 30
Candidate Starts for Tomaszewski_20:
(Start: 20 @11998 has 18 MA's), (Start: 30 @12070 has 86 MA's), (51, 12214), (65, 12307), (71, 12331), (72, 12343), (75, 12367), (78, 12385), (85, 12409), (104, 12568), (117, 12721), (121, 12742), (122, 12787), (123, 12808), (124, 12823), (127, 12934),

Gene: TootsiePop_14 Start: 8399, Stop: 9335, Start Num: 23
Candidate Starts for TootsiePop_14:
(Start: 23 @8399 has 162 MA's), (Start: 24 @8405 has 70 MA's), (36, 8507), (43, 8531), (45, 8537), (Start: 60 @8657 has 1 MA's), (70, 8690), (74, 8726), (79, 8744), (83, 8762), (84, 8765), (85, 8771), (87, 8786), (88, 8789), (92, 8834), (101, 8912), (110, 8984), (119, 9131), (128, 9332),

Gene: Tootsieroll_14 Start: 8389, Stop: 9325, Start Num: 23
Candidate Starts for Tootsieroll_14:
(Start: 9 @8296 has 6 MA's), (Start: 23 @8389 has 162 MA's), (Start: 24 @8395 has 70 MA's), (36, 8497), (43, 8521), (45, 8527), (57, 8623), (Start: 60 @8647 has 1 MA's), (63, 8650), (64, 8653), (70, 8680), (74, 8716), (79, 8734), (83, 8752), (85, 8761), (92, 8824), (101, 8902), (110, 8974), (128, 9322),

Gene: Tortellini_15 Start: 9632, Stop: 10544, Start Num: 12
Candidate Starts for Tortellini_15:
(Start: 12 @9632 has 44 MA's), (Start: 32 @9776 has 5 MA's), (42, 9857), (58, 9962), (67, 10004), (76, 10064), (96, 10178), (111, 10310), (126, 10541),

Gene: Tortoise12_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Tortoise12_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Totinger_14 Start: 8386, Stop: 9322, Start Num: 23
Candidate Starts for Totinger_14:
(Start: 23 @8386 has 162 MA's), (Start: 24 @8392 has 70 MA's), (36, 8494), (45, 8524), (57, 8620), (Start: 60 @8644 has 1 MA's), (74, 8713), (79, 8731), (83, 8749), (84, 8752), (85, 8758), (87, 8773), (88, 8776), (92, 8821), (101, 8899), (110, 8971), (119, 9118), (128, 9319),

Gene: Traaww1_18 Start: 12115, Stop: 12986, Start Num: 30
Candidate Starts for Traaww1_18:
(Start: 20 @12043 has 18 MA's), (Start: 30 @12115 has 86 MA's), (51, 12259), (65, 12352), (71, 12376), (72, 12388), (75, 12412), (78, 12430), (85, 12454), (104, 12613), (117, 12766), (121, 12787),

(122, 12832), (123, 12853), (124, 12868), (127, 12979),

Gene: Tuco_21 Start: 12469, Stop: 13343, Start Num: 30
Candidate Starts for Tuco_21:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Tweety_12 Start: 8579, Stop: 9515, Start Num: 24
Candidate Starts for Tweety_12:
(18, 8552), (Start: 24 @8579 has 70 MA's), (36, 8687), (45, 8717), (Start: 60 @8837 has 1 MA's), (70, 8870), (74, 8906), (79, 8924), (83, 8942), (84, 8945), (85, 8951), (87, 8966), (88, 8969), (92, 9014), (101, 9092), (102, 9098), (110, 9164), (119, 9311), (128, 9512),

Gene: UncleRicky_14 Start: 8390, Stop: 9326, Start Num: 23
Candidate Starts for UncleRicky_14:
(Start: 9 @8297 has 6 MA's), (Start: 23 @8390 has 162 MA's), (Start: 24 @8396 has 70 MA's), (36, 8498), (45, 8528), (Start: 60 @8648 has 1 MA's), (74, 8717), (79, 8735), (83, 8753), (85, 8762), (92, 8825), (101, 8903), (102, 8909), (110, 8975), (128, 9323),

Gene: VRedHorse_13 Start: 8534, Stop: 9470, Start Num: 23
Candidate Starts for VRedHorse_13:
(Start: 23 @8534 has 162 MA's), (Start: 24 @8540 has 70 MA's), (36, 8642), (45, 8672), (57, 8768), (Start: 60 @8792 has 1 MA's), (74, 8861), (79, 8879), (83, 8897), (84, 8900), (85, 8906), (87, 8921), (88, 8924), (92, 8969), (101, 9047), (110, 9119), (128, 9467),

Gene: Vagabond_53 Start: 25577, Stop: 26528, Start Num: 19
Candidate Starts for Vagabond_53:
(Start: 19 @25577 has 19 MA's), (Start: 22 @25589 has 3 MA's), (33, 25661), (37, 25706), (38, 25709), (45, 25733), (48, 25751), (51, 25781), (61, 25859), (63, 25862), (73, 25919), (79, 25943), (92, 26018), (102, 26102), (110, 26168), (113, 26264),

Gene: Velveteen_14 Start: 8383, Stop: 9319, Start Num: 23
Candidate Starts for Velveteen_14:
(Start: 23 @8383 has 162 MA's), (Start: 24 @8389 has 70 MA's), (36, 8491), (45, 8521), (57, 8617), (Start: 60 @8641 has 1 MA's), (74, 8710), (79, 8728), (83, 8746), (84, 8749), (85, 8755), (87, 8770), (88, 8773), (92, 8818), (101, 8896), (110, 8968), (128, 9316),

Gene: Venti_16 Start: 9941, Stop: 10859, Start Num: 12
Candidate Starts for Venti_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Veteran_13 Start: 8572, Stop: 9508, Start Num: 24
Candidate Starts for Veteran_13:
(18, 8545), (Start: 24 @8572 has 70 MA's), (36, 8680), (45, 8710), (Start: 60 @8830 has 1 MA's), (70, 8863), (74, 8899), (79, 8917), (83, 8935), (84, 8938), (85, 8944), (87, 8959), (88, 8962), (92, 9007), (101, 9085), (102, 9091), (110, 9157), (119, 9304), (128, 9505),

Gene: Violac_13 Start: 8539, Stop: 9475, Start Num: 23
Candidate Starts for Violac_13:
(Start: 9 @8446 has 6 MA's), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (70, 8830), (74,

8866), (79, 8884), (83, 8902), (85, 8911), (92, 8974), (101, 9052), (110, 9124), (119, 9271), (128, 9472),

Gene: Vivum_13 Start: 8539, Stop: 9475, Start Num: 23
Candidate Starts for Vivum_13:
(7, 8440), (Start: 23 @8539 has 162 MA's), (Start: 24 @8545 has 70 MA's), (36, 8647), (45, 8677), (57, 8773), (Start: 60 @8797 has 1 MA's), (63, 8800), (64, 8803), (74, 8866), (79, 8884), (83, 8902), (84, 8905), (85, 8911), (87, 8926), (88, 8929), (92, 8974), (101, 9052), (110, 9124), (128, 9472),

Gene: Vorrps_51 Start: 25336, Stop: 26287, Start Num: 19
Candidate Starts for Vorrps_51:
(Start: 19 @25336 has 19 MA's), (Start: 22 @25348 has 3 MA's), (33, 25420), (37, 25465), (38, 25468), (45, 25492), (48, 25510), (51, 25540), (61, 25618), (63, 25621), (73, 25678), (79, 25702), (92, 25777), (102, 25861), (110, 25927), (113, 26023),

Gene: Wachhund_13 Start: 8532, Stop: 9468, Start Num: 23
Candidate Starts for Wachhund_13:
(Start: 23 @8532 has 162 MA's), (Start: 24 @8538 has 70 MA's), (36, 8640), (45, 8670), (Start: 60 @8790 has 1 MA's), (70, 8823), (79, 8877), (83, 8895), (85, 8904), (92, 8967), (101, 9045), (102, 9051), (110, 9117), (119, 9264), (128, 9465),

Gene: Wanda_34 Start: 18968, Stop: 19763, Start Num: 16
Candidate Starts for Wanda_34:
(Start: 16 @18968 has 8 MA's), (Start: 29 @19031 has 24 MA's), (49, 19163), (62, 19250), (76, 19334), (96, 19448), (102, 19511), (105, 19538), (111, 19577),

Gene: Wee_12 Start: 8576, Stop: 9512, Start Num: 24
Candidate Starts for Wee_12:
(18, 8549), (Start: 24 @8576 has 70 MA's), (36, 8684), (45, 8714), (Start: 60 @8834 has 1 MA's), (70, 8867), (74, 8903), (79, 8921), (83, 8939), (84, 8942), (85, 8948), (87, 8963), (88, 8966), (92, 9011), (101, 9089), (102, 9095), (110, 9161), (119, 9308), (128, 9509),

Gene: Whatsapiecost_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for Whatsapiecost_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (84, 8943), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Whouxphf_13 Start: 8526, Stop: 9462, Start Num: 23
Candidate Starts for Whouxphf_13:
(Start: 23 @8526 has 162 MA's), (Start: 24 @8532 has 70 MA's), (36, 8634), (45, 8664), (Start: 60 @8784 has 1 MA's), (63, 8787), (64, 8790), (70, 8817), (74, 8853), (79, 8871), (83, 8889), (85, 8898), (87, 8913), (88, 8916), (92, 8961), (101, 9039), (102, 9045), (110, 9111), (119, 9258), (128, 9459),

Gene: Wiggin_23 Start: 12463, Stop: 13337, Start Num: 30
Candidate Starts for Wiggin_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: WillSterrel_13 Start: 8563, Stop: 9499, Start Num: 24
Candidate Starts for WillSterrel_13:

(18, 8536), (Start: 24 @8563 has 70 MA's), (36, 8671), (45, 8701), (Start: 60 @8821 has 1 MA's), (70, 8854), (74, 8890), (79, 8908), (83, 8926), (85, 8935), (92, 8998), (101, 9076), (110, 9148), (128, 9496),

Gene: Willez_20 Start: 11977, Stop: 12848, Start Num: 30
Candidate Starts for Willez_20:
(Start: 20 @11905 has 18 MA's), (Start: 30 @11977 has 86 MA's), (51, 12121), (65, 12214), (71, 12238), (72, 12250), (75, 12274), (78, 12292), (85, 12316), (104, 12475), (117, 12628), (121, 12649), (122, 12694), (123, 12715), (124, 12730), (127, 12841),

Gene: Willsammy_16 Start: 9947, Stop: 10865, Start Num: 12
Candidate Starts for Willsammy_16:
(Start: 1 @9866 has 3 MA's), (2, 9869), (Start: 12 @9947 has 44 MA's), (58, 10283), (67, 10325), (76, 10385), (96, 10499), (111, 10631), (115, 10697),

Gene: Winget_54 Start: 26016, Stop: 26967, Start Num: 19
Candidate Starts for Winget_54:
(Start: 19 @26016 has 19 MA's), (Start: 22 @26028 has 3 MA's), (33, 26100), (37, 26145), (38, 26148), (45, 26172), (48, 26190), (51, 26220), (61, 26298), (63, 26301), (73, 26358), (79, 26382), (92, 26457), (102, 26541), (110, 26607), (113, 26703),

Gene: XFactor_13 Start: 8577, Stop: 9513, Start Num: 24
Candidate Starts for XFactor_13:
(18, 8550), (Start: 24 @8577 has 70 MA's), (36, 8685), (45, 8715), (Start: 60 @8835 has 1 MA's), (70, 8868), (74, 8904), (79, 8922), (83, 8940), (85, 8949), (87, 8964), (88, 8967), (92, 9012), (101, 9090), (102, 9096), (110, 9162), (119, 9309), (128, 9510),

Gene: Xandras_23 Start: 12463, Stop: 13334, Start Num: 30
Candidate Starts for Xandras_23:
(Start: 20 @12391 has 18 MA's), (Start: 30 @12463 has 86 MA's), (51, 12607), (65, 12700), (71, 12724), (72, 12736), (75, 12760), (78, 12778), (85, 12802), (104, 12961), (117, 13114), (121, 13135), (122, 13180), (123, 13201), (124, 13216), (127, 13327),

Gene: Xavia_16 Start: 9945, Stop: 10863, Start Num: 12
Candidate Starts for Xavia_16:
(Start: 1 @9864 has 3 MA's), (2, 9867), (Start: 12 @9945 has 44 MA's), (58, 10281), (67, 10323), (76, 10383), (96, 10497), (111, 10629), (115, 10695),

Gene: Xeno_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Xeno_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (57, 9255), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Xerxes_15 Start: 9036, Stop: 9942, Start Num: 26
Candidate Starts for Xerxes_15:
(Start: 26 @9036 has 46 MA's), (40, 9144), (51, 9207), (67, 9312), (79, 9375), (80, 9381), (83, 9393), (84, 9396), (99, 9486), (108, 9588), (114, 9702), (120, 9759),

Gene: Xula_14 Start: 9411, Stop: 10404, Start Num: 32
Candidate Starts for Xula_14:
(6, 9222), (Start: 32 @9411 has 5 MA's), (41, 9495), (52, 9558), (54, 9570), (55, 9576), (69, 9663), (75, 9714), (78, 9732), (91, 9822), (95, 9852), (96, 9855), (102, 9918), (103, 9921), (109, 9984), (110, 9987), (129, 10401),

Gene: YassJohnny_21 Start: 12469, Stop: 13343, Start Num: 30
Candidate Starts for YassJohnny_21:
(Start: 20 @12397 has 18 MA's), (Start: 30 @12469 has 86 MA's), (51, 12613), (65, 12706), (71, 12730), (72, 12742), (75, 12766), (78, 12784), (85, 12808), (104, 12967), (117, 13120), (121, 13141), (122, 13186), (123, 13207), (124, 13222), (127, 13333),

Gene: Yeet_31 Start: 18764, Stop: 19496, Start Num: 29
Candidate Starts for Yeet_31:
(Start: 16 @18701 has 8 MA's), (Start: 29 @18764 has 24 MA's), (49, 18896), (62, 18983), (76, 19067), (96, 19181), (102, 19244), (105, 19271), (111, 19310),

Gene: Yorick_13 Start: 8536, Stop: 9472, Start Num: 23
Candidate Starts for Yorick_13:
(Start: 9 @8443 has 6 MA's), (Start: 23 @8536 has 162 MA's), (Start: 24 @8542 has 70 MA's), (36, 8644), (45, 8674), (57, 8770), (Start: 60 @8794 has 1 MA's), (63, 8797), (64, 8800), (74, 8863), (79, 8881), (83, 8899), (85, 8908), (92, 8971), (101, 9049), (110, 9121), (128, 9469),

Gene: Youngblood_21 Start: 12641, Stop: 13512, Start Num: 30
Candidate Starts for Youngblood_21:
(Start: 20 @12569 has 18 MA's), (Start: 30 @12641 has 86 MA's), (51, 12785), (65, 12878), (71, 12902), (72, 12914), (75, 12938), (78, 12956), (85, 12980), (104, 13139), (117, 13292), (121, 13313), (122, 13358), (123, 13379), (124, 13394), (127, 13505),

Gene: YungJamal_56 Start: 26055, Stop: 27006, Start Num: 19
Candidate Starts for YungJamal_56:
(Start: 19 @26055 has 19 MA's), (Start: 22 @26067 has 3 MA's), (33, 26139), (37, 26184), (38, 26187), (45, 26211), (48, 26229), (51, 26259), (61, 26337), (63, 26340), (73, 26397), (79, 26421), (92, 26496), (102, 26580), (110, 26646), (113, 26742),

Gene: Zakhe101_53 Start: 25875, Stop: 26826, Start Num: 19
Candidate Starts for Zakhe101_53:
(Start: 19 @25875 has 19 MA's), (Start: 22 @25887 has 3 MA's), (33, 25959), (37, 26004), (38, 26007), (45, 26031), (48, 26049), (51, 26079), (61, 26157), (63, 26160), (73, 26217), (79, 26241), (92, 26316), (102, 26400), (110, 26466), (113, 26562),

Gene: Zebo_53 Start: 25750, Stop: 26701, Start Num: 19
Candidate Starts for Zebo_53:
(Start: 19 @25750 has 19 MA's), (Start: 22 @25762 has 3 MA's), (33, 25834), (37, 25879), (38, 25882), (45, 25906), (48, 25924), (51, 25954), (61, 26032), (63, 26035), (73, 26092), (79, 26116), (92, 26191), (102, 26275), (110, 26341), (113, 26437),

Gene: Zelink_34 Start: 19616, Stop: 20348, Start Num: 29
Candidate Starts for Zelink_34:
(Start: 16 @19553 has 8 MA's), (Start: 29 @19616 has 24 MA's), (49, 19748), (62, 19835), (76, 19919), (96, 20033), (102, 20096), (105, 20123), (111, 20162),

Gene: Zerg_13 Start: 8538, Stop: 9474, Start Num: 23
Candidate Starts for Zerg_13:
(10, 8451), (Start: 23 @8538 has 162 MA's), (Start: 24 @8544 has 70 MA's), (36, 8646), (43, 8670), (45, 8676), (57, 8772), (Start: 60 @8796 has 1 MA's), (74, 8865), (79, 8883), (83, 8901), (85, 8910), (87, 8925), (88, 8928), (92, 8973), (101, 9051), (110, 9123), (128, 9471),

Gene: Zilizebeth_16 Start: 9941, Stop: 10859, Start Num: 12

Candidate Starts for Zilizebeth_16:
(Start: 1 @9860 has 3 MA's), (2, 9863), (Start: 12 @9941 has 44 MA's), (58, 10277), (67, 10319), (76, 10379), (96, 10493), (111, 10625), (115, 10691),

Gene: Zizzle_13 Start: 8540, Stop: 9476, Start Num: 23
Candidate Starts for Zizzle_13:
(Start: 9 @8447 has 6 MA's), (Start: 23 @8540 has 162 MA's), (Start: 24 @8546 has 70 MA's), (36, 8648), (45, 8678), (57, 8774), (Start: 60 @8798 has 1 MA's), (63, 8801), (64, 8804), (74, 8867), (79, 8885), (83, 8903), (85, 8912), (92, 8975), (101, 9053), (110, 9125), (128, 9473),

Gene: xkcd_21 Start: 12129, Stop: 13003, Start Num: 30
Candidate Starts for xkcd_21:
(Start: 20 @12057 has 18 MA's), (Start: 30 @12129 has 86 MA's), (51, 12273), (65, 12366), (71, 12390), (72, 12402), (75, 12426), (78, 12444), (85, 12468), (104, 12627), (117, 12780), (121, 12801), (122, 12846), (123, 12867), (124, 12882), (127, 12993),