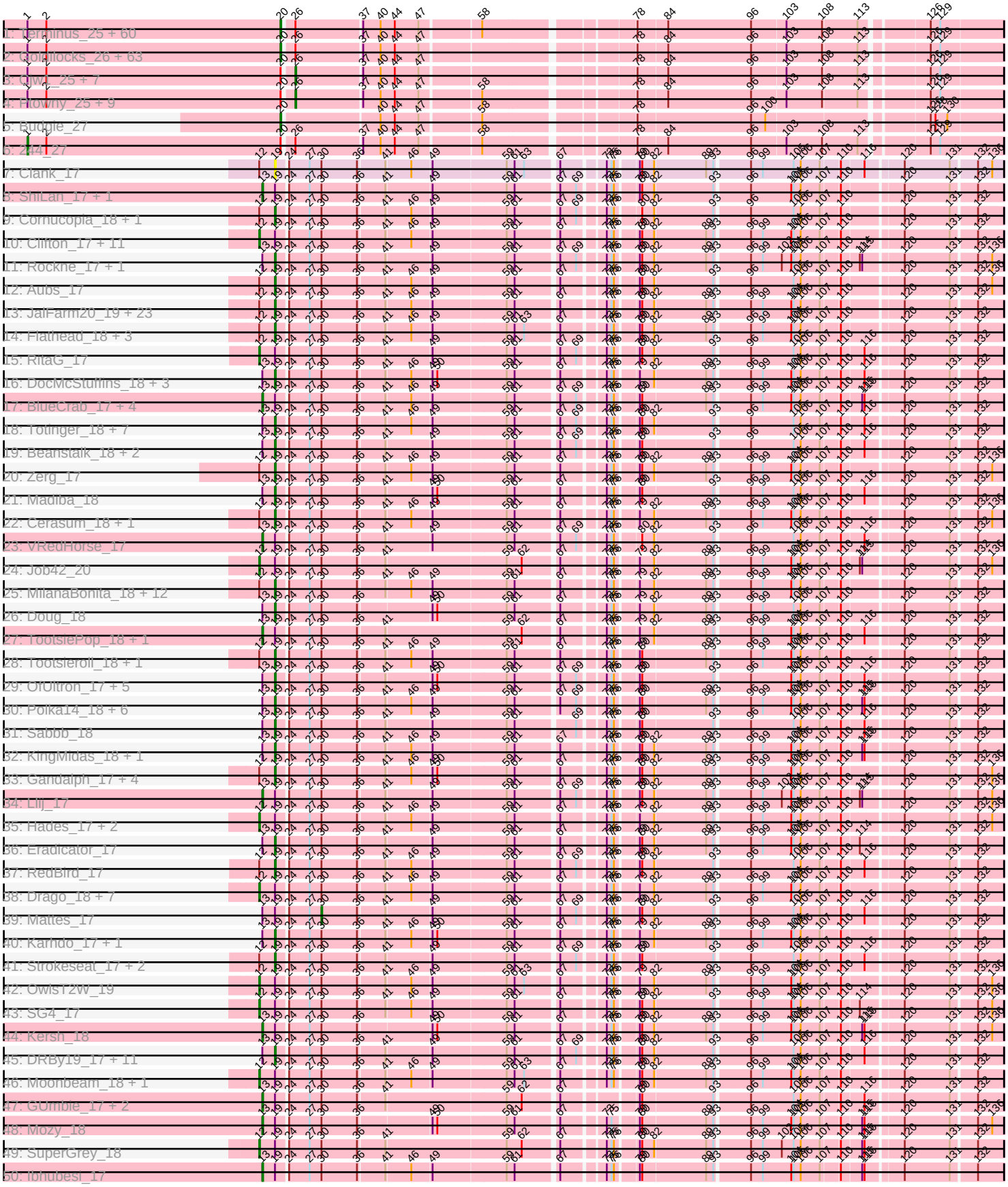
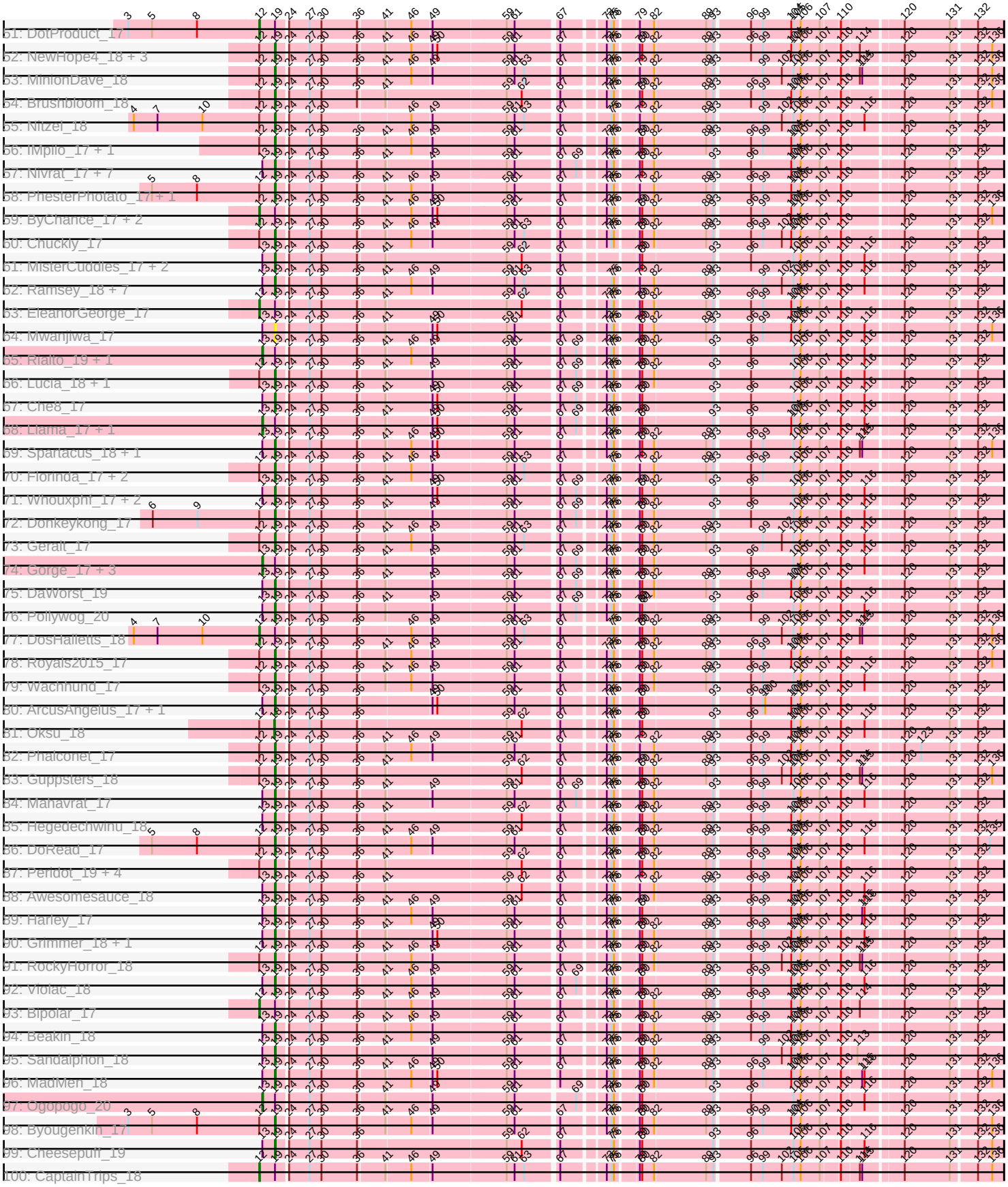
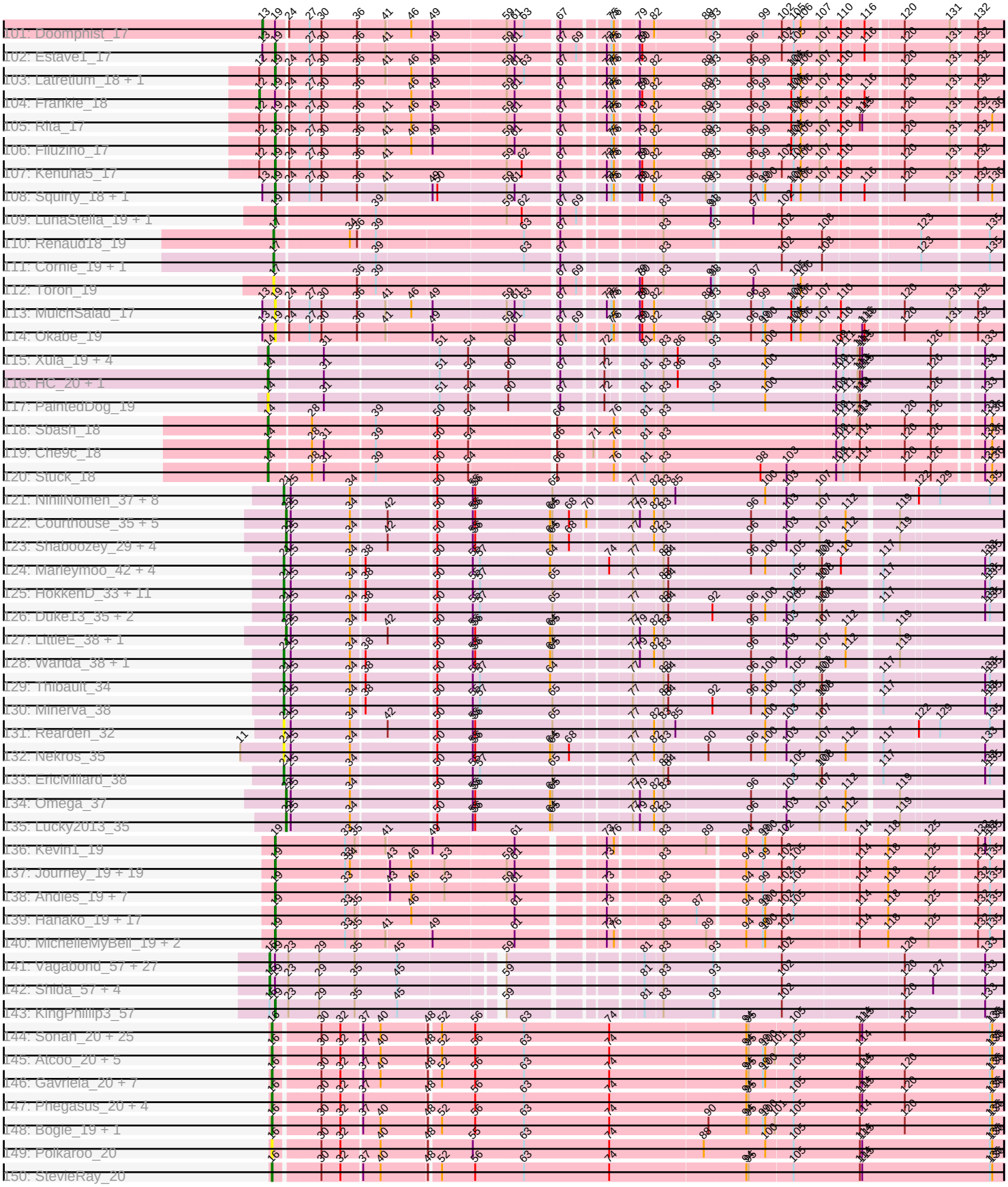
Pham 320869


1: Terminus_25 + 60
2: Goldilocks_26 + 63
3: Qiwi_25 + 7
4: Howny_25 + 9
5: Buddie_27
6: 244_27
7: Clank_17
8: ShiLan_17 + 1
9: Cornucopia_18 + 1
10: Clifton_17 + 11
11: Rockne_17 + 1
12: Aubs_17
13: JaiFarm20_19 + 23
14: Flathead_18 + 3
15: RitaG_17
16: DocMcStuffins_18 + 3
17: BlueCrab_17 + 4
18: Totinger_18 + 7
19: Beanstalk_18 + 2
20: Zerg_17
21: Madiba_18
22: Cerasum_18 + 1
23: VRedHorse_17
24: Job42_20
25: MilanaBonita_18 + 12
26: Doug_18
27: TootsiePop_18 + 1
28: Tootsieroll_18 + 1
29: OfOltron_17 + 5
30: Polka14_18 + 6
31: Sabbb_18
32: KingMidas_18 + 1
33: Gandalph_17 + 4
34: Lij_17
35: Hades_17 + 2
36: Eradicator_17
37: RedBird_17
38: Drago_18 + 7
39: Mattes_17
40: Karndo_17 + 1
41: Strokeseat_17 + 2
42: OwlsT2W_19
43: SG4_17
44: Kersh_18
45: DRBy19_17 + 11
46: Moonbeam_18 + 1
47: GOmble_17 + 2
48: Mozy_18
49: SuperGrey_18
50: Ibnubesi_17

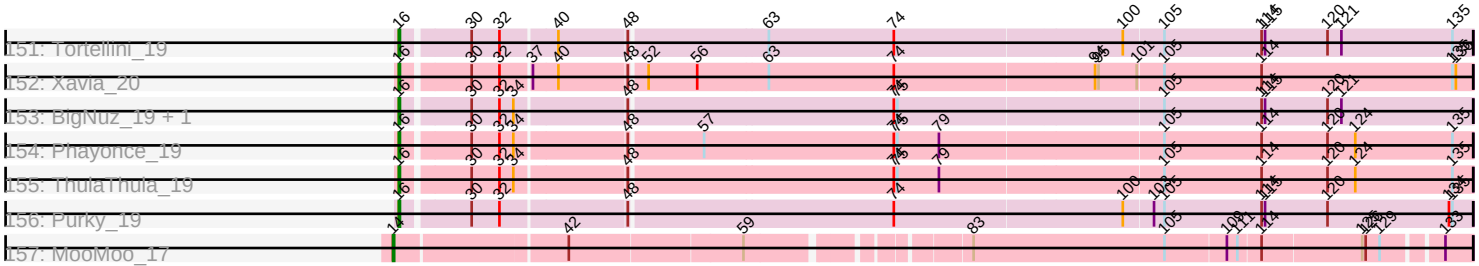
Pham 320869


51: DotProduct_17
52: NewHope4_18 + 3
53: MinionDave_18
54: Brushbloom_18
55: Nitzel_18
56: Mpilo_17 + 1
57: Nivrat_17 + 7
58: PhesterPhotato_17 + 1
59: ByChance_17 + 2
60: Chuckly_17
61: MisterCuddles_17 + 2
62: Ramsey_18 + 7
63: EleanorGeorge_17
64: Mwanjiwa_17
65: Rialto_19 + 1
66: Lucia_18 + 1
67: Che8_17
68: Llama_17 + 1
69: Spartacus_18 + 1
70: Florinda_17 + 2
71: Whouxphi_17 + 2
72: Donkeykong_17
73: Gerait_17
74: Gorge_17 + 3
75: DaWorst_19
76: Pollywog_20
77: DosHalletts_18
78: Royals2015_17
79: Wachhund_17
80: ArcusAngelus_17 + 1
81: Oksu_18
82: Phalconet_17
83: Guppsters_18
84: Manavrat_17
85: Hegedechwinu_18
86: DoRead_17
87: Peridot_19 + 4
88: Awesomesauce_18
89: Harley_17
90: Grimmer_18 + 1
91: RockyHorror_18
92: Violac_18
93: Bipolar_17
94: Beakin_18
95: Sandalphon_18
96: MadMen_18
97: Ogopogo_20
98: Byougenkin_17
99: Cheesepuff_19
100: Captainnips_18

Pham 320869


101: Doomphist_17
102: Estavel_17
103: Latretium_18 + 1
104: Frankie_18
105: Rita_17
106: Filuzino_17
107: Kenuna5_17
108: Squirty_18 + 1
109: LunaStella_19 + 1
110: Renaud18_19
111: Cornie_19 + 1
112: Toron_19
113: MulchSalad_17
114: Okabe_19
115: Xula_19 + 4
116: HC_20 + 1
117: PaintedDog_19
118: Soash_18
119: Che9c_18
120: Stuck_18
121: NihilNomen_37 + 8
122: Courthouse_35 + 5
123: Shaboozey_29 + 4
124: Marleymoo_42 + 4
125: HokkenD_33 + 11
126: Duke13_35 + 2
127: LittleE_38 + 1
128: Wanda_38 + 1
129: Thibault_34
130: Minerva_38
131: Rearden_32
132: Nekros_35
133: EricMillard_38
134: Omega_37
135: Lucky2013_35
136: Kevin1_19
137: Journey_19 + 19
138: Andies_19 + 7
139: Hanako_19 + 17
140: MichelleMyBell_19 + 2
141: Vagabond_57 + 27
142: Shida_57 + 4
143: KingPhillip3_57
144: Sonan_20 + 25
145: Atcoo_20 + 5
146: Gavriela_20 + 7
147: Phegasus_20 + 4
148: Bogie_19 + 1
149: Polkaroo_20
150: StevieRay_20

Pham 320869


151: Tortellini_19
152: Xavia_20
153: BigNuz_19 + 1
154: Phayonce_19
155: ThulaThula_19
156: Purky_19
157: MooMoo_17

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 320869 Report

This analysis was run 09/05/26 on database version 662.

Pham number 320869 has 613 members, 55 are drafts.

Phages represented in each track:
• Track 1 : Terminus_25, Brewer_25, Command613_26, HanKaySha_26, Phaja_25, TeamEdward_25, YassJohnny_26, Holt_26, HufflyPuff_24, Porky_25, Pat3_24, IHOP_25, PhatBacter_25, FairyPath_25, Lilizi_27, Cookies_25, MPhalcon_24, Murica_24, Phaux_24, Bask21_25, Balomoji_24, Filch_26, Palpatine_25, Flypotenuse_23, FireRed_25, MollyToe_25, Amao_25, NelitzaMV_25, DrDrey_26, BigBubba_26, AmericanBeauty_27, Elite2014_24, Kostya_25, Greep_26, Glexan_23, Policronamos_25, Hopey_27, Misfit_25, ChosenOne_24, DoctorDiddles_25, Henry_25, ChotaBhai_25, Simpliphy_26, Nala_25, Lilpickle_24, MISSy_24, ShamWow_25, MadamMonkfish_25, NoSleep_26, xkcd_26, Livelaughbron_25, Becksu_25, Willez_24, Nimrod_25, CrystalP_25, Mindy_25, StolenFromERC_27, Rimmer_24, Hoonter_27, GoldenSpark_27, Sassay_24
• Track 2 : Goldilocks_26, Murphy_26, Gator_23, Myrale_25, Wiggin_28, Thimble_25, Adnama_28, Marshmallow_25, SophKB_25, Teaspoon_26, Buck_24, Miniwave_25, Asriel_24, Phrux_25, Easy2Say_27, BaboJay_24, BadStone_24, Pharsalus_26, Inca_24, Gemini_28, Stark_26, Sotrice96_25, Moldemort_26, Tarkin_27, NonchalantPear_25, Contagion_24, Mosby_24, Barbarian_24, Icee_24, Czyszczon1_26, StellaBean_25, Tomaszewski_24, TBrady12_27, GooberAzure_27, Maxxinista_26, Thresher_26, Goku_25, Bruin_25, Paperbeatsrock_27, PaddyBaddy_26, Argent26_27, Pumpkin_27, Highbury_26, Manda_26, Dumbo_25, Ukulele_25, Xandras_27, Cactus_26, Bench_27, Elph10_26, Eureka_25, Dusk_24, JeTaime_27, Kimchi_27, Saints25_26, ShereKhan_27, Stank_28, Tuco_26, Emmina_26, Kanye_27, Traaww1_23, TeardropMSU_24, Lilac_27, SirDuracell_24
• Track 3 : Cjw1_25, Rakim_26, ABCat_24, RiverMonster_25, OrionPax_26, Gage_27, Quallification_26, FoghornLeghorn_24
• Track 4 : Ptowny_25, Youngblood_25, Harella_24, Petra64142_27, Bogg_25, Daikon_23, BilboSwaggins_25, Toto_25, StormChicken_25, BugsBunny_23
• Track 5 : Budgie_27
• Track 6 : 244_27
• Track 7 : Clank_17
• Track 8 : ShiLan_17, NormanBulbieJr_17
• Track 9 : Cornucopia_18, Marker_18
• Track 10 : Clifton_17, Wee_18, Boomer_18, Emma_17, Ovechkin_17, Kimberlium_19, QuickMath_18, Brocalys_17, Tweety_17, Taj_17, Fruitloop_17, Koella_17
• Track 11 : Rockne_17, PMC_17
• Track 12 : Aubs_17

• Track 13 : JalFarm20_19, LastJedi_17, Alexphander_19, Doomslug_19, Firehouse51_18, Pippy_17, Crumble_17, Minnie_18, Fancypants_17, DeadP_17, Topiatin_19, Leozinho_18, DLane_17, Maravista_17, Medindi_17, KristaRAM_18, Ms6_17, Hamulus_17, Seagreen_18, Melissauren88_17, Juice456_19, Galactic_17, Jennelsea_17, MulchExplorer_19
• Track 14 : Flathead_18, Mova_18, SassyB_17, PopTart_17
• Track 15 : RitaG_17
• Track 16 : DocMcStuffins_18, Aloeri_18, ChickenDinner_18, Piper2020_18
• Track 17 : BlueCrab_17, Pacc40_17, JoeyJr_17, Dorothy_17, Empress_18
• Track 18 : Totinger_18, LittleShirley_18, EmiMonkey_17, Emmaloid_18, Tchotchke_18, Slim_18, PhlipPhlop_17, Mantra_17
• Track 19 : Beanstalk_18, Eish_17, DillTech15_17
• Track 20 : Zerg_17
• Track 21 : Madiba_18
• Track 22 : Cerasum_18, Sarma624_18
• Track 23 : VRedHorse_17
• Track 24 : Job42_20
• Track 25 : MilanaBonita_18, UncleRicky_18, Lorde_18, Phatniss_18, Phanphagia_17, XFactor_17, Brookers_18, Plumbus_18, Enby_18, Coco12_19, DirtMcgirt_18, Kingsley_18, Akhila_18
• Track 26 : Doug_18
• Track 27 : TootsiePop_18, Misha28_18
• Track 28 : Tootsieroll_18, Radiance_17
• Track 29 : OfUltron_17, Nichirin_17, Jinglebell_16, Modragons_17, AlpineSix_17, Seabastian_17
• Track 30 : Polka14_18, Daenerys_17, IbOuu_17, PHappiness_17, OldBen_17, SimranZ1_18, DaddyRickover_17
• Track 31 : Sabbb_18
• Track 32 : KingMidas_18, Scottish_18
• Track 33 : Gandalph_17, Priscilla_17, Bubbles123_18, FreddyB_17, Cabrinians_17
• Track 34 : Llij_17
• Track 35 : Hades_17, BigPhil_18, Velveteen_18
• Track 36 : Eradicator_17
• Track 37 : RedBird_17
• Track 38 : Drago_18, Shauna1_17, Dante_17, Mutaforma13_17, MilleniumForce_18, Whatsapiecost_17, Batiatus_17, Ardmore_17
• Track 39 : Mattes_17
• Track 40 : Karhdo_17, SiSi_17
• Track 41 : Strokeseat_17, Hlubikazi_17, Mandlovu_17
• Track 42 : OwlsT2W_19
• Track 43 : SG4_17
• Track 44 : Kersh_18
• Track 45 : DRBy19_17, BobaPhett_17, SwagPigglett_17, Philus_17, TDanisky_17, Vivum_17, GigiOuiOui_17, BuzzLyseyear_19, WillSterrel_18, Sparkdehlily_17, LilMoolah_17, IrishSherpFalk_18
• Track 46 : Moonbeam_18, Bobi_19
• Track 47 : GUmbie_17, Phasih_18, Ruby_17
• Track 48 : Mozy_18
• Track 49 : SuperGrey_18
• Track 50 : Ibhubesi_17
• Track 51 : DotProduct_17
• Track 52 : NewHope4_18, Polo2Bam_19, Enzomatic_19, SeaLumen_18
• Track 53 : MinionDave_18

• Track 54 : Brushbloom_18
• Track 55 : Nitzel_18
• Track 56 : IMpilo_17, StAnnes_17
• Track 57 : Nivrat_17, Burwell21_17, Jarcob_17, Yorick_17, Martik_17, Zizzle_17, ShowerHandel_17, Lizziana_17
• Track 58 : PhesterPhotato_17, Jant_17
• Track 59 : ByChance_17, OlympiaSaint_17, Spoonbill_17
• Track 60 : Chuckly_17
• Track 61 : MisterCuddles_17, Girr_17, Veteran_17
• Track 62 : Ramsey_18, Nimbo_17, Blexus_17, Inventum_17, Stap_18, Poenanya_17, Deb65_17, Sassafras_17
• Track 63 : EleanorGeorge_17
• Track 64 : Mwanjiwa_17
• Track 65 : Rialto_19, Starcevich_18
• Track 66 : Lucia_18, Leperchaun_17
• Track 67 : Che8_17
• Track 68 : Llama_17, Ochi17_17
• Track 69 : Spartacus_18, LunaBlu_18
• Track 70 : Florinda_17, Quico_18, Girafales_18
• Track 71 : Whouxphf_17, Spikelee_18, ShroomBoi_17
• Track 72 : Donkeykong_17
• Track 73 : Geralt_17
• Track 74 : Gorge_17, James_17, Saal_17, BodEinwohner17_17
• Track 75 : DaWorst_19
• Track 76 : Pollywog_20
• Track 77 : DosHalletts_18
• Track 78 : Royals2015_17
• Track 79 : Wachhund_17
• Track 80 : ArcusAngelus_17, Chevrolet_17
• Track 81 : Oksu_18
• Track 82 : Phalconet_17
• Track 83 : Guppsters_18
• Track 84 : Mahavrat_17
• Track 85 : Hegedechwinu_18
• Track 86 : DoRead_17
• Track 87 : Peridot_19, PatoPoderoso_17, KingJulian_17, Corium_17, Fastidio_17
• Track 88 : Awesomesauce_18
• Track 89 : Harley_17
• Track 90 : Grimmer_18, Juniper1_17
• Track 91 : RockyHorror_18
• Track 92 : Violac_18
• Track 93 : Bipolar_17
• Track 94 : Beakin_18
• Track 95 : Sandalphon_18
• Track 96 : MadMen_18
• Track 97 : Ogopogo_20
• Track 98 : Byougenkin_17
• Track 99 : Cheesepuff_19
• Track 100 : CaptainTrips_18
• Track 101 : Doomphist_17
• Track 102 : Estave1_17
• Track 103 : Latretium_18, Krakatau_18
• Track 104 : Frankie_18

• Track 105 : Rita_17
• Track 106 : Filuzino_17
• Track 107 : Kenuha5_17
• Track 108 : Squirty_18, LordVader_18
• Track 109 : LunaStella_19, TChen_18
• Track 110 : Renaud18_19
• Track 111 : Cornie_19, ThetaBob_19
• Track 112 : Toron_19
• Track 113 : MulchSalad_17
• Track 114 : Okabe_19
• Track 115 : Xula_19, Brujita_20, Bluvara_20, QueenHazel_20, Island3_20
• Track 116 : HC_20, Babsiella_20
• Track 117 : PaintedDog_19
• Track 118 : Sbash_18
• Track 119 : Che9c_18
• Track 120 : Stuck_18
• Track 121 : NihilNomen_37, Dove_35, Odette_37, Ejimix_38, Bombitas_34, Yeet_36, Schatzie_35, Pound_39, Hughesyang_36
• Track 122 : Courthouse_35, MiaZeal_35, Squint_34, Ariel_35, Porcelain_34, Superphikiman_35
• Track 123 : Shaboozey_29, Nibley_30, KashFlow_29, BronnyJames_29, Hannaconda_32
• Track 124 : Marleymoo_42, Bobby_39, Constella_32, Hidrated_38, Xiaokay_35
• Track 125 : HokkenD_33, Bagrid_37, Kalah2_38, Klein_38, Dallas_39, ThreeRngTarjay_36, Redno2_36, JuicyJay_40, Halley_38, Phoebus_37, Zelink_39, Beem_38
• Track 126 : Duke13_35, Optimus_36, DmpstrDiver_36
• Track 127 : LittleE_38, Gonephishing_33
• Track 128 : Wanda_38, BAKA_35
• Track 129 : Thibault_34
• Track 130 : Minerva_38
• Track 131 : Rearden_32
• Track 132 : Nekros_35
• Track 133 : EricMillard_38
• Track 134 : Omega_37
• Track 135 : Lucky2013_35
• Track 136 : Kevin1_19
• Track 137 : Journey_19, Smurph_19, Schnauzer_19, Pipsqueaks_19, Gex_19, Carcharodon_19, EGUnicorn_19, Melville_19, Silvy_19, Charlie_19, Parmesanjohn_19, Duplicity_19, Silvafighter_19, Xerxes_19, Tortoise12_19, Philonius_19, Phloss_19, Tessdabest_18, Aggie_19, Chewbacca_19
• Track 138 : Andies_19, Bosection6_19, Fulbright_19, Scitech_19, Magsby_19, Cubone_19, Xeno_19, Tapioca_19
• Track 139 : Hanako_19, Spinach_19, Rebel_19, Redi_19, Panchino_19, PhancyPhin_19, Shweta_19, ShrimpFriedEgg_19, Snekmaggedon_19, Phrann_19, Raymond7_19, Nenae_19, Impisi_20, Jamie19_19, Purgamenstris_19, SkinnyPete_19, SpongeBob_19, BabeRuth_19
• Track 140 : MichelleMyBell_19, Butters_19, Rubeelu_19
• Track 141 : Vagabond_57, Krili_56, YoyoKar_55, YungJamal_62, Idergollasper_57, Mori_57, SchoolBus_57, Wildflower_57, Corndog_60, Dylan_57, NiebruSaylor_56, Murai_58, Schuy_58, Familton_58, Winget_58, MadKillah_58, TelAviv_54, Catdawg_57, Blessica_58, Zebo_57, Firecracker_58, JangDynasty_57, Ashwin_59, Zakhe101_57, FoulBall_57, Vorrps_57, Imara_57, Wogge42_56

• Track 142 : Shida_57, Ryadel_61, Alkhayr_57, Smooch_60, Bora_55
• Track 143 : KingPhillip3_57
• Track 144 : Sonah_20, Jung_20, Chubbello_20, Fishburne_20, Willsammy_20, Jebeks_20, Etoile_20, Zilizebeth_20, Kari_20, Juniormint_20, Techage_20, Bartholomew_20, Dynamo_20, Donovan_20, Necropolis_20, HUHilltop_20, Vidya_20, FirstPlacePfu_20, Camster_20, Ksquared_20, Phineas_20, Langerak_20, GreaseLightnin_20, Bunnies_20, Pygmy_19, GaloreK_20
• Track 145 : Atcoo_20, Bhagsy_20, Brusacoram_20, Venti_20, PeanutPie_20, Thespis_20
• Track 146 : Gavriela_20, CactusJack_20, StressBall_20, Glaske_20, Megiddo_20, KilKor_20, Phalm_20, Malithi_20
• Track 147 : Phegasus_20, BronnyJr_20, Majeke_20, Mangethe_20, Arib1_20
• Track 148 : Bogie_19, Shipwreck_19
• Track 149 : Polkaroo_20
• Track 150 : StevieRay_20
• Track 151 : Tortellini_19
• Track 152 : Xavia_20
• Track 153 : BigNuz_19, Nazo_19
• Track 154 : Phayonce_19
• Track 155 : ThulaThula_19
• Track 156 : Purky_19
• Track 157 : MooMoo_17

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

The start number called the most often in the published annotations is 19, it was called in 222 of the 558 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aggie_19, Akhila_18, Alexphander_19, Aloeri_18, AlpineSix_17, Andies_19, ArcusAngelus_17, Aubs_17, Awesomesauce_18, BabeRuth_19, Beakin_18, Beanstalk_18, Blexus_17, BobaPhett_17, Bosection6_19, Brookers_18, Brushbloom_18, Bubbles123_18, Burwell21_17, Butters_19, BuzzLyseyear_19, Byougenkin_17, Cabrinians_17, Carcharodon_19, Cerasum_18, Charlie_19, Che8_17, Cheesepuff_19, Chevrolet_17, Chewbacca_19, ChickenDinner_18, Chuckly_17, Clank_17, Coco12_19, Corium_17, Cornucopia_18, Crumble_17, Cubone_19, DLane_17, DRBy19_17, DaWorst_19, DaddyRickover_17, Daenerys_17, DeadP_17, Deb65_17, DillTech15_17, DirtMcgirt_18, DoRead_17, DocMcStuffins_18, Donkeykong_17, Doomslug_19, Doug_18, Duplicity_19, EGUnicorn_19, Eish_17, EmiMonkey_17, Emmaloid_18, Enby_18, Enzomatic_19, Eradicator_17, Estave1_17, Fancypants_17, Fastidio_17, Filuzino_17, Firehouse51_18, Flathead_18, Florinda_17, FreddyB_17, Fulbright_19, Galactic_17, Gandalph_17, Geralt_17, Gex_19, GigiOuiOui_17, Girafales_18, Girr_17, Grimmer_18, Guppsters_18, Hamulus_17, Hanako_19, Harley_17, Hegedechwinu_18, Hlubikazi_17, IMpilo_17, IbOuu_17, Impisi_20, Inventum_17, IrishSherpFalk_18, JalFarm20_19, Jamie19_19, Jant_17, Jarcob_17, Jennelsea_17, Jinglebell_16, Journey_19, Juice456_19, Juniper1_17, Karhdo_17, Kenuha5_17, Kevin1_19, KingJulian_17, KingMidas_18, KingPhillip3_57, Kingsley_18, Krakatau_18, KristaRAM_18, LastJedi_17, Latretium_18, Leozinho_18, Leperchaun_17, LilMoolah_17, LittleShirley_18, Lizziana_17, LordVader_18,

Lorde_18, Lucia_18, LunaBlu_18, LunaStella_19, MadMen_18, Madiba_18, Magsby_19, Mahavrat_17, Mandlovu_17, Mantra_17, Maravista_17, Marker_18, Martik_17, Medindi_17, Melissauren88_17, Melville_19, MichelleMyBell_19, MilanaBonita_18, MinionDave_18, Minnie_18, MisterCuddles_17, Modragons_17, Mova_18, Ms6_17, MulchExplorer_19, MulchSalad_17, Mwanjiwa_17, Nenae_19, NewHope4_18, Nichirin_17, Nimbo_17, Nitzel_18, Nivrat_17, OfUltron_17, Okabe_19, OldBen_17, PHappiness_17, PMC_17, Panchino_19, Parmesanjohn_19, PatoPoderoso_17, Peridot_19, Phalconet_17, PhancyPhin_19, Phanphagia_17, Phatniss_18, PhesterPhotato_17, Philonius_19, Philus_17, PhlipPhlop_17, Phloss_19, Phrann_19, Piper2020_18, Pippy_17, Pipsqueaks_19, Plumbus_18, Poenanya_17, Polka14_18, Pollywog_20, Polo2Bam_19, PopTart_17, Priscilla_17, Purgamenstris_19, Quico_18, Radiance_17, Ramsey_18, Raymond7_19, Rebel_19, RedBird_17, Redi_19, Rita_17, Rockne_17, RockyHorror_18, Royals2015_17, Rubeelu_19, Sabbb_18, Sandalphon_18, Sarma624_18, Sassafras_17, SassyB_17, Schnauzer_19, Scitech_19, Scottish_18, SeaLumen_18, Seabastian_17, Seagreen_18, ShowerHandel_17, ShrimpFriedEgg_19, ShroomBoi_17, Shweta_19, SiSi_17, Silvafighter_19, Silvy_19, SimranZ1_18, SkinnyPete_19, Slim_18, Smurph_19, Snekmaggedon_19, Sparkdehlily_17, Spartacus_18, Spikelee_18, Spinach_19, SpongeBob_19, Squirty_18, StAnnes_17, Stap_18, Strokeseat_17, SwagPigglett_17, TChen_18, TDanisky_17, Tapioca_19, Tchotchke_18, Tessdabest_18, Tootsieroll_18, Topiatin_19, Tortoise12_19, Totinger_18, UncleRicky_18, Veteran_17, Violac_18, Vivum_17, Wachhund_17, Whouxphf_17, WillSterrel_18, XFactor_17, Xeno_19, Xerxes_19, Yorick_17, Zerg_17, Zizzle_17,

Genes that have the "Most Annotated" start but do not call it:
• Alkhayr_57, Ardmore_17, Ashwin_59, Batiatus_17, BigPhil_18, Bipolar_17, Blessica_58, BlueCrab_17, Bobi_19, BodEinwohner17_17, Boomer_18, Bora_55, Brocalys_17, ByChance_17, CaptainTrips_18, Catdawg_57, Clifton_17, Corndog_60, Dante_17, Doomphist_17, Dorothy_17, DosHalletts_18, DotProduct_17, Drago_18, Dylan_57, EleanorGeorge_17, Emma_17, Empress_18, Familton_58, Firecracker_58, FoulBall_57, Frankie_18, Fruitloop_17, GUmbie_17, Gorge_17, Hades_17, Ibhubesi_17, Idergollasper_57, Imara_57, James_17, JangDynasty_57, Job42_20, JoeyJr_17, Kersh_18, Kimberlium_19, Koella_17, Krili_56, Llama_17, Llij_17, MadKillah_58, Mattes_17, MilleniumForce_18, Misha28_18, Moonbeam_18, Mori_57, Mozy_18, Murai_58, Mutaforma13_17, NiebruSaylor_56, NormanBulbieJr_17, Ochi17_17, Ogopogo_20, OlympiaSaint_17, Ovechkin_17, OwlsT2W_19, Pacc40_17, Phasih_18, QuickMath_18, Rialto_19, RitaG_17, Ruby_17, Ryadel_61, SG4_17, Saal_17, SchoolBus_57, Schuy_58, Shauna1_17, ShiLan_17, Shida_57, Smooch_60, Spoonbill_17, Starcevich_18, SuperGrey_18, Taj_17, TelAviv_54, TootsiePop_18, Tweety_17, VRedHorse_17, Vagabond_57, Velveteen_18, Vorrps_57, Wee_18, Whatsapiecost_17, Wildflower_57, Winget_58, Wogge42_56, YoyoKar_55, YungJamal_62, Zakhe101_57, Zebo_57,

Genes that do not have the "Most Annotated" start:
• 244_27, ABCat_24, Adnama_28, Amao_25, AmericanBeauty_27, Argent26_27, Arib1_20, Ariel_35, Asriel_24, Atcoo_20, BAKA_35, BaboJay_24, Babsiella_20, BadStone_24, Bagrid_37, Balomoji_24, Barbarian_24, Bartholomew_20, Bask21_25, Becksu_25, Beem_38, Bench_27, Bhagsy_20, BigBubba_26, BigNuz_19, BilboSwaggins_25, Bluvara_20, Bobby_39, Bogg_25, Bogie_19, Bombitas_34, Brewer_25, BronnyJames_29, BronnyJr_20, Bruin_25, Brujita_20, Brusacoram_20, Buck_24, Budgie_27, BugsBunny_23, Bunnies_20, CactusJack_20, Cactus_26, Camster_20, Che9c_18, ChosenOne_24, ChotaBhai_25, Chubbello_20, Cjw1_25, Command613_26, Constella_32, Contagion_24, Cookies_25, Cornie_19,

Courthouse_35, CrystalP_25, Czyszczon1_26, Daikon_23, Dallas_39, DmpstrDiver_36, DoctorDiddles_25, Donovan_20, Dove_35, DrDrey_26, Duke13_35, Dumbo_25, Dusk_24, Dynamo_20, Easy2Say_27, Ejimix_38, Elite2014_24, Elph10_26, Emmina_26, EricMillard_38, Etoile_20, Eureka_25, FairyPath_25, Filch_26, FireRed_25, FirstPlacePfu_20, Fishburne_20, Flypotenuse_23, FoghornLeghorn_24, Gage_27, GaloreK_20, Gator_23, Gavriela_20, Gemini_28, Glaske_20, Glexan_23, Goku_25, GoldenSpark_27, Goldilocks_26, Gonephishing_33, GooberAzure_27, GreaseLightnin_20, Greep_26, HC_20, HUHilltop_20, Halley_38, HanKaySha_26, Hannaconda_32, Harella_24, Henry_25, Hidrated_38, Highbury_26, HokkenD_33, Holt_26, Hoonter_27, Hopey_27, HufflyPuff_24, Hughesyang_36, IHOP_25, Icee_24, Inca_24, Island3_20, JeTaime_27, Jebeks_20, JuicyJay_40, Jung_20, Juniormint_20, Kalah2_38, Kanye_27, Kari_20, KashFlow_29, KilKor_20, Kimchi_27, Klein_38, Kostya_25, Ksquared_20, Langerak_20, Lilac_27, Lilizi_27, Lilpickle_24, LittleE_38, Livelaughbron_25, Lucky2013_35, MISSy_24, MPhalcon_24, MadamMonkfish_25, Majeke_20, Malithi_20, Manda_26, Mangethe_20, Marleymoo_42, Marshmallow_25, Maxxinista_26, Megiddo_20, MiaZeal_35, Mindy_25, Minerva_38, Miniwave_25, Misfit_25, Moldemort_26, MollyToe_25, MooMoo_17, Mosby_24, Murica_24, Murphy_26, Myrale_25, Nala_25, Nazo_19, Necropolis_20, Nekros_35, NelitzaMV_25, Nibley_30, NihilNomen_37, Nimrod_25, NoSleep_26, NonchalantPear_25, Odette_37, Oksu_18, Omega_37, Optimus_36, OrionPax_26, PaddyBaddy_26, PaintedDog_19, Palpatine_25, Paperbeatsrock_27, Pat3_24, PeanutPie_20, Petra64142_27, Phaja_25, Phalm_20, Pharsalus_26, PhatBacter_25, Phaux_24, Phayonce_19, Phegasus_20, Phineas_20, Phoebus_37, Phrux_25, Policronamos_25, Polkaroo_20, Porcelain_34, Porky_25, Pound_39, Ptowny_25, Pumpkin_27, Purky_19, Pygmy_19, Quallification_26, QueenHazel_20, Rakim_26, Rearden_32, Redno2_36, Renaud18_19, Rimmer_24, RiverMonster_25, Saints25_26, Sassay_24, Sbash_18, Schatzie_35, Shaboozey_29, ShamWow_25, ShereKhan_27, Shipwreck_19, Simpliphy_26, SirDuracell_24, Sonah_20, SophKB_25, Sotrice96_25, Squint_34, Stank_28, Stark_26, StellaBean_25, StevieRay_20, StolenFromERC_27, StormChicken_25, StressBall_20, Stuck_18, Superphikiman_35, TBrady12_27, Tarkin_27, TeamEdward_25, TeardropMSU_24, Teaspoon_26, Techage_20, Terminus_25, Thespis_20, ThetaBob_19, Thibault_34, Thimble_25, ThreeRngTarjay_36, Thresher_26, ThulaThula_19, Tomaszewski_24, Toron_19, Tortellini_19, Toto_25, Traaww1_23, Tuco_26, Ukulele_25, Venti_20, Vidya_20, Wanda_38, Wiggin_28, Willez_24, Willsammy_20, Xandras_27, Xavia_20, Xiaokay_35, Xula_19, YassJohnny_26, Yeet_36, Youngblood_25, Zelink_39, Zilizebeth_20, xkcd_26,

Summary by start number:

Start 1:
• Found in 144 of 613 (23.5%) of genes in pham
• Manual Annotations of this start: 1 of 558
• Called 0.7% of time when present
• Phage (with cluster) where this start called: 244_27 (E),

Start 12:
• Found in 135 of 613 (22.0%) of genes in pham
• Manual Annotations of this start: 38 of 558
• Called 28.9% of time when present
• Phage (with cluster) where this start called: Ardmore_17 (F1), Batiatus_17 (F1), BigPhil_18 (F1), Bipolar_17 (F1), Bobi_19 (F1), Boomer_18 (F1), Brocalys_17 (F1),

ByChance_17 (F1), CaptainTrips_18 (F1), Clifton_17 (F1), Dante_17 (F1), DosHalletts_18 (F1), DotProduct_17 (F1), Drago_18 (F1), EleanorGeorge_17 (F1), Emma_17 (F1), Frankie_18 (F1), Fruitloop_17 (F1), Hades_17 (F1), Job42_20 (F1), Kimberlium_19 (F1), Koella_17 (F1), MilleniumForce_18 (F1), Moonbeam_18 (F1), Mutaforma13_17 (F1), OlympiaSaint_17 (F1), Ovechkin_17 (F1), OwlsT2W_19 (F1), QuickMath_18 (F1), RitaG_17 (F1), SG4_17 (F1), Shauna1_17 (F1), Spoonbill_17 (F1), SuperGrey_18 (F1), Taj_17 (F1), Tweety_17 (F1), Velveteen_18 (F1), Wee_18 (F1), Whatsapiecost_17 (F1),

Start 13:
• Found in 124 of 613 (20.2%) of genes in pham
• Manual Annotations of this start: 27 of 558
• Called 21.8% of time when present
• Phage (with cluster) where this start called: BlueCrab_17 (F1), BodEinwohner17_17 (F1), Doomphist_17 (F1), Dorothy_17 (F1), Empress_18 (F1), GUmbie_17 (F1), Gorge_17 (F1), Ibhubesi_17 (F1), James_17 (F1), JoeyJr_17 (F1), Kersh_18 (F1), Llama_17 (F1), Llij_17 (F1), Misha28_18 (F1), Mozy_18 (F1), NormanBulbieJr_17 (F1), Ochi17_17 (F1), Ogopogo_20 (F1), Pacc40_17 (F1), Phasih_18 (F1), Rialto_19 (F1), Ruby_17 (F1), Saal_17 (F1), ShiLan_17 (F1), Starcevich_18 (F1), TootsiePop_18 (F1), VRedHorse_17 (F1),

Start 14:
• Found in 12 of 613 (2.0%) of genes in pham
• Manual Annotations of this start: 10 of 558
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Babsiella_20 (I1), Bluvara_20 (I3), Brujita_20 (I1), Che9c_18 (I2), HC_20 (I1), Island3_20 (I1), MooMoo_17 (singleton), PaintedDog_19 (I1), QueenHazel_20 (I1), Sbash_18 (I2), Stuck_18 (I2), Xula_19 (I1),

Start 15:
• Found in 34 of 613 (5.5%) of genes in pham
• Manual Annotations of this start: 31 of 558
• Called 97.1% of time when present
• Phage (with cluster) where this start called: Alkhayr_57 (O), Ashwin_59 (O), Blessica_58 (O), Bora_55 (O), Catdawg_57 (O), Corndog_60 (O), Dylan_57 (O), Familton_58 (O), Firecracker_58 (O), FoulBall_57 (O), Idergollasper_57 (O), Imara_57 (O), JangDynasty_57 (O), Krili_56 (O), MadKillah_58 (O), Mori_57 (O), Murai_58 (O), NiebruSaylor_56 (O), Ryadel_61 (O), SchoolBus_57 (O), Schuy_58 (O), Shida_57 (O), Smooch_60 (O), TelAviv_54 (O), Vagabond_57 (O), Vorrps_57 (O), Wildflower_57 (O), Winget_58 (O), Wogge42_56 (O), YoyoKar_55 (O), YungJamal_62 (O), Zakhe101_57 (O), Zebo_57 (O),

Start 16:
• Found in 56 of 613 (9.1%) of genes in pham
• Manual Annotations of this start: 50 of 558
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Arib1_20 (P1), Atcoo_20 (P1), Bartholomew_20 (P1), Bhagsy_20 (P1), BigNuz_19 (P4), Bogie_19 (P1), BronnyJr_20 (P1), Brusacoram_20 (P1), Bunnies_20 (P1), CactusJack_20 (P1), Camster_20 (P1), Chubbello_20 (P1), Donovan_20 (P1), Dynamo_20 (P1), Etoile_20 (P1), FirstPlacePfu_20 (P1), Fishburne_20 (P1), GaloreK_20 (P1), Gavriela_20 (P1), Glaske_20 (P1), GreaseLightnin_20 (P1), HUHilltop_20 (P1), Jebeks_20 (P1), Jung_20 (P1), Juniormint_20 (P1), Kari_20 (P1), KilKor_20 (P1), Ksquared_20 (P1),

Langerak_20 (P1), Majeke_20 (P1), Malithi_20 (P1), Mangethe_20 (P1), Megiddo_20 (P1), Nazo_19 (P4), Necropolis_20 (P1), PeanutPie_20 (P1), Phalm_20 (P1), Phayonce_19 (P5), Phegasus_20 (P1), Phineas_20 (P1), Polkaroo_20 (P1), Purky_19 (P6), Pygmy_19 (P1), Shipwreck_19 (P1), Sonah_20 (P1), StevieRay_20 (P1), StressBall_20 (P1), Techage_20 (P1), Thespis_20 (P1), ThulaThula_19 (P5), Tortellini_19 (P2), Venti_20 (P1), Vidya_20 (P1), Willsammy_20 (P1), Xavia_20 (P3), Zilizebeth_20 (P1),

Start 17:
• Found in 4 of 613 (0.7%) of genes in pham
• Manual Annotations of this start: 3 of 558
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cornie_19 (F5), Renaud18_19 (F4), ThetaBob_19 (F4), Toron_19 (F6),

Start 18:
• Found in 1 of 613 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 558
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Oksu_18 (F1),

Start 19:
• Found in 344 of 613 (56.1%) of genes in pham
• Manual Annotations of this start: 222 of 558
• Called 70.9% of time when present
• Phage (with cluster) where this start called: Aggie_19 (N), Akhila_18 (F1), Alexphander_19 (F1), Aloeri_18 (F1), AlpineSix_17 (F1), Andies_19 (N), ArcusAngelus_17 (F1), Aubs_17 (F1), Awesomesauce_18 (F1), BabeRuth_19 (N), Beakin_18 (F1), Beanstalk_18 (F1), Blexus_17 (F1), BobaPhett_17 (F1), Bosection6_19 (N), Brookers_18 (F1), Brushbloom_18 (F1), Bubbles123_18 (F1), Burwell21_17 (F1), Butters_19 (N), BuzzLyseyear_19 (F1), Byougenkin_17 (F1), Cabrinians_17 (F1), Carcharodon_19 (N), Cerasum_18 (F1), Charlie_19 (N), Che8_17 (F1), Cheesepuff_19 (F1), Chevrolet_17 (F1), Chewbacca_19 (N), ChickenDinner_18 (F1), Chuckly_17 (F1), Clank_17 (F), Coco12_19 (F1), Corium_17 (F1), Cornucopia_18 (F1), Crumble_17 (F1), Cubone_19 (N), DLane_17 (F1), DRBy19_17 (F1), DaWorst_19 (F1), DaddyRickover_17 (F1), Daenerys_17 (F1), DeadP_17 (F1), Deb65_17 (F1), DillTech15_17 (F1), DirtMcgirt_18 (F1), DoRead_17 (F1), DocMcStuffins_18 (F1), Donkeykong_17 (F1), Doomslug_19 (F), Doug_18 (F1), Duplicity_19 (N), EGUnicorn_19 (N), Eish_17 (F1), EmiMonkey_17 (F1), Emmaloid_18 (F1), Enby_18 (F1), Enzomatic_19 (F1), Eradicator_17 (F1), Estave1_17 (F1), Fancypants_17 (F1), Fastidio_17 (F1), Filuzino_17 (F1), Firehouse51_18 (F1), Flathead_18 (F1), Florinda_17 (F1), FreddyB_17 (F1), Fulbright_19 (N), Galactic_17 (F1), Gandalph_17 (F1), Geralt_17 (F1), Gex_19 (N), GigiOuiOui_17 (F1), Girafales_18 (F1), Girr_17 (F1), Grimmer_18 (F1), Guppsters_18 (F1), Hamulus_17 (F1), Hanako_19 (N), Harley_17 (F1), Hegedechwinu_18 (F1), Hlubikazi_17 (F1), IMpilo_17 (F1), IbOuu_17 (F1), Impisi_20 (N), Inventum_17 (F1), IrishSherpFalk_18 (F1), JalFarm20_19 (F1), Jamie19_19 (N), Jant_17 (F1), Jarcob_17 (F1), Jennelsea_17 (F1), Jinglebell_16 (F1), Journey_19 (N), Juice456_19 (F1), Juniper1_17 (F1), Karhdo_17 (F1), Kenuha5_17 (F1), Kevin1_19 (N), KingJulian_17 (F1), KingMidas_18 (F1), KingPhillip3_57 (O), Kingsley_18 (F1), Krakatau_18 (F1), KristaRAM_18 (F1), LastJedi_17 (F1), Latretium_18 (F1), Leozinho_18 (F1), Leperchaun_17 (F1), LilMoolah_17 (F1), LittleShirley_18 (F1), Lizziana_17 (F1), LordVader_18 (F), Lorde_18 (F1), Lucia_18 (F1), LunaBlu_18 (F1),

LunaStella_19 (F4), MadMen_18 (F1), Madiba_18 (F1), Magsby_19 (N), Mahavrat_17 (F1), Mandlovu_17 (F1), Mantra_17 (F1), Maravista_17 (F1), Marker_18 (F1), Martik_17 (F1), Medindi_17 (F1), Melissauren88_17 (F1), Melville_19 (N), MichelleMyBell_19 (N), MilanaBonita_18 (F1), MinionDave_18 (F1), Minnie_18 (F1), MisterCuddles_17 (F1), Modragons_17 (F1), Mova_18 (F1), Ms6_17 (F1), MulchExplorer_19 (F1), MulchSalad_17 (F7), Mwanjiwa_17 (F1), Nenae_19 (N), NewHope4_18 (F1), Nichirin_17 (F1), Nimbo_17 (F1), Nitzel_18 (F1), Nivrat_17 (F1), OfUltron_17 (F1), Okabe_19 (F8), OldBen_17 (F1), PHappiness_17 (F1), PMC_17 (F1), Panchino_19 (N), Parmesanjohn_19 (N), PatoPoderoso_17 (F1), Peridot_19 (F1), Phalconet_17 (F1), PhancyPhin_19 (N), Phanphagia_17 (F1), Phatniss_18 (F1), PhesterPhotato_17 (F1), Philonius_19 (N), Philus_17 (F1), PhlipPhlop_17 (F1), Phloss_19 (N), Phrann_19 (N), Piper2020_18 (F1), Pippy_17 (F1), Pipsqueaks_19 (N), Plumbus_18 (F1), Poenanya_17 (F1), Polka14_18 (F1), Pollywog_20 (F1), Polo2Bam_19 (F1), PopTart_17 (F1), Priscilla_17 (F1), Purgamenstris_19 (N), Quico_18 (F1), Radiance_17 (F1), Ramsey_18 (F1), Raymond7_19 (N), Rebel_19 (N), RedBird_17 (F1), Redi_19 (N), Rita_17 (F1), Rockne_17 (F1), RockyHorror_18 (F1), Royals2015_17 (F1), Rubeelu_19 (N), Sabbb_18 (F1), Sandalphon_18 (F1), Sarma624_18 (F1), Sassafras_17 (F1), SassyB_17 (F1), Schnauzer_19 (N), Scitech_19 (N), Scottish_18 (F1), SeaLumen_18 (F1), Seabastian_17 (F1), Seagreen_18 (F1), ShowerHandel_17 (F1), ShrimpFriedEgg_19 (N), ShroomBoi_17 (F1), Shweta_19 (N), SiSi_17 (F1), Silvafighter_19 (N), Silvy_19 (N), SimranZ1_18 (F1), SkinnyPete_19 (N), Slim_18 (F1), Smurph_19 (N), Snekmaggedon_19 (N), Sparkdehlily_17 (F1), Spartacus_18 (F1), Spikelee_18 (F1), Spinach_19 (N), SpongeBob_19 (N), Squirty_18 (F3), StAnnes_17 (F1), Stap_18 (F1), Strokeseat_17 (F1), SwagPigglett_17 (F1), TChen_18 (F4), TDanisky_17 (F1), Tapioca_19 (N), Tchotchke_18 (F1), Tessdabest_18 (N), Tootsieroll_18 (F1), Topiatin_19 (F1), Tortoise12_19 (N), Totinger_18 (F1), UncleRicky_18 (F1), Veteran_17 (F1), Violac_18 (F1), Vivum_17 (F1), Wachhund_17 (F1), Whouxphf_17 (F1), WillSterrel_18 (F1), XFactor_17 (F1), Xeno_19 (N), Xerxes_19 (N), Yorick_17 (F1), Zerg_17 (F1), Zizzle_17 (F1),

Start 20:
• Found in 145 of 613 (23.7%) of genes in pham
• Manual Annotations of this start: 122 of 558
• Called 86.9% of time when present
• Phage (with cluster) where this start called: Adnama_28 (E), Amao_25 (E), AmericanBeauty_27 (E), Argent26_27 (E), Asriel_24 (E), BaboJay_24 (E), BadStone_24 (E), Balomoji_24 (E), Barbarian_24 (E), Bask21_25 (E), Becksu_25 (E), Bench_27 (E), BigBubba_26 (E), Brewer_25 (E), Bruin_25 (E), Buck_24 (E), Budgie_27 (E), Cactus_26 (E), ChosenOne_24 (E), ChotaBhai_25 (E), Command613_26 (E), Contagion_24 (E), Cookies_25 (E), CrystalP_25 (E), Czyszczon1_26 (E), DoctorDiddles_25 (E), DrDrey_26 (E), Dumbo_25 (E), Dusk_24 (E), Easy2Say_27 (E), Elite2014_24 (E), Elph10_26 (E), Emmina_26 (E), Eureka_25 (E), FairyPath_25 (E), Filch_26 (E), FireRed_25 (E), Flypotenuse_23 (E), Gator_23 (E), Gemini_28 (E), Glexan_23 (E), Goku_25 (E), GoldenSpark_27 (E), Goldilocks_26 (E), GooberAzure_27 (E), Greep_26 (E), HanKaySha_26 (E), Henry_25 (E), Highbury_26 (E), Holt_26 (E), Hoonter_27 (E), Hopey_27 (E), HufflyPuff_24 (E), IHOP_25 (E), Icee_24 (E), Inca_24 (E), JeTaime_27 (E), Kanye_27 (E), Kimchi_27 (E), Kostya_25 (E), Lilac_27 (E), Lilizi_27 (E), Lilpickle_24 (E), Livelaughbron_25 (E), MISSy_24 (E), MPhalcon_24 (E), MadamMonkfish_25 (E), Manda_26 (E), Marshmallow_25 (E), Maxxinista_26 (E), Mindy_25 (E), Miniwave_25 (E), Misfit_25 (E), Moldemort_26 (E), MollyToe_25 (E), Mosby_24 (E), Murica_24 (E), Murphy_26 (E), Myrale_25 (E), Nala_25 (E), NelitzaMV_25 (E), Nimrod_25 (E), NoSleep_26 (E),

NonchalantPear_25 (E), PaddyBaddy_26 (E), Palpatine_25 (E), Paperbeatsrock_27 (E), Pat3_24 (E), Phaja_25 (E), Pharsalus_26 (E), PhatBacter_25 (E), Phaux_24 (E), Phrux_25 (E), Policronamos_25 (E), Porky_25 (E), Pumpkin_27 (E), Rimmer_24 (E), Saints25_26 (E), Sassay_24 (E), ShamWow_25 (E), ShereKhan_27 (E), Simpliphy_26 (E), SirDuracell_24 (E), SophKB_25 (E), Sotrice96_25 (E), Stank_28 (E), Stark_26 (E), StellaBean_25 (E), StolenFromERC_27 (E), TBrady12_27 (E), Tarkin_27 (E), TeamEdward_25 (E), TeardropMSU_24 (E), Teaspoon_26 (E), Terminus_25 (E), Thimble_25 (E), Thresher_26 (E), Tomaszewski_24 (E), Traaww1_23 (E), Tuco_26 (E), Ukulele_25 (E), Wiggin_28 (E), Willez_24 (E), Xandras_27 (E), YassJohnny_26 (E), xkcd_26 (E),

Start 21:
• Found in 36 of 613 (5.9%) of genes in pham
• Manual Annotations of this start: 30 of 558
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BAKA_35 (J), Bagrid_37 (J), Beem_38 (J), Bobby_39 (J), Bombitas_34 (J), Constella_32 (J), Dallas_39 (J), DmpstrDiver_36 (J), Dove_35 (J), Duke13_35 (J), Ejimix_38 (J), EricMillard_38 (J), Halley_38 (J), Hidrated_38 (J), HokkenD_33 (J), Hughesyang_36 (J), JuicyJay_40 (J), Kalah2_38 (J), Klein_38 (J), Marleymoo_42 (J), Minerva_38 (J), Nekros_35 (J), NihilNomen_37 (J), Odette_37 (J), Optimus_36 (J), Phoebus_37 (J), Pound_39 (J), Rearden_32 (J), Redno2_36 (J), Schatzie_35 (J), Thibault_34 (J), ThreeRngTarjay_36 (J), Wanda_38 (J), Xiaokay_35 (J), Yeet_36 (J), Zelink_39 (J),

Start 22:
• Found in 15 of 613 (2.4%) of genes in pham
• Manual Annotations of this start: 11 of 558
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ariel_35 (J), BronnyJames_29 (J), Courthouse_35 (J), Gonephishing_33 (J), Hannaconda_32 (J), KashFlow_29 (J), LittleE_38 (J), Lucky2013_35 (J), MiaZeal_35 (J), Nibley_30 (J), Omega_37 (J), Porcelain_34 (J), Shaboozey_29 (J), Squint_34 (J), Superphikiman_35 (J),

Start 26:
• Found in 144 of 613 (23.5%) of genes in pham
• Manual Annotations of this start: 11 of 558
• Called 12.5% of time when present
• Phage (with cluster) where this start called: ABCat_24 (E), BilboSwaggins_25 (E), Bogg_25 (E), BugsBunny_23 (E), Cjw1_25 (E), Daikon_23 (E), FoghornLeghorn_24 (E), Gage_27 (E), Harella_24 (E), OrionPax_26 (E), Petra64142_27 (E), Ptowny_25 (E), Quallification_26 (E), Rakim_26 (E), RiverMonster_25 (E), StormChicken_25 (E), Toto_25 (E), Youngblood_25 (E),

Start 30:
• Found in 315 of 613 (51.4%) of genes in pham
• Manual Annotations of this start: 1 of 558
• Called 0.3% of time when present
• Phage (with cluster) where this start called: Mattes_17 (F1),

Summary by clusters:

There are 22 clusters represented in this pham: singleton, I2, P6, I1, I3, P5, P2, P3, P1, E, P4, F, J, O, N, F1, F3, F4, F5, F6, F7, F8,

Info for manual annotations of cluster E:
•Start number 1 was manually annotated 1 time for cluster E.
•Start number 20 was manually annotated 122 times for cluster E.
•Start number 26 was manually annotated 11 times for cluster E.

Info for manual annotations of cluster F:
•Start number 19 was manually annotated 1 time for cluster F.

Info for manual annotations of cluster F1:
•Start number 12 was manually annotated 38 times for cluster F1.
•Start number 13 was manually annotated 27 times for cluster F1.
•Start number 18 was manually annotated 1 time for cluster F1.
•Start number 19 was manually annotated 171 times for cluster F1.
•Start number 30 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F3:
•Start number 19 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:
•Start number 17 was manually annotated 2 times for cluster F4.
•Start number 19 was manually annotated 2 times for cluster F4.

Info for manual annotations of cluster F5:
•Start number 17 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster I1:
•Start number 14 was manually annotated 6 times for cluster I1.

Info for manual annotations of cluster I2:
•Start number 14 was manually annotated 3 times for cluster I2.

Info for manual annotations of cluster J:
•Start number 21 was manually annotated 30 times for cluster J.
•Start number 22 was manually annotated 11 times for cluster J.

Info for manual annotations of cluster N:
•Start number 19 was manually annotated 46 times for cluster N.

Info for manual annotations of cluster O:
•Start number 15 was manually annotated 31 times for cluster O.
•Start number 19 was manually annotated 1 time for cluster O.

Info for manual annotations of cluster P1:
•Start number 16 was manually annotated 43 times for cluster P1.

Info for manual annotations of cluster P2:
•Start number 16 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:
•Start number 16 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:
•Start number 16 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:
•Start number 16 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:
•Start number 16 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: 244_27 Start: 21393, Stop: 22547, Start Num: 1
Candidate Starts for 244_27:
(Start: 1 @21393 has 1 MA's), (2, 21417), (Start: 20 @21714 has 122 MA's), (Start: 26 @21726 has 11 MA's), (37, 21807), (40, 21828), (44, 21846), (47, 21876), (58, 21945), (78, 22113), (84, 22149), (96, 22254), (103, 22296), (108, 22341), (113, 22383), (126, 22458), (129, 22470),

Gene: ABCat_24 Start: 21445, Stop: 22266, Start Num: 26
Candidate Starts for ABCat_24:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: Adnama_28 Start: 21941, Stop: 22774, Start Num: 20
Candidate Starts for Adnama_28:
(Start: 1 @21620 has 1 MA's), (2, 21644), (Start: 20 @21941 has 122 MA's), (Start: 26 @21953 has 11 MA's), (37, 22034), (40, 22055), (44, 22073), (47, 22103), (78, 22340), (84, 22376), (96, 22481), (103, 22523), (108, 22568), (113, 22610), (126, 22685), (129, 22697),

Gene: Aggie_19 Start: 16715, Stop: 17557, Start Num: 19
Candidate Starts for Aggie_19:
(Start: 19 @16715 has 222 MA's), (33, 16802), (34, 16808), (43, 16850), (46, 16877), (53, 16916), (59, 16991), (61, 17000), (73, 17093), (83, 17153), (94, 17249), (99, 17270), (102, 17294), (105, 17309), (114, 17384), (118, 17420), (125, 17471), (132, 17528), (135, 17543),

Gene: Akhila_18 Start: 17240, Stop: 18070, Start Num: 19
Candidate Starts for Akhila_18:
(Start: 12 @17222 has 38 MA's), (Start: 19 @17240 has 222 MA's), (24, 17252), (27, 17276), (Start: 30 @17291 has 1 MA's), (36, 17336), (41, 17366), (46, 17396), (49, 17420), (59, 17510), (61, 17519), (67, 17567), (73, 17612), (75, 17618), (76, 17621), (79, 17645), (82, 17663), (89, 17726), (93, 17735), (96, 17774), (99, 17789), (104, 17825), (105, 17828), (106, 17837), (107, 17861), (110, 17882), (120, 17951), (131, 18008), (132, 18038),

Gene: Alexphander_19 Start: 17096, Stop: 17926, Start Num: 19
Candidate Starts for Alexphander_19:
(Start: 12 @17078 has 38 MA's), (Start: 19 @17096 has 222 MA's), (24, 17108), (27, 17132), (Start: 30 @17147 has 1 MA's), (36, 17192), (41, 17222), (46, 17252), (49, 17276), (59, 17366), (61, 17375), (67, 17423), (73, 17468), (75, 17474), (76, 17477), (79, 17501), (80, 17504), (82, 17519), (89, 17582), (93,

17591), (96, 17630), (99, 17645), (104, 17681), (105, 17684), (106, 17693), (107, 17717), (110, 17738), (120, 17807), (131, 17864), (132, 17894),

Gene: Alkhayr_57 Start: 34965, Stop: 35813, Start Num: 15
Candidate Starts for Alkhayr_57:
(Start: 15 @34965 has 31 MA's), (Start: 19 @34971 has 222 MA's), (23, 34986), (29, 35025), (35, 35070), (45, 35124), (59, 35238), (81, 35382), (83, 35403), (93, 35466), (102, 35544), (120, 35694), (127, 35730), (133, 35790),

Gene: Aloeri_18 Start: 16444, Stop: 17274, Start Num: 19
Candidate Starts for Aloeri_18:
(Start: 13 @16429 has 27 MA's), (Start: 19 @16444 has 222 MA's), (24, 16456), (27, 16480), (Start: 30 @16495 has 1 MA's), (36, 16540), (41, 16570), (46, 16600), (49, 16624), (50, 16630), (59, 16714), (61, 16723), (67, 16771), (73, 16816), (75, 16822), (76, 16825), (79, 16849), (82, 16867), (89, 16930), (93, 16939), (96, 16978), (99, 16993), (104, 17029), (105, 17032), (106, 17041), (107, 17065), (110, 17086), (116, 17113), (120, 17155), (131, 17212), (132, 17242),

Gene: AlpineSix_17 Start: 16807, Stop: 17637, Start Num: 19
Candidate Starts for AlpineSix_17:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Amao_25 Start: 20638, Stop: 21471, Start Num: 20
Candidate Starts for Amao_25:
(Start: 1 @20317 has 1 MA's), (2, 20341), (Start: 20 @20638 has 122 MA's), (Start: 26 @20650 has 11 MA's), (37, 20731), (40, 20752), (44, 20770), (47, 20800), (58, 20869), (78, 21037), (84, 21073), (96, 21178), (103, 21220), (108, 21265), (113, 21307), (126, 21382), (129, 21394),

Gene: AmericanBeauty_27 Start: 21421, Stop: 22254, Start Num: 20
Candidate Starts for AmericanBeauty_27:
(Start: 1 @21100 has 1 MA's), (2, 21124), (Start: 20 @21421 has 122 MA's), (Start: 26 @21433 has 11 MA's), (37, 21514), (40, 21535), (44, 21553), (47, 21583), (58, 21652), (78, 21820), (84, 21856), (96, 21961), (103, 22003), (108, 22048), (113, 22090), (126, 22165), (129, 22177),

Gene: Andies_19 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Andies_19:
(Start: 19 @16711 has 222 MA's), (33, 16798), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: ArcusAngelus_17 Start: 16611, Stop: 17441, Start Num: 19
Candidate Starts for ArcusAngelus_17:
(Start: 13 @16596 has 27 MA's), (Start: 19 @16611 has 222 MA's), (24, 16623), (27, 16647), (Start: 30 @16662 has 1 MA's), (36, 16707), (49, 16791), (50, 16797), (59, 16881), (61, 16890), (67, 16938), (73, 16983), (75, 16989), (76, 16992), (79, 17016), (80, 17019), (93, 17106), (96, 17145), (99, 17160), (100, 17163), (104, 17196), (105, 17199), (106, 17208), (107, 17232), (110, 17253), (120, 17322), (131, 17379), (132, 17409),

Gene: Ardmore_17 Start: 16602, Stop: 17450, Start Num: 12
Candidate Starts for Ardmore_17:

(Start: 12 @16602 has 38 MA's), (Start: 19 @16620 has 222 MA's), (24, 16632), (27, 16656), (Start: 30 @16671 has 1 MA's), (36, 16716), (41, 16746), (46, 16776), (49, 16800), (59, 16890), (61, 16899), (67, 16947), (73, 16992), (75, 16998), (76, 17001), (79, 17025), (82, 17043), (89, 17106), (93, 17115), (96, 17154), (99, 17169), (104, 17205), (105, 17208), (106, 17217), (107, 17241), (110, 17262), (120, 17331), (131, 17388), (132, 17418),

Gene: Argent26_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for Argent26_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: Arib1_20 Start: 18150, Stop: 19043, Start Num: 16
Candidate Starts for Arib1_20:
(Start: 16 @18150 has 50 MA's), (Start: 30 @18204 has 1 MA's), (32, 18228), (37, 18252), (48, 18330), (56, 18384), (63, 18444), (74, 18552), (94, 18720), (95, 18723), (105, 18777), (114, 18861), (115, 18864), (120, 18918), (135, 19026), (136, 19029),

Gene: Ariel_35 Start: 26490, Stop: 27341, Start Num: 22
Candidate Starts for Ariel_35:
(Start: 22 @26490 has 11 MA's), (25, 26496), (34, 26571), (42, 26613), (50, 26670), (55, 26715), (56, 26718), (64, 26811), (65, 26814), (68, 26835), (70, 26853), (77, 26904), (79, 26910), (82, 26928), (83, 26937), (96, 27042), (103, 27084), (107, 27126), (112, 27156), (119, 27216),

Gene: Ashwin_59 Start: 35735, Stop: 36583, Start Num: 15
Candidate Starts for Ashwin_59:
(Start: 15 @35735 has 31 MA's), (Start: 19 @35741 has 222 MA's), (23, 35756), (29, 35795), (35, 35840), (45, 35894), (59, 36008), (81, 36152), (83, 36173), (93, 36236), (102, 36314), (120, 36464), (133, 36560),

Gene: Asriel_24 Start: 20302, Stop: 21135, Start Num: 20
Candidate Starts for Asriel_24:
(Start: 1 @19981 has 1 MA's), (2, 20005), (Start: 20 @20302 has 122 MA's), (Start: 26 @20314 has 11 MA's), (37, 20395), (40, 20416), (44, 20434), (47, 20464), (78, 20701), (84, 20737), (96, 20842), (103, 20884), (108, 20929), (113, 20971), (126, 21046), (129, 21058),

Gene: Atcoo_20 Start: 18019, Stop: 18912, Start Num: 16
Candidate Starts for Atcoo_20:
(Start: 16 @18019 has 50 MA's), (Start: 30 @18073 has 1 MA's), (32, 18097), (37, 18121), (40, 18142), (48, 18199), (52, 18211), (56, 18253), (63, 18313), (74, 18421), (94, 18589), (95, 18592), (99, 18610), (100, 18613), (101, 18625), (105, 18646), (114, 18730), (135, 18895), (136, 18898),

Gene: Aubs_17 Start: 16730, Stop: 17560, Start Num: 19
Candidate Starts for Aubs_17:
(Start: 12 @16712 has 38 MA's), (Start: 19 @16730 has 222 MA's), (24, 16742), (27, 16766), (Start: 30 @16781 has 1 MA's), (36, 16826), (41, 16856), (46, 16886), (49, 16910), (59, 17000), (61, 17009), (67, 17057), (73, 17102), (75, 17108), (76, 17111), (79, 17135), (80, 17138), (82, 17153), (93, 17225), (96, 17264), (105, 17318), (106, 17327), (107, 17351), (110, 17372), (120, 17441), (131, 17498), (132, 17528), (136, 17546),

Gene: Awesomesauce_18 Start: 16438, Stop: 17271, Start Num: 19
Candidate Starts for Awesomesauce_18:

(Start: 13 @16423 has 27 MA's), (Start: 19 @16438 has 222 MA's), (24, 16450), (27, 16474), (Start: 30 @16489 has 1 MA's), (36, 16534), (41, 16564), (59, 16711), (62, 16729), (67, 16768), (73, 16813), (75, 16819), (76, 16822), (79, 16846), (82, 16864), (89, 16927), (93, 16936), (96, 16975), (99, 16990), (104, 17026), (105, 17029), (106, 17038), (107, 17062), (110, 17083), (116, 17110), (120, 17152), (131, 17209), (132, 17239),

Gene: BAKA_35 Start: 29044, Stop: 29895, Start Num: 21
Candidate Starts for BAKA_35:
(Start: 21 @29044 has 30 MA's), (25, 29050), (34, 29125), (38, 29140), (50, 29224), (55, 29269), (56, 29272), (64, 29365), (65, 29368), (77, 29458), (79, 29464), (82, 29482), (83, 29491), (96, 29596), (103, 29638), (107, 29680), (112, 29710), (119, 29770),

Gene: BabeRuth_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for BabeRuth_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: BaboJay_24 Start: 20984, Stop: 21817, Start Num: 20
Candidate Starts for BaboJay_24:
(Start: 1 @20663 has 1 MA's), (2, 20687), (Start: 20 @20984 has 122 MA's), (Start: 26 @20996 has 11 MA's), (37, 21077), (40, 21098), (44, 21116), (47, 21146), (78, 21383), (84, 21419), (96, 21524), (103, 21566), (108, 21611), (113, 21653), (126, 21728), (129, 21740),

Gene: Babsiella_20 Start: 18177, Stop: 19028, Start Num: 14
Candidate Starts for Babsiella_20:
(Start: 14 @18177 has 10 MA's), (31, 18243), (51, 18378), (54, 18414), (60, 18462), (67, 18516), (72, 18558), (81, 18597), (83, 18618), (86, 18636), (93, 18681), (100, 18747), (109, 18834), (111, 18843), (113, 18858), (114, 18861), (115, 18864), (126, 18948), (133, 19005),

Gene: BadStone_24 Start: 21433, Stop: 22266, Start Num: 20
Candidate Starts for BadStone_24:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: Bagrid_37 Start: 28812, Stop: 29663, Start Num: 21
Candidate Starts for Bagrid_37:
(Start: 21 @28812 has 30 MA's), (25, 28818), (34, 28893), (38, 28908), (50, 28992), (55, 29037), (57, 29046), (65, 29136), (77, 29226), (83, 29259), (84, 29265), (105, 29415), (107, 29448), (108, 29451), (117, 29517), (133, 29640), (135, 29646),

Gene: Balomoji_24 Start: 21167, Stop: 22000, Start Num: 20
Candidate Starts for Balomoji_24:
(Start: 1 @20846 has 1 MA's), (2, 20870), (Start: 20 @21167 has 122 MA's), (Start: 26 @21179 has 11 MA's), (37, 21260), (40, 21281), (44, 21299), (47, 21329), (58, 21398), (78, 21566), (84, 21602), (96, 21707), (103, 21749), (108, 21794), (113, 21836), (126, 21911), (129, 21923),

Gene: Barbarian_24 Start: 20302, Stop: 21135, Start Num: 20
Candidate Starts for Barbarian_24:
(Start: 1 @19981 has 1 MA's), (2, 20005), (Start: 20 @20302 has 122 MA's), (Start: 26 @20314 has 11 MA's), (37, 20395), (40, 20416), (44, 20434), (47, 20464), (78, 20701), (84, 20737), (96, 20842), (103, 20884), (108, 20929), (113, 20971), (126, 21046), (129, 21058),

Gene: Bartholomew_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Bartholomew_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Bask21_25 Start: 20613, Stop: 21446, Start Num: 20
Candidate Starts for Bask21_25:
(Start: 1 @20292 has 1 MA's), (2, 20316), (Start: 20 @20613 has 122 MA's), (Start: 26 @20625 has 11 MA's), (37, 20706), (40, 20727), (44, 20745), (47, 20775), (58, 20844), (78, 21012), (84, 21048), (96, 21153), (103, 21195), (108, 21240), (113, 21282), (126, 21357), (129, 21369),

Gene: Batiatus_17 Start: 16603, Stop: 17451, Start Num: 12
Candidate Starts for Batiatus_17:
(Start: 12 @16603 has 38 MA's), (Start: 19 @16621 has 222 MA's), (24, 16633), (27, 16657), (Start: 30 @16672 has 1 MA's), (36, 16717), (41, 16747), (46, 16777), (49, 16801), (59, 16891), (61, 16900), (67, 16948), (73, 16993), (75, 16999), (76, 17002), (79, 17026), (82, 17044), (89, 17107), (93, 17116), (96, 17155), (99, 17170), (104, 17206), (105, 17209), (106, 17218), (107, 17242), (110, 17263), (120, 17332), (131, 17389), (132, 17419),

Gene: Beakin_18 Start: 16428, Stop: 17258, Start Num: 19
Candidate Starts for Beakin_18:
(Start: 13 @16413 has 27 MA's), (Start: 19 @16428 has 222 MA's), (24, 16440), (27, 16464), (Start: 30 @16479 has 1 MA's), (36, 16524), (41, 16554), (46, 16584), (49, 16608), (59, 16698), (61, 16707), (67, 16755), (73, 16800), (75, 16806), (76, 16809), (79, 16833), (80, 16836), (82, 16851), (89, 16914), (93, 16923), (96, 16962), (99, 16977), (104, 17013), (105, 17016), (106, 17025), (107, 17049), (110, 17070), (120, 17139), (131, 17196), (132, 17226),

Gene: Beanstalk_18 Start: 16573, Stop: 17403, Start Num: 19
Candidate Starts for Beanstalk_18:
(Start: 13 @16558 has 27 MA's), (Start: 19 @16573 has 222 MA's), (24, 16585), (27, 16609), (Start: 30 @16624 has 1 MA's), (36, 16669), (41, 16699), (49, 16753), (59, 16843), (61, 16852), (67, 16900), (69, 16918), (73, 16945), (75, 16951), (76, 16954), (79, 16978), (80, 16981), (93, 17068), (96, 17107), (105, 17161), (106, 17170), (107, 17194), (110, 17215), (116, 17242), (120, 17284), (131, 17341), (132, 17371),

Gene: Becksu_25 Start: 21617, Stop: 22450, Start Num: 20
Candidate Starts for Becksu_25:
(Start: 1 @21296 has 1 MA's), (2, 21320), (Start: 20 @21617 has 122 MA's), (Start: 26 @21629 has 11 MA's), (37, 21710), (40, 21731), (44, 21749), (47, 21779), (58, 21848), (78, 22016), (84, 22052), (96, 22157), (103, 22199), (108, 22244), (113, 22286), (126, 22361), (129, 22373),

Gene: Beem_38 Start: 29378, Stop: 30229, Start Num: 21
Candidate Starts for Beem_38:
(Start: 21 @29378 has 30 MA's), (25, 29384), (34, 29459), (38, 29474), (50, 29558), (55, 29603), (57, 29612), (65, 29702), (77, 29792), (83, 29825), (84, 29831), (105, 29981), (107, 30014), (108, 30017), (117, 30083), (133, 30206), (135, 30212),

Gene: Bench_27 Start: 21294, Stop: 22127, Start Num: 20
Candidate Starts for Bench_27:
(Start: 1 @20973 has 1 MA's), (2, 20997), (Start: 20 @21294 has 122 MA's), (Start: 26 @21306 has 11 MA's), (37, 21387), (40, 21408), (44, 21426), (47, 21456), (78, 21693), (84, 21729), (96, 21834), (103,

21876), (108, 21921), (113, 21963), (126, 22038), (129, 22050),

Gene: Bhagsy_20 Start: 18151, Stop: 19044, Start Num: 16
Candidate Starts for Bhagsy_20:
(Start: 16 @18151 has 50 MA's), (Start: 30 @18205 has 1 MA's), (32, 18229), (37, 18253), (40, 18274), (48, 18331), (52, 18343), (56, 18385), (63, 18445), (74, 18553), (94, 18721), (95, 18724), (99, 18742), (100, 18745), (101, 18757), (105, 18778), (114, 18862), (135, 19027), (136, 19030),

Gene: BigBubba_26 Start: 21197, Stop: 22030, Start Num: 20
Candidate Starts for BigBubba_26:
(Start: 1 @20876 has 1 MA's), (2, 20900), (Start: 20 @21197 has 122 MA's), (Start: 26 @21209 has 11 MA's), (37, 21290), (40, 21311), (44, 21329), (47, 21359), (58, 21428), (78, 21596), (84, 21632), (96, 21737), (103, 21779), (108, 21824), (113, 21866), (126, 21941), (129, 21953),

Gene: BigNuz_19 Start: 17888, Stop: 18781, Start Num: 16
Candidate Starts for BigNuz_19:
(Start: 16 @17888 has 50 MA's), (Start: 30 @17942 has 1 MA's), (32, 17966), (34, 17978), (48, 18068), (74, 18290), (75, 18293), (105, 18515), (114, 18599), (115, 18602), (120, 18656), (121, 18668),

Gene: BigPhil_18 Start: 16381, Stop: 17229, Start Num: 12
Candidate Starts for BigPhil_18:
(Start: 12 @16381 has 38 MA's), (Start: 19 @16399 has 222 MA's), (24, 16411), (27, 16435), (Start: 30 @16450 has 1 MA's), (36, 16495), (41, 16525), (46, 16555), (49, 16579), (59, 16669), (61, 16678), (67, 16726), (73, 16771), (75, 16777), (76, 16780), (79, 16804), (82, 16822), (89, 16885), (93, 16894), (96, 16933), (99, 16948), (104, 16984), (105, 16987), (106, 16996), (107, 17020), (110, 17041), (120, 17110), (131, 17167), (132, 17197), (136, 17215),

Gene: BilboSwaggins_25 Start: 21446, Stop: 22267, Start Num: 26
Candidate Starts for BilboSwaggins_25:
(Start: 1 @21113 has 1 MA's), (2, 21137), (Start: 20 @21434 has 122 MA's), (Start: 26 @21446 has 11 MA's), (37, 21527), (40, 21548), (44, 21566), (47, 21596), (58, 21665), (78, 21833), (84, 21869), (96, 21974), (103, 22016), (108, 22061), (113, 22103), (126, 22178), (129, 22190),

Gene: Bipolar_17 Start: 16553, Stop: 17401, Start Num: 12
Candidate Starts for Bipolar_17:
(Start: 12 @16553 has 38 MA's), (Start: 19 @16571 has 222 MA's), (24, 16583), (27, 16607), (Start: 30 @16622 has 1 MA's), (36, 16667), (41, 16697), (46, 16727), (49, 16751), (59, 16841), (61, 16850), (67, 16898), (73, 16943), (75, 16949), (76, 16952), (79, 16976), (80, 16979), (82, 16994), (89, 17057), (93, 17066), (96, 17105), (99, 17120), (104, 17156), (105, 17159), (106, 17168), (107, 17192), (110, 17213), (114, 17234), (120, 17282), (131, 17339), (132, 17369),

Gene: Blessica_58 Start: 35564, Stop: 36412, Start Num: 15
Candidate Starts for Blessica_58:
(Start: 15 @35564 has 31 MA's), (Start: 19 @35570 has 222 MA's), (23, 35585), (29, 35624), (35, 35669), (45, 35723), (59, 35837), (81, 35981), (83, 36002), (93, 36065), (102, 36143), (120, 36293), (133, 36389),

Gene: Blexus_17 Start: 16759, Stop: 17589, Start Num: 19
Candidate Starts for Blexus_17:
(Start: 13 @16744 has 27 MA's), (Start: 19 @16759 has 222 MA's), (24, 16771), (27, 16795), (Start: 30 @16810 has 1 MA's), (36, 16855), (41, 16885), (46, 16915), (49, 16939), (59, 17029), (61, 17038), (63, 17050), (67, 17086), (75, 17137), (76, 17140), (79, 17164), (82, 17182), (89, 17245), (93, 17254), (99, 17308), (102, 17332), (105, 17347), (106, 17356), (107, 17380), (110, 17401), (116, 17428), (120,

17470), (131, 17527), (132, 17557),

Gene: BlueCrab_17 Start: 16726, Stop: 17571, Start Num: 13
Candidate Starts for BlueCrab_17:
(Start: 13 @16726 has 27 MA's), (Start: 19 @16741 has 222 MA's), (24, 16753), (27, 16777), (Start: 30 @16792 has 1 MA's), (36, 16837), (41, 16867), (46, 16897), (49, 16921), (59, 17011), (61, 17020), (67, 17068), (69, 17086), (73, 17113), (75, 17119), (76, 17122), (79, 17146), (80, 17149), (89, 17227), (93, 17236), (96, 17275), (99, 17290), (104, 17326), (105, 17329), (106, 17338), (107, 17362), (110, 17383), (115, 17407), (116, 17410), (120, 17452), (131, 17509), (132, 17539),

Gene: Bluvara_20 Start: 18244, Stop: 19095, Start Num: 14
Candidate Starts for Bluvara_20:
(Start: 14 @18244 has 10 MA's), (31, 18310), (51, 18445), (54, 18481), (60, 18529), (67, 18583), (72, 18625), (81, 18664), (83, 18685), (86, 18703), (93, 18748), (100, 18814), (109, 18901), (111, 18910), (113, 18925), (114, 18928), (115, 18931), (126, 19015), (133, 19072),

Gene: BobaPhett_17 Start: 16570, Stop: 17400, Start Num: 19
Candidate Starts for BobaPhett_17:
(Start: 13 @16555 has 27 MA's), (Start: 19 @16570 has 222 MA's), (24, 16582), (27, 16606), (Start: 30 @16621 has 1 MA's), (36, 16666), (41, 16696), (49, 16750), (59, 16840), (61, 16849), (67, 16897), (69, 16915), (73, 16942), (75, 16948), (76, 16951), (79, 16975), (80, 16978), (82, 16993), (93, 17065), (96, 17104), (105, 17158), (106, 17167), (107, 17191), (110, 17212), (116, 17239), (120, 17281), (131, 17338), (132, 17368),

Gene: Bobby_39 Start: 30219, Stop: 31070, Start Num: 21
Candidate Starts for Bobby_39:
(Start: 21 @30219 has 30 MA's), (25, 30225), (34, 30300), (38, 30315), (50, 30399), (55, 30444), (57, 30453), (64, 30540), (74, 30606), (77, 30633), (83, 30666), (84, 30672), (96, 30771), (100, 30789), (105, 30822), (107, 30855), (108, 30858), (110, 30879), (117, 30924), (133, 31047), (135, 31053),

Gene: Bobi_19 Start: 17142, Stop: 17990, Start Num: 12
Candidate Starts for Bobi_19:
(Start: 12 @17142 has 38 MA's), (Start: 19 @17160 has 222 MA's), (24, 17172), (27, 17196), (Start: 30 @17211 has 1 MA's), (36, 17256), (41, 17286), (46, 17316), (49, 17340), (59, 17430), (61, 17439), (63, 17451), (67, 17487), (73, 17532), (75, 17538), (76, 17541), (79, 17565), (80, 17568), (82, 17583), (89, 17646), (93, 17655), (96, 17694), (99, 17709), (104, 17745), (105, 17748), (106, 17757), (107, 17781), (110, 17802), (120, 17871), (131, 17928), (132, 17958),

Gene: BodEinwohner17_17 Start: 16727, Stop: 17572, Start Num: 13
Candidate Starts for BodEinwohner17_17:
(Start: 13 @16727 has 27 MA's), (Start: 19 @16742 has 222 MA's), (24, 16754), (27, 16778), (Start: 30 @16793 has 1 MA's), (36, 16838), (41, 16868), (49, 16922), (59, 17012), (61, 17021), (67, 17069), (69, 17087), (73, 17114), (75, 17120), (76, 17123), (79, 17147), (80, 17150), (82, 17165), (93, 17237), (96, 17276), (105, 17330), (106, 17339), (107, 17363), (110, 17384), (116, 17411), (120, 17453), (131, 17510), (132, 17540),

Gene: Bogg_25 Start: 20346, Stop: 21167, Start Num: 26
Candidate Starts for Bogg_25:
(Start: 1 @20013 has 1 MA's), (2, 20037), (Start: 20 @20334 has 122 MA's), (Start: 26 @20346 has 11 MA's), (37, 20427), (40, 20448), (44, 20466), (47, 20496), (58, 20565), (78, 20733), (84, 20769), (96, 20874), (103, 20916), (108, 20961), (113, 21003), (126, 21078), (129, 21090),

Gene: Bogie_19 Start: 17867, Stop: 18760, Start Num: 16

Candidate Starts for Bogie_19:
(Start: 16 @17867 has 50 MA's), (Start: 30 @17921 has 1 MA's), (32, 17945), (37, 17969), (40, 17990), (48, 18047), (52, 18059), (56, 18101), (63, 18161), (74, 18269), (90, 18392), (94, 18437), (95, 18440), (99, 18458), (100, 18461), (101, 18473), (105, 18494), (114, 18578), (120, 18635), (135, 18743), (136, 18746),

Gene: Bombitas_34 Start: 28402, Stop: 29253, Start Num: 21
Candidate Starts for Bombitas_34:
(Start: 21 @28402 has 30 MA's), (25, 28408), (34, 28483), (50, 28582), (55, 28627), (56, 28630), (65, 28726), (77, 28816), (82, 28840), (83, 28849), (85, 28864), (100, 28972), (103, 28996), (107, 29038), (122, 29149), (129, 29173), (135, 29236),

Gene: Boomer_18 Start: 16367, Stop: 17215, Start Num: 12
Candidate Starts for Boomer_18:
(Start: 12 @16367 has 38 MA's), (Start: 19 @16385 has 222 MA's), (24, 16397), (27, 16421), (Start: 30 @16436 has 1 MA's), (36, 16481), (41, 16511), (46, 16541), (49, 16565), (59, 16655), (61, 16664), (67, 16712), (73, 16757), (75, 16763), (76, 16766), (79, 16790), (80, 16793), (82, 16808), (89, 16871), (93, 16880), (96, 16919), (99, 16934), (104, 16970), (105, 16973), (106, 16982), (107, 17006), (110, 17027), (120, 17096), (131, 17153), (132, 17183),

Gene: Bora_55 Start: 34921, Stop: 35769, Start Num: 15
Candidate Starts for Bora_55:
(Start: 15 @34921 has 31 MA's), (Start: 19 @34927 has 222 MA's), (23, 34942), (29, 34981), (35, 35026), (45, 35080), (59, 35194), (81, 35338), (83, 35359), (93, 35422), (102, 35500), (120, 35650), (127, 35686), (133, 35746),

Gene: Bosection6_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Bosection6_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Brewer_25 Start: 21682, Stop: 22515, Start Num: 20
Candidate Starts for Brewer_25:
(Start: 1 @21361 has 1 MA's), (2, 21385), (Start: 20 @21682 has 122 MA's), (Start: 26 @21694 has 11 MA's), (37, 21775), (40, 21796), (44, 21814), (47, 21844), (58, 21913), (78, 22081), (84, 22117), (96, 22222), (103, 22264), (108, 22309), (113, 22351), (126, 22426), (129, 22438),

Gene: Brocalys_17 Start: 16538, Stop: 17386, Start Num: 12
Candidate Starts for Brocalys_17:
(Start: 12 @16538 has 38 MA's), (Start: 19 @16556 has 222 MA's), (24, 16568), (27, 16592), (Start: 30 @16607 has 1 MA's), (36, 16652), (41, 16682), (46, 16712), (49, 16736), (59, 16826), (61, 16835), (67, 16883), (73, 16928), (75, 16934), (76, 16937), (79, 16961), (80, 16964), (82, 16979), (89, 17042), (93, 17051), (96, 17090), (99, 17105), (104, 17141), (105, 17144), (106, 17153), (107, 17177), (110, 17198), (120, 17267), (131, 17324), (132, 17354),

Gene: BronnyJames_29 Start: 25075, Stop: 25926, Start Num: 22
Candidate Starts for BronnyJames_29:
(Start: 22 @25075 has 11 MA's), (25, 25081), (34, 25156), (42, 25198), (50, 25255), (55, 25300), (56, 25303), (64, 25396), (65, 25399), (68, 25420), (77, 25489), (82, 25513), (83, 25522), (96, 25627), (103, 25669), (107, 25711), (112, 25741), (119, 25801),

Gene: BronnyJr_20 Start: 17990, Stop: 18883, Start Num: 16

Candidate Starts for BronnyJr_20:
(Start: 16 @17990 has 50 MA's), (Start: 30 @18044 has 1 MA's), (32, 18068), (37, 18092), (48, 18170), (56, 18224), (63, 18284), (74, 18392), (94, 18560), (95, 18563), (105, 18617), (114, 18701), (115, 18704), (120, 18758), (135, 18866), (136, 18869),

Gene: Brookers_18 Start: 16427, Stop: 17257, Start Num: 19
Candidate Starts for Brookers_18:
(Start: 12 @16409 has 38 MA's), (Start: 19 @16427 has 222 MA's), (24, 16439), (27, 16463), (Start: 30 @16478 has 1 MA's), (36, 16523), (41, 16553), (46, 16583), (49, 16607), (59, 16697), (61, 16706), (67, 16754), (73, 16799), (75, 16805), (76, 16808), (79, 16832), (82, 16850), (89, 16913), (93, 16922), (96, 16961), (99, 16976), (104, 17012), (105, 17015), (106, 17024), (107, 17048), (110, 17069), (120, 17138), (131, 17195), (132, 17225),

Gene: Bruin_25 Start: 21457, Stop: 22290, Start Num: 20
Candidate Starts for Bruin_25:
(Start: 1 @21136 has 1 MA's), (2, 21160), (Start: 20 @21457 has 122 MA's), (Start: 26 @21469 has 11 MA's), (37, 21550), (40, 21571), (44, 21589), (47, 21619), (78, 21856), (84, 21892), (96, 21997), (103, 22039), (108, 22084), (113, 22126), (126, 22201), (129, 22213),

Gene: Brujita_20 Start: 18241, Stop: 19092, Start Num: 14
Candidate Starts for Brujita_20:
(Start: 14 @18241 has 10 MA's), (31, 18307), (51, 18442), (54, 18478), (60, 18526), (67, 18580), (72, 18622), (81, 18661), (83, 18682), (86, 18700), (93, 18745), (100, 18811), (109, 18898), (111, 18907), (113, 18922), (114, 18925), (115, 18928), (126, 19012), (133, 19069),

Gene: Brusacoram_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Brusacoram_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (99, 18735), (100, 18738), (101, 18750), (105, 18771), (114, 18855), (135, 19020), (136, 19023),

Gene: Brushbloom_18 Start: 16451, Stop: 17284, Start Num: 19
Candidate Starts for Brushbloom_18:
(Start: 12 @16433 has 38 MA's), (Start: 19 @16451 has 222 MA's), (24, 16463), (27, 16487), (Start: 30 @16502 has 1 MA's), (36, 16547), (41, 16577), (59, 16724), (62, 16742), (67, 16781), (73, 16826), (75, 16832), (76, 16835), (79, 16859), (80, 16862), (82, 16877), (89, 16940), (93, 16949), (96, 16988), (99, 17003), (104, 17039), (105, 17042), (106, 17051), (107, 17075), (110, 17096), (120, 17165), (131, 17222), (132, 17252), (136, 17270),

Gene: Bubbles123_18 Start: 17285, Stop: 18115, Start Num: 19
Candidate Starts for Bubbles123_18:
(Start: 12 @17267 has 38 MA's), (Start: 19 @17285 has 222 MA's), (24, 17297), (27, 17321), (Start: 30 @17336 has 1 MA's), (36, 17381), (41, 17411), (46, 17441), (49, 17465), (50, 17471), (59, 17555), (61, 17564), (67, 17612), (73, 17657), (75, 17663), (76, 17666), (79, 17690), (80, 17693), (82, 17708), (89, 17771), (93, 17780), (96, 17819), (99, 17834), (104, 17870), (105, 17873), (106, 17882), (107, 17906), (110, 17927), (120, 17996), (131, 18053), (132, 18083), (136, 18101),

Gene: Buck_24 Start: 21390, Stop: 22223, Start Num: 20
Candidate Starts for Buck_24:
(Start: 1 @21069 has 1 MA's), (2, 21093), (Start: 20 @21390 has 122 MA's), (Start: 26 @21402 has 11 MA's), (37, 21483), (40, 21504), (44, 21522), (47, 21552), (78, 21789), (84, 21825), (96, 21930), (103, 21972), (108, 22017), (113, 22059), (126, 22134), (129, 22146),

Gene: Budgie_27 Start: 20825, Stop: 21658, Start Num: 20
Candidate Starts for Budgie_27:
(Start: 20 @20825 has 122 MA's), (40, 20939), (44, 20957), (47, 20987), (58, 21056), (78, 21224), (96, 21365), (100, 21383), (126, 21569), (128, 21575), (130, 21590),

Gene: BugsBunny_23 Start: 21035, Stop: 21856, Start Num: 26
Candidate Starts for BugsBunny_23:
(Start: 1 @20702 has 1 MA's), (2, 20726), (Start: 20 @21023 has 122 MA's), (Start: 26 @21035 has 11 MA's), (37, 21116), (40, 21137), (44, 21155), (47, 21185), (58, 21254), (78, 21422), (84, 21458), (96, 21563), (103, 21605), (108, 21650), (113, 21692), (126, 21767), (129, 21779),

Gene: Bunnies_20 Start: 18166, Stop: 19059, Start Num: 16
Candidate Starts for Bunnies_20:
(Start: 16 @18166 has 50 MA's), (Start: 30 @18220 has 1 MA's), (32, 18244), (37, 18268), (40, 18289), (48, 18346), (52, 18358), (56, 18400), (63, 18460), (74, 18568), (94, 18736), (95, 18739), (105, 18793), (114, 18877), (115, 18880), (120, 18934), (135, 19042), (136, 19045),

Gene: Burwell21_17 Start: 16577, Stop: 17407, Start Num: 19
Candidate Starts for Burwell21_17:
(Start: 13 @16562 has 27 MA's), (Start: 19 @16577 has 222 MA's), (24, 16589), (27, 16613), (Start: 30 @16628 has 1 MA's), (36, 16673), (41, 16703), (49, 16757), (59, 16847), (61, 16856), (67, 16904), (69, 16922), (73, 16949), (75, 16955), (76, 16958), (79, 16982), (80, 16985), (82, 17000), (93, 17072), (96, 17111), (104, 17162), (105, 17165), (106, 17174), (107, 17198), (110, 17219), (120, 17288), (131, 17345), (132, 17375),

Gene: Butters_19 Start: 16681, Stop: 17523, Start Num: 19
Candidate Starts for Butters_19:
(Start: 19 @16681 has 222 MA's), (33, 16768), (35, 16780), (41, 16813), (49, 16867), (61, 16966), (73, 17059), (76, 17068), (83, 17119), (89, 17173), (94, 17215), (99, 17236), (100, 17239), (102, 17260), (114, 17350), (118, 17386), (125, 17437), (132, 17494), (135, 17509),

Gene: BuzzLyseyear_19 Start: 16964, Stop: 17794, Start Num: 19
Candidate Starts for BuzzLyseyear_19:
(Start: 13 @16949 has 27 MA's), (Start: 19 @16964 has 222 MA's), (24, 16976), (27, 17000), (Start: 30 @17015 has 1 MA's), (36, 17060), (41, 17090), (49, 17144), (59, 17234), (61, 17243), (67, 17291), (69, 17309), (73, 17336), (75, 17342), (76, 17345), (79, 17369), (80, 17372), (82, 17387), (93, 17459), (96, 17498), (105, 17552), (106, 17561), (107, 17585), (110, 17606), (116, 17633), (120, 17675), (131, 17732), (132, 17762),

Gene: ByChance_17 Start: 16563, Stop: 17411, Start Num: 12
Candidate Starts for ByChance_17:
(Start: 12 @16563 has 38 MA's), (Start: 19 @16581 has 222 MA's), (24, 16593), (27, 16617), (Start: 30 @16632 has 1 MA's), (36, 16677), (41, 16707), (46, 16737), (49, 16761), (50, 16767), (59, 16851), (61, 16860), (67, 16908), (73, 16953), (75, 16959), (76, 16962), (79, 16986), (80, 16989), (82, 17004), (89, 17067), (93, 17076), (96, 17115), (99, 17130), (104, 17166), (105, 17169), (106, 17178), (107, 17202), (110, 17223), (120, 17292), (131, 17349), (132, 17379), (136, 17397),

Gene: Byougenkin_17 Start: 16591, Stop: 17421, Start Num: 19
Candidate Starts for Byougenkin_17:
(3, 16408), (5, 16438), (8, 16495), (Start: 12 @16573 has 38 MA's), (Start: 19 @16591 has 222 MA's), (24, 16603), (27, 16627), (Start: 30 @16642 has 1 MA's), (36, 16687), (41, 16717), (46, 16747), (49, 16771), (59, 16861), (61, 16870), (67, 16918), (73, 16963), (75, 16969), (76, 16972), (79, 16996), (80, 16999), (82, 17014), (89, 17077), (93, 17086), (96, 17125), (99, 17140), (104, 17176), (105, 17179),

(106, 17188), (107, 17212), (110, 17233), (120, 17302), (131, 17359), (132, 17389), (136, 17407),

Gene: Cabrinians_17 Start: 16571, Stop: 17401, Start Num: 19
Candidate Starts for Cabrinians_17:
(Start: 12 @16553 has 38 MA's), (Start: 19 @16571 has 222 MA's), (24, 16583), (27, 16607), (Start: 30 @16622 has 1 MA's), (36, 16667), (41, 16697), (46, 16727), (49, 16751), (50, 16757), (59, 16841), (61, 16850), (67, 16898), (73, 16943), (75, 16949), (76, 16952), (79, 16976), (80, 16979), (82, 16994), (89, 17057), (93, 17066), (96, 17105), (99, 17120), (104, 17156), (105, 17159), (106, 17168), (107, 17192), (110, 17213), (120, 17282), (131, 17339), (132, 17369), (136, 17387),

Gene: Cactus_26 Start: 20646, Stop: 21479, Start Num: 20
Candidate Starts for Cactus_26:
(Start: 1 @20325 has 1 MA's), (2, 20349), (Start: 20 @20646 has 122 MA's), (Start: 26 @20658 has 11 MA's), (37, 20739), (40, 20760), (44, 20778), (47, 20808), (78, 21045), (84, 21081), (96, 21186), (103, 21228), (108, 21273), (113, 21315), (126, 21390), (129, 21402),

Gene: CactusJack_20 Start: 18032, Stop: 18925, Start Num: 16
Candidate Starts for CactusJack_20:
(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623), (100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: Camster_20 Start: 18145, Stop: 19038, Start Num: 16
Candidate Starts for Camster_20:
(Start: 16 @18145 has 50 MA's), (Start: 30 @18199 has 1 MA's), (32, 18223), (37, 18247), (40, 18268), (48, 18325), (52, 18337), (56, 18379), (63, 18439), (74, 18547), (94, 18715), (95, 18718), (105, 18772), (114, 18856), (115, 18859), (120, 18913), (135, 19021), (136, 19024),

Gene: CaptainTrips_18 Start: 17247, Stop: 18095, Start Num: 12
Candidate Starts for CaptainTrips_18:
(Start: 12 @17247 has 38 MA's), (Start: 19 @17265 has 222 MA's), (24, 17277), (27, 17301), (Start: 30 @17316 has 1 MA's), (36, 17361), (41, 17391), (46, 17421), (49, 17445), (59, 17535), (61, 17544), (63, 17556), (67, 17592), (73, 17637), (75, 17643), (76, 17646), (79, 17670), (80, 17673), (82, 17688), (89, 17751), (93, 17760), (96, 17799), (99, 17814), (102, 17838), (105, 17853), (106, 17862), (107, 17886), (110, 17907), (114, 17928), (115, 17931), (120, 17976), (131, 18033), (132, 18063), (136, 18081),

Gene: Carcharodon_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Carcharodon_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Catdawg_57 Start: 35300, Stop: 36148, Start Num: 15
Candidate Starts for Catdawg_57:
(Start: 15 @35300 has 31 MA's), (Start: 19 @35306 has 222 MA's), (23, 35321), (29, 35360), (35, 35405), (45, 35459), (59, 35573), (81, 35717), (83, 35738), (93, 35801), (102, 35879), (120, 36029), (133, 36125),

Gene: Cerasum_18 Start: 16399, Stop: 17229, Start Num: 19
Candidate Starts for Cerasum_18:
(Start: 12 @16381 has 38 MA's), (Start: 19 @16399 has 222 MA's), (24, 16411), (27, 16435), (Start: 30 @16450 has 1 MA's), (36, 16495), (41, 16525), (46, 16555), (49, 16579), (59, 16669), (61, 16678), (67, 16726), (73, 16771), (75, 16777), (76, 16780), (79, 16804), (82, 16822), (89, 16885), (93, 16894), (96,

16933), (99, 16948), (104, 16984), (105, 16987), (106, 16996), (107, 17020), (110, 17041), (120, 17110), (131, 17167), (132, 17197), (136, 17215),

Gene: Charlie_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Charlie_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Che8_17 Start: 16599, Stop: 17429, Start Num: 19
Candidate Starts for Che8_17:
(Start: 13 @16584 has 27 MA's), (Start: 19 @16599 has 222 MA's), (24, 16611), (27, 16635), (Start: 30 @16650 has 1 MA's), (36, 16695), (41, 16725), (49, 16779), (50, 16785), (59, 16869), (61, 16878), (67, 16926), (69, 16944), (73, 16971), (75, 16977), (76, 16980), (79, 17004), (80, 17007), (93, 17094), (96, 17133), (105, 17187), (106, 17196), (107, 17220), (110, 17241), (116, 17268), (120, 17310), (131, 17367), (132, 17397),

Gene: Che9c_18 Start: 17626, Stop: 18480, Start Num: 14
Candidate Starts for Che9c_18:
(Start: 14 @17626 has 10 MA's), (28, 17677), (31, 17692), (39, 17749), (50, 17824), (54, 17863), (66, 17962), (71, 17998), (76, 18019), (81, 18049), (83, 18070), (109, 18286), (111, 18295), (114, 18313), (120, 18367), (126, 18400), (133, 18457), (136, 18466),

Gene: Cheesepuff_19 Start: 17418, Stop: 18251, Start Num: 19
Candidate Starts for Cheesepuff_19:
(Start: 13 @17403 has 27 MA's), (Start: 19 @17418 has 222 MA's), (24, 17430), (27, 17454), (Start: 30 @17469 has 1 MA's), (36, 17514), (59, 17691), (62, 17709), (67, 17748), (75, 17799), (76, 17802), (79, 17826), (80, 17829), (93, 17916), (96, 17955), (105, 18009), (106, 18018), (107, 18042), (110, 18063), (116, 18090), (120, 18132), (131, 18189), (132, 18219), (136, 18237),

Gene: Chevrolet_17 Start: 16611, Stop: 17441, Start Num: 19
Candidate Starts for Chevrolet_17:
(Start: 13 @16596 has 27 MA's), (Start: 19 @16611 has 222 MA's), (24, 16623), (27, 16647), (Start: 30 @16662 has 1 MA's), (36, 16707), (49, 16791), (50, 16797), (59, 16881), (61, 16890), (67, 16938), (73, 16983), (75, 16989), (76, 16992), (79, 17016), (80, 17019), (93, 17106), (96, 17145), (99, 17160), (100, 17163), (104, 17196), (105, 17199), (106, 17208), (107, 17232), (110, 17253), (120, 17322), (131, 17379), (132, 17409),

Gene: Chewbacca_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Chewbacca_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: ChickenDinner_18 Start: 16444, Stop: 17274, Start Num: 19
Candidate Starts for ChickenDinner_18:
(Start: 13 @16429 has 27 MA's), (Start: 19 @16444 has 222 MA's), (24, 16456), (27, 16480), (Start: 30 @16495 has 1 MA's), (36, 16540), (41, 16570), (46, 16600), (49, 16624), (50, 16630), (59, 16714), (61, 16723), (67, 16771), (73, 16816), (75, 16822), (76, 16825), (79, 16849), (82, 16867), (89, 16930), (93, 16939), (96, 16978), (99, 16993), (104, 17029), (105, 17032), (106, 17041), (107, 17065), (110, 17086), (116, 17113), (120, 17155), (131, 17212), (132, 17242),

Gene: ChosenOne_24 Start: 20641, Stop: 21474, Start Num: 20

Candidate Starts for ChosenOne_24:
(Start: 1 @20320 has 1 MA's), (2, 20344), (Start: 20 @20641 has 122 MA's), (Start: 26 @20653 has 11 MA's), (37, 20734), (40, 20755), (44, 20773), (47, 20803), (58, 20872), (78, 21040), (84, 21076), (96, 21181), (103, 21223), (108, 21268), (113, 21310), (126, 21385), (129, 21397),

Gene: ChotaBhai_25 Start: 20683, Stop: 21516, Start Num: 20
Candidate Starts for ChotaBhai_25:
(Start: 1 @20362 has 1 MA's), (2, 20386), (Start: 20 @20683 has 122 MA's), (Start: 26 @20695 has 11 MA's), (37, 20776), (40, 20797), (44, 20815), (47, 20845), (58, 20914), (78, 21082), (84, 21118), (96, 21223), (103, 21265), (108, 21310), (113, 21352), (126, 21427), (129, 21439),

Gene: Chubbello_20 Start: 18143, Stop: 19036, Start Num: 16
Candidate Starts for Chubbello_20:
(Start: 16 @18143 has 50 MA's), (Start: 30 @18197 has 1 MA's), (32, 18221), (37, 18245), (40, 18266), (48, 18323), (52, 18335), (56, 18377), (63, 18437), (74, 18545), (94, 18713), (95, 18716), (105, 18770), (114, 18854), (115, 18857), (120, 18911), (135, 19019), (136, 19022),

Gene: Chuckly_17 Start: 16742, Stop: 17572, Start Num: 19
Candidate Starts for Chuckly_17:
(Start: 12 @16724 has 38 MA's), (Start: 19 @16742 has 222 MA's), (24, 16754), (27, 16778), (Start: 30 @16793 has 1 MA's), (36, 16838), (41, 16868), (46, 16898), (49, 16922), (59, 17012), (61, 17021), (63, 17033), (67, 17069), (73, 17114), (75, 17120), (76, 17123), (79, 17147), (80, 17150), (82, 17165), (89, 17228), (93, 17237), (96, 17276), (99, 17291), (102, 17315), (104, 17327), (105, 17330), (106, 17339), (107, 17363), (110, 17384), (120, 17453), (131, 17510), (132, 17540),

Gene: Cjw1_25 Start: 22206, Stop: 23027, Start Num: 26
Candidate Starts for Cjw1_25:
(Start: 1 @21873 has 1 MA's), (2, 21897), (Start: 20 @22194 has 122 MA's), (Start: 26 @22206 has 11 MA's), (37, 22287), (40, 22308), (44, 22326), (47, 22356), (78, 22593), (84, 22629), (96, 22734), (103, 22776), (108, 22821), (113, 22863), (126, 22938), (129, 22950),

Gene: Clank_17 Start: 16725, Stop: 17555, Start Num: 19
Candidate Starts for Clank_17:
(Start: 12 @16707 has 38 MA's), (Start: 19 @16725 has 222 MA's), (24, 16737), (27, 16761), (Start: 30 @16776 has 1 MA's), (36, 16821), (41, 16851), (46, 16881), (49, 16905), (59, 16995), (61, 17004), (63, 17016), (67, 17052), (73, 17097), (75, 17103), (76, 17106), (79, 17130), (80, 17133), (82, 17148), (89, 17211), (93, 17220), (96, 17259), (99, 17274), (105, 17313), (106, 17322), (107, 17346), (110, 17367), (116, 17394), (120, 17436), (131, 17493), (132, 17523), (136, 17541),

Gene: Clifton_17 Start: 16508, Stop: 17356, Start Num: 12
Candidate Starts for Clifton_17:
(Start: 12 @16508 has 38 MA's), (Start: 19 @16526 has 222 MA's), (24, 16538), (27, 16562), (Start: 30 @16577 has 1 MA's), (36, 16622), (41, 16652), (46, 16682), (49, 16706), (59, 16796), (61, 16805), (67, 16853), (73, 16898), (75, 16904), (76, 16907), (79, 16931), (80, 16934), (82, 16949), (89, 17012), (93, 17021), (96, 17060), (99, 17075), (104, 17111), (105, 17114), (106, 17123), (107, 17147), (110, 17168), (120, 17237), (131, 17294), (132, 17324),

Gene: Coco12_19 Start: 16968, Stop: 17798, Start Num: 19
Candidate Starts for Coco12_19:
(Start: 12 @16950 has 38 MA's), (Start: 19 @16968 has 222 MA's), (24, 16980), (27, 17004), (Start: 30 @17019 has 1 MA's), (36, 17064), (41, 17094), (46, 17124), (49, 17148), (59, 17238), (61, 17247), (67, 17295), (73, 17340), (75, 17346), (76, 17349), (79, 17373), (82, 17391), (89, 17454), (93, 17463), (96, 17502), (99, 17517), (104, 17553), (105, 17556), (106, 17565), (107, 17589), (110, 17610), (120,

17679), (131, 17736), (132, 17766),

Gene: Command613_26 Start: 21702, Stop: 22535, Start Num: 20
Candidate Starts for Command613_26:
(Start: 1 @21381 has 1 MA's), (2, 21405), (Start: 20 @21702 has 122 MA's), (Start: 26 @21714 has 11 MA's), (37, 21795), (40, 21816), (44, 21834), (47, 21864), (58, 21933), (78, 22101), (84, 22137), (96, 22242), (103, 22284), (108, 22329), (113, 22371), (126, 22446), (129, 22458),

Gene: Constella_32 Start: 28165, Stop: 29016, Start Num: 21
Candidate Starts for Constella_32:
(Start: 21 @28165 has 30 MA's), (25, 28171), (34, 28246), (38, 28261), (50, 28345), (55, 28390), (57, 28399), (64, 28486), (74, 28552), (77, 28579), (83, 28612), (84, 28618), (96, 28717), (100, 28735), (105, 28768), (107, 28801), (108, 28804), (110, 28825), (117, 28870), (133, 28993), (135, 28999),

Gene: Contagion_24 Start: 20941, Stop: 21774, Start Num: 20
Candidate Starts for Contagion_24:
(Start: 1 @20620 has 1 MA's), (2, 20644), (Start: 20 @20941 has 122 MA's), (Start: 26 @20953 has 11 MA's), (37, 21034), (40, 21055), (44, 21073), (47, 21103), (78, 21340), (84, 21376), (96, 21481), (103, 21523), (108, 21568), (113, 21610), (126, 21685), (129, 21697),

Gene: Cookies_25 Start: 21303, Stop: 22136, Start Num: 20
Candidate Starts for Cookies_25:
(Start: 1 @20982 has 1 MA's), (2, 21006), (Start: 20 @21303 has 122 MA's), (Start: 26 @21315 has 11 MA's), (37, 21396), (40, 21417), (44, 21435), (47, 21465), (58, 21534), (78, 21702), (84, 21738), (96, 21843), (103, 21885), (108, 21930), (113, 21972), (126, 22047), (129, 22059),

Gene: Corium_17 Start: 16607, Stop: 17440, Start Num: 19
Candidate Starts for Corium_17:
(Start: 12 @16589 has 38 MA's), (Start: 19 @16607 has 222 MA's), (24, 16619), (27, 16643), (Start: 30 @16658 has 1 MA's), (36, 16703), (41, 16733), (59, 16880), (62, 16898), (67, 16937), (73, 16982), (75, 16988), (76, 16991), (79, 17015), (80, 17018), (82, 17033), (89, 17096), (93, 17105), (96, 17144), (99, 17159), (104, 17195), (105, 17198), (106, 17207), (107, 17231), (110, 17252), (120, 17321), (131, 17378), (132, 17408),

Gene: Corndog_60 Start: 36294, Stop: 37142, Start Num: 15
Candidate Starts for Corndog_60:
(Start: 15 @36294 has 31 MA's), (Start: 19 @36300 has 222 MA's), (23, 36315), (29, 36354), (35, 36399), (45, 36453), (59, 36567), (81, 36711), (83, 36732), (93, 36795), (102, 36873), (120, 37023), (133, 37119),

Gene: Cornie_19 Start: 17437, Stop: 18264, Start Num: 17
Candidate Starts for Cornie_19:
(Start: 17 @17437 has 3 MA's), (39, 17551), (63, 17728), (67, 17764), (83, 17869), (102, 18010), (108, 18061), (123, 18169), (135, 18250),

Gene: Cornucopia_18 Start: 16608, Stop: 17438, Start Num: 19
Candidate Starts for Cornucopia_18:
(Start: 12 @16590 has 38 MA's), (Start: 19 @16608 has 222 MA's), (24, 16620), (27, 16644), (Start: 30 @16659 has 1 MA's), (36, 16704), (41, 16734), (46, 16764), (49, 16788), (59, 16878), (61, 16887), (67, 16935), (69, 16953), (73, 16980), (75, 16986), (76, 16989), (80, 17016), (82, 17031), (93, 17103), (96, 17142), (105, 17196), (106, 17205), (107, 17229), (110, 17250), (120, 17319), (131, 17376), (132, 17406),

Gene: Courthouse_35 Start: 26894, Stop: 27745, Start Num: 22
Candidate Starts for Courthouse_35:
(Start: 22 @26894 has 11 MA's), (25, 26900), (34, 26975), (42, 27017), (50, 27074), (55, 27119), (56, 27122), (64, 27215), (65, 27218), (68, 27239), (70, 27257), (77, 27308), (79, 27314), (82, 27332), (83, 27341), (96, 27446), (103, 27488), (107, 27530), (112, 27560), (119, 27620),

Gene: Crumble_17 Start: 16573, Stop: 17403, Start Num: 19
Candidate Starts for Crumble_17:
(Start: 12 @16555 has 38 MA's), (Start: 19 @16573 has 222 MA's), (24, 16585), (27, 16609), (Start: 30 @16624 has 1 MA's), (36, 16669), (41, 16699), (46, 16729), (49, 16753), (59, 16843), (61, 16852), (67, 16900), (73, 16945), (75, 16951), (76, 16954), (79, 16978), (80, 16981), (82, 16996), (89, 17059), (93, 17068), (96, 17107), (99, 17122), (104, 17158), (105, 17161), (106, 17170), (107, 17194), (110, 17215), (120, 17284), (131, 17341), (132, 17371),

Gene: CrystalP_25 Start: 21434, Stop: 22267, Start Num: 20
Candidate Starts for CrystalP_25:
(Start: 1 @21113 has 1 MA's), (2, 21137), (Start: 20 @21434 has 122 MA's), (Start: 26 @21446 has 11 MA's), (37, 21527), (40, 21548), (44, 21566), (47, 21596), (58, 21665), (78, 21833), (84, 21869), (96, 21974), (103, 22016), (108, 22061), (113, 22103), (126, 22178), (129, 22190),

Gene: Cubone_19 Start: 16736, Stop: 17578, Start Num: 19
Candidate Starts for Cubone_19:
(Start: 19 @16736 has 222 MA's), (33, 16823), (43, 16871), (46, 16898), (53, 16937), (59, 17012), (61, 17021), (73, 17114), (83, 17174), (94, 17270), (99, 17291), (102, 17315), (105, 17330), (114, 17405), (118, 17441), (125, 17492), (132, 17549), (135, 17564),

Gene: Czyszczon1_26 Start: 21179, Stop: 22012, Start Num: 20
Candidate Starts for Czyszczon1_26:
(Start: 1 @20858 has 1 MA's), (2, 20882), (Start: 20 @21179 has 122 MA's), (Start: 26 @21191 has 11 MA's), (37, 21272), (40, 21293), (44, 21311), (47, 21341), (78, 21578), (84, 21614), (96, 21719), (103, 21761), (108, 21806), (113, 21848), (126, 21923), (129, 21935),

Gene: DLane_17 Start: 16559, Stop: 17389, Start Num: 19
Candidate Starts for DLane_17:
(Start: 12 @16541 has 38 MA's), (Start: 19 @16559 has 222 MA's), (24, 16571), (27, 16595), (Start: 30 @16610 has 1 MA's), (36, 16655), (41, 16685), (46, 16715), (49, 16739), (59, 16829), (61, 16838), (67, 16886), (73, 16931), (75, 16937), (76, 16940), (79, 16964), (80, 16967), (82, 16982), (89, 17045), (93, 17054), (96, 17093), (99, 17108), (104, 17144), (105, 17147), (106, 17156), (107, 17180), (110, 17201), (120, 17270), (131, 17327), (132, 17357),

Gene: DRBy19_17 Start: 16602, Stop: 17432, Start Num: 19
Candidate Starts for DRBy19_17:
(Start: 13 @16587 has 27 MA's), (Start: 19 @16602 has 222 MA's), (24, 16614), (27, 16638), (Start: 30 @16653 has 1 MA's), (36, 16698), (41, 16728), (49, 16782), (59, 16872), (61, 16881), (67, 16929), (69, 16947), (73, 16974), (75, 16980), (76, 16983), (79, 17007), (80, 17010), (82, 17025), (93, 17097), (96, 17136), (105, 17190), (106, 17199), (107, 17223), (110, 17244), (116, 17271), (120, 17313), (131, 17370), (132, 17400),

Gene: DaWorst_19 Start: 17103, Stop: 17933, Start Num: 19
Candidate Starts for DaWorst_19:
(Start: 13 @17088 has 27 MA's), (Start: 19 @17103 has 222 MA's), (24, 17115), (27, 17139), (Start: 30 @17154 has 1 MA's), (36, 17199), (41, 17229), (49, 17283), (59, 17373), (61, 17382), (67, 17430), (69, 17448), (73, 17475), (75, 17481), (76, 17484), (79, 17508), (80, 17511), (82, 17526), (89, 17589), (93,

17598), (96, 17637), (99, 17652), (104, 17688), (105, 17691), (106, 17700), (107, 17724), (110, 17745), (120, 17814), (131, 17871), (132, 17901),

Gene: DaddyRickover_17 Start: 16741, Stop: 17571, Start Num: 19
Candidate Starts for DaddyRickover_17:
(Start: 13 @16726 has 27 MA's), (Start: 19 @16741 has 222 MA's), (24, 16753), (27, 16777), (Start: 30 @16792 has 1 MA's), (36, 16837), (41, 16867), (46, 16897), (49, 16921), (59, 17011), (61, 17020), (67, 17068), (69, 17086), (73, 17113), (75, 17119), (76, 17122), (79, 17146), (80, 17149), (89, 17227), (93, 17236), (96, 17275), (99, 17290), (104, 17326), (105, 17329), (106, 17338), (107, 17362), (110, 17383), (115, 17407), (116, 17410), (120, 17452), (131, 17509), (132, 17539),

Gene: Daenerys_17 Start: 16573, Stop: 17403, Start Num: 19
Candidate Starts for Daenerys_17:
(Start: 13 @16558 has 27 MA's), (Start: 19 @16573 has 222 MA's), (24, 16585), (27, 16609), (Start: 30 @16624 has 1 MA's), (36, 16669), (41, 16699), (46, 16729), (49, 16753), (59, 16843), (61, 16852), (67, 16900), (69, 16918), (73, 16945), (75, 16951), (76, 16954), (79, 16978), (80, 16981), (89, 17059), (93, 17068), (96, 17107), (99, 17122), (104, 17158), (105, 17161), (106, 17170), (107, 17194), (110, 17215), (115, 17239), (116, 17242), (120, 17284), (131, 17341), (132, 17371),

Gene: Daikon_23 Start: 21183, Stop: 22004, Start Num: 26
Candidate Starts for Daikon_23:
(Start: 1 @20850 has 1 MA's), (2, 20874), (Start: 20 @21171 has 122 MA's), (Start: 26 @21183 has 11 MA's), (37, 21264), (40, 21285), (44, 21303), (47, 21333), (58, 21402), (78, 21570), (84, 21606), (96, 21711), (103, 21753), (108, 21798), (113, 21840), (126, 21915), (129, 21927),

Gene: Dallas_39 Start: 28903, Stop: 29754, Start Num: 21
Candidate Starts for Dallas_39:
(Start: 21 @28903 has 30 MA's), (25, 28909), (34, 28984), (38, 28999), (50, 29083), (55, 29128), (57, 29137), (65, 29227), (77, 29317), (83, 29350), (84, 29356), (105, 29506), (107, 29539), (108, 29542), (117, 29608), (133, 29731), (135, 29737),

Gene: Dante_17 Start: 16571, Stop: 17419, Start Num: 12
Candidate Starts for Dante_17:
(Start: 12 @16571 has 38 MA's), (Start: 19 @16589 has 222 MA's), (24, 16601), (27, 16625), (Start: 30 @16640 has 1 MA's), (36, 16685), (41, 16715), (46, 16745), (49, 16769), (59, 16859), (61, 16868), (67, 16916), (73, 16961), (75, 16967), (76, 16970), (79, 16994), (82, 17012), (89, 17075), (93, 17084), (96, 17123), (99, 17138), (104, 17174), (105, 17177), (106, 17186), (107, 17210), (110, 17231), (120, 17300), (131, 17357), (132, 17387),

Gene: DeadP_17 Start: 16603, Stop: 17433, Start Num: 19
Candidate Starts for DeadP_17:
(Start: 12 @16585 has 38 MA's), (Start: 19 @16603 has 222 MA's), (24, 16615), (27, 16639), (Start: 30 @16654 has 1 MA's), (36, 16699), (41, 16729), (46, 16759), (49, 16783), (59, 16873), (61, 16882), (67, 16930), (73, 16975), (75, 16981), (76, 16984), (79, 17008), (80, 17011), (82, 17026), (89, 17089), (93, 17098), (96, 17137), (99, 17152), (104, 17188), (105, 17191), (106, 17200), (107, 17224), (110, 17245), (120, 17314), (131, 17371), (132, 17401),

Gene: Deb65_17 Start: 16570, Stop: 17400, Start Num: 19
Candidate Starts for Deb65_17:
(Start: 13 @16555 has 27 MA's), (Start: 19 @16570 has 222 MA's), (24, 16582), (27, 16606), (Start: 30 @16621 has 1 MA's), (36, 16666), (41, 16696), (46, 16726), (49, 16750), (59, 16840), (61, 16849), (63, 16861), (67, 16897), (75, 16948), (76, 16951), (79, 16975), (82, 16993), (89, 17056), (93, 17065), (99, 17119), (102, 17143), (105, 17158), (106, 17167), (107, 17191), (110, 17212), (116, 17239), (120,

17281), (131, 17338), (132, 17368),

Gene: DillTech15_17 Start: 16607, Stop: 17437, Start Num: 19
Candidate Starts for DillTech15_17:
(Start: 13 @16592 has 27 MA's), (Start: 19 @16607 has 222 MA's), (24, 16619), (27, 16643), (Start: 30 @16658 has 1 MA's), (36, 16703), (41, 16733), (49, 16787), (59, 16877), (61, 16886), (67, 16934), (69, 16952), (73, 16979), (75, 16985), (76, 16988), (79, 17012), (80, 17015), (93, 17102), (96, 17141), (105, 17195), (106, 17204), (107, 17228), (110, 17249), (116, 17276), (120, 17318), (131, 17375), (132, 17405),

Gene: DirtMcgirt_18 Start: 16394, Stop: 17224, Start Num: 19
Candidate Starts for DirtMcgirt_18:
(Start: 12 @16376 has 38 MA's), (Start: 19 @16394 has 222 MA's), (24, 16406), (27, 16430), (Start: 30 @16445 has 1 MA's), (36, 16490), (41, 16520), (46, 16550), (49, 16574), (59, 16664), (61, 16673), (67, 16721), (73, 16766), (75, 16772), (76, 16775), (79, 16799), (82, 16817), (89, 16880), (93, 16889), (96, 16928), (99, 16943), (104, 16979), (105, 16982), (106, 16991), (107, 17015), (110, 17036), (120, 17105), (131, 17162), (132, 17192),

Gene: DmpstrDiver_36 Start: 29535, Stop: 30386, Start Num: 21
Candidate Starts for DmpstrDiver_36:
(Start: 21 @29535 has 30 MA's), (25, 29541), (34, 29616), (38, 29631), (50, 29715), (55, 29760), (57, 29769), (65, 29859), (77, 29949), (83, 29982), (84, 29988), (92, 30039), (96, 30087), (100, 30105), (103, 30129), (105, 30138), (107, 30171), (108, 30174), (117, 30240), (133, 30363), (135, 30369),

Gene: DoRead_17 Start: 16539, Stop: 17369, Start Num: 19
Candidate Starts for DoRead_17:
(5, 16386), (8, 16443), (Start: 12 @16521 has 38 MA's), (Start: 19 @16539 has 222 MA's), (24, 16551), (27, 16575), (Start: 30 @16590 has 1 MA's), (36, 16635), (41, 16665), (46, 16695), (49, 16719), (59, 16809), (61, 16818), (67, 16866), (73, 16911), (75, 16917), (76, 16920), (79, 16944), (80, 16947), (82, 16962), (89, 17025), (93, 17034), (96, 17073), (99, 17088), (104, 17124), (105, 17127), (106, 17136), (107, 17160), (110, 17181), (116, 17208), (120, 17250), (131, 17307), (132, 17337), (135, 17352),

Gene: DocMcStuffins_18 Start: 16444, Stop: 17274, Start Num: 19
Candidate Starts for DocMcStuffins_18:
(Start: 13 @16429 has 27 MA's), (Start: 19 @16444 has 222 MA's), (24, 16456), (27, 16480), (Start: 30 @16495 has 1 MA's), (36, 16540), (41, 16570), (46, 16600), (49, 16624), (50, 16630), (59, 16714), (61, 16723), (67, 16771), (73, 16816), (75, 16822), (76, 16825), (79, 16849), (82, 16867), (89, 16930), (93, 16939), (96, 16978), (99, 16993), (104, 17029), (105, 17032), (106, 17041), (107, 17065), (110, 17086), (116, 17113), (120, 17155), (131, 17212), (132, 17242),

Gene: DoctorDiddles_25 Start: 20596, Stop: 21429, Start Num: 20
Candidate Starts for DoctorDiddles_25:
(Start: 1 @20275 has 1 MA's), (2, 20299), (Start: 20 @20596 has 122 MA's), (Start: 26 @20608 has 11 MA's), (37, 20689), (40, 20710), (44, 20728), (47, 20758), (58, 20827), (78, 20995), (84, 21031), (96, 21136), (103, 21178), (108, 21223), (113, 21265), (126, 21340), (129, 21352),

Gene: Donkeykong_17 Start: 16747, Stop: 17577, Start Num: 19
Candidate Starts for Donkeykong_17:
(6, 16594), (9, 16651), (Start: 12 @16729 has 38 MA's), (Start: 19 @16747 has 222 MA's), (24, 16759), (27, 16783), (Start: 30 @16798 has 1 MA's), (36, 16843), (41, 16873), (49, 16927), (59, 17017), (61, 17026), (67, 17074), (69, 17092), (73, 17119), (75, 17125), (76, 17128), (79, 17152), (80, 17155), (82, 17170), (93, 17242), (96, 17281), (105, 17335), (106, 17344), (107, 17368), (110, 17389), (116, 17416), (120, 17458), (131, 17515), (132, 17545),

Gene: Donovan_20 Start: 18133, Stop: 19026, Start Num: 16
Candidate Starts for Donovan_20:
(Start: 16 @18133 has 50 MA's), (Start: 30 @18187 has 1 MA's), (32, 18211), (37, 18235), (40, 18256), (48, 18313), (52, 18325), (56, 18367), (63, 18427), (74, 18535), (94, 18703), (95, 18706), (105, 18760), (114, 18844), (115, 18847), (120, 18901), (135, 19009), (136, 19012),

Gene: Doomphist_17 Start: 16692, Stop: 17537, Start Num: 13
Candidate Starts for Doomphist_17:
(Start: 13 @16692 has 27 MA's), (Start: 19 @16707 has 222 MA's), (24, 16719), (27, 16743), (Start: 30 @16758 has 1 MA's), (36, 16803), (41, 16833), (46, 16863), (49, 16887), (59, 16977), (61, 16986), (63, 16998), (67, 17034), (75, 17085), (76, 17088), (79, 17112), (82, 17130), (89, 17193), (93, 17202), (99, 17256), (102, 17280), (105, 17295), (106, 17304), (107, 17328), (110, 17349), (116, 17376), (120, 17418), (131, 17475), (132, 17505),

Gene: Doomslug_19 Start: 16428, Stop: 17258, Start Num: 19
Candidate Starts for Doomslug_19:
(Start: 12 @16410 has 38 MA's), (Start: 19 @16428 has 222 MA's), (24, 16440), (27, 16464), (Start: 30 @16479 has 1 MA's), (36, 16524), (41, 16554), (46, 16584), (49, 16608), (59, 16698), (61, 16707), (67, 16755), (73, 16800), (75, 16806), (76, 16809), (79, 16833), (80, 16836), (82, 16851), (89, 16914), (93, 16923), (96, 16962), (99, 16977), (104, 17013), (105, 17016), (106, 17025), (107, 17049), (110, 17070), (120, 17139), (131, 17196), (132, 17226),

Gene: Dorothy_17 Start: 16516, Stop: 17361, Start Num: 13
Candidate Starts for Dorothy_17:
(Start: 13 @16516 has 27 MA's), (Start: 19 @16531 has 222 MA's), (24, 16543), (27, 16567), (Start: 30 @16582 has 1 MA's), (36, 16627), (41, 16657), (46, 16687), (49, 16711), (59, 16801), (61, 16810), (67, 16858), (69, 16876), (73, 16903), (75, 16909), (76, 16912), (79, 16936), (80, 16939), (89, 17017), (93, 17026), (96, 17065), (99, 17080), (104, 17116), (105, 17119), (106, 17128), (107, 17152), (110, 17173), (115, 17197), (116, 17200), (120, 17242), (131, 17299), (132, 17329),

Gene: DosHalletts_18 Start: 16482, Stop: 17330, Start Num: 12
Candidate Starts for DosHalletts_18:
(4, 16323), (7, 16353), (10, 16410), (Start: 12 @16482 has 38 MA's), (Start: 19 @16500 has 222 MA's), (24, 16512), (27, 16536), (Start: 30 @16551 has 1 MA's), (36, 16596), (46, 16656), (49, 16680), (59, 16770), (61, 16779), (63, 16791), (67, 16827), (75, 16878), (76, 16881), (79, 16905), (80, 16908), (82, 16923), (89, 16986), (93, 16995), (99, 17049), (102, 17073), (105, 17088), (106, 17097), (107, 17121), (110, 17142), (114, 17163), (115, 17166), (120, 17211), (131, 17268), (132, 17298), (136, 17316),

Gene: DotProduct_17 Start: 16563, Stop: 17411, Start Num: 12
Candidate Starts for DotProduct_17:
(3, 16398), (5, 16428), (8, 16485), (Start: 12 @16563 has 38 MA's), (Start: 19 @16581 has 222 MA's), (24, 16593), (27, 16617), (Start: 30 @16632 has 1 MA's), (36, 16677), (41, 16707), (46, 16737), (49, 16761), (59, 16851), (61, 16860), (67, 16908), (73, 16953), (75, 16959), (76, 16962), (79, 16986), (82, 17004), (89, 17067), (93, 17076), (96, 17115), (99, 17130), (104, 17166), (105, 17169), (106, 17178), (107, 17202), (110, 17223), (120, 17292), (131, 17349), (132, 17379),

Gene: Doug_18 Start: 17123, Stop: 17953, Start Num: 19
Candidate Starts for Doug_18:
(Start: 13 @17108 has 27 MA's), (Start: 19 @17123 has 222 MA's), (24, 17135), (27, 17159), (Start: 30 @17174 has 1 MA's), (36, 17219), (49, 17303), (50, 17309), (59, 17393), (61, 17402), (67, 17450), (73, 17495), (75, 17501), (76, 17504), (79, 17528), (82, 17546), (89, 17609), (93, 17618), (96, 17657), (99, 17672), (105, 17711), (106, 17720), (107, 17744), (110, 17765), (120, 17834), (131, 17891), (132,

17921),

Gene: Dove_35 Start: 28401, Stop: 29252, Start Num: 21
Candidate Starts for Dove_35:
(Start: 21 @28401 has 30 MA's), (25, 28407), (34, 28482), (50, 28581), (55, 28626), (56, 28629), (65, 28725), (77, 28815), (82, 28839), (83, 28848), (85, 28863), (100, 28971), (103, 28995), (107, 29037), (122, 29148), (129, 29172), (135, 29235),

Gene: DrDrey_26 Start: 21926, Stop: 22759, Start Num: 20
Candidate Starts for DrDrey_26:
(Start: 1 @21605 has 1 MA's), (2, 21629), (Start: 20 @21926 has 122 MA's), (Start: 26 @21938 has 11 MA's), (37, 22019), (40, 22040), (44, 22058), (47, 22088), (58, 22157), (78, 22325), (84, 22361), (96, 22466), (103, 22508), (108, 22553), (113, 22595), (126, 22670), (129, 22682),

Gene: Drago_18 Start: 16374, Stop: 17222, Start Num: 12
Candidate Starts for Drago_18:
(Start: 12 @16374 has 38 MA's), (Start: 19 @16392 has 222 MA's), (24, 16404), (27, 16428), (Start: 30 @16443 has 1 MA's), (36, 16488), (41, 16518), (46, 16548), (49, 16572), (59, 16662), (61, 16671), (67, 16719), (73, 16764), (75, 16770), (76, 16773), (79, 16797), (82, 16815), (89, 16878), (93, 16887), (96, 16926), (99, 16941), (104, 16977), (105, 16980), (106, 16989), (107, 17013), (110, 17034), (120, 17103), (131, 17160), (132, 17190),

Gene: Duke13_35 Start: 28933, Stop: 29784, Start Num: 21
Candidate Starts for Duke13_35:
(Start: 21 @28933 has 30 MA's), (25, 28939), (34, 29014), (38, 29029), (50, 29113), (55, 29158), (57, 29167), (65, 29257), (77, 29347), (83, 29380), (84, 29386), (92, 29437), (96, 29485), (100, 29503), (103, 29527), (105, 29536), (107, 29569), (108, 29572), (117, 29638), (133, 29761), (135, 29767),

Gene: Dumbo_25 Start: 20901, Stop: 21734, Start Num: 20
Candidate Starts for Dumbo_25:
(Start: 1 @20580 has 1 MA's), (2, 20604), (Start: 20 @20901 has 122 MA's), (Start: 26 @20913 has 11 MA's), (37, 20994), (40, 21015), (44, 21033), (47, 21063), (78, 21300), (84, 21336), (96, 21441), (103, 21483), (108, 21528), (113, 21570), (126, 21645), (129, 21657),

Gene: Duplicity_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Duplicity_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Dusk_24 Start: 21093, Stop: 21926, Start Num: 20
Candidate Starts for Dusk_24:
(Start: 1 @20772 has 1 MA's), (2, 20796), (Start: 20 @21093 has 122 MA's), (Start: 26 @21105 has 11 MA's), (37, 21186), (40, 21207), (44, 21225), (47, 21255), (78, 21492), (84, 21528), (96, 21633), (103, 21675), (108, 21720), (113, 21762), (126, 21837), (129, 21849),

Gene: Dylan_57 Start: 35345, Stop: 36193, Start Num: 15
Candidate Starts for Dylan_57:
(Start: 15 @35345 has 31 MA's), (Start: 19 @35351 has 222 MA's), (23, 35366), (29, 35405), (35, 35450), (45, 35504), (59, 35618), (81, 35762), (83, 35783), (93, 35846), (102, 35924), (120, 36074), (133, 36170),

Gene: Dynamo_20 Start: 18153, Stop: 19046, Start Num: 16

Candidate Starts for Dynamo_20:
(Start: 16 @18153 has 50 MA's), (Start: 30 @18207 has 1 MA's), (32, 18231), (37, 18255), (40, 18276), (48, 18333), (52, 18345), (56, 18387), (63, 18447), (74, 18555), (94, 18723), (95, 18726), (105, 18780), (114, 18864), (115, 18867), (120, 18921), (135, 19029), (136, 19032),

Gene: EGUnicorn_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for EGUnicorn_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Easy2Say_27 Start: 22684, Stop: 23517, Start Num: 20
Candidate Starts for Easy2Say_27:
(Start: 1 @22363 has 1 MA's), (2, 22387), (Start: 20 @22684 has 122 MA's), (Start: 26 @22696 has 11 MA's), (37, 22777), (40, 22798), (44, 22816), (47, 22846), (78, 23083), (84, 23119), (96, 23224), (103, 23266), (108, 23311), (113, 23353), (126, 23428), (129, 23440),

Gene: Eish_17 Start: 16713, Stop: 17543, Start Num: 19
Candidate Starts for Eish_17:
(Start: 13 @16698 has 27 MA's), (Start: 19 @16713 has 222 MA's), (24, 16725), (27, 16749), (Start: 30 @16764 has 1 MA's), (36, 16809), (41, 16839), (49, 16893), (59, 16983), (61, 16992), (67, 17040), (69, 17058), (73, 17085), (75, 17091), (76, 17094), (79, 17118), (80, 17121), (93, 17208), (96, 17247), (105, 17301), (106, 17310), (107, 17334), (110, 17355), (116, 17382), (120, 17424), (131, 17481), (132, 17511),

Gene: Ejimix_38 Start: 30131, Stop: 30982, Start Num: 21
Candidate Starts for Ejimix_38:
(Start: 21 @30131 has 30 MA's), (25, 30137), (34, 30212), (50, 30311), (55, 30356), (56, 30359), (65, 30455), (77, 30545), (82, 30569), (83, 30578), (85, 30593), (100, 30701), (103, 30725), (107, 30767), (122, 30878), (129, 30902), (135, 30965),

Gene: EleanorGeorge_17 Start: 16720, Stop: 17571, Start Num: 12
Candidate Starts for EleanorGeorge_17:
(Start: 12 @16720 has 38 MA's), (Start: 19 @16738 has 222 MA's), (24, 16750), (27, 16774), (Start: 30 @16789 has 1 MA's), (36, 16834), (41, 16864), (59, 17011), (62, 17029), (67, 17068), (73, 17113), (75, 17119), (76, 17122), (79, 17146), (80, 17149), (82, 17164), (89, 17227), (93, 17236), (96, 17275), (99, 17290), (104, 17326), (105, 17329), (106, 17338), (107, 17362), (110, 17383), (120, 17452), (131, 17509), (132, 17539),

Gene: Elite2014_24 Start: 20641, Stop: 21474, Start Num: 20
Candidate Starts for Elite2014_24:
(Start: 1 @20320 has 1 MA's), (2, 20344), (Start: 20 @20641 has 122 MA's), (Start: 26 @20653 has 11 MA's), (37, 20734), (40, 20755), (44, 20773), (47, 20803), (58, 20872), (78, 21040), (84, 21076), (96, 21181), (103, 21223), (108, 21268), (113, 21310), (126, 21385), (129, 21397),

Gene: Elph10_26 Start: 20904, Stop: 21737, Start Num: 20
Candidate Starts for Elph10_26:
(Start: 1 @20583 has 1 MA's), (2, 20607), (Start: 20 @20904 has 122 MA's), (Start: 26 @20916 has 11 MA's), (37, 20997), (40, 21018), (44, 21036), (47, 21066), (78, 21303), (84, 21339), (96, 21444), (103, 21486), (108, 21531), (113, 21573), (126, 21648), (129, 21660),

Gene: EmiMonkey_17 Start: 16525, Stop: 17355, Start Num: 19
Candidate Starts for EmiMonkey_17:

(Start: 13 @16510 has 27 MA's), (Start: 19 @16525 has 222 MA's), (24, 16537), (27, 16561), (Start: 30 @16576 has 1 MA's), (36, 16621), (41, 16651), (46, 16681), (49, 16705), (59, 16795), (61, 16804), (67, 16852), (69, 16870), (73, 16897), (75, 16903), (76, 16906), (79, 16930), (80, 16933), (82, 16948), (93, 17020), (96, 17059), (105, 17113), (106, 17122), (107, 17146), (110, 17167), (116, 17194), (120, 17236), (131, 17293), (132, 17323),

Gene: Emma_17 Start: 16603, Stop: 17451, Start Num: 12
Candidate Starts for Emma_17:
(Start: 12 @16603 has 38 MA's), (Start: 19 @16621 has 222 MA's), (24, 16633), (27, 16657), (Start: 30 @16672 has 1 MA's), (36, 16717), (41, 16747), (46, 16777), (49, 16801), (59, 16891), (61, 16900), (67, 16948), (73, 16993), (75, 16999), (76, 17002), (79, 17026), (80, 17029), (82, 17044), (89, 17107), (93, 17116), (96, 17155), (99, 17170), (104, 17206), (105, 17209), (106, 17218), (107, 17242), (110, 17263), (120, 17332), (131, 17389), (132, 17419),

Gene: Emmaloid_18 Start: 16362, Stop: 17192, Start Num: 19
Candidate Starts for Emmaloid_18:
(Start: 13 @16347 has 27 MA's), (Start: 19 @16362 has 222 MA's), (24, 16374), (27, 16398), (Start: 30 @16413 has 1 MA's), (36, 16458), (41, 16488), (46, 16518), (49, 16542), (59, 16632), (61, 16641), (67, 16689), (69, 16707), (73, 16734), (75, 16740), (76, 16743), (79, 16767), (80, 16770), (82, 16785), (93, 16857), (96, 16896), (105, 16950), (106, 16959), (107, 16983), (110, 17004), (116, 17031), (120, 17073), (131, 17130), (132, 17160),

Gene: Emmina_26 Start: 21265, Stop: 22098, Start Num: 20
Candidate Starts for Emmina_26:
(Start: 1 @20944 has 1 MA's), (2, 20968), (Start: 20 @21265 has 122 MA's), (Start: 26 @21277 has 11 MA's), (37, 21358), (40, 21379), (44, 21397), (47, 21427), (78, 21664), (84, 21700), (96, 21805), (103, 21847), (108, 21892), (113, 21934), (126, 22009), (129, 22021),

Gene: Empress_18 Start: 17907, Stop: 18752, Start Num: 13
Candidate Starts for Empress_18:
(Start: 13 @17907 has 27 MA's), (Start: 19 @17922 has 222 MA's), (24, 17934), (27, 17958), (Start: 30 @17973 has 1 MA's), (36, 18018), (41, 18048), (46, 18078), (49, 18102), (59, 18192), (61, 18201), (67, 18249), (69, 18267), (73, 18294), (75, 18300), (76, 18303), (79, 18327), (80, 18330), (89, 18408), (93, 18417), (96, 18456), (99, 18471), (104, 18507), (105, 18510), (106, 18519), (107, 18543), (110, 18564), (115, 18588), (116, 18591), (120, 18633), (131, 18690), (132, 18720),

Gene: Enby_18 Start: 16392, Stop: 17222, Start Num: 19
Candidate Starts for Enby_18:
(Start: 12 @16374 has 38 MA's), (Start: 19 @16392 has 222 MA's), (24, 16404), (27, 16428), (Start: 30 @16443 has 1 MA's), (36, 16488), (41, 16518), (46, 16548), (49, 16572), (59, 16662), (61, 16671), (67, 16719), (73, 16764), (75, 16770), (76, 16773), (79, 16797), (82, 16815), (89, 16878), (93, 16887), (96, 16926), (99, 16941), (104, 16977), (105, 16980), (106, 16989), (107, 17013), (110, 17034), (120, 17103), (131, 17160), (132, 17190),

Gene: Enzomatic_19 Start: 16619, Stop: 17449, Start Num: 19
Candidate Starts for Enzomatic_19:
(Start: 12 @16601 has 38 MA's), (Start: 19 @16619 has 222 MA's), (24, 16631), (27, 16655), (Start: 30 @16670 has 1 MA's), (36, 16715), (41, 16745), (46, 16775), (49, 16799), (50, 16805), (59, 16889), (61, 16898), (67, 16946), (73, 16991), (75, 16997), (76, 17000), (79, 17024), (80, 17027), (82, 17042), (89, 17105), (93, 17114), (96, 17153), (99, 17168), (104, 17204), (105, 17207), (106, 17216), (107, 17240), (110, 17261), (114, 17282), (120, 17330), (131, 17387), (132, 17417), (136, 17435),

Gene: Eradicator_17 Start: 16536, Stop: 17366, Start Num: 19

Candidate Starts for Eradicator_17:
(Start: 13 @16521 has 27 MA's), (Start: 19 @16536 has 222 MA's), (24, 16548), (27, 16572), (Start: 30 @16587 has 1 MA's), (36, 16632), (41, 16662), (49, 16716), (59, 16806), (61, 16815), (67, 16863), (73, 16908), (75, 16914), (76, 16917), (79, 16941), (80, 16944), (82, 16959), (89, 17022), (93, 17031), (96, 17070), (99, 17085), (104, 17121), (105, 17124), (106, 17133), (107, 17157), (110, 17178), (114, 17199), (120, 17247), (131, 17304), (132, 17334),

Gene: EricMillard_38 Start: 29664, Stop: 30515, Start Num: 21
Candidate Starts for EricMillard_38:
(Start: 21 @29664 has 30 MA's), (25, 29670), (34, 29745), (50, 29844), (55, 29889), (57, 29898), (65, 29988), (77, 30078), (83, 30111), (84, 30117), (105, 30267), (107, 30300), (108, 30303), (117, 30369), (133, 30492), (135, 30498),

Gene: Estave1_17 Start: 16690, Stop: 17520, Start Num: 19
Candidate Starts for Estave1_17:
(Start: 13 @16675 has 27 MA's), (Start: 19 @16690 has 222 MA's), (27, 16726), (Start: 30 @16741 has 1 MA's), (36, 16786), (41, 16816), (49, 16870), (59, 16960), (61, 16969), (67, 17017), (69, 17035), (73, 17062), (75, 17068), (76, 17071), (79, 17095), (80, 17098), (93, 17185), (96, 17224), (102, 17263), (105, 17278), (107, 17311), (110, 17332), (116, 17359), (120, 17401), (131, 17458), (132, 17488),

Gene: Etoile_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Etoile_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Eureka_25 Start: 21419, Stop: 22252, Start Num: 20
Candidate Starts for Eureka_25:
(Start: 1 @21098 has 1 MA's), (2, 21122), (Start: 20 @21419 has 122 MA's), (Start: 26 @21431 has 11 MA's), (37, 21512), (40, 21533), (44, 21551), (47, 21581), (78, 21818), (84, 21854), (96, 21959), (103, 22001), (108, 22046), (113, 22088), (126, 22163), (129, 22175),

Gene: FairyPath_25 Start: 21631, Stop: 22464, Start Num: 20
Candidate Starts for FairyPath_25:
(Start: 1 @21310 has 1 MA's), (2, 21334), (Start: 20 @21631 has 122 MA's), (Start: 26 @21643 has 11 MA's), (37, 21724), (40, 21745), (44, 21763), (47, 21793), (58, 21862), (78, 22030), (84, 22066), (96, 22171), (103, 22213), (108, 22258), (113, 22300), (126, 22375), (129, 22387),

Gene: Familton_58 Start: 35257, Stop: 36105, Start Num: 15
Candidate Starts for Familton_58:
(Start: 15 @35257 has 31 MA's), (Start: 19 @35263 has 222 MA's), (23, 35278), (29, 35317), (35, 35362), (45, 35416), (59, 35530), (81, 35674), (83, 35695), (93, 35758), (102, 35836), (120, 35986), (133, 36082),

Gene: Fancypants_17 Start: 16581, Stop: 17411, Start Num: 19
Candidate Starts for Fancypants_17:
(Start: 12 @16563 has 38 MA's), (Start: 19 @16581 has 222 MA's), (24, 16593), (27, 16617), (Start: 30 @16632 has 1 MA's), (36, 16677), (41, 16707), (46, 16737), (49, 16761), (59, 16851), (61, 16860), (67, 16908), (73, 16953), (75, 16959), (76, 16962), (79, 16986), (80, 16989), (82, 17004), (89, 17067), (93, 17076), (96, 17115), (99, 17130), (104, 17166), (105, 17169), (106, 17178), (107, 17202), (110, 17223), (120, 17292), (131, 17349), (132, 17379),

Gene: Fastidio_17 Start: 16535, Stop: 17368, Start Num: 19

Candidate Starts for Fastidio_17:
(Start: 12 @16517 has 38 MA's), (Start: 19 @16535 has 222 MA's), (24, 16547), (27, 16571), (Start: 30 @16586 has 1 MA's), (36, 16631), (41, 16661), (59, 16808), (62, 16826), (67, 16865), (73, 16910), (75, 16916), (76, 16919), (79, 16943), (80, 16946), (82, 16961), (89, 17024), (93, 17033), (96, 17072), (99, 17087), (104, 17123), (105, 17126), (106, 17135), (107, 17159), (110, 17180), (120, 17249), (131, 17306), (132, 17336),

Gene: Filch_26 Start: 21192, Stop: 22025, Start Num: 20
Candidate Starts for Filch_26:
(Start: 1 @20871 has 1 MA's), (2, 20895), (Start: 20 @21192 has 122 MA's), (Start: 26 @21204 has 11 MA's), (37, 21285), (40, 21306), (44, 21324), (47, 21354), (58, 21423), (78, 21591), (84, 21627), (96, 21732), (103, 21774), (108, 21819), (113, 21861), (126, 21936), (129, 21948),

Gene: Filuzino_17 Start: 16563, Stop: 17393, Start Num: 19
Candidate Starts for Filuzino_17:
(Start: 12 @16545 has 38 MA's), (Start: 19 @16563 has 222 MA's), (24, 16575), (27, 16599), (Start: 30 @16614 has 1 MA's), (36, 16659), (41, 16689), (46, 16719), (49, 16743), (59, 16833), (61, 16842), (67, 16890), (75, 16941), (76, 16944), (79, 16968), (82, 16986), (89, 17049), (93, 17058), (96, 17097), (99, 17112), (104, 17148), (105, 17151), (106, 17160), (107, 17184), (110, 17205), (120, 17274), (131, 17331), (132, 17361),

Gene: FireRed_25 Start: 21462, Stop: 22295, Start Num: 20
Candidate Starts for FireRed_25:
(Start: 1 @21141 has 1 MA's), (2, 21165), (Start: 20 @21462 has 122 MA's), (Start: 26 @21474 has 11 MA's), (37, 21555), (40, 21576), (44, 21594), (47, 21624), (58, 21693), (78, 21861), (84, 21897), (96, 22002), (103, 22044), (108, 22089), (113, 22131), (126, 22206), (129, 22218),

Gene: Firecracker_58 Start: 35447, Stop: 36295, Start Num: 15
Candidate Starts for Firecracker_58:
(Start: 15 @35447 has 31 MA's), (Start: 19 @35453 has 222 MA's), (23, 35468), (29, 35507), (35, 35552), (45, 35606), (59, 35720), (81, 35864), (83, 35885), (93, 35948), (102, 36026), (120, 36176), (133, 36272),

Gene: Firehouse51_18 Start: 17130, Stop: 17960, Start Num: 19
Candidate Starts for Firehouse51_18:
(Start: 12 @17112 has 38 MA's), (Start: 19 @17130 has 222 MA's), (24, 17142), (27, 17166), (Start: 30 @17181 has 1 MA's), (36, 17226), (41, 17256), (46, 17286), (49, 17310), (59, 17400), (61, 17409), (67, 17457), (73, 17502), (75, 17508), (76, 17511), (79, 17535), (80, 17538), (82, 17553), (89, 17616), (93, 17625), (96, 17664), (99, 17679), (104, 17715), (105, 17718), (106, 17727), (107, 17751), (110, 17772), (120, 17841), (131, 17898), (132, 17928),

Gene: FirstPlacePfu_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for FirstPlacePfu_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Fishburne_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Fishburne_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Flathead_18 Start: 16438, Stop: 17268, Start Num: 19
Candidate Starts for Flathead_18:
(Start: 12 @16420 has 38 MA's), (Start: 19 @16438 has 222 MA's), (24, 16450), (27, 16474), (Start: 30 @16489 has 1 MA's), (36, 16534), (41, 16564), (46, 16594), (49, 16618), (59, 16708), (61, 16717), (63, 16729), (67, 16765), (73, 16810), (75, 16816), (76, 16819), (79, 16843), (80, 16846), (82, 16861), (89, 16924), (93, 16933), (96, 16972), (99, 16987), (104, 17023), (105, 17026), (106, 17035), (107, 17059), (110, 17080), (120, 17149), (131, 17206), (132, 17236),

Gene: Florinda_17 Start: 16592, Stop: 17422, Start Num: 19
Candidate Starts for Florinda_17:
(Start: 12 @16574 has 38 MA's), (Start: 19 @16592 has 222 MA's), (24, 16604), (27, 16628), (Start: 30 @16643 has 1 MA's), (36, 16688), (41, 16718), (46, 16748), (49, 16772), (59, 16862), (61, 16871), (63, 16883), (67, 16919), (75, 16970), (76, 16973), (79, 16997), (82, 17015), (89, 17078), (93, 17087), (96, 17126), (99, 17141), (105, 17180), (106, 17189), (107, 17213), (110, 17234), (120, 17303), (131, 17360), (132, 17390),

Gene: Flypotenuse_23 Start: 21050, Stop: 21883, Start Num: 20
Candidate Starts for Flypotenuse_23:
(Start: 1 @20729 has 1 MA's), (2, 20753), (Start: 20 @21050 has 122 MA's), (Start: 26 @21062 has 11 MA's), (37, 21143), (40, 21164), (44, 21182), (47, 21212), (58, 21281), (78, 21449), (84, 21485), (96, 21590), (103, 21632), (108, 21677), (113, 21719), (126, 21794), (129, 21806),

Gene: FoghornLeghorn_24 Start: 20950, Stop: 21771, Start Num: 26
Candidate Starts for FoghornLeghorn_24:
(Start: 1 @20617 has 1 MA's), (2, 20641), (Start: 20 @20938 has 122 MA's), (Start: 26 @20950 has 11 MA's), (37, 21031), (40, 21052), (44, 21070), (47, 21100), (78, 21337), (84, 21373), (96, 21478), (103, 21520), (108, 21565), (113, 21607), (126, 21682), (129, 21694),

Gene: FoulBall_57 Start: 35251, Stop: 36099, Start Num: 15
Candidate Starts for FoulBall_57:
(Start: 15 @35251 has 31 MA's), (Start: 19 @35257 has 222 MA's), (23, 35272), (29, 35311), (35, 35356), (45, 35410), (59, 35524), (81, 35668), (83, 35689), (93, 35752), (102, 35830), (120, 35980), (133, 36076),

Gene: Frankie_18 Start: 16658, Stop: 17506, Start Num: 12
Candidate Starts for Frankie_18:
(Start: 12 @16658 has 38 MA's), (Start: 19 @16676 has 222 MA's), (24, 16688), (27, 16712), (Start: 30 @16727 has 1 MA's), (36, 16772), (46, 16832), (49, 16856), (59, 16946), (61, 16955), (67, 17003), (73, 17048), (75, 17054), (76, 17057), (79, 17081), (80, 17084), (82, 17099), (89, 17162), (93, 17171), (96, 17210), (99, 17225), (104, 17261), (105, 17264), (106, 17273), (107, 17297), (110, 17318), (116, 17345), (120, 17387), (131, 17444), (132, 17474),

Gene: FreddyB_17 Start: 16580, Stop: 17410, Start Num: 19
Candidate Starts for FreddyB_17:
(Start: 12 @16562 has 38 MA's), (Start: 19 @16580 has 222 MA's), (24, 16592), (27, 16616), (Start: 30 @16631 has 1 MA's), (36, 16676), (41, 16706), (46, 16736), (49, 16760), (50, 16766), (59, 16850), (61, 16859), (67, 16907), (73, 16952), (75, 16958), (76, 16961), (79, 16985), (80, 16988), (82, 17003), (89, 17066), (93, 17075), (96, 17114), (99, 17129), (104, 17165), (105, 17168), (106, 17177), (107, 17201), (110, 17222), (120, 17291), (131, 17348), (132, 17378), (136, 17396),

Gene: Fruitloop_17 Start: 16584, Stop: 17432, Start Num: 12
Candidate Starts for Fruitloop_17:

(Start: 12 @16584 has 38 MA's), (Start: 19 @16602 has 222 MA's), (24, 16614), (27, 16638), (Start: 30 @16653 has 1 MA's), (36, 16698), (41, 16728), (46, 16758), (49, 16782), (59, 16872), (61, 16881), (67, 16929), (73, 16974), (75, 16980), (76, 16983), (79, 17007), (80, 17010), (82, 17025), (89, 17088), (93, 17097), (96, 17136), (99, 17151), (104, 17187), (105, 17190), (106, 17199), (107, 17223), (110, 17244), (120, 17313), (131, 17370), (132, 17400),

Gene: Fulbright_19 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Fulbright_19:
(Start: 19 @16711 has 222 MA's), (33, 16798), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: GUmbie_17 Start: 16557, Stop: 17405, Start Num: 13
Candidate Starts for GUmbie_17:
(Start: 13 @16557 has 27 MA's), (Start: 19 @16572 has 222 MA's), (24, 16584), (27, 16608), (Start: 30 @16623 has 1 MA's), (36, 16668), (41, 16698), (59, 16845), (62, 16863), (67, 16902), (79, 16980), (80, 16983), (93, 17070), (96, 17109), (105, 17163), (106, 17172), (107, 17196), (110, 17217), (116, 17244), (120, 17286), (131, 17343), (132, 17373),

Gene: Gage_27 Start: 21436, Stop: 22257, Start Num: 26
Candidate Starts for Gage_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: Galactic_17 Start: 16567, Stop: 17397, Start Num: 19
Candidate Starts for Galactic_17:
(Start: 12 @16549 has 38 MA's), (Start: 19 @16567 has 222 MA's), (24, 16579), (27, 16603), (Start: 30 @16618 has 1 MA's), (36, 16663), (41, 16693), (46, 16723), (49, 16747), (59, 16837), (61, 16846), (67, 16894), (73, 16939), (75, 16945), (76, 16948), (79, 16972), (80, 16975), (82, 16990), (89, 17053), (93, 17062), (96, 17101), (99, 17116), (104, 17152), (105, 17155), (106, 17164), (107, 17188), (110, 17209), (120, 17278), (131, 17335), (132, 17365),

Gene: GaloreK_20 Start: 18140, Stop: 19033, Start Num: 16
Candidate Starts for GaloreK_20:
(Start: 16 @18140 has 50 MA's), (Start: 30 @18194 has 1 MA's), (32, 18218), (37, 18242), (40, 18263), (48, 18320), (52, 18332), (56, 18374), (63, 18434), (74, 18542), (94, 18710), (95, 18713), (105, 18767), (114, 18851), (115, 18854), (120, 18908), (135, 19016), (136, 19019),

Gene: Gandalph_17 Start: 16586, Stop: 17416, Start Num: 19
Candidate Starts for Gandalph_17:
(Start: 12 @16568 has 38 MA's), (Start: 19 @16586 has 222 MA's), (24, 16598), (27, 16622), (Start: 30 @16637 has 1 MA's), (36, 16682), (41, 16712), (46, 16742), (49, 16766), (50, 16772), (59, 16856), (61, 16865), (67, 16913), (73, 16958), (75, 16964), (76, 16967), (79, 16991), (80, 16994), (82, 17009), (89, 17072), (93, 17081), (96, 17120), (99, 17135), (104, 17171), (105, 17174), (106, 17183), (107, 17207), (110, 17228), (120, 17297), (131, 17354), (132, 17384), (136, 17402),

Gene: Gator_23 Start: 21049, Stop: 21882, Start Num: 20
Candidate Starts for Gator_23:
(Start: 1 @20728 has 1 MA's), (2, 20752), (Start: 20 @21049 has 122 MA's), (Start: 26 @21061 has 11 MA's), (37, 21142), (40, 21163), (44, 21181), (47, 21211), (78, 21448), (84, 21484), (96, 21589), (103, 21631), (108, 21676), (113, 21718), (126, 21793), (129, 21805),

Gene: Gavriela_20 Start: 18032, Stop: 18925, Start Num: 16
Candidate Starts for Gavriela_20:
(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623), (100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: Gemini_28 Start: 21941, Stop: 22774, Start Num: 20
Candidate Starts for Gemini_28:
(Start: 1 @21620 has 1 MA's), (2, 21644), (Start: 20 @21941 has 122 MA's), (Start: 26 @21953 has 11 MA's), (37, 22034), (40, 22055), (44, 22073), (47, 22103), (78, 22340), (84, 22376), (96, 22481), (103, 22523), (108, 22568), (113, 22610), (126, 22685), (129, 22697),

Gene: Geralt_17 Start: 16569, Stop: 17399, Start Num: 19
Candidate Starts for Geralt_17:
(Start: 12 @16551 has 38 MA's), (Start: 19 @16569 has 222 MA's), (24, 16581), (27, 16605), (Start: 30 @16620 has 1 MA's), (36, 16665), (41, 16695), (46, 16725), (49, 16749), (59, 16839), (61, 16848), (63, 16860), (67, 16896), (73, 16941), (75, 16947), (76, 16950), (79, 16974), (80, 16977), (82, 16992), (89, 17055), (93, 17064), (99, 17118), (102, 17142), (105, 17157), (106, 17166), (107, 17190), (110, 17211), (116, 17238), (120, 17280), (131, 17337), (132, 17367),

Gene: Gex_19 Start: 16710, Stop: 17552, Start Num: 19
Candidate Starts for Gex_19:
(Start: 19 @16710 has 222 MA's), (33, 16797), (34, 16803), (43, 16845), (46, 16872), (53, 16911), (59, 16986), (61, 16995), (73, 17088), (83, 17148), (94, 17244), (99, 17265), (102, 17289), (105, 17304), (114, 17379), (118, 17415), (125, 17466), (132, 17523), (135, 17538),

Gene: GigiOuiOui_17 Start: 16700, Stop: 17530, Start Num: 19
Candidate Starts for GigiOuiOui_17:
(Start: 13 @16685 has 27 MA's), (Start: 19 @16700 has 222 MA's), (24, 16712), (27, 16736), (Start: 30 @16751 has 1 MA's), (36, 16796), (41, 16826), (49, 16880), (59, 16970), (61, 16979), (67, 17027), (69, 17045), (73, 17072), (75, 17078), (76, 17081), (79, 17105), (80, 17108), (82, 17123), (93, 17195), (96, 17234), (105, 17288), (106, 17297), (107, 17321), (110, 17342), (116, 17369), (120, 17411), (131, 17468), (132, 17498),

Gene: Girafales_18 Start: 16400, Stop: 17230, Start Num: 19
Candidate Starts for Girafales_18:
(Start: 12 @16382 has 38 MA's), (Start: 19 @16400 has 222 MA's), (24, 16412), (27, 16436), (Start: 30 @16451 has 1 MA's), (36, 16496), (41, 16526), (46, 16556), (49, 16580), (59, 16670), (61, 16679), (63, 16691), (67, 16727), (75, 16778), (76, 16781), (79, 16805), (82, 16823), (89, 16886), (93, 16895), (96, 16934), (99, 16949), (105, 16988), (106, 16997), (107, 17021), (110, 17042), (120, 17111), (131, 17168), (132, 17198),

Gene: Girr_17 Start: 16541, Stop: 17374, Start Num: 19
Candidate Starts for Girr_17:
(Start: 13 @16526 has 27 MA's), (Start: 19 @16541 has 222 MA's), (24, 16553), (27, 16577), (Start: 30 @16592 has 1 MA's), (36, 16637), (41, 16667), (59, 16814), (62, 16832), (67, 16871), (79, 16949), (80, 16952), (93, 17039), (96, 17078), (105, 17132), (106, 17141), (107, 17165), (110, 17186), (116, 17213), (120, 17255), (131, 17312), (132, 17342),

Gene: Glaske_20 Start: 18032, Stop: 18925, Start Num: 16
Candidate Starts for Glaske_20:
(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623),

(100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: Glexan_23 Start: 21050, Stop: 21883, Start Num: 20
Candidate Starts for Glexan_23:
(Start: 1 @20729 has 1 MA's), (2, 20753), (Start: 20 @21050 has 122 MA's), (Start: 26 @21062 has 11 MA's), (37, 21143), (40, 21164), (44, 21182), (47, 21212), (58, 21281), (78, 21449), (84, 21485), (96, 21590), (103, 21632), (108, 21677), (113, 21719), (126, 21794), (129, 21806),

Gene: Goku_25 Start: 21148, Stop: 21981, Start Num: 20
Candidate Starts for Goku_25:
(Start: 1 @20827 has 1 MA's), (2, 20851), (Start: 20 @21148 has 122 MA's), (Start: 26 @21160 has 11 MA's), (37, 21241), (40, 21262), (44, 21280), (47, 21310), (78, 21547), (84, 21583), (96, 21688), (103, 21730), (108, 21775), (113, 21817), (126, 21892), (129, 21904),

Gene: GoldenSpark_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for GoldenSpark_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (58, 21655), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: Goldilocks_26 Start: 20844, Stop: 21677, Start Num: 20
Candidate Starts for Goldilocks_26:
(Start: 1 @20523 has 1 MA's), (2, 20547), (Start: 20 @20844 has 122 MA's), (Start: 26 @20856 has 11 MA's), (37, 20937), (40, 20958), (44, 20976), (47, 21006), (78, 21243), (84, 21279), (96, 21384), (103, 21426), (108, 21471), (113, 21513), (126, 21588), (129, 21600),

Gene: Gonephishing_33 Start: 27045, Stop: 27896, Start Num: 22
Candidate Starts for Gonephishing_33:
(Start: 22 @27045 has 11 MA's), (25, 27051), (34, 27126), (42, 27168), (50, 27225), (55, 27270), (56, 27273), (64, 27366), (65, 27369), (77, 27459), (79, 27465), (82, 27483), (83, 27492), (96, 27597), (103, 27639), (107, 27681), (112, 27711), (119, 27771),

Gene: GooberAzure_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for GooberAzure_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: Gorge_17 Start: 16541, Stop: 17386, Start Num: 13
Candidate Starts for Gorge_17:
(Start: 13 @16541 has 27 MA's), (Start: 19 @16556 has 222 MA's), (24, 16568), (27, 16592), (Start: 30 @16607 has 1 MA's), (36, 16652), (41, 16682), (49, 16736), (59, 16826), (61, 16835), (67, 16883), (69, 16901), (73, 16928), (75, 16934), (76, 16937), (79, 16961), (80, 16964), (82, 16979), (93, 17051), (96, 17090), (105, 17144), (106, 17153), (107, 17177), (110, 17198), (116, 17225), (120, 17267), (131, 17324), (132, 17354),

Gene: GreaseLightnin_20 Start: 18150, Stop: 19043, Start Num: 16
Candidate Starts for GreaseLightnin_20:
(Start: 16 @18150 has 50 MA's), (Start: 30 @18204 has 1 MA's), (32, 18228), (37, 18252), (40, 18273), (48, 18330), (52, 18342), (56, 18384), (63, 18444), (74, 18552), (94, 18720), (95, 18723), (105, 18777), (114, 18861), (115, 18864), (120, 18918), (135, 19026), (136, 19029),

Gene: Greep_26 Start: 21754, Stop: 22587, Start Num: 20

Candidate Starts for Greep_26:
(Start: 1 @21433 has 1 MA's), (2, 21457), (Start: 20 @21754 has 122 MA's), (Start: 26 @21766 has 11 MA's), (37, 21847), (40, 21868), (44, 21886), (47, 21916), (58, 21985), (78, 22153), (84, 22189), (96, 22294), (103, 22336), (108, 22381), (113, 22423), (126, 22498), (129, 22510),

Gene: Grimmer_18 Start: 17233, Stop: 18063, Start Num: 19
Candidate Starts for Grimmer_18:
(Start: 13 @17218 has 27 MA's), (Start: 19 @17233 has 222 MA's), (24, 17245), (27, 17269), (Start: 30 @17284 has 1 MA's), (36, 17329), (41, 17359), (49, 17413), (50, 17419), (59, 17503), (61, 17512), (67, 17560), (73, 17605), (75, 17611), (76, 17614), (79, 17638), (80, 17641), (82, 17656), (89, 17719), (93, 17728), (96, 17767), (99, 17782), (104, 17818), (105, 17821), (106, 17830), (107, 17854), (110, 17875), (116, 17902), (120, 17944), (131, 18001), (132, 18031),

Gene: Guppsters_18 Start: 16754, Stop: 17587, Start Num: 19
Candidate Starts for Guppsters_18:
(Start: 12 @16736 has 38 MA's), (Start: 19 @16754 has 222 MA's), (24, 16766), (27, 16790), (Start: 30 @16805 has 1 MA's), (36, 16850), (41, 16880), (59, 17027), (62, 17045), (67, 17084), (73, 17129), (75, 17135), (76, 17138), (79, 17162), (80, 17165), (82, 17180), (89, 17243), (93, 17252), (96, 17291), (99, 17306), (102, 17330), (104, 17342), (105, 17345), (106, 17354), (107, 17378), (110, 17399), (114, 17420), (115, 17423), (120, 17468), (131, 17525), (132, 17555), (136, 17573),

Gene: HC_20 Start: 18233, Stop: 19084, Start Num: 14
Candidate Starts for HC_20:
(Start: 14 @18233 has 10 MA's), (31, 18299), (51, 18434), (54, 18470), (60, 18518), (67, 18572), (72, 18614), (81, 18653), (83, 18674), (86, 18692), (93, 18737), (100, 18803), (109, 18890), (111, 18899), (113, 18914), (114, 18917), (115, 18920), (126, 19004), (133, 19061),

Gene: HUHilltop_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for HUHilltop_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Hades_17 Start: 16561, Stop: 17409, Start Num: 12
Candidate Starts for Hades_17:
(Start: 12 @16561 has 38 MA's), (Start: 19 @16579 has 222 MA's), (24, 16591), (27, 16615), (Start: 30 @16630 has 1 MA's), (36, 16675), (41, 16705), (46, 16735), (49, 16759), (59, 16849), (61, 16858), (67, 16906), (73, 16951), (75, 16957), (76, 16960), (79, 16984), (82, 17002), (89, 17065), (93, 17074), (96, 17113), (99, 17128), (104, 17164), (105, 17167), (106, 17176), (107, 17200), (110, 17221), (120, 17290), (131, 17347), (132, 17377), (136, 17395),

Gene: Halley_38 Start: 29377, Stop: 30228, Start Num: 21
Candidate Starts for Halley_38:
(Start: 21 @29377 has 30 MA's), (25, 29383), (34, 29458), (38, 29473), (50, 29557), (55, 29602), (57, 29611), (65, 29701), (77, 29791), (83, 29824), (84, 29830), (105, 29980), (107, 30013), (108, 30016), (117, 30082), (133, 30205), (135, 30211),

Gene: Hamulus_17 Start: 16576, Stop: 17406, Start Num: 19
Candidate Starts for Hamulus_17:
(Start: 12 @16558 has 38 MA's), (Start: 19 @16576 has 222 MA's), (24, 16588), (27, 16612), (Start: 30 @16627 has 1 MA's), (36, 16672), (41, 16702), (46, 16732), (49, 16756), (59, 16846), (61, 16855), (67, 16903), (73, 16948), (75, 16954), (76, 16957), (79, 16981), (80, 16984), (82, 16999), (89, 17062), (93, 17071), (96, 17110), (99, 17125), (104, 17161), (105, 17164), (106, 17173), (107, 17197), (110,

17218), (120, 17287), (131, 17344), (132, 17374),

Gene: HanKaySha_26 Start: 21176, Stop: 22009, Start Num: 20
Candidate Starts for HanKaySha_26:
(Start: 1 @20855 has 1 MA's), (2, 20879), (Start: 20 @21176 has 122 MA's), (Start: 26 @21188 has 11 MA's), (37, 21269), (40, 21290), (44, 21308), (47, 21338), (58, 21407), (78, 21575), (84, 21611), (96, 21716), (103, 21758), (108, 21803), (113, 21845), (126, 21920), (129, 21932),

Gene: Hanako_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Hanako_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Hannaconda_32 Start: 25530, Stop: 26381, Start Num: 22
Candidate Starts for Hannaconda_32:
(Start: 22 @25530 has 11 MA's), (25, 25536), (34, 25611), (42, 25653), (50, 25710), (55, 25755), (56, 25758), (64, 25851), (65, 25854), (68, 25875), (77, 25944), (82, 25968), (83, 25977), (96, 26082), (103, 26124), (107, 26166), (112, 26196), (119, 26256),

Gene: Harella_24 Start: 21578, Stop: 22399, Start Num: 26
Candidate Starts for Harella_24:
(Start: 1 @21245 has 1 MA's), (2, 21269), (Start: 20 @21566 has 122 MA's), (Start: 26 @21578 has 11 MA's), (37, 21659), (40, 21680), (44, 21698), (47, 21728), (58, 21797), (78, 21965), (84, 22001), (96, 22106), (103, 22148), (108, 22193), (113, 22235), (126, 22310), (129, 22322),

Gene: Harley_17 Start: 16566, Stop: 17396, Start Num: 19
Candidate Starts for Harley_17:
(Start: 13 @16551 has 27 MA's), (Start: 19 @16566 has 222 MA's), (24, 16578), (27, 16602), (Start: 30 @16617 has 1 MA's), (36, 16662), (41, 16692), (46, 16722), (49, 16746), (59, 16836), (61, 16845), (67, 16893), (73, 16938), (75, 16944), (76, 16947), (79, 16971), (80, 16974), (89, 17052), (93, 17061), (96, 17100), (99, 17115), (104, 17151), (105, 17154), (106, 17163), (107, 17187), (110, 17208), (115, 17232), (116, 17235), (120, 17277), (131, 17334), (132, 17364),

Gene: Hegedechwinu_18 Start: 16424, Stop: 17257, Start Num: 19
Candidate Starts for Hegedechwinu_18:
(Start: 13 @16409 has 27 MA's), (Start: 19 @16424 has 222 MA's), (24, 16436), (27, 16460), (Start: 30 @16475 has 1 MA's), (36, 16520), (41, 16550), (59, 16697), (62, 16715), (67, 16754), (73, 16799), (75, 16805), (76, 16808), (79, 16832), (80, 16835), (82, 16850), (89, 16913), (93, 16922), (96, 16961), (99, 16976), (104, 17012), (105, 17015), (106, 17024), (107, 17048), (110, 17069), (120, 17138), (131, 17195), (132, 17225),

Gene: Henry_25 Start: 21433, Stop: 22266, Start Num: 20
Candidate Starts for Henry_25:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (58, 21664), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: Hidrated_38 Start: 31420, Stop: 32271, Start Num: 21
Candidate Starts for Hidrated_38:
(Start: 21 @31420 has 30 MA's), (25, 31426), (34, 31501), (38, 31516), (50, 31600), (55, 31645), (57, 31654), (64, 31741), (74, 31807), (77, 31834), (83, 31867), (84, 31873), (96, 31972), (100, 31990), (105, 32023), (107, 32056), (108, 32059), (110, 32080), (117, 32125), (133, 32248), (135, 32254),

Gene: Highbury_26 Start: 21095, Stop: 21928, Start Num: 20
Candidate Starts for Highbury_26:
(Start: 1 @20774 has 1 MA's), (2, 20798), (Start: 20 @21095 has 122 MA's), (Start: 26 @21107 has 11 MA's), (37, 21188), (40, 21209), (44, 21227), (47, 21257), (78, 21494), (84, 21530), (96, 21635), (103, 21677), (108, 21722), (113, 21764), (126, 21839), (129, 21851),

Gene: Hlubikazi_17 Start: 16668, Stop: 17498, Start Num: 19
Candidate Starts for Hlubikazi_17:
(Start: 12 @16650 has 38 MA's), (Start: 19 @16668 has 222 MA's), (24, 16680), (27, 16704), (Start: 30 @16719 has 1 MA's), (36, 16764), (41, 16794), (49, 16848), (59, 16938), (61, 16947), (67, 16995), (69, 17013), (73, 17040), (75, 17046), (76, 17049), (79, 17073), (80, 17076), (93, 17163), (96, 17202), (105, 17256), (106, 17265), (107, 17289), (110, 17310), (116, 17337), (120, 17379), (131, 17436), (132, 17466),

Gene: HokkenD_33 Start: 28926, Stop: 29777, Start Num: 21
Candidate Starts for HokkenD_33:
(Start: 21 @28926 has 30 MA's), (25, 28932), (34, 29007), (38, 29022), (50, 29106), (55, 29151), (57, 29160), (65, 29250), (77, 29340), (83, 29373), (84, 29379), (105, 29529), (107, 29562), (108, 29565), (117, 29631), (133, 29754), (135, 29760),

Gene: Holt_26 Start: 20714, Stop: 21547, Start Num: 20
Candidate Starts for Holt_26:
(Start: 1 @20393 has 1 MA's), (2, 20417), (Start: 20 @20714 has 122 MA's), (Start: 26 @20726 has 11 MA's), (37, 20807), (40, 20828), (44, 20846), (47, 20876), (58, 20945), (78, 21113), (84, 21149), (96, 21254), (103, 21296), (108, 21341), (113, 21383), (126, 21458), (129, 21470),

Gene: Hoonter_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for Hoonter_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (58, 21655), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: Hopey_27 Start: 21711, Stop: 22544, Start Num: 20
Candidate Starts for Hopey_27:
(Start: 1 @21390 has 1 MA's), (2, 21414), (Start: 20 @21711 has 122 MA's), (Start: 26 @21723 has 11 MA's), (37, 21804), (40, 21825), (44, 21843), (47, 21873), (58, 21942), (78, 22110), (84, 22146), (96, 22251), (103, 22293), (108, 22338), (113, 22380), (126, 22455), (129, 22467),

Gene: HufflyPuff_24 Start: 21418, Stop: 22251, Start Num: 20
Candidate Starts for HufflyPuff_24:
(Start: 1 @21097 has 1 MA's), (2, 21121), (Start: 20 @21418 has 122 MA's), (Start: 26 @21430 has 11 MA's), (37, 21511), (40, 21532), (44, 21550), (47, 21580), (58, 21649), (78, 21817), (84, 21853), (96, 21958), (103, 22000), (108, 22045), (113, 22087), (126, 22162), (129, 22174),

Gene: Hughesyang_36 Start: 29274, Stop: 30125, Start Num: 21
Candidate Starts for Hughesyang_36:
(Start: 21 @29274 has 30 MA's), (25, 29280), (34, 29355), (50, 29454), (55, 29499), (56, 29502), (65, 29598), (77, 29688), (82, 29712), (83, 29721), (85, 29736), (100, 29844), (103, 29868), (107, 29910), (122, 30021), (129, 30045), (135, 30108),

Gene: IHOP_25 Start: 21610, Stop: 22443, Start Num: 20
Candidate Starts for IHOP_25:

(Start: 1 @21289 has 1 MA's), (2, 21313), (Start: 20 @21610 has 122 MA's), (Start: 26 @21622 has 11 MA's), (37, 21703), (40, 21724), (44, 21742), (47, 21772), (58, 21841), (78, 22009), (84, 22045), (96, 22150), (103, 22192), (108, 22237), (113, 22279), (126, 22354), (129, 22366),

Gene: IMpilo_17 Start: 16603, Stop: 17433, Start Num: 19
Candidate Starts for IMpilo_17:
(Start: 12 @16585 has 38 MA's), (Start: 19 @16603 has 222 MA's), (24, 16615), (27, 16639), (Start: 30 @16654 has 1 MA's), (36, 16699), (41, 16729), (46, 16759), (49, 16783), (59, 16873), (61, 16882), (67, 16930), (73, 16975), (75, 16981), (76, 16984), (79, 17008), (80, 17011), (82, 17026), (89, 17089), (93, 17098), (96, 17137), (99, 17152), (104, 17188), (105, 17191), (106, 17200), (107, 17224), (110, 17245), (120, 17314), (131, 17371), (132, 17401),

Gene: IbOuu_17 Start: 16570, Stop: 17400, Start Num: 19
Candidate Starts for IbOuu_17:
(Start: 13 @16555 has 27 MA's), (Start: 19 @16570 has 222 MA's), (24, 16582), (27, 16606), (Start: 30 @16621 has 1 MA's), (36, 16666), (41, 16696), (46, 16726), (49, 16750), (59, 16840), (61, 16849), (67, 16897), (69, 16915), (73, 16942), (75, 16948), (76, 16951), (79, 16975), (80, 16978), (89, 17056), (93, 17065), (96, 17104), (99, 17119), (104, 17155), (105, 17158), (106, 17167), (107, 17191), (110, 17212), (115, 17236), (116, 17239), (120, 17281), (131, 17338), (132, 17368),

Gene: Ibhubesi_17 Start: 16551, Stop: 17396, Start Num: 13
Candidate Starts for Ibhubesi_17:
(Start: 13 @16551 has 27 MA's), (Start: 19 @16566 has 222 MA's), (24, 16578), (27, 16602), (Start: 30 @16617 has 1 MA's), (36, 16662), (41, 16692), (46, 16722), (49, 16746), (59, 16836), (61, 16845), (67, 16893), (73, 16938), (75, 16944), (76, 16947), (79, 16971), (80, 16974), (89, 17052), (93, 17061), (96, 17100), (99, 17115), (104, 17151), (105, 17154), (106, 17163), (107, 17187), (110, 17208), (115, 17232), (116, 17235), (120, 17277), (131, 17334), (132, 17364),

Gene: Icee_24 Start: 21093, Stop: 21926, Start Num: 20
Candidate Starts for Icee_24:
(Start: 1 @20772 has 1 MA's), (2, 20796), (Start: 20 @21093 has 122 MA's), (Start: 26 @21105 has 11 MA's), (37, 21186), (40, 21207), (44, 21225), (47, 21255), (78, 21492), (84, 21528), (96, 21633), (103, 21675), (108, 21720), (113, 21762), (126, 21837), (129, 21849),

Gene: Idergollasper_57 Start: 35251, Stop: 36099, Start Num: 15
Candidate Starts for Idergollasper_57:
(Start: 15 @35251 has 31 MA's), (Start: 19 @35257 has 222 MA's), (23, 35272), (29, 35311), (35, 35356), (45, 35410), (59, 35524), (81, 35668), (83, 35689), (93, 35752), (102, 35830), (120, 35980), (133, 36076),

Gene: Imara_57 Start: 35051, Stop: 35899, Start Num: 15
Candidate Starts for Imara_57:
(Start: 15 @35051 has 31 MA's), (Start: 19 @35057 has 222 MA's), (23, 35072), (29, 35111), (35, 35156), (45, 35210), (59, 35324), (81, 35468), (83, 35489), (93, 35552), (102, 35630), (120, 35780), (133, 35876),

Gene: Impisi_20 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Impisi_20:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Inca_24 Start: 20113, Stop: 20946, Start Num: 20

Candidate Starts for Inca_24:
(Start: 1 @19792 has 1 MA's), (2, 19816), (Start: 20 @20113 has 122 MA's), (Start: 26 @20125 has 11 MA's), (37, 20206), (40, 20227), (44, 20245), (47, 20275), (78, 20512), (84, 20548), (96, 20653), (103, 20695), (108, 20740), (113, 20782), (126, 20857), (129, 20869),

Gene: Inventum_17 Start: 16705, Stop: 17535, Start Num: 19
Candidate Starts for Inventum_17:
(Start: 13 @16690 has 27 MA's), (Start: 19 @16705 has 222 MA's), (24, 16717), (27, 16741), (Start: 30 @16756 has 1 MA's), (36, 16801), (41, 16831), (46, 16861), (49, 16885), (59, 16975), (61, 16984), (63, 16996), (67, 17032), (75, 17083), (76, 17086), (79, 17110), (82, 17128), (89, 17191), (93, 17200), (99, 17254), (102, 17278), (105, 17293), (106, 17302), (107, 17326), (110, 17347), (116, 17374), (120, 17416), (131, 17473), (132, 17503),

Gene: IrishSherpFalk_18 Start: 17930, Stop: 18760, Start Num: 19
Candidate Starts for IrishSherpFalk_18:
(Start: 13 @17915 has 27 MA's), (Start: 19 @17930 has 222 MA's), (24, 17942), (27, 17966), (Start: 30 @17981 has 1 MA's), (36, 18026), (41, 18056), (49, 18110), (59, 18200), (61, 18209), (67, 18257), (69, 18275), (73, 18302), (75, 18308), (76, 18311), (79, 18335), (80, 18338), (82, 18353), (93, 18425), (96, 18464), (105, 18518), (106, 18527), (107, 18551), (110, 18572), (116, 18599), (120, 18641), (131, 18698), (132, 18728),

Gene: Island3_20 Start: 18241, Stop: 19092, Start Num: 14
Candidate Starts for Island3_20:
(Start: 14 @18241 has 10 MA's), (31, 18307), (51, 18442), (54, 18478), (60, 18526), (67, 18580), (72, 18622), (81, 18661), (83, 18682), (86, 18700), (93, 18745), (100, 18811), (109, 18898), (111, 18907), (113, 18922), (114, 18925), (115, 18928), (126, 19012), (133, 19069),

Gene: JalFarm20_19 Start: 16940, Stop: 17770, Start Num: 19
Candidate Starts for JalFarm20_19:
(Start: 12 @16922 has 38 MA's), (Start: 19 @16940 has 222 MA's), (24, 16952), (27, 16976), (Start: 30 @16991 has 1 MA's), (36, 17036), (41, 17066), (46, 17096), (49, 17120), (59, 17210), (61, 17219), (67, 17267), (73, 17312), (75, 17318), (76, 17321), (79, 17345), (80, 17348), (82, 17363), (89, 17426), (93, 17435), (96, 17474), (99, 17489), (104, 17525), (105, 17528), (106, 17537), (107, 17561), (110, 17582), (120, 17651), (131, 17708), (132, 17738),

Gene: James_17 Start: 16555, Stop: 17400, Start Num: 13
Candidate Starts for James_17:
(Start: 13 @16555 has 27 MA's), (Start: 19 @16570 has 222 MA's), (24, 16582), (27, 16606), (Start: 30 @16621 has 1 MA's), (36, 16666), (41, 16696), (49, 16750), (59, 16840), (61, 16849), (67, 16897), (69, 16915), (73, 16942), (75, 16948), (76, 16951), (79, 16975), (80, 16978), (82, 16993), (93, 17065), (96, 17104), (105, 17158), (106, 17167), (107, 17191), (110, 17212), (116, 17239), (120, 17281), (131, 17338), (132, 17368),

Gene: Jamie19_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Jamie19_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: JangDynasty_57 Start: 35337, Stop: 36185, Start Num: 15
Candidate Starts for JangDynasty_57:
(Start: 15 @35337 has 31 MA's), (Start: 19 @35343 has 222 MA's), (23, 35358), (29, 35397), (35, 35442), (45, 35496), (59, 35610), (81, 35754), (83, 35775), (93, 35838), (102, 35916), (120, 36066),

(133, 36162),

Gene: Jant_17 Start: 16726, Stop: 17556, Start Num: 19
Candidate Starts for Jant_17:
(5, 16573), (8, 16630), (Start: 12 @16708 has 38 MA's), (Start: 19 @16726 has 222 MA's), (24, 16738), (27, 16762), (Start: 30 @16777 has 1 MA's), (36, 16822), (41, 16852), (46, 16882), (49, 16906), (59, 16996), (61, 17005), (67, 17053), (73, 17098), (75, 17104), (76, 17107), (79, 17131), (82, 17149), (89, 17212), (93, 17221), (96, 17260), (99, 17275), (104, 17311), (105, 17314), (106, 17323), (107, 17347), (110, 17368), (120, 17437), (131, 17494), (132, 17524),

Gene: Jarcob_17 Start: 16578, Stop: 17408, Start Num: 19
Candidate Starts for Jarcob_17:
(Start: 13 @16563 has 27 MA's), (Start: 19 @16578 has 222 MA's), (24, 16590), (27, 16614), (Start: 30 @16629 has 1 MA's), (36, 16674), (41, 16704), (49, 16758), (59, 16848), (61, 16857), (67, 16905), (69, 16923), (73, 16950), (75, 16956), (76, 16959), (79, 16983), (80, 16986), (82, 17001), (93, 17073), (96, 17112), (104, 17163), (105, 17166), (106, 17175), (107, 17199), (110, 17220), (120, 17289), (131, 17346), (132, 17376),

Gene: JeTaime_27 Start: 22235, Stop: 23068, Start Num: 20
Candidate Starts for JeTaime_27:
(Start: 1 @21914 has 1 MA's), (2, 21938), (Start: 20 @22235 has 122 MA's), (Start: 26 @22247 has 11 MA's), (37, 22328), (40, 22349), (44, 22367), (47, 22397), (78, 22634), (84, 22670), (96, 22775), (103, 22817), (108, 22862), (113, 22904), (126, 22979), (129, 22991),

Gene: Jebeks_20 Start: 18129, Stop: 19022, Start Num: 16
Candidate Starts for Jebeks_20:
(Start: 16 @18129 has 50 MA's), (Start: 30 @18183 has 1 MA's), (32, 18207), (37, 18231), (40, 18252), (48, 18309), (52, 18321), (56, 18363), (63, 18423), (74, 18531), (94, 18699), (95, 18702), (105, 18756), (114, 18840), (115, 18843), (120, 18897), (135, 19005), (136, 19008),

Gene: Jennelsea_17 Start: 16526, Stop: 17356, Start Num: 19
Candidate Starts for Jennelsea_17:
(Start: 12 @16508 has 38 MA's), (Start: 19 @16526 has 222 MA's), (24, 16538), (27, 16562), (Start: 30 @16577 has 1 MA's), (36, 16622), (41, 16652), (46, 16682), (49, 16706), (59, 16796), (61, 16805), (67, 16853), (73, 16898), (75, 16904), (76, 16907), (79, 16931), (80, 16934), (82, 16949), (89, 17012), (93, 17021), (96, 17060), (99, 17075), (104, 17111), (105, 17114), (106, 17123), (107, 17147), (110, 17168), (120, 17237), (131, 17294), (132, 17324),

Gene: Jinglebell_16 Start: 16807, Stop: 17637, Start Num: 19
Candidate Starts for Jinglebell_16:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Job42_20 Start: 18234, Stop: 19085, Start Num: 12
Candidate Starts for Job42_20:
(Start: 12 @18234 has 38 MA's), (Start: 19 @18252 has 222 MA's), (24, 18264), (27, 18288), (Start: 30 @18303 has 1 MA's), (36, 18348), (41, 18378), (59, 18525), (62, 18543), (67, 18582), (73, 18627), (75, 18633), (76, 18636), (79, 18660), (82, 18678), (89, 18741), (93, 18750), (96, 18789), (99, 18804), (104, 18840), (105, 18843), (106, 18852), (107, 18876), (110, 18897), (114, 18918), (115, 18921), (120, 18966), (131, 19023), (132, 19053), (136, 19071),

Gene: JoeyJr_17 Start: 16726, Stop: 17571, Start Num: 13
Candidate Starts for JoeyJr_17:
(Start: 13 @16726 has 27 MA's), (Start: 19 @16741 has 222 MA's), (24, 16753), (27, 16777), (Start: 30 @16792 has 1 MA's), (36, 16837), (41, 16867), (46, 16897), (49, 16921), (59, 17011), (61, 17020), (67, 17068), (69, 17086), (73, 17113), (75, 17119), (76, 17122), (79, 17146), (80, 17149), (89, 17227), (93, 17236), (96, 17275), (99, 17290), (104, 17326), (105, 17329), (106, 17338), (107, 17362), (110, 17383), (115, 17407), (116, 17410), (120, 17452), (131, 17509), (132, 17539),

Gene: Journey_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Journey_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Juice456_19 Start: 17692, Stop: 18522, Start Num: 19
Candidate Starts for Juice456_19:
(Start: 12 @17674 has 38 MA's), (Start: 19 @17692 has 222 MA's), (24, 17704), (27, 17728), (Start: 30 @17743 has 1 MA's), (36, 17788), (41, 17818), (46, 17848), (49, 17872), (59, 17962), (61, 17971), (67, 18019), (73, 18064), (75, 18070), (76, 18073), (79, 18097), (80, 18100), (82, 18115), (89, 18178), (93, 18187), (96, 18226), (99, 18241), (104, 18277), (105, 18280), (106, 18289), (107, 18313), (110, 18334), (120, 18403), (131, 18460), (132, 18490),

Gene: JuicyJay_40 Start: 31127, Stop: 31978, Start Num: 21
Candidate Starts for JuicyJay_40:
(Start: 21 @31127 has 30 MA's), (25, 31133), (34, 31208), (38, 31223), (50, 31307), (55, 31352), (57, 31361), (65, 31451), (77, 31541), (83, 31574), (84, 31580), (105, 31730), (107, 31763), (108, 31766), (117, 31832), (133, 31955), (135, 31961),

Gene: Jung_20 Start: 18070, Stop: 18963, Start Num: 16
Candidate Starts for Jung_20:
(Start: 16 @18070 has 50 MA's), (Start: 30 @18124 has 1 MA's), (32, 18148), (37, 18172), (40, 18193), (48, 18250), (52, 18262), (56, 18304), (63, 18364), (74, 18472), (94, 18640), (95, 18643), (105, 18697), (114, 18781), (115, 18784), (120, 18838), (135, 18946), (136, 18949),

Gene: Juniormint_20 Start: 18170, Stop: 19063, Start Num: 16
Candidate Starts for Juniormint_20:
(Start: 16 @18170 has 50 MA's), (Start: 30 @18224 has 1 MA's), (32, 18248), (37, 18272), (40, 18293), (48, 18350), (52, 18362), (56, 18404), (63, 18464), (74, 18572), (94, 18740), (95, 18743), (105, 18797), (114, 18881), (115, 18884), (120, 18938), (135, 19046), (136, 19049),

Gene: Juniper1_17 Start: 16567, Stop: 17397, Start Num: 19
Candidate Starts for Juniper1_17:
(Start: 13 @16552 has 27 MA's), (Start: 19 @16567 has 222 MA's), (24, 16579), (27, 16603), (Start: 30 @16618 has 1 MA's), (36, 16663), (41, 16693), (49, 16747), (50, 16753), (59, 16837), (61, 16846), (67, 16894), (73, 16939), (75, 16945), (76, 16948), (79, 16972), (80, 16975), (82, 16990), (89, 17053), (93, 17062), (96, 17101), (99, 17116), (104, 17152), (105, 17155), (106, 17164), (107, 17188), (110, 17209), (116, 17236), (120, 17278), (131, 17335), (132, 17365),

Gene: Kalah2_38 Start: 29714, Stop: 30565, Start Num: 21
Candidate Starts for Kalah2_38:
(Start: 21 @29714 has 30 MA's), (25, 29720), (34, 29795), (38, 29810), (50, 29894), (55, 29939), (57, 29948), (65, 30038), (77, 30128), (83, 30161), (84, 30167), (105, 30317), (107, 30350), (108, 30353),

(117, 30419), (133, 30542), (135, 30548),

Gene: Kanye_27 Start: 22420, Stop: 23253, Start Num: 20
Candidate Starts for Kanye_27:
(Start: 1 @22099 has 1 MA's), (2, 22123), (Start: 20 @22420 has 122 MA's), (Start: 26 @22432 has 11 MA's), (37, 22513), (40, 22534), (44, 22552), (47, 22582), (78, 22819), (84, 22855), (96, 22960), (103, 23002), (108, 23047), (113, 23089), (126, 23164), (129, 23176),

Gene: Karhdo_17 Start: 16701, Stop: 17531, Start Num: 19
Candidate Starts for Karhdo_17:
(Start: 13 @16686 has 27 MA's), (Start: 19 @16701 has 222 MA's), (24, 16713), (27, 16737), (Start: 30 @16752 has 1 MA's), (36, 16797), (41, 16827), (46, 16857), (49, 16881), (50, 16887), (59, 16971), (61, 16980), (67, 17028), (73, 17073), (75, 17079), (76, 17082), (79, 17106), (82, 17124), (89, 17187), (93, 17196), (96, 17235), (99, 17250), (104, 17286), (105, 17289), (106, 17298), (107, 17322), (110, 17343), (120, 17412), (131, 17469), (132, 17499),

Gene: Kari_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Kari_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: KashFlow_29 Start: 25160, Stop: 26011, Start Num: 22
Candidate Starts for KashFlow_29:
(Start: 22 @25160 has 11 MA's), (25, 25166), (34, 25241), (42, 25283), (50, 25340), (55, 25385), (56, 25388), (64, 25481), (65, 25484), (68, 25505), (77, 25574), (82, 25598), (83, 25607), (96, 25712), (103, 25754), (107, 25796), (112, 25826), (119, 25886),

Gene: Kenuha5_17 Start: 16693, Stop: 17526, Start Num: 19
Candidate Starts for Kenuha5_17:
(Start: 12 @16675 has 38 MA's), (Start: 19 @16693 has 222 MA's), (24, 16705), (27, 16729), (Start: 30 @16744 has 1 MA's), (36, 16789), (41, 16819), (59, 16966), (62, 16984), (67, 17023), (73, 17068), (75, 17074), (76, 17077), (79, 17101), (80, 17104), (82, 17119), (89, 17182), (93, 17191), (96, 17230), (99, 17245), (102, 17269), (105, 17284), (106, 17293), (107, 17317), (110, 17338), (120, 17407), (131, 17464), (132, 17494),

Gene: Kersh_18 Start: 16726, Stop: 17571, Start Num: 13
Candidate Starts for Kersh_18:
(Start: 13 @16726 has 27 MA's), (Start: 19 @16741 has 222 MA's), (24, 16753), (27, 16777), (Start: 30 @16792 has 1 MA's), (36, 16837), (49, 16921), (50, 16927), (59, 17011), (61, 17020), (67, 17068), (73, 17113), (75, 17119), (76, 17122), (79, 17146), (80, 17149), (82, 17164), (89, 17227), (93, 17236), (96, 17275), (99, 17290), (104, 17326), (105, 17329), (106, 17338), (107, 17362), (110, 17383), (115, 17407), (116, 17410), (120, 17452), (131, 17509), (132, 17539), (136, 17557),

Gene: Kevin1_19 Start: 16682, Stop: 17524, Start Num: 19
Candidate Starts for Kevin1_19:
(Start: 19 @16682 has 222 MA's), (33, 16769), (35, 16781), (41, 16814), (49, 16868), (61, 16967), (73, 17060), (76, 17069), (83, 17120), (89, 17174), (94, 17216), (99, 17237), (100, 17240), (102, 17261), (114, 17351), (118, 17387), (125, 17438), (132, 17495), (133, 17504), (135, 17510),

Gene: KilKor_20 Start: 18032, Stop: 18925, Start Num: 16
Candidate Starts for KilKor_20:

(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623), (100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: Kimberlium_19 Start: 17674, Stop: 18522, Start Num: 12
Candidate Starts for Kimberlium_19:
(Start: 12 @17674 has 38 MA's), (Start: 19 @17692 has 222 MA's), (24, 17704), (27, 17728), (Start: 30 @17743 has 1 MA's), (36, 17788), (41, 17818), (46, 17848), (49, 17872), (59, 17962), (61, 17971), (67, 18019), (73, 18064), (75, 18070), (76, 18073), (79, 18097), (80, 18100), (82, 18115), (89, 18178), (93, 18187), (96, 18226), (99, 18241), (104, 18277), (105, 18280), (106, 18289), (107, 18313), (110, 18334), (120, 18403), (131, 18460), (132, 18490),

Gene: Kimchi_27 Start: 21427, Stop: 22260, Start Num: 20
Candidate Starts for Kimchi_27:
(Start: 1 @21106 has 1 MA's), (2, 21130), (Start: 20 @21427 has 122 MA's), (Start: 26 @21439 has 11 MA's), (37, 21520), (40, 21541), (44, 21559), (47, 21589), (78, 21826), (84, 21862), (96, 21967), (103, 22009), (108, 22054), (113, 22096), (126, 22171), (129, 22183),

Gene: KingJulian_17 Start: 16607, Stop: 17440, Start Num: 19
Candidate Starts for KingJulian_17:
(Start: 12 @16589 has 38 MA's), (Start: 19 @16607 has 222 MA's), (24, 16619), (27, 16643), (Start: 30 @16658 has 1 MA's), (36, 16703), (41, 16733), (59, 16880), (62, 16898), (67, 16937), (73, 16982), (75, 16988), (76, 16991), (79, 17015), (80, 17018), (82, 17033), (89, 17096), (93, 17105), (96, 17144), (99, 17159), (104, 17195), (105, 17198), (106, 17207), (107, 17231), (110, 17252), (120, 17321), (131, 17378), (132, 17408),

Gene: KingMidas_18 Start: 17874, Stop: 18704, Start Num: 19
Candidate Starts for KingMidas_18:
(Start: 13 @17859 has 27 MA's), (Start: 19 @17874 has 222 MA's), (24, 17886), (27, 17910), (Start: 30 @17925 has 1 MA's), (36, 17970), (41, 18000), (46, 18030), (49, 18054), (59, 18144), (61, 18153), (67, 18201), (73, 18246), (75, 18252), (76, 18255), (79, 18279), (80, 18282), (82, 18297), (89, 18360), (93, 18369), (96, 18408), (99, 18423), (104, 18459), (105, 18462), (106, 18471), (107, 18495), (110, 18516), (115, 18540), (116, 18543), (120, 18585), (131, 18642), (132, 18672),

Gene: KingPhillip3_57 Start: 35272, Stop: 36114, Start Num: 19
Candidate Starts for KingPhillip3_57:
(Start: 15 @35266 has 31 MA's), (Start: 19 @35272 has 222 MA's), (23, 35287), (29, 35326), (35, 35371), (45, 35425), (59, 35539), (81, 35683), (83, 35704), (93, 35767), (102, 35845), (120, 35995), (133, 36091),

Gene: Kingsley_18 Start: 16426, Stop: 17256, Start Num: 19
Candidate Starts for Kingsley_18:
(Start: 12 @16408 has 38 MA's), (Start: 19 @16426 has 222 MA's), (24, 16438), (27, 16462), (Start: 30 @16477 has 1 MA's), (36, 16522), (41, 16552), (46, 16582), (49, 16606), (59, 16696), (61, 16705), (67, 16753), (73, 16798), (75, 16804), (76, 16807), (79, 16831), (82, 16849), (89, 16912), (93, 16921), (96, 16960), (99, 16975), (104, 17011), (105, 17014), (106, 17023), (107, 17047), (110, 17068), (120, 17137), (131, 17194), (132, 17224),

Gene: Klein_38 Start: 28938, Stop: 29789, Start Num: 21
Candidate Starts for Klein_38:
(Start: 21 @28938 has 30 MA's), (25, 28944), (34, 29019), (38, 29034), (50, 29118), (55, 29163), (57, 29172), (65, 29262), (77, 29352), (83, 29385), (84, 29391), (105, 29541), (107, 29574), (108, 29577), (117, 29643), (133, 29766), (135, 29772),

Gene: Koella_17 Start: 16520, Stop: 17368, Start Num: 12
Candidate Starts for Koella_17:
(Start: 12 @16520 has 38 MA's), (Start: 19 @16538 has 222 MA's), (24, 16550), (27, 16574), (Start: 30 @16589 has 1 MA's), (36, 16634), (41, 16664), (46, 16694), (49, 16718), (59, 16808), (61, 16817), (67, 16865), (73, 16910), (75, 16916), (76, 16919), (79, 16943), (80, 16946), (82, 16961), (89, 17024), (93, 17033), (96, 17072), (99, 17087), (104, 17123), (105, 17126), (106, 17135), (107, 17159), (110, 17180), (120, 17249), (131, 17306), (132, 17336),

Gene: Kostya_25 Start: 21433, Stop: 22266, Start Num: 20
Candidate Starts for Kostya_25:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (58, 21664), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: Krakatau_18 Start: 17268, Stop: 18098, Start Num: 19
Candidate Starts for Krakatau_18:
(Start: 12 @17250 has 38 MA's), (Start: 19 @17268 has 222 MA's), (24, 17280), (27, 17304), (Start: 30 @17319 has 1 MA's), (36, 17364), (41, 17394), (46, 17424), (49, 17448), (59, 17538), (61, 17547), (63, 17559), (67, 17595), (73, 17640), (75, 17646), (76, 17649), (79, 17673), (82, 17691), (89, 17754), (93, 17763), (96, 17802), (99, 17817), (104, 17853), (105, 17856), (106, 17865), (107, 17889), (110, 17910), (120, 17979), (131, 18036), (132, 18066),

Gene: Krili_56 Start: 34761, Stop: 35609, Start Num: 15
Candidate Starts for Krili_56:
(Start: 15 @34761 has 31 MA's), (Start: 19 @34767 has 222 MA's), (23, 34782), (29, 34821), (35, 34866), (45, 34920), (59, 35034), (81, 35178), (83, 35199), (93, 35262), (102, 35340), (120, 35490), (133, 35586),

Gene: KristaRAM_18 Start: 17243, Stop: 18073, Start Num: 19
Candidate Starts for KristaRAM_18:
(Start: 12 @17225 has 38 MA's), (Start: 19 @17243 has 222 MA's), (24, 17255), (27, 17279), (Start: 30 @17294 has 1 MA's), (36, 17339), (41, 17369), (46, 17399), (49, 17423), (59, 17513), (61, 17522), (67, 17570), (73, 17615), (75, 17621), (76, 17624), (79, 17648), (80, 17651), (82, 17666), (89, 17729), (93, 17738), (96, 17777), (99, 17792), (104, 17828), (105, 17831), (106, 17840), (107, 17864), (110, 17885), (120, 17954), (131, 18011), (132, 18041),

Gene: Ksquared_20 Start: 18166, Stop: 19059, Start Num: 16
Candidate Starts for Ksquared_20:
(Start: 16 @18166 has 50 MA's), (Start: 30 @18220 has 1 MA's), (32, 18244), (37, 18268), (40, 18289), (48, 18346), (52, 18358), (56, 18400), (63, 18460), (74, 18568), (94, 18736), (95, 18739), (105, 18793), (114, 18877), (115, 18880), (120, 18934), (135, 19042), (136, 19045),

Gene: Langerak_20 Start: 18128, Stop: 19021, Start Num: 16
Candidate Starts for Langerak_20:
(Start: 16 @18128 has 50 MA's), (Start: 30 @18182 has 1 MA's), (32, 18206), (37, 18230), (40, 18251), (48, 18308), (52, 18320), (56, 18362), (63, 18422), (74, 18530), (94, 18698), (95, 18701), (105, 18755), (114, 18839), (115, 18842), (120, 18896), (135, 19004), (136, 19007),

Gene: LastJedi_17 Start: 16569, Stop: 17399, Start Num: 19
Candidate Starts for LastJedi_17:
(Start: 12 @16551 has 38 MA's), (Start: 19 @16569 has 222 MA's), (24, 16581), (27, 16605), (Start: 30 @16620 has 1 MA's), (36, 16665), (41, 16695), (46, 16725), (49, 16749), (59, 16839), (61, 16848), (67,

16896), (73, 16941), (75, 16947), (76, 16950), (79, 16974), (80, 16977), (82, 16992), (89, 17055), (93, 17064), (96, 17103), (99, 17118), (104, 17154), (105, 17157), (106, 17166), (107, 17190), (110, 17211), (120, 17280), (131, 17337), (132, 17367),

Gene: Latretium_18 Start: 17250, Stop: 18080, Start Num: 19
Candidate Starts for Latretium_18:
(Start: 12 @17232 has 38 MA's), (Start: 19 @17250 has 222 MA's), (24, 17262), (27, 17286), (Start: 30 @17301 has 1 MA's), (36, 17346), (41, 17376), (46, 17406), (49, 17430), (59, 17520), (61, 17529), (63, 17541), (67, 17577), (73, 17622), (75, 17628), (76, 17631), (79, 17655), (82, 17673), (89, 17736), (93, 17745), (96, 17784), (99, 17799), (104, 17835), (105, 17838), (106, 17847), (107, 17871), (110, 17892), (120, 17961), (131, 18018), (132, 18048),

Gene: Leozinho_18 Start: 16416, Stop: 17246, Start Num: 19
Candidate Starts for Leozinho_18:
(Start: 12 @16398 has 38 MA's), (Start: 19 @16416 has 222 MA's), (24, 16428), (27, 16452), (Start: 30 @16467 has 1 MA's), (36, 16512), (41, 16542), (46, 16572), (49, 16596), (59, 16686), (61, 16695), (67, 16743), (73, 16788), (75, 16794), (76, 16797), (79, 16821), (80, 16824), (82, 16839), (89, 16902), (93, 16911), (96, 16950), (99, 16965), (104, 17001), (105, 17004), (106, 17013), (107, 17037), (110, 17058), (120, 17127), (131, 17184), (132, 17214),

Gene: Leperchaun_17 Start: 16560, Stop: 17390, Start Num: 19
Candidate Starts for Leperchaun_17:
(Start: 12 @16542 has 38 MA's), (Start: 19 @16560 has 222 MA's), (24, 16572), (27, 16596), (Start: 30 @16611 has 1 MA's), (36, 16656), (41, 16686), (49, 16740), (59, 16830), (61, 16839), (67, 16887), (69, 16905), (73, 16932), (75, 16938), (76, 16941), (79, 16965), (80, 16968), (82, 16983), (93, 17055), (96, 17094), (105, 17148), (106, 17157), (107, 17181), (110, 17202), (116, 17229), (120, 17271), (131, 17328), (132, 17358),

Gene: LilMoolah_17 Start: 16704, Stop: 17534, Start Num: 19
Candidate Starts for LilMoolah_17:
(Start: 13 @16689 has 27 MA's), (Start: 19 @16704 has 222 MA's), (24, 16716), (27, 16740), (Start: 30 @16755 has 1 MA's), (36, 16800), (41, 16830), (49, 16884), (59, 16974), (61, 16983), (67, 17031), (69, 17049), (73, 17076), (75, 17082), (76, 17085), (79, 17109), (80, 17112), (82, 17127), (93, 17199), (96, 17238), (105, 17292), (106, 17301), (107, 17325), (110, 17346), (116, 17373), (120, 17415), (131, 17472), (132, 17502),

Gene: Lilac_27 Start: 20931, Stop: 21764, Start Num: 20
Candidate Starts for Lilac_27:
(Start: 1 @20610 has 1 MA's), (2, 20634), (Start: 20 @20931 has 122 MA's), (Start: 26 @20943 has 11 MA's), (37, 21024), (40, 21045), (44, 21063), (47, 21093), (78, 21330), (84, 21366), (96, 21471), (103, 21513), (108, 21558), (113, 21600), (126, 21675), (129, 21687),

Gene: Lilizi_27 Start: 21139, Stop: 21972, Start Num: 20
Candidate Starts for Lilizi_27:
(Start: 1 @20818 has 1 MA's), (2, 20842), (Start: 20 @21139 has 122 MA's), (Start: 26 @21151 has 11 MA's), (37, 21232), (40, 21253), (44, 21271), (47, 21301), (58, 21370), (78, 21538), (84, 21574), (96, 21679), (103, 21721), (108, 21766), (113, 21808), (126, 21883), (129, 21895),

Gene: Lilpickle_24 Start: 20641, Stop: 21474, Start Num: 20
Candidate Starts for Lilpickle_24:
(Start: 1 @20320 has 1 MA's), (2, 20344), (Start: 20 @20641 has 122 MA's), (Start: 26 @20653 has 11 MA's), (37, 20734), (40, 20755), (44, 20773), (47, 20803), (58, 20872), (78, 21040), (84, 21076), (96, 21181), (103, 21223), (108, 21268), (113, 21310), (126, 21385), (129, 21397),

Gene: LittleE_38 Start: 30124, Stop: 30975, Start Num: 22
Candidate Starts for LittleE_38:
(Start: 22 @30124 has 11 MA's), (25, 30130), (34, 30205), (42, 30247), (50, 30304), (55, 30349), (56, 30352), (64, 30445), (65, 30448), (77, 30538), (79, 30544), (82, 30562), (83, 30571), (96, 30676), (103, 30718), (107, 30760), (112, 30790), (119, 30850),

Gene: LittleShirley_18 Start: 16391, Stop: 17221, Start Num: 19
Candidate Starts for LittleShirley_18:
(Start: 13 @16376 has 27 MA's), (Start: 19 @16391 has 222 MA's), (24, 16403), (27, 16427), (Start: 30 @16442 has 1 MA's), (36, 16487), (41, 16517), (46, 16547), (49, 16571), (59, 16661), (61, 16670), (67, 16718), (69, 16736), (73, 16763), (75, 16769), (76, 16772), (79, 16796), (80, 16799), (82, 16814), (93, 16886), (96, 16925), (105, 16979), (106, 16988), (107, 17012), (110, 17033), (116, 17060), (120, 17102), (131, 17159), (132, 17189),

Gene: Livelaughbron_25 Start: 21550, Stop: 22383, Start Num: 20
Candidate Starts for Livelaughbron_25:
(Start: 1 @21229 has 1 MA's), (2, 21253), (Start: 20 @21550 has 122 MA's), (Start: 26 @21562 has 11 MA's), (37, 21643), (40, 21664), (44, 21682), (47, 21712), (58, 21781), (78, 21949), (84, 21985), (96, 22090), (103, 22132), (108, 22177), (113, 22219), (126, 22294), (129, 22306),

Gene: Lizziana_17 Start: 16579, Stop: 17409, Start Num: 19
Candidate Starts for Lizziana_17:
(Start: 13 @16564 has 27 MA's), (Start: 19 @16579 has 222 MA's), (24, 16591), (27, 16615), (Start: 30 @16630 has 1 MA's), (36, 16675), (41, 16705), (49, 16759), (59, 16849), (61, 16858), (67, 16906), (69, 16924), (73, 16951), (75, 16957), (76, 16960), (79, 16984), (80, 16987), (82, 17002), (93, 17074), (96, 17113), (104, 17164), (105, 17167), (106, 17176), (107, 17200), (110, 17221), (120, 17290), (131, 17347), (132, 17377),

Gene: Llama_17 Start: 16792, Stop: 17637, Start Num: 13
Candidate Starts for Llama_17:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Llij_17 Start: 16541, Stop: 17386, Start Num: 13
Candidate Starts for Llij_17:
(Start: 13 @16541 has 27 MA's), (Start: 19 @16556 has 222 MA's), (24, 16568), (27, 16592), (Start: 30 @16607 has 1 MA's), (36, 16652), (41, 16682), (49, 16736), (59, 16826), (61, 16835), (67, 16883), (69, 16901), (73, 16928), (75, 16934), (76, 16937), (79, 16961), (80, 16964), (82, 16979), (89, 17042), (93, 17051), (96, 17090), (99, 17105), (102, 17129), (104, 17141), (105, 17144), (106, 17153), (107, 17177), (110, 17198), (114, 17219), (115, 17222), (120, 17267), (131, 17324), (132, 17354), (136, 17372),

Gene: LordVader_18 Start: 16487, Stop: 17317, Start Num: 19
Candidate Starts for LordVader_18:
(Start: 13 @16472 has 27 MA's), (Start: 19 @16487 has 222 MA's), (24, 16499), (27, 16523), (Start: 30 @16538 has 1 MA's), (36, 16583), (41, 16613), (49, 16667), (50, 16673), (59, 16757), (61, 16766), (67, 16814), (73, 16859), (75, 16865), (76, 16868), (79, 16892), (80, 16895), (82, 16910), (89, 16973), (93, 16982), (96, 17021), (99, 17036), (100, 17039), (104, 17072), (105, 17075), (106, 17084), (107, 17108), (110, 17129), (116, 17156), (120, 17198), (131, 17255), (132, 17285), (136, 17303),

Gene: Lorde_18 Start: 16392, Stop: 17222, Start Num: 19
Candidate Starts for Lorde_18:
(Start: 12 @16374 has 38 MA's), (Start: 19 @16392 has 222 MA's), (24, 16404), (27, 16428), (Start: 30 @16443 has 1 MA's), (36, 16488), (41, 16518), (46, 16548), (49, 16572), (59, 16662), (61, 16671), (67, 16719), (73, 16764), (75, 16770), (76, 16773), (79, 16797), (82, 16815), (89, 16878), (93, 16887), (96, 16926), (99, 16941), (104, 16977), (105, 16980), (106, 16989), (107, 17013), (110, 17034), (120, 17103), (131, 17160), (132, 17190),

Gene: Lucia_18 Start: 16594, Stop: 17424, Start Num: 19
Candidate Starts for Lucia_18:
(Start: 12 @16576 has 38 MA's), (Start: 19 @16594 has 222 MA's), (24, 16606), (27, 16630), (Start: 30 @16645 has 1 MA's), (36, 16690), (41, 16720), (49, 16774), (59, 16864), (61, 16873), (67, 16921), (69, 16939), (73, 16966), (75, 16972), (76, 16975), (79, 16999), (80, 17002), (82, 17017), (93, 17089), (96, 17128), (105, 17182), (106, 17191), (107, 17215), (110, 17236), (116, 17263), (120, 17305), (131, 17362), (132, 17392),

Gene: Lucky2013_35 Start: 27021, Stop: 27872, Start Num: 22
Candidate Starts for Lucky2013_35:
(Start: 22 @27021 has 11 MA's), (25, 27027), (34, 27102), (50, 27201), (55, 27246), (56, 27249), (64, 27342), (65, 27345), (77, 27435), (79, 27441), (82, 27459), (83, 27468), (96, 27573), (103, 27615), (107, 27657), (112, 27687), (119, 27747),

Gene: LunaBlu_18 Start: 16650, Stop: 17480, Start Num: 19
Candidate Starts for LunaBlu_18:
(Start: 13 @16635 has 27 MA's), (Start: 19 @16650 has 222 MA's), (24, 16662), (27, 16686), (Start: 30 @16701 has 1 MA's), (36, 16746), (41, 16776), (46, 16806), (49, 16830), (50, 16836), (59, 16920), (61, 16929), (67, 16977), (73, 17022), (75, 17028), (76, 17031), (79, 17055), (80, 17058), (82, 17073), (89, 17136), (93, 17145), (96, 17184), (99, 17199), (105, 17238), (106, 17247), (107, 17271), (110, 17292), (114, 17313), (115, 17316), (120, 17361), (131, 17418), (132, 17448), (136, 17466),

Gene: LunaStella_19 Start: 17110, Stop: 17940, Start Num: 19
Candidate Starts for LunaStella_19:
(Start: 19 @17110 has 222 MA's), (39, 17224), (59, 17383), (62, 17401), (67, 17440), (69, 17458), (83, 17545), (91, 17605), (93, 17608), (97, 17650), (102, 17686),

Gene: MISSy_24 Start: 20946, Stop: 21779, Start Num: 20
Candidate Starts for MISSy_24:
(Start: 1 @20625 has 1 MA's), (2, 20649), (Start: 20 @20946 has 122 MA's), (Start: 26 @20958 has 11 MA's), (37, 21039), (40, 21060), (44, 21078), (47, 21108), (58, 21177), (78, 21345), (84, 21381), (96, 21486), (103, 21528), (108, 21573), (113, 21615), (126, 21690), (129, 21702),

Gene: MPhalcon_24 Start: 20940, Stop: 21773, Start Num: 20
Candidate Starts for MPhalcon_24:
(Start: 1 @20619 has 1 MA's), (2, 20643), (Start: 20 @20940 has 122 MA's), (Start: 26 @20952 has 11 MA's), (37, 21033), (40, 21054), (44, 21072), (47, 21102), (58, 21171), (78, 21339), (84, 21375), (96, 21480), (103, 21522), (108, 21567), (113, 21609), (126, 21684), (129, 21696),

Gene: MadKillah_58 Start: 35030, Stop: 35878, Start Num: 15
Candidate Starts for MadKillah_58:
(Start: 15 @35030 has 31 MA's), (Start: 19 @35036 has 222 MA's), (23, 35051), (29, 35090), (35, 35135), (45, 35189), (59, 35303), (81, 35447), (83, 35468), (93, 35531), (102, 35609), (120, 35759), (133, 35855),

Gene: MadMen_18 Start: 16810, Stop: 17640, Start Num: 19
Candidate Starts for MadMen_18:
(Start: 13 @16795 has 27 MA's), (Start: 19 @16810 has 222 MA's), (24, 16822), (27, 16846), (Start: 30 @16861 has 1 MA's), (36, 16906), (41, 16936), (46, 16966), (49, 16990), (50, 16996), (59, 17080), (61, 17089), (67, 17137), (73, 17182), (75, 17188), (76, 17191), (79, 17215), (80, 17218), (82, 17233), (89, 17296), (93, 17305), (96, 17344), (99, 17359), (104, 17395), (105, 17398), (106, 17407), (107, 17431), (110, 17452), (115, 17476), (116, 17479), (120, 17521), (131, 17578), (132, 17608), (136, 17626),

Gene: MadamMonkfish_25 Start: 20852, Stop: 21685, Start Num: 20
Candidate Starts for MadamMonkfish_25:
(Start: 1 @20531 has 1 MA's), (2, 20555), (Start: 20 @20852 has 122 MA's), (Start: 26 @20864 has 11 MA's), (37, 20945), (40, 20966), (44, 20984), (47, 21014), (58, 21083), (78, 21251), (84, 21287), (96, 21392), (103, 21434), (108, 21479), (113, 21521), (126, 21596), (129, 21608),

Gene: Madiba_18 Start: 16446, Stop: 17276, Start Num: 19
Candidate Starts for Madiba_18:
(Start: 13 @16431 has 27 MA's), (Start: 19 @16446 has 222 MA's), (24, 16458), (27, 16482), (Start: 30 @16497 has 1 MA's), (36, 16542), (41, 16572), (49, 16626), (50, 16632), (59, 16716), (61, 16725), (67, 16773), (73, 16818), (75, 16824), (76, 16827), (79, 16851), (80, 16854), (93, 16941), (96, 16980), (99, 16995), (105, 17034), (106, 17043), (107, 17067), (110, 17088), (116, 17115), (120, 17157), (131, 17214), (132, 17244),

Gene: Magsby_19 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Magsby_19:
(Start: 19 @16711 has 222 MA's), (33, 16798), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: Mahavrat_17 Start: 16567, Stop: 17397, Start Num: 19
Candidate Starts for Mahavrat_17:
(Start: 13 @16552 has 27 MA's), (Start: 19 @16567 has 222 MA's), (24, 16579), (27, 16603), (Start: 30 @16618 has 1 MA's), (36, 16663), (41, 16693), (49, 16747), (59, 16837), (61, 16846), (67, 16894), (69, 16912), (73, 16939), (75, 16945), (76, 16948), (79, 16972), (80, 16975), (82, 16990), (93, 17062), (96, 17101), (99, 17116), (105, 17155), (106, 17164), (107, 17188), (110, 17209), (116, 17236), (120, 17278), (131, 17335), (132, 17365),

Gene: Majeke_20 Start: 18150, Stop: 19043, Start Num: 16
Candidate Starts for Majeke_20:
(Start: 16 @18150 has 50 MA's), (Start: 30 @18204 has 1 MA's), (32, 18228), (37, 18252), (48, 18330), (56, 18384), (63, 18444), (74, 18552), (94, 18720), (95, 18723), (105, 18777), (114, 18861), (115, 18864), (120, 18918), (135, 19026), (136, 19029),

Gene: Malithi_20 Start: 18069, Stop: 18962, Start Num: 16
Candidate Starts for Malithi_20:
(Start: 16 @18069 has 50 MA's), (Start: 30 @18123 has 1 MA's), (32, 18147), (37, 18171), (40, 18192), (48, 18249), (52, 18261), (56, 18303), (63, 18363), (74, 18471), (94, 18639), (95, 18642), (99, 18660), (100, 18663), (105, 18696), (114, 18780), (115, 18783), (120, 18837), (135, 18945), (136, 18948),

Gene: Manda_26 Start: 21919, Stop: 22752, Start Num: 20
Candidate Starts for Manda_26:
(Start: 1 @21598 has 1 MA's), (2, 21622), (Start: 20 @21919 has 122 MA's), (Start: 26 @21931 has 11 MA's), (37, 22012), (40, 22033), (44, 22051), (47, 22081), (78, 22318), (84, 22354), (96, 22459), (103,

22501), (108, 22546), (113, 22588), (126, 22663), (129, 22675),

Gene: Mandlovu_17 Start: 16668, Stop: 17498, Start Num: 19
Candidate Starts for Mandlovu_17:
(Start: 12 @16650 has 38 MA's), (Start: 19 @16668 has 222 MA's), (24, 16680), (27, 16704), (Start: 30 @16719 has 1 MA's), (36, 16764), (41, 16794), (49, 16848), (59, 16938), (61, 16947), (67, 16995), (69, 17013), (73, 17040), (75, 17046), (76, 17049), (79, 17073), (80, 17076), (93, 17163), (96, 17202), (105, 17256), (106, 17265), (107, 17289), (110, 17310), (116, 17337), (120, 17379), (131, 17436), (132, 17466),

Gene: Mangethe_20 Start: 18150, Stop: 19043, Start Num: 16
Candidate Starts for Mangethe_20:
(Start: 16 @18150 has 50 MA's), (Start: 30 @18204 has 1 MA's), (32, 18228), (37, 18252), (48, 18330), (56, 18384), (63, 18444), (74, 18552), (94, 18720), (95, 18723), (105, 18777), (114, 18861), (115, 18864), (120, 18918), (135, 19026), (136, 19029),

Gene: Mantra_17 Start: 16669, Stop: 17499, Start Num: 19
Candidate Starts for Mantra_17:
(Start: 13 @16654 has 27 MA's), (Start: 19 @16669 has 222 MA's), (24, 16681), (27, 16705), (Start: 30 @16720 has 1 MA's), (36, 16765), (41, 16795), (46, 16825), (49, 16849), (59, 16939), (61, 16948), (67, 16996), (69, 17014), (73, 17041), (75, 17047), (76, 17050), (79, 17074), (80, 17077), (82, 17092), (93, 17164), (96, 17203), (105, 17257), (106, 17266), (107, 17290), (110, 17311), (116, 17338), (120, 17380), (131, 17437), (132, 17467),

Gene: Maravista_17 Start: 16516, Stop: 17346, Start Num: 19
Candidate Starts for Maravista_17:
(Start: 12 @16498 has 38 MA's), (Start: 19 @16516 has 222 MA's), (24, 16528), (27, 16552), (Start: 30 @16567 has 1 MA's), (36, 16612), (41, 16642), (46, 16672), (49, 16696), (59, 16786), (61, 16795), (67, 16843), (73, 16888), (75, 16894), (76, 16897), (79, 16921), (80, 16924), (82, 16939), (89, 17002), (93, 17011), (96, 17050), (99, 17065), (104, 17101), (105, 17104), (106, 17113), (107, 17137), (110, 17158), (120, 17227), (131, 17284), (132, 17314),

Gene: Marker_18 Start: 16419, Stop: 17249, Start Num: 19
Candidate Starts for Marker_18:
(Start: 12 @16401 has 38 MA's), (Start: 19 @16419 has 222 MA's), (24, 16431), (27, 16455), (Start: 30 @16470 has 1 MA's), (36, 16515), (41, 16545), (46, 16575), (49, 16599), (59, 16689), (61, 16698), (67, 16746), (69, 16764), (73, 16791), (75, 16797), (76, 16800), (80, 16827), (82, 16842), (93, 16914), (96, 16953), (105, 17007), (106, 17016), (107, 17040), (110, 17061), (120, 17130), (131, 17187), (132, 17217),

Gene: Marleymoo_42 Start: 31965, Stop: 32816, Start Num: 21
Candidate Starts for Marleymoo_42:
(Start: 21 @31965 has 30 MA's), (25, 31971), (34, 32046), (38, 32061), (50, 32145), (55, 32190), (57, 32199), (64, 32286), (74, 32352), (77, 32379), (83, 32412), (84, 32418), (96, 32517), (100, 32535), (105, 32568), (107, 32601), (108, 32604), (110, 32625), (117, 32670), (133, 32793), (135, 32799),

Gene: Marshmallow_25 Start: 21433, Stop: 22266, Start Num: 20
Candidate Starts for Marshmallow_25:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: Martik_17 Start: 16579, Stop: 17409, Start Num: 19

Candidate Starts for Martik_17:
(Start: 13 @16564 has 27 MA's), (Start: 19 @16579 has 222 MA's), (24, 16591), (27, 16615), (Start: 30 @16630 has 1 MA's), (36, 16675), (41, 16705), (49, 16759), (59, 16849), (61, 16858), (67, 16906), (69, 16924), (73, 16951), (75, 16957), (76, 16960), (79, 16984), (80, 16987), (82, 17002), (93, 17074), (96, 17113), (104, 17164), (105, 17167), (106, 17176), (107, 17200), (110, 17221), (120, 17290), (131, 17347), (132, 17377),

Gene: Mattes_17 Start: 16621, Stop: 17400, Start Num: 30
Candidate Starts for Mattes_17:
(Start: 13 @16555 has 27 MA's), (Start: 19 @16570 has 222 MA's), (24, 16582), (27, 16606), (Start: 30 @16621 has 1 MA's), (36, 16666), (41, 16696), (49, 16750), (59, 16840), (61, 16849), (67, 16897), (69, 16915), (73, 16942), (75, 16948), (76, 16951), (79, 16975), (80, 16978), (82, 16993), (93, 17065), (96, 17104), (105, 17158), (106, 17167), (107, 17191), (110, 17212), (116, 17239), (120, 17281), (131, 17338), (132, 17368),

Gene: Maxxinista_26 Start: 20901, Stop: 21734, Start Num: 20
Candidate Starts for Maxxinista_26:
(Start: 1 @20580 has 1 MA's), (2, 20604), (Start: 20 @20901 has 122 MA's), (Start: 26 @20913 has 11 MA's), (37, 20994), (40, 21015), (44, 21033), (47, 21063), (78, 21300), (84, 21336), (96, 21441), (103, 21483), (108, 21528), (113, 21570), (126, 21645), (129, 21657),

Gene: Medindi_17 Start: 16566, Stop: 17396, Start Num: 19
Candidate Starts for Medindi_17:
(Start: 12 @16548 has 38 MA's), (Start: 19 @16566 has 222 MA's), (24, 16578), (27, 16602), (Start: 30 @16617 has 1 MA's), (36, 16662), (41, 16692), (46, 16722), (49, 16746), (59, 16836), (61, 16845), (67, 16893), (73, 16938), (75, 16944), (76, 16947), (79, 16971), (80, 16974), (82, 16989), (89, 17052), (93, 17061), (96, 17100), (99, 17115), (104, 17151), (105, 17154), (106, 17163), (107, 17187), (110, 17208), (120, 17277), (131, 17334), (132, 17364),

Gene: Megiddo_20 Start: 18032, Stop: 18925, Start Num: 16
Candidate Starts for Megiddo_20:
(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623), (100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: Melissauren88_17 Start: 16601, Stop: 17431, Start Num: 19
Candidate Starts for Melissauren88_17:
(Start: 12 @16583 has 38 MA's), (Start: 19 @16601 has 222 MA's), (24, 16613), (27, 16637), (Start: 30 @16652 has 1 MA's), (36, 16697), (41, 16727), (46, 16757), (49, 16781), (59, 16871), (61, 16880), (67, 16928), (73, 16973), (75, 16979), (76, 16982), (79, 17006), (80, 17009), (82, 17024), (89, 17087), (93, 17096), (96, 17135), (99, 17150), (104, 17186), (105, 17189), (106, 17198), (107, 17222), (110, 17243), (120, 17312), (131, 17369), (132, 17399),

Gene: Melville_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Melville_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: MiaZeal_35 Start: 26706, Stop: 27557, Start Num: 22
Candidate Starts for MiaZeal_35:
(Start: 22 @26706 has 11 MA's), (25, 26712), (34, 26787), (42, 26829), (50, 26886), (55, 26931), (56, 26934), (64, 27027), (65, 27030), (68, 27051), (70, 27069), (77, 27120), (79, 27126), (82, 27144), (83,

27153), (96, 27258), (103, 27300), (107, 27342), (112, 27372), (119, 27432),

Gene: MichelleMyBell_19 Start: 16712, Stop: 17554, Start Num: 19
Candidate Starts for MichelleMyBell_19:
(Start: 19 @16712 has 222 MA's), (33, 16799), (35, 16811), (41, 16844), (49, 16898), (61, 16997), (73, 17090), (76, 17099), (83, 17150), (89, 17204), (94, 17246), (99, 17267), (100, 17270), (102, 17291), (114, 17381), (118, 17417), (125, 17468), (132, 17525), (135, 17540),

Gene: MilanaBonita_18 Start: 17240, Stop: 18070, Start Num: 19
Candidate Starts for MilanaBonita_18:
(Start: 12 @17222 has 38 MA's), (Start: 19 @17240 has 222 MA's), (24, 17252), (27, 17276), (Start: 30 @17291 has 1 MA's), (36, 17336), (41, 17366), (46, 17396), (49, 17420), (59, 17510), (61, 17519), (67, 17567), (73, 17612), (75, 17618), (76, 17621), (79, 17645), (82, 17663), (89, 17726), (93, 17735), (96, 17774), (99, 17789), (104, 17825), (105, 17828), (106, 17837), (107, 17861), (110, 17882), (120, 17951), (131, 18008), (132, 18038),

Gene: MilleniumForce_18 Start: 17366, Stop: 18214, Start Num: 12
Candidate Starts for MilleniumForce_18:
(Start: 12 @17366 has 38 MA's), (Start: 19 @17384 has 222 MA's), (24, 17396), (27, 17420), (Start: 30 @17435 has 1 MA's), (36, 17480), (41, 17510), (46, 17540), (49, 17564), (59, 17654), (61, 17663), (67, 17711), (73, 17756), (75, 17762), (76, 17765), (79, 17789), (82, 17807), (89, 17870), (93, 17879), (96, 17918), (99, 17933), (104, 17969), (105, 17972), (106, 17981), (107, 18005), (110, 18026), (120, 18095), (131, 18152), (132, 18182),

Gene: Mindy_25 Start: 21212, Stop: 22045, Start Num: 20
Candidate Starts for Mindy_25:
(Start: 1 @20891 has 1 MA's), (2, 20915), (Start: 20 @21212 has 122 MA's), (Start: 26 @21224 has 11 MA's), (37, 21305), (40, 21326), (44, 21344), (47, 21374), (58, 21443), (78, 21611), (84, 21647), (96, 21752), (103, 21794), (108, 21839), (113, 21881), (126, 21956), (129, 21968),

Gene: Minerva_38 Start: 30373, Stop: 31224, Start Num: 21
Candidate Starts for Minerva_38:
(Start: 21 @30373 has 30 MA's), (25, 30379), (34, 30454), (38, 30469), (50, 30553), (55, 30598), (57, 30607), (65, 30697), (77, 30787), (83, 30820), (84, 30826), (92, 30877), (96, 30925), (100, 30943), (105, 30976), (107, 31009), (108, 31012), (117, 31078), (133, 31201), (135, 31207),

Gene: MinionDave_18 Start: 17253, Stop: 18083, Start Num: 19
Candidate Starts for MinionDave_18:
(Start: 12 @17235 has 38 MA's), (Start: 19 @17253 has 222 MA's), (24, 17265), (27, 17289), (Start: 30 @17304 has 1 MA's), (36, 17349), (41, 17379), (46, 17409), (49, 17433), (59, 17523), (61, 17532), (63, 17544), (67, 17580), (73, 17625), (75, 17631), (76, 17634), (79, 17658), (82, 17676), (89, 17739), (93, 17748), (99, 17802), (102, 17826), (105, 17841), (106, 17850), (107, 17874), (110, 17895), (114, 17916), (115, 17919), (120, 17964), (131, 18021), (132, 18051), (136, 18069),

Gene: Miniwave_25 Start: 21631, Stop: 22464, Start Num: 20
Candidate Starts for Miniwave_25:
(Start: 1 @21310 has 1 MA's), (2, 21334), (Start: 20 @21631 has 122 MA's), (Start: 26 @21643 has 11 MA's), (37, 21724), (40, 21745), (44, 21763), (47, 21793), (78, 22030), (84, 22066), (96, 22171), (103, 22213), (108, 22258), (113, 22300), (126, 22375), (129, 22387),

Gene: Minnie_18 Start: 17113, Stop: 17943, Start Num: 19
Candidate Starts for Minnie_18:

(Start: 12 @17095 has 38 MA's), (Start: 19 @17113 has 222 MA's), (24, 17125), (27, 17149), (Start: 30 @17164 has 1 MA's), (36, 17209), (41, 17239), (46, 17269), (49, 17293), (59, 17383), (61, 17392), (67, 17440), (73, 17485), (75, 17491), (76, 17494), (79, 17518), (80, 17521), (82, 17536), (89, 17599), (93, 17608), (96, 17647), (99, 17662), (104, 17698), (105, 17701), (106, 17710), (107, 17734), (110, 17755), (120, 17824), (131, 17881), (132, 17911),

Gene: Misfit_25 Start: 21521, Stop: 22354, Start Num: 20
Candidate Starts for Misfit_25:
(Start: 1 @21200 has 1 MA's), (2, 21224), (Start: 20 @21521 has 122 MA's), (Start: 26 @21533 has 11 MA's), (37, 21614), (40, 21635), (44, 21653), (47, 21683), (58, 21752), (78, 21920), (84, 21956), (96, 22061), (103, 22103), (108, 22148), (113, 22190), (126, 22265), (129, 22277),

Gene: Misha28_18 Start: 16428, Stop: 17276, Start Num: 13
Candidate Starts for Misha28_18:
(Start: 13 @16428 has 27 MA's), (Start: 19 @16443 has 222 MA's), (24, 16455), (27, 16479), (Start: 30 @16494 has 1 MA's), (36, 16539), (41, 16569), (59, 16716), (62, 16734), (67, 16773), (73, 16818), (75, 16824), (76, 16827), (79, 16851), (82, 16869), (89, 16932), (93, 16941), (96, 16980), (99, 16995), (104, 17031), (105, 17034), (106, 17043), (107, 17067), (110, 17088), (116, 17115), (120, 17157), (131, 17214), (132, 17244),

Gene: MisterCuddles_17 Start: 16541, Stop: 17374, Start Num: 19
Candidate Starts for MisterCuddles_17:
(Start: 13 @16526 has 27 MA's), (Start: 19 @16541 has 222 MA's), (24, 16553), (27, 16577), (Start: 30 @16592 has 1 MA's), (36, 16637), (41, 16667), (59, 16814), (62, 16832), (67, 16871), (79, 16949), (80, 16952), (93, 17039), (96, 17078), (105, 17132), (106, 17141), (107, 17165), (110, 17186), (116, 17213), (120, 17255), (131, 17312), (132, 17342),

Gene: Modragons_17 Start: 16807, Stop: 17637, Start Num: 19
Candidate Starts for Modragons_17:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Moldemort_26 Start: 21176, Stop: 22009, Start Num: 20
Candidate Starts for Moldemort_26:
(Start: 1 @20855 has 1 MA's), (2, 20879), (Start: 20 @21176 has 122 MA's), (Start: 26 @21188 has 11 MA's), (37, 21269), (40, 21290), (44, 21308), (47, 21338), (78, 21575), (84, 21611), (96, 21716), (103, 21758), (108, 21803), (113, 21845), (126, 21920), (129, 21932),

Gene: MollyToe_25 Start: 21605, Stop: 22438, Start Num: 20
Candidate Starts for MollyToe_25:
(Start: 1 @21284 has 1 MA's), (2, 21308), (Start: 20 @21605 has 122 MA's), (Start: 26 @21617 has 11 MA's), (37, 21698), (40, 21719), (44, 21737), (47, 21767), (58, 21836), (78, 22004), (84, 22040), (96, 22145), (103, 22187), (108, 22232), (113, 22274), (126, 22349), (129, 22361),

Gene: MooMoo_17 Start: 16287, Stop: 17138, Start Num: 14
Candidate Starts for MooMoo_17:
(Start: 14 @16287 has 10 MA's), (42, 16425), (59, 16569), (83, 16728), (105, 16893), (109, 16944), (111, 16953), (114, 16971), (125, 17055), (126, 17058), (129, 17070), (133, 17115),

Gene: Moonbeam_18 Start: 17044, Stop: 17892, Start Num: 12

Candidate Starts for Moonbeam_18:
(Start: 12 @17044 has 38 MA's), (Start: 19 @17062 has 222 MA's), (24, 17074), (27, 17098), (Start: 30 @17113 has 1 MA's), (36, 17158), (41, 17188), (46, 17218), (49, 17242), (59, 17332), (61, 17341), (63, 17353), (67, 17389), (73, 17434), (75, 17440), (76, 17443), (79, 17467), (80, 17470), (82, 17485), (89, 17548), (93, 17557), (96, 17596), (99, 17611), (104, 17647), (105, 17650), (106, 17659), (107, 17683), (110, 17704), (120, 17773), (131, 17830), (132, 17860),

Gene: Mori_57 Start: 35292, Stop: 36140, Start Num: 15
Candidate Starts for Mori_57:
(Start: 15 @35292 has 31 MA's), (Start: 19 @35298 has 222 MA's), (23, 35313), (29, 35352), (35, 35397), (45, 35451), (59, 35565), (81, 35709), (83, 35730), (93, 35793), (102, 35871), (120, 36021), (133, 36117),

Gene: Mosby_24 Start: 20941, Stop: 21774, Start Num: 20
Candidate Starts for Mosby_24:
(Start: 1 @20620 has 1 MA's), (2, 20644), (Start: 20 @20941 has 122 MA's), (Start: 26 @20953 has 11 MA's), (37, 21034), (40, 21055), (44, 21073), (47, 21103), (78, 21340), (84, 21376), (96, 21481), (103, 21523), (108, 21568), (113, 21610), (126, 21685), (129, 21697),

Gene: Mova_18 Start: 16421, Stop: 17251, Start Num: 19
Candidate Starts for Mova_18:
(Start: 12 @16403 has 38 MA's), (Start: 19 @16421 has 222 MA's), (24, 16433), (27, 16457), (Start: 30 @16472 has 1 MA's), (36, 16517), (41, 16547), (46, 16577), (49, 16601), (59, 16691), (61, 16700), (63, 16712), (67, 16748), (73, 16793), (75, 16799), (76, 16802), (79, 16826), (80, 16829), (82, 16844), (89, 16907), (93, 16916), (96, 16955), (99, 16970), (104, 17006), (105, 17009), (106, 17018), (107, 17042), (110, 17063), (120, 17132), (131, 17189), (132, 17219),

Gene: Mozy_18 Start: 16456, Stop: 17301, Start Num: 13
Candidate Starts for Mozy_18:
(Start: 13 @16456 has 27 MA's), (Start: 19 @16471 has 222 MA's), (24, 16483), (27, 16507), (Start: 30 @16522 has 1 MA's), (36, 16567), (49, 16651), (50, 16657), (59, 16741), (61, 16750), (67, 16798), (73, 16843), (75, 16849), (79, 16876), (80, 16879), (89, 16957), (93, 16966), (96, 17005), (99, 17020), (104, 17056), (105, 17059), (106, 17068), (107, 17092), (110, 17113), (115, 17137), (116, 17140), (120, 17182), (131, 17239), (132, 17269), (136, 17287),

Gene: Ms6_17 Start: 16580, Stop: 17410, Start Num: 19
Candidate Starts for Ms6_17:
(Start: 12 @16562 has 38 MA's), (Start: 19 @16580 has 222 MA's), (24, 16592), (27, 16616), (Start: 30 @16631 has 1 MA's), (36, 16676), (41, 16706), (46, 16736), (49, 16760), (59, 16850), (61, 16859), (67, 16907), (73, 16952), (75, 16958), (76, 16961), (79, 16985), (80, 16988), (82, 17003), (89, 17066), (93, 17075), (96, 17114), (99, 17129), (104, 17165), (105, 17168), (106, 17177), (107, 17201), (110, 17222), (120, 17291), (131, 17348), (132, 17378),

Gene: MulchExplorer_19 Start: 17692, Stop: 18522, Start Num: 19
Candidate Starts for MulchExplorer_19:
(Start: 12 @17674 has 38 MA's), (Start: 19 @17692 has 222 MA's), (24, 17704), (27, 17728), (Start: 30 @17743 has 1 MA's), (36, 17788), (41, 17818), (46, 17848), (49, 17872), (59, 17962), (61, 17971), (67, 18019), (73, 18064), (75, 18070), (76, 18073), (79, 18097), (80, 18100), (82, 18115), (89, 18178), (93, 18187), (96, 18226), (99, 18241), (104, 18277), (105, 18280), (106, 18289), (107, 18313), (110, 18334), (120, 18403), (131, 18460), (132, 18490),

Gene: MulchSalad_17 Start: 16492, Stop: 17322, Start Num: 19
Candidate Starts for MulchSalad_17:

(Start: 13 @16477 has 27 MA's), (Start: 19 @16492 has 222 MA's), (24, 16504), (27, 16528), (Start: 30 @16543 has 1 MA's), (36, 16588), (41, 16618), (46, 16648), (49, 16672), (59, 16762), (61, 16771), (63, 16783), (67, 16819), (73, 16864), (75, 16870), (76, 16873), (79, 16897), (80, 16900), (82, 16915), (89, 16978), (93, 16987), (96, 17026), (99, 17041), (104, 17077), (105, 17080), (106, 17089), (107, 17113), (110, 17134), (120, 17203), (131, 17260), (132, 17290),

Gene: Murai_58 Start: 35473, Stop: 36321, Start Num: 15
Candidate Starts for Murai_58:
(Start: 15 @35473 has 31 MA's), (Start: 19 @35479 has 222 MA's), (23, 35494), (29, 35533), (35, 35578), (45, 35632), (59, 35746), (81, 35890), (83, 35911), (93, 35974), (102, 36052), (120, 36202), (133, 36298),

Gene: Murica_24 Start: 21418, Stop: 22251, Start Num: 20
Candidate Starts for Murica_24:
(Start: 1 @21097 has 1 MA's), (2, 21121), (Start: 20 @21418 has 122 MA's), (Start: 26 @21430 has 11 MA's), (37, 21511), (40, 21532), (44, 21550), (47, 21580), (58, 21649), (78, 21817), (84, 21853), (96, 21958), (103, 22000), (108, 22045), (113, 22087), (126, 22162), (129, 22174),

Gene: Murphy_26 Start: 21413, Stop: 22246, Start Num: 20
Candidate Starts for Murphy_26:
(Start: 1 @21092 has 1 MA's), (2, 21116), (Start: 20 @21413 has 122 MA's), (Start: 26 @21425 has 11 MA's), (37, 21506), (40, 21527), (44, 21545), (47, 21575), (78, 21812), (84, 21848), (96, 21953), (103, 21995), (108, 22040), (113, 22082), (126, 22157), (129, 22169),

Gene: Mutaforma13_17 Start: 16599, Stop: 17447, Start Num: 12
Candidate Starts for Mutaforma13_17:
(Start: 12 @16599 has 38 MA's), (Start: 19 @16617 has 222 MA's), (24, 16629), (27, 16653), (Start: 30 @16668 has 1 MA's), (36, 16713), (41, 16743), (46, 16773), (49, 16797), (59, 16887), (61, 16896), (67, 16944), (73, 16989), (75, 16995), (76, 16998), (79, 17022), (82, 17040), (89, 17103), (93, 17112), (96, 17151), (99, 17166), (104, 17202), (105, 17205), (106, 17214), (107, 17238), (110, 17259), (120, 17328), (131, 17385), (132, 17415),

Gene: Mwanjiwa_17 Start: 16555, Stop: 17385, Start Num: 19
Candidate Starts for Mwanjiwa_17:
(Start: 13 @16540 has 27 MA's), (Start: 19 @16555 has 222 MA's), (24, 16567), (27, 16591), (Start: 30 @16606 has 1 MA's), (36, 16651), (41, 16681), (49, 16735), (50, 16741), (59, 16825), (61, 16834), (67, 16882), (73, 16927), (75, 16933), (76, 16936), (79, 16960), (80, 16963), (82, 16978), (89, 17041), (93, 17050), (96, 17089), (99, 17104), (104, 17140), (105, 17143), (106, 17152), (107, 17176), (110, 17197), (116, 17224), (120, 17266), (131, 17323), (132, 17353), (136, 17371),

Gene: Myrale_25 Start: 21304, Stop: 22137, Start Num: 20
Candidate Starts for Myrale_25:
(Start: 1 @20983 has 1 MA's), (2, 21007), (Start: 20 @21304 has 122 MA's), (Start: 26 @21316 has 11 MA's), (37, 21397), (40, 21418), (44, 21436), (47, 21466), (78, 21703), (84, 21739), (96, 21844), (103, 21886), (108, 21931), (113, 21973), (126, 22048), (129, 22060),

Gene: Nala_25 Start: 21460, Stop: 22293, Start Num: 20
Candidate Starts for Nala_25:
(Start: 1 @21139 has 1 MA's), (2, 21163), (Start: 20 @21460 has 122 MA's), (Start: 26 @21472 has 11 MA's), (37, 21553), (40, 21574), (44, 21592), (47, 21622), (58, 21691), (78, 21859), (84, 21895), (96, 22000), (103, 22042), (108, 22087), (113, 22129), (126, 22204), (129, 22216),

Gene: Nazo_19 Start: 17888, Stop: 18781, Start Num: 16

Candidate Starts for Nazo_19:
(Start: 16 @17888 has 50 MA's), (Start: 30 @17942 has 1 MA's), (32, 17966), (34, 17978), (48, 18068), (74, 18290), (75, 18293), (105, 18515), (114, 18599), (115, 18602), (120, 18656), (121, 18668),

Gene: Necropolis_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Necropolis_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Nekros_35 Start: 28887, Stop: 29738, Start Num: 21
Candidate Starts for Nekros_35:
(11, 28833), (Start: 21 @28887 has 30 MA's), (25, 28893), (34, 28968), (50, 29067), (55, 29112), (56, 29115), (64, 29208), (65, 29211), (68, 29232), (77, 29301), (82, 29325), (83, 29334), (90, 29388), (96, 29439), (100, 29457), (103, 29481), (107, 29523), (112, 29553), (117, 29592), (133, 29715),

Gene: NelitzaMV_25 Start: 21503, Stop: 22336, Start Num: 20
Candidate Starts for NelitzaMV_25:
(Start: 1 @21182 has 1 MA's), (2, 21206), (Start: 20 @21503 has 122 MA's), (Start: 26 @21515 has 11 MA's), (37, 21596), (40, 21617), (44, 21635), (47, 21665), (58, 21734), (78, 21902), (84, 21938), (96, 22043), (103, 22085), (108, 22130), (113, 22172), (126, 22247), (129, 22259),

Gene: Nenae_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Nenae_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: NewHope4_18 Start: 16619, Stop: 17449, Start Num: 19
Candidate Starts for NewHope4_18:
(Start: 12 @16601 has 38 MA's), (Start: 19 @16619 has 222 MA's), (24, 16631), (27, 16655), (Start: 30 @16670 has 1 MA's), (36, 16715), (41, 16745), (46, 16775), (49, 16799), (50, 16805), (59, 16889), (61, 16898), (67, 16946), (73, 16991), (75, 16997), (76, 17000), (79, 17024), (80, 17027), (82, 17042), (89, 17105), (93, 17114), (96, 17153), (99, 17168), (104, 17204), (105, 17207), (106, 17216), (107, 17240), (110, 17261), (114, 17282), (120, 17330), (131, 17387), (132, 17417), (136, 17435),

Gene: Nibley_30 Start: 25588, Stop: 26439, Start Num: 22
Candidate Starts for Nibley_30:
(Start: 22 @25588 has 11 MA's), (25, 25594), (34, 25669), (42, 25711), (50, 25768), (55, 25813), (56, 25816), (64, 25909), (65, 25912), (68, 25933), (77, 26002), (82, 26026), (83, 26035), (96, 26140), (103, 26182), (107, 26224), (112, 26254), (119, 26314),

Gene: Nichirin_17 Start: 16772, Stop: 17602, Start Num: 19
Candidate Starts for Nichirin_17:
(Start: 13 @16757 has 27 MA's), (Start: 19 @16772 has 222 MA's), (24, 16784), (27, 16808), (Start: 30 @16823 has 1 MA's), (36, 16868), (41, 16898), (49, 16952), (50, 16958), (59, 17042), (61, 17051), (67, 17099), (69, 17117), (73, 17144), (75, 17150), (76, 17153), (79, 17177), (80, 17180), (93, 17267), (96, 17306), (104, 17357), (105, 17360), (106, 17369), (107, 17393), (110, 17414), (116, 17441), (120, 17483), (131, 17540), (132, 17570),

Gene: NiebruSaylor_56 Start: 34680, Stop: 35528, Start Num: 15
Candidate Starts for NiebruSaylor_56:

(Start: 15 @34680 has 31 MA's), (Start: 19 @34686 has 222 MA's), (23, 34701), (29, 34740), (35, 34785), (45, 34839), (59, 34953), (81, 35097), (83, 35118), (93, 35181), (102, 35259), (120, 35409), (133, 35505),

Gene: NihilNomen_37 Start: 29422, Stop: 30273, Start Num: 21
Candidate Starts for NihilNomen_37:
(Start: 21 @29422 has 30 MA's), (25, 29428), (34, 29503), (50, 29602), (55, 29647), (56, 29650), (65, 29746), (77, 29836), (82, 29860), (83, 29869), (85, 29884), (100, 29992), (103, 30016), (107, 30058), (122, 30169), (129, 30193), (135, 30256),

Gene: Nimbo_17 Start: 16573, Stop: 17403, Start Num: 19
Candidate Starts for Nimbo_17:
(Start: 13 @16558 has 27 MA's), (Start: 19 @16573 has 222 MA's), (24, 16585), (27, 16609), (Start: 30 @16624 has 1 MA's), (36, 16669), (41, 16699), (46, 16729), (49, 16753), (59, 16843), (61, 16852), (63, 16864), (67, 16900), (75, 16951), (76, 16954), (79, 16978), (82, 16996), (89, 17059), (93, 17068), (99, 17122), (102, 17146), (105, 17161), (106, 17170), (107, 17194), (110, 17215), (116, 17242), (120, 17284), (131, 17341), (132, 17371),

Gene: Nimrod_25 Start: 21679, Stop: 22512, Start Num: 20
Candidate Starts for Nimrod_25:
(Start: 1 @21358 has 1 MA's), (2, 21382), (Start: 20 @21679 has 122 MA's), (Start: 26 @21691 has 11 MA's), (37, 21772), (40, 21793), (44, 21811), (47, 21841), (58, 21910), (78, 22078), (84, 22114), (96, 22219), (103, 22261), (108, 22306), (113, 22348), (126, 22423), (129, 22435),

Gene: Nitzel_18 Start: 17309, Stop: 18139, Start Num: 19
Candidate Starts for Nitzel_18:
(4, 17132), (7, 17162), (10, 17219), (Start: 12 @17291 has 38 MA's), (Start: 19 @17309 has 222 MA's), (24, 17321), (27, 17345), (Start: 30 @17360 has 1 MA's), (46, 17465), (49, 17489), (59, 17579), (61, 17588), (63, 17600), (67, 17636), (75, 17687), (76, 17690), (79, 17714), (82, 17732), (89, 17795), (93, 17804), (99, 17858), (102, 17882), (105, 17897), (106, 17906), (107, 17930), (110, 17951), (116, 17978), (120, 18020), (131, 18077), (132, 18107),

Gene: Nivrat_17 Start: 16578, Stop: 17408, Start Num: 19
Candidate Starts for Nivrat_17:
(Start: 13 @16563 has 27 MA's), (Start: 19 @16578 has 222 MA's), (24, 16590), (27, 16614), (Start: 30 @16629 has 1 MA's), (36, 16674), (41, 16704), (49, 16758), (59, 16848), (61, 16857), (67, 16905), (69, 16923), (73, 16950), (75, 16956), (76, 16959), (79, 16983), (80, 16986), (82, 17001), (93, 17073), (96, 17112), (104, 17163), (105, 17166), (106, 17175), (107, 17199), (110, 17220), (120, 17289), (131, 17346), (132, 17376),

Gene: NoSleep_26 Start: 21173, Stop: 22006, Start Num: 20
Candidate Starts for NoSleep_26:
(Start: 1 @20852 has 1 MA's), (2, 20876), (Start: 20 @21173 has 122 MA's), (Start: 26 @21185 has 11 MA's), (37, 21266), (40, 21287), (44, 21305), (47, 21335), (58, 21404), (78, 21572), (84, 21608), (96, 21713), (103, 21755), (108, 21800), (113, 21842), (126, 21917), (129, 21929),

Gene: NonchalantPear_25 Start: 21129, Stop: 21962, Start Num: 20
Candidate Starts for NonchalantPear_25:
(Start: 1 @20808 has 1 MA's), (2, 20832), (Start: 20 @21129 has 122 MA's), (Start: 26 @21141 has 11 MA's), (37, 21222), (40, 21243), (44, 21261), (47, 21291), (78, 21528), (84, 21564), (96, 21669), (103, 21711), (108, 21756), (113, 21798), (126, 21873), (129, 21885),

Gene: NormanBulbieJr_17 Start: 16551, Stop: 17396, Start Num: 13

Candidate Starts for NormanBulbieJr_17:
(Start: 13 @16551 has 27 MA's), (Start: 19 @16566 has 222 MA's), (24, 16578), (27, 16602), (Start: 30 @16617 has 1 MA's), (36, 16662), (41, 16692), (49, 16746), (59, 16836), (61, 16845), (67, 16893), (69, 16911), (73, 16938), (75, 16944), (76, 16947), (79, 16971), (80, 16974), (82, 16989), (93, 17061), (96, 17100), (104, 17151), (105, 17154), (106, 17163), (107, 17187), (110, 17208), (120, 17277), (131, 17334), (132, 17364),

Gene: Ochi17_17 Start: 16792, Stop: 17637, Start Num: 13
Candidate Starts for Ochi17_17:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Odette_37 Start: 28655, Stop: 29506, Start Num: 21
Candidate Starts for Odette_37:
(Start: 21 @28655 has 30 MA's), (25, 28661), (34, 28736), (50, 28835), (55, 28880), (56, 28883), (65, 28979), (77, 29069), (82, 29093), (83, 29102), (85, 29117), (100, 29225), (103, 29249), (107, 29291), (122, 29402), (129, 29426), (135, 29489),

Gene: OfUltron_17 Start: 16807, Stop: 17637, Start Num: 19
Candidate Starts for OfUltron_17:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Ogopogo_20 Start: 16818, Stop: 17663, Start Num: 13
Candidate Starts for Ogopogo_20:
(Start: 13 @16818 has 27 MA's), (Start: 19 @16833 has 222 MA's), (24, 16845), (27, 16869), (Start: 30 @16884 has 1 MA's), (36, 16929), (41, 16959), (49, 17013), (59, 17103), (61, 17112), (69, 17178), (73, 17205), (75, 17211), (76, 17214), (79, 17238), (80, 17241), (93, 17328), (96, 17367), (105, 17421), (106, 17430), (107, 17454), (110, 17475), (116, 17502), (120, 17544), (131, 17601), (132, 17631),

Gene: Okabe_19 Start: 17362, Stop: 18192, Start Num: 19
Candidate Starts for Okabe_19:
(Start: 13 @17347 has 27 MA's), (Start: 19 @17362 has 222 MA's), (24, 17374), (27, 17398), (Start: 30 @17413 has 1 MA's), (36, 17458), (41, 17488), (49, 17542), (59, 17632), (61, 17641), (67, 17689), (69, 17707), (75, 17740), (76, 17743), (79, 17767), (80, 17770), (82, 17785), (89, 17848), (93, 17857), (96, 17896), (99, 17911), (100, 17914), (104, 17947), (105, 17950), (106, 17959), (107, 17983), (110, 18004), (115, 18028), (116, 18031), (120, 18073), (131, 18130), (132, 18160),

Gene: Oksu_18 Start: 16649, Stop: 17482, Start Num: 18
Candidate Starts for Oksu_18:
(Start: 12 @16631 has 38 MA's), (Start: 18 @16649 has 1 MA's), (24, 16661), (27, 16685), (Start: 30 @16700 has 1 MA's), (36, 16745), (59, 16922), (62, 16940), (67, 16979), (73, 17024), (75, 17030), (76, 17033), (79, 17057), (80, 17060), (93, 17147), (96, 17186), (104, 17237), (105, 17240), (106, 17249), (107, 17273), (110, 17294), (116, 17321), (120, 17363), (131, 17420), (132, 17450),

Gene: OldBen_17 Start: 16543, Stop: 17373, Start Num: 19
Candidate Starts for OldBen_17:

(Start: 13 @16528 has 27 MA's), (Start: 19 @16543 has 222 MA's), (24, 16555), (27, 16579), (Start: 30 @16594 has 1 MA's), (36, 16639), (41, 16669), (46, 16699), (49, 16723), (59, 16813), (61, 16822), (67, 16870), (69, 16888), (73, 16915), (75, 16921), (76, 16924), (79, 16948), (80, 16951), (89, 17029), (93, 17038), (96, 17077), (99, 17092), (104, 17128), (105, 17131), (106, 17140), (107, 17164), (110, 17185), (115, 17209), (116, 17212), (120, 17254), (131, 17311), (132, 17341),

Gene: OlympiaSaint_17 Start: 16748, Stop: 17596, Start Num: 12
Candidate Starts for OlympiaSaint_17:
(Start: 12 @16748 has 38 MA's), (Start: 19 @16766 has 222 MA's), (24, 16778), (27, 16802), (Start: 30 @16817 has 1 MA's), (36, 16862), (41, 16892), (46, 16922), (49, 16946), (50, 16952), (59, 17036), (61, 17045), (67, 17093), (73, 17138), (75, 17144), (76, 17147), (79, 17171), (80, 17174), (82, 17189), (89, 17252), (93, 17261), (96, 17300), (99, 17315), (104, 17351), (105, 17354), (106, 17363), (107, 17387), (110, 17408), (120, 17477), (131, 17534), (132, 17564), (136, 17582),

Gene: Omega_37 Start: 30583, Stop: 31434, Start Num: 22
Candidate Starts for Omega_37:
(Start: 22 @30583 has 11 MA's), (25, 30589), (34, 30664), (50, 30763), (55, 30808), (56, 30811), (64, 30904), (65, 30907), (77, 30997), (79, 31003), (82, 31021), (83, 31030), (96, 31135), (103, 31177), (107, 31219), (112, 31249), (119, 31309),

Gene: Optimus_36 Start: 29927, Stop: 30778, Start Num: 21
Candidate Starts for Optimus_36:
(Start: 21 @29927 has 30 MA's), (25, 29933), (34, 30008), (38, 30023), (50, 30107), (55, 30152), (57, 30161), (65, 30251), (77, 30341), (83, 30374), (84, 30380), (92, 30431), (96, 30479), (100, 30497), (103, 30521), (105, 30530), (107, 30563), (108, 30566), (117, 30632), (133, 30755), (135, 30761),

Gene: OrionPax_26 Start: 21191, Stop: 22012, Start Num: 26
Candidate Starts for OrionPax_26:
(Start: 1 @20858 has 1 MA's), (2, 20882), (Start: 20 @21179 has 122 MA's), (Start: 26 @21191 has 11 MA's), (37, 21272), (40, 21293), (44, 21311), (47, 21341), (78, 21578), (84, 21614), (96, 21719), (103, 21761), (108, 21806), (113, 21848), (126, 21923), (129, 21935),

Gene: Ovechkin_17 Start: 16582, Stop: 17430, Start Num: 12
Candidate Starts for Ovechkin_17:
(Start: 12 @16582 has 38 MA's), (Start: 19 @16600 has 222 MA's), (24, 16612), (27, 16636), (Start: 30 @16651 has 1 MA's), (36, 16696), (41, 16726), (46, 16756), (49, 16780), (59, 16870), (61, 16879), (67, 16927), (73, 16972), (75, 16978), (76, 16981), (79, 17005), (80, 17008), (82, 17023), (89, 17086), (93, 17095), (96, 17134), (99, 17149), (104, 17185), (105, 17188), (106, 17197), (107, 17221), (110, 17242), (120, 17311), (131, 17368), (132, 17398),

Gene: OwlsT2W_19 Start: 16920, Stop: 17768, Start Num: 12
Candidate Starts for OwlsT2W_19:
(Start: 12 @16920 has 38 MA's), (Start: 19 @16938 has 222 MA's), (24, 16950), (27, 16974), (Start: 30 @16989 has 1 MA's), (36, 17034), (41, 17064), (46, 17094), (49, 17118), (59, 17208), (61, 17217), (63, 17229), (67, 17265), (73, 17310), (75, 17316), (76, 17319), (79, 17343), (82, 17361), (89, 17424), (93, 17433), (96, 17472), (99, 17487), (104, 17523), (105, 17526), (106, 17535), (107, 17559), (110, 17580), (120, 17649), (131, 17706), (132, 17736), (136, 17754),

Gene: PHappiness_17 Start: 16551, Stop: 17381, Start Num: 19
Candidate Starts for PHappiness_17:
(Start: 13 @16536 has 27 MA's), (Start: 19 @16551 has 222 MA's), (24, 16563), (27, 16587), (Start: 30 @16602 has 1 MA's), (36, 16647), (41, 16677), (46, 16707), (49, 16731), (59, 16821), (61, 16830), (67, 16878), (69, 16896), (73, 16923), (75, 16929), (76, 16932), (79, 16956), (80, 16959), (89, 17037), (93,

17046), (96, 17085), (99, 17100), (104, 17136), (105, 17139), (106, 17148), (107, 17172), (110, 17193), (115, 17217), (116, 17220), (120, 17262), (131, 17319), (132, 17349),

Gene: PMC_17 Start: 16556, Stop: 17386, Start Num: 19
Candidate Starts for PMC_17:
(Start: 13 @16541 has 27 MA's), (Start: 19 @16556 has 222 MA's), (24, 16568), (27, 16592), (Start: 30 @16607 has 1 MA's), (36, 16652), (41, 16682), (49, 16736), (59, 16826), (61, 16835), (67, 16883), (69, 16901), (73, 16928), (75, 16934), (76, 16937), (79, 16961), (80, 16964), (82, 16979), (89, 17042), (93, 17051), (96, 17090), (99, 17105), (102, 17129), (104, 17141), (105, 17144), (106, 17153), (107, 17177), (110, 17198), (114, 17219), (115, 17222), (120, 17267), (131, 17324), (132, 17354), (136, 17372),

Gene: Pacc40_17 Start: 16726, Stop: 17571, Start Num: 13
Candidate Starts for Pacc40_17:
(Start: 13 @16726 has 27 MA's), (Start: 19 @16741 has 222 MA's), (24, 16753), (27, 16777), (Start: 30 @16792 has 1 MA's), (36, 16837), (41, 16867), (46, 16897), (49, 16921), (59, 17011), (61, 17020), (67, 17068), (69, 17086), (73, 17113), (75, 17119), (76, 17122), (79, 17146), (80, 17149), (89, 17227), (93, 17236), (96, 17275), (99, 17290), (104, 17326), (105, 17329), (106, 17338), (107, 17362), (110, 17383), (115, 17407), (116, 17410), (120, 17452), (131, 17509), (132, 17539),

Gene: PaddyBaddy_26 Start: 21189, Stop: 22022, Start Num: 20
Candidate Starts for PaddyBaddy_26:
(Start: 1 @20868 has 1 MA's), (2, 20892), (Start: 20 @21189 has 122 MA's), (Start: 26 @21201 has 11 MA's), (37, 21282), (40, 21303), (44, 21321), (47, 21351), (78, 21588), (84, 21624), (96, 21729), (103, 21771), (108, 21816), (113, 21858), (126, 21933), (129, 21945),

Gene: PaintedDog_19 Start: 17681, Stop: 18532, Start Num: 14
Candidate Starts for PaintedDog_19:
(Start: 14 @17681 has 10 MA's), (31, 17747), (51, 17882), (54, 17918), (60, 17966), (67, 18020), (72, 18062), (81, 18101), (83, 18122), (93, 18185), (100, 18251), (109, 18338), (111, 18347), (113, 18362), (114, 18365), (126, 18452), (133, 18509),

Gene: Palpatine_25 Start: 21451, Stop: 22284, Start Num: 20
Candidate Starts for Palpatine_25:
(Start: 1 @21130 has 1 MA's), (2, 21154), (Start: 20 @21451 has 122 MA's), (Start: 26 @21463 has 11 MA's), (37, 21544), (40, 21565), (44, 21583), (47, 21613), (58, 21682), (78, 21850), (84, 21886), (96, 21991), (103, 22033), (108, 22078), (113, 22120), (126, 22195), (129, 22207),

Gene: Panchino_19 Start: 16691, Stop: 17533, Start Num: 19
Candidate Starts for Panchino_19:
(Start: 19 @16691 has 222 MA's), (33, 16778), (35, 16790), (46, 16853), (61, 16976), (73, 17069), (83, 17129), (87, 17171), (94, 17225), (99, 17246), (100, 17249), (102, 17270), (105, 17285), (114, 17360), (118, 17396), (125, 17447), (132, 17504), (135, 17519),

Gene: Paperbeatsrock_27 Start: 22414, Stop: 23247, Start Num: 20
Candidate Starts for Paperbeatsrock_27:
(Start: 1 @22093 has 1 MA's), (2, 22117), (Start: 20 @22414 has 122 MA's), (Start: 26 @22426 has 11 MA's), (37, 22507), (40, 22528), (44, 22546), (47, 22576), (78, 22813), (84, 22849), (96, 22954), (103, 22996), (108, 23041), (113, 23083), (126, 23158), (129, 23170),

Gene: Parmesanjohn_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Parmesanjohn_19:

(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Pat3_24 Start: 20160, Stop: 20993, Start Num: 20
Candidate Starts for Pat3_24:
(Start: 1 @19839 has 1 MA's), (2, 19863), (Start: 20 @20160 has 122 MA's), (Start: 26 @20172 has 11 MA's), (37, 20253), (40, 20274), (44, 20292), (47, 20322), (58, 20391), (78, 20559), (84, 20595), (96, 20700), (103, 20742), (108, 20787), (113, 20829), (126, 20904), (129, 20916),

Gene: PatoPoderoso_17 Start: 16607, Stop: 17440, Start Num: 19
Candidate Starts for PatoPoderoso_17:
(Start: 12 @16589 has 38 MA's), (Start: 19 @16607 has 222 MA's), (24, 16619), (27, 16643), (Start: 30 @16658 has 1 MA's), (36, 16703), (41, 16733), (59, 16880), (62, 16898), (67, 16937), (73, 16982), (75, 16988), (76, 16991), (79, 17015), (80, 17018), (82, 17033), (89, 17096), (93, 17105), (96, 17144), (99, 17159), (104, 17195), (105, 17198), (106, 17207), (107, 17231), (110, 17252), (120, 17321), (131, 17378), (132, 17408),

Gene: PeanutPie_20 Start: 18151, Stop: 19044, Start Num: 16
Candidate Starts for PeanutPie_20:
(Start: 16 @18151 has 50 MA's), (Start: 30 @18205 has 1 MA's), (32, 18229), (37, 18253), (40, 18274), (48, 18331), (52, 18343), (56, 18385), (63, 18445), (74, 18553), (94, 18721), (95, 18724), (99, 18742), (100, 18745), (101, 18757), (105, 18778), (114, 18862), (135, 19027), (136, 19030),

Gene: Peridot_19 Start: 16379, Stop: 17212, Start Num: 19
Candidate Starts for Peridot_19:
(Start: 12 @16361 has 38 MA's), (Start: 19 @16379 has 222 MA's), (24, 16391), (27, 16415), (Start: 30 @16430 has 1 MA's), (36, 16475), (41, 16505), (59, 16652), (62, 16670), (67, 16709), (73, 16754), (75, 16760), (76, 16763), (79, 16787), (80, 16790), (82, 16805), (89, 16868), (93, 16877), (96, 16916), (99, 16931), (104, 16967), (105, 16970), (106, 16979), (107, 17003), (110, 17024), (120, 17093), (131, 17150), (132, 17180),

Gene: Petra64142_27 Start: 21906, Stop: 22727, Start Num: 26
Candidate Starts for Petra64142_27:
(Start: 1 @21573 has 1 MA's), (2, 21597), (Start: 20 @21894 has 122 MA's), (Start: 26 @21906 has 11 MA's), (37, 21987), (40, 22008), (44, 22026), (47, 22056), (58, 22125), (78, 22293), (84, 22329), (96, 22434), (103, 22476), (108, 22521), (113, 22563), (126, 22638), (129, 22650),

Gene: Phaja_25 Start: 21610, Stop: 22443, Start Num: 20
Candidate Starts for Phaja_25:
(Start: 1 @21289 has 1 MA's), (2, 21313), (Start: 20 @21610 has 122 MA's), (Start: 26 @21622 has 11 MA's), (37, 21703), (40, 21724), (44, 21742), (47, 21772), (58, 21841), (78, 22009), (84, 22045), (96, 22150), (103, 22192), (108, 22237), (113, 22279), (126, 22354), (129, 22366),

Gene: Phalconet_17 Start: 16621, Stop: 17451, Start Num: 19
Candidate Starts for Phalconet_17:
(Start: 12 @16603 has 38 MA's), (Start: 19 @16621 has 222 MA's), (24, 16633), (27, 16657), (Start: 30 @16672 has 1 MA's), (36, 16717), (41, 16747), (46, 16777), (49, 16801), (59, 16891), (61, 16900), (67, 16948), (73, 16993), (75, 16999), (76, 17002), (79, 17026), (82, 17044), (89, 17107), (93, 17116), (96, 17155), (99, 17170), (104, 17206), (105, 17209), (106, 17218), (107, 17242), (110, 17263), (120, 17332), (123, 17353), (131, 17389), (132, 17419),

Gene: Phalm_20 Start: 18032, Stop: 18925, Start Num: 16

Candidate Starts for Phalm_20:
(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623), (100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: PhancyPhin_19 Start: 16715, Stop: 17557, Start Num: 19
Candidate Starts for PhancyPhin_19:
(Start: 19 @16715 has 222 MA's), (33, 16802), (35, 16814), (46, 16877), (61, 17000), (73, 17093), (83, 17153), (87, 17195), (94, 17249), (99, 17270), (100, 17273), (102, 17294), (105, 17309), (114, 17384), (118, 17420), (125, 17471), (132, 17528), (135, 17543),

Gene: Phanphagia_17 Start: 16623, Stop: 17453, Start Num: 19
Candidate Starts for Phanphagia_17:
(Start: 12 @16605 has 38 MA's), (Start: 19 @16623 has 222 MA's), (24, 16635), (27, 16659), (Start: 30 @16674 has 1 MA's), (36, 16719), (41, 16749), (46, 16779), (49, 16803), (59, 16893), (61, 16902), (67, 16950), (73, 16995), (75, 17001), (76, 17004), (79, 17028), (82, 17046), (89, 17109), (93, 17118), (96, 17157), (99, 17172), (104, 17208), (105, 17211), (106, 17220), (107, 17244), (110, 17265), (120, 17334), (131, 17391), (132, 17421),

Gene: Pharsalus_26 Start: 22214, Stop: 23047, Start Num: 20
Candidate Starts for Pharsalus_26:
(Start: 1 @21893 has 1 MA's), (2, 21917), (Start: 20 @22214 has 122 MA's), (Start: 26 @22226 has 11 MA's), (37, 22307), (40, 22328), (44, 22346), (47, 22376), (78, 22613), (84, 22649), (96, 22754), (103, 22796), (108, 22841), (113, 22883), (126, 22958), (129, 22970),

Gene: Phasih_18 Start: 17094, Stop: 17942, Start Num: 13
Candidate Starts for Phasih_18:
(Start: 13 @17094 has 27 MA's), (Start: 19 @17109 has 222 MA's), (24, 17121), (27, 17145), (Start: 30 @17160 has 1 MA's), (36, 17205), (41, 17235), (59, 17382), (62, 17400), (67, 17439), (79, 17517), (80, 17520), (93, 17607), (96, 17646), (105, 17700), (106, 17709), (107, 17733), (110, 17754), (116, 17781), (120, 17823), (131, 17880), (132, 17910),

Gene: PhatBacter_25 Start: 21462, Stop: 22295, Start Num: 20
Candidate Starts for PhatBacter_25:
(Start: 1 @21141 has 1 MA's), (2, 21165), (Start: 20 @21462 has 122 MA's), (Start: 26 @21474 has 11 MA's), (37, 21555), (40, 21576), (44, 21594), (47, 21624), (58, 21693), (78, 21861), (84, 21897), (96, 22002), (103, 22044), (108, 22089), (113, 22131), (126, 22206), (129, 22218),

Gene: Phatniss_18 Start: 17074, Stop: 17904, Start Num: 19
Candidate Starts for Phatniss_18:
(Start: 12 @17056 has 38 MA's), (Start: 19 @17074 has 222 MA's), (24, 17086), (27, 17110), (Start: 30 @17125 has 1 MA's), (36, 17170), (41, 17200), (46, 17230), (49, 17254), (59, 17344), (61, 17353), (67, 17401), (73, 17446), (75, 17452), (76, 17455), (79, 17479), (82, 17497), (89, 17560), (93, 17569), (96, 17608), (99, 17623), (104, 17659), (105, 17662), (106, 17671), (107, 17695), (110, 17716), (120, 17785), (131, 17842), (132, 17872),

Gene: Phaux_24 Start: 21460, Stop: 22293, Start Num: 20
Candidate Starts for Phaux_24:
(Start: 1 @21139 has 1 MA's), (2, 21163), (Start: 20 @21460 has 122 MA's), (Start: 26 @21472 has 11 MA's), (37, 21553), (40, 21574), (44, 21592), (47, 21622), (58, 21691), (78, 21859), (84, 21895), (96, 22000), (103, 22042), (108, 22087), (113, 22129), (126, 22204), (129, 22216),

Gene: Phayonce_19 Start: 17840, Stop: 18733, Start Num: 16

Candidate Starts for Phayonce_19:
(Start: 16 @17840 has 50 MA's), (Start: 30 @17894 has 1 MA's), (32, 17918), (34, 17930), (48, 18020), (57, 18080), (74, 18242), (75, 18245), (79, 18281), (105, 18467), (114, 18551), (120, 18608), (124, 18632), (135, 18716),

Gene: Phegasus_20 Start: 18150, Stop: 19043, Start Num: 16
Candidate Starts for Phegasus_20:
(Start: 16 @18150 has 50 MA's), (Start: 30 @18204 has 1 MA's), (32, 18228), (37, 18252), (48, 18330), (56, 18384), (63, 18444), (74, 18552), (94, 18720), (95, 18723), (105, 18777), (114, 18861), (115, 18864), (120, 18918), (135, 19026), (136, 19029),

Gene: PhesterPhotato_17 Start: 16592, Stop: 17422, Start Num: 19
Candidate Starts for PhesterPhotato_17:
(5, 16439), (8, 16496), (Start: 12 @16574 has 38 MA's), (Start: 19 @16592 has 222 MA's), (24, 16604), (27, 16628), (Start: 30 @16643 has 1 MA's), (36, 16688), (41, 16718), (46, 16748), (49, 16772), (59, 16862), (61, 16871), (67, 16919), (73, 16964), (75, 16970), (76, 16973), (79, 16997), (82, 17015), (89, 17078), (93, 17087), (96, 17126), (99, 17141), (104, 17177), (105, 17180), (106, 17189), (107, 17213), (110, 17234), (120, 17303), (131, 17360), (132, 17390),

Gene: Philonius_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Philonius_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Philus_17 Start: 16578, Stop: 17408, Start Num: 19
Candidate Starts for Philus_17:
(Start: 13 @16563 has 27 MA's), (Start: 19 @16578 has 222 MA's), (24, 16590), (27, 16614), (Start: 30 @16629 has 1 MA's), (36, 16674), (41, 16704), (49, 16758), (59, 16848), (61, 16857), (67, 16905), (69, 16923), (73, 16950), (75, 16956), (76, 16959), (79, 16983), (80, 16986), (82, 17001), (93, 17073), (96, 17112), (105, 17166), (106, 17175), (107, 17199), (110, 17220), (116, 17247), (120, 17289), (131, 17346), (132, 17376),

Gene: Phineas_20 Start: 18141, Stop: 19034, Start Num: 16
Candidate Starts for Phineas_20:
(Start: 16 @18141 has 50 MA's), (Start: 30 @18195 has 1 MA's), (32, 18219), (37, 18243), (40, 18264), (48, 18321), (52, 18333), (56, 18375), (63, 18435), (74, 18543), (94, 18711), (95, 18714), (105, 18768), (114, 18852), (115, 18855), (120, 18909), (135, 19017), (136, 19020),

Gene: PhlipPhlop_17 Start: 16525, Stop: 17355, Start Num: 19
Candidate Starts for PhlipPhlop_17:
(Start: 13 @16510 has 27 MA's), (Start: 19 @16525 has 222 MA's), (24, 16537), (27, 16561), (Start: 30 @16576 has 1 MA's), (36, 16621), (41, 16651), (46, 16681), (49, 16705), (59, 16795), (61, 16804), (67, 16852), (69, 16870), (73, 16897), (75, 16903), (76, 16906), (79, 16930), (80, 16933), (82, 16948), (93, 17020), (96, 17059), (105, 17113), (106, 17122), (107, 17146), (110, 17167), (116, 17194), (120, 17236), (131, 17293), (132, 17323),

Gene: Phloss_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Phloss_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Phoebus_37 Start: 29664, Stop: 30515, Start Num: 21
Candidate Starts for Phoebus_37:
(Start: 21 @29664 has 30 MA's), (25, 29670), (34, 29745), (38, 29760), (50, 29844), (55, 29889), (57, 29898), (65, 29988), (77, 30078), (83, 30111), (84, 30117), (105, 30267), (107, 30300), (108, 30303), (117, 30369), (133, 30492), (135, 30498),

Gene: Phrann_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Phrann_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Phrux_25 Start: 21175, Stop: 22008, Start Num: 20
Candidate Starts for Phrux_25:
(Start: 1 @20854 has 1 MA's), (2, 20878), (Start: 20 @21175 has 122 MA's), (Start: 26 @21187 has 11 MA's), (37, 21268), (40, 21289), (44, 21307), (47, 21337), (78, 21574), (84, 21610), (96, 21715), (103, 21757), (108, 21802), (113, 21844), (126, 21919), (129, 21931),

Gene: Piper2020_18 Start: 16443, Stop: 17273, Start Num: 19
Candidate Starts for Piper2020_18:
(Start: 13 @16428 has 27 MA's), (Start: 19 @16443 has 222 MA's), (24, 16455), (27, 16479), (Start: 30 @16494 has 1 MA's), (36, 16539), (41, 16569), (46, 16599), (49, 16623), (50, 16629), (59, 16713), (61, 16722), (67, 16770), (73, 16815), (75, 16821), (76, 16824), (79, 16848), (82, 16866), (89, 16929), (93, 16938), (96, 16977), (99, 16992), (104, 17028), (105, 17031), (106, 17040), (107, 17064), (110, 17085), (116, 17112), (120, 17154), (131, 17211), (132, 17241),

Gene: Pippy_17 Start: 16562, Stop: 17392, Start Num: 19
Candidate Starts for Pippy_17:
(Start: 12 @16544 has 38 MA's), (Start: 19 @16562 has 222 MA's), (24, 16574), (27, 16598), (Start: 30 @16613 has 1 MA's), (36, 16658), (41, 16688), (46, 16718), (49, 16742), (59, 16832), (61, 16841), (67, 16889), (73, 16934), (75, 16940), (76, 16943), (79, 16967), (80, 16970), (82, 16985), (89, 17048), (93, 17057), (96, 17096), (99, 17111), (104, 17147), (105, 17150), (106, 17159), (107, 17183), (110, 17204), (120, 17273), (131, 17330), (132, 17360),

Gene: Pipsqueaks_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Pipsqueaks_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Plumbus_18 Start: 16399, Stop: 17229, Start Num: 19
Candidate Starts for Plumbus_18:
(Start: 12 @16381 has 38 MA's), (Start: 19 @16399 has 222 MA's), (24, 16411), (27, 16435), (Start: 30 @16450 has 1 MA's), (36, 16495), (41, 16525), (46, 16555), (49, 16579), (59, 16669), (61, 16678), (67, 16726), (73, 16771), (75, 16777), (76, 16780), (79, 16804), (82, 16822), (89, 16885), (93, 16894), (96, 16933), (99, 16948), (104, 16984), (105, 16987), (106, 16996), (107, 17020), (110, 17041), (120, 17110), (131, 17167), (132, 17197),

Gene: Poenanya_17 Start: 16707, Stop: 17537, Start Num: 19
Candidate Starts for Poenanya_17:
(Start: 13 @16692 has 27 MA's), (Start: 19 @16707 has 222 MA's), (24, 16719), (27, 16743), (Start: 30 @16758 has 1 MA's), (36, 16803), (41, 16833), (46, 16863), (49, 16887), (59, 16977), (61, 16986), (63, 16998), (67, 17034), (75, 17085), (76, 17088), (79, 17112), (82, 17130), (89, 17193), (93, 17202), (99,

17256), (102, 17280), (105, 17295), (106, 17304), (107, 17328), (110, 17349), (116, 17376), (120, 17418), (131, 17475), (132, 17505),

Gene: Policronamos_25 Start: 21462, Stop: 22295, Start Num: 20
Candidate Starts for Policronamos_25:
(Start: 1 @21141 has 1 MA's), (2, 21165), (Start: 20 @21462 has 122 MA's), (Start: 26 @21474 has 11 MA's), (37, 21555), (40, 21576), (44, 21594), (47, 21624), (58, 21693), (78, 21861), (84, 21897), (96, 22002), (103, 22044), (108, 22089), (113, 22131), (126, 22206), (129, 22218),

Gene: Polka14_18 Start: 17113, Stop: 17943, Start Num: 19
Candidate Starts for Polka14_18:
(Start: 13 @17098 has 27 MA's), (Start: 19 @17113 has 222 MA's), (24, 17125), (27, 17149), (Start: 30 @17164 has 1 MA's), (36, 17209), (41, 17239), (46, 17269), (49, 17293), (59, 17383), (61, 17392), (67, 17440), (69, 17458), (73, 17485), (75, 17491), (76, 17494), (79, 17518), (80, 17521), (89, 17599), (93, 17608), (96, 17647), (99, 17662), (104, 17698), (105, 17701), (106, 17710), (107, 17734), (110, 17755), (115, 17779), (116, 17782), (120, 17824), (131, 17881), (132, 17911),

Gene: Polkaroo_20 Start: 18160, Stop: 19053, Start Num: 16
Candidate Starts for Polkaroo_20:
(Start: 16 @18160 has 50 MA's), (Start: 30 @18214 has 1 MA's), (32, 18238), (40, 18283), (48, 18340), (55, 18391), (63, 18454), (74, 18562), (88, 18679), (100, 18754), (105, 18787), (114, 18871), (115, 18874), (135, 19036), (136, 19039),

Gene: Pollywog_20 Start: 17778, Stop: 18608, Start Num: 19
Candidate Starts for Pollywog_20:
(Start: 13 @17763 has 27 MA's), (Start: 19 @17778 has 222 MA's), (24, 17790), (27, 17814), (Start: 30 @17829 has 1 MA's), (36, 17874), (41, 17904), (49, 17958), (59, 18048), (61, 18057), (67, 18105), (69, 18123), (73, 18150), (75, 18156), (76, 18159), (79, 18183), (80, 18186), (81, 18189), (93, 18273), (96, 18312), (105, 18366), (106, 18375), (107, 18399), (110, 18420), (116, 18447), (120, 18489), (131, 18546), (132, 18576),

Gene: Polo2Bam_19 Start: 16619, Stop: 17449, Start Num: 19
Candidate Starts for Polo2Bam_19:
(Start: 12 @16601 has 38 MA's), (Start: 19 @16619 has 222 MA's), (24, 16631), (27, 16655), (Start: 30 @16670 has 1 MA's), (36, 16715), (41, 16745), (46, 16775), (49, 16799), (50, 16805), (59, 16889), (61, 16898), (67, 16946), (73, 16991), (75, 16997), (76, 17000), (79, 17024), (80, 17027), (82, 17042), (89, 17105), (93, 17114), (96, 17153), (99, 17168), (104, 17204), (105, 17207), (106, 17216), (107, 17240), (110, 17261), (114, 17282), (120, 17330), (131, 17387), (132, 17417), (136, 17435),

Gene: PopTart_17 Start: 16618, Stop: 17448, Start Num: 19
Candidate Starts for PopTart_17:
(Start: 12 @16600 has 38 MA's), (Start: 19 @16618 has 222 MA's), (24, 16630), (27, 16654), (Start: 30 @16669 has 1 MA's), (36, 16714), (41, 16744), (46, 16774), (49, 16798), (59, 16888), (61, 16897), (63, 16909), (67, 16945), (73, 16990), (75, 16996), (76, 16999), (79, 17023), (80, 17026), (82, 17041), (89, 17104), (93, 17113), (96, 17152), (99, 17167), (104, 17203), (105, 17206), (106, 17215), (107, 17239), (110, 17260), (120, 17329), (131, 17386), (132, 17416),

Gene: Porcelain_34 Start: 26706, Stop: 27557, Start Num: 22
Candidate Starts for Porcelain_34:
(Start: 22 @26706 has 11 MA's), (25, 26712), (34, 26787), (42, 26829), (50, 26886), (55, 26931), (56, 26934), (64, 27027), (65, 27030), (68, 27051), (70, 27069), (77, 27120), (79, 27126), (82, 27144), (83, 27153), (96, 27258), (103, 27300), (107, 27342), (112, 27372), (119, 27432),

Gene: Porky_25 Start: 21271, Stop: 22104, Start Num: 20
Candidate Starts for Porky_25:
(Start: 1 @20950 has 1 MA's), (2, 20974), (Start: 20 @21271 has 122 MA's), (Start: 26 @21283 has 11 MA's), (37, 21364), (40, 21385), (44, 21403), (47, 21433), (58, 21502), (78, 21670), (84, 21706), (96, 21811), (103, 21853), (108, 21898), (113, 21940), (126, 22015), (129, 22027),

Gene: Pound_39 Start: 30653, Stop: 31504, Start Num: 21
Candidate Starts for Pound_39:
(Start: 21 @30653 has 30 MA's), (25, 30659), (34, 30734), (50, 30833), (55, 30878), (56, 30881), (65, 30977), (77, 31067), (82, 31091), (83, 31100), (85, 31115), (100, 31223), (103, 31247), (107, 31289), (122, 31400), (129, 31424), (135, 31487),

Gene: Priscilla_17 Start: 16580, Stop: 17410, Start Num: 19
Candidate Starts for Priscilla_17:
(Start: 12 @16562 has 38 MA's), (Start: 19 @16580 has 222 MA's), (24, 16592), (27, 16616), (Start: 30 @16631 has 1 MA's), (36, 16676), (41, 16706), (46, 16736), (49, 16760), (50, 16766), (59, 16850), (61, 16859), (67, 16907), (73, 16952), (75, 16958), (76, 16961), (79, 16985), (80, 16988), (82, 17003), (89, 17066), (93, 17075), (96, 17114), (99, 17129), (104, 17165), (105, 17168), (106, 17177), (107, 17201), (110, 17222), (120, 17291), (131, 17348), (132, 17378), (136, 17396),

Gene: Ptowny_25 Start: 20828, Stop: 21649, Start Num: 26
Candidate Starts for Ptowny_25:
(Start: 1 @20495 has 1 MA's), (2, 20519), (Start: 20 @20816 has 122 MA's), (Start: 26 @20828 has 11 MA's), (37, 20909), (40, 20930), (44, 20948), (47, 20978), (58, 21047), (78, 21215), (84, 21251), (96, 21356), (103, 21398), (108, 21443), (113, 21485), (126, 21560), (129, 21572),

Gene: Pumpkin_27 Start: 21514, Stop: 22347, Start Num: 20
Candidate Starts for Pumpkin_27:
(Start: 1 @21193 has 1 MA's), (2, 21217), (Start: 20 @21514 has 122 MA's), (Start: 26 @21526 has 11 MA's), (37, 21607), (40, 21628), (44, 21646), (47, 21676), (78, 21913), (84, 21949), (96, 22054), (103, 22096), (108, 22141), (113, 22183), (126, 22258), (129, 22270),

Gene: Purgamenstris_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Purgamenstris_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Purky_19 Start: 17730, Stop: 18623, Start Num: 16
Candidate Starts for Purky_19:
(Start: 16 @17730 has 50 MA's), (Start: 30 @17784 has 1 MA's), (32, 17808), (48, 17910), (74, 18132), (100, 18324), (103, 18348), (105, 18357), (114, 18441), (115, 18444), (120, 18498), (134, 18603), (135, 18606),

Gene: Pygmy_19 Start: 17867, Stop: 18760, Start Num: 16
Candidate Starts for Pygmy_19:
(Start: 16 @17867 has 50 MA's), (Start: 30 @17921 has 1 MA's), (32, 17945), (37, 17969), (40, 17990), (48, 18047), (52, 18059), (56, 18101), (63, 18161), (74, 18269), (94, 18437), (95, 18440), (105, 18494), (114, 18578), (115, 18581), (120, 18635), (135, 18743), (136, 18746),

Gene: Quallification_26 Start: 21652, Stop: 22473, Start Num: 26
Candidate Starts for Quallification_26:

(Start: 1 @21319 has 1 MA's), (2, 21343), (Start: 20 @21640 has 122 MA's), (Start: 26 @21652 has 11 MA's), (37, 21733), (40, 21754), (44, 21772), (47, 21802), (78, 22039), (84, 22075), (96, 22180), (103, 22222), (108, 22267), (113, 22309), (126, 22384), (129, 22396),

Gene: QueenHazel_20 Start: 18237, Stop: 19088, Start Num: 14
Candidate Starts for QueenHazel_20:
(Start: 14 @18237 has 10 MA's), (31, 18303), (51, 18438), (54, 18474), (60, 18522), (67, 18576), (72, 18618), (81, 18657), (83, 18678), (86, 18696), (93, 18741), (100, 18807), (109, 18894), (111, 18903), (113, 18918), (114, 18921), (115, 18924), (126, 19008), (133, 19065),

Gene: QuickMath_18 Start: 17898, Stop: 18746, Start Num: 12
Candidate Starts for QuickMath_18:
(Start: 12 @17898 has 38 MA's), (Start: 19 @17916 has 222 MA's), (24, 17928), (27, 17952), (Start: 30 @17967 has 1 MA's), (36, 18012), (41, 18042), (46, 18072), (49, 18096), (59, 18186), (61, 18195), (67, 18243), (73, 18288), (75, 18294), (76, 18297), (79, 18321), (80, 18324), (82, 18339), (89, 18402), (93, 18411), (96, 18450), (99, 18465), (104, 18501), (105, 18504), (106, 18513), (107, 18537), (110, 18558), (120, 18627), (131, 18684), (132, 18714),

Gene: Quico_18 Start: 16400, Stop: 17230, Start Num: 19
Candidate Starts for Quico_18:
(Start: 12 @16382 has 38 MA's), (Start: 19 @16400 has 222 MA's), (24, 16412), (27, 16436), (Start: 30 @16451 has 1 MA's), (36, 16496), (41, 16526), (46, 16556), (49, 16580), (59, 16670), (61, 16679), (63, 16691), (67, 16727), (75, 16778), (76, 16781), (79, 16805), (82, 16823), (89, 16886), (93, 16895), (96, 16934), (99, 16949), (105, 16988), (106, 16997), (107, 17021), (110, 17042), (120, 17111), (131, 17168), (132, 17198),

Gene: Radiance_17 Start: 16553, Stop: 17383, Start Num: 19
Candidate Starts for Radiance_17:
(Start: 12 @16535 has 38 MA's), (Start: 19 @16553 has 222 MA's), (24, 16565), (27, 16589), (Start: 30 @16604 has 1 MA's), (36, 16649), (41, 16679), (46, 16709), (49, 16733), (59, 16823), (61, 16832), (67, 16880), (73, 16925), (75, 16931), (76, 16934), (79, 16958), (80, 16961), (89, 17039), (93, 17048), (96, 17087), (99, 17102), (104, 17138), (105, 17141), (106, 17150), (107, 17174), (110, 17195), (120, 17264), (131, 17321), (132, 17351),

Gene: Rakim_26 Start: 21559, Stop: 22380, Start Num: 26
Candidate Starts for Rakim_26:
(Start: 1 @21226 has 1 MA's), (2, 21250), (Start: 20 @21547 has 122 MA's), (Start: 26 @21559 has 11 MA's), (37, 21640), (40, 21661), (44, 21679), (47, 21709), (78, 21946), (84, 21982), (96, 22087), (103, 22129), (108, 22174), (113, 22216), (126, 22291), (129, 22303),

Gene: Ramsey_18 Start: 16602, Stop: 17432, Start Num: 19
Candidate Starts for Ramsey_18:
(Start: 13 @16587 has 27 MA's), (Start: 19 @16602 has 222 MA's), (24, 16614), (27, 16638), (Start: 30 @16653 has 1 MA's), (36, 16698), (41, 16728), (46, 16758), (49, 16782), (59, 16872), (61, 16881), (63, 16893), (67, 16929), (75, 16980), (76, 16983), (79, 17007), (82, 17025), (89, 17088), (93, 17097), (99, 17151), (102, 17175), (105, 17190), (106, 17199), (107, 17223), (110, 17244), (116, 17271), (120, 17313), (131, 17370), (132, 17400),

Gene: Raymond7_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Raymond7_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Rearden_32 Start: 25674, Stop: 26525, Start Num: 21
Candidate Starts for Rearden_32:
(Start: 21 @25674 has 30 MA's), (25, 25680), (34, 25755), (42, 25797), (50, 25854), (55, 25899), (56, 25902), (65, 25998), (77, 26088), (82, 26112), (83, 26121), (85, 26136), (100, 26244), (103, 26268), (107, 26310), (122, 26421), (129, 26445), (135, 26508),

Gene: Rebel_19 Start: 16715, Stop: 17557, Start Num: 19
Candidate Starts for Rebel_19:
(Start: 19 @16715 has 222 MA's), (33, 16802), (35, 16814), (46, 16877), (61, 17000), (73, 17093), (83, 17153), (87, 17195), (94, 17249), (99, 17270), (100, 17273), (102, 17294), (105, 17309), (114, 17384), (118, 17420), (125, 17471), (132, 17528), (135, 17543),

Gene: RedBird_17 Start: 16530, Stop: 17360, Start Num: 19
Candidate Starts for RedBird_17:
(Start: 12 @16512 has 38 MA's), (Start: 19 @16530 has 222 MA's), (24, 16542), (27, 16566), (Start: 30 @16581 has 1 MA's), (36, 16626), (41, 16656), (46, 16686), (49, 16710), (59, 16800), (61, 16809), (67, 16857), (69, 16875), (73, 16902), (75, 16908), (76, 16911), (79, 16935), (80, 16938), (82, 16953), (93, 17025), (96, 17064), (105, 17118), (106, 17127), (107, 17151), (110, 17172), (116, 17199), (120, 17241), (131, 17298), (132, 17328),

Gene: Redi_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Redi_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Redno2_36 Start: 29127, Stop: 29978, Start Num: 21
Candidate Starts for Redno2_36:
(Start: 21 @29127 has 30 MA's), (25, 29133), (34, 29208), (38, 29223), (50, 29307), (55, 29352), (57, 29361), (65, 29451), (77, 29541), (83, 29574), (84, 29580), (105, 29730), (107, 29763), (108, 29766), (117, 29832), (133, 29955), (135, 29961),

Gene: Renaud18_19 Start: 17006, Stop: 17833, Start Num: 17
Candidate Starts for Renaud18_19:
(Start: 17 @17006 has 3 MA's), (34, 17093), (36, 17102), (39, 17120), (63, 17297), (67, 17333), (83, 17438), (93, 17501), (102, 17579), (108, 17630), (123, 17738), (135, 17819),

Gene: Rialto_19 Start: 17067, Stop: 17912, Start Num: 13
Candidate Starts for Rialto_19:
(Start: 13 @17067 has 27 MA's), (Start: 19 @17082 has 222 MA's), (24, 17094), (27, 17118), (Start: 30 @17133 has 1 MA's), (36, 17178), (41, 17208), (46, 17238), (49, 17262), (59, 17352), (61, 17361), (67, 17409), (69, 17427), (73, 17454), (75, 17460), (76, 17463), (79, 17487), (80, 17490), (82, 17505), (93, 17577), (96, 17616), (105, 17670), (106, 17679), (107, 17703), (110, 17724), (116, 17751), (120, 17793), (131, 17850), (132, 17880),

Gene: Rimmer_24 Start: 21000, Stop: 21833, Start Num: 20
Candidate Starts for Rimmer_24:
(Start: 1 @20679 has 1 MA's), (2, 20703), (Start: 20 @21000 has 122 MA's), (Start: 26 @21012 has 11 MA's), (37, 21093), (40, 21114), (44, 21132), (47, 21162), (58, 21231), (78, 21399), (84, 21435), (96, 21540), (103, 21582), (108, 21627), (113, 21669), (126, 21744), (129, 21756),

Gene: Rita_17 Start: 16583, Stop: 17413, Start Num: 19

Candidate Starts for Rita_17:
(Start: 12 @16565 has 38 MA's), (Start: 19 @16583 has 222 MA's), (24, 16595), (27, 16619), (Start: 30 @16634 has 1 MA's), (36, 16679), (41, 16709), (46, 16739), (49, 16763), (59, 16853), (61, 16862), (67, 16910), (73, 16955), (75, 16961), (76, 16964), (79, 16988), (82, 17006), (89, 17069), (93, 17078), (96, 17117), (99, 17132), (104, 17168), (105, 17171), (106, 17180), (107, 17204), (110, 17225), (114, 17246), (115, 17249), (120, 17294), (131, 17351), (132, 17381), (136, 17399),

Gene: RitaG_17 Start: 16694, Stop: 17542, Start Num: 12
Candidate Starts for RitaG_17:
(Start: 12 @16694 has 38 MA's), (Start: 19 @16712 has 222 MA's), (24, 16724), (27, 16748), (Start: 30 @16763 has 1 MA's), (36, 16808), (41, 16838), (49, 16892), (59, 16982), (61, 16991), (67, 17039), (69, 17057), (73, 17084), (75, 17090), (76, 17093), (79, 17117), (80, 17120), (82, 17135), (93, 17207), (96, 17246), (105, 17300), (106, 17309), (107, 17333), (110, 17354), (116, 17381), (120, 17423), (131, 17480), (132, 17510),

Gene: RiverMonster_25 Start: 21201, Stop: 22022, Start Num: 26
Candidate Starts for RiverMonster_25:
(Start: 1 @20868 has 1 MA's), (2, 20892), (Start: 20 @21189 has 122 MA's), (Start: 26 @21201 has 11 MA's), (37, 21282), (40, 21303), (44, 21321), (47, 21351), (78, 21588), (84, 21624), (96, 21729), (103, 21771), (108, 21816), (113, 21858), (126, 21933), (129, 21945),

Gene: Rockne_17 Start: 16556, Stop: 17386, Start Num: 19
Candidate Starts for Rockne_17:
(Start: 13 @16541 has 27 MA's), (Start: 19 @16556 has 222 MA's), (24, 16568), (27, 16592), (Start: 30 @16607 has 1 MA's), (36, 16652), (41, 16682), (49, 16736), (59, 16826), (61, 16835), (67, 16883), (69, 16901), (73, 16928), (75, 16934), (76, 16937), (79, 16961), (80, 16964), (82, 16979), (89, 17042), (93, 17051), (96, 17090), (99, 17105), (102, 17129), (104, 17141), (105, 17144), (106, 17153), (107, 17177), (110, 17198), (114, 17219), (115, 17222), (120, 17267), (131, 17324), (132, 17354), (136, 17372),

Gene: RockyHorror_18 Start: 16431, Stop: 17261, Start Num: 19
Candidate Starts for RockyHorror_18:
(Start: 12 @16413 has 38 MA's), (Start: 19 @16431 has 222 MA's), (24, 16443), (27, 16467), (Start: 30 @16482 has 1 MA's), (36, 16527), (41, 16557), (46, 16587), (49, 16611), (59, 16701), (61, 16710), (67, 16758), (73, 16803), (75, 16809), (76, 16812), (79, 16836), (80, 16839), (82, 16854), (89, 16917), (93, 16926), (96, 16965), (99, 16980), (102, 17004), (104, 17016), (105, 17019), (106, 17028), (107, 17052), (110, 17073), (114, 17094), (115, 17097), (120, 17142), (131, 17199), (132, 17229),

Gene: Royals2015_17 Start: 16590, Stop: 17420, Start Num: 19
Candidate Starts for Royals2015_17:
(Start: 12 @16572 has 38 MA's), (Start: 19 @16590 has 222 MA's), (24, 16602), (27, 16626), (Start: 30 @16641 has 1 MA's), (36, 16686), (41, 16716), (46, 16746), (49, 16770), (59, 16860), (61, 16869), (67, 16917), (73, 16962), (75, 16968), (76, 16971), (79, 16995), (80, 16998), (82, 17013), (89, 17076), (93, 17085), (96, 17124), (99, 17139), (104, 17175), (105, 17178), (106, 17187), (107, 17211), (110, 17232), (120, 17301), (131, 17358), (132, 17388), (136, 17406),

Gene: Rubeelu_19 Start: 16681, Stop: 17523, Start Num: 19
Candidate Starts for Rubeelu_19:
(Start: 19 @16681 has 222 MA's), (33, 16768), (35, 16780), (41, 16813), (49, 16867), (61, 16966), (73, 17059), (76, 17068), (83, 17119), (89, 17173), (94, 17215), (99, 17236), (100, 17239), (102, 17260), (114, 17350), (118, 17386), (125, 17437), (132, 17494), (135, 17509),

Gene: Ruby_17 Start: 16526, Stop: 17374, Start Num: 13

Candidate Starts for Ruby_17:
(Start: 13 @16526 has 27 MA's), (Start: 19 @16541 has 222 MA's), (24, 16553), (27, 16577), (Start: 30 @16592 has 1 MA's), (36, 16637), (41, 16667), (59, 16814), (62, 16832), (67, 16871), (79, 16949), (80, 16952), (93, 17039), (96, 17078), (105, 17132), (106, 17141), (107, 17165), (110, 17186), (116, 17213), (120, 17255), (131, 17312), (132, 17342),

Gene: Ryadel_61 Start: 36061, Stop: 36909, Start Num: 15
Candidate Starts for Ryadel_61:
(Start: 15 @36061 has 31 MA's), (Start: 19 @36067 has 222 MA's), (23, 36082), (29, 36121), (35, 36166), (45, 36220), (59, 36334), (81, 36478), (83, 36499), (93, 36562), (102, 36640), (120, 36790), (127, 36826), (133, 36886),

Gene: SG4_17 Start: 16703, Stop: 17551, Start Num: 12
Candidate Starts for SG4_17:
(Start: 12 @16703 has 38 MA's), (Start: 19 @16721 has 222 MA's), (24, 16733), (27, 16757), (Start: 30 @16772 has 1 MA's), (36, 16817), (41, 16847), (46, 16877), (49, 16901), (59, 16991), (61, 17000), (67, 17048), (73, 17093), (75, 17099), (76, 17102), (79, 17126), (80, 17129), (82, 17144), (93, 17216), (96, 17255), (99, 17270), (104, 17306), (105, 17309), (106, 17318), (107, 17342), (110, 17363), (114, 17384), (120, 17432), (131, 17489), (132, 17519), (136, 17537),

Gene: Saal_17 Start: 16541, Stop: 17386, Start Num: 13
Candidate Starts for Saal_17:
(Start: 13 @16541 has 27 MA's), (Start: 19 @16556 has 222 MA's), (24, 16568), (27, 16592), (Start: 30 @16607 has 1 MA's), (36, 16652), (41, 16682), (49, 16736), (59, 16826), (61, 16835), (67, 16883), (69, 16901), (73, 16928), (75, 16934), (76, 16937), (79, 16961), (80, 16964), (82, 16979), (93, 17051), (96, 17090), (105, 17144), (106, 17153), (107, 17177), (110, 17198), (116, 17225), (120, 17267), (131, 17324), (132, 17354),

Gene: Sabbb_18 Start: 16798, Stop: 17628, Start Num: 19
Candidate Starts for Sabbb_18:
(Start: 13 @16783 has 27 MA's), (Start: 19 @16798 has 222 MA's), (24, 16810), (27, 16834), (Start: 30 @16849 has 1 MA's), (36, 16894), (41, 16924), (49, 16978), (59, 17068), (61, 17077), (69, 17143), (73, 17170), (75, 17176), (76, 17179), (79, 17203), (80, 17206), (93, 17293), (96, 17332), (105, 17386), (106, 17395), (107, 17419), (110, 17440), (116, 17467), (120, 17509), (131, 17566), (132, 17596),

Gene: Saints25_26 Start: 21095, Stop: 21928, Start Num: 20
Candidate Starts for Saints25_26:
(Start: 1 @20774 has 1 MA's), (2, 20798), (Start: 20 @21095 has 122 MA's), (Start: 26 @21107 has 11 MA's), (37, 21188), (40, 21209), (44, 21227), (47, 21257), (78, 21494), (84, 21530), (96, 21635), (103, 21677), (108, 21722), (113, 21764), (126, 21839), (129, 21851),

Gene: Sandalphon_18 Start: 17127, Stop: 17957, Start Num: 19
Candidate Starts for Sandalphon_18:
(Start: 13 @17112 has 27 MA's), (Start: 19 @17127 has 222 MA's), (24, 17139), (27, 17163), (Start: 30 @17178 has 1 MA's), (36, 17223), (41, 17253), (49, 17307), (59, 17397), (61, 17406), (67, 17454), (73, 17499), (75, 17505), (76, 17508), (79, 17532), (80, 17535), (82, 17550), (89, 17613), (93, 17622), (99, 17676), (102, 17700), (104, 17712), (105, 17715), (106, 17724), (107, 17748), (110, 17769), (113, 17787), (120, 17838), (131, 17895), (132, 17925),

Gene: Sarma624_18 Start: 16399, Stop: 17229, Start Num: 19
Candidate Starts for Sarma624_18:
(Start: 12 @16381 has 38 MA's), (Start: 19 @16399 has 222 MA's), (24, 16411), (27, 16435), (Start: 30 @16450 has 1 MA's), (36, 16495), (41, 16525), (46, 16555), (49, 16579), (59, 16669), (61, 16678), (67,

16726), (73, 16771), (75, 16777), (76, 16780), (79, 16804), (82, 16822), (89, 16885), (93, 16894), (96, 16933), (99, 16948), (104, 16984), (105, 16987), (106, 16996), (107, 17020), (110, 17041), (120, 17110), (131, 17167), (132, 17197), (136, 17215),

Gene: Sassafras_17 Start: 16705, Stop: 17535, Start Num: 19
Candidate Starts for Sassafras_17:
(Start: 13 @16690 has 27 MA's), (Start: 19 @16705 has 222 MA's), (24, 16717), (27, 16741), (Start: 30 @16756 has 1 MA's), (36, 16801), (41, 16831), (46, 16861), (49, 16885), (59, 16975), (61, 16984), (63, 16996), (67, 17032), (75, 17083), (76, 17086), (79, 17110), (82, 17128), (89, 17191), (93, 17200), (99, 17254), (102, 17278), (105, 17293), (106, 17302), (107, 17326), (110, 17347), (116, 17374), (120, 17416), (131, 17473), (132, 17503),

Gene: Sassay_24 Start: 20938, Stop: 21771, Start Num: 20
Candidate Starts for Sassay_24:
(Start: 1 @20617 has 1 MA's), (2, 20641), (Start: 20 @20938 has 122 MA's), (Start: 26 @20950 has 11 MA's), (37, 21031), (40, 21052), (44, 21070), (47, 21100), (58, 21169), (78, 21337), (84, 21373), (96, 21478), (103, 21520), (108, 21565), (113, 21607), (126, 21682), (129, 21694),

Gene: SassyB_17 Start: 16618, Stop: 17448, Start Num: 19
Candidate Starts for SassyB_17:
(Start: 12 @16600 has 38 MA's), (Start: 19 @16618 has 222 MA's), (24, 16630), (27, 16654), (Start: 30 @16669 has 1 MA's), (36, 16714), (41, 16744), (46, 16774), (49, 16798), (59, 16888), (61, 16897), (63, 16909), (67, 16945), (73, 16990), (75, 16996), (76, 16999), (79, 17023), (80, 17026), (82, 17041), (89, 17104), (93, 17113), (96, 17152), (99, 17167), (104, 17203), (105, 17206), (106, 17215), (107, 17239), (110, 17260), (120, 17329), (131, 17386), (132, 17416),

Gene: Sbash_18 Start: 17456, Stop: 18310, Start Num: 14
Candidate Starts for Sbash_18:
(Start: 14 @17456 has 10 MA's), (28, 17507), (39, 17579), (50, 17654), (54, 17693), (66, 17792), (76, 17849), (81, 17879), (83, 17900), (109, 18116), (111, 18125), (113, 18140), (114, 18143), (120, 18197), (126, 18230), (133, 18287), (136, 18296),

Gene: Schatzie_35 Start: 28403, Stop: 29254, Start Num: 21
Candidate Starts for Schatzie_35:
(Start: 21 @28403 has 30 MA's), (25, 28409), (34, 28484), (50, 28583), (55, 28628), (56, 28631), (65, 28727), (77, 28817), (82, 28841), (83, 28850), (85, 28865), (100, 28973), (103, 28997), (107, 29039), (122, 29150), (129, 29174), (135, 29237),

Gene: Schnauzer_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Schnauzer_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: SchoolBus_57 Start: 35245, Stop: 36093, Start Num: 15
Candidate Starts for SchoolBus_57:
(Start: 15 @35245 has 31 MA's), (Start: 19 @35251 has 222 MA's), (23, 35266), (29, 35305), (35, 35350), (45, 35404), (59, 35518), (81, 35662), (83, 35683), (93, 35746), (102, 35824), (120, 35974), (133, 36070),

Gene: Schuy_58 Start: 35036, Stop: 35884, Start Num: 15
Candidate Starts for Schuy_58:

(Start: 15 @35036 has 31 MA's), (Start: 19 @35042 has 222 MA's), (23, 35057), (29, 35096), (35, 35141), (45, 35195), (59, 35309), (81, 35453), (83, 35474), (93, 35537), (102, 35615), (120, 35765), (133, 35861),

Gene: Scitech_19 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Scitech_19:
(Start: 19 @16711 has 222 MA's), (33, 16798), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: Scottish_18 Start: 17874, Stop: 18704, Start Num: 19
Candidate Starts for Scottish_18:
(Start: 13 @17859 has 27 MA's), (Start: 19 @17874 has 222 MA's), (24, 17886), (27, 17910), (Start: 30 @17925 has 1 MA's), (36, 17970), (41, 18000), (46, 18030), (49, 18054), (59, 18144), (61, 18153), (67, 18201), (73, 18246), (75, 18252), (76, 18255), (79, 18279), (80, 18282), (82, 18297), (89, 18360), (93, 18369), (96, 18408), (99, 18423), (104, 18459), (105, 18462), (106, 18471), (107, 18495), (110, 18516), (115, 18540), (116, 18543), (120, 18585), (131, 18642), (132, 18672),

Gene: SeaLumen_18 Start: 16619, Stop: 17449, Start Num: 19
Candidate Starts for SeaLumen_18:
(Start: 12 @16601 has 38 MA's), (Start: 19 @16619 has 222 MA's), (24, 16631), (27, 16655), (Start: 30 @16670 has 1 MA's), (36, 16715), (41, 16745), (46, 16775), (49, 16799), (50, 16805), (59, 16889), (61, 16898), (67, 16946), (73, 16991), (75, 16997), (76, 17000), (79, 17024), (80, 17027), (82, 17042), (89, 17105), (93, 17114), (96, 17153), (99, 17168), (104, 17204), (105, 17207), (106, 17216), (107, 17240), (110, 17261), (114, 17282), (120, 17330), (131, 17387), (132, 17417), (136, 17435),

Gene: Seabastian_17 Start: 16807, Stop: 17637, Start Num: 19
Candidate Starts for Seabastian_17:
(Start: 13 @16792 has 27 MA's), (Start: 19 @16807 has 222 MA's), (24, 16819), (27, 16843), (Start: 30 @16858 has 1 MA's), (36, 16903), (41, 16933), (49, 16987), (50, 16993), (59, 17077), (61, 17086), (67, 17134), (69, 17152), (73, 17179), (75, 17185), (76, 17188), (79, 17212), (80, 17215), (93, 17302), (96, 17341), (104, 17392), (105, 17395), (106, 17404), (107, 17428), (110, 17449), (116, 17476), (120, 17518), (131, 17575), (132, 17605),

Gene: Seagreen_18 Start: 16414, Stop: 17244, Start Num: 19
Candidate Starts for Seagreen_18:
(Start: 12 @16396 has 38 MA's), (Start: 19 @16414 has 222 MA's), (24, 16426), (27, 16450), (Start: 30 @16465 has 1 MA's), (36, 16510), (41, 16540), (46, 16570), (49, 16594), (59, 16684), (61, 16693), (67, 16741), (73, 16786), (75, 16792), (76, 16795), (79, 16819), (80, 16822), (82, 16837), (89, 16900), (93, 16909), (96, 16948), (99, 16963), (104, 16999), (105, 17002), (106, 17011), (107, 17035), (110, 17056), (120, 17125), (131, 17182), (132, 17212),

Gene: Shaboozey_29 Start: 25075, Stop: 25926, Start Num: 22
Candidate Starts for Shaboozey_29:
(Start: 22 @25075 has 11 MA's), (25, 25081), (34, 25156), (42, 25198), (50, 25255), (55, 25300), (56, 25303), (64, 25396), (65, 25399), (68, 25420), (77, 25489), (82, 25513), (83, 25522), (96, 25627), (103, 25669), (107, 25711), (112, 25741), (119, 25801),

Gene: ShamWow_25 Start: 21434, Stop: 22267, Start Num: 20
Candidate Starts for ShamWow_25:
(Start: 1 @21113 has 1 MA's), (2, 21137), (Start: 20 @21434 has 122 MA's), (Start: 26 @21446 has 11 MA's), (37, 21527), (40, 21548), (44, 21566), (47, 21596), (58, 21665), (78, 21833), (84, 21869), (96, 21974), (103, 22016), (108, 22061), (113, 22103), (126, 22178), (129, 22190),

Gene: Shauna1_17 Start: 16605, Stop: 17453, Start Num: 12
Candidate Starts for Shauna1_17:
(Start: 12 @16605 has 38 MA's), (Start: 19 @16623 has 222 MA's), (24, 16635), (27, 16659), (Start: 30 @16674 has 1 MA's), (36, 16719), (41, 16749), (46, 16779), (49, 16803), (59, 16893), (61, 16902), (67, 16950), (73, 16995), (75, 17001), (76, 17004), (79, 17028), (82, 17046), (89, 17109), (93, 17118), (96, 17157), (99, 17172), (104, 17208), (105, 17211), (106, 17220), (107, 17244), (110, 17265), (120, 17334), (131, 17391), (132, 17421),

Gene: ShereKhan_27 Start: 22417, Stop: 23250, Start Num: 20
Candidate Starts for ShereKhan_27:
(Start: 1 @22096 has 1 MA's), (2, 22120), (Start: 20 @22417 has 122 MA's), (Start: 26 @22429 has 11 MA's), (37, 22510), (40, 22531), (44, 22549), (47, 22579), (78, 22816), (84, 22852), (96, 22957), (103, 22999), (108, 23044), (113, 23086), (126, 23161), (129, 23173),

Gene: ShiLan_17 Start: 16563, Stop: 17408, Start Num: 13
Candidate Starts for ShiLan_17:
(Start: 13 @16563 has 27 MA's), (Start: 19 @16578 has 222 MA's), (24, 16590), (27, 16614), (Start: 30 @16629 has 1 MA's), (36, 16674), (41, 16704), (49, 16758), (59, 16848), (61, 16857), (67, 16905), (69, 16923), (73, 16950), (75, 16956), (76, 16959), (79, 16983), (80, 16986), (82, 17001), (93, 17073), (96, 17112), (104, 17163), (105, 17166), (106, 17175), (107, 17199), (110, 17220), (120, 17289), (131, 17346), (132, 17376),

Gene: Shida_57 Start: 34943, Stop: 35791, Start Num: 15
Candidate Starts for Shida_57:
(Start: 15 @34943 has 31 MA's), (Start: 19 @34949 has 222 MA's), (23, 34964), (29, 35003), (35, 35048), (45, 35102), (59, 35216), (81, 35360), (83, 35381), (93, 35444), (102, 35522), (120, 35672), (127, 35708), (133, 35768),

Gene: Shipwreck_19 Start: 17845, Stop: 18738, Start Num: 16
Candidate Starts for Shipwreck_19:
(Start: 16 @17845 has 50 MA's), (Start: 30 @17899 has 1 MA's), (32, 17923), (37, 17947), (40, 17968), (48, 18025), (52, 18037), (56, 18079), (63, 18139), (74, 18247), (90, 18370), (94, 18415), (95, 18418), (99, 18436), (100, 18439), (101, 18451), (105, 18472), (114, 18556), (120, 18613), (135, 18721), (136, 18724),

Gene: ShowerHandel_17 Start: 16579, Stop: 17409, Start Num: 19
Candidate Starts for ShowerHandel_17:
(Start: 13 @16564 has 27 MA's), (Start: 19 @16579 has 222 MA's), (24, 16591), (27, 16615), (Start: 30 @16630 has 1 MA's), (36, 16675), (41, 16705), (49, 16759), (59, 16849), (61, 16858), (67, 16906), (69, 16924), (73, 16951), (75, 16957), (76, 16960), (79, 16984), (80, 16987), (82, 17002), (93, 17074), (96, 17113), (104, 17164), (105, 17167), (106, 17176), (107, 17200), (110, 17221), (120, 17290), (131, 17347), (132, 17377),

Gene: ShrimpFriedEgg_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for ShrimpFriedEgg_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: ShroomBoi_17 Start: 16608, Stop: 17438, Start Num: 19
Candidate Starts for ShroomBoi_17:

(Start: 13 @16593 has 27 MA's), (Start: 19 @16608 has 222 MA's), (24, 16620), (27, 16644), (Start: 30 @16659 has 1 MA's), (36, 16704), (41, 16734), (49, 16788), (50, 16794), (59, 16878), (61, 16887), (67, 16935), (69, 16953), (73, 16980), (75, 16986), (76, 16989), (79, 17013), (80, 17016), (82, 17031), (93, 17103), (96, 17142), (105, 17196), (106, 17205), (107, 17229), (110, 17250), (116, 17277), (120, 17319), (131, 17376), (132, 17406),

Gene: Shweta_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Shweta_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: SiSi_17 Start: 16562, Stop: 17392, Start Num: 19
Candidate Starts for SiSi_17:
(Start: 13 @16547 has 27 MA's), (Start: 19 @16562 has 222 MA's), (24, 16574), (27, 16598), (Start: 30 @16613 has 1 MA's), (36, 16658), (41, 16688), (46, 16718), (49, 16742), (50, 16748), (59, 16832), (61, 16841), (67, 16889), (73, 16934), (75, 16940), (76, 16943), (79, 16967), (82, 16985), (89, 17048), (93, 17057), (96, 17096), (99, 17111), (104, 17147), (105, 17150), (106, 17159), (107, 17183), (110, 17204), (120, 17273), (131, 17330), (132, 17360),

Gene: Silvafighter_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Silvafighter_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Silvy_19 Start: 16715, Stop: 17557, Start Num: 19
Candidate Starts for Silvy_19:
(Start: 19 @16715 has 222 MA's), (33, 16802), (34, 16808), (43, 16850), (46, 16877), (53, 16916), (59, 16991), (61, 17000), (73, 17093), (83, 17153), (94, 17249), (99, 17270), (102, 17294), (105, 17309), (114, 17384), (118, 17420), (125, 17471), (132, 17528), (135, 17543),

Gene: Simpliphy_26 Start: 21179, Stop: 22012, Start Num: 20
Candidate Starts for Simpliphy_26:
(Start: 1 @20858 has 1 MA's), (2, 20882), (Start: 20 @21179 has 122 MA's), (Start: 26 @21191 has 11 MA's), (37, 21272), (40, 21293), (44, 21311), (47, 21341), (58, 21410), (78, 21578), (84, 21614), (96, 21719), (103, 21761), (108, 21806), (113, 21848), (126, 21923), (129, 21935),

Gene: SimranZ1_18 Start: 16430, Stop: 17260, Start Num: 19
Candidate Starts for SimranZ1_18:
(Start: 13 @16415 has 27 MA's), (Start: 19 @16430 has 222 MA's), (24, 16442), (27, 16466), (Start: 30 @16481 has 1 MA's), (36, 16526), (41, 16556), (46, 16586), (49, 16610), (59, 16700), (61, 16709), (67, 16757), (69, 16775), (73, 16802), (75, 16808), (76, 16811), (79, 16835), (80, 16838), (89, 16916), (93, 16925), (96, 16964), (99, 16979), (104, 17015), (105, 17018), (106, 17027), (107, 17051), (110, 17072), (115, 17096), (116, 17099), (120, 17141), (131, 17198), (132, 17228),

Gene: SirDuracell_24 Start: 20100, Stop: 20933, Start Num: 20
Candidate Starts for SirDuracell_24:
(Start: 1 @19779 has 1 MA's), (2, 19803), (Start: 20 @20100 has 122 MA's), (Start: 26 @20112 has 11 MA's), (37, 20193), (40, 20214), (44, 20232), (47, 20262), (78, 20499), (84, 20535), (96, 20640), (103, 20682), (108, 20727), (113, 20769), (126, 20844), (129, 20856),

Gene: SkinnyPete_19 Start: 16715, Stop: 17557, Start Num: 19

Candidate Starts for SkinnyPete_19:
(Start: 19 @16715 has 222 MA's), (33, 16802), (35, 16814), (46, 16877), (61, 17000), (73, 17093), (83, 17153), (87, 17195), (94, 17249), (99, 17270), (100, 17273), (102, 17294), (105, 17309), (114, 17384), (118, 17420), (125, 17471), (132, 17528), (135, 17543),

Gene: Slim_18 Start: 16362, Stop: 17192, Start Num: 19
Candidate Starts for Slim_18:
(Start: 13 @16347 has 27 MA's), (Start: 19 @16362 has 222 MA's), (24, 16374), (27, 16398), (Start: 30 @16413 has 1 MA's), (36, 16458), (41, 16488), (46, 16518), (49, 16542), (59, 16632), (61, 16641), (67, 16689), (69, 16707), (73, 16734), (75, 16740), (76, 16743), (79, 16767), (80, 16770), (82, 16785), (93, 16857), (96, 16896), (105, 16950), (106, 16959), (107, 16983), (110, 17004), (116, 17031), (120, 17073), (131, 17130), (132, 17160),

Gene: Smooch_60 Start: 36965, Stop: 37813, Start Num: 15
Candidate Starts for Smooch_60:
(Start: 15 @36965 has 31 MA's), (Start: 19 @36971 has 222 MA's), (23, 36986), (29, 37025), (35, 37070), (45, 37124), (59, 37238), (81, 37382), (83, 37403), (93, 37466), (102, 37544), (120, 37694), (127, 37730), (133, 37790),

Gene: Smurph_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Smurph_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Snekmaggedon_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Snekmaggedon_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Sonah_20 Start: 18134, Stop: 19027, Start Num: 16
Candidate Starts for Sonah_20:
(Start: 16 @18134 has 50 MA's), (Start: 30 @18188 has 1 MA's), (32, 18212), (37, 18236), (40, 18257), (48, 18314), (52, 18326), (56, 18368), (63, 18428), (74, 18536), (94, 18704), (95, 18707), (105, 18761), (114, 18845), (115, 18848), (120, 18902), (135, 19010), (136, 19013),

Gene: SophKB_25 Start: 21433, Stop: 22266, Start Num: 20
Candidate Starts for SophKB_25:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: Sotrice96_25 Start: 21389, Stop: 22222, Start Num: 20
Candidate Starts for Sotrice96_25:
(Start: 1 @21068 has 1 MA's), (2, 21092), (Start: 20 @21389 has 122 MA's), (Start: 26 @21401 has 11 MA's), (37, 21482), (40, 21503), (44, 21521), (47, 21551), (78, 21788), (84, 21824), (96, 21929), (103, 21971), (108, 22016), (113, 22058), (126, 22133), (129, 22145),

Gene: Sparkdehlily_17 Start: 16602, Stop: 17432, Start Num: 19
Candidate Starts for Sparkdehlily_17:
(Start: 13 @16587 has 27 MA's), (Start: 19 @16602 has 222 MA's), (24, 16614), (27, 16638), (Start: 30 @16653 has 1 MA's), (36, 16698), (41, 16728), (49, 16782), (59, 16872), (61, 16881), (67, 16929), (69,

16947), (73, 16974), (75, 16980), (76, 16983), (79, 17007), (80, 17010), (82, 17025), (93, 17097), (96, 17136), (105, 17190), (106, 17199), (107, 17223), (110, 17244), (116, 17271), (120, 17313), (131, 17370), (132, 17400),

Gene: Spartacus_18 Start: 16654, Stop: 17484, Start Num: 19
Candidate Starts for Spartacus_18:
(Start: 13 @16639 has 27 MA's), (Start: 19 @16654 has 222 MA's), (24, 16666), (27, 16690), (Start: 30 @16705 has 1 MA's), (36, 16750), (41, 16780), (46, 16810), (49, 16834), (50, 16840), (59, 16924), (61, 16933), (67, 16981), (73, 17026), (75, 17032), (76, 17035), (79, 17059), (80, 17062), (82, 17077), (89, 17140), (93, 17149), (96, 17188), (99, 17203), (105, 17242), (106, 17251), (107, 17275), (110, 17296), (114, 17317), (115, 17320), (120, 17365), (131, 17422), (132, 17452), (136, 17470),

Gene: Spikelee_18 Start: 16396, Stop: 17226, Start Num: 19
Candidate Starts for Spikelee_18:
(Start: 13 @16381 has 27 MA's), (Start: 19 @16396 has 222 MA's), (24, 16408), (27, 16432), (Start: 30 @16447 has 1 MA's), (36, 16492), (41, 16522), (49, 16576), (50, 16582), (59, 16666), (61, 16675), (67, 16723), (69, 16741), (73, 16768), (75, 16774), (76, 16777), (79, 16801), (80, 16804), (82, 16819), (93, 16891), (96, 16930), (105, 16984), (106, 16993), (107, 17017), (110, 17038), (116, 17065), (120, 17107), (131, 17164), (132, 17194),

Gene: Spinach_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for Spinach_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: SpongeBob_19 Start: 16718, Stop: 17560, Start Num: 19
Candidate Starts for SpongeBob_19:
(Start: 19 @16718 has 222 MA's), (33, 16805), (35, 16817), (46, 16880), (61, 17003), (73, 17096), (83, 17156), (87, 17198), (94, 17252), (99, 17273), (100, 17276), (102, 17297), (105, 17312), (114, 17387), (118, 17423), (125, 17474), (132, 17531), (135, 17546),

Gene: Spoonbill_17 Start: 16559, Stop: 17407, Start Num: 12
Candidate Starts for Spoonbill_17:
(Start: 12 @16559 has 38 MA's), (Start: 19 @16577 has 222 MA's), (24, 16589), (27, 16613), (Start: 30 @16628 has 1 MA's), (36, 16673), (41, 16703), (46, 16733), (49, 16757), (50, 16763), (59, 16847), (61, 16856), (67, 16904), (73, 16949), (75, 16955), (76, 16958), (79, 16982), (80, 16985), (82, 17000), (89, 17063), (93, 17072), (96, 17111), (99, 17126), (104, 17162), (105, 17165), (106, 17174), (107, 17198), (110, 17219), (120, 17288), (131, 17345), (132, 17375), (136, 17393),

Gene: Squint_34 Start: 26823, Stop: 27674, Start Num: 22
Candidate Starts for Squint_34:
(Start: 22 @26823 has 11 MA's), (25, 26829), (34, 26904), (42, 26946), (50, 27003), (55, 27048), (56, 27051), (64, 27144), (65, 27147), (68, 27168), (70, 27186), (77, 27237), (79, 27243), (82, 27261), (83, 27270), (96, 27375), (103, 27417), (107, 27459), (112, 27489), (119, 27549),

Gene: Squirty_18 Start: 16478, Stop: 17308, Start Num: 19
Candidate Starts for Squirty_18:
(Start: 13 @16463 has 27 MA's), (Start: 19 @16478 has 222 MA's), (24, 16490), (27, 16514), (Start: 30 @16529 has 1 MA's), (36, 16574), (41, 16604), (49, 16658), (50, 16664), (59, 16748), (61, 16757), (67, 16805), (73, 16850), (75, 16856), (76, 16859), (79, 16883), (80, 16886), (82, 16901), (89, 16964), (93, 16973), (96, 17012), (99, 17027), (100, 17030), (104, 17063), (105, 17066), (106, 17075), (107, 17099), (110, 17120), (116, 17147), (120, 17189), (131, 17246), (132, 17276), (136, 17294),

Gene: StAnnes_17 Start: 16620, Stop: 17450, Start Num: 19
Candidate Starts for StAnnes_17:
(Start: 12 @16602 has 38 MA's), (Start: 19 @16620 has 222 MA's), (24, 16632), (27, 16656), (Start: 30 @16671 has 1 MA's), (36, 16716), (41, 16746), (46, 16776), (49, 16800), (59, 16890), (61, 16899), (67, 16947), (73, 16992), (75, 16998), (76, 17001), (79, 17025), (80, 17028), (82, 17043), (89, 17106), (93, 17115), (96, 17154), (99, 17169), (104, 17205), (105, 17208), (106, 17217), (107, 17241), (110, 17262), (120, 17331), (131, 17388), (132, 17418),

Gene: Stank_28 Start: 21940, Stop: 22773, Start Num: 20
Candidate Starts for Stank_28:
(Start: 1 @21619 has 1 MA's), (2, 21643), (Start: 20 @21940 has 122 MA's), (Start: 26 @21952 has 11 MA's), (37, 22033), (40, 22054), (44, 22072), (47, 22102), (78, 22339), (84, 22375), (96, 22480), (103, 22522), (108, 22567), (113, 22609), (126, 22684), (129, 22696),

Gene: Stap_18 Start: 16603, Stop: 17433, Start Num: 19
Candidate Starts for Stap_18:
(Start: 13 @16588 has 27 MA's), (Start: 19 @16603 has 222 MA's), (24, 16615), (27, 16639), (Start: 30 @16654 has 1 MA's), (36, 16699), (41, 16729), (46, 16759), (49, 16783), (59, 16873), (61, 16882), (63, 16894), (67, 16930), (75, 16981), (76, 16984), (79, 17008), (82, 17026), (89, 17089), (93, 17098), (99, 17152), (102, 17176), (105, 17191), (106, 17200), (107, 17224), (110, 17245), (116, 17272), (120, 17314), (131, 17371), (132, 17401),

Gene: Starcevich_18 Start: 16349, Stop: 17194, Start Num: 13
Candidate Starts for Starcevich_18:
(Start: 13 @16349 has 27 MA's), (Start: 19 @16364 has 222 MA's), (24, 16376), (27, 16400), (Start: 30 @16415 has 1 MA's), (36, 16460), (41, 16490), (46, 16520), (49, 16544), (59, 16634), (61, 16643), (67, 16691), (69, 16709), (73, 16736), (75, 16742), (76, 16745), (79, 16769), (80, 16772), (82, 16787), (93, 16859), (96, 16898), (105, 16952), (106, 16961), (107, 16985), (110, 17006), (116, 17033), (120, 17075), (131, 17132), (132, 17162),

Gene: Stark_26 Start: 21192, Stop: 22025, Start Num: 20
Candidate Starts for Stark_26:
(Start: 1 @20871 has 1 MA's), (2, 20895), (Start: 20 @21192 has 122 MA's), (Start: 26 @21204 has 11 MA's), (37, 21285), (40, 21306), (44, 21324), (47, 21354), (78, 21591), (84, 21627), (96, 21732), (103, 21774), (108, 21819), (113, 21861), (126, 21936), (129, 21948),

Gene: StellaBean_25 Start: 21433, Stop: 22266, Start Num: 20
Candidate Starts for StellaBean_25:
(Start: 1 @21112 has 1 MA's), (2, 21136), (Start: 20 @21433 has 122 MA's), (Start: 26 @21445 has 11 MA's), (37, 21526), (40, 21547), (44, 21565), (47, 21595), (78, 21832), (84, 21868), (96, 21973), (103, 22015), (108, 22060), (113, 22102), (126, 22177), (129, 22189),

Gene: StevieRay_20 Start: 18135, Stop: 19028, Start Num: 16
Candidate Starts for StevieRay_20:
(Start: 16 @18135 has 50 MA's), (Start: 30 @18189 has 1 MA's), (32, 18213), (37, 18237), (40, 18258), (48, 18315), (52, 18327), (56, 18369), (63, 18429), (74, 18537), (94, 18705), (95, 18708), (105, 18762), (114, 18846), (115, 18849), (135, 19011), (136, 19014),

Gene: StolenFromERC_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for StolenFromERC_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (58, 21655), (78, 21823), (84, 21859), (96,

21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: StormChicken_25 Start: 21620, Stop: 22441, Start Num: 26
Candidate Starts for StormChicken_25:
(Start: 1 @21287 has 1 MA's), (2, 21311), (Start: 20 @21608 has 122 MA's), (Start: 26 @21620 has 11 MA's), (37, 21701), (40, 21722), (44, 21740), (47, 21770), (58, 21839), (78, 22007), (84, 22043), (96, 22148), (103, 22190), (108, 22235), (113, 22277), (126, 22352), (129, 22364),

Gene: StressBall_20 Start: 18032, Stop: 18925, Start Num: 16
Candidate Starts for StressBall_20:
(Start: 16 @18032 has 50 MA's), (Start: 30 @18086 has 1 MA's), (32, 18110), (37, 18134), (40, 18155), (48, 18212), (52, 18224), (56, 18266), (63, 18326), (74, 18434), (94, 18602), (95, 18605), (99, 18623), (100, 18626), (105, 18659), (114, 18743), (115, 18746), (120, 18800), (135, 18908), (136, 18911),

Gene: Strokeseat_17 Start: 16668, Stop: 17498, Start Num: 19
Candidate Starts for Strokeseat_17:
(Start: 12 @16650 has 38 MA's), (Start: 19 @16668 has 222 MA's), (24, 16680), (27, 16704), (Start: 30 @16719 has 1 MA's), (36, 16764), (41, 16794), (49, 16848), (59, 16938), (61, 16947), (67, 16995), (69, 17013), (73, 17040), (75, 17046), (76, 17049), (79, 17073), (80, 17076), (93, 17163), (96, 17202), (105, 17256), (106, 17265), (107, 17289), (110, 17310), (116, 17337), (120, 17379), (131, 17436), (132, 17466),

Gene: Stuck_18 Start: 17623, Stop: 18477, Start Num: 14
Candidate Starts for Stuck_18:
(Start: 14 @17623 has 10 MA's), (28, 17674), (31, 17689), (39, 17746), (50, 17821), (54, 17860), (66, 17959), (76, 18016), (81, 18046), (83, 18067), (98, 18190), (103, 18223), (109, 18283), (111, 18292), (114, 18310), (120, 18364), (126, 18397), (133, 18454), (136, 18463),

Gene: SuperGrey_18 Start: 17226, Stop: 18077, Start Num: 12
Candidate Starts for SuperGrey_18:
(Start: 12 @17226 has 38 MA's), (Start: 19 @17244 has 222 MA's), (24, 17256), (27, 17280), (Start: 30 @17295 has 1 MA's), (36, 17340), (41, 17370), (59, 17517), (62, 17535), (67, 17574), (73, 17619), (75, 17625), (76, 17628), (79, 17652), (80, 17655), (82, 17670), (89, 17733), (93, 17742), (96, 17781), (99, 17796), (102, 17820), (105, 17835), (106, 17844), (107, 17868), (110, 17889), (115, 17913), (116, 17916), (120, 17958), (131, 18015), (132, 18045),

Gene: Superphikiman_35 Start: 26888, Stop: 27739, Start Num: 22
Candidate Starts for Superphikiman_35:
(Start: 22 @26888 has 11 MA's), (25, 26894), (34, 26969), (42, 27011), (50, 27068), (55, 27113), (56, 27116), (64, 27209), (65, 27212), (68, 27233), (70, 27251), (77, 27302), (79, 27308), (82, 27326), (83, 27335), (96, 27440), (103, 27482), (107, 27524), (112, 27554), (119, 27614),

Gene: SwagPigglett_17 Start: 16579, Stop: 17409, Start Num: 19
Candidate Starts for SwagPigglett_17:
(Start: 13 @16564 has 27 MA's), (Start: 19 @16579 has 222 MA's), (24, 16591), (27, 16615), (Start: 30 @16630 has 1 MA's), (36, 16675), (41, 16705), (49, 16759), (59, 16849), (61, 16858), (67, 16906), (69, 16924), (73, 16951), (75, 16957), (76, 16960), (79, 16984), (80, 16987), (82, 17002), (93, 17074), (96, 17113), (105, 17167), (106, 17176), (107, 17200), (110, 17221), (116, 17248), (120, 17290), (131, 17347), (132, 17377),

Gene: TBrady12_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for TBrady12_27:

(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: TChen_18 Start: 17110, Stop: 17940, Start Num: 19
Candidate Starts for TChen_18:
(Start: 19 @17110 has 222 MA's), (39, 17224), (59, 17383), (62, 17401), (67, 17440), (69, 17458), (83, 17545), (91, 17605), (93, 17608), (97, 17650), (102, 17686),

Gene: TDanisky_17 Start: 16602, Stop: 17432, Start Num: 19
Candidate Starts for TDanisky_17:
(Start: 13 @16587 has 27 MA's), (Start: 19 @16602 has 222 MA's), (24, 16614), (27, 16638), (Start: 30 @16653 has 1 MA's), (36, 16698), (41, 16728), (49, 16782), (59, 16872), (61, 16881), (67, 16929), (69, 16947), (73, 16974), (75, 16980), (76, 16983), (79, 17007), (80, 17010), (82, 17025), (93, 17097), (96, 17136), (105, 17190), (106, 17199), (107, 17223), (110, 17244), (116, 17271), (120, 17313), (131, 17370), (132, 17400),

Gene: Taj_17 Start: 16585, Stop: 17433, Start Num: 12
Candidate Starts for Taj_17:
(Start: 12 @16585 has 38 MA's), (Start: 19 @16603 has 222 MA's), (24, 16615), (27, 16639), (Start: 30 @16654 has 1 MA's), (36, 16699), (41, 16729), (46, 16759), (49, 16783), (59, 16873), (61, 16882), (67, 16930), (73, 16975), (75, 16981), (76, 16984), (79, 17008), (80, 17011), (82, 17026), (89, 17089), (93, 17098), (96, 17137), (99, 17152), (104, 17188), (105, 17191), (106, 17200), (107, 17224), (110, 17245), (120, 17314), (131, 17371), (132, 17401),

Gene: Tapioca_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Tapioca_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Tarkin_27 Start: 22423, Stop: 23256, Start Num: 20
Candidate Starts for Tarkin_27:
(Start: 1 @22102 has 1 MA's), (2, 22126), (Start: 20 @22423 has 122 MA's), (Start: 26 @22435 has 11 MA's), (37, 22516), (40, 22537), (44, 22555), (47, 22585), (78, 22822), (84, 22858), (96, 22963), (103, 23005), (108, 23050), (113, 23092), (126, 23167), (129, 23179),

Gene: Tchotchke_18 Start: 16504, Stop: 17334, Start Num: 19
Candidate Starts for Tchotchke_18:
(Start: 13 @16489 has 27 MA's), (Start: 19 @16504 has 222 MA's), (24, 16516), (27, 16540), (Start: 30 @16555 has 1 MA's), (36, 16600), (41, 16630), (46, 16660), (49, 16684), (59, 16774), (61, 16783), (67, 16831), (69, 16849), (73, 16876), (75, 16882), (76, 16885), (79, 16909), (80, 16912), (82, 16927), (93, 16999), (96, 17038), (105, 17092), (106, 17101), (107, 17125), (110, 17146), (116, 17173), (120, 17215), (131, 17272), (132, 17302),

Gene: TeamEdward_25 Start: 21605, Stop: 22438, Start Num: 20
Candidate Starts for TeamEdward_25:
(Start: 1 @21284 has 1 MA's), (2, 21308), (Start: 20 @21605 has 122 MA's), (Start: 26 @21617 has 11 MA's), (37, 21698), (40, 21719), (44, 21737), (47, 21767), (58, 21836), (78, 22004), (84, 22040), (96, 22145), (103, 22187), (108, 22232), (113, 22274), (126, 22349), (129, 22361),

Gene: TeardropMSU_24 Start: 21341, Stop: 22174, Start Num: 20
Candidate Starts for TeardropMSU_24:

(Start: 1 @21020 has 1 MA's), (2, 21044), (Start: 20 @21341 has 122 MA's), (Start: 26 @21353 has 11 MA's), (37, 21434), (40, 21455), (44, 21473), (47, 21503), (78, 21740), (84, 21776), (96, 21881), (103, 21923), (108, 21968), (113, 22010), (126, 22085), (129, 22097),

Gene: Teaspoon_26 Start: 21387, Stop: 22220, Start Num: 20
Candidate Starts for Teaspoon_26:
(Start: 1 @21066 has 1 MA's), (2, 21090), (Start: 20 @21387 has 122 MA's), (Start: 26 @21399 has 11 MA's), (37, 21480), (40, 21501), (44, 21519), (47, 21549), (78, 21786), (84, 21822), (96, 21927), (103, 21969), (108, 22014), (113, 22056), (126, 22131), (129, 22143),

Gene: Techage_20 Start: 18135, Stop: 19028, Start Num: 16
Candidate Starts for Techage_20:
(Start: 16 @18135 has 50 MA's), (Start: 30 @18189 has 1 MA's), (32, 18213), (37, 18237), (40, 18258), (48, 18315), (52, 18327), (56, 18369), (63, 18429), (74, 18537), (94, 18705), (95, 18708), (105, 18762), (114, 18846), (115, 18849), (120, 18903), (135, 19011), (136, 19014),

Gene: TelAviv_54 Start: 35218, Stop: 36066, Start Num: 15
Candidate Starts for TelAviv_54:
(Start: 15 @35218 has 31 MA's), (Start: 19 @35224 has 222 MA's), (23, 35239), (29, 35278), (35, 35323), (45, 35377), (59, 35491), (81, 35635), (83, 35656), (93, 35719), (102, 35797), (120, 35947), (133, 36043),

Gene: Terminus_25 Start: 21521, Stop: 22354, Start Num: 20
Candidate Starts for Terminus_25:
(Start: 1 @21200 has 1 MA's), (2, 21224), (Start: 20 @21521 has 122 MA's), (Start: 26 @21533 has 11 MA's), (37, 21614), (40, 21635), (44, 21653), (47, 21683), (58, 21752), (78, 21920), (84, 21956), (96, 22061), (103, 22103), (108, 22148), (113, 22190), (126, 22265), (129, 22277),

Gene: Tessdabest_18 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Tessdabest_18:
(Start: 19 @16711 has 222 MA's), (33, 16798), (34, 16804), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: Thespis_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Thespis_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (99, 18735), (100, 18738), (101, 18750), (105, 18771), (114, 18855), (135, 19020), (136, 19023),

Gene: ThetaBob_19 Start: 16924, Stop: 17751, Start Num: 17
Candidate Starts for ThetaBob_19:
(Start: 17 @16924 has 3 MA's), (39, 17038), (63, 17215), (67, 17251), (83, 17356), (102, 17497), (108, 17548), (123, 17656), (135, 17737),

Gene: Thibault_34 Start: 29524, Stop: 30375, Start Num: 21
Candidate Starts for Thibault_34:
(Start: 21 @29524 has 30 MA's), (25, 29530), (34, 29605), (38, 29620), (50, 29704), (55, 29749), (57, 29758), (64, 29845), (77, 29938), (83, 29971), (84, 29977), (96, 30076), (100, 30094), (105, 30127), (107, 30160), (108, 30163), (117, 30229), (133, 30352), (135, 30358),

Gene: Thimble_25 Start: 20387, Stop: 21220, Start Num: 20
Candidate Starts for Thimble_25:

(Start: 1 @20066 has 1 MA's), (2, 20090), (Start: 20 @20387 has 122 MA's), (Start: 26 @20399 has 11 MA's), (37, 20480), (40, 20501), (44, 20519), (47, 20549), (78, 20786), (84, 20822), (96, 20927), (103, 20969), (108, 21014), (113, 21056), (126, 21131), (129, 21143),

Gene: ThreeRngTarjay_36 Start: 29514, Stop: 30365, Start Num: 21
Candidate Starts for ThreeRngTarjay_36:
(Start: 21 @29514 has 30 MA's), (25, 29520), (34, 29595), (38, 29610), (50, 29694), (55, 29739), (57, 29748), (65, 29838), (77, 29928), (83, 29961), (84, 29967), (105, 30117), (107, 30150), (108, 30153), (117, 30219), (133, 30342), (135, 30348),

Gene: Thresher_26 Start: 22188, Stop: 23021, Start Num: 20
Candidate Starts for Thresher_26:
(Start: 1 @21867 has 1 MA's), (2, 21891), (Start: 20 @22188 has 122 MA's), (Start: 26 @22200 has 11 MA's), (37, 22281), (40, 22302), (44, 22320), (47, 22350), (78, 22587), (84, 22623), (96, 22728), (103, 22770), (108, 22815), (113, 22857), (126, 22932), (129, 22944),

Gene: ThulaThula_19 Start: 17846, Stop: 18739, Start Num: 16
Candidate Starts for ThulaThula_19:
(Start: 16 @17846 has 50 MA's), (Start: 30 @17900 has 1 MA's), (32, 17924), (34, 17936), (48, 18026), (74, 18248), (75, 18251), (79, 18287), (105, 18473), (114, 18557), (120, 18614), (124, 18638), (135, 18722),

Gene: Tomaszewski_24 Start: 21034, Stop: 21867, Start Num: 20
Candidate Starts for Tomaszewski_24:
(Start: 1 @20713 has 1 MA's), (2, 20737), (Start: 20 @21034 has 122 MA's), (Start: 26 @21046 has 11 MA's), (37, 21127), (40, 21148), (44, 21166), (47, 21196), (78, 21433), (84, 21469), (96, 21574), (103, 21616), (108, 21661), (113, 21703), (126, 21778), (129, 21790),

Gene: TootsiePop_18 Start: 16428, Stop: 17276, Start Num: 13
Candidate Starts for TootsiePop_18:
(Start: 13 @16428 has 27 MA's), (Start: 19 @16443 has 222 MA's), (24, 16455), (27, 16479), (Start: 30 @16494 has 1 MA's), (36, 16539), (41, 16569), (59, 16716), (62, 16734), (67, 16773), (73, 16818), (75, 16824), (76, 16827), (79, 16851), (82, 16869), (89, 16932), (93, 16941), (96, 16980), (99, 16995), (104, 17031), (105, 17034), (106, 17043), (107, 17067), (110, 17088), (116, 17115), (120, 17157), (131, 17214), (132, 17244),

Gene: Tootsieroll_18 Start: 16412, Stop: 17242, Start Num: 19
Candidate Starts for Tootsieroll_18:
(Start: 12 @16394 has 38 MA's), (Start: 19 @16412 has 222 MA's), (24, 16424), (27, 16448), (Start: 30 @16463 has 1 MA's), (36, 16508), (41, 16538), (46, 16568), (49, 16592), (59, 16682), (61, 16691), (67, 16739), (73, 16784), (75, 16790), (76, 16793), (79, 16817), (80, 16820), (89, 16898), (93, 16907), (96, 16946), (99, 16961), (104, 16997), (105, 17000), (106, 17009), (107, 17033), (110, 17054), (120, 17123), (131, 17180), (132, 17210),

Gene: Topiatin_19 Start: 17271, Stop: 18101, Start Num: 19
Candidate Starts for Topiatin_19:
(Start: 12 @17253 has 38 MA's), (Start: 19 @17271 has 222 MA's), (24, 17283), (27, 17307), (Start: 30 @17322 has 1 MA's), (36, 17367), (41, 17397), (46, 17427), (49, 17451), (59, 17541), (61, 17550), (67, 17598), (73, 17643), (75, 17649), (76, 17652), (79, 17676), (80, 17679), (82, 17694), (89, 17757), (93, 17766), (96, 17805), (99, 17820), (104, 17856), (105, 17859), (106, 17868), (107, 17892), (110, 17913), (120, 17982), (131, 18039), (132, 18069),

Gene: Toron_19 Start: 17045, Stop: 17872, Start Num: 17

Candidate Starts for Toron_19:
(Start: 17 @17045 has 3 MA's), (36, 17141), (39, 17159), (67, 17372), (69, 17390), (79, 17450), (80, 17453), (83, 17477), (91, 17537), (93, 17540), (97, 17582), (105, 17633), (106, 17642),

Gene: Tortellini_19 Start: 17747, Stop: 18640, Start Num: 16
Candidate Starts for Tortellini_19:
(Start: 16 @17747 has 50 MA's), (Start: 30 @17801 has 1 MA's), (32, 17825), (40, 17870), (48, 17927), (63, 18041), (74, 18149), (100, 18341), (105, 18374), (114, 18458), (115, 18461), (120, 18515), (121, 18527), (135, 18623),

Gene: Tortoise12_19 Start: 16714, Stop: 17556, Start Num: 19
Candidate Starts for Tortoise12_19:
(Start: 19 @16714 has 222 MA's), (33, 16801), (34, 16807), (43, 16849), (46, 16876), (53, 16915), (59, 16990), (61, 16999), (73, 17092), (83, 17152), (94, 17248), (99, 17269), (102, 17293), (105, 17308), (114, 17383), (118, 17419), (125, 17470), (132, 17527), (135, 17542),

Gene: Totinger_18 Start: 16362, Stop: 17192, Start Num: 19
Candidate Starts for Totinger_18:
(Start: 13 @16347 has 27 MA's), (Start: 19 @16362 has 222 MA's), (24, 16374), (27, 16398), (Start: 30 @16413 has 1 MA's), (36, 16458), (41, 16488), (46, 16518), (49, 16542), (59, 16632), (61, 16641), (67, 16689), (69, 16707), (73, 16734), (75, 16740), (76, 16743), (79, 16767), (80, 16770), (82, 16785), (93, 16857), (96, 16896), (105, 16950), (106, 16959), (107, 16983), (110, 17004), (116, 17031), (120, 17073), (131, 17130), (132, 17160),

Gene: Toto_25 Start: 21446, Stop: 22267, Start Num: 26
Candidate Starts for Toto_25:
(Start: 1 @21113 has 1 MA's), (2, 21137), (Start: 20 @21434 has 122 MA's), (Start: 26 @21446 has 11 MA's), (37, 21527), (40, 21548), (44, 21566), (47, 21596), (58, 21665), (78, 21833), (84, 21869), (96, 21974), (103, 22016), (108, 22061), (113, 22103), (126, 22178), (129, 22190),

Gene: Traaww1_23 Start: 21079, Stop: 21912, Start Num: 20
Candidate Starts for Traaww1_23:
(Start: 1 @20758 has 1 MA's), (2, 20782), (Start: 20 @21079 has 122 MA's), (Start: 26 @21091 has 11 MA's), (37, 21172), (40, 21193), (44, 21211), (47, 21241), (78, 21478), (84, 21514), (96, 21619), (103, 21661), (108, 21706), (113, 21748), (126, 21823), (129, 21835),

Gene: Tuco_26 Start: 21949, Stop: 22782, Start Num: 20
Candidate Starts for Tuco_26:
(Start: 1 @21628 has 1 MA's), (2, 21652), (Start: 20 @21949 has 122 MA's), (Start: 26 @21961 has 11 MA's), (37, 22042), (40, 22063), (44, 22081), (47, 22111), (78, 22348), (84, 22384), (96, 22489), (103, 22531), (108, 22576), (113, 22618), (126, 22693), (129, 22705),

Gene: Tweety_17 Start: 16606, Stop: 17454, Start Num: 12
Candidate Starts for Tweety_17:
(Start: 12 @16606 has 38 MA's), (Start: 19 @16624 has 222 MA's), (24, 16636), (27, 16660), (Start: 30 @16675 has 1 MA's), (36, 16720), (41, 16750), (46, 16780), (49, 16804), (59, 16894), (61, 16903), (67, 16951), (73, 16996), (75, 17002), (76, 17005), (79, 17029), (80, 17032), (82, 17047), (89, 17110), (93, 17119), (96, 17158), (99, 17173), (104, 17209), (105, 17212), (106, 17221), (107, 17245), (110, 17266), (120, 17335), (131, 17392), (132, 17422),

Gene: Ukulele_25 Start: 21192, Stop: 22025, Start Num: 20
Candidate Starts for Ukulele_25:

(Start: 1 @20871 has 1 MA's), (2, 20895), (Start: 20 @21192 has 122 MA's), (Start: 26 @21204 has 11 MA's), (37, 21285), (40, 21306), (44, 21324), (47, 21354), (78, 21591), (84, 21627), (96, 21732), (103, 21774), (108, 21819), (113, 21861), (126, 21936), (129, 21948),

Gene: UncleRicky_18 Start: 16392, Stop: 17222, Start Num: 19
Candidate Starts for UncleRicky_18:
(Start: 12 @16374 has 38 MA's), (Start: 19 @16392 has 222 MA's), (24, 16404), (27, 16428), (Start: 30 @16443 has 1 MA's), (36, 16488), (41, 16518), (46, 16548), (49, 16572), (59, 16662), (61, 16671), (67, 16719), (73, 16764), (75, 16770), (76, 16773), (79, 16797), (82, 16815), (89, 16878), (93, 16887), (96, 16926), (99, 16941), (104, 16977), (105, 16980), (106, 16989), (107, 17013), (110, 17034), (120, 17103), (131, 17160), (132, 17190),

Gene: VRedHorse_17 Start: 16722, Stop: 17567, Start Num: 13
Candidate Starts for VRedHorse_17:
(Start: 13 @16722 has 27 MA's), (Start: 19 @16737 has 222 MA's), (24, 16749), (27, 16773), (Start: 30 @16788 has 1 MA's), (36, 16833), (41, 16863), (49, 16917), (59, 17007), (61, 17016), (67, 17064), (69, 17082), (73, 17109), (75, 17115), (76, 17118), (80, 17145), (82, 17160), (93, 17232), (96, 17271), (105, 17325), (106, 17334), (107, 17358), (110, 17379), (116, 17406), (120, 17448), (131, 17505), (132, 17535),

Gene: Vagabond_57 Start: 35081, Stop: 35929, Start Num: 15
Candidate Starts for Vagabond_57:
(Start: 15 @35081 has 31 MA's), (Start: 19 @35087 has 222 MA's), (23, 35102), (29, 35141), (35, 35186), (45, 35240), (59, 35354), (81, 35498), (83, 35519), (93, 35582), (102, 35660), (120, 35810), (133, 35906),

Gene: Velveteen_18 Start: 16381, Stop: 17229, Start Num: 12
Candidate Starts for Velveteen_18:
(Start: 12 @16381 has 38 MA's), (Start: 19 @16399 has 222 MA's), (24, 16411), (27, 16435), (Start: 30 @16450 has 1 MA's), (36, 16495), (41, 16525), (46, 16555), (49, 16579), (59, 16669), (61, 16678), (67, 16726), (73, 16771), (75, 16777), (76, 16780), (79, 16804), (82, 16822), (89, 16885), (93, 16894), (96, 16933), (99, 16948), (104, 16984), (105, 16987), (106, 16996), (107, 17020), (110, 17041), (120, 17110), (131, 17167), (132, 17197), (136, 17215),

Gene: Venti_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Venti_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (99, 18735), (100, 18738), (101, 18750), (105, 18771), (114, 18855), (135, 19020), (136, 19023),

Gene: Veteran_17 Start: 16572, Stop: 17405, Start Num: 19
Candidate Starts for Veteran_17:
(Start: 13 @16557 has 27 MA's), (Start: 19 @16572 has 222 MA's), (24, 16584), (27, 16608), (Start: 30 @16623 has 1 MA's), (36, 16668), (41, 16698), (59, 16845), (62, 16863), (67, 16902), (79, 16980), (80, 16983), (93, 17070), (96, 17109), (105, 17163), (106, 17172), (107, 17196), (110, 17217), (116, 17244), (120, 17286), (131, 17343), (132, 17373),

Gene: Vidya_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Vidya_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Violac_18 Start: 17119, Stop: 17949, Start Num: 19
Candidate Starts for Violac_18:
(Start: 13 @17104 has 27 MA's), (Start: 19 @17119 has 222 MA's), (24, 17131), (27, 17155), (Start: 30 @17170 has 1 MA's), (36, 17215), (41, 17245), (46, 17275), (49, 17299), (59, 17389), (61, 17398), (67, 17446), (69, 17464), (73, 17491), (75, 17497), (76, 17500), (79, 17524), (80, 17527), (89, 17605), (93, 17614), (96, 17653), (99, 17668), (104, 17704), (105, 17707), (106, 17716), (107, 17740), (110, 17761), (116, 17788), (120, 17830), (131, 17887), (132, 17917),

Gene: Vivum_17 Start: 16517, Stop: 17347, Start Num: 19
Candidate Starts for Vivum_17:
(Start: 13 @16502 has 27 MA's), (Start: 19 @16517 has 222 MA's), (24, 16529), (27, 16553), (Start: 30 @16568 has 1 MA's), (36, 16613), (41, 16643), (49, 16697), (59, 16787), (61, 16796), (67, 16844), (69, 16862), (73, 16889), (75, 16895), (76, 16898), (79, 16922), (80, 16925), (82, 16940), (93, 17012), (96, 17051), (105, 17105), (106, 17114), (107, 17138), (110, 17159), (116, 17186), (120, 17228), (131, 17285), (132, 17315),

Gene: Vorrps_57 Start: 35293, Stop: 36141, Start Num: 15
Candidate Starts for Vorrps_57:
(Start: 15 @35293 has 31 MA's), (Start: 19 @35299 has 222 MA's), (23, 35314), (29, 35353), (35, 35398), (45, 35452), (59, 35566), (81, 35710), (83, 35731), (93, 35794), (102, 35872), (120, 36022), (133, 36118),

Gene: Wachhund_17 Start: 16595, Stop: 17425, Start Num: 19
Candidate Starts for Wachhund_17:
(Start: 12 @16577 has 38 MA's), (Start: 19 @16595 has 222 MA's), (24, 16607), (27, 16631), (Start: 30 @16646 has 1 MA's), (36, 16691), (41, 16721), (46, 16751), (49, 16775), (59, 16865), (61, 16874), (67, 16922), (73, 16967), (75, 16973), (76, 16976), (79, 17000), (80, 17003), (82, 17018), (89, 17081), (93, 17090), (96, 17129), (99, 17144), (105, 17183), (106, 17192), (107, 17216), (110, 17237), (116, 17264), (120, 17306), (131, 17363), (132, 17393),

Gene: Wanda_38 Start: 28959, Stop: 29810, Start Num: 21
Candidate Starts for Wanda_38:
(Start: 21 @28959 has 30 MA's), (25, 28965), (34, 29040), (38, 29055), (50, 29139), (55, 29184), (56, 29187), (64, 29280), (65, 29283), (77, 29373), (79, 29379), (82, 29397), (83, 29406), (96, 29511), (103, 29553), (107, 29595), (112, 29625), (119, 29685),

Gene: Wee_18 Start: 17126, Stop: 17974, Start Num: 12
Candidate Starts for Wee_18:
(Start: 12 @17126 has 38 MA's), (Start: 19 @17144 has 222 MA's), (24, 17156), (27, 17180), (Start: 30 @17195 has 1 MA's), (36, 17240), (41, 17270), (46, 17300), (49, 17324), (59, 17414), (61, 17423), (67, 17471), (73, 17516), (75, 17522), (76, 17525), (79, 17549), (80, 17552), (82, 17567), (89, 17630), (93, 17639), (96, 17678), (99, 17693), (104, 17729), (105, 17732), (106, 17741), (107, 17765), (110, 17786), (120, 17855), (131, 17912), (132, 17942),

Gene: Whatsapiecost_17 Start: 16602, Stop: 17450, Start Num: 12
Candidate Starts for Whatsapiecost_17:
(Start: 12 @16602 has 38 MA's), (Start: 19 @16620 has 222 MA's), (24, 16632), (27, 16656), (Start: 30 @16671 has 1 MA's), (36, 16716), (41, 16746), (46, 16776), (49, 16800), (59, 16890), (61, 16899), (67, 16947), (73, 16992), (75, 16998), (76, 17001), (79, 17025), (82, 17043), (89, 17106), (93, 17115), (96, 17154), (99, 17169), (104, 17205), (105, 17208), (106, 17217), (107, 17241), (110, 17262), (120, 17331), (131, 17388), (132, 17418),

Gene: Whouxphf_17 Start: 16677, Stop: 17507, Start Num: 19

Candidate Starts for Whouxphf_17:
(Start: 13 @16662 has 27 MA's), (Start: 19 @16677 has 222 MA's), (24, 16689), (27, 16713), (Start: 30 @16728 has 1 MA's), (36, 16773), (41, 16803), (49, 16857), (50, 16863), (59, 16947), (61, 16956), (67, 17004), (69, 17022), (73, 17049), (75, 17055), (76, 17058), (79, 17082), (80, 17085), (82, 17100), (93, 17172), (96, 17211), (105, 17265), (106, 17274), (107, 17298), (110, 17319), (116, 17346), (120, 17388), (131, 17445), (132, 17475),

Gene: Wiggin_28 Start: 21938, Stop: 22771, Start Num: 20
Candidate Starts for Wiggin_28:
(Start: 1 @21617 has 1 MA's), (2, 21641), (Start: 20 @21938 has 122 MA's), (Start: 26 @21950 has 11 MA's), (37, 22031), (40, 22052), (44, 22070), (47, 22100), (78, 22337), (84, 22373), (96, 22478), (103, 22520), (108, 22565), (113, 22607), (126, 22682), (129, 22694),

Gene: Wildflower_57 Start: 34805, Stop: 35653, Start Num: 15
Candidate Starts for Wildflower_57:
(Start: 15 @34805 has 31 MA's), (Start: 19 @34811 has 222 MA's), (23, 34826), (29, 34865), (35, 34910), (45, 34964), (59, 35078), (81, 35222), (83, 35243), (93, 35306), (102, 35384), (120, 35534), (133, 35630),

Gene: WillSterrel_18 Start: 17930, Stop: 18760, Start Num: 19
Candidate Starts for WillSterrel_18:
(Start: 13 @17915 has 27 MA's), (Start: 19 @17930 has 222 MA's), (24, 17942), (27, 17966), (Start: 30 @17981 has 1 MA's), (36, 18026), (41, 18056), (49, 18110), (59, 18200), (61, 18209), (67, 18257), (69, 18275), (73, 18302), (75, 18308), (76, 18311), (79, 18335), (80, 18338), (82, 18353), (93, 18425), (96, 18464), (105, 18518), (106, 18527), (107, 18551), (110, 18572), (116, 18599), (120, 18641), (131, 18698), (132, 18728),

Gene: Willez_24 Start: 20938, Stop: 21771, Start Num: 20
Candidate Starts for Willez_24:
(Start: 1 @20617 has 1 MA's), (2, 20641), (Start: 20 @20938 has 122 MA's), (Start: 26 @20950 has 11 MA's), (37, 21031), (40, 21052), (44, 21070), (47, 21100), (58, 21169), (78, 21337), (84, 21373), (96, 21478), (103, 21520), (108, 21565), (113, 21607), (126, 21682), (129, 21694),

Gene: Willsammy_20 Start: 18036, Stop: 18929, Start Num: 16
Candidate Starts for Willsammy_20:
(Start: 16 @18036 has 50 MA's), (Start: 30 @18090 has 1 MA's), (32, 18114), (37, 18138), (40, 18159), (48, 18216), (52, 18228), (56, 18270), (63, 18330), (74, 18438), (94, 18606), (95, 18609), (105, 18663), (114, 18747), (115, 18750), (120, 18804), (135, 18912), (136, 18915),

Gene: Winget_58 Start: 35511, Stop: 36359, Start Num: 15
Candidate Starts for Winget_58:
(Start: 15 @35511 has 31 MA's), (Start: 19 @35517 has 222 MA's), (23, 35532), (29, 35571), (35, 35616), (45, 35670), (59, 35784), (81, 35928), (83, 35949), (93, 36012), (102, 36090), (120, 36240), (133, 36336),

Gene: Wogge42_56 Start: 34952, Stop: 35800, Start Num: 15
Candidate Starts for Wogge42_56:
(Start: 15 @34952 has 31 MA's), (Start: 19 @34958 has 222 MA's), (23, 34973), (29, 35012), (35, 35057), (45, 35111), (59, 35225), (81, 35369), (83, 35390), (93, 35453), (102, 35531), (120, 35681), (133, 35777),

Gene: XFactor_17 Start: 16576, Stop: 17406, Start Num: 19
Candidate Starts for XFactor_17:

(Start: 12 @16558 has 38 MA's), (Start: 19 @16576 has 222 MA's), (24, 16588), (27, 16612), (Start: 30 @16627 has 1 MA's), (36, 16672), (41, 16702), (46, 16732), (49, 16756), (59, 16846), (61, 16855), (67, 16903), (73, 16948), (75, 16954), (76, 16957), (79, 16981), (82, 16999), (89, 17062), (93, 17071), (96, 17110), (99, 17125), (104, 17161), (105, 17164), (106, 17173), (107, 17197), (110, 17218), (120, 17287), (131, 17344), (132, 17374),

Gene: Xandras_27 Start: 21424, Stop: 22257, Start Num: 20
Candidate Starts for Xandras_27:
(Start: 1 @21103 has 1 MA's), (2, 21127), (Start: 20 @21424 has 122 MA's), (Start: 26 @21436 has 11 MA's), (37, 21517), (40, 21538), (44, 21556), (47, 21586), (78, 21823), (84, 21859), (96, 21964), (103, 22006), (108, 22051), (113, 22093), (126, 22168), (129, 22180),

Gene: Xavia_20 Start: 18148, Stop: 19041, Start Num: 16
Candidate Starts for Xavia_20:
(Start: 16 @18148 has 50 MA's), (Start: 30 @18202 has 1 MA's), (32, 18226), (37, 18250), (40, 18271), (48, 18328), (52, 18340), (56, 18382), (63, 18442), (74, 18550), (94, 18718), (95, 18721), (101, 18754), (105, 18775), (114, 18859), (135, 19024), (136, 19027),

Gene: Xeno_19 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Xeno_19:
(Start: 19 @16711 has 222 MA's), (33, 16798), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: Xerxes_19 Start: 16711, Stop: 17553, Start Num: 19
Candidate Starts for Xerxes_19:
(Start: 19 @16711 has 222 MA's), (33, 16798), (34, 16804), (43, 16846), (46, 16873), (53, 16912), (59, 16987), (61, 16996), (73, 17089), (83, 17149), (94, 17245), (99, 17266), (102, 17290), (105, 17305), (114, 17380), (118, 17416), (125, 17467), (132, 17524), (135, 17539),

Gene: Xiaokay_35 Start: 28928, Stop: 29779, Start Num: 21
Candidate Starts for Xiaokay_35:
(Start: 21 @28928 has 30 MA's), (25, 28934), (34, 29009), (38, 29024), (50, 29108), (55, 29153), (57, 29162), (64, 29249), (74, 29315), (77, 29342), (83, 29375), (84, 29381), (96, 29480), (100, 29498), (105, 29531), (107, 29564), (108, 29567), (110, 29588), (117, 29633), (133, 29756), (135, 29762),

Gene: Xula_19 Start: 17869, Stop: 18720, Start Num: 14
Candidate Starts for Xula_19:
(Start: 14 @17869 has 10 MA's), (31, 17935), (51, 18070), (54, 18106), (60, 18154), (67, 18208), (72, 18250), (81, 18289), (83, 18310), (86, 18328), (93, 18373), (100, 18439), (109, 18526), (111, 18535), (113, 18550), (114, 18553), (115, 18556), (126, 18640), (133, 18697),

Gene: YassJohnny_26 Start: 21949, Stop: 22782, Start Num: 20
Candidate Starts for YassJohnny_26:
(Start: 1 @21628 has 1 MA's), (2, 21652), (Start: 20 @21949 has 122 MA's), (Start: 26 @21961 has 11 MA's), (37, 22042), (40, 22063), (44, 22081), (47, 22111), (58, 22180), (78, 22348), (84, 22384), (96, 22489), (103, 22531), (108, 22576), (113, 22618), (126, 22693), (129, 22705),

Gene: Yeet_36 Start: 28648, Stop: 29499, Start Num: 21
Candidate Starts for Yeet_36:
(Start: 21 @28648 has 30 MA's), (25, 28654), (34, 28729), (50, 28828), (55, 28873), (56, 28876), (65, 28972), (77, 29062), (82, 29086), (83, 29095), (85, 29110), (100, 29218), (103, 29242), (107, 29284), (122, 29395), (129, 29419), (135, 29482),

Gene: Yorick_17 Start: 16577, Stop: 17407, Start Num: 19
Candidate Starts for Yorick_17:
(Start: 13 @16562 has 27 MA's), (Start: 19 @16577 has 222 MA's), (24, 16589), (27, 16613), (Start: 30 @16628 has 1 MA's), (36, 16673), (41, 16703), (49, 16757), (59, 16847), (61, 16856), (67, 16904), (69, 16922), (73, 16949), (75, 16955), (76, 16958), (79, 16982), (80, 16985), (82, 17000), (93, 17072), (96, 17111), (104, 17162), (105, 17165), (106, 17174), (107, 17198), (110, 17219), (120, 17288), (131, 17345), (132, 17375),

Gene: Youngblood_25 Start: 21614, Stop: 22435, Start Num: 26
Candidate Starts for Youngblood_25:
(Start: 1 @21281 has 1 MA's), (2, 21305), (Start: 20 @21602 has 122 MA's), (Start: 26 @21614 has 11 MA's), (37, 21695), (40, 21716), (44, 21734), (47, 21764), (58, 21833), (78, 22001), (84, 22037), (96, 22142), (103, 22184), (108, 22229), (113, 22271), (126, 22346), (129, 22358),

Gene: YoyoKar_55 Start: 34795, Stop: 35643, Start Num: 15
Candidate Starts for YoyoKar_55:
(Start: 15 @34795 has 31 MA's), (Start: 19 @34801 has 222 MA's), (23, 34816), (29, 34855), (35, 34900), (45, 34954), (59, 35068), (81, 35212), (83, 35233), (93, 35296), (102, 35374), (120, 35524), (133, 35620),

Gene: YungJamal_62 Start: 36703, Stop: 37551, Start Num: 15
Candidate Starts for YungJamal_62:
(Start: 15 @36703 has 31 MA's), (Start: 19 @36709 has 222 MA's), (23, 36724), (29, 36763), (35, 36808), (45, 36862), (59, 36976), (81, 37120), (83, 37141), (93, 37204), (102, 37282), (120, 37432), (133, 37528),

Gene: Zakhe101_57 Start: 35349, Stop: 36197, Start Num: 15
Candidate Starts for Zakhe101_57:
(Start: 15 @35349 has 31 MA's), (Start: 19 @35355 has 222 MA's), (23, 35370), (29, 35409), (35, 35454), (45, 35508), (59, 35622), (81, 35766), (83, 35787), (93, 35850), (102, 35928), (120, 36078), (133, 36174),

Gene: Zebo_57 Start: 35254, Stop: 36102, Start Num: 15
Candidate Starts for Zebo_57:
(Start: 15 @35254 has 31 MA's), (Start: 19 @35260 has 222 MA's), (23, 35275), (29, 35314), (35, 35359), (45, 35413), (59, 35527), (81, 35671), (83, 35692), (93, 35755), (102, 35833), (120, 35983), (133, 36079),

Gene: Zelink_39 Start: 30458, Stop: 31309, Start Num: 21
Candidate Starts for Zelink_39:
(Start: 21 @30458 has 30 MA's), (25, 30464), (34, 30539), (38, 30554), (50, 30638), (55, 30683), (57, 30692), (65, 30782), (77, 30872), (83, 30905), (84, 30911), (105, 31061), (107, 31094), (108, 31097), (117, 31163), (133, 31286), (135, 31292),

Gene: Zerg_17 Start: 16540, Stop: 17370, Start Num: 19
Candidate Starts for Zerg_17:
(Start: 12 @16522 has 38 MA's), (Start: 19 @16540 has 222 MA's), (24, 16552), (27, 16576), (Start: 30 @16591 has 1 MA's), (36, 16636), (41, 16666), (46, 16696), (49, 16720), (59, 16810), (61, 16819), (67, 16867), (73, 16912), (75, 16918), (76, 16921), (79, 16945), (80, 16948), (82, 16963), (89, 17026), (93, 17035), (96, 17074), (99, 17089), (104, 17125), (105, 17128), (106, 17137), (107, 17161), (110, 17182), (120, 17251), (131, 17308), (132, 17338), (136, 17356),

Gene: Zilizebeth_20 Start: 18144, Stop: 19037, Start Num: 16
Candidate Starts for Zilizebeth_20:
(Start: 16 @18144 has 50 MA's), (Start: 30 @18198 has 1 MA's), (32, 18222), (37, 18246), (40, 18267), (48, 18324), (52, 18336), (56, 18378), (63, 18438), (74, 18546), (94, 18714), (95, 18717), (105, 18771), (114, 18855), (115, 18858), (120, 18912), (135, 19020), (136, 19023),

Gene: Zizzle_17 Start: 16548, Stop: 17378, Start Num: 19
Candidate Starts for Zizzle_17:
(Start: 13 @16533 has 27 MA's), (Start: 19 @16548 has 222 MA's), (24, 16560), (27, 16584), (Start: 30 @16599 has 1 MA's), (36, 16644), (41, 16674), (49, 16728), (59, 16818), (61, 16827), (67, 16875), (69, 16893), (73, 16920), (75, 16926), (76, 16929), (79, 16953), (80, 16956), (82, 16971), (93, 17043), (96, 17082), (104, 17133), (105, 17136), (106, 17145), (107, 17169), (110, 17190), (120, 17259), (131, 17316), (132, 17346),

Gene: xkcd_26 Start: 21603, Stop: 22436, Start Num: 20
Candidate Starts for xkcd_26:
(Start: 1 @21282 has 1 MA's), (2, 21306), (Start: 20 @21603 has 122 MA's), (Start: 26 @21615 has 11 MA's), (37, 21696), (40, 21717), (44, 21735), (47, 21765), (58, 21834), (78, 22002), (84, 22038), (96, 22143), (103, 22185), (108, 22230), (113, 22272), (126, 22347), (129, 22359),