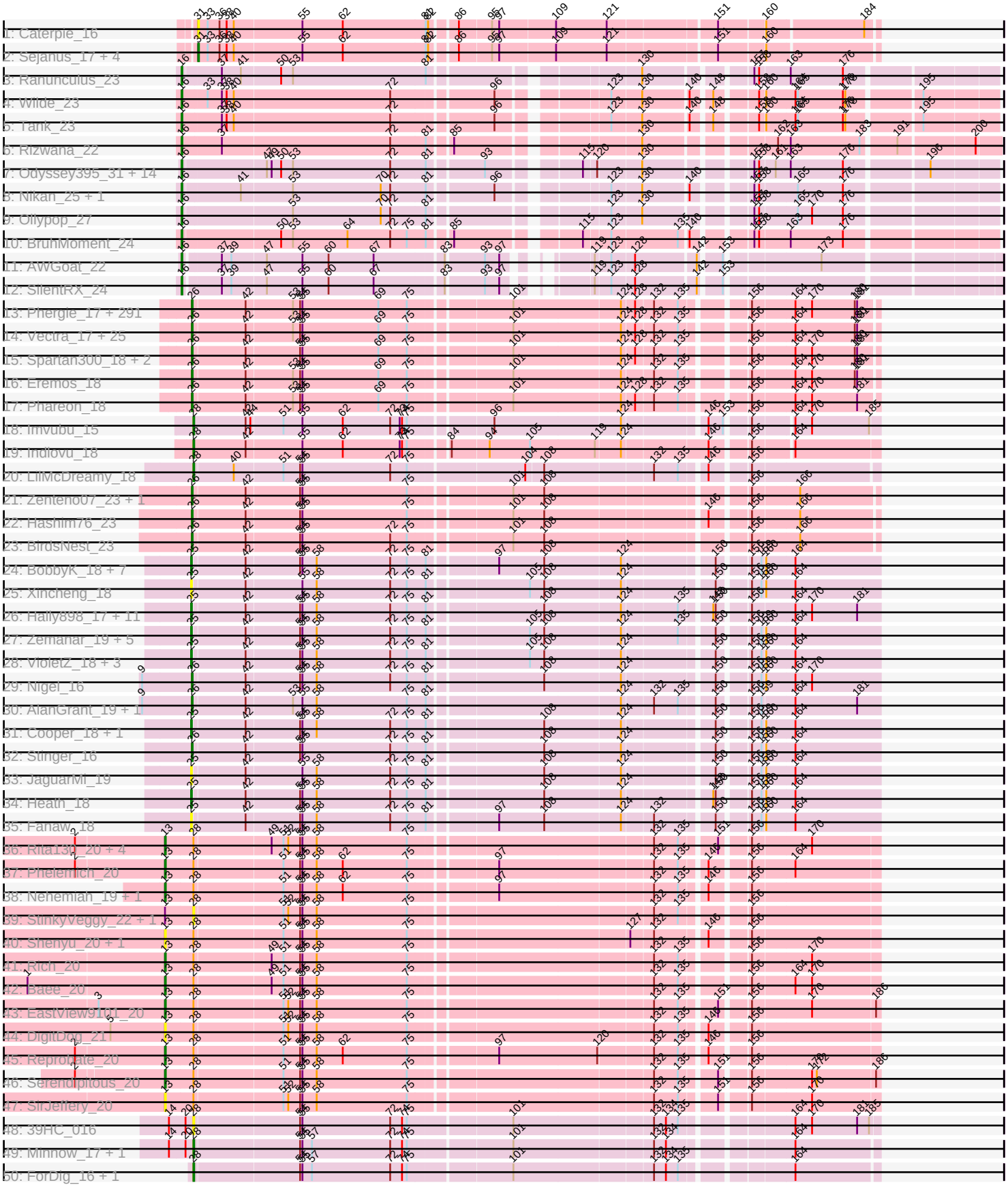
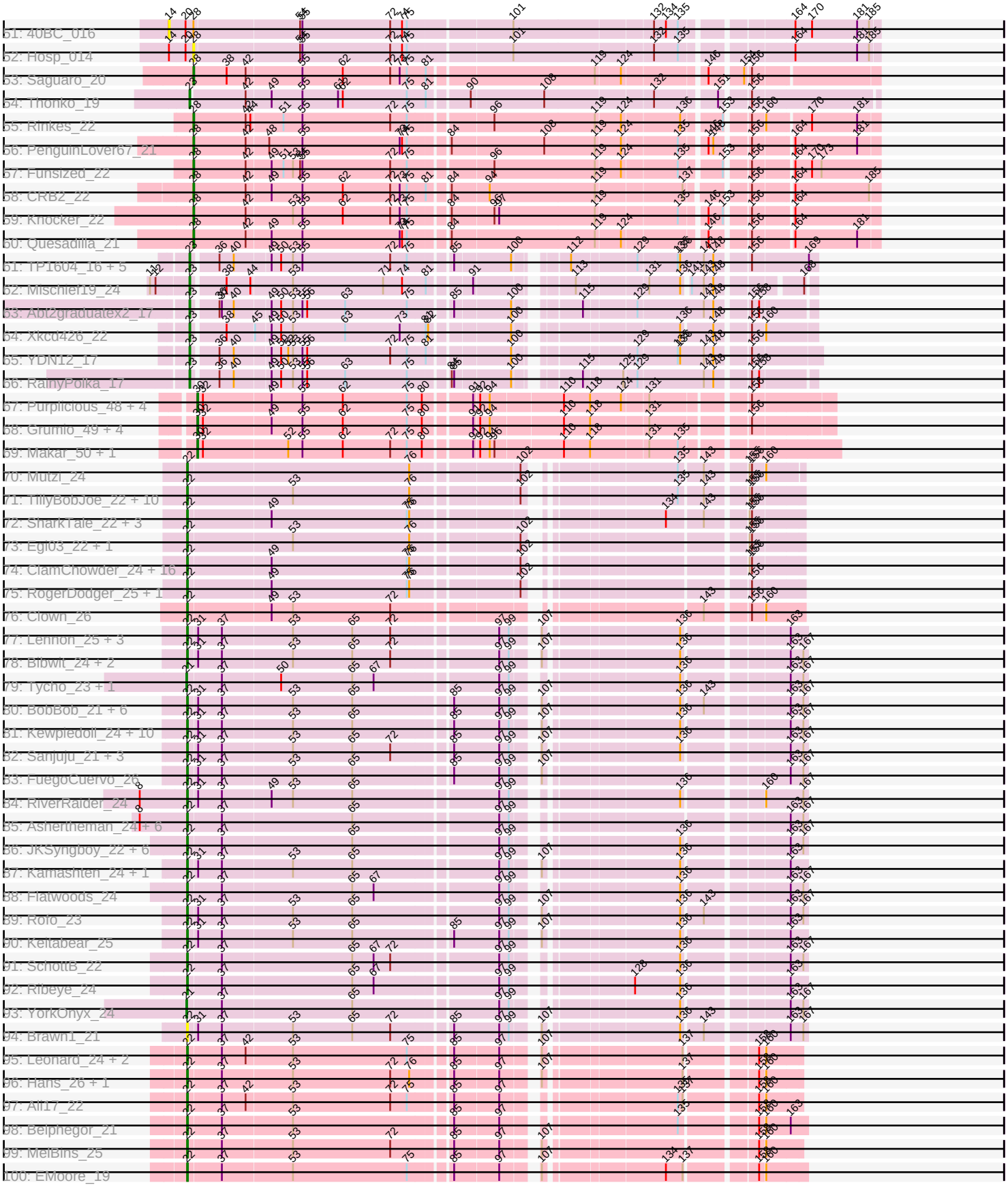
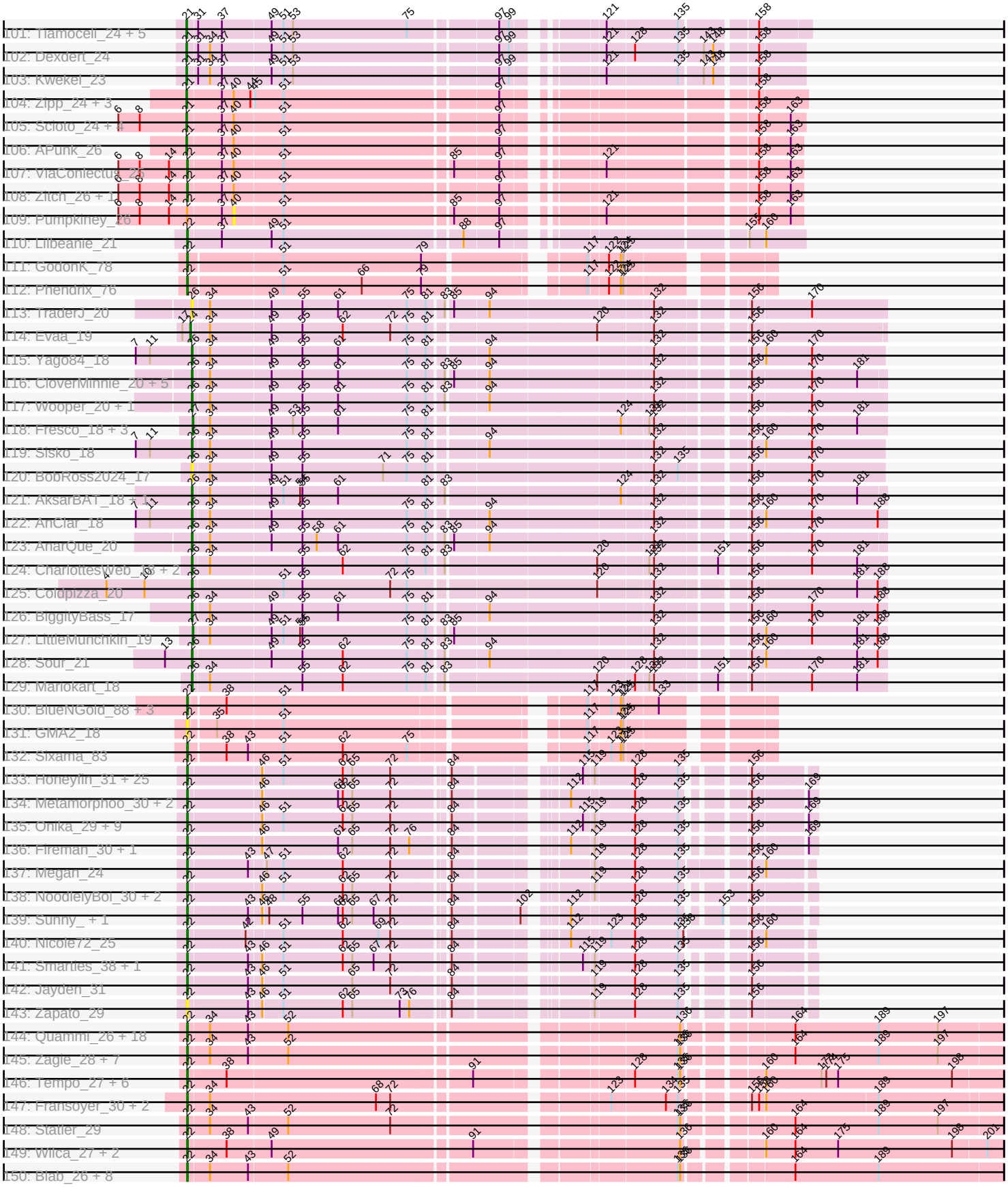
Pham 345192


1: Caterpie_16
2: Sejanus_17 + 4
3: Ranunculus_23
4: Wilde_23
5: Tank_23
6: Rizwana_22
7: Odyssey395_31 + 14
8: Nikan_25 + 1
9: Olympop_27
10: BrunMoment_24
11: AWGoat_22
12: SilentRX_24
13: Phergie_17 + 291
14: Vectra_17 + 25
15: Spartan300_18 + 2
16: Eremos_18
17: Phareon_18
18: Imvubu_15
19: Indiovu_18
20: LilMcDreamy_18
21: Zenteno07_23 + 1
22: Hashim76_23
23: BirdsNest_23
24: BobbyK_18 + 7
25: Xincheng_18
26: Hally898_17 + 11
27: Zemanar_19 + 5
28: VioletZ_18 + 3
29: Nigel_16
30: AlanGrant_19 + 1
31: Cooper_18 + 1
32: Stinger_16
33: JaguarMI_19
34: Heath_18
35: Fanaw_18
36: Rita130_20 + 4
37: Phelemich_20
38: Nehemiah_19 + 1
39: StinkyVeggy_22 + 1
40: Shenyu_20 + 1
41: Rich_20
42: Baee_20
43: EastView9101_20
44: DigitDog_21
45: Reprobate_20
46: Serendipitous_20
47: SirJeffery_20
48: 39HC_016
49: Minnow_17 + 1
50: ForDig_16 + 1

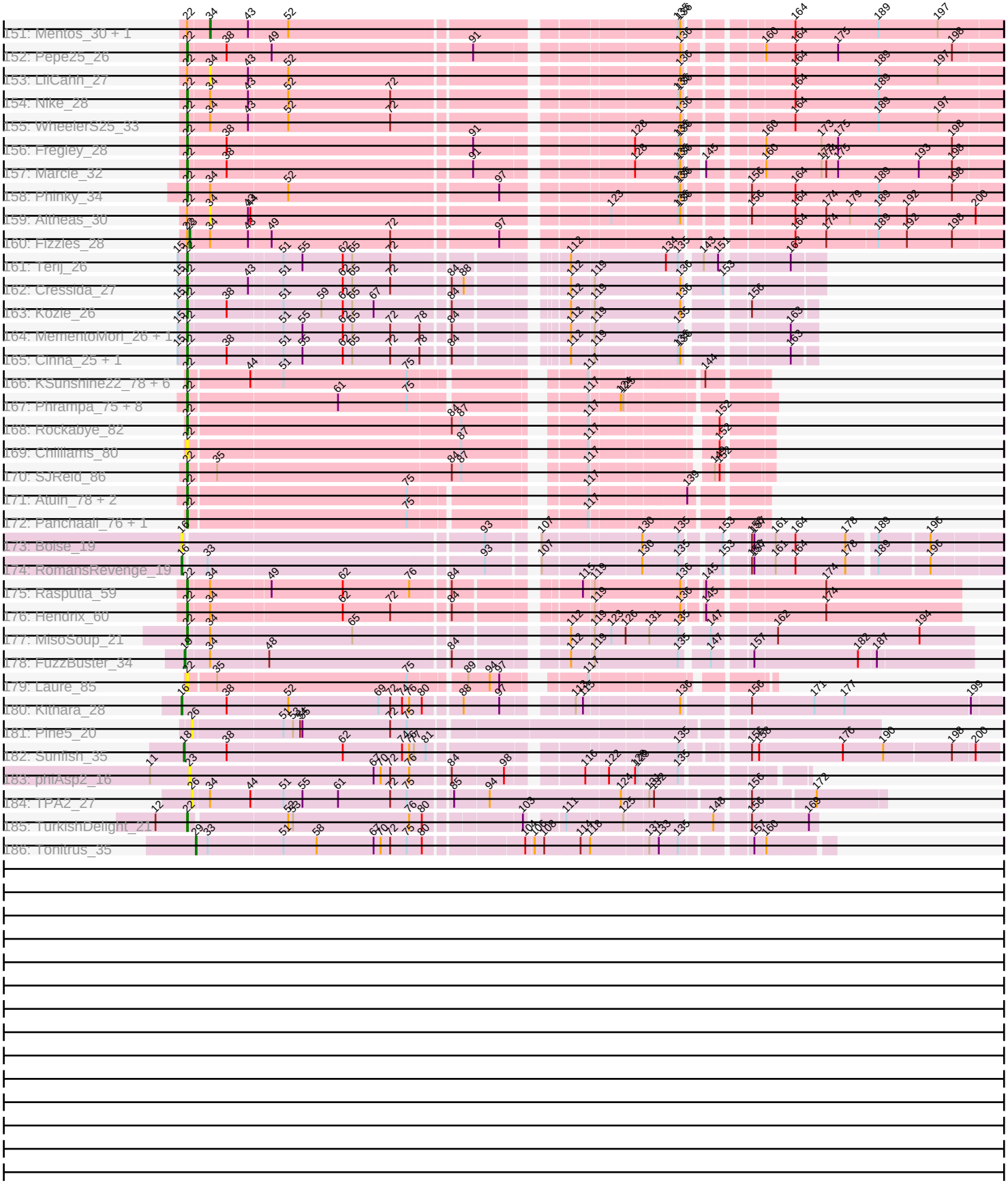
Pham 345192


51: 40BC_016
52: Hosp_014
53: Saguaro_20
54: Thonko_19
55: Rinkes_22
56: PenguinLover67_21
57: Funsized_22
58: CRB2_22
59: Knocker_22
60: Quesadilla_21
61: TP1604_16 + 5
62: Mischief19_24
63: Abt2graduatex2_17
64: Xkcd426_22
65: YDN12_17
66: RainyPolka_17
67: Purplicious_48 + 4
68: Grumio_49 + 4
69: Makar_50 + 1
70: Mutzi_24
71: TillyBobJoe_22 + 10
72: SharkTale_22 + 3
73: Egl03_22 + 1
74: ClamChowder_24 + 16
75: RogerDodger_25 + 1
76: Clown_26
77: Lennon_25 + 3
78: Bibwit_24 + 2
79: Tycho_23 + 1
80: BobBob_21 + 6
81: Kewpiedoll_24 + 10
82: Sanjuju_21 + 3
83: FuegoCuervo_26
84: RiverRaider_24
85: Ashertheman_24 + 6
86: JKSyngboy_22 + 6
87: Kamashten_24 + 1
88: Flatwoods_24
89: Rolo_23
90: Keitabear_25
91: SchottB_22
92: Ribeye_24
93: YorkOnyx_24
94: Brawn1_21
95: Leonard_24 + 2
96: Hans_26 + 1
97: Alli7_22
98: Belphegor_21
99: MelBins_25
100: EMoore_19

Pham 345192


101: Tiamocell_24 + 5
102: Dexdert_24
103: Kwekel_23
104: Zipp_24 + 3
105: Scioto_24 + 4
106: APunk_26
107: ViaConiectus_25
108: Zitch_26 + 1
109: Pumpkiney_26
110: Lilbeanie_21
111: GodonK_78
112: Phendrix_76
113: TraderJ_20
114: Evaa_19
115: Yago84_18
116: CloverMinnie_20 + 5
117: Wooper_20 + 1
118: Fresco_18 + 3
119: Sisko_18
120: BobRoss2024_17
121: AksarBAT_18 + 1
122: AnClar_18
123: AnarQue_20
124: CharlottesWeb_18 + 2
125: Coldpizza_20
126: BiggityBass_17
127: LittleMunchkin_19
128: Sour_21
129: Mariokart_18
130: BlueNGold_88 + 3
131: GMA2_18
132: Sixama_83
133: Honeyfin_31 + 25
134: Metamorphoo_30 + 2
135: Onika_29 + 9
136: Fireman_30 + 1
137: Megan_24
138: NoodlelyBoi_30 + 2
139: Sunny_ + 1
140: Nicole72_25
141: Smarties_38 + 1
142: Jayden_31
143: Zapato_29
144: Quammi_26 + 18
145: Zagie_28 + 7
146: Tempo_27 + 6
147: Fransoyer_30 + 2
148: Statler_29
149: Wilca_27 + 2
150: Blab_26 + 8

Pham 345192


151: Mentos_30 + 1
152: Pepe25_26
153: LilCahn_27
154: Nike_28
155: WheelerS25_33
156: Fregley_28
157: Marcie_32
158: Phinky_34
159: Altheas_30
160: Fizzles_28
161: Terij_26
162: Cressida_27
163: Kozie_26
164: MementoMori_26 + 1
165: Cinna_25 + 1
166: KSunshine22_78 + 6
167: Phrampa_75 + 8
168: Rockabye_82
169: Chilliams_80
170: SJReid_86
171: Atdin_78 + 2
172: Panchaali_76 + 1
173: Boise_19
174: RomansRevenge_19
175: Rasputia_59
176: Hendrix_60
177: MisoSoup_21
178: FuzzBuster_34
179: Laure_85
180: Kithara_28
181: Pine5_20
182: Sunfish_35
183: phiAsp2_16
184: TPA2_27
185: TurkishDelight_21
186: Tonitrus_35

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 345192 Report

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

Pham number 345192 has 779 members, 100 are drafts.

Phages represented in each track:
• Track 1 : Caterpie_16
• Track 2 : Sejanus_17, Mao1_16, Mask_17, Dori_17, JohnLord_17
• Track 3 : Ranunculus_23
• Track 4 : Wilde_23
• Track 5 : Tank_23
• Track 6 : Rizwana_22
• Track 7 : Odyssey395_31, Beagle_30, Hive_29, RIPWilbur_27, NyleyClemson_24, RazzB_25, MellowYellow_26, Popstraw_27, Pointis_29, BetaFish_29, Pureglobe5_31, Forrestell_26, PhuzzTulsa_27, DogYard_29, Kubulix_30
• Track 8 : Nikan_25, Ren19_25
• Track 9 : Ollypop_27
• Track 10 : BruhMoment_24
• Track 11 : AWGoat_22
• Track 12 : SilentRX_24
• Track 13 : Phergie_17, TallGrassMM_18, Simielle_17, HenryJackson_17, BlackStallion_18, Gyarad_0018, Puhltonio_18, Cornobble_17, Fringe_18, FugateOSU_17, Numberten_18, JacAttac_18, Lulumae_17, Phamished_18, Carthage_17, NiaNia_18, Azuria_17, Doddsville_18, OliverWalter_18, Andre_18, HSavage_18, Gwilliam_18, Dione_17, Bishoperium_17, FluffyNinja_18, Mikota_18, Yoshand_18, Virgeve_17, Etaye_18, Toni_17, Suffolk_18, Plmatters_18, Mcshane_17, Melc17_18, AltPhacts_18, Nehme_17, Hocus_17, Khan1_17, CheetO_18, Hartsy_18, Zaider_19, Daka_18, Nacho_0018, Vista_18, JakeO_17, Piglet_0017, AbsoluteMadLad_17, CamL_18, Morty_18, Chuni_18, Daffy_18, Squid_18, Antonia_17, Weher20_18, DelRivs_17, ABU_18, Mosaic_17, KlimbOn_18, BlueHusk_18, SallyH_18, Vaishali24_17, Hamish_18, ShadowBud_18, PhenghisKhan_17, Rimu_18, ThreeOh3D2_18, Grand2040_17, ImtiyazSitla_17, SirBeauregard_17, Solosis_17, Mutante_17, Jesabah_18, Sophia_17, Crownjwl_18, Aonishiki_18, PhrankReynolds_17, Septica_17, Maru_17, Aelin_17, BlacksBerry_17, Maskar_17, Placalicious_17, Olive_18, Swish_18, Gwennie1_18, Haimas_18, Flake_18, DirtJuice_18, Oline_17, Jiraiya_17, Pherdinand_18, Riverton_18, DuchessDung_17, Orwigg_17, Chorkpop_18, Hetaeria_18, Surely_18, Phleuron_17, Emiris_18, Slatt_18, Derpp_17, Orfeu_17, Giraffe_18, KLucky39_18, Burr_17, Kikipoo_18, Chipette_19, DaddyDaniels_18, MrPhizzler_18, UncleHowie_18, Virapocalypse_18, Pipsqueak_18, Childish_17, IsaacEli_18, MiniBoss_18, Ricotta_17, Mulan_17, LuckyMarjie_17, Duggie_17, Prickles_18, MichaelPhcott_17, Gophee_18, Schueller_17, Horchata_18, Iridessa_18, Kailash_18, RedRaider89_19, PallasAthena_17, Morgushi_18, Mana_17, Magic8_18, FleetyMac_18, True_17,

Boehler_18, TyrionL_17, MitKao_18, Serendipity_18, Olak_17, DoesntMatter_18, JangoPhett_18, Riggan_18, SDcharge11_18, Durga_18, Sigman_18, Soile_18, Mecca_17, Inchworm_18, Mesh1_18, Happabalu_18, Fang_18, Labeouficaum_17, Quisquiliae_18, Phipps_18, Craff_18, Waterdiva_18, Kwadwo_17, Pacifista_17, Manad_17, PhrodoBaggins_17, Buckeye_18, Gareth_17, Chute_18, JDog_17, GreenChile_18, Beaglebox_17, UAch1_18, Mag7_17, Robyn_17, Cannibal_18, FriarPreacher_18, Bluephacebaby_17, Podrick_18, Lasso_18, Roy17_18, Altwerkus_17, Scoot17C_18, Ashraf_17, LostAndPhound_17, Lopsy_17, Samaymay_18, OSmaximus_18, Schadenfreude_17, Dati_18, Tooj_18, Haleema_17, RedMaple_17, Newman_18, Dingo_18, Colbert_18, ProfessorX_18, Chaelin_17, BoogieWoogie_18, Orion_18, Xavier_17, Lulwa_18, SassyCat97_17, Charles1_18, Megatron_18, Cobra_18, PG1_18, Vortex_18, AngelCake_18, QueenBeane_18, Telesworld_17, Omniscient_18, Vivaldi_18, LeeLot_18, Murdoc_18, Freya_17, Iridoclysis_18, Vaticameos_18, KingTut_17, DolOn_19, HogWash_17, PinheadLarry_18, Potter_17, Pops_18, EmGer13_17, OneBrain_18, Longacauda_17, Held_18, Soto_18, FremontTroll_17, Lego3393_18, CampRoach_18, Kimbrough_18, Lumine_17, Scrick_17, Oosterbaan_18, Anderson_18, Roliet_18, Harvey_18, Legolas_17, Nyala_17, Tomlarah_18, LemonSlice_18, Timmi_17, SilverBell_18, Hertubise_18, Windsor_17, Inverness_18, Mesmerelda_17, Fozzie_17, Chunky_18, Zelda_18, Thunderbird_17, DonSanchon_17, Badfish_18, MRabcd_17, Thora_18, Adriana_18, Larson_19, HighStump_17, LasagnaCat_18, Frankicide_18, Matalotodo_18, Hekos_17, Apizium_17, Basato_19, Cornbread_17, Dice_17, Katniss_18, Roscoe_19, Jillium_17, Cher_17, Serpentine_0018, Selr12_18, Megamind20_18, TomBombadil_18, Banjo_17, Brilliant_18, Veritas_17, Skippy_18, LeiMonet_18, Kahve_17, Usavi_18, Coletti_18, YouGoGlencoco_18, Squiggle_18, Phunky_18, TooFast2Furius_19, ShiVal_18, Cosmolli16_17, Eugenia_18, Kloppinator_18, Lehmann_18, Chah_18, Triad_18, KingVeVeVe_18, Nicole21_18, Nathan_18, PhatCats2014_18

• Track 14 : Vectra_17, Jbug01_18, Kiwot_17, Karn_17, PhatLouie_18, Keitherie_18, CharlieGBrown_17, BatteryCK_17, Zonia_18, Taraxa_18, MelsMeow_17, Wallhey_17, Kwksand96_17, Sheila_18, Pinkman_17, Salazzle_17, ElvisPhasley_18, GeneCoco_18, Caspiboi_17, Jiminy_17, Struggle_17, Aleia_18, Trypo_18, Plata_17, Swiphy_18, Nova1_17
• Track 15 : Spartan300_18, Valjean_18, EmpTee_18
• Track 16 : Eremos_18
• Track 17 : Phareon_18
• Track 18 : Imvubu_15
• Track 19 : Indlovu_18
• Track 20 : LilMcDreamy_18
• Track 21 : Zenteno07_23, LittleMinkey_24
• Track 22 : Hashim76_23
• Track 23 : BirdsNest_23
• Track 24 : BobbyK_18, Fortunato_18, Apex_18, Frederick_18, Mudslide_18, RawrgerThat_18, Austelle_19, Prince_18
• Track 25 : Xincheng_18
• Track 26 : Hally898_17, Nanao_17, Lambano_17, ChrisnMich_17, Epah_17, Poster_17, Antihero_17, GinPorsche_17, LittleDigger_17, Ahwei_17, Renkei_17, JAMaL_18
• Track 27 : Zemanar_19, JoyceMaria_18, Mithril_18, Hangman_18, Waleliano_18, BrownCNA_19
• Track 28 : VioletZ_18, Lolalove_18, Magpie_18, Hydro_18
• Track 29 : Nigel_16
• Track 30 : AlanGrant_19, Vincenzo_19

• Track 31 : Cooper_18, QueenPie_18
• Track 32 : Stinger_16
• Track 33 : JaguarMi_19
• Track 34 : Heath_18
• Track 35 : Fanaw_18
• Track 36 : Rita130_20, Acadian_20, Reccee_20, Donny_20, Suigeneris_20
• Track 37 : Phelemich_20
• Track 38 : Nehemiah_19, Mysterious_20
• Track 39 : StinkyVeggy_22, KarasumaRum_22
• Track 40 : Shenyu_20, Nangang_20
• Track 41 : Rich_20
• Track 42 : Baee_20
• Track 43 : EastView9101_20
• Track 44 : DigitDog_21
• Track 45 : Reprobate_20
• Track 46 : Serendipitous_20
• Track 47 : SirJeffery_20
• Track 48 : 39HC_016
• Track 49 : Minnow_17, KayaCho_16
• Track 50 : ForDig_16, Jolie1_016
• Track 51 : 40BC_016
• Track 52 : Hosp_014
• Track 53 : Saguaro_20
• Track 54 : Thonko_19
• Track 55 : Rinkes_22
• Track 56 : PenguinLover67_21
• Track 57 : Funsized_22
• Track 58 : CRB2_22
• Track 59 : Knocker_22
• Track 60 : Quesadilla_21
• Track 61 : TP1604_16, Salete_16, Asis_16, BayC_16, BabyGotBac_16, Maih_16
• Track 62 : Mischief19_24
• Track 63 : Abt2graduatex2_17
• Track 64 : Xkcd426_22
• Track 65 : YDN12_17
• Track 66 : RainyPolka_17
• Track 67 : Purplicious_48, ColdSoup_50, Jollymon_49, Stillion_48, Amo99_50
• Track 68 : Grumio_49, Sting_48, KingstonB_47, DonTron_49, Soos_45
• Track 69 : Makar_50, Clawz_49
• Track 70 : Mutzi_24
• Track 71 : TillyBobJoe_22, CherryCola_25, Gezellig_22, Valary_25, JohnPork_22, Portcullis_22, Phlop_22, Wizard_22, PullumCavea_22, Shinji_22, Fireball_23
• Track 72 : SharkTale_22, Bakery_23, Sixsevenium_23, YungMoney_24
• Track 73 : Egi03_22, Sendy_23
• Track 74 : ClamChowder_24, KimmyK_24, PinkCoffee_24, CoveyB_24, Halo3_23, Salvador_22, Twister6_24, VanDeWege_25, Danyall_24, Fugax_24, Jambalaya_22, Togo_22, Evamon_22, Savbucketdawg_22, Nubi_22, Barb_24, SmokingBunny_22
• Track 75 : RogerDodger_25, Arri_25
• Track 76 : Clown_26
• Track 77 : Lennon_25, ChadMasterC_23, Fitzgerald_21, Sitar_25
• Track 78 : Bibwit_24, Stultus_23, Sedona_25
• Track 79 : Tycho_23, Gaea_23

• Track 80 : BobBob_21, Affeca_23, Shivanishola_23, Vivi2_23, Tangent_21, Angelicage_23, Charming_21
• Track 81 : Kewpiedoll_24, Galadriel_25, Ailee_23, MoontowerMania_22, Fosterous_21, McKinley_24, Geodirt_22, Love_25, Paries_24, McCrothy_24, Nordenberg_18
• Track 82 : Sanjuju_21, Barsten_24, Jabberwocky_21, Brandonk123_25
• Track 83 : FuegoCuervo_26
• Track 84 : RiverRaider_24
• Track 85 : Ashertheman_24, Baumdotcom_23, Tangerine_23, Gustavo_23, Kwobi_25, Saronaya_23, StorminNorm_23
• Track 86 : JKSyngboy_22, Derg_19, Bizzy_24, LilHam_21, Kroos_24, Stichling_22, Baddon_23
• Track 87 : Kamashten_24, Thing3_24
• Track 88 : Flatwoods_24
• Track 89 : Rofo_23
• Track 90 : Keitabear_25
• Track 91 : SchottB_22
• Track 92 : Ribeye_24
• Track 93 : YorkOnyx_24
• Track 94 : Brawn1_21
• Track 95 : Leonard_24, Phinally_24, Inspectinfecti_25
• Track 96 : Hans_26, Phauci_17
• Track 97 : Ali17_22
• Track 98 : Belphegor_21
• Track 99 : MelBins_25
• Track 100 : EMoore_19
• Track 101 : Tiamoceli_24, Chickadee_23, GTE6_23, EdmundFerry_22, RoadKill_21, Twonlo_21
• Track 102 : Dexdert_24
• Track 103 : Kwekel_23
• Track 104 : Zipp_24, Delrey21_24, DoctorFroggo_24, Verity_24
• Track 105 : Scioto_24, Natkenzie_24, Sampson_24, Abblin_24, Tardus_25
• Track 106 : APunk_26
• Track 107 : ViaConlectus_25
• Track 108 : Zitch_26, BigHunkinEater_27
• Track 109 : Pumpkiney_26
• Track 110 : Lilbeanie_21
• Track 111 : GodonK_78
• Track 112 : Phendrix_76
• Track 113 : TraderJ_20
• Track 114 : Evaa_19
• Track 115 : Yago84_18
• Track 116 : CloverMinnie_20, Blackpen_20, CaiB_20, MakoManhole_20, MossRose_20, FelixTres_20
• Track 117 : Wooper_20, Yeshua_20
• Track 118 : Fresco_18, Axumite_18, Shatter_18, Ligma_18
• Track 119 : Sisko_18
• Track 120 : BobRoss2024_17
• Track 121 : AksarBAT_18, NHagos_18
• Track 122 : AnClar_18
• Track 123 : AnarQue_20
• Track 124 : CharlottesWeb_18, Coco2012_18, JellyBelly_18
• Track 125 : Coldpizza_20

• Track 126 : BiggityBass_17
• Track 127 : LittleMunchkin_19
• Track 128 : Sour_21
• Track 129 : Mariokart_18
• Track 130 : BlueNGold_88, Boopy_89, Forza_89, Mareelih_87
• Track 131 : GMA2_18
• Track 132 : Sixama_83
• Track 133 : Honeyfin_31, Jollipop_30, Lucretia_30, Savannah_29, EarickHC_30, Kowalski_29, PhedwardCullen_29, Jefe_30, KaiHaiDragon_30, LittleFortune_31, Pulchra_31, Germa_31, Paschalis_29, Ganandorf_29, Rockwell_29, PiperSansNom_30, Selwyn23_31, Ramiel05_29, Glorp_31, Crisis_31, PierreOrion_30, Yeti_30, Busephilis_29, Quhwah_33, CrazyRich_29, Piperis_30
• Track 134 : Metamorphoo_30, RobsFeet_31, Shrubaron_30
• Track 135 : Onika_29, Scumberland_31, Antares_30, Phrancesco_30, Shotgun_29, Hermeonysus_29, BrazzalePHS_29, Cranjis_31, BeagleBug_29, Phorgeous_29
• Track 136 : Fireman_30, Tyrumbra_28
• Track 137 : Megan_24
• Track 138 : NoodlelyBoi_30, ClearAsMud_32, SirFrank_29
• Track 139 : Sunny_, Merry_
• Track 140 : Nicole72_25
• Track 141 : Smarties_38, Ariadne_38
• Track 142 : Jayden_31
• Track 143 : Zapato_29
• Track 144 : Quammi_26, Lonelysoil_27, Wayne3_29, Jehoshaphat_30, Rudy_26, Sillytadpoles_27, Phabia_28, Zhafia_30, Casend_29, SlySloth_30, Viceroy_27, Llemily_27, Wheelie_27, Teehee_29, DonaldDuck_27, Squash_30, StrawberryJamm_30, EverythinBagel_27, SallyK_29
• Track 145 : Zagie_28, Tissue_28, FrankDeliGuy_25, Grassboy_29, Kyva_30, Rowlf_24, Judebell_30, Namago_28
• Track 146 : Tempo_27, Romm_29, CandC_26, RobinRose_29, KillerQueen_28, Kelcole_26, OneinaGillian_27
• Track 147 : Fransoyer_30, SadLad_32, RubyRalph_30
• Track 148 : Statler_29
• Track 149 : Wilca_27, Spiderpig_27, BirdInFrench_27
• Track 150 : Blab_26, Mashley_26, BaconCheese_30, Hyperion_27, AluminumJesus_26, Gazebo_27, MorillMayhem_28, BabyDotz_27, Mila11_30
• Track 151 : Mentos_30, ZestyBestie_26
• Track 152 : Pepe25_26
• Track 153 : LilCahh_27
• Track 154 : Nike_28
• Track 155 : WheelerS25_33
• Track 156 : Fregley_28
• Track 157 : Marcie_32
• Track 158 : Phinky_34
• Track 159 : Altheas_30
• Track 160 : Fizzles_28
• Track 161 : Terij_26
• Track 162 : Cressida_27
• Track 163 : Kozie_26
• Track 164 : MementoMori_26, Margaery_25
• Track 165 : Cinna_25, Matzah_26
• Track 166 : KSunshine22_78, Ellewin_72, BooTeria_74, Emmetator_76, Artu_74, DunneganBoMo_73, WaddleDee_71

• Track 167 : Phrampa_75, Talia1610_83, FloraSnap32_80, Bloom_87, Mimi_83, FrostedClock_82, Patbob_82, GoldenEssence_69, Racecar_84
• Track 168 : Rockabye_82
• Track 169 : Chilliams_80
• Track 170 : SJReid_86
• Track 171 : Atuin_78, ReginaGlobina_83, LeoJr_83
• Track 172 : Panchaali_76, Stewart25555_74
• Track 173 : Boise_19
• Track 174 : RomansRevenge_19
• Track 175 : Rasputia_59
• Track 176 : Hendrix_60
• Track 177 : MisoSoup_21
• Track 178 : FuzzBuster_34
• Track 179 : Laure_85
• Track 180 : Kithara_28
• Track 181 : Pine5_20
• Track 182 : Sunfish_35
• Track 183 : phiAsp2_16
• Track 184 : TPA2_27
• Track 185 : TurkishDelight_21
• Track 186 : Tonitrus_35

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

The start number called the most often in the published annotations is 26, it was called in 321 of the 679 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_18, AbsoluteMadLad_17, Adriana_18, Aelin_17, AksarBAT_18, AlanGrant_19, Aleia_18, AltPhacts_18, Altwerkus_17, AnClar_18, AnarQue_20, Anderson_18, Andre_18, AngelCake_18, Antonia_17, Aonishiki_18, Apizium_17, Ashraf_17, Azuria_17, Badfish_18, Banjo_17, Basato_19, BatteryCK_17, Beaglebox_17, BiggityBass_17, BirdsNest_23, Bishoperium_17, BlackStallion_18, Blackpen_20, BlacksBerry_17, BlueHusk_18, Bluephacebaby_17, BobRoss2024_17, Boehler_18, BoogieWoogie_18, Brilliant_18, Buckeye_18, Burr_17, CaiB_20, CamL_18, CampRoach_18, Cannibal_18, Carthage_17, Caspiboi_17, Chaelin_17, Chah_18, Charles1_18, CharlieGBrown_17, CharlottesWeb_18, CheetO_18, Cher_17, Childish_17, Chipette_19, Chorkpop_18, Chuni_18, Chunky_18, Chute_18, CloverMinnie_20, Cobra_18, Coco2012_18, Colbert_18, Coldpizza_20, Coletti_18, Cornbread_17, Cornobble_17, Cosmolli16_17, Craff_18, Crownjwl_18, DaddyDaniels_18, Daffy_18, Daka_18, Dati_18, DelRivs_17, Derpp_17, Dice_17, Dingo_18, Dione_17, DirtJuice_18, Doddsville_18, DoesntMatter_18, DolOn_19, DonSanchon_17, DuchessDung_17, Duggie_17, Durga_18, ElvisPhasley_18, EmGer13_17, Emiris_18, EmpTee_18, Eremos_18, Etaye_18, Eugenia_18, Fang_18, FelixTres_20, Flake_18, FleetyMac_18, FluffyNinja_18, Fozzie_17, Frankicide_18, FremontTroll_17, Freya_17, FriarPreacher_18, Fringe_18, FugateOSU_17, Gareth_17, GeneCoco_18, Giraffe_18, Gophee_18, Grand2040_17, GreenChile_18, Gwennie1_18, Gwilliam_18, Gyarad_0018, HSavage_18, Haimas_18, Haleema_17, Hamish_18, Happabalu_18, Hartsy_18, Harvey_18, Hashim76_23, Hekos_17, Held_18, HenryJackson_17, Hertubise_18, Hetaeria_18,

HighStump_17, Hocus_17, HogWash_17, Horchata_18, ImtiyazSitla_17, Inchworm_18, Inverness_18, Iridessa_18, Iridoclysis_18, IsaacEli_18, JDog_17, JacAttac_18, JakeO_17, JangoPhett_18, Jbug01_18, JellyBelly_18, Jesabah_18, Jillium_17, Jiminy_17, Jiraiya_17, KLucky39_18, Kahve_17, Kailash_18, Karn_17, Katniss_18, Keitherie_18, Khan1_17, Kikipoo_18, Kimbrough_18, KingTut_17, KingVeVeVe_18, Kiwot_17, KlimbOn_18, Kloppinator_18, Kwadwo_17, Kwksand96_17, Labeouficaum_17, Larson_19, LasagnaCat_18, Lasso_18, LeeLot_18, Lego3393_18, Legolas_17, Lehmann_18, LeiMonet_18, LemonSlice_18, LittleMinkey_24, Longacauda_17, Lopsy_17, LostAndPhound_17, LuckyMarjie_17, Lulumae_17, Lulwa_18, Lumine_17, MRabcd_17, Mag7_17, Magic8_18, MakoManhole_20, Mana_17, Manad_17, Mariokart_18, Maru_17, Maskar_17, Matalotodo_18, Mcshane_17, Mecca_17, Megamind20_18, Megatron_18, Melc17_18, MelsMeow_17, Mesh1_18, Mesmerelda_17, MichaelPhcott_17, Mikota_18, MiniBoss_18, MitKao_18, Morgushi_18, Morty_18, Mosaic_17, MossRose_20, MrPhizzler_18, Mulan_17, Murdoc_18, Mutante_17, NHagos_18, Nacho_0018, Nathan_18, Nehme_17, Newman_18, NiaNia_18, Nicole21_18, Nigel_16, Nova1_17, Numberten_18, Nyala_17, OSmaximus_18, Olak_17, Oline_17, Olive_18, OliverWalter_18, Omniscient_18, OneBrain_18, Oosterbaan_18, Orfeu_17, Orion_18, Orwigg_17, PG1_18, Pacifista_17, PallasAthena_17, Phamished_18, Phareon_18, PhatCats2014_18, PhatLouie_18, PhenghisKhan_17, Pherdinand_18, Phergie_17, Phipps_18, Phleuron_17, PhrankReynolds_17, PhrodoBaggins_17, Phunky_18, Piglet_0017, Pine5_20, PinheadLarry_18, Pinkman_17, Pipsqueak_18, Placalicious_17, Plata_17, Plmatters_18, Podrick_18, Pops_18, Potter_17, Prickles_18, ProfessorX_18, Puhltonio_18, QueenBeane_18, Quisquiliae_18, RedMaple_17, RedRaider89_19, Ricotta_17, Riggan_18, Rimu_18, Riverton_18, Robyn_17, Roliet_18, Roscoe_19, Roy17_18, SDcharge11_18, Salazzle_17, SallyH_18, Samaymay_18, SassyCat97_17, Schadenfreude_17, Schueller_17, Scoot17C_18, Scrick_17, Selr12_18, Septica_17, Serendipity_18, Serpentine_0018, ShadowBud_18, Sheila_18, ShiVal_18, Sigman_18, SilverBell_18, Simielle_17, SirBeauregard_17, Sisko_18, Skippy_18, Slatt_18, Soile_18, Solosis_17, Sophia_17, Soto_18, Sour_21, Spartan300_18, Squid_18, Squiggle_18, Stinger_16, Struggle_17, Suffolk_18, Surely_18, Swiphy_18, Swish_18, TPA2_27, TallGrassMM_18, Taraxa_18, Telesworld_17, Thora_18, ThreeOh3D2_18, Thunderbird_17, Timmi_17, TomBombadil_18, Tomlarah_18, Toni_17, TooFast2Furius_19, Tooj_18, TraderJ_20, Triad_18, True_17, Trypo_18, TyrionL_17, UAch1_18, UncleHowie_18, Usavi_18, Vaishali24_17, Valjean_18, Vaticameos_18, Vectra_17, Veritas_17, Vincenzo_19, Virapocalypse_18, Virgeve_17, Vista_18, Vivaldi_18, Vortex_18, Wallhey_17, Waterdiva_18, Weher20_18, Windsor_17, Wooper_20, Xavier_17, Yago84_18, Yeshua_20, Yoshand_18, YouGoGlencoco_18, Zaider_19, Zelda_18, Zenteno07_23, Zonia_18,

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

Genes that do not have the "Most Annotated" start:
• 39HC_016, 40BC_016, APunk_26, AWGoat_22, Abblin_24, Abt2graduatex2_17, Acadian_20, Affeca_23, Ahwei_17, Ailee_23, Ali17_22, Altheas_30, AluminumJesus_26, Amo99_50, Angelicage_23, Antares_30, Antihero_17, Apex_18, Ariadne_38, Arri_25, Artu_74, Ashertheman_24, Asis_16, Atuin_78, Austelle_19, Axumite_18, BabyDotz_27, BabyGotBac_16, BaconCheese_30, Baddon_23, Baee_20, Bakery_23, Barb_24, Barsten_24, Baumdotcom_23, BayC_16, BeagleBug_29, Beagle_30, Belphegor_21, BetaFish_29, Bibwit_24, BigHunkinEater_27, BirdInFrench_27, Bizzy_24, Blab_26, Bloom_87, BlueNGold_88,

BobBob_21, BobbyK_18, Boise_19, BooTeria_74, Boopy_89, Brandonk123_25, Brawn1_21, BrazzalePHS_29, BrownCNA_19, BruhMoment_24, Busephilis_29, CRB2_22, CandC_26, Casend_29, Caterpie_16, ChadMasterC_23, Charming_21, CherryCola_25, Chickadee_23, Chilliams_80, ChrisnMich_17, Cinna_25, ClamChowder_24, Clawz_49, ClearAsMud_32, Clown_26, ColdSoup_50, Cooper_18, CoveyB_24, Cranjis_31, CrazyRich_29, Cressida_27, Crisis_31, Danyall_24, Delrey21_24, Derg_19, Dexdert_24, DigitDog_21, DoctorFroggo_24, DogYard_29, DonTron_49, DonaldDuck_27, Donny_20, Dori_17, DunneganBoMo_73, EMoore_19, EarickHC_30, EastView9101_20, EdmundFerry_22, Egi03_22, Ellewin_72, Emmetator_76, Epah_17, Evaa_19, Evamon_22, EverythinBagel_27, Fanaw_18, Fireball_23, Fireman_30, Fitzgerald_21, Fizzles_28, Flatwoods_24, FloraSnap32_80, ForDig_16, Forrestell_26, Fortunato_18, Forza_89, Fosterous_21, FrankDeliGuy_25, Fransoyer_30, Frederick_18, Fregley_28, Fresco_18, FrostedClock_82, FuegoCuervo_26, Fugax_24, Funsized_22, FuzzBuster_34, GMA2_18, GTE6_23, Gaea_23, Galadriel_25, Ganandorf_29, Gazebo_27, Geodirt_22, Germa_31, Gezellig_22, GinPorsche_17, Glorp_31, GodonK_78, GoldenEssence_69, Grassboy_29, Grumio_49, Gustavo_23, Hally898_17, Halo3_23, Hangman_18, Hans_26, Heath_18, Hendrix_60, Hermeonysus_29, Hive_29, Honeyfin_31, Hosp_014, Hydro_18, Hyperion_27, Imvubu_15, Indlovu_18, Inspectinfecti_25, JAMaL_18, JKSyngboy_22, Jabberwocky_21, JaguarMi_19, Jambalaya_22, Jayden_31, Jefe_30, Jehoshaphat_30, JohnLord_17, JohnPork_22, Jolie1_016, Jollipop_30, Jollymon_49, JoyceMaria_18, Judebell_30, KSunshine22_78, KaiHaiDragon_30, Kamashten_24, KarasumaRum_22, KayaCho_16, Keitabear_25, Kelcole_26, Kewpiedoll_24, KillerQueen_28, KimmyK_24, KingstonB_47, Kithara_28, Knocker_22, Kowalski_29, Kozie_26, Kroos_24, Kubulix_30, Kwekel_23, Kwobi_25, Kyva_30, Lambano_17, Laure_85, Lennon_25, LeoJr_83, Leonard_24, Ligma_18, LilCahh_27, LilHam_21, LilMcDreamy_18, Lilbeanie_21, LittleDigger_17, LittleFortune_31, LittleMunchkin_19, Llemily_27, Lolalove_18, Lonelysoil_27, Love_25, Lucretia_30, Magpie_18, Maih_16, Makar_50, Mao1_16, Marcie_32, Mareelih_87, Margaery_25, Mashley_26, Mask_17, Matzah_26, McCrothy_24, McKinley_24, Megan_24, MelBins_25, MellowYellow_26, MementoMori_26, Mentos_30, Merry_, Metamorphoo_30, Mila11_30, Mimi_83, Minnow_17, Mischief19_24, MisoSoup_21, Mithril_18, MoontowerMania_22, MorillMayhem_28, Mudslide_18, Mutzi_24, Mysterious_20, Namago_28, Nanao_17, Nangang_20, Natkenzie_24, Nehemiah_19, Nicole72_25, Nikan_25, Nike_28, NoodlelyBoi_30, Nordenberg_18, Nubi_22, NyleyClemson_24, Odyssey395_31, Ollypop_27, OneinaGillian_27, Onika_29, Panchaali_76, Paries_24, Paschalis_29, Patbob_82, PenguinLover67_21, Pepe25_26, Phabia_28, Phauci_17, PhedwardCullen_29, Phelemich_20, Phendrix_76, Phinally_24, Phinky_34, Phlop_22, Phorgeous_29, Phrampa_75, Phrancesco_30, PhuzzTulsa_27, PierreOrion_30, PinkCoffee_24, PiperSansNom_30, Piperis_30, Pointis_29, Popstraw_27, Portcullis_22, Poster_17, Prince_18, Pulchra_31, PullumCavea_22, Pumpkiney_26, Pureglobe5_31, Purplicious_48, Quammi_26, QueenPie_18, Quesadilla_21, Quhwah_33, RIPWilbur_27, Racecar_84, RainyPolka_17, Ramiel05_29, Ranunculus_23, Rasputia_59, RawrgerThat_18, RazzB_25, Reccee_20, ReginaGlobina_83, Ren19_25, Renkei_17, Reprobate_20, Ribeye_24, Rich_20, Rinkes_22, Rita130_20, RiverRaider_24, Rizwana_22, RoadKill_21, RobinRose_29, RobsFeet_31, Rockabye_82, Rockwell_29, Rofo_23, RogerDodger_25, RomansRevenge_19, Romm_29, Rowlf_24, RubyRalph_30, Rudy_26, SJReid_86, SadLad_32, Saguaro_20, Salete_16, SallyK_29, Salvador_22, Sampson_24, Sanjuju_21, Saronaya_23, Savannah_29, Savbucketdawg_22, SchottB_22, Scioto_24, Scumberland_31, Sedona_25, Sejanus_17, Selwyn23_31, Sendy_23, Serendipitous_20, SharkTale_22, Shatter_18, Shenyu_20, Shinji_22,

Shivanishola_23, Shotgun_29, Shrubaron_30, SilentRX_24, Sillytadpoles_27, SirFrank_29, SirJeffery_20, Sitar_25, Sixama_83, Sixsevenium_23, SlySloth_30, Smarties_38, SmokingBunny_22, Soos_45, Spiderpig_27, Squash_30, Statler_29, Stewart25555_74, Stichling_22, Stillion_48, Sting_48, StinkyVeggy_22, StorminNorm_23, StrawberryJamm_30, Stultus_23, Suigeneris_20, Sunfish_35, Sunny_, TP1604_16, Talia1610_83, Tangent_21, Tangerine_23, Tank_23, Tardus_25, Teehee_29, Tempo_27, Terij_26, Thing3_24, Thonko_19, Tiamoceli_24, TillyBobJoe_22, Tissue_28, Togo_22, Tonitrus_35, TurkishDelight_21, Twister6_24, Twonlo_21, Tycho_23, Tyrumbra_28, Valary_25, VanDeWege_25, Verity_24, ViaConlectus_25, Viceroy_27, VioletZ_18, Vivi2_23, WaddleDee_71, Waleliano_18, Wayne3_29, WheelerS25_33, Wheelie_27, Wilca_27, Wilde_23, Wizard_22, Xincheng_18, Xkcd426_22, YDN12_17, Yeti_30, YorkOnyx_24, YungMoney_24, Zagie_28, Zapato_29, Zemanar_19, ZestyBestie_26, Zhafia_30, Zipp_24, Zitch_26, phiAsp2_16,

Summary by start number:

Start 13:
• Found in 20 of 779 (2.6%) of genes in pham
• Manual Annotations of this start: 11 of 679
• Called 85.0% of time when present
• Phage (with cluster) where this start called: Acadian_20 (B5), Baee_20 (B5), DigitDog_21 (B5), Donny_20 (B5), EastView9101_20 (B5), Mysterious_20 (B5), Nangang_20 (B5), Nehemiah_19 (B5), Phelemich_20 (B5), Reccee_20 (B5), Reprobate_20 (B5), Rich_20 (B5), Rita130_20 (B5), Serendipitous_20 (B5), Shenyu_20 (B5), SirJeffery_20 (B5), Suigeneris_20 (B5),

Start 14:
• Found in 9 of 779 (1.2%) of genes in pham
• No Manual Annotations of this start.
• Called 11.1% of time when present
• Phage (with cluster) where this start called: 40BC_016 (B6),

Start 16:
• Found in 28 of 779 (3.6%) of genes in pham
• Manual Annotations of this start: 24 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AWGoat_22 (AP4), Beagle_30 (AP2), BetaFish_29 (AP2), Boise_19 (FT), BruhMoment_24 (AP3), DogYard_29 (AP2), Forrestell_26 (AP2), Hive_29 (AP2), Kithara_28 (singleton), Kubulix_30 (AP2), MellowYellow_26 (AP2), Nikan_25 (AP2), NyleyClemson_24 (AP2), Odyssey395_31 (AP2), Ollypop_27 (AP2), PhuzzTulsa_27 (AP2), Pointis_29 (AP2), Popstraw_27 (AP2), Pureglobe5_31 (AP2), RIPWilbur_27 (AP2), Ranunculus_23 (AP), RazzB_25 (AP2), Ren19_25 (AP2), Rizwana_22 (AP1), RomansRevenge_19 (FT), SilentRX_24 (AP4), Tank_23 (AP1), Wilde_23 (AP1),

Start 18:
• Found in 1 of 779 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sunfish_35 (singleton),

Start 19:

• Found in 1 of 779 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FuzzBuster_34 (GM),

Start 21:
• Found in 21 of 779 (2.7%) of genes in pham
• Manual Annotations of this start: 20 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: APunk_26 (DE4), Abblin_24 (DE4), Chickadee_23 (DE3), Delrey21_24 (DE4), Dexdert_24 (DE3), DoctorFroggo_24 (DE4), EdmundFerry_22 (DE3), GTE6_23 (DE3), Gaea_23 (DE1), Kwekel_23 (DE3), Natkenzie_24 (DE4), RoadKill_21 (DE3), Sampson_24 (DE4), Scioto_24 (DE4), Tardus_25 (DE4), Tiamoceli_24 (DE3), Twonlo_21 (DE3), Tycho_23 (DE1), Verity_24 (DE4), YorkOnyx_24 (DE1), Zipp_24 (DE4),

Start 22:
• Found in 262 of 779 (33.6%) of genes in pham
• Manual Annotations of this start: 232 of 679
• Called 97.7% of time when present
• Phage (with cluster) where this start called: Affeca_23 (DE1), Ailee_23 (DE1), Ali17_22 (DE2), AluminumJesus_26 (EG), Angelicage_23 (DE1), Antares_30 (EC), Ariadne_38 (EC), Arri_25 (DC1), Artu_74 (FC), Ashertheman_24 (DE1), Atuin_78 (FC), BabyDotz_27 (EG), BaconCheese_30 (EG), Baddon_23 (DE1), Bakery_23 (DC1), Barb_24 (DC1), Barsten_24 (DE1), Baumdotcom_23 (DE1), BeagleBug_29 (EC), Belphegor_21 (DE2), Bibwit_24 (DE1), BigHunkinEater_27 (DE4), BirdInFrench_27 (EG), Bizzy_24 (DE1), Blab_26 (EG), Bloom_87 (FC), BlueNGold_88 (DS), BobBob_21 (DE1), BooTeria_74 (FC), Boopy_89 (DS), Brandonk123_25 (DE1), Brawn1_21 (DE1), BrazzalePHS_29 (EC), Busephilis_29 (EC), CandC_26 (EG), Casend_29 (EG), ChadMasterC_23 (DE1), Charming_21 (DE1), CherryCola_25 (DC1), Chilliams_80 (FC), Cinna_25 (EI), ClamChowder_24 (DC1), ClearAsMud_32 (EC), Clown_26 (DC2), CoveyB_24 (DC1), Cranjis_31 (EC), CrazyRich_29 (EC), Cressida_27 (EI), Crisis_31 (EC), Danyall_24 (DC1), Derg_19 (DE1), DonaldDuck_27 (EG), DunneganBoMo_73 (FC), EMoore_19 (DE2), EarickHC_30 (EC), Egi03_22 (DC1), Ellewin_72 (FC), Emmetator_76 (FC), Evamon_22 (DC1), EverythinBagel_27 (EG), Fireball_23 (DC1), Fireman_30 (EC), Fitzgerald_21 (DE1), Flatwoods_24 (DE1), FloraSnap32_80 (FC), Forza_89 (DS), Fosterous_21 (DE1), FrankDeliGuy_25 (EG), Fransoyer_30 (EG), Fregley_28 (EG), FrostedClock_82 (FC), FuegoCuervo_26 (DE1), Fugax_24 (DC1), GMA2_18 (DS), Galadriel_25 (DE1), Ganandorf_29 (EC), Gazebo_27 (EG), Geodirt_22 (DE1), Germa_31 (EC), Gezellig_22 (DC1), Glorp_31 (EC), GodonK_78 (DK), GoldenEssence_69 (FC), Grassboy_29 (EG), Gustavo_23 (DE1), Halo3_23 (DC1), Hans_26 (DE2), Hendrix_60 (GC), Hermeonysus_29 (EC), Honeyfin_31 (EC), Hyperion_27 (EG), Inspectinfecti_25 (DE2), JKSyngboy_22 (DE1), Jabberwocky_21 (DE1), Jambalaya_22 (DC1), Jayden_31 (EC), Jefe_30 (EC), Jehoshaphat_30 (EG), JohnPork_22 (DC1), Jollipop_30 (EC), Judebell_30 (EG), KSunshine22_78 (FC), KaiHaiDragon_30 (EC), Kamashten_24 (DE1), Keitabear_25 (DE1), Kelcole_26 (EG), Kewpiedoll_24 (DE1), KillerQueen_28 (EG), KimmyK_24 (DC1), Kowalski_29 (EC), Kozie_26 (EI), Kroos_24 (DE1), Kwobi_25 (DE1), Kyva_30 (EG), Laure_85 (UNK), Lennon_25 (DE1), LeoJr_83 (FC), Leonard_24 (DE2), LilHam_21 (DE1), Lilbeanie_21 (DE5), LittleFortune_31 (EC), Llemily_27 (EG), Lonelysoil_27 (EG), Love_25 (DE1), Lucretia_30 (EC), Marcie_32 (EG), Mareelih_87 (DS), Margaery_25 (EI), Mashley_26 (EG), Matzah_26 (EI), McCrothy_24 (DE1), McKinley_24 (DE1),

Megan_24 (EC), MelBins_25 (DE2), MementoMori_26 (EI), Merry_ (EC), Metamorphoo_30 (EC), Mila11_30 (EG), Mimi_83 (FC), MisoSoup_21 (GM), MoontowerMania_22 (DE1), MorillMayhem_28 (EG), Mutzi_24 (DC1), Namago_28 (EG), Nicole72_25 (EC), Nike_28 (EG), NoodlelyBoi_30 (EC), Nordenberg_18 (DE1), Nubi_22 (DC1), OneinaGillian_27 (EG), Onika_29 (EC), Panchaali_76 (FC), Paries_24 (DE1), Paschalis_29 (EC), Patbob_82 (FC), Pepe25_26 (EG), Phabia_28 (EG), Phauci_17 (DE2), PhedwardCullen_29 (EC), Phendrix_76 (DK), Phinally_24 (DE2), Phinky_34 (EG), Phlop_22 (DC1), Phorgeous_29 (EC), Phrampa_75 (FC), Phrancesco_30 (EC), PierreOrion_30 (EC), PinkCoffee_24 (DC1), PiperSansNom_30 (EC), Piperis_30 (EC), Portcullis_22 (DC1), Pulchra_31 (EC), PullumCavea_22 (DC1), Quammi_26 (EG), Quhwah_33 (EC), Racecar_84 (FC), Ramiel05_29 (EC), Rasputia_59 (GC), ReginaGlobina_83 (FC), Ribeye_24 (DE1), RiverRaider_24 (DE1), RobinRose_29 (EG), RobsFeet_31 (EC), Rockabye_82 (FC), Rockwell_29 (EC), Rofo_23 (DE1), RogerDodger_25 (DC1), Romm_29 (EG), Rowlf_24 (EG), RubyRalph_30 (EG), Rudy_26 (EG), SJReid_86 (FC), SadLad_32 (EG), SallyK_29 (EG), Salvador_22 (DC1), Sanjuju_21 (DE1), Saronaya_23 (DE1), Savannah_29 (EC), Savbucketdawg_22 (DC1), SchottB_22 (DE1), Scumberland_31 (EC), Sedona_25 (DE1), Selwyn23_31 (EC), Sendy_23 (DC1), SharkTale_22 (DC1), Shinji_22 (DC1), Shivanishola_23 (DE1), Shotgun_29 (EC), Shrubaron_30 (EC), Sillytadpoles_27 (EG), SirFrank_29 (EC), Sitar_25 (DE1), Sixama_83 (DS), Sixsevenium_23 (DC1), SlySloth_30 (EG), Smarties_38 (EC), SmokingBunny_22 (DC1), Spiderpig_27 (EG), Squash_30 (EG), Statler_29 (EG), Stewart25555_74 (FC), Stichling_22 (DE1), StorminNorm_23 (DE1), StrawberryJamm_30 (EG), Stultus_23 (DE1), Sunny_ (EC), Talia1610_83 (FC), Tangent_21 (DE1), Tangerine_23 (DE1), Teehee_29 (EG), Tempo_27 (EG), Terij_26 (EI), Thing3_24 (DE1), TillyBobJoe_22 (DC1), Tissue_28 (EG), Togo_22 (DC1), TurkishDelight_21 (singleton), Twister6_24 (DC1), Tyrumbra_28 (EC), Valary_25 (DC1), VanDeWege_25 (DC1), ViaConlectus_25 (DE4), Viceroy_27 (EG), Vivi2_23 (DE1), WaddleDee_71 (FC), Wayne3_29 (EG), WheelerS25_33 (EG), Wheelie_27 (EG), Wilca_27 (EG), Wizard_22 (DC1), Yeti_30 (EC), YungMoney_24 (DC1), Zagie_28 (EG), Zapato_29 (EC), Zhafia_30 (EG), Zitch_26 (DE4),

Start 23:
• Found in 14 of 779 (1.8%) of genes in pham
• Manual Annotations of this start: 13 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abt2graduatex2_17 (BG), Asis_16 (BG), BabyGotBac_16 (BG), BayC_16 (BG), Fizzles_28 (EG), Maih_16 (BG), Mischief19_24 (BG), RainyPolka_17 (BG), Salete_16 (BG), TP1604_16 (BG), Thonko_19 (B8), Xkcd426_22 (BG), YDN12_17 (BG), phiAsp2_16 (singleton),

Start 24:
• Found in 1 of 779 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Evaa_19 (DR),

Start 25:
• Found in 36 of 779 (4.6%) of genes in pham
• Manual Annotations of this start: 25 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ahwei_17 (B4), Antihero_17 (B4), Apex_18 (B4), Austelle_19 (B4), BobbyK_18 (B4), BrownCNA_19 (B4),

ChrisnMich_17 (B4), Cooper_18 (B4), Epah_17 (B4), Fanaw_18 (B4), Fortunato_18 (B4), Frederick_18 (B4), GinPorsche_17 (B4), Hally898_17 (B4), Hangman_18 (B4), Heath_18 (B4), Hydro_18 (B4), JAMaL_18 (B4), JaguarMi_19 (B4), JoyceMaria_18 (B4), Lambano_17 (B4), LittleDigger_17 (B4), Lolalove_18 (B4), Magpie_18 (B4), Mithril_18 (B4), Mudslide_18 (B4), Nanao_17 (B4), Poster_17 (B4), Prince_18 (B4), QueenPie_18 (B4), RawrgerThat_18 (B4), Renkei_17 (B4), VioletZ_18 (B4), Waleliano_18 (B4), Xincheng_18 (B4), Zemanar_19 (B4),

Start 26:
• Found in 356 of 779 (45.7%) of genes in pham
• Manual Annotations of this start: 321 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ABU_18 (B1), AbsoluteMadLad_17 (B1), Adriana_18 (B1), Aelin_17 (B1), AksarBAT_18 (DR), AlanGrant_19 (B4), Aleia_18 (B1), AltPhacts_18 (B1), Altwerkus_17 (B1), AnClar_18 (DR), AnarQue_20 (DR), Anderson_18 (B1), Andre_18 (B1), AngelCake_18 (B1), Antonia_17 (B1), Aonishiki_18 (B1), Apizium_17 (B1), Ashraf_17 (B1), Azuria_17 (B1), Badfish_18 (B1), Banjo_17 (B1), Basato_19 (B1), BatteryCK_17 (B1), Beaglebox_17 (B1), BiggityBass_17 (DR), BirdsNest_23 (B13), Bishoperium_17 (B1), BlackStallion_18 (B1), Blackpen_20 (DR), BlacksBerry_17 (B1), BlueHusk_18 (B1), Bluephacebaby_17 (B1), BobRoss2024_17 (DR), Boehler_18 (B1), BoogieWoogie_18 (B1), Brilliant_18 (B1), Buckeye_18 (B1), Burr_17 (B1), CaiB_20 (DR), CamL_18 (B1), CampRoach_18 (B1), Cannibal_18 (B1), Carthage_17 (B1), Caspiboi_17 (B1), Chaelin_17 (B1), Chah_18 (B1), Charles1_18 (B1), CharlieGBrown_17 (B1), CharlottesWeb_18 (DR), CheetO_18 (B1), Cher_17 (B1), Childish_17 (B1), Chipette_19 (B1), Chorkpop_18 (B1), Chuni_18 (B1), Chunky_18 (B1), Chute_18 (B1), CloverMinnie_20 (DR), Cobra_18 (B1), Coco2012_18 (DR), Colbert_18 (B1), Coldpizza_20 (DR), Coletti_18 (B1), Cornbread_17 (B1), Cornobble_17 (B1), Cosmolli16_17 (B1), Craff_18 (B1), Crownjwl_18 (B1), DaddyDaniels_18 (B1), Daffy_18 (B1), Daka_18 (B1), Dati_18 (B1), DelRivs_17 (B1), Derpp_17 (B1), Dice_17 (B1), Dingo_18 (B1), Dione_17 (B1), DirtJuice_18 (B1), Doddsville_18 (B1), DoesntMatter_18 (B1), DolOn_19 (B1), DonSanchon_17 (B1), DuchessDung_17 (B1), Duggie_17 (B1), Durga_18 (B1), ElvisPhasley_18 (B1), EmGer13_17 (B1), Emiris_18 (B1), EmpTee_18 (B1), Eremos_18 (B1), Etaye_18 (B1), Eugenia_18 (B1), Fang_18 (B1), FelixTres_20 (DR), Flake_18 (B1), FleetyMac_18 (B1), FluffyNinja_18 (B1), Fozzie_17 (B1), Frankicide_18 (B1), FremontTroll_17 (B1), Freya_17 (B1), FriarPreacher_18 (B1), Fringe_18 (B1), FugateOSU_17 (B1), Gareth_17 (B1), GeneCoco_18 (B1), Giraffe_18 (B1), Gophee_18 (B1), Grand2040_17 (B1), GreenChile_18 (B1), Gwennie1_18 (B1), Gwilliam_18 (B1), Gyarad_0018 (B1), HSavage_18 (B1), Haimas_18 (B1), Haleema_17 (B1), Hamish_18 (B1), Happabalu_18 (B1), Hartsy_18 (B1), Harvey_18 (B1), Hashim76_23 (B13), Hekos_17 (B1), Held_18 (B1), HenryJackson_17 (B1), Hertubise_18 (B1), Hetaeria_18 (B1), HighStump_17 (B1), Hocus_17 (B1), HogWash_17 (B1), Horchata_18 (B1), ImtiyazSitla_17 (B1), Inchworm_18 (B1), Inverness_18 (B1), Iridessa_18 (B1), Iridoclysis_18 (B1), IsaacEli_18 (B1), JDog_17 (B1), JacAttac_18 (B1), JakeO_17 (B1), JangoPhett_18 (B1), Jbug01_18 (B1), JellyBelly_18 (DR), Jesabah_18 (B1), Jillium_17 (B1), Jiminy_17 (B1), Jiraiya_17 (B1), KLucky39_18 (B1), Kahve_17 (B1), Kailash_18 (B1), Karn_17 (B1), Katniss_18 (B1), Keitherie_18 (B1), Khan1_17 (B1), Kikipoo_18 (B1), Kimbrough_18 (B1), KingTut_17 (B1), KingVeVeVe_18 (B1), Kiwot_17 (B1), KlimbOn_18 (B1), Kloppinator_18 (B1), Kwadwo_17 (B1), Kwksand96_17 (B1), Labeouficaum_17 (B1), Larson_19 (B1), LasagnaCat_18 (B1), Lasso_18 (B1), LeeLot_18 (B1), Lego3393_18 (B1), Legolas_17 (B1), Lehmann_18 (B1), LeiMonet_18 (B1), LemonSlice_18 (B1),

LittleMinkey_24 (B13), Longacauda_17 (B1), Lopsy_17 (B1), LostAndPhound_17 (B1), LuckyMarjie_17 (B1), Lulumae_17 (B1), Lulwa_18 (B1), Lumine_17 (B1), MRabcd_17 (B1), Mag7_17 (B1), Magic8_18 (B1), MakoManhole_20 (DR), Mana_17 (B1), Manad_17 (B1), Mariokart_18 (DR), Maru_17 (B1), Maskar_17 (B1), Matalotodo_18 (B1), Mcshane_17 (B1), Mecca_17 (B1), Megamind20_18 (B1), Megatron_18 (B1), Melc17_18 (B1), MelsMeow_17 (B1), Mesh1_18 (B1), Mesmerelda_17 (B1), MichaelPhcott_17 (B1), Mikota_18 (B1), MiniBoss_18 (B1), MitKao_18 (B1), Morgushi_18 (B1), Morty_18 (B1), Mosaic_17 (B1), MossRose_20 (DR), MrPhizzler_18 (B1), Mulan_17 (B1), Murdoc_18 (B1), Mutante_17 (B1), NHagos_18 (DR), Nacho_0018 (B1), Nathan_18 (B1), Nehme_17 (B1), Newman_18 (B1), NiaNia_18 (B1), Nicole21_18 (B1), Nigel_16 (B4), Nova1_17 (B1), Numberten_18 (B1), Nyala_17 (B1), OSmaximus_18 (B1), Olak_17 (B1), Oline_17 (B1), Olive_18 (B1), OliverWalter_18 (B1), Omniscient_18 (B1), OneBrain_18 (B1), Oosterbaan_18 (B1), Orfeu_17 (B1), Orion_18 (B1), Orwigg_17 (B1), PG1_18 (B1), Pacifista_17 (B1), PallasAthena_17 (B1), Phamished_18 (B1), Phareon_18 (B1), PhatCats2014_18 (B1), PhatLouie_18 (B1), PhenghisKhan_17 (B1), Pherdinand_18 (B1), Phergie_17 (B1), Phipps_18 (B1), Phleuron_17 (B1), PhrankReynolds_17 (B1), PhrodoBaggins_17 (B1), Phunky_18 (B1), Piglet_0017 (B1), Pine5_20 (singleton), PinheadLarry_18 (B1), Pinkman_17 (B1), Pipsqueak_18 (B1), Placalicious_17 (B1), Plata_17 (B1), Plmatters_18 (B1), Podrick_18 (B1), Pops_18 (B1), Potter_17 (B1), Prickles_18 (B1), ProfessorX_18 (B1), Puhltonio_18 (B1), QueenBeane_18 (B1), Quisquiliae_18 (B1), RedMaple_17 (B1), RedRaider89_19 (B1), Ricotta_17 (B1), Riggan_18 (B1), Rimu_18 (B1), Riverton_18 (B1), Robyn_17 (B1), Roliet_18 (B1), Roscoe_19 (B1), Roy17_18 (B1), SDcharge11_18 (B1), Salazzle_17 (B1), SallyH_18 (B1), Samaymay_18 (B1), SassyCat97_17 (B1), Schadenfreude_17 (B1), Schueller_17 (B1), Scoot17C_18 (B1), Scrick_17 (B1), Selr12_18 (B1), Septica_17 (B1), Serendipity_18 (B1), Serpentine_0018 (B1), ShadowBud_18 (B1), Sheila_18 (B1), ShiVal_18 (B1), Sigman_18 (B1), SilverBell_18 (B1), Simielle_17 (B1), SirBeauregard_17 (B1), Sisko_18 (DR), Skippy_18 (B1), Slatt_18 (B1), Soile_18 (B1), Solosis_17 (B1), Sophia_17 (B1), Soto_18 (B1), Sour_21 (DR), Spartan300_18 (B1), Squid_18 (B1), Squiggle_18 (B1), Stinger_16 (B4), Struggle_17 (B1), Suffolk_18 (B1), Surely_18 (B1), Swiphy_18 (B1), Swish_18 (B1), TPA2_27 (singleton), TallGrassMM_18 (B1), Taraxa_18 (B1), Telesworld_17 (B1), Thora_18 (B1), ThreeOh3D2_18 (B1), Thunderbird_17 (B1), Timmi_17 (B1), TomBombadil_18 (B1), Tomlarah_18 (B1), Toni_17 (B1), TooFast2Furius_19 (B1), Tooj_18 (B1), TraderJ_20 (DR), Triad_18 (B1), True_17 (B1), Trypo_18 (B1), TyrionL_17 (B1), UAch1_18 (B1), UncleHowie_18 (B1), Usavi_18 (B1), Vaishali24_17 (B1), Valjean_18 (B1), Vaticameos_18 (B1), Vectra_17 (B1), Veritas_17 (B1), Vincenzo_19 (B4), Virapocalypse_18 (B1), Virgeve_17 (B1), Vista_18 (B1), Vivaldi_18 (B1), Vortex_18 (B1), Wallhey_17 (B1), Waterdiva_18 (B1), Weher20_18 (B1), Windsor_17 (B1), Wooper_20 (DR), Xavier_17 (B1), Yago84_18 (DR), Yeshua_20 (DR), Yoshand_18 (B1), YouGoGlencoco_18 (B1), Zaider_19 (B1), Zelda_18 (B1), Zenteno07_23 (B13), Zonia_18 (B1),

Start 27:
• Found in 5 of 779 (0.6%) of genes in pham
• Manual Annotations of this start: 5 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Axumite_18 (DR), Fresco_18 (DR), Ligma_18 (DR), LittleMunchkin_19 (DR), Shatter_18 (DR),

Start 28:
• Found in 36 of 779 (4.6%) of genes in pham

• Manual Annotations of this start: 12 of 679
• Called 50.0% of time when present
• Phage (with cluster) where this start called: 39HC_016 (B6), CRB2_22 (B9), ForDig_16 (B6), Funsized_22 (B9), Hosp_014 (B6), Imvubu_15 (B10), Indlovu_18 (B11), Jolie1_016 (B6), KarasumaRum_22 (B5), KayaCho_16 (B6), Knocker_22 (B9), LilMcDreamy_18 (B12), Minnow_17 (B6), PenguinLover67_21 (B9), Quesadilla_21 (B9), Rinkes_22 (B9), Saguaro_20 (B7), StinkyVeggy_22 (B5),

Start 29:
• Found in 1 of 779 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Tonitrus_35 (singleton),

Start 30:
• Found in 12 of 779 (1.5%) of genes in pham
• Manual Annotations of this start: 7 of 679
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amo99_50 (CP), Clawz_49 (CP), ColdSoup_50 (CP), DonTron_49 (CP), Grumio_49 (CP), Jollymon_49 (CP), KingstonB_47 (CP), Makar_50 (CP), Purplicious_48 (CP), Soos_45 (CP), Stillion_48 (CP), Sting_48 (CP),

Start 31:
• Found in 50 of 779 (6.4%) of genes in pham
• Manual Annotations of this start: 4 of 679
• Called 12.0% of time when present
• Phage (with cluster) where this start called: Caterpie_16 (AD), Dori_17 (AD), JohnLord_17 (AD), Mao1_16 (AD), Mask_17 (AD), Sejanus_17 (AD),

Start 34:
• Found in 82 of 779 (10.5%) of genes in pham
• Manual Annotations of this start: 1 of 679
• Called 4.9% of time when present
• Phage (with cluster) where this start called: Altheas_30 (EG), LilCahh_27 (EG), Mentos_30 (EG), ZestyBestie_26 (EG),

Start 40:
• Found in 32 of 779 (4.1%) of genes in pham
• No Manual Annotations of this start.
• Called 3.1% of time when present
• Phage (with cluster) where this start called: Pumpkiney_26 (DE4),

Summary by clusters:

There are 38 clusters represented in this pham: singleton, BG, FT, DK, AP2, AP3, AP1, AP4, FC, B12, B13, B10, B11, DR, DS, UNK, EI, AD, EG, EC, AP, GC, GM, CP, DC2, DC1, DE1, DE2, DE3, DE4, DE5, B4, B5, B6, B7, B1, B8, B9,

Info for manual annotations of cluster AD:
•Start number 31 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AP:

•Start number 16 was manually annotated 1 time for cluster AP.

Info for manual annotations of cluster AP1:
•Start number 16 was manually annotated 3 times for cluster AP1.

Info for manual annotations of cluster AP2:
•Start number 16 was manually annotated 15 times for cluster AP2.

Info for manual annotations of cluster AP3:
•Start number 16 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:
•Start number 16 was manually annotated 2 times for cluster AP4.

Info for manual annotations of cluster B1:
•Start number 26 was manually annotated 297 times for cluster B1.

Info for manual annotations of cluster B10:
•Start number 28 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 28 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 28 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 26 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B4:
•Start number 25 was manually annotated 25 times for cluster B4.
•Start number 26 was manually annotated 4 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 13 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:
•Start number 28 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:
•Start number 28 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:
•Start number 23 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 28 was manually annotated 6 times for cluster B9.

Info for manual annotations of cluster BG:
•Start number 23 was manually annotated 11 times for cluster BG.

Info for manual annotations of cluster CP:
•Start number 30 was manually annotated 7 times for cluster CP.

Info for manual annotations of cluster DC1:
•Start number 22 was manually annotated 32 times for cluster DC1.

Info for manual annotations of cluster DC2:
•Start number 22 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:
•Start number 21 was manually annotated 3 times for cluster DE1.
•Start number 22 was manually annotated 50 times for cluster DE1.

Info for manual annotations of cluster DE2:
•Start number 22 was manually annotated 9 times for cluster DE2.

Info for manual annotations of cluster DE3:
•Start number 21 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:
•Start number 21 was manually annotated 10 times for cluster DE4.
•Start number 22 was manually annotated 3 times for cluster DE4.

Info for manual annotations of cluster DE5:
•Start number 22 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DK:
•Start number 22 was manually annotated 2 times for cluster DK.

Info for manual annotations of cluster DR:
•Start number 24 was manually annotated 1 time for cluster DR.
•Start number 26 was manually annotated 17 times for cluster DR.
•Start number 27 was manually annotated 5 times for cluster DR.

Info for manual annotations of cluster DS:
•Start number 22 was manually annotated 5 times for cluster DS.

Info for manual annotations of cluster EC:
•Start number 22 was manually annotated 47 times for cluster EC.

Info for manual annotations of cluster EG:
•Start number 22 was manually annotated 54 times for cluster EG.
•Start number 23 was manually annotated 1 time for cluster EG.
•Start number 34 was manually annotated 1 time for cluster EG.

Info for manual annotations of cluster EI:
•Start number 22 was manually annotated 7 times for cluster EI.

Info for manual annotations of cluster FC:
•Start number 22 was manually annotated 17 times for cluster FC.

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

Info for manual annotations of cluster GC:

•Start number 22 was manually annotated 2 times for cluster GC.

Info for manual annotations of cluster GM:
•Start number 19 was manually annotated 1 time for cluster GM.
•Start number 22 was manually annotated 1 time for cluster GM.

Gene Information:

Gene: 39HC_016 Start: 14982, Stop: 15791, Start Num: 28
Candidate Starts for 39HC_016:
(14, 14955), (20, 14973), (Start: 28 @14982 has 12 MA's), (54, 15111), (55, 15114), (72, 15225), (74, 15240), (75, 15246), (101, 15369), (132, 15537), (134, 15552), (135, 15567), (164, 15687), (170, 15708), (181, 15765), (185, 15780),

Gene: 40BC_016 Start: 14955, Stop: 15791, Start Num: 14
Candidate Starts for 40BC_016:
(14, 14955), (20, 14973), (Start: 28 @14982 has 12 MA's), (54, 15111), (55, 15114), (72, 15225), (74, 15240), (75, 15246), (101, 15369), (132, 15537), (134, 15552), (135, 15567), (164, 15687), (170, 15708), (181, 15765), (185, 15780),

Gene: ABU_18 Start: 14691, Stop: 15491, Start Num: 26
Candidate Starts for ABU_18:
(Start: 26 @14691 has 321 MA's), (42, 14754), (53, 14811), (54, 14820), (55, 14823), (69, 14919), (75, 14955), (101, 15072), (124, 15204), (128, 15219), (132, 15240), (135, 15270), (156, 15339), (164, 15390), (170, 15411), (180, 15465), (181, 15468),

Gene: APunk_26 Start: 19712, Stop: 20398, Start Num: 21
Candidate Starts for APunk_26:
(Start: 21 @19712 has 20 MA's), (37, 19751), (40, 19766), (51, 19826), (97, 20081), (158, 20348), (163, 20384),

Gene: AWGoat_22 Start: 16832, Stop: 17728, Start Num: 16
Candidate Starts for AWGoat_22:
(Start: 16 @16832 has 24 MA's), (37, 16874), (39, 16886), (47, 16928), (55, 16973), (60, 17006), (67, 17063), (83, 17144), (93, 17189), (97, 17207), (119, 17273), (123, 17291), (128, 17318), (142, 17390), (153, 17414), (173, 17522),

Gene: Abblin_24 Start: 18925, Stop: 19614, Start Num: 21
Candidate Starts for Abblin_24:
(6, 18841), (8, 18868), (Start: 21 @18925 has 20 MA's), (37, 18964), (40, 18979), (51, 19039), (97, 19294), (158, 19561), (163, 19597),

Gene: AbsoluteMadLad_17 Start: 14695, Stop: 15495, Start Num: 26
Candidate Starts for AbsoluteMadLad_17:
(Start: 26 @14695 has 321 MA's), (42, 14758), (53, 14815), (54, 14824), (55, 14827), (69, 14923), (75, 14959), (101, 15076), (124, 15208), (128, 15223), (132, 15244), (135, 15274), (156, 15343), (164, 15394), (170, 15415), (180, 15469), (181, 15472),

Gene: Abt2graduatex2_17 Start: 17436, Stop: 18131, Start Num: 23
Candidate Starts for Abt2graduatex2_17:

(Start: 23 @17436 has 13 MA's), (36, 17466), (37, 17469), (40, 17484), (49, 17526), (50, 17538), (53, 17553), (55, 17565), (56, 17571), (63, 17619), (75, 17697), (85, 17742), (100, 17808), (115, 17868), (129, 17928), (143, 18009), (148, 18021), (156, 18057), (158, 18066),

Gene: Acadian_20 Start: 16504, Stop: 17340, Start Num: 13
Candidate Starts for Acadian_20:
(2, 16393), (Start: 13 @16504 has 11 MA's), (Start: 28 @16537 has 12 MA's), (49, 16630), (51, 16645), (52, 16651), (54, 16666), (55, 16669), (58, 16687), (75, 16801), (132, 17086), (135, 17116), (151, 17155), (156, 17185), (170, 17257),

Gene: Adriana_18 Start: 14693, Stop: 15493, Start Num: 26
Candidate Starts for Adriana_18:
(Start: 26 @14693 has 321 MA's), (42, 14756), (53, 14813), (54, 14822), (55, 14825), (69, 14921), (75, 14957), (101, 15074), (124, 15206), (128, 15221), (132, 15242), (135, 15272), (156, 15341), (164, 15392), (170, 15413), (180, 15467), (181, 15470),

Gene: Aelin_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Aelin_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Affeca_23 Start: 18821, Stop: 19516, Start Num: 22
Candidate Starts for Affeca_23:
(Start: 22 @18821 has 232 MA's), (Start: 31 @18830 has 4 MA's), (37, 18860), (53, 18947), (65, 19022), (85, 19136), (97, 19193), (99, 19205), (107, 19226), (136, 19379), (143, 19403), (163, 19496), (167, 19511),

Gene: Ahwei_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for Ahwei_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Ailee_23 Start: 18735, Stop: 19430, Start Num: 22
Candidate Starts for Ailee_23:
(Start: 22 @18735 has 232 MA's), (Start: 31 @18744 has 4 MA's), (37, 18774), (53, 18861), (65, 18936), (85, 19050), (97, 19107), (99, 19119), (107, 19140), (136, 19293), (163, 19410), (167, 19425),

Gene: AksarBAT_18 Start: 14589, Stop: 15398, Start Num: 26
Candidate Starts for AksarBAT_18:
(Start: 26 @14589 has 321 MA's), (Start: 34 @14607 has 1 MA's), (49, 14682), (51, 14697), (54, 14718), (55, 14721), (61, 14766), (81, 14874), (83, 14892), (124, 15099), (132, 15135), (156, 15237), (170, 15309), (181, 15366),

Gene: AlanGrant_19 Start: 17209, Stop: 18015, Start Num: 26
Candidate Starts for AlanGrant_19:
(9, 17149), (Start: 26 @17209 has 321 MA's), (42, 17272), (53, 17329), (55, 17341), (58, 17359), (75, 17473), (81, 17494), (124, 17722), (132, 17758), (135, 17788), (150, 17824), (156, 17857), (159, 17869), (164, 17908), (181, 17986),

Gene: Aleia_18 Start: 14272, Stop: 15072, Start Num: 26
Candidate Starts for Aleia_18:

(Start: 26 @14272 has 321 MA's), (42, 14335), (53, 14392), (54, 14401), (55, 14404), (69, 14500), (75, 14536), (101, 14653), (124, 14785), (128, 14800), (132, 14821), (135, 14851), (156, 14920), (164, 14971), (180, 15046), (181, 15049),

Gene: Ali17_22 Start: 18134, Stop: 18820, Start Num: 22
Candidate Starts for Ali17_22:
(Start: 22 @18134 has 232 MA's), (37, 18173), (42, 18203), (53, 18260), (72, 18383), (75, 18404), (85, 18449), (97, 18503), (135, 18686), (137, 18692), (158, 18770), (160, 18776),

Gene: AltPhacts_18 Start: 14688, Stop: 15488, Start Num: 26
Candidate Starts for AltPhacts_18:
(Start: 26 @14688 has 321 MA's), (42, 14751), (53, 14808), (54, 14817), (55, 14820), (69, 14916), (75, 14952), (101, 15069), (124, 15201), (128, 15216), (132, 15237), (135, 15267), (156, 15336), (164, 15387), (170, 15408), (180, 15462), (181, 15465),

Gene: Altheas_30 Start: 17688, Stop: 18611, Start Num: 34
Candidate Starts for Altheas_30:
(Start: 22 @17664 has 232 MA's), (Start: 34 @17688 has 1 MA's), (43, 17736), (44, 17739), (123, 18150), (135, 18231), (136, 18234), (156, 18300), (164, 18351), (174, 18390), (179, 18420), (189, 18456), (192, 18492), (200, 18579),

Gene: Altwerkus_17 Start: 14388, Stop: 15188, Start Num: 26
Candidate Starts for Altwerkus_17:
(Start: 26 @14388 has 321 MA's), (42, 14451), (53, 14508), (54, 14517), (55, 14520), (69, 14616), (75, 14652), (101, 14769), (124, 14901), (128, 14916), (132, 14937), (135, 14967), (156, 15036), (164, 15087), (170, 15108), (180, 15162), (181, 15165),

Gene: AluminumJesus_26 Start: 17022, Stop: 17969, Start Num: 22
Candidate Starts for AluminumJesus_26:
(Start: 22 @17022 has 232 MA's), (Start: 34 @17046 has 1 MA's), (43, 17094), (52, 17142), (135, 17589), (136, 17592), (164, 17709), (189, 17814),

Gene: Amo99_50 Start: 27058, Stop: 27801, Start Num: 30
Candidate Starts for Amo99_50:
(Start: 30 @27058 has 7 MA's), (32, 27064), (49, 27148), (55, 27187), (62, 27238), (75, 27319), (80, 27337), (91, 27388), (92, 27394), (94, 27406), (110, 27493), (118, 27526), (124, 27565), (131, 27595), (156, 27703),

Gene: AnClar_18 Start: 15482, Stop: 16294, Start Num: 26
Candidate Starts for AnClar_18:
(7, 15413), (11, 15431), (Start: 26 @15482 has 321 MA's), (Start: 34 @15500 has 1 MA's), (49, 15575), (55, 15614), (75, 15746), (81, 15767), (94, 15833), (132, 16028), (156, 16130), (160, 16145), (170, 16202), (188, 16283),

Gene: AnarQue_20 Start: 16103, Stop: 16912, Start Num: 26
Candidate Starts for AnarQue_20:
(Start: 26 @16103 has 321 MA's), (Start: 34 @16121 has 1 MA's), (49, 16196), (55, 16235), (58, 16253), (61, 16280), (75, 16367), (81, 16388), (83, 16406), (85, 16412), (94, 16454), (132, 16649), (156, 16751), (170, 16823),

Gene: Anderson_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for Anderson_18:

(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: Andre_18 Start: 14682, Stop: 15482, Start Num: 26
Candidate Starts for Andre_18:
(Start: 26 @14682 has 321 MA's), (42, 14745), (53, 14802), (54, 14811), (55, 14814), (69, 14910), (75, 14946), (101, 15063), (124, 15195), (128, 15210), (132, 15231), (135, 15261), (156, 15330), (164, 15381), (170, 15402), (180, 15456), (181, 15459),

Gene: AngelCake_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for AngelCake_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (170, 15416), (180, 15470), (181, 15473),

Gene: Angelicage_23 Start: 19244, Stop: 19939, Start Num: 22
Candidate Starts for Angelicage_23:
(Start: 22 @19244 has 232 MA's), (Start: 31 @19253 has 4 MA's), (37, 19283), (53, 19370), (65, 19445), (85, 19559), (97, 19616), (99, 19628), (107, 19649), (136, 19802), (143, 19826), (163, 19919), (167, 19934),

Gene: Antares_30 Start: 17515, Stop: 18195, Start Num: 22
Candidate Starts for Antares_30:
(Start: 22 @17515 has 232 MA's), (46, 17602), (51, 17626), (62, 17701), (65, 17713), (72, 17761), (84, 17821), (115, 17950), (119, 17962), (128, 18010), (135, 18064), (156, 18124), (169, 18184),

Gene: Antihero_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for Antihero_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Antonia_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Antonia_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Aonishiki_18 Start: 14714, Stop: 15514, Start Num: 26
Candidate Starts for Aonishiki_18:
(Start: 26 @14714 has 321 MA's), (42, 14777), (53, 14834), (54, 14843), (55, 14846), (69, 14942), (75, 14978), (101, 15095), (124, 15227), (128, 15242), (132, 15263), (135, 15293), (156, 15362), (164, 15413), (170, 15434), (180, 15488), (181, 15491),

Gene: Apex_18 Start: 16618, Stop: 17424, Start Num: 25
Candidate Starts for Apex_18:
(Start: 25 @16618 has 25 MA's), (42, 16681), (54, 16747), (55, 16750), (58, 16768), (72, 16861), (75, 16882), (81, 16903), (97, 16981), (108, 17038), (124, 17131), (150, 17233), (156, 17266), (159, 17278), (160, 17281), (164, 17317),

Gene: Apizium_17 Start: 14428, Stop: 15228, Start Num: 26
Candidate Starts for Apizium_17:

(Start: 26 @14428 has 321 MA's), (42, 14491), (53, 14548), (54, 14557), (55, 14560), (69, 14656), (75, 14692), (101, 14809), (124, 14941), (128, 14956), (132, 14977), (135, 15007), (156, 15076), (164, 15127), (170, 15148), (180, 15202), (181, 15205),

Gene: Ariadne_38 Start: 19203, Stop: 19883, Start Num: 22
Candidate Starts for Ariadne_38:
(Start: 22 @19203 has 232 MA's), (43, 19275), (46, 19290), (51, 19314), (62, 19389), (65, 19401), (67, 19428), (72, 19449), (84, 19509), (115, 19638), (119, 19650), (128, 19698), (135, 19752), (156, 19812),

Gene: Arri_25 Start: 15837, Stop: 16523, Start Num: 22
Candidate Starts for Arri_25:
(Start: 22 @15837 has 232 MA's), (49, 15936), (75, 16107), (76, 16110), (102, 16230), (156, 16461),

Gene: Artu_74 Start: 47130, Stop: 47774, Start Num: 22
Candidate Starts for Artu_74:
(Start: 22 @47130 has 232 MA's), (44, 47205), (51, 47244), (75, 47400), (117, 47580), (144, 47703),

Gene: Ashertheman_24 Start: 18310, Stop: 19005, Start Num: 22
Candidate Starts for Ashertheman_24:
(8, 18250), (Start: 22 @18310 has 232 MA's), (37, 18349), (65, 18511), (97, 18682), (99, 18694), (163, 18985), (167, 19000),

Gene: Ashraf_17 Start: 14246, Stop: 15046, Start Num: 26
Candidate Starts for Ashraf_17:
(Start: 26 @14246 has 321 MA's), (42, 14309), (53, 14366), (54, 14375), (55, 14378), (69, 14474), (75, 14510), (101, 14627), (124, 14759), (128, 14774), (132, 14795), (135, 14825), (156, 14894), (164, 14945), (170, 14966), (180, 15020), (181, 15023),

Gene: Asis_16 Start: 16946, Stop: 17644, Start Num: 23
Candidate Starts for Asis_16:
(Start: 23 @16946 has 13 MA's), (36, 16976), (40, 16994), (49, 17036), (50, 17048), (53, 17063), (55, 17075), (72, 17186), (75, 17207), (85, 17252), (100, 17318), (112, 17363), (129, 17438), (135, 17486), (136, 17489), (143, 17519), (148, 17531), (156, 17567), (169, 17633),

Gene: Atuin_78 Start: 49765, Stop: 50412, Start Num: 22
Candidate Starts for Atuin_78:
(Start: 22 @49765 has 232 MA's), (75, 50035), (117, 50215), (139, 50326),

Gene: Austelle_19 Start: 17074, Stop: 17880, Start Num: 25
Candidate Starts for Austelle_19:
(Start: 25 @17074 has 25 MA's), (42, 17137), (54, 17203), (55, 17206), (58, 17224), (72, 17317), (75, 17338), (81, 17359), (97, 17437), (108, 17494), (124, 17587), (150, 17689), (156, 17722), (159, 17734), (160, 17737), (164, 17773),

Gene: Axumite_18 Start: 14690, Stop: 15502, Start Num: 27
Candidate Starts for Axumite_18:
(Start: 27 @14690 has 5 MA's), (Start: 34 @14708 has 1 MA's), (49, 14783), (53, 14810), (55, 14822), (61, 14867), (75, 14954), (81, 14975), (124, 15200), (131, 15230), (132, 15236), (156, 15338), (170, 15410), (181, 15467),

Gene: Azuria_17 Start: 14710, Stop: 15510, Start Num: 26
Candidate Starts for Azuria_17:

(Start: 26 @14710 has 321 MA's), (42, 14773), (53, 14830), (54, 14839), (55, 14842), (69, 14938), (75, 14974), (101, 15091), (124, 15223), (128, 15238), (132, 15259), (135, 15289), (156, 15358), (164, 15409), (170, 15430), (180, 15484), (181, 15487),

Gene: BabyDotz_27 Start: 17291, Stop: 18238, Start Num: 22
Candidate Starts for BabyDotz_27:
(Start: 22 @17291 has 232 MA's), (Start: 34 @17315 has 1 MA's), (43, 17363), (52, 17411), (135, 17858), (136, 17861), (164, 17978), (189, 18083),

Gene: BabyGotBac_16 Start: 16946, Stop: 17644, Start Num: 23
Candidate Starts for BabyGotBac_16:
(Start: 23 @16946 has 13 MA's), (36, 16976), (40, 16994), (49, 17036), (50, 17048), (53, 17063), (55, 17075), (72, 17186), (75, 17207), (85, 17252), (100, 17318), (112, 17363), (129, 17438), (135, 17486), (136, 17489), (143, 17519), (148, 17531), (156, 17567), (169, 17633),

Gene: BaconCheese_30 Start: 18540, Stop: 19487, Start Num: 22
Candidate Starts for BaconCheese_30:
(Start: 22 @18540 has 232 MA's), (Start: 34 @18564 has 1 MA's), (43, 18612), (52, 18660), (135, 19107), (136, 19110), (164, 19227), (189, 19332),

Gene: Baddon_23 Start: 19126, Stop: 19821, Start Num: 22
Candidate Starts for Baddon_23:
(Start: 22 @19126 has 232 MA's), (37, 19165), (65, 19327), (97, 19498), (99, 19510), (136, 19684), (163, 19801), (167, 19816),

Gene: Badfish_18 Start: 14717, Stop: 15517, Start Num: 26
Candidate Starts for Badfish_18:
(Start: 26 @14717 has 321 MA's), (42, 14780), (53, 14837), (54, 14846), (55, 14849), (69, 14945), (75, 14981), (101, 15098), (124, 15230), (128, 15245), (132, 15266), (135, 15296), (156, 15365), (164, 15416), (170, 15437), (180, 15491), (181, 15494),

Gene: Baee_20 Start: 16638, Stop: 17474, Start Num: 13
Candidate Starts for Baee_20:
(1, 16467), (Start: 13 @16638 has 11 MA's), (Start: 28 @16671 has 12 MA's), (49, 16764), (51, 16779), (54, 16800), (55, 16803), (58, 16821), (75, 16935), (132, 17220), (135, 17250), (156, 17319), (164, 17370), (170, 17391),

Gene: Bakery_23 Start: 15025, Stop: 15711, Start Num: 22
Candidate Starts for Bakery_23:
(Start: 22 @15025 has 232 MA's), (49, 15124), (75, 15295), (76, 15298), (134, 15559), (143, 15601), (155, 15646), (156, 15649),

Gene: Banjo_17 Start: 14395, Stop: 15195, Start Num: 26
Candidate Starts for Banjo_17:
(Start: 26 @14395 has 321 MA's), (42, 14458), (53, 14515), (54, 14524), (55, 14527), (69, 14623), (75, 14659), (101, 14776), (124, 14908), (128, 14923), (132, 14944), (135, 14974), (156, 15043), (164, 15094), (170, 15115), (180, 15169), (181, 15172),

Gene: Barb_24 Start: 15824, Stop: 16510, Start Num: 22
Candidate Starts for Barb_24:
(Start: 22 @15824 has 232 MA's), (49, 15923), (75, 16094), (76, 16097), (102, 16217), (155, 16445), (156, 16448),

Gene: Barsten_24 Start: 18741, Stop: 19436, Start Num: 22
Candidate Starts for Barsten_24:
(Start: 22 @18741 has 232 MA's), (Start: 31 @18750 has 4 MA's), (37, 18780), (53, 18867), (65, 18942), (72, 18990), (85, 19056), (97, 19113), (99, 19125), (107, 19146), (136, 19299), (163, 19416), (167, 19431),

Gene: Basato_19 Start: 14921, Stop: 15721, Start Num: 26
Candidate Starts for Basato_19:
(Start: 26 @14921 has 321 MA's), (42, 14984), (53, 15041), (54, 15050), (55, 15053), (69, 15149), (75, 15185), (101, 15302), (124, 15434), (128, 15449), (132, 15470), (135, 15500), (156, 15569), (164, 15620), (170, 15641), (180, 15695), (181, 15698),

Gene: BatteryCK_17 Start: 14252, Stop: 15052, Start Num: 26
Candidate Starts for BatteryCK_17:
(Start: 26 @14252 has 321 MA's), (42, 14315), (53, 14372), (54, 14381), (55, 14384), (69, 14480), (75, 14516), (101, 14633), (124, 14765), (128, 14780), (132, 14801), (135, 14831), (156, 14900), (164, 14951), (180, 15026), (181, 15029),

Gene: Baumdotcom_23 Start: 17926, Stop: 18621, Start Num: 22
Candidate Starts for Baumdotcom_23:
(8, 17866), (Start: 22 @17926 has 232 MA's), (37, 17965), (65, 18127), (97, 18298), (99, 18310), (163, 18601), (167, 18616),

Gene: BayC_16 Start: 16946, Stop: 17644, Start Num: 23
Candidate Starts for BayC_16:
(Start: 23 @16946 has 13 MA's), (36, 16976), (40, 16994), (49, 17036), (50, 17048), (53, 17063), (55, 17075), (72, 17186), (75, 17207), (85, 17252), (100, 17318), (112, 17363), (129, 17438), (135, 17486), (136, 17489), (143, 17519), (148, 17531), (156, 17567), (169, 17633),

Gene: Beagle_30 Start: 17252, Stop: 18172, Start Num: 16
Candidate Starts for Beagle_30:
(Start: 16 @17252 has 24 MA's), (47, 17351), (49, 17357), (50, 17369), (53, 17384), (72, 17507), (81, 17549), (93, 17612), (115, 17708), (120, 17723), (130, 17774), (157, 17888), (158, 17894), (161, 17912), (163, 17930), (176, 17996), (196, 18092),

Gene: BeagleBug_29 Start: 17296, Stop: 17976, Start Num: 22
Candidate Starts for BeagleBug_29:
(Start: 22 @17296 has 232 MA's), (46, 17383), (51, 17407), (62, 17482), (65, 17494), (72, 17542), (84, 17602), (115, 17731), (119, 17743), (128, 17791), (135, 17845), (156, 17905), (169, 17965),

Gene: Beaglebox_17 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for Beaglebox_17:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: Belphegor_21 Start: 17203, Stop: 17895, Start Num: 22
Candidate Starts for Belphegor_21:
(Start: 22 @17203 has 232 MA's), (37, 17242), (53, 17329), (85, 17518), (97, 17572), (135, 17755), (158, 17839), (160, 17845), (163, 17875),

Gene: BetaFish_29 Start: 17455, Stop: 18375, Start Num: 16
Candidate Starts for BetaFish_29:

(Start: 16 @17455 has 24 MA's), (47, 17554), (49, 17560), (50, 17572), (53, 17587), (72, 17710), (81, 17752), (93, 17815), (115, 17911), (120, 17926), (130, 17977), (157, 18091), (158, 18097), (161, 18115), (163, 18133), (176, 18199), (196, 18295),

Gene: Bibwit_24 Start: 18983, Stop: 19678, Start Num: 22
Candidate Starts for Bibwit_24:
(Start: 22 @18983 has 232 MA's), (Start: 31 @18992 has 4 MA's), (37, 19022), (53, 19109), (65, 19184), (72, 19232), (97, 19355), (99, 19367), (107, 19388), (136, 19541), (163, 19658), (167, 19673),

Gene: BigHunkinEater_27 Start: 18094, Stop: 18783, Start Num: 22
Candidate Starts for BigHunkinEater_27:
(6, 18010), (8, 18037), (14, 18073), (Start: 22 @18094 has 232 MA's), (37, 18133), (40, 18148), (51, 18208), (97, 18463), (158, 18730), (163, 18766),

Gene: BiggityBass_17 Start: 14580, Stop: 15392, Start Num: 26
Candidate Starts for BiggityBass_17:
(Start: 26 @14580 has 321 MA's), (Start: 34 @14598 has 1 MA's), (49, 14673), (55, 14712), (61, 14757), (75, 14844), (81, 14865), (94, 14931), (132, 15126), (156, 15228), (170, 15300), (188, 15381),

Gene: BirdInFrench_27 Start: 16100, Stop: 17041, Start Num: 22
Candidate Starts for BirdInFrench_27:
(Start: 22 @16100 has 232 MA's), (38, 16145), (49, 16199), (91, 16439), (136, 16667), (160, 16745), (164, 16781), (175, 16835), (198, 16979), (201, 17021),

Gene: BirdsNest_23 Start: 15668, Stop: 16468, Start Num: 26
Candidate Starts for BirdsNest_23:
(Start: 26 @15668 has 321 MA's), (42, 15731), (54, 15797), (55, 15800), (72, 15911), (75, 15932), (101, 16049), (108, 16088), (156, 16316), (166, 16373),

Gene: Bishoperium_17 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for Bishoperium_17:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: Bizzy_24 Start: 18277, Stop: 18972, Start Num: 22
Candidate Starts for Bizzy_24:
(Start: 22 @18277 has 232 MA's), (37, 18316), (65, 18478), (97, 18649), (99, 18661), (136, 18835), (163, 18952), (167, 18967),

Gene: Blab_26 Start: 16947, Stop: 17894, Start Num: 22
Candidate Starts for Blab_26:
(Start: 22 @16947 has 232 MA's), (Start: 34 @16971 has 1 MA's), (43, 17019), (52, 17067), (135, 17514), (136, 17517), (164, 17634), (189, 17739),

Gene: BlackStallion_18 Start: 14703, Stop: 15503, Start Num: 26
Candidate Starts for BlackStallion_18:
(Start: 26 @14703 has 321 MA's), (42, 14766), (53, 14823), (54, 14832), (55, 14835), (69, 14931), (75, 14967), (101, 15084), (124, 15216), (128, 15231), (132, 15252), (135, 15282), (156, 15351), (164, 15402), (170, 15423), (180, 15477), (181, 15480),

Gene: Blackpen_20 Start: 15520, Stop: 16329, Start Num: 26
Candidate Starts for Blackpen_20:

(Start: 26 @15520 has 321 MA's), (Start: 34 @15538 has 1 MA's), (49, 15613), (55, 15652), (61, 15697), (75, 15784), (81, 15805), (83, 15823), (85, 15829), (94, 15871), (132, 16066), (156, 16168), (170, 16240), (181, 16297),

Gene: BlacksBerry_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for BlacksBerry_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Bloom_87 Start: 51166, Stop: 51822, Start Num: 22
Candidate Starts for Bloom_87:
(Start: 22 @51166 has 232 MA's), (61, 51349), (75, 51436), (117, 51616), (124, 51652), (125, 51655),

Gene: BlueHusk_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for BlueHusk_18:
(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: BlueNGold_88 Start: 44419, Stop: 45063, Start Num: 22
Candidate Starts for BlueNGold_88:
(Start: 22 @44419 has 232 MA's), (38, 44461), (51, 44530), (117, 44866), (123, 44890), (124, 44902), (125, 44905), (133, 44944),

Gene: Bluephacebaby_17 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for Bluephacebaby_17:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: BobBob_21 Start: 17644, Stop: 18339, Start Num: 22
Candidate Starts for BobBob_21:
(Start: 22 @17644 has 232 MA's), (Start: 31 @17653 has 4 MA's), (37, 17683), (53, 17770), (65, 17845), (85, 17959), (97, 18016), (99, 18028), (107, 18049), (136, 18202), (143, 18226), (163, 18319), (167, 18334),

Gene: BobRoss2024_17 Start: 14469, Stop: 15278, Start Num: 26
Candidate Starts for BobRoss2024_17:
(Start: 26 @14469 has 321 MA's), (Start: 34 @14487 has 1 MA's), (49, 14562), (55, 14601), (71, 14703), (75, 14733), (81, 14754), (132, 15015), (135, 15045), (156, 15117), (170, 15189),

Gene: BobbyK_18 Start: 16437, Stop: 17243, Start Num: 25
Candidate Starts for BobbyK_18:
(Start: 25 @16437 has 25 MA's), (42, 16500), (54, 16566), (55, 16569), (58, 16587), (72, 16680), (75, 16701), (81, 16722), (97, 16800), (108, 16857), (124, 16950), (150, 17052), (156, 17085), (159, 17097), (160, 17100), (164, 17136),

Gene: Boehler_18 Start: 14711, Stop: 15511, Start Num: 26
Candidate Starts for Boehler_18:
(Start: 26 @14711 has 321 MA's), (42, 14774), (53, 14831), (54, 14840), (55, 14843), (69, 14939), (75, 14975), (101, 15092), (124, 15224), (128, 15239), (132, 15260), (135, 15290), (156, 15359), (164, 15410), (170, 15431), (180, 15485), (181, 15488),

Gene: Boise_19 Start: 14509, Stop: 15429, Start Num: 16
Candidate Starts for Boise_19:
(Start: 16 @14509 has 24 MA's), (93, 14866), (107, 14914), (130, 15028), (135, 15073), (153, 15115), (156, 15139), (157, 15142), (161, 15166), (164, 15190), (178, 15253), (189, 15283), (196, 15343),

Gene: BooTeria_74 Start: 47198, Stop: 47842, Start Num: 22
Candidate Starts for BooTeria_74:
(Start: 22 @47198 has 232 MA's), (44, 47273), (51, 47312), (75, 47468), (117, 47648), (144, 47771),

Gene: BoogieWoogie_18 Start: 14388, Stop: 15188, Start Num: 26
Candidate Starts for BoogieWoogie_18:
(Start: 26 @14388 has 321 MA's), (42, 14451), (53, 14508), (54, 14517), (55, 14520), (69, 14616), (75, 14652), (101, 14769), (124, 14901), (128, 14916), (132, 14937), (135, 14967), (156, 15036), (164, 15087), (170, 15108), (180, 15162), (181, 15165),

Gene: Boopy_89 Start: 44431, Stop: 45075, Start Num: 22
Candidate Starts for Boopy_89:
(Start: 22 @44431 has 232 MA's), (38, 44473), (51, 44542), (117, 44878), (123, 44902), (124, 44914), (125, 44917), (133, 44956),

Gene: Brandonk123_25 Start: 18299, Stop: 18994, Start Num: 22
Candidate Starts for Brandonk123_25:
(Start: 22 @18299 has 232 MA's), (Start: 31 @18308 has 4 MA's), (37, 18338), (53, 18425), (65, 18500), (72, 18548), (85, 18614), (97, 18671), (99, 18683), (107, 18704), (136, 18857), (163, 18974), (167, 18989),

Gene: Brawn1_21 Start: 18019, Stop: 18714, Start Num: 22
Candidate Starts for Brawn1_21:
(Start: 22 @18019 has 232 MA's), (Start: 31 @18028 has 4 MA's), (37, 18058), (53, 18145), (65, 18220), (72, 18268), (85, 18334), (97, 18391), (99, 18403), (107, 18424), (136, 18577), (143, 18601), (163, 18694), (167, 18709),

Gene: BrazzalePHS_29 Start: 17310, Stop: 17990, Start Num: 22
Candidate Starts for BrazzalePHS_29:
(Start: 22 @17310 has 232 MA's), (46, 17397), (51, 17421), (62, 17496), (65, 17508), (72, 17556), (84, 17616), (115, 17745), (119, 17757), (128, 17805), (135, 17859), (156, 17919), (169, 17979),

Gene: Brilliant_18 Start: 14405, Stop: 15205, Start Num: 26
Candidate Starts for Brilliant_18:
(Start: 26 @14405 has 321 MA's), (42, 14468), (53, 14525), (54, 14534), (55, 14537), (69, 14633), (75, 14669), (101, 14786), (124, 14918), (128, 14933), (132, 14954), (135, 14984), (156, 15053), (164, 15104), (170, 15125), (180, 15179), (181, 15182),

Gene: BrownCNA_19 Start: 16691, Stop: 17497, Start Num: 25
Candidate Starts for BrownCNA_19:
(Start: 25 @16691 has 25 MA's), (42, 16754), (54, 16820), (55, 16823), (58, 16841), (72, 16934), (75, 16955), (81, 16976), (105, 17093), (108, 17111), (124, 17204), (135, 17270), (150, 17306), (156, 17339), (159, 17351), (160, 17354), (164, 17390),

Gene: BruhMoment_24 Start: 16745, Stop: 17665, Start Num: 16
Candidate Starts for BruhMoment_24:

(Start: 16 @16745 has 24 MA's), (50, 16862), (53, 16877), (64, 16946), (72, 17000), (75, 17021), (81, 17042), (85, 17066), (115, 17201), (123, 17231), (135, 17312), (140, 17321), (157, 17381), (158, 17387), (163, 17423), (176, 17489),

Gene: Buckeye_18 Start: 14719, Stop: 15519, Start Num: 26
Candidate Starts for Buckeye_18:
(Start: 26 @14719 has 321 MA's), (42, 14782), (53, 14839), (54, 14848), (55, 14851), (69, 14947), (75, 14983), (101, 15100), (124, 15232), (128, 15247), (132, 15268), (135, 15298), (156, 15367), (164, 15418), (170, 15439), (180, 15493), (181, 15496),

Gene: Burr_17 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for Burr_17:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: Busephilis_29 Start: 17246, Stop: 17926, Start Num: 22
Candidate Starts for Busephilis_29:
(Start: 22 @17246 has 232 MA's), (46, 17333), (51, 17357), (62, 17432), (65, 17444), (72, 17492), (84, 17552), (115, 17681), (119, 17693), (128, 17741), (135, 17795), (156, 17855),

Gene: CRB2_22 Start: 17928, Stop: 18728, Start Num: 28
Candidate Starts for CRB2_22:
(Start: 28 @17928 has 12 MA's), (42, 17994), (49, 18024), (55, 18063), (62, 18114), (72, 18174), (73, 18186), (75, 18195), (81, 18216), (84, 18237), (94, 18282), (119, 18414), (137, 18516), (156, 18579), (164, 18624), (185, 18717),

Gene: CaiB_20 Start: 16088, Stop: 16897, Start Num: 26
Candidate Starts for CaiB_20:
(Start: 26 @16088 has 321 MA's), (Start: 34 @16106 has 1 MA's), (49, 16181), (55, 16220), (61, 16265), (75, 16352), (81, 16373), (83, 16391), (85, 16397), (94, 16439), (132, 16634), (156, 16736), (170, 16808), (181, 16865),

Gene: CamL_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for CamL_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: CampRoach_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for CampRoach_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: CandC_26 Start: 15681, Stop: 16622, Start Num: 22
Candidate Starts for CandC_26:
(Start: 22 @15681 has 232 MA's), (38, 15726), (91, 16020), (128, 16191), (135, 16245), (136, 16248), (160, 16326), (173, 16395), (174, 16401), (175, 16416), (198, 16560),

Gene: Cannibal_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for Cannibal_18:

(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: Carthage_17 Start: 14362, Stop: 15162, Start Num: 26
Candidate Starts for Carthage_17:
(Start: 26 @14362 has 321 MA's), (42, 14425), (53, 14482), (54, 14491), (55, 14494), (69, 14590), (75, 14626), (101, 14743), (124, 14875), (128, 14890), (132, 14911), (135, 14941), (156, 15010), (164, 15061), (170, 15082), (180, 15136), (181, 15139),

Gene: Casend_29 Start: 17700, Stop: 18647, Start Num: 22
Candidate Starts for Casend_29:
(Start: 22 @17700 has 232 MA's), (Start: 34 @17724 has 1 MA's), (43, 17772), (52, 17820), (136, 18270), (164, 18387), (189, 18492), (197, 18567),

Gene: Caspiboi_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Caspiboi_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (180, 15180), (181, 15183),

Gene: Caterpie_16 Start: 13512, Stop: 14315, Start Num: 31
Candidate Starts for Caterpie_16:
(Start: 31 @13512 has 4 MA's), (33, 13524), (36, 13539), (38, 13548), (40, 13557), (55, 13641), (62, 13692), (81, 13794), (82, 13797), (86, 13824), (95, 13863), (97, 13872), (109, 13941), (121, 14004), (151, 14130), (160, 14184), (184, 14301),

Gene: ChadMasterC_23 Start: 18709, Stop: 19404, Start Num: 22
Candidate Starts for ChadMasterC_23:
(Start: 22 @18709 has 232 MA's), (Start: 31 @18718 has 4 MA's), (37, 18748), (53, 18835), (65, 18910), (72, 18958), (97, 19081), (99, 19093), (107, 19114), (136, 19267), (163, 19384),

Gene: Chaelin_17 Start: 14366, Stop: 15166, Start Num: 26
Candidate Starts for Chaelin_17:
(Start: 26 @14366 has 321 MA's), (42, 14429), (53, 14486), (54, 14495), (55, 14498), (69, 14594), (75, 14630), (101, 14747), (124, 14879), (128, 14894), (132, 14915), (135, 14945), (156, 15014), (164, 15065), (170, 15086), (180, 15140), (181, 15143),

Gene: Chah_18 Start: 14718, Stop: 15518, Start Num: 26
Candidate Starts for Chah_18:
(Start: 26 @14718 has 321 MA's), (42, 14781), (53, 14838), (54, 14847), (55, 14850), (69, 14946), (75, 14982), (101, 15099), (124, 15231), (128, 15246), (132, 15267), (135, 15297), (156, 15366), (164, 15417), (170, 15438), (180, 15492), (181, 15495),

Gene: Charles1_18 Start: 14681, Stop: 15481, Start Num: 26
Candidate Starts for Charles1_18:
(Start: 26 @14681 has 321 MA's), (42, 14744), (53, 14801), (54, 14810), (55, 14813), (69, 14909), (75, 14945), (101, 15062), (124, 15194), (128, 15209), (132, 15230), (135, 15260), (156, 15329), (164, 15380), (170, 15401), (180, 15455), (181, 15458),

Gene: CharlieGBrown_17 Start: 14270, Stop: 15070, Start Num: 26
Candidate Starts for CharlieGBrown_17:

(Start: 26 @14270 has 321 MA's), (42, 14333), (53, 14390), (54, 14399), (55, 14402), (69, 14498), (75, 14534), (101, 14651), (124, 14783), (128, 14798), (132, 14819), (135, 14849), (156, 14918), (164, 14969), (180, 15044), (181, 15047),

Gene: CharlottesWeb_18 Start: 14586, Stop: 15398, Start Num: 26
Candidate Starts for CharlottesWeb_18:
(Start: 26 @14586 has 321 MA's), (Start: 34 @14604 has 1 MA's), (55, 14718), (62, 14769), (75, 14850), (81, 14871), (83, 14889), (120, 15069), (131, 15126), (132, 15132), (151, 15204), (156, 15234), (170, 15306), (181, 15363),

Gene: Charming_21 Start: 17601, Stop: 18296, Start Num: 22
Candidate Starts for Charming_21:
(Start: 22 @17601 has 232 MA's), (Start: 31 @17610 has 4 MA's), (37, 17640), (53, 17727), (65, 17802), (85, 17916), (97, 17973), (99, 17985), (107, 18006), (136, 18159), (143, 18183), (163, 18276), (167, 18291),

Gene: CheetO_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for CheetO_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Cher_17 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for Cher_17:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: CherryCola_25 Start: 16032, Stop: 16718, Start Num: 22
Candidate Starts for CherryCola_25:
(Start: 22 @16032 has 232 MA's), (53, 16158), (76, 16305), (102, 16425), (135, 16581), (143, 16608), (155, 16653), (156, 16656),

Gene: Chickadee_23 Start: 17163, Stop: 17858, Start Num: 21
Candidate Starts for Chickadee_23:
(Start: 21 @17163 has 20 MA's), (Start: 31 @17172 has 4 MA's), (37, 17202), (49, 17262), (51, 17277), (53, 17289), (75, 17433), (97, 17532), (99, 17544), (121, 17628), (135, 17715), (158, 17799),

Gene: Childish_17 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for Childish_17:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: Chilliams_80 Start: 52992, Stop: 53651, Start Num: 22
Candidate Starts for Chilliams_80:
(Start: 22 @52992 has 232 MA's), (87, 53328), (117, 53454), (152, 53592),

Gene: Chipette_19 Start: 14922, Stop: 15722, Start Num: 26
Candidate Starts for Chipette_19:
(Start: 26 @14922 has 321 MA's), (42, 14985), (53, 15042), (54, 15051), (55, 15054), (69, 15150), (75, 15186), (101, 15303), (124, 15435), (128, 15450), (132, 15471), (135, 15501), (156, 15570), (164, 15621), (170, 15642), (180, 15696), (181, 15699),

Gene: Chorkpop_18 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for Chorkpop_18:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: ChrisnMich_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for ChrisnMich_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Chuni_18 Start: 14715, Stop: 15515, Start Num: 26
Candidate Starts for Chuni_18:
(Start: 26 @14715 has 321 MA's), (42, 14778), (53, 14835), (54, 14844), (55, 14847), (69, 14943), (75, 14979), (101, 15096), (124, 15228), (128, 15243), (132, 15264), (135, 15294), (156, 15363), (164, 15414), (170, 15435), (180, 15489), (181, 15492),

Gene: Chunky_18 Start: 14711, Stop: 15511, Start Num: 26
Candidate Starts for Chunky_18:
(Start: 26 @14711 has 321 MA's), (42, 14774), (53, 14831), (54, 14840), (55, 14843), (69, 14939), (75, 14975), (101, 15092), (124, 15224), (128, 15239), (132, 15260), (135, 15290), (156, 15359), (164, 15410), (170, 15431), (180, 15485), (181, 15488),

Gene: Chute_18 Start: 14714, Stop: 15514, Start Num: 26
Candidate Starts for Chute_18:
(Start: 26 @14714 has 321 MA's), (42, 14777), (53, 14834), (54, 14843), (55, 14846), (69, 14942), (75, 14978), (101, 15095), (124, 15227), (128, 15242), (132, 15263), (135, 15293), (156, 15362), (164, 15413), (170, 15434), (180, 15488), (181, 15491),

Gene: Cinna_25 Start: 16663, Stop: 17355, Start Num: 22
Candidate Starts for Cinna_25:
(15, 16651), (Start: 22 @16663 has 232 MA's), (38, 16708), (51, 16774), (55, 16798), (62, 16849), (65, 16861), (72, 16909), (78, 16945), (84, 16972), (112, 17086), (119, 17113), (135, 17215), (136, 17218), (163, 17329),

Gene: ClamChowder_24 Start: 15824, Stop: 16510, Start Num: 22
Candidate Starts for ClamChowder_24:
(Start: 22 @15824 has 232 MA's), (49, 15923), (75, 16094), (76, 16097), (102, 16217), (155, 16445), (156, 16448),

Gene: Clawz_49 Start: 26964, Stop: 27716, Start Num: 30
Candidate Starts for Clawz_49:
(Start: 30 @26964 has 7 MA's), (32, 26970), (52, 27075), (55, 27093), (62, 27144), (72, 27204), (75, 27225), (80, 27243), (91, 27294), (92, 27300), (94, 27312), (96, 27318), (110, 27399), (118, 27432), (131, 27501), (135, 27537),

Gene: ClearAsMud_32 Start: 18024, Stop: 18704, Start Num: 22
Candidate Starts for ClearAsMud_32:
(Start: 22 @18024 has 232 MA's), (46, 18111), (51, 18135), (62, 18210), (65, 18222), (72, 18270), (84, 18330), (119, 18471), (128, 18519), (135, 18573), (156, 18633),

Gene: CloverMinnie_20 Start: 16028, Stop: 16837, Start Num: 26
Candidate Starts for CloverMinnie_20:
(Start: 26 @16028 has 321 MA's), (Start: 34 @16046 has 1 MA's), (49, 16121), (55, 16160), (61, 16205), (75, 16292), (81, 16313), (83, 16331), (85, 16337), (94, 16379), (132, 16574), (156, 16676), (170, 16748), (181, 16805),

Gene: Clown_26 Start: 17806, Stop: 18492, Start Num: 22
Candidate Starts for Clown_26:
(Start: 22 @17806 has 232 MA's), (49, 17905), (53, 17932), (72, 18055), (143, 18382), (156, 18430), (160, 18445),

Gene: Cobra_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Cobra_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Coco2012_18 Start: 14583, Stop: 15395, Start Num: 26
Candidate Starts for Coco2012_18:
(Start: 26 @14583 has 321 MA's), (Start: 34 @14601 has 1 MA's), (55, 14715), (62, 14766), (75, 14847), (81, 14868), (83, 14886), (120, 15066), (131, 15123), (132, 15129), (151, 15201), (156, 15231), (170, 15303), (181, 15360),

Gene: Colbert_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Colbert_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: ColdSoup_50 Start: 27058, Stop: 27801, Start Num: 30
Candidate Starts for ColdSoup_50:
(Start: 30 @27058 has 7 MA's), (32, 27064), (49, 27148), (55, 27187), (62, 27238), (75, 27319), (80, 27337), (91, 27388), (92, 27394), (94, 27406), (110, 27493), (118, 27526), (124, 27565), (131, 27595), (156, 27703),

Gene: Coldpizza_20 Start: 16760, Stop: 17572, Start Num: 26
Candidate Starts for Coldpizza_20:
(4, 16655), (10, 16703), (Start: 26 @16760 has 321 MA's), (51, 16868), (55, 16892), (72, 17003), (75, 17024), (120, 17243), (132, 17306), (156, 17408), (181, 17537), (188, 17561),

Gene: Coletti_18 Start: 14714, Stop: 15514, Start Num: 26
Candidate Starts for Coletti_18:
(Start: 26 @14714 has 321 MA's), (42, 14777), (53, 14834), (54, 14843), (55, 14846), (69, 14942), (75, 14978), (101, 15095), (124, 15227), (128, 15242), (132, 15263), (135, 15293), (156, 15362), (164, 15413), (170, 15434), (180, 15488), (181, 15491),

Gene: Cooper_18 Start: 15481, Stop: 16287, Start Num: 25
Candidate Starts for Cooper_18:
(Start: 25 @15481 has 25 MA's), (42, 15544), (54, 15610), (55, 15613), (58, 15631), (72, 15724), (75, 15745), (81, 15766), (108, 15901), (124, 15994), (150, 16096), (156, 16129), (159, 16141), (160, 16144), (164, 16180),

Gene: Cornbread_17 Start: 14415, Stop: 15215, Start Num: 26

Candidate Starts for Cornbread_17:
(Start: 26 @14415 has 321 MA's), (42, 14478), (53, 14535), (54, 14544), (55, 14547), (69, 14643), (75, 14679), (101, 14796), (124, 14928), (128, 14943), (132, 14964), (135, 14994), (156, 15063), (164, 15114), (170, 15135), (180, 15189), (181, 15192),

Gene: Cornobble_17 Start: 14259, Stop: 15059, Start Num: 26
Candidate Starts for Cornobble_17:
(Start: 26 @14259 has 321 MA's), (42, 14322), (53, 14379), (54, 14388), (55, 14391), (69, 14487), (75, 14523), (101, 14640), (124, 14772), (128, 14787), (132, 14808), (135, 14838), (156, 14907), (164, 14958), (170, 14979), (180, 15033), (181, 15036),

Gene: Cosmolli16_17 Start: 14416, Stop: 15216, Start Num: 26
Candidate Starts for Cosmolli16_17:
(Start: 26 @14416 has 321 MA's), (42, 14479), (53, 14536), (54, 14545), (55, 14548), (69, 14644), (75, 14680), (101, 14797), (124, 14929), (128, 14944), (132, 14965), (135, 14995), (156, 15064), (164, 15115), (170, 15136), (180, 15190), (181, 15193),

Gene: CoveyB_24 Start: 15670, Stop: 16356, Start Num: 22
Candidate Starts for CoveyB_24:
(Start: 22 @15670 has 232 MA's), (49, 15769), (75, 15940), (76, 15943), (102, 16063), (155, 16291), (156, 16294),

Gene: Craff_18 Start: 14705, Stop: 15505, Start Num: 26
Candidate Starts for Craff_18:
(Start: 26 @14705 has 321 MA's), (42, 14768), (53, 14825), (54, 14834), (55, 14837), (69, 14933), (75, 14969), (101, 15086), (124, 15218), (128, 15233), (132, 15254), (135, 15284), (156, 15353), (164, 15404), (170, 15425), (180, 15479), (181, 15482),

Gene: Cranjis_31 Start: 17470, Stop: 18150, Start Num: 22
Candidate Starts for Cranjis_31:
(Start: 22 @17470 has 232 MA's), (46, 17557), (51, 17581), (62, 17656), (65, 17668), (72, 17716), (84, 17776), (115, 17905), (119, 17917), (128, 17965), (135, 18019), (156, 18079), (169, 18139),

Gene: CrazyRich_29 Start: 17280, Stop: 17960, Start Num: 22
Candidate Starts for CrazyRich_29:
(Start: 22 @17280 has 232 MA's), (46, 17367), (51, 17391), (62, 17466), (65, 17478), (72, 17526), (84, 17586), (115, 17715), (119, 17727), (128, 17775), (135, 17829), (156, 17889),

Gene: Cressida_27 Start: 16707, Stop: 17411, Start Num: 22
Candidate Starts for Cressida_27:
(15, 16695), (Start: 22 @16707 has 232 MA's), (43, 16779), (51, 16818), (62, 16893), (65, 16905), (72, 16953), (84, 17016), (88, 17031), (112, 17130), (119, 17157), (136, 17262), (153, 17304),

Gene: Crisis_31 Start: 17265, Stop: 17945, Start Num: 22
Candidate Starts for Crisis_31:
(Start: 22 @17265 has 232 MA's), (46, 17352), (51, 17376), (62, 17451), (65, 17463), (72, 17511), (84, 17571), (115, 17700), (119, 17712), (128, 17760), (135, 17814), (156, 17874),

Gene: Crownjwl_18 Start: 14472, Stop: 15272, Start Num: 26
Candidate Starts for Crownjwl_18:
(Start: 26 @14472 has 321 MA's), (42, 14535), (53, 14592), (54, 14601), (55, 14604), (69, 14700), (75, 14736), (101, 14853), (124, 14985), (128, 15000), (132, 15021), (135, 15051), (156, 15120), (164, 15171), (170, 15192), (180, 15246), (181, 15249),

Gene: DaddyDaniels_18 Start: 14408, Stop: 15208, Start Num: 26
Candidate Starts for DaddyDaniels_18:
(Start: 26 @14408 has 321 MA's), (42, 14471), (53, 14528), (54, 14537), (55, 14540), (69, 14636), (75, 14672), (101, 14789), (124, 14921), (128, 14936), (132, 14957), (135, 14987), (156, 15056), (164, 15107), (170, 15128), (180, 15182), (181, 15185),

Gene: Daffy_18 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for Daffy_18:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: Daka_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Daka_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Danyall_24 Start: 15670, Stop: 16356, Start Num: 22
Candidate Starts for Danyall_24:
(Start: 22 @15670 has 232 MA's), (49, 15769), (75, 15940), (76, 15943), (102, 16063), (155, 16291), (156, 16294),

Gene: Dati_18 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for Dati_18:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: DelRivs_17 Start: 14411, Stop: 15211, Start Num: 26
Candidate Starts for DelRivs_17:
(Start: 26 @14411 has 321 MA's), (42, 14474), (53, 14531), (54, 14540), (55, 14543), (69, 14639), (75, 14675), (101, 14792), (124, 14924), (128, 14939), (132, 14960), (135, 14990), (156, 15059), (164, 15110), (170, 15131), (180, 15185), (181, 15188),

Gene: Delrey21_24 Start: 18380, Stop: 19072, Start Num: 21
Candidate Starts for Delrey21_24:
(Start: 21 @18380 has 20 MA's), (37, 18419), (40, 18434), (44, 18455), (45, 18458), (51, 18494), (97, 18749), (158, 19016),

Gene: Derg_19 Start: 17869, Stop: 18564, Start Num: 22
Candidate Starts for Derg_19:
(Start: 22 @17869 has 232 MA's), (37, 17908), (65, 18070), (97, 18241), (99, 18253), (136, 18427), (163, 18544), (167, 18559),

Gene: Derpp_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Derpp_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Dexdert_24 Start: 17606, Stop: 18295, Start Num: 21

Candidate Starts for Dexdert_24:
(Start: 21 @17606 has 20 MA's), (Start: 31 @17615 has 4 MA's), (Start: 34 @17630 has 1 MA's), (37, 17645), (49, 17705), (51, 17720), (53, 17732), (97, 17975), (99, 17987), (121, 18071), (128, 18104), (135, 18158), (143, 18185), (148, 18197), (158, 18242),

Gene: Dice_17 Start: 14399, Stop: 15199, Start Num: 26
Candidate Starts for Dice_17:
(Start: 26 @14399 has 321 MA's), (42, 14462), (53, 14519), (54, 14528), (55, 14531), (69, 14627), (75, 14663), (101, 14780), (124, 14912), (128, 14927), (132, 14948), (135, 14978), (156, 15047), (164, 15098), (170, 15119), (180, 15173), (181, 15176),

Gene: DigitDog_21 Start: 16468, Stop: 17304, Start Num: 13
Candidate Starts for DigitDog_21:
(5, 16399), (Start: 13 @16468 has 11 MA's), (Start: 28 @16501 has 12 MA's), (51, 16609), (52, 16615), (54, 16630), (55, 16633), (58, 16651), (75, 16765), (132, 17050), (135, 17080), (146, 17107), (156, 17149),

Gene: Dingo_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for Dingo_18:
(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: Dione_17 Start: 14400, Stop: 15200, Start Num: 26
Candidate Starts for Dione_17:
(Start: 26 @14400 has 321 MA's), (42, 14463), (53, 14520), (54, 14529), (55, 14532), (69, 14628), (75, 14664), (101, 14781), (124, 14913), (128, 14928), (132, 14949), (135, 14979), (156, 15048), (164, 15099), (170, 15120), (180, 15174), (181, 15177),

Gene: DirtJuice_18 Start: 14687, Stop: 15487, Start Num: 26
Candidate Starts for DirtJuice_18:
(Start: 26 @14687 has 321 MA's), (42, 14750), (53, 14807), (54, 14816), (55, 14819), (69, 14915), (75, 14951), (101, 15068), (124, 15200), (128, 15215), (132, 15236), (135, 15266), (156, 15335), (164, 15386), (170, 15407), (180, 15461), (181, 15464),

Gene: DoctorFroggo_24 Start: 18380, Stop: 19072, Start Num: 21
Candidate Starts for DoctorFroggo_24:
(Start: 21 @18380 has 20 MA's), (37, 18419), (40, 18434), (44, 18455), (45, 18458), (51, 18494), (97, 18749), (158, 19016),

Gene: Doddsville_18 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for Doddsville_18:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: DoesntMatter_18 Start: 14681, Stop: 15481, Start Num: 26
Candidate Starts for DoesntMatter_18:
(Start: 26 @14681 has 321 MA's), (42, 14744), (53, 14801), (54, 14810), (55, 14813), (69, 14909), (75, 14945), (101, 15062), (124, 15194), (128, 15209), (132, 15230), (135, 15260), (156, 15329), (164, 15380), (170, 15401), (180, 15455), (181, 15458),

Gene: DogYard_29 Start: 17322, Stop: 18242, Start Num: 16

Candidate Starts for DogYard_29:
(Start: 16 @17322 has 24 MA's), (47, 17421), (49, 17427), (50, 17439), (53, 17454), (72, 17577), (81, 17619), (93, 17682), (115, 17778), (120, 17793), (130, 17844), (157, 17958), (158, 17964), (161, 17982), (163, 18000), (176, 18066), (196, 18162),

Gene: DolOn_19 Start: 14934, Stop: 15734, Start Num: 26
Candidate Starts for DolOn_19:
(Start: 26 @14934 has 321 MA's), (42, 14997), (53, 15054), (54, 15063), (55, 15066), (69, 15162), (75, 15198), (101, 15315), (124, 15447), (128, 15462), (132, 15483), (135, 15513), (156, 15582), (164, 15633), (170, 15654), (180, 15708), (181, 15711),

Gene: DonSanchon_17 Start: 14400, Stop: 15200, Start Num: 26
Candidate Starts for DonSanchon_17:
(Start: 26 @14400 has 321 MA's), (42, 14463), (53, 14520), (54, 14529), (55, 14532), (69, 14628), (75, 14664), (101, 14781), (124, 14913), (128, 14928), (132, 14949), (135, 14979), (156, 15048), (164, 15099), (170, 15120), (180, 15174), (181, 15177),

Gene: DonTron_49 Start: 27098, Stop: 27841, Start Num: 30
Candidate Starts for DonTron_49:
(Start: 30 @27098 has 7 MA's), (32, 27104), (49, 27188), (55, 27227), (62, 27278), (75, 27359), (80, 27377), (91, 27428), (92, 27434), (94, 27446), (110, 27533), (118, 27566), (131, 27635), (156, 27743),

Gene: DonaldDuck_27 Start: 17046, Stop: 17993, Start Num: 22
Candidate Starts for DonaldDuck_27:
(Start: 22 @17046 has 232 MA's), (Start: 34 @17070 has 1 MA's), (43, 17118), (52, 17166), (136, 17616), (164, 17733), (189, 17838), (197, 17913),

Gene: Donny_20 Start: 16509, Stop: 17345, Start Num: 13
Candidate Starts for Donny_20:
(2, 16398), (Start: 13 @16509 has 11 MA's), (Start: 28 @16542 has 12 MA's), (49, 16635), (51, 16650), (52, 16656), (54, 16671), (55, 16674), (58, 16692), (75, 16806), (132, 17091), (135, 17121), (151, 17160), (156, 17190), (170, 17262),

Gene: Dori_17 Start: 13328, Stop: 14131, Start Num: 31
Candidate Starts for Dori_17:
(Start: 31 @13328 has 4 MA's), (33, 13340), (36, 13355), (38, 13364), (40, 13373), (55, 13457), (62, 13508), (81, 13610), (82, 13613), (86, 13640), (95, 13679), (97, 13688), (109, 13757), (121, 13820), (151, 13946), (160, 14000),

Gene: DuchessDung_17 Start: 14252, Stop: 15052, Start Num: 26
Candidate Starts for DuchessDung_17:
(Start: 26 @14252 has 321 MA's), (42, 14315), (53, 14372), (54, 14381), (55, 14384), (69, 14480), (75, 14516), (101, 14633), (124, 14765), (128, 14780), (132, 14801), (135, 14831), (156, 14900), (164, 14951), (170, 14972), (180, 15026), (181, 15029),

Gene: Duggie_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for Duggie_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (170, 15134), (180, 15188), (181, 15191),

Gene: DunneganBoMo_73 Start: 46623, Stop: 47267, Start Num: 22
Candidate Starts for DunneganBoMo_73:

(Start: 22 @46623 has 232 MA's), (44, 46698), (51, 46737), (75, 46893), (117, 47073), (144, 47196),

Gene: Durga_18 Start: 14713, Stop: 15513, Start Num: 26
Candidate Starts for Durga_18:
(Start: 26 @14713 has 321 MA's), (42, 14776), (53, 14833), (54, 14842), (55, 14845), (69, 14941), (75, 14977), (101, 15094), (124, 15226), (128, 15241), (132, 15262), (135, 15292), (156, 15361), (164, 15412), (170, 15433), (180, 15487), (181, 15490),

Gene: EMoore_19 Start: 16450, Stop: 17142, Start Num: 22
Candidate Starts for EMoore_19:
(Start: 22 @16450 has 232 MA's), (37, 16489), (53, 16576), (75, 16720), (85, 16765), (97, 16819), (107, 16852), (134, 16987), (137, 17008), (158, 17086), (160, 17092),

Gene: EarickHC_30 Start: 17191, Stop: 17871, Start Num: 22
Candidate Starts for EarickHC_30:
(Start: 22 @17191 has 232 MA's), (46, 17278), (51, 17302), (62, 17377), (65, 17389), (72, 17437), (84, 17497), (115, 17626), (119, 17638), (128, 17686), (135, 17740), (156, 17800),

Gene: EastView9101_20 Start: 16515, Stop: 17351, Start Num: 13
Candidate Starts for EastView9101_20:
(3, 16431), (Start: 13 @16515 has 11 MA's), (Start: 28 @16548 has 12 MA's), (51, 16656), (52, 16662), (54, 16677), (55, 16680), (58, 16698), (75, 16812), (132, 17097), (135, 17127), (151, 17166), (156, 17196), (170, 17268), (186, 17346),

Gene: EdmundFerry_22 Start: 17192, Stop: 17887, Start Num: 21
Candidate Starts for EdmundFerry_22:
(Start: 21 @17192 has 20 MA's), (Start: 31 @17201 has 4 MA's), (37, 17231), (49, 17291), (51, 17306), (53, 17318), (75, 17462), (97, 17561), (99, 17573), (121, 17657), (135, 17744), (158, 17828),

Gene: Egi03_22 Start: 15285, Stop: 15971, Start Num: 22
Candidate Starts for Egi03_22:
(Start: 22 @15285 has 232 MA's), (53, 15411), (76, 15558), (102, 15678), (155, 15906), (156, 15909),

Gene: Ellewin_72 Start: 46218, Stop: 46862, Start Num: 22
Candidate Starts for Ellewin_72:
(Start: 22 @46218 has 232 MA's), (44, 46293), (51, 46332), (75, 46488), (117, 46668), (144, 46791),

Gene: ElvisPhasley_18 Start: 14712, Stop: 15512, Start Num: 26
Candidate Starts for ElvisPhasley_18:
(Start: 26 @14712 has 321 MA's), (42, 14775), (53, 14832), (54, 14841), (55, 14844), (69, 14940), (75, 14976), (101, 15093), (124, 15225), (128, 15240), (132, 15261), (135, 15291), (156, 15360), (164, 15411), (180, 15486), (181, 15489),

Gene: EmGer13_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for EmGer13_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Emiris_18 Start: 14694, Stop: 15494, Start Num: 26
Candidate Starts for Emiris_18:
(Start: 26 @14694 has 321 MA's), (42, 14757), (53, 14814), (54, 14823), (55, 14826), (69, 14922), (75, 14958), (101, 15075), (124, 15207), (128, 15222), (132, 15243), (135, 15273), (156, 15342), (164,

15393), (170, 15414), (180, 15468), (181, 15471),

Gene: Emmetator_76 Start: 47370, Stop: 48014, Start Num: 22
Candidate Starts for Emmetator_76:
(Start: 22 @47370 has 232 MA's), (44, 47445), (51, 47484), (75, 47640), (117, 47820), (144, 47943),

Gene: EmpTee_18 Start: 14700, Stop: 15500, Start Num: 26
Candidate Starts for EmpTee_18:
(Start: 26 @14700 has 321 MA's), (42, 14763), (54, 14829), (55, 14832), (69, 14928), (75, 14964), (101, 15081), (124, 15213), (128, 15228), (132, 15249), (135, 15279), (156, 15348), (164, 15399), (170, 15420), (180, 15474), (181, 15477),

Gene: Epah_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for Epah_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Eremos_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Eremos_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Etaye_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for Etaye_18:
(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: Eugenia_18 Start: 14712, Stop: 15512, Start Num: 26
Candidate Starts for Eugenia_18:
(Start: 26 @14712 has 321 MA's), (42, 14775), (53, 14832), (54, 14841), (55, 14844), (69, 14940), (75, 14976), (101, 15093), (124, 15225), (128, 15240), (132, 15261), (135, 15291), (156, 15360), (164, 15411), (170, 15432), (180, 15486), (181, 15489),

Gene: Evaa_19 Start: 15945, Stop: 16754, Start Num: 24
Candidate Starts for Evaa_19:
(17, 15936), (Start: 24 @15945 has 1 MA's), (Start: 34 @15963 has 1 MA's), (49, 16038), (55, 16077), (62, 16128), (72, 16188), (75, 16209), (81, 16230), (120, 16428), (132, 16491), (156, 16593),

Gene: Evamon_22 Start: 15156, Stop: 15842, Start Num: 22
Candidate Starts for Evamon_22:
(Start: 22 @15156 has 232 MA's), (49, 15255), (75, 15426), (76, 15429), (102, 15549), (155, 15777), (156, 15780),

Gene: EverythinBagel_27 Start: 17434, Stop: 18381, Start Num: 22
Candidate Starts for EverythinBagel_27:
(Start: 22 @17434 has 232 MA's), (Start: 34 @17458 has 1 MA's), (43, 17506), (52, 17554), (136, 18004), (164, 18121), (189, 18226), (197, 18301),

Gene: Fanaw_18 Start: 16467, Stop: 17273, Start Num: 25
Candidate Starts for Fanaw_18:

(Start: 25 @16467 has 25 MA's), (42, 16530), (54, 16596), (55, 16599), (58, 16617), (72, 16710), (75, 16731), (81, 16752), (97, 16830), (108, 16887), (124, 16980), (132, 17016), (150, 17082), (156, 17115), (159, 17127), (160, 17130), (164, 17166),

Gene: Fang_18 Start: 14715, Stop: 15515, Start Num: 26
Candidate Starts for Fang_18:
(Start: 26 @14715 has 321 MA's), (42, 14778), (53, 14835), (54, 14844), (55, 14847), (69, 14943), (75, 14979), (101, 15096), (124, 15228), (128, 15243), (132, 15264), (135, 15294), (156, 15363), (164, 15414), (170, 15435), (180, 15489), (181, 15492),

Gene: FelixTres_20 Start: 16091, Stop: 16900, Start Num: 26
Candidate Starts for FelixTres_20:
(Start: 26 @16091 has 321 MA's), (Start: 34 @16109 has 1 MA's), (49, 16184), (55, 16223), (61, 16268), (75, 16355), (81, 16376), (83, 16394), (85, 16400), (94, 16442), (132, 16637), (156, 16739), (170, 16811), (181, 16868),

Gene: Fireball_23 Start: 15288, Stop: 15974, Start Num: 22
Candidate Starts for Fireball_23:
(Start: 22 @15288 has 232 MA's), (53, 15414), (76, 15561), (102, 15681), (135, 15837), (143, 15864), (155, 15909), (156, 15912),

Gene: Fireman_30 Start: 17082, Stop: 17762, Start Num: 22
Candidate Starts for Fireman_30:
(Start: 22 @17082 has 232 MA's), (46, 17169), (61, 17262), (65, 17280), (72, 17328), (76, 17352), (84, 17388), (112, 17502), (119, 17529), (128, 17577), (135, 17631), (156, 17691), (169, 17751),

Gene: Fitzgerald_21 Start: 18039, Stop: 18734, Start Num: 22
Candidate Starts for Fitzgerald_21:
(Start: 22 @18039 has 232 MA's), (Start: 31 @18048 has 4 MA's), (37, 18078), (53, 18165), (65, 18240), (72, 18288), (97, 18411), (99, 18423), (107, 18444), (136, 18597), (163, 18714),

Gene: Fizzles_28 Start: 16958, Stop: 17899, Start Num: 23
Candidate Starts for Fizzles_28:
(Start: 22 @16955 has 232 MA's), (Start: 23 @16958 has 13 MA's), (Start: 34 @16979 has 1 MA's), (43, 17027), (49, 17054), (72, 17204), (97, 17327), (164, 17642), (174, 17681), (189, 17744), (192, 17780), (198, 17837),

Gene: Flake_18 Start: 14716, Stop: 15516, Start Num: 26
Candidate Starts for Flake_18:
(Start: 26 @14716 has 321 MA's), (42, 14779), (53, 14836), (54, 14845), (55, 14848), (69, 14944), (75, 14980), (101, 15097), (124, 15229), (128, 15244), (132, 15265), (135, 15295), (156, 15364), (164, 15415), (170, 15436), (180, 15490), (181, 15493),

Gene: Flatwoods_24 Start: 18230, Stop: 18925, Start Num: 22
Candidate Starts for Flatwoods_24:
(Start: 22 @18230 has 232 MA's), (37, 18269), (65, 18431), (67, 18458), (97, 18602), (99, 18614), (136, 18788), (163, 18905), (167, 18920),

Gene: FleetyMac_18 Start: 14697, Stop: 15497, Start Num: 26
Candidate Starts for FleetyMac_18:
(Start: 26 @14697 has 321 MA's), (42, 14760), (53, 14817), (54, 14826), (55, 14829), (69, 14925), (75, 14961), (101, 15078), (124, 15210), (128, 15225), (132, 15246), (135, 15276), (156, 15345), (164, 15396), (170, 15417), (180, 15471), (181, 15474),

Gene: FloraSnap32_80 Start: 50203, Stop: 50859, Start Num: 22
Candidate Starts for FloraSnap32_80:
(Start: 22 @50203 has 232 MA's), (61, 50386), (75, 50473), (117, 50653), (124, 50689), (125, 50692),

Gene: FluffyNinja_18 Start: 14703, Stop: 15503, Start Num: 26
Candidate Starts for FluffyNinja_18:
(Start: 26 @14703 has 321 MA's), (42, 14766), (53, 14823), (54, 14832), (55, 14835), (69, 14931), (75, 14967), (101, 15084), (124, 15216), (128, 15231), (132, 15252), (135, 15282), (156, 15351), (164, 15402), (170, 15423), (180, 15477), (181, 15480),

Gene: ForDig_16 Start: 14970, Stop: 15776, Start Num: 28
Candidate Starts for ForDig_16:
(Start: 28 @14970 has 12 MA's), (54, 15099), (55, 15102), (57, 15114), (72, 15213), (74, 15228), (75, 15234), (101, 15357), (132, 15525), (134, 15540), (135, 15555), (164, 15675),

Gene: Forrestell_26 Start: 15960, Stop: 16880, Start Num: 16
Candidate Starts for Forrestell_26:
(Start: 16 @15960 has 24 MA's), (47, 16059), (49, 16065), (50, 16077), (53, 16092), (72, 16215), (81, 16257), (93, 16320), (115, 16416), (120, 16431), (130, 16482), (157, 16596), (158, 16602), (161, 16620), (163, 16638), (176, 16704), (196, 16800),

Gene: Fortunato_18 Start: 16431, Stop: 17237, Start Num: 25
Candidate Starts for Fortunato_18:
(Start: 25 @16431 has 25 MA's), (42, 16494), (54, 16560), (55, 16563), (58, 16581), (72, 16674), (75, 16695), (81, 16716), (97, 16794), (108, 16851), (124, 16944), (150, 17046), (156, 17079), (159, 17091), (160, 17094), (164, 17130),

Gene: Forza_89 Start: 44347, Stop: 44991, Start Num: 22
Candidate Starts for Forza_89:
(Start: 22 @44347 has 232 MA's), (38, 44389), (51, 44458), (117, 44794), (123, 44818), (124, 44830), (125, 44833), (133, 44872),

Gene: Fosterous_21 Start: 18489, Stop: 19184, Start Num: 22
Candidate Starts for Fosterous_21:
(Start: 22 @18489 has 232 MA's), (Start: 31 @18498 has 4 MA's), (37, 18528), (53, 18615), (65, 18690), (85, 18804), (97, 18861), (99, 18873), (107, 18894), (136, 19047), (163, 19164), (167, 19179),

Gene: Fozzie_17 Start: 14709, Stop: 15509, Start Num: 26
Candidate Starts for Fozzie_17:
(Start: 26 @14709 has 321 MA's), (42, 14772), (53, 14829), (54, 14838), (55, 14841), (69, 14937), (75, 14973), (101, 15090), (124, 15222), (128, 15237), (132, 15258), (135, 15288), (156, 15357), (164, 15408), (170, 15429), (180, 15483), (181, 15486),

Gene: FrankDeliGuy_25 Start: 17008, Stop: 17955, Start Num: 22
Candidate Starts for FrankDeliGuy_25:
(Start: 22 @17008 has 232 MA's), (Start: 34 @17032 has 1 MA's), (43, 17080), (52, 17128), (135, 17575), (136, 17578), (164, 17695), (189, 17800), (197, 17875),

Gene: Frankicide_18 Start: 14701, Stop: 15501, Start Num: 26
Candidate Starts for Frankicide_18:
(Start: 26 @14701 has 321 MA's), (42, 14764), (53, 14821), (54, 14830), (55, 14833), (69, 14929), (75, 14965), (101, 15082), (124, 15214), (128, 15229), (132, 15250), (135, 15280), (156, 15349), (164,

15400), (170, 15421), (180, 15475), (181, 15478),

Gene: Fransoyer_30 Start: 17064, Stop: 18002, Start Num: 22
Candidate Starts for Fransoyer_30:
(Start: 22 @17064 has 232 MA's), (Start: 34 @17088 has 1 MA's), (68, 17295), (72, 17313), (123, 17550), (134, 17616), (135, 17631), (156, 17700), (158, 17709), (160, 17715), (189, 17853),

Gene: Frederick_18 Start: 16440, Stop: 17246, Start Num: 25
Candidate Starts for Frederick_18:
(Start: 25 @16440 has 25 MA's), (42, 16503), (54, 16569), (55, 16572), (58, 16590), (72, 16683), (75, 16704), (81, 16725), (97, 16803), (108, 16860), (124, 16953), (150, 17055), (156, 17088), (159, 17100), (160, 17103), (164, 17139),

Gene: Fregley_28 Start: 16254, Stop: 17195, Start Num: 22
Candidate Starts for Fregley_28:
(Start: 22 @16254 has 232 MA's), (38, 16299), (91, 16593), (128, 16764), (135, 16818), (136, 16821), (160, 16899), (173, 16968), (175, 16989), (198, 17133),

Gene: FremontTroll_17 Start: 14398, Stop: 15198, Start Num: 26
Candidate Starts for FremontTroll_17:
(Start: 26 @14398 has 321 MA's), (42, 14461), (53, 14518), (54, 14527), (55, 14530), (69, 14626), (75, 14662), (101, 14779), (124, 14911), (128, 14926), (132, 14947), (135, 14977), (156, 15046), (164, 15097), (170, 15118), (180, 15172), (181, 15175),

Gene: Fresco_18 Start: 14690, Stop: 15502, Start Num: 27
Candidate Starts for Fresco_18:
(Start: 27 @14690 has 5 MA's), (Start: 34 @14708 has 1 MA's), (49, 14783), (53, 14810), (55, 14822), (61, 14867), (75, 14954), (81, 14975), (124, 15200), (131, 15230), (132, 15236), (156, 15338), (170, 15410), (181, 15467),

Gene: Freya_17 Start: 14395, Stop: 15195, Start Num: 26
Candidate Starts for Freya_17:
(Start: 26 @14395 has 321 MA's), (42, 14458), (53, 14515), (54, 14524), (55, 14527), (69, 14623), (75, 14659), (101, 14776), (124, 14908), (128, 14923), (132, 14944), (135, 14974), (156, 15043), (164, 15094), (170, 15115), (180, 15169), (181, 15172),

Gene: FriarPreacher_18 Start: 14720, Stop: 15520, Start Num: 26
Candidate Starts for FriarPreacher_18:
(Start: 26 @14720 has 321 MA's), (42, 14783), (53, 14840), (54, 14849), (55, 14852), (69, 14948), (75, 14984), (101, 15101), (124, 15233), (128, 15248), (132, 15269), (135, 15299), (156, 15368), (164, 15419), (170, 15440), (180, 15494), (181, 15497),

Gene: Fringe_18 Start: 14682, Stop: 15482, Start Num: 26
Candidate Starts for Fringe_18:
(Start: 26 @14682 has 321 MA's), (42, 14745), (53, 14802), (54, 14811), (55, 14814), (69, 14910), (75, 14946), (101, 15063), (124, 15195), (128, 15210), (132, 15231), (135, 15261), (156, 15330), (164, 15381), (170, 15402), (180, 15456), (181, 15459),

Gene: FrostedClock_82 Start: 50654, Stop: 51310, Start Num: 22
Candidate Starts for FrostedClock_82:
(Start: 22 @50654 has 232 MA's), (61, 50837), (75, 50924), (117, 51104), (124, 51140), (125, 51143),

Gene: FuegoCuervo_26 Start: 17823, Stop: 18518, Start Num: 22

Candidate Starts for FuegoCuervo_26:
(Start: 22 @17823 has 232 MA's), (Start: 31 @17832 has 4 MA's), (37, 17862), (53, 17949), (65, 18024), (85, 18138), (97, 18195), (99, 18207), (107, 18228), (163, 18498), (167, 18513),

Gene: FugateOSU_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for FugateOSU_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Fugax_24 Start: 15824, Stop: 16510, Start Num: 22
Candidate Starts for Fugax_24:
(Start: 22 @15824 has 232 MA's), (49, 15923), (75, 16094), (76, 16097), (102, 16217), (155, 16445), (156, 16448),

Gene: Funsized_22 Start: 18420, Stop: 19223, Start Num: 28
Candidate Starts for Funsized_22:
(Start: 28 @18420 has 12 MA's), (42, 18486), (49, 18516), (51, 18531), (53, 18543), (54, 18552), (55, 18555), (72, 18666), (75, 18687), (96, 18780), (119, 18906), (124, 18936), (135, 19002), (153, 19047), (156, 19071), (164, 19116), (170, 19137), (173, 19149),

Gene: FuzzBuster_34 Start: 17131, Stop: 18030, Start Num: 19
Candidate Starts for FuzzBuster_34:
(Start: 19 @17131 has 1 MA's), (Start: 34 @17155 has 1 MA's), (48, 17227), (84, 17443), (112, 17563), (119, 17590), (135, 17692), (147, 17722), (157, 17764), (182, 17890), (187, 17911),

Gene: GMA2_18 Start: 17722, Stop: 18366, Start Num: 22
Candidate Starts for GMA2_18:
(Start: 22 @17722 has 232 MA's), (35, 17752), (51, 17833), (117, 18169), (124, 18205), (125, 18208),

Gene: GTE6_23 Start: 17681, Stop: 18376, Start Num: 21
Candidate Starts for GTE6_23:
(Start: 21 @17681 has 20 MA's), (Start: 31 @17690 has 4 MA's), (37, 17720), (49, 17780), (51, 17795), (53, 17807), (75, 17951), (97, 18050), (99, 18062), (121, 18146), (135, 18233), (158, 18317),

Gene: Gaea_23 Start: 17881, Stop: 18576, Start Num: 21
Candidate Starts for Gaea_23:
(Start: 21 @17881 has 20 MA's), (37, 17920), (50, 17992), (65, 18082), (67, 18109), (97, 18253), (99, 18265), (136, 18439), (163, 18556), (167, 18571),

Gene: Galadriel_25 Start: 18354, Stop: 19049, Start Num: 22
Candidate Starts for Galadriel_25:
(Start: 22 @18354 has 232 MA's), (Start: 31 @18363 has 4 MA's), (37, 18393), (53, 18480), (65, 18555), (85, 18669), (97, 18726), (99, 18738), (107, 18759), (136, 18912), (163, 19029), (167, 19044),

Gene: Ganandorf_29 Start: 17327, Stop: 18007, Start Num: 22
Candidate Starts for Ganandorf_29:
(Start: 22 @17327 has 232 MA's), (46, 17414), (51, 17438), (62, 17513), (65, 17525), (72, 17573), (84, 17633), (115, 17762), (119, 17774), (128, 17822), (135, 17876), (156, 17936),

Gene: Gareth_17 Start: 14403, Stop: 15203, Start Num: 26
Candidate Starts for Gareth_17:

(Start: 26 @14403 has 321 MA's), (42, 14466), (53, 14523), (54, 14532), (55, 14535), (69, 14631), (75, 14667), (101, 14784), (124, 14916), (128, 14931), (132, 14952), (135, 14982), (156, 15051), (164, 15102), (170, 15123), (180, 15177), (181, 15180),

Gene: Gazebo_27 Start: 17486, Stop: 18433, Start Num: 22
Candidate Starts for Gazebo_27:
(Start: 22 @17486 has 232 MA's), (Start: 34 @17510 has 1 MA's), (43, 17558), (52, 17606), (135, 18053), (136, 18056), (164, 18173), (189, 18278),

Gene: GeneCoco_18 Start: 14705, Stop: 15505, Start Num: 26
Candidate Starts for GeneCoco_18:
(Start: 26 @14705 has 321 MA's), (42, 14768), (53, 14825), (54, 14834), (55, 14837), (69, 14933), (75, 14969), (101, 15086), (124, 15218), (128, 15233), (132, 15254), (135, 15284), (156, 15353), (164, 15404), (180, 15479), (181, 15482),

Gene: Geodirt_22 Start: 18601, Stop: 19296, Start Num: 22
Candidate Starts for Geodirt_22:
(Start: 22 @18601 has 232 MA's), (Start: 31 @18610 has 4 MA's), (37, 18640), (53, 18727), (65, 18802), (85, 18916), (97, 18973), (99, 18985), (107, 19006), (136, 19159), (163, 19276), (167, 19291),

Gene: Germa_31 Start: 17156, Stop: 17836, Start Num: 22
Candidate Starts for Germa_31:
(Start: 22 @17156 has 232 MA's), (46, 17243), (51, 17267), (62, 17342), (65, 17354), (72, 17402), (84, 17462), (115, 17591), (119, 17603), (128, 17651), (135, 17705), (156, 17765),

Gene: Gezellig_22 Start: 15288, Stop: 15974, Start Num: 22
Candidate Starts for Gezellig_22:
(Start: 22 @15288 has 232 MA's), (53, 15414), (76, 15561), (102, 15681), (135, 15837), (143, 15864), (155, 15909), (156, 15912),

Gene: GinPorsche_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for GinPorsche_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Giraffe_18 Start: 14407, Stop: 15207, Start Num: 26
Candidate Starts for Giraffe_18:
(Start: 26 @14407 has 321 MA's), (42, 14470), (53, 14527), (54, 14536), (55, 14539), (69, 14635), (75, 14671), (101, 14788), (124, 14920), (128, 14935), (132, 14956), (135, 14986), (156, 15055), (164, 15106), (170, 15127), (180, 15181), (181, 15184),

Gene: Glorp_31 Start: 17328, Stop: 18008, Start Num: 22
Candidate Starts for Glorp_31:
(Start: 22 @17328 has 232 MA's), (46, 17415), (51, 17439), (62, 17514), (65, 17526), (72, 17574), (84, 17634), (115, 17763), (119, 17775), (128, 17823), (135, 17877), (156, 17937),

Gene: GodonK_78 Start: 39164, Stop: 39817, Start Num: 22
Candidate Starts for GodonK_78:
(Start: 22 @39164 has 232 MA's), (51, 39278), (79, 39452), (117, 39620), (122, 39641), (124, 39656), (125, 39659),

Gene: GoldenEssence_69 Start: 44959, Stop: 45615, Start Num: 22

Candidate Starts for GoldenEssence_69:
(Start: 22 @44959 has 232 MA's), (61, 45142), (75, 45229), (117, 45409), (124, 45445), (125, 45448),

Gene: Gophee_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for Gophee_18:
(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: Grand2040_17 Start: 14422, Stop: 15222, Start Num: 26
Candidate Starts for Grand2040_17:
(Start: 26 @14422 has 321 MA's), (42, 14485), (53, 14542), (54, 14551), (55, 14554), (69, 14650), (75, 14686), (101, 14803), (124, 14935), (128, 14950), (132, 14971), (135, 15001), (156, 15070), (164, 15121), (170, 15142), (180, 15196), (181, 15199),

Gene: Grassboy_29 Start: 17659, Stop: 18606, Start Num: 22
Candidate Starts for Grassboy_29:
(Start: 22 @17659 has 232 MA's), (Start: 34 @17683 has 1 MA's), (43, 17731), (52, 17779), (135, 18226), (136, 18229), (164, 18346), (189, 18451), (197, 18526),

Gene: GreenChile_18 Start: 14701, Stop: 15501, Start Num: 26
Candidate Starts for GreenChile_18:
(Start: 26 @14701 has 321 MA's), (42, 14764), (53, 14821), (54, 14830), (55, 14833), (69, 14929), (75, 14965), (101, 15082), (124, 15214), (128, 15229), (132, 15250), (135, 15280), (156, 15349), (164, 15400), (170, 15421), (180, 15475), (181, 15478),

Gene: Grumio_49 Start: 26536, Stop: 27279, Start Num: 30
Candidate Starts for Grumio_49:
(Start: 30 @26536 has 7 MA's), (32, 26542), (49, 26626), (55, 26665), (62, 26716), (75, 26797), (80, 26815), (91, 26866), (92, 26872), (94, 26884), (110, 26971), (118, 27004), (131, 27073), (156, 27181),

Gene: Gustavo_23 Start: 18018, Stop: 18713, Start Num: 22
Candidate Starts for Gustavo_23:
(8, 17958), (Start: 22 @18018 has 232 MA's), (37, 18057), (65, 18219), (97, 18390), (99, 18402), (163, 18693), (167, 18708),

Gene: Gwennie1_18 Start: 14723, Stop: 15523, Start Num: 26
Candidate Starts for Gwennie1_18:
(Start: 26 @14723 has 321 MA's), (42, 14786), (53, 14843), (54, 14852), (55, 14855), (69, 14951), (75, 14987), (101, 15104), (124, 15236), (128, 15251), (132, 15272), (135, 15302), (156, 15371), (164, 15422), (170, 15443), (180, 15497), (181, 15500),

Gene: Gwilliam_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for Gwilliam_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (170, 15416), (180, 15470), (181, 15473),

Gene: Gyarad_0018 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Gyarad_0018:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: HSavage_18 Start: 14707, Stop: 15507, Start Num: 26
Candidate Starts for HSavage_18:
(Start: 26 @14707 has 321 MA's), (42, 14770), (53, 14827), (54, 14836), (55, 14839), (69, 14935), (75, 14971), (101, 15088), (124, 15220), (128, 15235), (132, 15256), (135, 15286), (156, 15355), (164, 15406), (170, 15427), (180, 15481), (181, 15484),

Gene: Haimas_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Haimas_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Haleema_17 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for Haleema_17:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: Hally898_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for Hally898_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Halo3_23 Start: 15581, Stop: 16267, Start Num: 22
Candidate Starts for Halo3_23:
(Start: 22 @15581 has 232 MA's), (49, 15680), (75, 15851), (76, 15854), (102, 15974), (155, 16202), (156, 16205),

Gene: Hamish_18 Start: 14693, Stop: 15493, Start Num: 26
Candidate Starts for Hamish_18:
(Start: 26 @14693 has 321 MA's), (42, 14756), (53, 14813), (54, 14822), (55, 14825), (69, 14921), (75, 14957), (101, 15074), (124, 15206), (128, 15221), (132, 15242), (135, 15272), (156, 15341), (164, 15392), (170, 15413), (180, 15467), (181, 15470),

Gene: Hangman_18 Start: 16440, Stop: 17246, Start Num: 25
Candidate Starts for Hangman_18:
(Start: 25 @16440 has 25 MA's), (42, 16503), (54, 16569), (55, 16572), (58, 16590), (72, 16683), (75, 16704), (81, 16725), (105, 16842), (108, 16860), (124, 16953), (135, 17019), (150, 17055), (156, 17088), (159, 17100), (160, 17103), (164, 17139),

Gene: Hans_26 Start: 18792, Stop: 19478, Start Num: 22
Candidate Starts for Hans_26:
(Start: 22 @18792 has 232 MA's), (37, 18831), (53, 18918), (72, 19041), (76, 19065), (85, 19107), (97, 19161), (107, 19194), (137, 19350), (158, 19428), (160, 19434),

Gene: Happabalu_18 Start: 14393, Stop: 15193, Start Num: 26
Candidate Starts for Happabalu_18:
(Start: 26 @14393 has 321 MA's), (42, 14456), (53, 14513), (54, 14522), (55, 14525), (69, 14621), (75, 14657), (101, 14774), (124, 14906), (128, 14921), (132, 14942), (135, 14972), (156, 15041), (164, 15092), (170, 15113), (180, 15167), (181, 15170),

Gene: Hartsy_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for Hartsy_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (170, 15416), (180, 15470), (181, 15473),

Gene: Harvey_18 Start: 14721, Stop: 15521, Start Num: 26
Candidate Starts for Harvey_18:
(Start: 26 @14721 has 321 MA's), (42, 14784), (53, 14841), (54, 14850), (55, 14853), (69, 14949), (75, 14985), (101, 15102), (124, 15234), (128, 15249), (132, 15270), (135, 15300), (156, 15369), (164, 15420), (170, 15441), (180, 15495), (181, 15498),

Gene: Hashim76_23 Start: 15905, Stop: 16705, Start Num: 26
Candidate Starts for Hashim76_23:
(Start: 26 @15905 has 321 MA's), (42, 15968), (54, 16034), (55, 16037), (75, 16169), (101, 16286), (108, 16325), (146, 16511), (156, 16553), (166, 16610),

Gene: Heath_18 Start: 16437, Stop: 17243, Start Num: 25
Candidate Starts for Heath_18:
(Start: 25 @16437 has 25 MA's), (42, 16500), (54, 16566), (55, 16569), (58, 16587), (72, 16680), (75, 16701), (81, 16722), (108, 16857), (124, 16950), (148, 17049), (150, 17052), (156, 17085), (159, 17097), (160, 17100), (164, 17136),

Gene: Hekos_17 Start: 14423, Stop: 15223, Start Num: 26
Candidate Starts for Hekos_17:
(Start: 26 @14423 has 321 MA's), (42, 14486), (53, 14543), (54, 14552), (55, 14555), (69, 14651), (75, 14687), (101, 14804), (124, 14936), (128, 14951), (132, 14972), (135, 15002), (156, 15071), (164, 15122), (170, 15143), (180, 15197), (181, 15200),

Gene: Held_18 Start: 14407, Stop: 15207, Start Num: 26
Candidate Starts for Held_18:
(Start: 26 @14407 has 321 MA's), (42, 14470), (53, 14527), (54, 14536), (55, 14539), (69, 14635), (75, 14671), (101, 14788), (124, 14920), (128, 14935), (132, 14956), (135, 14986), (156, 15055), (164, 15106), (170, 15127), (180, 15181), (181, 15184),

Gene: Hendrix_60 Start: 33192, Stop: 34076, Start Num: 22
Candidate Starts for Hendrix_60:
(Start: 22 @33192 has 232 MA's), (Start: 34 @33216 has 1 MA's), (62, 33378), (72, 33438), (84, 33501), (119, 33645), (136, 33750), (145, 33771), (174, 33906),

Gene: HenryJackson_17 Start: 14421, Stop: 15221, Start Num: 26
Candidate Starts for HenryJackson_17:
(Start: 26 @14421 has 321 MA's), (42, 14484), (53, 14541), (54, 14550), (55, 14553), (69, 14649), (75, 14685), (101, 14802), (124, 14934), (128, 14949), (132, 14970), (135, 15000), (156, 15069), (164, 15120), (170, 15141), (180, 15195), (181, 15198),

Gene: Hermeonysus_29 Start: 17199, Stop: 17879, Start Num: 22
Candidate Starts for Hermeonysus_29:
(Start: 22 @17199 has 232 MA's), (46, 17286), (51, 17310), (62, 17385), (65, 17397), (72, 17445), (84, 17505), (115, 17634), (119, 17646), (128, 17694), (135, 17748), (156, 17808), (169, 17868),

Gene: Hertubise_18 Start: 14714, Stop: 15514, Start Num: 26
Candidate Starts for Hertubise_18:

(Start: 26 @14714 has 321 MA's), (42, 14777), (53, 14834), (54, 14843), (55, 14846), (69, 14942), (75, 14978), (101, 15095), (124, 15227), (128, 15242), (132, 15263), (135, 15293), (156, 15362), (164, 15413), (170, 15434), (180, 15488), (181, 15491),

Gene: Hetaeria_18 Start: 14717, Stop: 15517, Start Num: 26
Candidate Starts for Hetaeria_18:
(Start: 26 @14717 has 321 MA's), (42, 14780), (53, 14837), (54, 14846), (55, 14849), (69, 14945), (75, 14981), (101, 15098), (124, 15230), (128, 15245), (132, 15266), (135, 15296), (156, 15365), (164, 15416), (170, 15437), (180, 15491), (181, 15494),

Gene: HighStump_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for HighStump_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Hive_29 Start: 17336, Stop: 18256, Start Num: 16
Candidate Starts for Hive_29:
(Start: 16 @17336 has 24 MA's), (47, 17435), (49, 17441), (50, 17453), (53, 17468), (72, 17591), (81, 17633), (93, 17696), (115, 17792), (120, 17807), (130, 17858), (157, 17972), (158, 17978), (161, 17996), (163, 18014), (176, 18080), (196, 18176),

Gene: Hocus_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Hocus_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: HogWash_17 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for HogWash_17:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Honeyfin_31 Start: 17515, Stop: 18195, Start Num: 22
Candidate Starts for Honeyfin_31:
(Start: 22 @17515 has 232 MA's), (46, 17602), (51, 17626), (62, 17701), (65, 17713), (72, 17761), (84, 17821), (115, 17950), (119, 17962), (128, 18010), (135, 18064), (156, 18124),

Gene: Horchata_18 Start: 14686, Stop: 15486, Start Num: 26
Candidate Starts for Horchata_18:
(Start: 26 @14686 has 321 MA's), (42, 14749), (53, 14806), (54, 14815), (55, 14818), (69, 14914), (75, 14950), (101, 15067), (124, 15199), (128, 15214), (132, 15235), (135, 15265), (156, 15334), (164, 15385), (170, 15406), (180, 15460), (181, 15463),

Gene: Hosp_014 Start: 13184, Stop: 13993, Start Num: 28
Candidate Starts for Hosp_014:
(14, 13157), (20, 13175), (Start: 28 @13184 has 12 MA's), (54, 13313), (55, 13316), (72, 13427), (74, 13442), (75, 13448), (101, 13571), (132, 13739), (135, 13769), (164, 13889), (181, 13967), (185, 13982),

Gene: Hydro_18 Start: 16437, Stop: 17243, Start Num: 25
Candidate Starts for Hydro_18:

(Start: 25 @16437 has 25 MA's), (42, 16500), (54, 16566), (55, 16569), (58, 16587), (72, 16680), (75, 16701), (81, 16722), (105, 16839), (108, 16857), (124, 16950), (150, 17052), (156, 17085), (159, 17097), (160, 17100), (164, 17136),

Gene: Hyperion_27 Start: 17443, Stop: 18390, Start Num: 22
Candidate Starts for Hyperion_27:
(Start: 22 @17443 has 232 MA's), (Start: 34 @17467 has 1 MA's), (43, 17515), (52, 17563), (135, 18010), (136, 18013), (164, 18130), (189, 18235),

Gene: ImtiyazSitla_17 Start: 14246, Stop: 15046, Start Num: 26
Candidate Starts for ImtiyazSitla_17:
(Start: 26 @14246 has 321 MA's), (42, 14309), (53, 14366), (54, 14375), (55, 14378), (69, 14474), (75, 14510), (101, 14627), (124, 14759), (128, 14774), (132, 14795), (135, 14825), (156, 14894), (164, 14945), (170, 14966), (180, 15020), (181, 15023),

Gene: Imvubu_15 Start: 13940, Stop: 14740, Start Num: 28
Candidate Starts for Imvubu_15:
(Start: 28 @13940 has 12 MA's), (42, 14006), (44, 14012), (51, 14051), (55, 14075), (62, 14126), (72, 14186), (73, 14198), (74, 14201), (75, 14207), (96, 14300), (124, 14456), (146, 14549), (153, 14567), (156, 14591), (164, 14636), (170, 14657), (185, 14729),

Gene: Inchworm_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Inchworm_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: Indlovu_18 Start: 16278, Stop: 17087, Start Num: 28
Candidate Starts for Indlovu_18:
(Start: 28 @16278 has 12 MA's), (42, 16344), (55, 16413), (62, 16464), (73, 16536), (74, 16539), (75, 16545), (84, 16587), (94, 16632), (105, 16683), (119, 16764), (124, 16794), (146, 16896), (156, 16938), (164, 16983),

Gene: Inspectinfecti_25 Start: 19217, Stop: 19903, Start Num: 22
Candidate Starts for Inspectinfecti_25:
(Start: 22 @19217 has 232 MA's), (37, 19256), (42, 19286), (53, 19343), (75, 19487), (85, 19532), (97, 19586), (107, 19619), (137, 19775), (158, 19853), (160, 19859),

Gene: Inverness_18 Start: 14707, Stop: 15507, Start Num: 26
Candidate Starts for Inverness_18:
(Start: 26 @14707 has 321 MA's), (42, 14770), (53, 14827), (54, 14836), (55, 14839), (69, 14935), (75, 14971), (101, 15088), (124, 15220), (128, 15235), (132, 15256), (135, 15286), (156, 15355), (164, 15406), (170, 15427), (180, 15481), (181, 15484),

Gene: Iridessa_18 Start: 14375, Stop: 15175, Start Num: 26
Candidate Starts for Iridessa_18:
(Start: 26 @14375 has 321 MA's), (42, 14438), (53, 14495), (54, 14504), (55, 14507), (69, 14603), (75, 14639), (101, 14756), (124, 14888), (128, 14903), (132, 14924), (135, 14954), (156, 15023), (164, 15074), (170, 15095), (180, 15149), (181, 15152),

Gene: Iridoclysis_18 Start: 14679, Stop: 15479, Start Num: 26
Candidate Starts for Iridoclysis_18:

(Start: 26 @14679 has 321 MA's), (42, 14742), (53, 14799), (54, 14808), (55, 14811), (69, 14907), (75, 14943), (101, 15060), (124, 15192), (128, 15207), (132, 15228), (135, 15258), (156, 15327), (164, 15378), (170, 15399), (180, 15453), (181, 15456),

Gene: IsaacEli_18 Start: 14711, Stop: 15511, Start Num: 26
Candidate Starts for IsaacEli_18:
(Start: 26 @14711 has 321 MA's), (42, 14774), (53, 14831), (54, 14840), (55, 14843), (69, 14939), (75, 14975), (101, 15092), (124, 15224), (128, 15239), (132, 15260), (135, 15290), (156, 15359), (164, 15410), (170, 15431), (180, 15485), (181, 15488),

Gene: JAMaL_18 Start: 16621, Stop: 17427, Start Num: 25
Candidate Starts for JAMaL_18:
(Start: 25 @16621 has 25 MA's), (42, 16684), (54, 16750), (55, 16753), (58, 16771), (72, 16864), (75, 16885), (81, 16906), (108, 17041), (124, 17134), (135, 17200), (148, 17233), (150, 17236), (156, 17269), (164, 17320), (170, 17341), (181, 17398),

Gene: JDog_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for JDog_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (170, 15134), (180, 15188), (181, 15191),

Gene: JKSyngboy_22 Start: 18691, Stop: 19386, Start Num: 22
Candidate Starts for JKSyngboy_22:
(Start: 22 @18691 has 232 MA's), (37, 18730), (65, 18892), (97, 19063), (99, 19075), (136, 19249), (163, 19366), (167, 19381),

Gene: Jabberwocky_21 Start: 18506, Stop: 19201, Start Num: 22
Candidate Starts for Jabberwocky_21:
(Start: 22 @18506 has 232 MA's), (Start: 31 @18515 has 4 MA's), (37, 18545), (53, 18632), (65, 18707), (72, 18755), (85, 18821), (97, 18878), (99, 18890), (107, 18911), (136, 19064), (163, 19181), (167, 19196),

Gene: JacAttac_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for JacAttac_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: JaguarMi_19 Start: 16267, Stop: 17073, Start Num: 25
Candidate Starts for JaguarMi_19:
(Start: 25 @16267 has 25 MA's), (42, 16330), (55, 16399), (58, 16417), (72, 16510), (75, 16531), (81, 16552), (108, 16687), (124, 16780), (150, 16882), (156, 16915), (159, 16927), (160, 16930), (164, 16966),

Gene: JakeO_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for JakeO_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (170, 15134), (180, 15188), (181, 15191),

Gene: Jambalaya_22 Start: 14935, Stop: 15621, Start Num: 22
Candidate Starts for Jambalaya_22:

(Start: 22 @14935 has 232 MA's), (49, 15034), (75, 15205), (76, 15208), (102, 15328), (155, 15556), (156, 15559),

Gene: JangoPhett_18 Start: 14691, Stop: 15491, Start Num: 26
Candidate Starts for JangoPhett_18:
(Start: 26 @14691 has 321 MA's), (42, 14754), (53, 14811), (54, 14820), (55, 14823), (69, 14919), (75, 14955), (101, 15072), (124, 15204), (128, 15219), (132, 15240), (135, 15270), (156, 15339), (164, 15390), (170, 15411), (180, 15465), (181, 15468),

Gene: Jayden_31 Start: 17251, Stop: 17931, Start Num: 22
Candidate Starts for Jayden_31:
(Start: 22 @17251 has 232 MA's), (43, 17323), (46, 17338), (51, 17362), (65, 17449), (72, 17497), (84, 17557), (119, 17698), (128, 17746), (135, 17800), (156, 17860),

Gene: Jbug01_18 Start: 14278, Stop: 15078, Start Num: 26
Candidate Starts for Jbug01_18:
(Start: 26 @14278 has 321 MA's), (42, 14341), (53, 14398), (54, 14407), (55, 14410), (69, 14506), (75, 14542), (101, 14659), (124, 14791), (128, 14806), (132, 14827), (135, 14857), (156, 14926), (164, 14977), (180, 15052), (181, 15055),

Gene: Jefe_30 Start: 17252, Stop: 17932, Start Num: 22
Candidate Starts for Jefe_30:
(Start: 22 @17252 has 232 MA's), (46, 17339), (51, 17363), (62, 17438), (65, 17450), (72, 17498), (84, 17558), (115, 17687), (119, 17699), (128, 17747), (135, 17801), (156, 17861),

Gene: Jehoshaphat_30 Start: 17965, Stop: 18912, Start Num: 22
Candidate Starts for Jehoshaphat_30:
(Start: 22 @17965 has 232 MA's), (Start: 34 @17989 has 1 MA's), (43, 18037), (52, 18085), (136, 18535), (164, 18652), (189, 18757), (197, 18832),

Gene: JellyBelly_18 Start: 14586, Stop: 15398, Start Num: 26
Candidate Starts for JellyBelly_18:
(Start: 26 @14586 has 321 MA's), (Start: 34 @14604 has 1 MA's), (55, 14718), (62, 14769), (75, 14850), (81, 14871), (83, 14889), (120, 15069), (131, 15126), (132, 15132), (151, 15204), (156, 15234), (170, 15306), (181, 15363),

Gene: Jesabah_18 Start: 14419, Stop: 15219, Start Num: 26
Candidate Starts for Jesabah_18:
(Start: 26 @14419 has 321 MA's), (42, 14482), (53, 14539), (54, 14548), (55, 14551), (69, 14647), (75, 14683), (101, 14800), (124, 14932), (128, 14947), (132, 14968), (135, 14998), (156, 15067), (164, 15118), (170, 15139), (180, 15193), (181, 15196),

Gene: Jillium_17 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for Jillium_17:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: Jiminy_17 Start: 14254, Stop: 15054, Start Num: 26
Candidate Starts for Jiminy_17:
(Start: 26 @14254 has 321 MA's), (42, 14317), (53, 14374), (54, 14383), (55, 14386), (69, 14482), (75, 14518), (101, 14635), (124, 14767), (128, 14782), (132, 14803), (135, 14833), (156, 14902), (164, 14953), (180, 15028), (181, 15031),

Gene: Jiraiya_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for Jiraiya_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (170, 15134), (180, 15188), (181, 15191),

Gene: JohnLord_17 Start: 13031, Stop: 13834, Start Num: 31
Candidate Starts for JohnLord_17:
(Start: 31 @13031 has 4 MA's), (33, 13043), (36, 13058), (38, 13067), (40, 13076), (55, 13160), (62, 13211), (81, 13313), (82, 13316), (86, 13343), (95, 13382), (97, 13391), (109, 13460), (121, 13523), (151, 13649), (160, 13703),

Gene: JohnPork_22 Start: 15183, Stop: 15869, Start Num: 22
Candidate Starts for JohnPork_22:
(Start: 22 @15183 has 232 MA's), (53, 15309), (76, 15456), (102, 15576), (135, 15732), (143, 15759), (155, 15804), (156, 15807),

Gene: Jolie1_016 Start: 14954, Stop: 15760, Start Num: 28
Candidate Starts for Jolie1_016:
(Start: 28 @14954 has 12 MA's), (54, 15083), (55, 15086), (57, 15098), (72, 15197), (74, 15212), (75, 15218), (101, 15341), (132, 15509), (134, 15524), (135, 15539), (164, 15659),

Gene: Jollipop_30 Start: 17597, Stop: 18277, Start Num: 22
Candidate Starts for Jollipop_30:
(Start: 22 @17597 has 232 MA's), (46, 17684), (51, 17708), (62, 17783), (65, 17795), (72, 17843), (84, 17903), (115, 18032), (119, 18044), (128, 18092), (135, 18146), (156, 18206),

Gene: Jollymon_49 Start: 27058, Stop: 27801, Start Num: 30
Candidate Starts for Jollymon_49:
(Start: 30 @27058 has 7 MA's), (32, 27064), (49, 27148), (55, 27187), (62, 27238), (75, 27319), (80, 27337), (91, 27388), (92, 27394), (94, 27406), (110, 27493), (118, 27526), (124, 27565), (131, 27595), (156, 27703),

Gene: JoyceMaria_18 Start: 16440, Stop: 17246, Start Num: 25
Candidate Starts for JoyceMaria_18:
(Start: 25 @16440 has 25 MA's), (42, 16503), (54, 16569), (55, 16572), (58, 16590), (72, 16683), (75, 16704), (81, 16725), (105, 16842), (108, 16860), (124, 16953), (135, 17019), (150, 17055), (156, 17088), (159, 17100), (160, 17103), (164, 17139),

Gene: Judebell_30 Start: 17473, Stop: 18420, Start Num: 22
Candidate Starts for Judebell_30:
(Start: 22 @17473 has 232 MA's), (Start: 34 @17497 has 1 MA's), (43, 17545), (52, 17593), (135, 18040), (136, 18043), (164, 18160), (189, 18265), (197, 18340),

Gene: KLucky39_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for KLucky39_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: KSunshine22_78 Start: 47857, Stop: 48501, Start Num: 22
Candidate Starts for KSunshine22_78:

(Start: 22 @47857 has 232 MA's), (44, 47932), (51, 47971), (75, 48127), (117, 48307), (144, 48430),

Gene: Kahve_17 Start: 14421, Stop: 15221, Start Num: 26
Candidate Starts for Kahve_17:
(Start: 26 @14421 has 321 MA's), (42, 14484), (53, 14541), (54, 14550), (55, 14553), (69, 14649), (75, 14685), (101, 14802), (124, 14934), (128, 14949), (132, 14970), (135, 15000), (156, 15069), (164, 15120), (170, 15141), (180, 15195), (181, 15198),

Gene: KaiHaiDragon_30 Start: 17191, Stop: 17871, Start Num: 22
Candidate Starts for KaiHaiDragon_30:
(Start: 22 @17191 has 232 MA's), (46, 17278), (51, 17302), (62, 17377), (65, 17389), (72, 17437), (84, 17497), (115, 17626), (119, 17638), (128, 17686), (135, 17740), (156, 17800),

Gene: Kailash_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Kailash_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: Kamashten_24 Start: 19151, Stop: 19846, Start Num: 22
Candidate Starts for Kamashten_24:
(Start: 22 @19151 has 232 MA's), (Start: 31 @19160 has 4 MA's), (37, 19190), (53, 19277), (65, 19352), (97, 19523), (99, 19535), (107, 19556), (136, 19709), (163, 19826),

Gene: KarasumaRum_22 Start: 16657, Stop: 17460, Start Num: 28
Candidate Starts for KarasumaRum_22:
(Start: 13 @16624 has 11 MA's), (Start: 28 @16657 has 12 MA's), (51, 16765), (52, 16771), (54, 16786), (55, 16789), (58, 16807), (75, 16921), (132, 17206), (135, 17236), (156, 17305),

Gene: Karn_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for Karn_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (180, 15188), (181, 15191),

Gene: Katniss_18 Start: 14718, Stop: 15518, Start Num: 26
Candidate Starts for Katniss_18:
(Start: 26 @14718 has 321 MA's), (42, 14781), (53, 14838), (54, 14847), (55, 14850), (69, 14946), (75, 14982), (101, 15099), (124, 15231), (128, 15246), (132, 15267), (135, 15297), (156, 15366), (164, 15417), (170, 15438), (180, 15492), (181, 15495),

Gene: KayaCho_16 Start: 14971, Stop: 15777, Start Num: 28
Candidate Starts for KayaCho_16:
(14, 14944), (20, 14962), (Start: 28 @14971 has 12 MA's), (54, 15100), (55, 15103), (57, 15115), (72, 15214), (74, 15229), (75, 15235), (101, 15358), (132, 15526), (134, 15541), (164, 15676),

Gene: Keitabear_25 Start: 20691, Stop: 21386, Start Num: 22
Candidate Starts for Keitabear_25:
(Start: 22 @20691 has 232 MA's), (Start: 31 @20700 has 4 MA's), (37, 20730), (53, 20817), (65, 20892), (85, 21006), (97, 21063), (99, 21075), (107, 21096), (136, 21249), (163, 21366),

Gene: Keitherie_18 Start: 14719, Stop: 15519, Start Num: 26
Candidate Starts for Keitherie_18:

(Start: 26 @14719 has 321 MA's), (42, 14782), (53, 14839), (54, 14848), (55, 14851), (69, 14947), (75, 14983), (101, 15100), (124, 15232), (128, 15247), (132, 15268), (135, 15298), (156, 15367), (164, 15418), (180, 15493), (181, 15496),

Gene: Kelcole_26 Start: 16133, Stop: 17074, Start Num: 22
Candidate Starts for Kelcole_26:
(Start: 22 @16133 has 232 MA's), (38, 16178), (91, 16472), (128, 16643), (135, 16697), (136, 16700), (160, 16778), (173, 16847), (174, 16853), (175, 16868), (198, 17012),

Gene: Kewpiedoll_24 Start: 18532, Stop: 19227, Start Num: 22
Candidate Starts for Kewpiedoll_24:
(Start: 22 @18532 has 232 MA's), (Start: 31 @18541 has 4 MA's), (37, 18571), (53, 18658), (65, 18733), (85, 18847), (97, 18904), (99, 18916), (107, 18937), (136, 19090), (163, 19207), (167, 19222),

Gene: Khan1_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for Khan1_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (170, 15134), (180, 15188), (181, 15191),

Gene: Kikipoo_18 Start: 14711, Stop: 15511, Start Num: 26
Candidate Starts for Kikipoo_18:
(Start: 26 @14711 has 321 MA's), (42, 14774), (53, 14831), (54, 14840), (55, 14843), (69, 14939), (75, 14975), (101, 15092), (124, 15224), (128, 15239), (132, 15260), (135, 15290), (156, 15359), (164, 15410), (170, 15431), (180, 15485), (181, 15488),

Gene: KillerQueen_28 Start: 15928, Stop: 16869, Start Num: 22
Candidate Starts for KillerQueen_28:
(Start: 22 @15928 has 232 MA's), (38, 15973), (91, 16267), (128, 16438), (135, 16492), (136, 16495), (160, 16573), (173, 16642), (174, 16648), (175, 16663), (198, 16807),

Gene: Kimbrough_18 Start: 14409, Stop: 15209, Start Num: 26
Candidate Starts for Kimbrough_18:
(Start: 26 @14409 has 321 MA's), (42, 14472), (53, 14529), (54, 14538), (55, 14541), (69, 14637), (75, 14673), (101, 14790), (124, 14922), (128, 14937), (132, 14958), (135, 14988), (156, 15057), (164, 15108), (170, 15129), (180, 15183), (181, 15186),

Gene: KimmyK_24 Start: 15824, Stop: 16510, Start Num: 22
Candidate Starts for KimmyK_24:
(Start: 22 @15824 has 232 MA's), (49, 15923), (75, 16094), (76, 16097), (102, 16217), (155, 16445), (156, 16448),

Gene: KingTut_17 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for KingTut_17:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: KingVeVeVe_18 Start: 14688, Stop: 15488, Start Num: 26
Candidate Starts for KingVeVeVe_18:
(Start: 26 @14688 has 321 MA's), (42, 14751), (53, 14808), (54, 14817), (55, 14820), (69, 14916), (75, 14952), (101, 15069), (124, 15201), (128, 15216), (132, 15237), (135, 15267), (156, 15336), (164, 15387), (170, 15408), (180, 15462), (181, 15465),

Gene: KingstonB_47 Start: 26536, Stop: 27279, Start Num: 30
Candidate Starts for KingstonB_47:
(Start: 30 @26536 has 7 MA's), (32, 26542), (49, 26626), (55, 26665), (62, 26716), (75, 26797), (80, 26815), (91, 26866), (92, 26872), (94, 26884), (110, 26971), (118, 27004), (131, 27073), (156, 27181),

Gene: Kithara_28 Start: 17876, Stop: 18832, Start Num: 16
Candidate Starts for Kithara_28:
(Start: 16 @17876 has 24 MA's), (38, 17930), (52, 18005), (69, 18119), (72, 18134), (74, 18149), (76, 18158), (80, 18173), (88, 18212), (97, 18257), (113, 18329), (115, 18338), (136, 18452), (156, 18527), (171, 18605), (177, 18641), (199, 18797),

Gene: Kiwot_17 Start: 14260, Stop: 15060, Start Num: 26
Candidate Starts for Kiwot_17:
(Start: 26 @14260 has 321 MA's), (42, 14323), (53, 14380), (54, 14389), (55, 14392), (69, 14488), (75, 14524), (101, 14641), (124, 14773), (128, 14788), (132, 14809), (135, 14839), (156, 14908), (164, 14959), (180, 15034), (181, 15037),

Gene: KlimbOn_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for KlimbOn_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Kloppinator_18 Start: 14715, Stop: 15515, Start Num: 26
Candidate Starts for Kloppinator_18:
(Start: 26 @14715 has 321 MA's), (42, 14778), (53, 14835), (54, 14844), (55, 14847), (69, 14943), (75, 14979), (101, 15096), (124, 15228), (128, 15243), (132, 15264), (135, 15294), (156, 15363), (164, 15414), (170, 15435), (180, 15489), (181, 15492),

Gene: Knocker_22 Start: 18789, Stop: 19589, Start Num: 28
Candidate Starts for Knocker_22:
(Start: 28 @18789 has 12 MA's), (42, 18855), (53, 18912), (55, 18924), (62, 18975), (72, 19035), (73, 19047), (75, 19056), (84, 19098), (96, 19149), (97, 19155), (119, 19275), (135, 19371), (146, 19398), (153, 19416), (156, 19440), (164, 19485),

Gene: Kowalski_29 Start: 17307, Stop: 17987, Start Num: 22
Candidate Starts for Kowalski_29:
(Start: 22 @17307 has 232 MA's), (46, 17394), (51, 17418), (62, 17493), (65, 17505), (72, 17553), (84, 17613), (115, 17742), (119, 17754), (128, 17802), (135, 17856), (156, 17916),

Gene: Kozie_26 Start: 16975, Stop: 17667, Start Num: 22
Candidate Starts for Kozie_26:
(15, 16963), (Start: 22 @16975 has 232 MA's), (38, 17020), (51, 17086), (59, 17134), (62, 17161), (65, 17173), (67, 17200), (84, 17284), (112, 17398), (119, 17425), (136, 17530), (156, 17596),

Gene: Kroos_24 Start: 18774, Stop: 19469, Start Num: 22
Candidate Starts for Kroos_24:
(Start: 22 @18774 has 232 MA's), (37, 18813), (65, 18975), (97, 19146), (99, 19158), (136, 19332), (163, 19449), (167, 19464),

Gene: Kubulix_30 Start: 17445, Stop: 18365, Start Num: 16
Candidate Starts for Kubulix_30:

(Start: 16 @17445 has 24 MA's), (47, 17544), (49, 17550), (50, 17562), (53, 17577), (72, 17700), (81, 17742), (93, 17805), (115, 17901), (120, 17916), (130, 17967), (157, 18081), (158, 18087), (161, 18105), (163, 18123), (176, 18189), (196, 18285),

Gene: Kwadwo_17 Start: 14400, Stop: 15200, Start Num: 26
Candidate Starts for Kwadwo_17:
(Start: 26 @14400 has 321 MA's), (42, 14463), (53, 14520), (54, 14529), (55, 14532), (69, 14628), (75, 14664), (101, 14781), (124, 14913), (128, 14928), (132, 14949), (135, 14979), (156, 15048), (164, 15099), (170, 15120), (180, 15174), (181, 15177),

Gene: Kwekel_23 Start: 17125, Stop: 17814, Start Num: 21
Candidate Starts for Kwekel_23:
(Start: 21 @17125 has 20 MA's), (Start: 31 @17134 has 4 MA's), (Start: 34 @17149 has 1 MA's), (37, 17164), (49, 17224), (51, 17239), (53, 17251), (97, 17494), (99, 17506), (121, 17590), (135, 17677), (143, 17704), (148, 17716), (158, 17761),

Gene: Kwksand96_17 Start: 14264, Stop: 15064, Start Num: 26
Candidate Starts for Kwksand96_17:
(Start: 26 @14264 has 321 MA's), (42, 14327), (53, 14384), (54, 14393), (55, 14396), (69, 14492), (75, 14528), (101, 14645), (124, 14777), (128, 14792), (132, 14813), (135, 14843), (156, 14912), (164, 14963), (180, 15038), (181, 15041),

Gene: Kwobi_25 Start: 18757, Stop: 19452, Start Num: 22
Candidate Starts for Kwobi_25:
(8, 18697), (Start: 22 @18757 has 232 MA's), (37, 18796), (65, 18958), (97, 19129), (99, 19141), (163, 19432), (167, 19447),

Gene: Kyva_30 Start: 17694, Stop: 18641, Start Num: 22
Candidate Starts for Kyva_30:
(Start: 22 @17694 has 232 MA's), (Start: 34 @17718 has 1 MA's), (43, 17766), (52, 17814), (135, 18261), (136, 18264), (164, 18381), (189, 18486), (197, 18561),

Gene: Labeouficaum_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Labeouficaum_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Lambano_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for Lambano_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Larson_19 Start: 14716, Stop: 15516, Start Num: 26
Candidate Starts for Larson_19:
(Start: 26 @14716 has 321 MA's), (42, 14779), (53, 14836), (54, 14845), (55, 14848), (69, 14944), (75, 14980), (101, 15097), (124, 15229), (128, 15244), (132, 15265), (135, 15295), (156, 15364), (164, 15415), (170, 15436), (180, 15490), (181, 15493),

Gene: LasagnaCat_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for LasagnaCat_18:

(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Lasso_18 Start: 14678, Stop: 15478, Start Num: 26
Candidate Starts for Lasso_18:
(Start: 26 @14678 has 321 MA's), (42, 14741), (53, 14798), (54, 14807), (55, 14810), (69, 14906), (75, 14942), (101, 15059), (124, 15191), (128, 15206), (132, 15227), (135, 15257), (156, 15326), (164, 15377), (170, 15398), (180, 15452), (181, 15455),

Gene: Laure_85 Start: 50750, Stop: 51394, Start Num: 22
Candidate Starts for Laure_85:
(Start: 22 @50750 has 232 MA's), (35, 50783), (75, 51020), (89, 51083), (94, 51110), (97, 51122), (117, 51200),

Gene: LeeLot_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for LeeLot_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Lego3393_18 Start: 14715, Stop: 15515, Start Num: 26
Candidate Starts for Lego3393_18:
(Start: 26 @14715 has 321 MA's), (42, 14778), (53, 14835), (54, 14844), (55, 14847), (69, 14943), (75, 14979), (101, 15096), (124, 15228), (128, 15243), (132, 15264), (135, 15294), (156, 15363), (164, 15414), (170, 15435), (180, 15489), (181, 15492),

Gene: Legolas_17 Start: 14416, Stop: 15216, Start Num: 26
Candidate Starts for Legolas_17:
(Start: 26 @14416 has 321 MA's), (42, 14479), (53, 14536), (54, 14545), (55, 14548), (69, 14644), (75, 14680), (101, 14797), (124, 14929), (128, 14944), (132, 14965), (135, 14995), (156, 15064), (164, 15115), (170, 15136), (180, 15190), (181, 15193),

Gene: Lehmann_18 Start: 14243, Stop: 15043, Start Num: 26
Candidate Starts for Lehmann_18:
(Start: 26 @14243 has 321 MA's), (42, 14306), (53, 14363), (54, 14372), (55, 14375), (69, 14471), (75, 14507), (101, 14624), (124, 14756), (128, 14771), (132, 14792), (135, 14822), (156, 14891), (164, 14942), (170, 14963), (180, 15017), (181, 15020),

Gene: LeiMonet_18 Start: 14408, Stop: 15208, Start Num: 26
Candidate Starts for LeiMonet_18:
(Start: 26 @14408 has 321 MA's), (42, 14471), (53, 14528), (54, 14537), (55, 14540), (69, 14636), (75, 14672), (101, 14789), (124, 14921), (128, 14936), (132, 14957), (135, 14987), (156, 15056), (164, 15107), (170, 15128), (180, 15182), (181, 15185),

Gene: LemonSlice_18 Start: 14410, Stop: 15210, Start Num: 26
Candidate Starts for LemonSlice_18:
(Start: 26 @14410 has 321 MA's), (42, 14473), (53, 14530), (54, 14539), (55, 14542), (69, 14638), (75, 14674), (101, 14791), (124, 14923), (128, 14938), (132, 14959), (135, 14989), (156, 15058), (164, 15109), (170, 15130), (180, 15184), (181, 15187),

Gene: Lennon_25 Start: 19794, Stop: 20489, Start Num: 22
Candidate Starts for Lennon_25:

(Start: 22 @19794 has 232 MA's), (Start: 31 @19803 has 4 MA's), (37, 19833), (53, 19920), (65, 19995), (72, 20043), (97, 20166), (99, 20178), (107, 20199), (136, 20352), (163, 20469),

Gene: LeoJr_83 Start: 49893, Stop: 50540, Start Num: 22
Candidate Starts for LeoJr_83:
(Start: 22 @49893 has 232 MA's), (75, 50163), (117, 50343), (139, 50454),

Gene: Leonard_24 Start: 18794, Stop: 19480, Start Num: 22
Candidate Starts for Leonard_24:
(Start: 22 @18794 has 232 MA's), (37, 18833), (42, 18863), (53, 18920), (75, 19064), (85, 19109), (97, 19163), (107, 19196), (137, 19352), (158, 19430), (160, 19436),

Gene: Ligma_18 Start: 14690, Stop: 15502, Start Num: 27
Candidate Starts for Ligma_18:
(Start: 27 @14690 has 5 MA's), (Start: 34 @14708 has 1 MA's), (49, 14783), (53, 14810), (55, 14822), (61, 14867), (75, 14954), (81, 14975), (124, 15200), (131, 15230), (132, 15236), (156, 15338), (170, 15410), (181, 15467),

Gene: LilCahh_27 Start: 17086, Stop: 18009, Start Num: 34
Candidate Starts for LilCahh_27:
(Start: 22 @17062 has 232 MA's), (Start: 34 @17086 has 1 MA's), (43, 17134), (52, 17182), (136, 17632), (164, 17749), (189, 17854), (197, 17929),

Gene: LilHam_21 Start: 17354, Stop: 18049, Start Num: 22
Candidate Starts for LilHam_21:
(Start: 22 @17354 has 232 MA's), (37, 17393), (65, 17555), (97, 17726), (99, 17738), (136, 17912), (163, 18029), (167, 18044),

Gene: LilMcDreamy_18 Start: 16876, Stop: 17679, Start Num: 28
Candidate Starts for LilMcDreamy_18:
(Start: 28 @16876 has 12 MA's), (40, 16924), (51, 16984), (54, 17005), (55, 17008), (72, 17119), (75, 17140), (104, 17278), (108, 17299), (132, 17428), (135, 17458), (146, 17485), (156, 17527),

Gene: Lilbeanie_21 Start: 14165, Stop: 14857, Start Num: 22
Candidate Starts for Lilbeanie_21:
(Start: 22 @14165 has 232 MA's), (37, 14204), (49, 14267), (51, 14282), (88, 14495), (97, 14537), (155, 14792), (160, 14810),

Gene: LittleDigger_17 Start: 15380, Stop: 16186, Start Num: 25
Candidate Starts for LittleDigger_17:
(Start: 25 @15380 has 25 MA's), (42, 15443), (54, 15509), (55, 15512), (58, 15530), (72, 15623), (75, 15644), (81, 15665), (108, 15800), (124, 15893), (135, 15959), (148, 15992), (150, 15995), (156, 16028), (164, 16079), (170, 16100), (181, 16157),

Gene: LittleFortune_31 Start: 17557, Stop: 18237, Start Num: 22
Candidate Starts for LittleFortune_31:
(Start: 22 @17557 has 232 MA's), (46, 17644), (51, 17668), (62, 17743), (65, 17755), (72, 17803), (84, 17863), (115, 17992), (119, 18004), (128, 18052), (135, 18106), (156, 18166),

Gene: LittleMinkey_24 Start: 16090, Stop: 16890, Start Num: 26
Candidate Starts for LittleMinkey_24:
(Start: 26 @16090 has 321 MA's), (42, 16153), (54, 16219), (55, 16222), (75, 16354), (101, 16471), (108, 16510), (156, 16738), (166, 16795),

Gene: LittleMunchkin_19 Start: 16116, Stop: 16928, Start Num: 27
Candidate Starts for LittleMunchkin_19:
(Start: 27 @16116 has 5 MA's), (Start: 34 @16134 has 1 MA's), (49, 16209), (51, 16224), (54, 16245), (55, 16248), (75, 16380), (81, 16401), (83, 16419), (85, 16425), (132, 16662), (156, 16764), (160, 16779), (170, 16836), (181, 16893), (188, 16917),

Gene: Llemily_27 Start: 16741, Stop: 17688, Start Num: 22
Candidate Starts for Llemily_27:
(Start: 22 @16741 has 232 MA's), (Start: 34 @16765 has 1 MA's), (43, 16813), (52, 16861), (136, 17311), (164, 17428), (189, 17533), (197, 17608),

Gene: Lolalove_18 Start: 16434, Stop: 17240, Start Num: 25
Candidate Starts for Lolalove_18:
(Start: 25 @16434 has 25 MA's), (42, 16497), (54, 16563), (55, 16566), (58, 16584), (72, 16677), (75, 16698), (81, 16719), (105, 16836), (108, 16854), (124, 16947), (150, 17049), (156, 17082), (159, 17094), (160, 17097), (164, 17133),

Gene: Lonelysoil_27 Start: 16986, Stop: 17933, Start Num: 22
Candidate Starts for Lonelysoil_27:
(Start: 22 @16986 has 232 MA's), (Start: 34 @17010 has 1 MA's), (43, 17058), (52, 17106), (136, 17556), (164, 17673), (189, 17778), (197, 17853),

Gene: Longacauda_17 Start: 14402, Stop: 15202, Start Num: 26
Candidate Starts for Longacauda_17:
(Start: 26 @14402 has 321 MA's), (42, 14465), (53, 14522), (54, 14531), (55, 14534), (69, 14630), (75, 14666), (101, 14783), (124, 14915), (128, 14930), (132, 14951), (135, 14981), (156, 15050), (164, 15101), (170, 15122), (180, 15176), (181, 15179),

Gene: Lopsy_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Lopsy_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: LostAndPhound_17 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for LostAndPhound_17:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: Love_25 Start: 18669, Stop: 19364, Start Num: 22
Candidate Starts for Love_25:
(Start: 22 @18669 has 232 MA's), (Start: 31 @18678 has 4 MA's), (37, 18708), (53, 18795), (65, 18870), (85, 18984), (97, 19041), (99, 19053), (107, 19074), (136, 19227), (163, 19344), (167, 19359),

Gene: LuckyMarjie_17 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for LuckyMarjie_17:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: Lucretia_30 Start: 17244, Stop: 17924, Start Num: 22

Candidate Starts for Lucretia_30:
(Start: 22 @17244 has 232 MA's), (46, 17331), (51, 17355), (62, 17430), (65, 17442), (72, 17490), (84, 17550), (115, 17679), (119, 17691), (128, 17739), (135, 17793), (156, 17853),

Gene: Lulumae_17 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for Lulumae_17:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: Lulwa_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Lulwa_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: Lumine_17 Start: 14394, Stop: 15194, Start Num: 26
Candidate Starts for Lumine_17:
(Start: 26 @14394 has 321 MA's), (42, 14457), (53, 14514), (54, 14523), (55, 14526), (69, 14622), (75, 14658), (101, 14775), (124, 14907), (128, 14922), (132, 14943), (135, 14973), (156, 15042), (164, 15093), (170, 15114), (180, 15168), (181, 15171),

Gene: MRabcd_17 Start: 14403, Stop: 15203, Start Num: 26
Candidate Starts for MRabcd_17:
(Start: 26 @14403 has 321 MA's), (42, 14466), (53, 14523), (54, 14532), (55, 14535), (69, 14631), (75, 14667), (101, 14784), (124, 14916), (128, 14931), (132, 14952), (135, 14982), (156, 15051), (164, 15102), (170, 15123), (180, 15177), (181, 15180),

Gene: Mag7_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Mag7_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Magic8_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for Magic8_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (170, 15416), (180, 15470), (181, 15473),

Gene: Magpie_18 Start: 16625, Stop: 17431, Start Num: 25
Candidate Starts for Magpie_18:
(Start: 25 @16625 has 25 MA's), (42, 16688), (54, 16754), (55, 16757), (58, 16775), (72, 16868), (75, 16889), (81, 16910), (105, 17027), (108, 17045), (124, 17138), (150, 17240), (156, 17273), (159, 17285), (160, 17288), (164, 17324),

Gene: Maih_16 Start: 16945, Stop: 17643, Start Num: 23
Candidate Starts for Maih_16:
(Start: 23 @16945 has 13 MA's), (36, 16975), (40, 16993), (49, 17035), (50, 17047), (53, 17062), (55, 17074), (72, 17185), (75, 17206), (85, 17251), (100, 17317), (112, 17362), (129, 17437), (135, 17485), (136, 17488), (143, 17518), (148, 17530), (156, 17566), (169, 17632),

Gene: Makar_50 Start: 26991, Stop: 27743, Start Num: 30

Candidate Starts for Makar_50:
(Start: 30 @26991 has 7 MA's), (32, 26997), (52, 27102), (55, 27120), (62, 27171), (72, 27231), (75, 27252), (80, 27270), (91, 27321), (92, 27327), (94, 27339), (96, 27345), (110, 27426), (118, 27459), (131, 27528), (135, 27564),

Gene: MakoManhole_20 Start: 16106, Stop: 16915, Start Num: 26
Candidate Starts for MakoManhole_20:
(Start: 26 @16106 has 321 MA's), (Start: 34 @16124 has 1 MA's), (49, 16199), (55, 16238), (61, 16283), (75, 16370), (81, 16391), (83, 16409), (85, 16415), (94, 16457), (132, 16652), (156, 16754), (170, 16826), (181, 16883),

Gene: Mana_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Mana_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Manad_17 Start: 14256, Stop: 15056, Start Num: 26
Candidate Starts for Manad_17:
(Start: 26 @14256 has 321 MA's), (42, 14319), (53, 14376), (54, 14385), (55, 14388), (69, 14484), (75, 14520), (101, 14637), (124, 14769), (128, 14784), (132, 14805), (135, 14835), (156, 14904), (164, 14955), (170, 14976), (180, 15030), (181, 15033),

Gene: Mao1_16 Start: 13724, Stop: 14527, Start Num: 31
Candidate Starts for Mao1_16:
(Start: 31 @13724 has 4 MA's), (33, 13736), (36, 13751), (38, 13760), (40, 13769), (55, 13853), (62, 13904), (81, 14006), (82, 14009), (86, 14036), (95, 14075), (97, 14084), (109, 14153), (121, 14216), (151, 14342), (160, 14396),

Gene: Marcie_32 Start: 16766, Stop: 17707, Start Num: 22
Candidate Starts for Marcie_32:
(Start: 22 @16766 has 232 MA's), (38, 16811), (91, 17105), (128, 17276), (135, 17330), (136, 17333), (145, 17351), (160, 17411), (173, 17480), (174, 17486), (175, 17501), (193, 17603), (198, 17645),

Gene: Mareelih_87 Start: 43849, Stop: 44493, Start Num: 22
Candidate Starts for Mareelih_87:
(Start: 22 @43849 has 232 MA's), (38, 43891), (51, 43960), (117, 44296), (123, 44320), (124, 44332), (125, 44335), (133, 44374),

Gene: Margaery_25 Start: 16606, Stop: 17301, Start Num: 22
Candidate Starts for Margaery_25:
(15, 16594), (Start: 22 @16606 has 232 MA's), (51, 16717), (55, 16741), (62, 16792), (65, 16804), (72, 16852), (78, 16888), (84, 16915), (112, 17029), (119, 17056), (135, 17158), (163, 17272),

Gene: Mariokart_18 Start: 14585, Stop: 15397, Start Num: 26
Candidate Starts for Mariokart_18:
(Start: 26 @14585 has 321 MA's), (Start: 34 @14603 has 1 MA's), (55, 14717), (62, 14768), (75, 14849), (81, 14870), (83, 14888), (120, 15068), (128, 15110), (131, 15125), (132, 15131), (151, 15203), (156, 15233), (170, 15305), (181, 15362),

Gene: Maru_17 Start: 14404, Stop: 15204, Start Num: 26
Candidate Starts for Maru_17:

(Start: 26 @14404 has 321 MA's), (42, 14467), (53, 14524), (54, 14533), (55, 14536), (69, 14632), (75, 14668), (101, 14785), (124, 14917), (128, 14932), (132, 14953), (135, 14983), (156, 15052), (164, 15103), (170, 15124), (180, 15178), (181, 15181),

Gene: Mashley_26 Start: 17257, Stop: 18204, Start Num: 22
Candidate Starts for Mashley_26:
(Start: 22 @17257 has 232 MA's), (Start: 34 @17281 has 1 MA's), (43, 17329), (52, 17377), (135, 17824), (136, 17827), (164, 17944), (189, 18049),

Gene: Mask_17 Start: 13725, Stop: 14528, Start Num: 31
Candidate Starts for Mask_17:
(Start: 31 @13725 has 4 MA's), (33, 13737), (36, 13752), (38, 13761), (40, 13770), (55, 13854), (62, 13905), (81, 14007), (82, 14010), (86, 14037), (95, 14076), (97, 14085), (109, 14154), (121, 14217), (151, 14343), (160, 14397),

Gene: Maskar_17 Start: 14246, Stop: 15046, Start Num: 26
Candidate Starts for Maskar_17:
(Start: 26 @14246 has 321 MA's), (42, 14309), (53, 14366), (54, 14375), (55, 14378), (69, 14474), (75, 14510), (101, 14627), (124, 14759), (128, 14774), (132, 14795), (135, 14825), (156, 14894), (164, 14945), (170, 14966), (180, 15020), (181, 15023),

Gene: Matalotodo_18 Start: 14694, Stop: 15494, Start Num: 26
Candidate Starts for Matalotodo_18:
(Start: 26 @14694 has 321 MA's), (42, 14757), (53, 14814), (54, 14823), (55, 14826), (69, 14922), (75, 14958), (101, 15075), (124, 15207), (128, 15222), (132, 15243), (135, 15273), (156, 15342), (164, 15393), (170, 15414), (180, 15468), (181, 15471),

Gene: Matzah_26 Start: 16640, Stop: 17332, Start Num: 22
Candidate Starts for Matzah_26:
(15, 16628), (Start: 22 @16640 has 232 MA's), (38, 16685), (51, 16751), (55, 16775), (62, 16826), (65, 16838), (72, 16886), (78, 16922), (84, 16949), (112, 17063), (119, 17090), (135, 17192), (136, 17195), (163, 17306),

Gene: McCrothy_24 Start: 18574, Stop: 19269, Start Num: 22
Candidate Starts for McCrothy_24:
(Start: 22 @18574 has 232 MA's), (Start: 31 @18583 has 4 MA's), (37, 18613), (53, 18700), (65, 18775), (85, 18889), (97, 18946), (99, 18958), (107, 18979), (136, 19132), (163, 19249), (167, 19264),

Gene: McKinley_24 Start: 18700, Stop: 19395, Start Num: 22
Candidate Starts for McKinley_24:
(Start: 22 @18700 has 232 MA's), (Start: 31 @18709 has 4 MA's), (37, 18739), (53, 18826), (65, 18901), (85, 19015), (97, 19072), (99, 19084), (107, 19105), (136, 19258), (163, 19375), (167, 19390),

Gene: Mcshane_17 Start: 14400, Stop: 15200, Start Num: 26
Candidate Starts for Mcshane_17:
(Start: 26 @14400 has 321 MA's), (42, 14463), (53, 14520), (54, 14529), (55, 14532), (69, 14628), (75, 14664), (101, 14781), (124, 14913), (128, 14928), (132, 14949), (135, 14979), (156, 15048), (164, 15099), (170, 15120), (180, 15174), (181, 15177),

Gene: Mecca_17 Start: 14397, Stop: 15197, Start Num: 26
Candidate Starts for Mecca_17:
(Start: 26 @14397 has 321 MA's), (42, 14460), (53, 14517), (54, 14526), (55, 14529), (69, 14625), (75, 14661), (101, 14778), (124, 14910), (128, 14925), (132, 14946), (135, 14976), (156, 15045), (164,

15096), (170, 15117), (180, 15171), (181, 15174),

Gene: Megamind20_18 Start: 14419, Stop: 15219, Start Num: 26
Candidate Starts for Megamind20_18:
(Start: 26 @14419 has 321 MA's), (42, 14482), (53, 14539), (54, 14548), (55, 14551), (69, 14647), (75, 14683), (101, 14800), (124, 14932), (128, 14947), (132, 14968), (135, 14998), (156, 15067), (164, 15118), (170, 15139), (180, 15193), (181, 15196),

Gene: Megan_24 Start: 18489, Stop: 19178, Start Num: 22
Candidate Starts for Megan_24:
(Start: 22 @18489 has 232 MA's), (43, 18561), (47, 18579), (51, 18600), (62, 18675), (72, 18735), (84, 18795), (119, 18936), (128, 18984), (135, 19038), (156, 19110), (160, 19125),

Gene: Megatron_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Megatron_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: MelBins_25 Start: 18998, Stop: 19684, Start Num: 22
Candidate Starts for MelBins_25:
(Start: 22 @18998 has 232 MA's), (37, 19037), (53, 19124), (72, 19247), (85, 19313), (97, 19367), (107, 19400), (158, 19634), (160, 19640),

Gene: Melc17_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Melc17_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: MellowYellow_26 Start: 15987, Stop: 16907, Start Num: 16
Candidate Starts for MellowYellow_26:
(Start: 16 @15987 has 24 MA's), (47, 16086), (49, 16092), (50, 16104), (53, 16119), (72, 16242), (81, 16284), (93, 16347), (115, 16443), (120, 16458), (130, 16509), (157, 16623), (158, 16629), (161, 16647), (163, 16665), (176, 16731), (196, 16827),

Gene: MelsMeow_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for MelsMeow_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (180, 15032), (181, 15035),

Gene: MementoMori_26 Start: 16362, Stop: 17060, Start Num: 22
Candidate Starts for MementoMori_26:
(15, 16350), (Start: 22 @16362 has 232 MA's), (51, 16473), (55, 16497), (62, 16548), (65, 16560), (72, 16608), (78, 16644), (84, 16671), (112, 16785), (119, 16812), (135, 16914), (163, 17028),

Gene: Mentos_30 Start: 18368, Stop: 19291, Start Num: 34
Candidate Starts for Mentos_30:
(Start: 22 @18344 has 232 MA's), (Start: 34 @18368 has 1 MA's), (43, 18416), (52, 18464), (135, 18911), (136, 18914), (164, 19031), (189, 19136), (197, 19211),

Gene: Merry_ Start: 17321, Stop: 17998, Start Num: 22

Candidate Starts for Merry_:
(Start: 22 @17321 has 232 MA's), (43, 17393), (46, 17408), (48, 17414), (55, 17456), (61, 17501), (62, 17507), (65, 17519), (67, 17546), (72, 17567), (84, 17627), (102, 17705), (112, 17741), (128, 17816), (135, 17870), (153, 17906), (156, 17930),

Gene: Mesh1_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Mesh1_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: Mesmerelda_17 Start: 14400, Stop: 15200, Start Num: 26
Candidate Starts for Mesmerelda_17:
(Start: 26 @14400 has 321 MA's), (42, 14463), (53, 14520), (54, 14529), (55, 14532), (69, 14628), (75, 14664), (101, 14781), (124, 14913), (128, 14928), (132, 14949), (135, 14979), (156, 15048), (164, 15099), (170, 15120), (180, 15174), (181, 15177),

Gene: Metamorphoo_30 Start: 17104, Stop: 17784, Start Num: 22
Candidate Starts for Metamorphoo_30:
(Start: 22 @17104 has 232 MA's), (46, 17191), (61, 17284), (62, 17290), (65, 17302), (72, 17350), (84, 17410), (112, 17524), (128, 17599), (135, 17653), (156, 17713), (169, 17773),

Gene: MichaelPhcott_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for MichaelPhcott_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Mikota_18 Start: 14685, Stop: 15485, Start Num: 26
Candidate Starts for Mikota_18:
(Start: 26 @14685 has 321 MA's), (42, 14748), (53, 14805), (54, 14814), (55, 14817), (69, 14913), (75, 14949), (101, 15066), (124, 15198), (128, 15213), (132, 15234), (135, 15264), (156, 15333), (164, 15384), (170, 15405), (180, 15459), (181, 15462),

Gene: Mila11_30 Start: 18230, Stop: 19177, Start Num: 22
Candidate Starts for Mila11_30:
(Start: 22 @18230 has 232 MA's), (Start: 34 @18254 has 1 MA's), (43, 18302), (52, 18350), (135, 18797), (136, 18800), (164, 18917), (189, 19022),

Gene: Mimi_83 Start: 50513, Stop: 51169, Start Num: 22
Candidate Starts for Mimi_83:
(Start: 22 @50513 has 232 MA's), (61, 50696), (75, 50783), (117, 50963), (124, 50999), (125, 51002),

Gene: MiniBoss_18 Start: 14687, Stop: 15487, Start Num: 26
Candidate Starts for MiniBoss_18:
(Start: 26 @14687 has 321 MA's), (42, 14750), (53, 14807), (54, 14816), (55, 14819), (69, 14915), (75, 14951), (101, 15068), (124, 15200), (128, 15215), (132, 15236), (135, 15266), (156, 15335), (164, 15386), (170, 15407), (180, 15461), (181, 15464),

Gene: Minnow_17 Start: 14979, Stop: 15785, Start Num: 28
Candidate Starts for Minnow_17:
(14, 14952), (20, 14970), (Start: 28 @14979 has 12 MA's), (54, 15108), (55, 15111), (57, 15123), (72, 15222), (74, 15237), (75, 15243), (101, 15366), (132, 15534), (134, 15549), (164, 15684),

Gene: Mischief19_24 Start: 26870, Stop: 27550, Start Num: 23
Candidate Starts for Mischief19_24:
(11, 26825), (12, 26831), (Start: 23 @26870 has 13 MA's), (38, 26909), (44, 26939), (53, 26990), (71, 27104), (74, 27128), (81, 27155), (91, 27200), (113, 27296), (131, 27377), (136, 27416), (141, 27422), (143, 27437), (148, 27449), (168, 27539),

Gene: MisoSoup_21 Start: 13023, Stop: 13928, Start Num: 22
Candidate Starts for MisoSoup_21:
(Start: 22 @13023 has 232 MA's), (Start: 34 @13047 has 1 MA's), (65, 13224), (112, 13455), (119, 13482), (123, 13500), (126, 13518), (131, 13548), (135, 13584), (147, 13614), (162, 13683), (194, 13860),

Gene: MitKao_18 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for MitKao_18:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Mithril_18 Start: 16440, Stop: 17246, Start Num: 25
Candidate Starts for Mithril_18:
(Start: 25 @16440 has 25 MA's), (42, 16503), (54, 16569), (55, 16572), (58, 16590), (72, 16683), (75, 16704), (81, 16725), (105, 16842), (108, 16860), (124, 16953), (135, 17019), (150, 17055), (156, 17088), (159, 17100), (160, 17103), (164, 17139),

Gene: MoontowerMania_22 Start: 17714, Stop: 18409, Start Num: 22
Candidate Starts for MoontowerMania_22:
(Start: 22 @17714 has 232 MA's), (Start: 31 @17723 has 4 MA's), (37, 17753), (53, 17840), (65, 17915), (85, 18029), (97, 18086), (99, 18098), (107, 18119), (136, 18272), (163, 18389), (167, 18404),

Gene: Morgushi_18 Start: 14410, Stop: 15210, Start Num: 26
Candidate Starts for Morgushi_18:
(Start: 26 @14410 has 321 MA's), (42, 14473), (53, 14530), (54, 14539), (55, 14542), (69, 14638), (75, 14674), (101, 14791), (124, 14923), (128, 14938), (132, 14959), (135, 14989), (156, 15058), (164, 15109), (170, 15130), (180, 15184), (181, 15187),

Gene: MorillMayhem_28 Start: 17256, Stop: 18203, Start Num: 22
Candidate Starts for MorillMayhem_28:
(Start: 22 @17256 has 232 MA's), (Start: 34 @17280 has 1 MA's), (43, 17328), (52, 17376), (135, 17823), (136, 17826), (164, 17943), (189, 18048),

Gene: Morty_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Morty_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: Mosaic_17 Start: 14413, Stop: 15213, Start Num: 26
Candidate Starts for Mosaic_17:
(Start: 26 @14413 has 321 MA's), (42, 14476), (53, 14533), (54, 14542), (55, 14545), (69, 14641), (75, 14677), (101, 14794), (124, 14926), (128, 14941), (132, 14962), (135, 14992), (156, 15061), (164, 15112), (170, 15133), (180, 15187), (181, 15190),

Gene: MossRose_20 Start: 16085, Stop: 16894, Start Num: 26
Candidate Starts for MossRose_20:
(Start: 26 @16085 has 321 MA's), (Start: 34 @16103 has 1 MA's), (49, 16178), (55, 16217), (61, 16262), (75, 16349), (81, 16370), (83, 16388), (85, 16394), (94, 16436), (132, 16631), (156, 16733), (170, 16805), (181, 16862),

Gene: MrPhizzler_18 Start: 14411, Stop: 15211, Start Num: 26
Candidate Starts for MrPhizzler_18:
(Start: 26 @14411 has 321 MA's), (42, 14474), (53, 14531), (54, 14540), (55, 14543), (69, 14639), (75, 14675), (101, 14792), (124, 14924), (128, 14939), (132, 14960), (135, 14990), (156, 15059), (164, 15110), (170, 15131), (180, 15185), (181, 15188),

Gene: Mudslide_18 Start: 16685, Stop: 17491, Start Num: 25
Candidate Starts for Mudslide_18:
(Start: 25 @16685 has 25 MA's), (42, 16748), (54, 16814), (55, 16817), (58, 16835), (72, 16928), (75, 16949), (81, 16970), (97, 17048), (108, 17105), (124, 17198), (150, 17300), (156, 17333), (159, 17345), (160, 17348), (164, 17384),

Gene: Mulan_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Mulan_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Murdoc_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Murdoc_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Mutante_17 Start: 14409, Stop: 15209, Start Num: 26
Candidate Starts for Mutante_17:
(Start: 26 @14409 has 321 MA's), (42, 14472), (53, 14529), (54, 14538), (55, 14541), (69, 14637), (75, 14673), (101, 14790), (124, 14922), (128, 14937), (132, 14958), (135, 14988), (156, 15057), (164, 15108), (170, 15129), (180, 15183), (181, 15186),

Gene: Mutzi_24 Start: 15524, Stop: 16207, Start Num: 22
Candidate Starts for Mutzi_24:
(Start: 22 @15524 has 232 MA's), (76, 15797), (102, 15917), (135, 16073), (143, 16100), (155, 16145), (156, 16148), (160, 16163),

Gene: Mysterious_20 Start: 16746, Stop: 17582, Start Num: 13
Candidate Starts for Mysterious_20:
(Start: 13 @16746 has 11 MA's), (Start: 28 @16779 has 12 MA's), (51, 16887), (54, 16908), (55, 16911), (58, 16929), (62, 16962), (75, 17043), (97, 17142), (132, 17328), (135, 17358), (146, 17385), (156, 17427),

Gene: NHagos_18 Start: 14592, Stop: 15401, Start Num: 26
Candidate Starts for NHagos_18:
(Start: 26 @14592 has 321 MA's), (Start: 34 @14610 has 1 MA's), (49, 14685), (51, 14700), (54, 14721), (55, 14724), (61, 14769), (81, 14877), (83, 14895), (124, 15102), (132, 15138), (156, 15240), (170, 15312), (181, 15369),

Gene: Nacho_0018 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Nacho_0018:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Namago_28 Start: 16824, Stop: 17771, Start Num: 22
Candidate Starts for Namago_28:
(Start: 22 @16824 has 232 MA's), (Start: 34 @16848 has 1 MA's), (43, 16896), (52, 16944), (135, 17391), (136, 17394), (164, 17511), (189, 17616), (197, 17691),

Gene: Nanao_17 Start: 15372, Stop: 16178, Start Num: 25
Candidate Starts for Nanao_17:
(Start: 25 @15372 has 25 MA's), (42, 15435), (54, 15501), (55, 15504), (58, 15522), (72, 15615), (75, 15636), (81, 15657), (108, 15792), (124, 15885), (135, 15951), (148, 15984), (150, 15987), (156, 16020), (164, 16071), (170, 16092), (181, 16149),

Gene: Nangang_20 Start: 16468, Stop: 17304, Start Num: 13
Candidate Starts for Nangang_20:
(Start: 13 @16468 has 11 MA's), (Start: 28 @16501 has 12 MA's), (51, 16609), (54, 16630), (55, 16633), (58, 16651), (75, 16765), (127, 17023), (132, 17050), (146, 17107), (156, 17149),

Gene: Nathan_18 Start: 14709, Stop: 15509, Start Num: 26
Candidate Starts for Nathan_18:
(Start: 26 @14709 has 321 MA's), (42, 14772), (53, 14829), (54, 14838), (55, 14841), (69, 14937), (75, 14973), (101, 15090), (124, 15222), (128, 15237), (132, 15258), (135, 15288), (156, 15357), (164, 15408), (170, 15429), (180, 15483), (181, 15486),

Gene: Natkenzie_24 Start: 18925, Stop: 19614, Start Num: 21
Candidate Starts for Natkenzie_24:
(6, 18841), (8, 18868), (Start: 21 @18925 has 20 MA's), (37, 18964), (40, 18979), (51, 19039), (97, 19294), (158, 19561), (163, 19597),

Gene: Nehemiah_19 Start: 16746, Stop: 17582, Start Num: 13
Candidate Starts for Nehemiah_19:
(Start: 13 @16746 has 11 MA's), (Start: 28 @16779 has 12 MA's), (51, 16887), (54, 16908), (55, 16911), (58, 16929), (62, 16962), (75, 17043), (97, 17142), (132, 17328), (135, 17358), (146, 17385), (156, 17427),

Gene: Nehme_17 Start: 14402, Stop: 15202, Start Num: 26
Candidate Starts for Nehme_17:
(Start: 26 @14402 has 321 MA's), (42, 14465), (53, 14522), (54, 14531), (55, 14534), (69, 14630), (75, 14666), (101, 14783), (124, 14915), (128, 14930), (132, 14951), (135, 14981), (156, 15050), (164, 15101), (170, 15122), (180, 15176), (181, 15179),

Gene: Newman_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Newman_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: NiaNia_18 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for NiaNia_18:

(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: Nicole21_18 Start: 14691, Stop: 15491, Start Num: 26
Candidate Starts for Nicole21_18:
(Start: 26 @14691 has 321 MA's), (42, 14754), (53, 14811), (54, 14820), (55, 14823), (69, 14919), (75, 14955), (101, 15072), (124, 15204), (128, 15219), (132, 15240), (135, 15270), (156, 15339), (164, 15390), (170, 15411), (180, 15465), (181, 15468),

Gene: Nicole72_25 Start: 18875, Stop: 19567, Start Num: 22
Candidate Starts for Nicole72_25:
(Start: 22 @18875 has 232 MA's), (42, 18944), (51, 18986), (62, 19061), (69, 19106), (72, 19121), (84, 19181), (112, 19295), (123, 19340), (128, 19370), (135, 19424), (138, 19430), (156, 19499), (160, 19514),

Gene: Nigel_16 Start: 15288, Stop: 16094, Start Num: 26
Candidate Starts for Nigel_16:
(9, 15228), (Start: 26 @15288 has 321 MA's), (42, 15351), (54, 15417), (55, 15420), (58, 15438), (72, 15531), (75, 15552), (81, 15573), (108, 15708), (124, 15801), (150, 15903), (156, 15936), (159, 15948), (160, 15951), (164, 15987), (170, 16008),

Gene: Nikan_25 Start: 16500, Stop: 17420, Start Num: 16
Candidate Starts for Nikan_25:
(Start: 16 @16500 has 24 MA's), (41, 16569), (53, 16632), (70, 16743), (72, 16755), (81, 16797), (96, 16872), (123, 16986), (130, 17022), (140, 17076), (157, 17136), (158, 17142), (165, 17187), (176, 17244),

Gene: Nike_28 Start: 17776, Stop: 18723, Start Num: 22
Candidate Starts for Nike_28:
(Start: 22 @17776 has 232 MA's), (Start: 34 @17800 has 1 MA's), (43, 17848), (52, 17896), (72, 18025), (135, 18343), (136, 18346), (164, 18463), (189, 18568),

Gene: NoodlelyBoi_30 Start: 17634, Stop: 18314, Start Num: 22
Candidate Starts for NoodlelyBoi_30:
(Start: 22 @17634 has 232 MA's), (46, 17721), (51, 17745), (62, 17820), (65, 17832), (72, 17880), (84, 17940), (119, 18081), (128, 18129), (135, 18183), (156, 18243),

Gene: Nordenberg_18 Start: 16979, Stop: 17674, Start Num: 22
Candidate Starts for Nordenberg_18:
(Start: 22 @16979 has 232 MA's), (Start: 31 @16988 has 4 MA's), (37, 17018), (53, 17105), (65, 17180), (85, 17294), (97, 17351), (99, 17363), (107, 17384), (136, 17537), (163, 17654), (167, 17669),

Gene: Nova1_17 Start: 14272, Stop: 15072, Start Num: 26
Candidate Starts for Nova1_17:
(Start: 26 @14272 has 321 MA's), (42, 14335), (53, 14392), (54, 14401), (55, 14404), (69, 14500), (75, 14536), (101, 14653), (124, 14785), (128, 14800), (132, 14821), (135, 14851), (156, 14920), (164, 14971), (180, 15046), (181, 15049),

Gene: Nubi_22 Start: 15176, Stop: 15862, Start Num: 22
Candidate Starts for Nubi_22:
(Start: 22 @15176 has 232 MA's), (49, 15275), (75, 15446), (76, 15449), (102, 15569), (155, 15797), (156, 15800),

Gene: Numberten_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Numberten_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Nyala_17 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for Nyala_17:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: NyleyClemson_24 Start: 15932, Stop: 16852, Start Num: 16
Candidate Starts for NyleyClemson_24:
(Start: 16 @15932 has 24 MA's), (47, 16031), (49, 16037), (50, 16049), (53, 16064), (72, 16187), (81, 16229), (93, 16292), (115, 16388), (120, 16403), (130, 16454), (157, 16568), (158, 16574), (161, 16592), (163, 16610), (176, 16676), (196, 16772),

Gene: OSmaximus_18 Start: 14709, Stop: 15509, Start Num: 26
Candidate Starts for OSmaximus_18:
(Start: 26 @14709 has 321 MA's), (42, 14772), (53, 14829), (54, 14838), (55, 14841), (69, 14937), (75, 14973), (101, 15090), (124, 15222), (128, 15237), (132, 15258), (135, 15288), (156, 15357), (164, 15408), (170, 15429), (180, 15483), (181, 15486),

Gene: Odyssey395_31 Start: 17447, Stop: 18367, Start Num: 16
Candidate Starts for Odyssey395_31:
(Start: 16 @17447 has 24 MA's), (47, 17546), (49, 17552), (50, 17564), (53, 17579), (72, 17702), (81, 17744), (93, 17807), (115, 17903), (120, 17918), (130, 17969), (157, 18083), (158, 18089), (161, 18107), (163, 18125), (176, 18191), (196, 18287),

Gene: Olak_17 Start: 14398, Stop: 15198, Start Num: 26
Candidate Starts for Olak_17:
(Start: 26 @14398 has 321 MA's), (42, 14461), (53, 14518), (54, 14527), (55, 14530), (69, 14626), (75, 14662), (101, 14779), (124, 14911), (128, 14926), (132, 14947), (135, 14977), (156, 15046), (164, 15097), (170, 15118), (180, 15172), (181, 15175),

Gene: Oline_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Oline_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Olive_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Olive_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: OliverWalter_18 Start: 14707, Stop: 15507, Start Num: 26
Candidate Starts for OliverWalter_18:
(Start: 26 @14707 has 321 MA's), (42, 14770), (53, 14827), (54, 14836), (55, 14839), (69, 14935), (75, 14971), (101, 15088), (124, 15220), (128, 15235), (132, 15256), (135, 15286), (156, 15355), (164,

15406), (170, 15427), (180, 15481), (181, 15484),

Gene: Ollypop_27 Start: 16525, Stop: 17445, Start Num: 16
Candidate Starts for Ollypop_27:
(Start: 16 @16525 has 24 MA's), (53, 16657), (70, 16768), (72, 16780), (81, 16822), (123, 17011), (130, 17047), (157, 17161), (158, 17167), (165, 17212), (170, 17230), (176, 17269),

Gene: Omniscient_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Omniscient_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: OneBrain_18 Start: 14402, Stop: 15202, Start Num: 26
Candidate Starts for OneBrain_18:
(Start: 26 @14402 has 321 MA's), (42, 14465), (53, 14522), (54, 14531), (55, 14534), (69, 14630), (75, 14666), (101, 14783), (124, 14915), (128, 14930), (132, 14951), (135, 14981), (156, 15050), (164, 15101), (170, 15122), (180, 15176), (181, 15179),

Gene: OneinaGillian_27 Start: 15783, Stop: 16724, Start Num: 22
Candidate Starts for OneinaGillian_27:
(Start: 22 @15783 has 232 MA's), (38, 15828), (91, 16122), (128, 16293), (135, 16347), (136, 16350), (160, 16428), (173, 16497), (174, 16503), (175, 16518), (198, 16662),

Gene: Onika_29 Start: 17281, Stop: 17961, Start Num: 22
Candidate Starts for Onika_29:
(Start: 22 @17281 has 232 MA's), (46, 17368), (51, 17392), (62, 17467), (65, 17479), (72, 17527), (84, 17587), (115, 17716), (119, 17728), (128, 17776), (135, 17830), (156, 17890), (169, 17950),

Gene: Oosterbaan_18 Start: 14700, Stop: 15500, Start Num: 26
Candidate Starts for Oosterbaan_18:
(Start: 26 @14700 has 321 MA's), (42, 14763), (53, 14820), (54, 14829), (55, 14832), (69, 14928), (75, 14964), (101, 15081), (124, 15213), (128, 15228), (132, 15249), (135, 15279), (156, 15348), (164, 15399), (170, 15420), (180, 15474), (181, 15477),

Gene: Orfeu_17 Start: 14399, Stop: 15199, Start Num: 26
Candidate Starts for Orfeu_17:
(Start: 26 @14399 has 321 MA's), (42, 14462), (53, 14519), (54, 14528), (55, 14531), (69, 14627), (75, 14663), (101, 14780), (124, 14912), (128, 14927), (132, 14948), (135, 14978), (156, 15047), (164, 15098), (170, 15119), (180, 15173), (181, 15176),

Gene: Orion_18 Start: 14700, Stop: 15500, Start Num: 26
Candidate Starts for Orion_18:
(Start: 26 @14700 has 321 MA's), (42, 14763), (53, 14820), (54, 14829), (55, 14832), (69, 14928), (75, 14964), (101, 15081), (124, 15213), (128, 15228), (132, 15249), (135, 15279), (156, 15348), (164, 15399), (170, 15420), (180, 15474), (181, 15477),

Gene: Orwigg_17 Start: 14392, Stop: 15192, Start Num: 26
Candidate Starts for Orwigg_17:
(Start: 26 @14392 has 321 MA's), (42, 14455), (53, 14512), (54, 14521), (55, 14524), (69, 14620), (75, 14656), (101, 14773), (124, 14905), (128, 14920), (132, 14941), (135, 14971), (156, 15040), (164, 15091), (170, 15112), (180, 15166), (181, 15169),

Gene: PG1_18 Start: 14712, Stop: 15512, Start Num: 26
Candidate Starts for PG1_18:
(Start: 26 @14712 has 321 MA's), (42, 14775), (53, 14832), (54, 14841), (55, 14844), (69, 14940), (75, 14976), (101, 15093), (124, 15225), (128, 15240), (132, 15261), (135, 15291), (156, 15360), (164, 15411), (170, 15432), (180, 15486), (181, 15489),

Gene: Pacifista_17 Start: 14403, Stop: 15203, Start Num: 26
Candidate Starts for Pacifista_17:
(Start: 26 @14403 has 321 MA's), (42, 14466), (53, 14523), (54, 14532), (55, 14535), (69, 14631), (75, 14667), (101, 14784), (124, 14916), (128, 14931), (132, 14952), (135, 14982), (156, 15051), (164, 15102), (170, 15123), (180, 15177), (181, 15180),

Gene: PallasAthena_17 Start: 14407, Stop: 15207, Start Num: 26
Candidate Starts for PallasAthena_17:
(Start: 26 @14407 has 321 MA's), (42, 14470), (53, 14527), (54, 14536), (55, 14539), (69, 14635), (75, 14671), (101, 14788), (124, 14920), (128, 14935), (132, 14956), (135, 14986), (156, 15055), (164, 15106), (170, 15127), (180, 15181), (181, 15184),

Gene: Panchaali_76 Start: 47609, Stop: 48253, Start Num: 22
Candidate Starts for Panchaali_76:
(Start: 22 @47609 has 232 MA's), (75, 47879), (117, 48059),

Gene: Paries_24 Start: 18356, Stop: 19051, Start Num: 22
Candidate Starts for Paries_24:
(Start: 22 @18356 has 232 MA's), (Start: 31 @18365 has 4 MA's), (37, 18395), (53, 18482), (65, 18557), (85, 18671), (97, 18728), (99, 18740), (107, 18761), (136, 18914), (163, 19031), (167, 19046),

Gene: Paschalis_29 Start: 17295, Stop: 17975, Start Num: 22
Candidate Starts for Paschalis_29:
(Start: 22 @17295 has 232 MA's), (46, 17382), (51, 17406), (62, 17481), (65, 17493), (72, 17541), (84, 17601), (115, 17730), (119, 17742), (128, 17790), (135, 17844), (156, 17904),

Gene: Patbob_82 Start: 51385, Stop: 52041, Start Num: 22
Candidate Starts for Patbob_82:
(Start: 22 @51385 has 232 MA's), (61, 51568), (75, 51655), (117, 51835), (124, 51871), (125, 51874),

Gene: PenguinLover67_21 Start: 17669, Stop: 18469, Start Num: 28
Candidate Starts for PenguinLover67_21:
(Start: 28 @17669 has 12 MA's), (42, 17735), (48, 17762), (55, 17804), (73, 17927), (74, 17930), (75, 17936), (84, 17978), (108, 18092), (119, 18155), (124, 18185), (135, 18251), (146, 18278), (148, 18284), (156, 18320), (164, 18365), (181, 18443),

Gene: Pepe25_26 Start: 16117, Stop: 17058, Start Num: 22
Candidate Starts for Pepe25_26:
(Start: 22 @16117 has 232 MA's), (38, 16162), (49, 16216), (91, 16456), (136, 16684), (160, 16762), (164, 16798), (175, 16852), (198, 16996),

Gene: Phabia_28 Start: 17159, Stop: 18106, Start Num: 22
Candidate Starts for Phabia_28:
(Start: 22 @17159 has 232 MA's), (Start: 34 @17183 has 1 MA's), (43, 17231), (52, 17279), (136, 17729), (164, 17846), (189, 17951), (197, 18026),

Gene: Phamished_18 Start: 14705, Stop: 15505, Start Num: 26

Candidate Starts for Phamished_18:
(Start: 26 @14705 has 321 MA's), (42, 14768), (53, 14825), (54, 14834), (55, 14837), (69, 14933), (75, 14969), (101, 15086), (124, 15218), (128, 15233), (132, 15254), (135, 15284), (156, 15353), (164, 15404), (170, 15425), (180, 15479), (181, 15482),

Gene: Phareon_18 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Phareon_18:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (181, 15183),

Gene: PhatCats2014_18 Start: 14715, Stop: 15515, Start Num: 26
Candidate Starts for PhatCats2014_18:
(Start: 26 @14715 has 321 MA's), (42, 14778), (53, 14835), (54, 14844), (55, 14847), (69, 14943), (75, 14979), (101, 15096), (124, 15228), (128, 15243), (132, 15264), (135, 15294), (156, 15363), (164, 15414), (170, 15435), (180, 15489), (181, 15492),

Gene: PhatLouie_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for PhatLouie_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (180, 15473), (181, 15476),

Gene: Phauci_17 Start: 15379, Stop: 16065, Start Num: 22
Candidate Starts for Phauci_17:
(Start: 22 @15379 has 232 MA's), (37, 15418), (53, 15505), (72, 15628), (76, 15652), (85, 15694), (97, 15748), (107, 15781), (137, 15937), (158, 16015), (160, 16021),

Gene: PhedwardCullen_29 Start: 17040, Stop: 17720, Start Num: 22
Candidate Starts for PhedwardCullen_29:
(Start: 22 @17040 has 232 MA's), (46, 17127), (51, 17151), (62, 17226), (65, 17238), (72, 17286), (84, 17346), (115, 17475), (119, 17487), (128, 17535), (135, 17589), (156, 17649),

Gene: Phelemich_20 Start: 16751, Stop: 17587, Start Num: 13
Candidate Starts for Phelemich_20:
(2, 16640), (Start: 13 @16751 has 11 MA's), (Start: 28 @16784 has 12 MA's), (51, 16892), (54, 16913), (55, 16916), (58, 16934), (62, 16967), (75, 17048), (97, 17147), (132, 17333), (135, 17363), (146, 17390), (156, 17432), (164, 17483),

Gene: Phendrix_76 Start: 39032, Stop: 39685, Start Num: 22
Candidate Starts for Phendrix_76:
(Start: 22 @39032 has 232 MA's), (51, 39146), (66, 39245), (79, 39320), (117, 39488), (122, 39509), (124, 39524), (125, 39527),

Gene: PhenghisKhan_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for PhenghisKhan_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Pherdinand_18 Start: 14703, Stop: 15503, Start Num: 26
Candidate Starts for Pherdinand_18:

(Start: 26 @14703 has 321 MA's), (42, 14766), (53, 14823), (54, 14832), (55, 14835), (69, 14931), (75, 14967), (101, 15084), (124, 15216), (128, 15231), (132, 15252), (135, 15282), (156, 15351), (164, 15402), (170, 15423), (180, 15477), (181, 15480),

Gene: Phergie_17 Start: 14252, Stop: 15052, Start Num: 26
Candidate Starts for Phergie_17:
(Start: 26 @14252 has 321 MA's), (42, 14315), (53, 14372), (54, 14381), (55, 14384), (69, 14480), (75, 14516), (101, 14633), (124, 14765), (128, 14780), (132, 14801), (135, 14831), (156, 14900), (164, 14951), (170, 14972), (180, 15026), (181, 15029),

Gene: Phinally_24 Start: 18791, Stop: 19477, Start Num: 22
Candidate Starts for Phinally_24:
(Start: 22 @18791 has 232 MA's), (37, 18830), (42, 18860), (53, 18917), (75, 19061), (85, 19106), (97, 19160), (107, 19193), (137, 19349), (158, 19427), (160, 19433),

Gene: Phinky_34 Start: 17968, Stop: 18915, Start Num: 22
Candidate Starts for Phinky_34:
(Start: 22 @17968 has 232 MA's), (Start: 34 @17992 has 1 MA's), (52, 18088), (97, 18340), (135, 18535), (136, 18538), (156, 18604), (164, 18655), (189, 18760), (198, 18853),

Gene: Phipps_18 Start: 14678, Stop: 15478, Start Num: 26
Candidate Starts for Phipps_18:
(Start: 26 @14678 has 321 MA's), (42, 14741), (53, 14798), (54, 14807), (55, 14810), (69, 14906), (75, 14942), (101, 15059), (124, 15191), (128, 15206), (132, 15227), (135, 15257), (156, 15326), (164, 15377), (170, 15398), (180, 15452), (181, 15455),

Gene: Phleuron_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Phleuron_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Phlop_22 Start: 15240, Stop: 15926, Start Num: 22
Candidate Starts for Phlop_22:
(Start: 22 @15240 has 232 MA's), (53, 15366), (76, 15513), (102, 15633), (135, 15789), (143, 15816), (155, 15861), (156, 15864),

Gene: Phorgeous_29 Start: 17148, Stop: 17828, Start Num: 22
Candidate Starts for Phorgeous_29:
(Start: 22 @17148 has 232 MA's), (46, 17235), (51, 17259), (62, 17334), (65, 17346), (72, 17394), (84, 17454), (115, 17583), (119, 17595), (128, 17643), (135, 17697), (156, 17757), (169, 17817),

Gene: Phrampa_75 Start: 48087, Stop: 48746, Start Num: 22
Candidate Starts for Phrampa_75:
(Start: 22 @48087 has 232 MA's), (61, 48270), (75, 48357), (117, 48540), (124, 48576), (125, 48579),

Gene: Phrancesco_30 Start: 17426, Stop: 18106, Start Num: 22
Candidate Starts for Phrancesco_30:
(Start: 22 @17426 has 232 MA's), (46, 17513), (51, 17537), (62, 17612), (65, 17624), (72, 17672), (84, 17732), (115, 17861), (119, 17873), (128, 17921), (135, 17975), (156, 18035), (169, 18095),

Gene: PhrankReynolds_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for PhrankReynolds_17:

(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: PhrodoBaggins_17 Start: 14693, Stop: 15493, Start Num: 26
Candidate Starts for PhrodoBaggins_17:
(Start: 26 @14693 has 321 MA's), (42, 14756), (53, 14813), (54, 14822), (55, 14825), (69, 14921), (75, 14957), (101, 15074), (124, 15206), (128, 15221), (132, 15242), (135, 15272), (156, 15341), (164, 15392), (170, 15413), (180, 15467), (181, 15470),

Gene: Phunky_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Phunky_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: PhuzzTulsa_27 Start: 17234, Stop: 18154, Start Num: 16
Candidate Starts for PhuzzTulsa_27:
(Start: 16 @17234 has 24 MA's), (47, 17333), (49, 17339), (50, 17351), (53, 17366), (72, 17489), (81, 17531), (93, 17594), (115, 17690), (120, 17705), (130, 17756), (157, 17870), (158, 17876), (161, 17894), (163, 17912), (176, 17978), (196, 18074),

Gene: PierreOrion_30 Start: 17450, Stop: 18130, Start Num: 22
Candidate Starts for PierreOrion_30:
(Start: 22 @17450 has 232 MA's), (46, 17537), (51, 17561), (62, 17636), (65, 17648), (72, 17696), (84, 17756), (115, 17885), (119, 17897), (128, 17945), (135, 17999), (156, 18059),

Gene: Piglet_0017 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Piglet_0017:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Pine5_20 Start: 15594, Stop: 16400, Start Num: 26
Candidate Starts for Pine5_20:
(Start: 26 @15594 has 321 MA's), (51, 15702), (53, 15714), (54, 15723), (55, 15726), (72, 15837), (75, 15858),

Gene: PinheadLarry_18 Start: 14418, Stop: 15218, Start Num: 26
Candidate Starts for PinheadLarry_18:
(Start: 26 @14418 has 321 MA's), (42, 14481), (53, 14538), (54, 14547), (55, 14550), (69, 14646), (75, 14682), (101, 14799), (124, 14931), (128, 14946), (132, 14967), (135, 14997), (156, 15066), (164, 15117), (170, 15138), (180, 15192), (181, 15195),

Gene: PinkCoffee_24 Start: 15833, Stop: 16519, Start Num: 22
Candidate Starts for PinkCoffee_24:
(Start: 22 @15833 has 232 MA's), (49, 15932), (75, 16103), (76, 16106), (102, 16226), (155, 16454), (156, 16457),

Gene: Pinkman_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for Pinkman_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164,

14957), (180, 15032), (181, 15035),

Gene: PiperSansNom_30 Start: 17602, Stop: 18282, Start Num: 22
Candidate Starts for PiperSansNom_30:
(Start: 22 @17602 has 232 MA's), (46, 17689), (51, 17713), (62, 17788), (65, 17800), (72, 17848), (84, 17908), (115, 18037), (119, 18049), (128, 18097), (135, 18151), (156, 18211),

Gene: Piperis_30 Start: 17272, Stop: 17952, Start Num: 22
Candidate Starts for Piperis_30:
(Start: 22 @17272 has 232 MA's), (46, 17359), (51, 17383), (62, 17458), (65, 17470), (72, 17518), (84, 17578), (115, 17707), (119, 17719), (128, 17767), (135, 17821), (156, 17881),

Gene: Pipsqueak_18 Start: 14705, Stop: 15505, Start Num: 26
Candidate Starts for Pipsqueak_18:
(Start: 26 @14705 has 321 MA's), (42, 14768), (53, 14825), (54, 14834), (55, 14837), (69, 14933), (75, 14969), (101, 15086), (124, 15218), (128, 15233), (132, 15254), (135, 15284), (156, 15353), (164, 15404), (170, 15425), (180, 15479), (181, 15482),

Gene: Placalicious_17 Start: 14400, Stop: 15200, Start Num: 26
Candidate Starts for Placalicious_17:
(Start: 26 @14400 has 321 MA's), (42, 14463), (53, 14520), (54, 14529), (55, 14532), (69, 14628), (75, 14664), (101, 14781), (124, 14913), (128, 14928), (132, 14949), (135, 14979), (156, 15048), (164, 15099), (170, 15120), (180, 15174), (181, 15177),

Gene: Plata_17 Start: 14414, Stop: 15214, Start Num: 26
Candidate Starts for Plata_17:
(Start: 26 @14414 has 321 MA's), (42, 14477), (53, 14534), (54, 14543), (55, 14546), (69, 14642), (75, 14678), (101, 14795), (124, 14927), (128, 14942), (132, 14963), (135, 14993), (156, 15062), (164, 15113), (180, 15188), (181, 15191),

Gene: Plmatters_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Plmatters_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Podrick_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Podrick_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: Pointis_29 Start: 17451, Stop: 18371, Start Num: 16
Candidate Starts for Pointis_29:
(Start: 16 @17451 has 24 MA's), (47, 17550), (49, 17556), (50, 17568), (53, 17583), (72, 17706), (81, 17748), (93, 17811), (115, 17907), (120, 17922), (130, 17973), (157, 18087), (158, 18093), (161, 18111), (163, 18129), (176, 18195), (196, 18291),

Gene: Pops_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Pops_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Popstraw_27 Start: 17237, Stop: 18157, Start Num: 16
Candidate Starts for Popstraw_27:
(Start: 16 @17237 has 24 MA's), (47, 17336), (49, 17342), (50, 17354), (53, 17369), (72, 17492), (81, 17534), (93, 17597), (115, 17693), (120, 17708), (130, 17759), (157, 17873), (158, 17879), (161, 17897), (163, 17915), (176, 17981), (196, 18077),

Gene: Portcullis_22 Start: 15183, Stop: 15869, Start Num: 22
Candidate Starts for Portcullis_22:
(Start: 22 @15183 has 232 MA's), (53, 15309), (76, 15456), (102, 15576), (135, 15732), (143, 15759), (155, 15804), (156, 15807),

Gene: Poster_17 Start: 15373, Stop: 16179, Start Num: 25
Candidate Starts for Poster_17:
(Start: 25 @15373 has 25 MA's), (42, 15436), (54, 15502), (55, 15505), (58, 15523), (72, 15616), (75, 15637), (81, 15658), (108, 15793), (124, 15886), (135, 15952), (148, 15985), (150, 15988), (156, 16021), (164, 16072), (170, 16093), (181, 16150),

Gene: Potter_17 Start: 14413, Stop: 15213, Start Num: 26
Candidate Starts for Potter_17:
(Start: 26 @14413 has 321 MA's), (42, 14476), (53, 14533), (54, 14542), (55, 14545), (69, 14641), (75, 14677), (101, 14794), (124, 14926), (128, 14941), (132, 14962), (135, 14992), (156, 15061), (164, 15112), (170, 15133), (180, 15187), (181, 15190),

Gene: Prickles_18 Start: 14693, Stop: 15493, Start Num: 26
Candidate Starts for Prickles_18:
(Start: 26 @14693 has 321 MA's), (42, 14756), (53, 14813), (54, 14822), (55, 14825), (69, 14921), (75, 14957), (101, 15074), (124, 15206), (128, 15221), (132, 15242), (135, 15272), (156, 15341), (164, 15392), (170, 15413), (180, 15467), (181, 15470),

Gene: Prince_18 Start: 16597, Stop: 17403, Start Num: 25
Candidate Starts for Prince_18:
(Start: 25 @16597 has 25 MA's), (42, 16660), (54, 16726), (55, 16729), (58, 16747), (72, 16840), (75, 16861), (81, 16882), (97, 16960), (108, 17017), (124, 17110), (150, 17212), (156, 17245), (159, 17257), (160, 17260), (164, 17296),

Gene: ProfessorX_18 Start: 14691, Stop: 15491, Start Num: 26
Candidate Starts for ProfessorX_18:
(Start: 26 @14691 has 321 MA's), (42, 14754), (53, 14811), (54, 14820), (55, 14823), (69, 14919), (75, 14955), (101, 15072), (124, 15204), (128, 15219), (132, 15240), (135, 15270), (156, 15339), (164, 15390), (170, 15411), (180, 15465), (181, 15468),

Gene: Puhltonio_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Puhltonio_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: Pulchra_31 Start: 17672, Stop: 18352, Start Num: 22
Candidate Starts for Pulchra_31:
(Start: 22 @17672 has 232 MA's), (46, 17759), (51, 17783), (62, 17858), (65, 17870), (72, 17918), (84, 17978), (115, 18107), (119, 18119), (128, 18167), (135, 18221), (156, 18281),

Gene: PullumCavea_22 Start: 15240, Stop: 15926, Start Num: 22
Candidate Starts for PullumCavea_22:
(Start: 22 @15240 has 232 MA's), (53, 15366), (76, 15513), (102, 15633), (135, 15789), (143, 15816), (155, 15861), (156, 15864),

Gene: Pumpkiney_26 Start: 17696, Stop: 18328, Start Num: 40
Candidate Starts for Pumpkiney_26:
(6, 17558), (8, 17585), (14, 17621), (Start: 22 @17642 has 232 MA's), (37, 17681), (40, 17696), (51, 17756), (85, 17957), (97, 18011), (121, 18107), (158, 18278), (163, 18314),

Gene: Pureglobe5_31 Start: 17461, Stop: 18381, Start Num: 16
Candidate Starts for Pureglobe5_31:
(Start: 16 @17461 has 24 MA's), (47, 17560), (49, 17566), (50, 17578), (53, 17593), (72, 17716), (81, 17758), (93, 17821), (115, 17917), (120, 17932), (130, 17983), (157, 18097), (158, 18103), (161, 18121), (163, 18139), (176, 18205), (196, 18301),

Gene: Purplicious_48 Start: 26304, Stop: 27047, Start Num: 30
Candidate Starts for Purplicious_48:
(Start: 30 @26304 has 7 MA's), (32, 26310), (49, 26394), (55, 26433), (62, 26484), (75, 26565), (80, 26583), (91, 26634), (92, 26640), (94, 26652), (110, 26739), (118, 26772), (124, 26811), (131, 26841), (156, 26949),

Gene: Quammi_26 Start: 16730, Stop: 17677, Start Num: 22
Candidate Starts for Quammi_26:
(Start: 22 @16730 has 232 MA's), (Start: 34 @16754 has 1 MA's), (43, 16802), (52, 16850), (136, 17300), (164, 17417), (189, 17522), (197, 17597),

Gene: QueenBeane_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for QueenBeane_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: QueenPie_18 Start: 16971, Stop: 17777, Start Num: 25
Candidate Starts for QueenPie_18:
(Start: 25 @16971 has 25 MA's), (42, 17034), (54, 17100), (55, 17103), (58, 17121), (72, 17214), (75, 17235), (81, 17256), (108, 17391), (124, 17484), (150, 17586), (156, 17619), (159, 17631), (160, 17634), (164, 17670),

Gene: Quesadilla_21 Start: 17756, Stop: 18556, Start Num: 28
Candidate Starts for Quesadilla_21:
(Start: 28 @17756 has 12 MA's), (42, 17822), (49, 17852), (55, 17891), (73, 18014), (74, 18017), (75, 18023), (84, 18065), (119, 18242), (124, 18272), (146, 18365), (156, 18407), (164, 18452), (181, 18530),

Gene: Quhwah_33 Start: 17898, Stop: 18578, Start Num: 22
Candidate Starts for Quhwah_33:
(Start: 22 @17898 has 232 MA's), (46, 17985), (51, 18009), (62, 18084), (65, 18096), (72, 18144), (84, 18204), (115, 18333), (119, 18345), (128, 18393), (135, 18447), (156, 18507),

Gene: Quisquiliae_18 Start: 14714, Stop: 15514, Start Num: 26
Candidate Starts for Quisquiliae_18:

(Start: 26 @14714 has 321 MA's), (42, 14777), (53, 14834), (54, 14843), (55, 14846), (69, 14942), (75, 14978), (101, 15095), (124, 15227), (128, 15242), (132, 15263), (135, 15293), (156, 15362), (164, 15413), (170, 15434), (180, 15488), (181, 15491),

Gene: RIPWilbur_27 Start: 16597, Stop: 17517, Start Num: 16
Candidate Starts for RIPWilbur_27:
(Start: 16 @16597 has 24 MA's), (47, 16696), (49, 16702), (50, 16714), (53, 16729), (72, 16852), (81, 16894), (93, 16957), (115, 17053), (120, 17068), (130, 17119), (157, 17233), (158, 17239), (161, 17257), (163, 17275), (176, 17341), (196, 17437),

Gene: Racecar_84 Start: 51166, Stop: 51822, Start Num: 22
Candidate Starts for Racecar_84:
(Start: 22 @51166 has 232 MA's), (61, 51349), (75, 51436), (117, 51616), (124, 51652), (125, 51655),

Gene: RainyPolka_17 Start: 17299, Stop: 17994, Start Num: 23
Candidate Starts for RainyPolka_17:
(Start: 23 @17299 has 13 MA's), (36, 17329), (40, 17347), (49, 17389), (50, 17401), (53, 17416), (55, 17428), (56, 17434), (63, 17482), (75, 17560), (84, 17602), (85, 17605), (100, 17671), (115, 17731), (125, 17776), (129, 17791), (143, 17872), (148, 17884), (156, 17920), (158, 17929),

Gene: Ramiel05_29 Start: 17307, Stop: 17987, Start Num: 22
Candidate Starts for Ramiel05_29:
(Start: 22 @17307 has 232 MA's), (46, 17394), (51, 17418), (62, 17493), (65, 17505), (72, 17553), (84, 17613), (115, 17742), (119, 17754), (128, 17802), (135, 17856), (156, 17916),

Gene: Ranunculus_23 Start: 16352, Stop: 17272, Start Num: 16
Candidate Starts for Ranunculus_23:
(Start: 16 @16352 has 24 MA's), (37, 16397), (41, 16421), (50, 16469), (53, 16484), (81, 16649), (130, 16874), (157, 16988), (158, 16994), (163, 17030), (176, 17096),

Gene: Rasputia_59 Start: 32882, Stop: 33766, Start Num: 22
Candidate Starts for Rasputia_59:
(Start: 22 @32882 has 232 MA's), (Start: 34 @32906 has 1 MA's), (49, 32978), (62, 33068), (76, 33152), (84, 33191), (115, 33323), (119, 33335), (136, 33440), (145, 33461), (174, 33596),

Gene: RawrgerThat_18 Start: 16434, Stop: 17240, Start Num: 25
Candidate Starts for RawrgerThat_18:
(Start: 25 @16434 has 25 MA's), (42, 16497), (54, 16563), (55, 16566), (58, 16584), (72, 16677), (75, 16698), (81, 16719), (97, 16797), (108, 16854), (124, 16947), (150, 17049), (156, 17082), (159, 17094), (160, 17097), (164, 17133),

Gene: RazzB_25 Start: 15760, Stop: 16680, Start Num: 16
Candidate Starts for RazzB_25:
(Start: 16 @15760 has 24 MA's), (47, 15859), (49, 15865), (50, 15877), (53, 15892), (72, 16015), (81, 16057), (93, 16120), (115, 16216), (120, 16231), (130, 16282), (157, 16396), (158, 16402), (161, 16420), (163, 16438), (176, 16504), (196, 16600),

Gene: Reccee_20 Start: 16685, Stop: 17521, Start Num: 13
Candidate Starts for Reccee_20:
(2, 16574), (Start: 13 @16685 has 11 MA's), (Start: 28 @16718 has 12 MA's), (49, 16811), (51, 16826), (52, 16832), (54, 16847), (55, 16850), (58, 16868), (75, 16982), (132, 17267), (135, 17297), (151, 17336), (156, 17366), (170, 17438),

Gene: RedMaple_17 Start: 14711, Stop: 15511, Start Num: 26
Candidate Starts for RedMaple_17:
(Start: 26 @14711 has 321 MA's), (42, 14774), (53, 14831), (54, 14840), (55, 14843), (69, 14939), (75, 14975), (101, 15092), (124, 15224), (128, 15239), (132, 15260), (135, 15290), (156, 15359), (164, 15410), (170, 15431), (180, 15485), (181, 15488),

Gene: RedRaider89_19 Start: 14931, Stop: 15731, Start Num: 26
Candidate Starts for RedRaider89_19:
(Start: 26 @14931 has 321 MA's), (42, 14994), (53, 15051), (54, 15060), (55, 15063), (69, 15159), (75, 15195), (101, 15312), (124, 15444), (128, 15459), (132, 15480), (135, 15510), (156, 15579), (164, 15630), (170, 15651), (180, 15705), (181, 15708),

Gene: ReginaGlobina_83 Start: 50645, Stop: 51292, Start Num: 22
Candidate Starts for ReginaGlobina_83:
(Start: 22 @50645 has 232 MA's), (75, 50915), (117, 51095), (139, 51206),

Gene: Ren19_25 Start: 16500, Stop: 17420, Start Num: 16
Candidate Starts for Ren19_25:
(Start: 16 @16500 has 24 MA's), (41, 16569), (53, 16632), (70, 16743), (72, 16755), (81, 16797), (96, 16872), (123, 16986), (130, 17022), (140, 17076), (157, 17136), (158, 17142), (165, 17187), (176, 17244),

Gene: Renkei_17 Start: 15380, Stop: 16186, Start Num: 25
Candidate Starts for Renkei_17:
(Start: 25 @15380 has 25 MA's), (42, 15443), (54, 15509), (55, 15512), (58, 15530), (72, 15623), (75, 15644), (81, 15665), (108, 15800), (124, 15893), (135, 15959), (148, 15992), (150, 15995), (156, 16028), (164, 16079), (170, 16100), (181, 16157),

Gene: Reprobate_20 Start: 16748, Stop: 17584, Start Num: 13
Candidate Starts for Reprobate_20:
(2, 16637), (Start: 13 @16748 has 11 MA's), (Start: 28 @16781 has 12 MA's), (51, 16889), (54, 16910), (55, 16913), (58, 16931), (62, 16964), (75, 17045), (97, 17144), (120, 17267), (132, 17330), (135, 17360), (146, 17387), (156, 17429),

Gene: Ribeye_24 Start: 19187, Stop: 19882, Start Num: 22
Candidate Starts for Ribeye_24:
(Start: 22 @19187 has 232 MA's), (37, 19226), (65, 19388), (67, 19415), (97, 19559), (99, 19571), (128, 19688), (136, 19745), (163, 19862),

Gene: Rich_20 Start: 16635, Stop: 17471, Start Num: 13
Candidate Starts for Rich_20:
(Start: 13 @16635 has 11 MA's), (Start: 28 @16668 has 12 MA's), (49, 16761), (51, 16776), (54, 16797), (55, 16800), (58, 16818), (75, 16932), (132, 17217), (135, 17247), (156, 17316), (170, 17388),

Gene: Ricotta_17 Start: 14423, Stop: 15223, Start Num: 26
Candidate Starts for Ricotta_17:
(Start: 26 @14423 has 321 MA's), (42, 14486), (53, 14543), (54, 14552), (55, 14555), (69, 14651), (75, 14687), (101, 14804), (124, 14936), (128, 14951), (132, 14972), (135, 15002), (156, 15071), (164, 15122), (170, 15143), (180, 15197), (181, 15200),

Gene: Riggan_18 Start: 14679, Stop: 15479, Start Num: 26
Candidate Starts for Riggan_18:

(Start: 26 @14679 has 321 MA's), (42, 14742), (53, 14799), (54, 14808), (55, 14811), (69, 14907), (75, 14943), (101, 15060), (124, 15192), (128, 15207), (132, 15228), (135, 15258), (156, 15327), (164, 15378), (170, 15399), (180, 15453), (181, 15456),

Gene: Rimu_18 Start: 14411, Stop: 15211, Start Num: 26
Candidate Starts for Rimu_18:
(Start: 26 @14411 has 321 MA's), (42, 14474), (53, 14531), (54, 14540), (55, 14543), (69, 14639), (75, 14675), (101, 14792), (124, 14924), (128, 14939), (132, 14960), (135, 14990), (156, 15059), (164, 15110), (170, 15131), (180, 15185), (181, 15188),

Gene: Rinkes_22 Start: 18349, Stop: 19149, Start Num: 28
Candidate Starts for Rinkes_22:
(Start: 28 @18349 has 12 MA's), (42, 18415), (44, 18421), (51, 18460), (55, 18484), (72, 18595), (75, 18616), (96, 18709), (119, 18835), (124, 18865), (136, 18934), (153, 18976), (156, 19000), (160, 19015), (170, 19066), (181, 19123),

Gene: Rita130_20 Start: 16505, Stop: 17341, Start Num: 13
Candidate Starts for Rita130_20:
(2, 16394), (Start: 13 @16505 has 11 MA's), (Start: 28 @16538 has 12 MA's), (49, 16631), (51, 16646), (52, 16652), (54, 16667), (55, 16670), (58, 16688), (75, 16802), (132, 17087), (135, 17117), (151, 17156), (156, 17186), (170, 17258),

Gene: RiverRaider_24 Start: 17572, Stop: 18267, Start Num: 22
Candidate Starts for RiverRaider_24:
(8, 17515), (Start: 22 @17572 has 232 MA's), (Start: 31 @17581 has 4 MA's), (37, 17611), (49, 17671), (53, 17698), (65, 17773), (97, 17944), (99, 17956), (136, 18130), (160, 18217), (167, 18262),

Gene: Riverton_18 Start: 14705, Stop: 15505, Start Num: 26
Candidate Starts for Riverton_18:
(Start: 26 @14705 has 321 MA's), (42, 14768), (53, 14825), (54, 14834), (55, 14837), (69, 14933), (75, 14969), (101, 15086), (124, 15218), (128, 15233), (132, 15254), (135, 15284), (156, 15353), (164, 15404), (170, 15425), (180, 15479), (181, 15482),

Gene: Rizwana_22 Start: 16262, Stop: 17188, Start Num: 16
Candidate Starts for Rizwana_22:
(Start: 16 @16262 has 24 MA's), (37, 16310), (72, 16520), (81, 16562), (85, 16586), (130, 16787), (162, 16928), (163, 16943), (183, 17030), (191, 17069), (200, 17159),

Gene: RoadKill_21 Start: 16669, Stop: 17364, Start Num: 21
Candidate Starts for RoadKill_21:
(Start: 21 @16669 has 20 MA's), (Start: 31 @16678 has 4 MA's), (37, 16708), (49, 16768), (51, 16783), (53, 16795), (75, 16939), (97, 17038), (99, 17050), (121, 17134), (135, 17221), (158, 17305),

Gene: RobinRose_29 Start: 16284, Stop: 17225, Start Num: 22
Candidate Starts for RobinRose_29:
(Start: 22 @16284 has 232 MA's), (38, 16329), (91, 16623), (128, 16794), (135, 16848), (136, 16851), (160, 16929), (173, 16998), (174, 17004), (175, 17019), (198, 17163),

Gene: RobsFeet_31 Start: 17385, Stop: 18065, Start Num: 22
Candidate Starts for RobsFeet_31:
(Start: 22 @17385 has 232 MA's), (46, 17472), (61, 17565), (62, 17571), (65, 17583), (72, 17631), (84, 17691), (112, 17805), (128, 17880), (135, 17934), (156, 17994), (169, 18054),

Gene: Robyn_17 Start: 14272, Stop: 15072, Start Num: 26
Candidate Starts for Robyn_17:
(Start: 26 @14272 has 321 MA's), (42, 14335), (53, 14392), (54, 14401), (55, 14404), (69, 14500), (75, 14536), (101, 14653), (124, 14785), (128, 14800), (132, 14821), (135, 14851), (156, 14920), (164, 14971), (170, 14992), (180, 15046), (181, 15049),

Gene: Rockabye_82 Start: 53344, Stop: 54003, Start Num: 22
Candidate Starts for Rockabye_82:
(Start: 22 @53344 has 232 MA's), (84, 53668), (87, 53680), (117, 53806), (152, 53944),

Gene: Rockwell_29 Start: 17307, Stop: 17987, Start Num: 22
Candidate Starts for Rockwell_29:
(Start: 22 @17307 has 232 MA's), (46, 17394), (51, 17418), (62, 17493), (65, 17505), (72, 17553), (84, 17613), (115, 17742), (119, 17754), (128, 17802), (135, 17856), (156, 17916),

Gene: Rofo_23 Start: 18608, Stop: 19303, Start Num: 22
Candidate Starts for Rofo_23:
(Start: 22 @18608 has 232 MA's), (Start: 31 @18617 has 4 MA's), (37, 18647), (53, 18734), (65, 18809), (97, 18980), (99, 18992), (107, 19013), (136, 19166), (143, 19190), (163, 19283), (167, 19298),

Gene: RogerDodger_25 Start: 16033, Stop: 16719, Start Num: 22
Candidate Starts for RogerDodger_25:
(Start: 22 @16033 has 232 MA's), (49, 16132), (75, 16303), (76, 16306), (102, 16426), (156, 16657),

Gene: Roliet_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Roliet_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: RomansRevenge_19 Start: 14509, Stop: 15429, Start Num: 16
Candidate Starts for RomansRevenge_19:
(Start: 16 @14509 has 24 MA's), (33, 14533), (93, 14866), (107, 14914), (130, 15028), (135, 15073), (153, 15115), (156, 15139), (157, 15142), (161, 15166), (164, 15190), (178, 15253), (189, 15283), (196, 15343),

Gene: Romm_29 Start: 16284, Stop: 17225, Start Num: 22
Candidate Starts for Romm_29:
(Start: 22 @16284 has 232 MA's), (38, 16329), (91, 16623), (128, 16794), (135, 16848), (136, 16851), (160, 16929), (173, 16998), (174, 17004), (175, 17019), (198, 17163),

Gene: Roscoe_19 Start: 14940, Stop: 15740, Start Num: 26
Candidate Starts for Roscoe_19:
(Start: 26 @14940 has 321 MA's), (42, 15003), (53, 15060), (54, 15069), (55, 15072), (69, 15168), (75, 15204), (101, 15321), (124, 15453), (128, 15468), (132, 15489), (135, 15519), (156, 15588), (164, 15639), (170, 15660), (180, 15714), (181, 15717),

Gene: Rowlf_24 Start: 16422, Stop: 17369, Start Num: 22
Candidate Starts for Rowlf_24:
(Start: 22 @16422 has 232 MA's), (Start: 34 @16446 has 1 MA's), (43, 16494), (52, 16542), (135, 16989), (136, 16992), (164, 17109), (189, 17214), (197, 17289),

Gene: Roy17_18 Start: 14401, Stop: 15201, Start Num: 26
Candidate Starts for Roy17_18:
(Start: 26 @14401 has 321 MA's), (42, 14464), (53, 14521), (54, 14530), (55, 14533), (69, 14629), (75, 14665), (101, 14782), (124, 14914), (128, 14929), (132, 14950), (135, 14980), (156, 15049), (164, 15100), (170, 15121), (180, 15175), (181, 15178),

Gene: RubyRalph_30 Start: 16992, Stop: 17930, Start Num: 22
Candidate Starts for RubyRalph_30:
(Start: 22 @16992 has 232 MA's), (Start: 34 @17016 has 1 MA's), (68, 17223), (72, 17241), (123, 17478), (134, 17544), (135, 17559), (156, 17628), (158, 17637), (160, 17643), (189, 17781),

Gene: Rudy_26 Start: 16763, Stop: 17710, Start Num: 22
Candidate Starts for Rudy_26:
(Start: 22 @16763 has 232 MA's), (Start: 34 @16787 has 1 MA's), (43, 16835), (52, 16883), (136, 17333), (164, 17450), (189, 17555), (197, 17630),

Gene: SDcharge11_18 Start: 14680, Stop: 15480, Start Num: 26
Candidate Starts for SDcharge11_18:
(Start: 26 @14680 has 321 MA's), (42, 14743), (53, 14800), (54, 14809), (55, 14812), (69, 14908), (75, 14944), (101, 15061), (124, 15193), (128, 15208), (132, 15229), (135, 15259), (156, 15328), (164, 15379), (170, 15400), (180, 15454), (181, 15457),

Gene: SJReid_86 Start: 52426, Stop: 53082, Start Num: 22
Candidate Starts for SJReid_86:
(Start: 22 @52426 has 232 MA's), (35, 52459), (84, 52750), (87, 52762), (117, 52888), (149, 53020), (152, 53026),

Gene: SadLad_32 Start: 17935, Stop: 18873, Start Num: 22
Candidate Starts for SadLad_32:
(Start: 22 @17935 has 232 MA's), (Start: 34 @17959 has 1 MA's), (68, 18166), (72, 18184), (123, 18421), (134, 18487), (135, 18502), (156, 18571), (158, 18580), (160, 18586), (189, 18724),

Gene: Saguaro_20 Start: 17420, Stop: 18220, Start Num: 28
Candidate Starts for Saguaro_20:
(Start: 28 @17420 has 12 MA's), (38, 17462), (42, 17486), (55, 17555), (62, 17606), (72, 17666), (73, 17678), (75, 17687), (81, 17708), (119, 17906), (124, 17936), (146, 18029), (154, 18065), (156, 18071),

Gene: Salazzle_17 Start: 14272, Stop: 15072, Start Num: 26
Candidate Starts for Salazzle_17:
(Start: 26 @14272 has 321 MA's), (42, 14335), (53, 14392), (54, 14401), (55, 14404), (69, 14500), (75, 14536), (101, 14653), (124, 14785), (128, 14800), (132, 14821), (135, 14851), (156, 14920), (164, 14971), (180, 15046), (181, 15049),

Gene: Salete_16 Start: 16946, Stop: 17644, Start Num: 23
Candidate Starts for Salete_16:
(Start: 23 @16946 has 13 MA's), (36, 16976), (40, 16994), (49, 17036), (50, 17048), (53, 17063), (55, 17075), (72, 17186), (75, 17207), (85, 17252), (100, 17318), (112, 17363), (129, 17438), (135, 17486), (136, 17489), (143, 17519), (148, 17531), (156, 17567), (169, 17633),

Gene: SallyH_18 Start: 14709, Stop: 15509, Start Num: 26
Candidate Starts for SallyH_18:

(Start: 26 @14709 has 321 MA's), (42, 14772), (53, 14829), (54, 14838), (55, 14841), (69, 14937), (75, 14973), (101, 15090), (124, 15222), (128, 15237), (132, 15258), (135, 15288), (156, 15357), (164, 15408), (170, 15429), (180, 15483), (181, 15486),

Gene: SallyK_29 Start: 17813, Stop: 18760, Start Num: 22
Candidate Starts for SallyK_29:
(Start: 22 @17813 has 232 MA's), (Start: 34 @17837 has 1 MA's), (43, 17885), (52, 17933), (136, 18383), (164, 18500), (189, 18605), (197, 18680),

Gene: Salvador_22 Start: 15154, Stop: 15840, Start Num: 22
Candidate Starts for Salvador_22:
(Start: 22 @15154 has 232 MA's), (49, 15253), (75, 15424), (76, 15427), (102, 15547), (155, 15775), (156, 15778),

Gene: Samaymay_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Samaymay_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Sampson_24 Start: 18870, Stop: 19559, Start Num: 21
Candidate Starts for Sampson_24:
(6, 18786), (8, 18813), (Start: 21 @18870 has 20 MA's), (37, 18909), (40, 18924), (51, 18984), (97, 19239), (158, 19506), (163, 19542),

Gene: Sanjuju_21 Start: 18118, Stop: 18813, Start Num: 22
Candidate Starts for Sanjuju_21:
(Start: 22 @18118 has 232 MA's), (Start: 31 @18127 has 4 MA's), (37, 18157), (53, 18244), (65, 18319), (72, 18367), (85, 18433), (97, 18490), (99, 18502), (107, 18523), (136, 18676), (163, 18793), (167, 18808),

Gene: Saronaya_23 Start: 18018, Stop: 18713, Start Num: 22
Candidate Starts for Saronaya_23:
(8, 17958), (Start: 22 @18018 has 232 MA's), (37, 18057), (65, 18219), (97, 18390), (99, 18402), (163, 18693), (167, 18708),

Gene: SassyCat97_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for SassyCat97_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Savannah_29 Start: 17334, Stop: 18014, Start Num: 22
Candidate Starts for Savannah_29:
(Start: 22 @17334 has 232 MA's), (46, 17421), (51, 17445), (62, 17520), (65, 17532), (72, 17580), (84, 17640), (115, 17769), (119, 17781), (128, 17829), (135, 17883), (156, 17943),

Gene: Savbucketdawg_22 Start: 14935, Stop: 15621, Start Num: 22
Candidate Starts for Savbucketdawg_22:
(Start: 22 @14935 has 232 MA's), (49, 15034), (75, 15205), (76, 15208), (102, 15328), (155, 15556), (156, 15559),

Gene: Schadenfreude_17 Start: 14256, Stop: 15056, Start Num: 26

Candidate Starts for Schadenfreude_17:
(Start: 26 @14256 has 321 MA's), (42, 14319), (53, 14376), (54, 14385), (55, 14388), (69, 14484), (75, 14520), (101, 14637), (124, 14769), (128, 14784), (132, 14805), (135, 14835), (156, 14904), (164, 14955), (170, 14976), (180, 15030), (181, 15033),

Gene: SchottB_22 Start: 19033, Stop: 19728, Start Num: 22
Candidate Starts for SchottB_22:
(Start: 22 @19033 has 232 MA's), (37, 19072), (65, 19234), (67, 19261), (72, 19282), (97, 19405), (99, 19417), (136, 19591), (163, 19708), (167, 19723),

Gene: Schueller_17 Start: 14397, Stop: 15197, Start Num: 26
Candidate Starts for Schueller_17:
(Start: 26 @14397 has 321 MA's), (42, 14460), (53, 14517), (54, 14526), (55, 14529), (69, 14625), (75, 14661), (101, 14778), (124, 14910), (128, 14925), (132, 14946), (135, 14976), (156, 15045), (164, 15096), (170, 15117), (180, 15171), (181, 15174),

Gene: Scioto_24 Start: 18925, Stop: 19614, Start Num: 21
Candidate Starts for Scioto_24:
(6, 18841), (8, 18868), (Start: 21 @18925 has 20 MA's), (37, 18964), (40, 18979), (51, 19039), (97, 19294), (158, 19561), (163, 19597),

Gene: Scoot17C_18 Start: 14700, Stop: 15500, Start Num: 26
Candidate Starts for Scoot17C_18:
(Start: 26 @14700 has 321 MA's), (42, 14763), (53, 14820), (54, 14829), (55, 14832), (69, 14928), (75, 14964), (101, 15081), (124, 15213), (128, 15228), (132, 15249), (135, 15279), (156, 15348), (164, 15399), (170, 15420), (180, 15474), (181, 15477),

Gene: Scrick_17 Start: 14419, Stop: 15219, Start Num: 26
Candidate Starts for Scrick_17:
(Start: 26 @14419 has 321 MA's), (42, 14482), (53, 14539), (54, 14548), (55, 14551), (69, 14647), (75, 14683), (101, 14800), (124, 14932), (128, 14947), (132, 14968), (135, 14998), (156, 15067), (164, 15118), (170, 15139), (180, 15193), (181, 15196),

Gene: Scumberland_31 Start: 17522, Stop: 18202, Start Num: 22
Candidate Starts for Scumberland_31:
(Start: 22 @17522 has 232 MA's), (46, 17609), (51, 17633), (62, 17708), (65, 17720), (72, 17768), (84, 17828), (115, 17957), (119, 17969), (128, 18017), (135, 18071), (156, 18131), (169, 18191),

Gene: Sedona_25 Start: 20423, Stop: 21118, Start Num: 22
Candidate Starts for Sedona_25:
(Start: 22 @20423 has 232 MA's), (Start: 31 @20432 has 4 MA's), (37, 20462), (53, 20549), (65, 20624), (72, 20672), (97, 20795), (99, 20807), (107, 20828), (136, 20981), (163, 21098), (167, 21113),

Gene: Sejanus_17 Start: 14658, Stop: 15461, Start Num: 31
Candidate Starts for Sejanus_17:
(Start: 31 @14658 has 4 MA's), (33, 14670), (36, 14685), (38, 14694), (40, 14703), (55, 14787), (62, 14838), (81, 14940), (82, 14943), (86, 14970), (95, 15009), (97, 15018), (109, 15087), (121, 15150), (151, 15276), (160, 15330),

Gene: Selr12_18 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for Selr12_18:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164,

15123), (170, 15144), (180, 15198), (181, 15201),

Gene: Selwyn23_31 Start: 17500, Stop: 18180, Start Num: 22
Candidate Starts for Selwyn23_31:
(Start: 22 @17500 has 232 MA's), (46, 17587), (51, 17611), (62, 17686), (65, 17698), (72, 17746), (84, 17806), (115, 17935), (119, 17947), (128, 17995), (135, 18049), (156, 18109),

Gene: Sendy_23 Start: 15285, Stop: 15971, Start Num: 22
Candidate Starts for Sendy_23:
(Start: 22 @15285 has 232 MA's), (53, 15411), (76, 15558), (102, 15678), (155, 15906), (156, 15909),

Gene: Septica_17 Start: 14710, Stop: 15510, Start Num: 26
Candidate Starts for Septica_17:
(Start: 26 @14710 has 321 MA's), (42, 14773), (53, 14830), (54, 14839), (55, 14842), (69, 14938), (75, 14974), (101, 15091), (124, 15223), (128, 15238), (132, 15259), (135, 15289), (156, 15358), (164, 15409), (170, 15430), (180, 15484), (181, 15487),

Gene: Serendipitous_20 Start: 16688, Stop: 17524, Start Num: 13
Candidate Starts for Serendipitous_20:
(2, 16580), (Start: 13 @16688 has 11 MA's), (Start: 28 @16721 has 12 MA's), (51, 16829), (54, 16850), (55, 16853), (58, 16871), (75, 16985), (132, 17270), (135, 17300), (151, 17339), (156, 17369), (170, 17441), (172, 17447), (186, 17519),

Gene: Serendipity_18 Start: 14720, Stop: 15520, Start Num: 26
Candidate Starts for Serendipity_18:
(Start: 26 @14720 has 321 MA's), (42, 14783), (53, 14840), (54, 14849), (55, 14852), (69, 14948), (75, 14984), (101, 15101), (124, 15233), (128, 15248), (132, 15269), (135, 15299), (156, 15368), (164, 15419), (170, 15440), (180, 15494), (181, 15497),

Gene: Serpentine_0018 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Serpentine_0018:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: ShadowBud_18 Start: 14714, Stop: 15514, Start Num: 26
Candidate Starts for ShadowBud_18:
(Start: 26 @14714 has 321 MA's), (42, 14777), (53, 14834), (54, 14843), (55, 14846), (69, 14942), (75, 14978), (101, 15095), (124, 15227), (128, 15242), (132, 15263), (135, 15293), (156, 15362), (164, 15413), (170, 15434), (180, 15488), (181, 15491),

Gene: SharkTale_22 Start: 15876, Stop: 16562, Start Num: 22
Candidate Starts for SharkTale_22:
(Start: 22 @15876 has 232 MA's), (49, 15975), (75, 16146), (76, 16149), (134, 16410), (143, 16452), (155, 16497), (156, 16500),

Gene: Shatter_18 Start: 14690, Stop: 15502, Start Num: 27
Candidate Starts for Shatter_18:
(Start: 27 @14690 has 5 MA's), (Start: 34 @14708 has 1 MA's), (49, 14783), (53, 14810), (55, 14822), (61, 14867), (75, 14954), (81, 14975), (124, 15200), (131, 15230), (132, 15236), (156, 15338), (170, 15410), (181, 15467),

Gene: Sheila_18 Start: 14691, Stop: 15491, Start Num: 26

Candidate Starts for Sheila_18:
(Start: 26 @14691 has 321 MA's), (42, 14754), (53, 14811), (54, 14820), (55, 14823), (69, 14919), (75, 14955), (101, 15072), (124, 15204), (128, 15219), (132, 15240), (135, 15270), (156, 15339), (164, 15390), (180, 15465), (181, 15468),

Gene: Shenyu_20 Start: 16468, Stop: 17304, Start Num: 13
Candidate Starts for Shenyu_20:
(Start: 13 @16468 has 11 MA's), (Start: 28 @16501 has 12 MA's), (51, 16609), (54, 16630), (55, 16633), (58, 16651), (75, 16765), (127, 17023), (132, 17050), (146, 17107), (156, 17149),

Gene: ShiVal_18 Start: 14693, Stop: 15493, Start Num: 26
Candidate Starts for ShiVal_18:
(Start: 26 @14693 has 321 MA's), (42, 14756), (53, 14813), (54, 14822), (55, 14825), (69, 14921), (75, 14957), (101, 15074), (124, 15206), (128, 15221), (132, 15242), (135, 15272), (156, 15341), (164, 15392), (170, 15413), (180, 15467), (181, 15470),

Gene: Shinji_22 Start: 15124, Stop: 15810, Start Num: 22
Candidate Starts for Shinji_22:
(Start: 22 @15124 has 232 MA's), (53, 15250), (76, 15397), (102, 15517), (135, 15673), (143, 15700), (155, 15745), (156, 15748),

Gene: Shivanishola_23 Start: 18451, Stop: 19146, Start Num: 22
Candidate Starts for Shivanishola_23:
(Start: 22 @18451 has 232 MA's), (Start: 31 @18460 has 4 MA's), (37, 18490), (53, 18577), (65, 18652), (85, 18766), (97, 18823), (99, 18835), (107, 18856), (136, 19009), (143, 19033), (163, 19126), (167, 19141),

Gene: Shotgun_29 Start: 17132, Stop: 17812, Start Num: 22
Candidate Starts for Shotgun_29:
(Start: 22 @17132 has 232 MA's), (46, 17219), (51, 17243), (62, 17318), (65, 17330), (72, 17378), (84, 17438), (115, 17567), (119, 17579), (128, 17627), (135, 17681), (156, 17741), (169, 17801),

Gene: Shrubaron_30 Start: 17019, Stop: 17699, Start Num: 22
Candidate Starts for Shrubaron_30:
(Start: 22 @17019 has 232 MA's), (46, 17106), (61, 17199), (62, 17205), (65, 17217), (72, 17265), (84, 17325), (112, 17439), (128, 17514), (135, 17568), (156, 17628), (169, 17688),

Gene: Sigman_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Sigman_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: SilentRX_24 Start: 16580, Stop: 17476, Start Num: 16
Candidate Starts for SilentRX_24:
(Start: 16 @16580 has 24 MA's), (37, 16622), (39, 16634), (47, 16676), (55, 16721), (60, 16754), (67, 16811), (83, 16892), (93, 16937), (97, 16955), (119, 17021), (123, 17039), (128, 17066), (142, 17138), (153, 17162),

Gene: Sillytadpoles_27 Start: 16728, Stop: 17675, Start Num: 22
Candidate Starts for Sillytadpoles_27:
(Start: 22 @16728 has 232 MA's), (Start: 34 @16752 has 1 MA's), (43, 16800), (52, 16848), (136, 17298), (164, 17415), (189, 17520), (197, 17595),

Gene: SilverBell_18 Start: 14705, Stop: 15505, Start Num: 26
Candidate Starts for SilverBell_18:
(Start: 26 @14705 has 321 MA's), (42, 14768), (53, 14825), (54, 14834), (55, 14837), (69, 14933), (75, 14969), (101, 15086), (124, 15218), (128, 15233), (132, 15254), (135, 15284), (156, 15353), (164, 15404), (170, 15425), (180, 15479), (181, 15482),

Gene: Simielle_17 Start: 14391, Stop: 15191, Start Num: 26
Candidate Starts for Simielle_17:
(Start: 26 @14391 has 321 MA's), (42, 14454), (53, 14511), (54, 14520), (55, 14523), (69, 14619), (75, 14655), (101, 14772), (124, 14904), (128, 14919), (132, 14940), (135, 14970), (156, 15039), (164, 15090), (170, 15111), (180, 15165), (181, 15168),

Gene: SirBeauregard_17 Start: 14366, Stop: 15166, Start Num: 26
Candidate Starts for SirBeauregard_17:
(Start: 26 @14366 has 321 MA's), (42, 14429), (53, 14486), (54, 14495), (55, 14498), (69, 14594), (75, 14630), (101, 14747), (124, 14879), (128, 14894), (132, 14915), (135, 14945), (156, 15014), (164, 15065), (170, 15086), (180, 15140), (181, 15143),

Gene: SirFrank_29 Start: 17234, Stop: 17914, Start Num: 22
Candidate Starts for SirFrank_29:
(Start: 22 @17234 has 232 MA's), (46, 17321), (51, 17345), (62, 17420), (65, 17432), (72, 17480), (84, 17540), (119, 17681), (128, 17729), (135, 17783), (156, 17843),

Gene: SirJeffery_20 Start: 16497, Stop: 17333, Start Num: 13
Candidate Starts for SirJeffery_20:
(Start: 13 @16497 has 11 MA's), (Start: 28 @16530 has 12 MA's), (51, 16638), (52, 16644), (54, 16659), (55, 16662), (58, 16680), (75, 16794), (132, 17079), (135, 17109), (151, 17148), (156, 17178), (170, 17250),

Gene: Sisko_18 Start: 14990, Stop: 15799, Start Num: 26
Candidate Starts for Sisko_18:
(7, 14921), (11, 14939), (Start: 26 @14990 has 321 MA's), (Start: 34 @15008 has 1 MA's), (49, 15083), (55, 15122), (75, 15254), (81, 15275), (94, 15341), (132, 15536), (156, 15638), (160, 15653), (170, 15710),

Gene: Sitar_25 Start: 19794, Stop: 20489, Start Num: 22
Candidate Starts for Sitar_25:
(Start: 22 @19794 has 232 MA's), (Start: 31 @19803 has 4 MA's), (37, 19833), (53, 19920), (65, 19995), (72, 20043), (97, 20166), (99, 20178), (107, 20199), (136, 20352), (163, 20469),

Gene: Sixama_83 Start: 44174, Stop: 44824, Start Num: 22
Candidate Starts for Sixama_83:
(Start: 22 @44174 has 232 MA's), (38, 44219), (43, 44246), (51, 44288), (62, 44363), (75, 44444), (117, 44627), (123, 44651), (124, 44663), (125, 44666),

Gene: Sixsevenium_23 Start: 15025, Stop: 15711, Start Num: 22
Candidate Starts for Sixsevenium_23:
(Start: 22 @15025 has 232 MA's), (49, 15124), (75, 15295), (76, 15298), (134, 15559), (143, 15601), (155, 15646), (156, 15649),

Gene: Skippy_18 Start: 14684, Stop: 15484, Start Num: 26
Candidate Starts for Skippy_18:

(Start: 26 @14684 has 321 MA's), (42, 14747), (53, 14804), (54, 14813), (55, 14816), (69, 14912), (75, 14948), (101, 15065), (124, 15197), (128, 15212), (132, 15233), (135, 15263), (156, 15332), (164, 15383), (170, 15404), (180, 15458), (181, 15461),

Gene: Slatt_18 Start: 14716, Stop: 15516, Start Num: 26
Candidate Starts for Slatt_18:
(Start: 26 @14716 has 321 MA's), (42, 14779), (53, 14836), (54, 14845), (55, 14848), (69, 14944), (75, 14980), (101, 15097), (124, 15229), (128, 15244), (132, 15265), (135, 15295), (156, 15364), (164, 15415), (170, 15436), (180, 15490), (181, 15493),

Gene: SlySloth_30 Start: 17707, Stop: 18654, Start Num: 22
Candidate Starts for SlySloth_30:
(Start: 22 @17707 has 232 MA's), (Start: 34 @17731 has 1 MA's), (43, 17779), (52, 17827), (136, 18277), (164, 18394), (189, 18499), (197, 18574),

Gene: Smarties_38 Start: 19203, Stop: 19883, Start Num: 22
Candidate Starts for Smarties_38:
(Start: 22 @19203 has 232 MA's), (43, 19275), (46, 19290), (51, 19314), (62, 19389), (65, 19401), (67, 19428), (72, 19449), (84, 19509), (115, 19638), (119, 19650), (128, 19698), (135, 19752), (156, 19812),

Gene: SmokingBunny_22 Start: 15154, Stop: 15840, Start Num: 22
Candidate Starts for SmokingBunny_22:
(Start: 22 @15154 has 232 MA's), (49, 15253), (75, 15424), (76, 15427), (102, 15547), (155, 15775), (156, 15778),

Gene: Soile_18 Start: 14411, Stop: 15211, Start Num: 26
Candidate Starts for Soile_18:
(Start: 26 @14411 has 321 MA's), (42, 14474), (53, 14531), (54, 14540), (55, 14543), (69, 14639), (75, 14675), (101, 14792), (124, 14924), (128, 14939), (132, 14960), (135, 14990), (156, 15059), (164, 15110), (170, 15131), (180, 15185), (181, 15188),

Gene: Solosis_17 Start: 14418, Stop: 15218, Start Num: 26
Candidate Starts for Solosis_17:
(Start: 26 @14418 has 321 MA's), (42, 14481), (53, 14538), (54, 14547), (55, 14550), (69, 14646), (75, 14682), (101, 14799), (124, 14931), (128, 14946), (132, 14967), (135, 14997), (156, 15066), (164, 15117), (170, 15138), (180, 15192), (181, 15195),

Gene: Soos_45 Start: 26265, Stop: 27008, Start Num: 30
Candidate Starts for Soos_45:
(Start: 30 @26265 has 7 MA's), (32, 26271), (49, 26355), (55, 26394), (62, 26445), (75, 26526), (80, 26544), (91, 26595), (92, 26601), (94, 26613), (110, 26700), (118, 26733), (131, 26802), (156, 26910),

Gene: Sophia_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Sophia_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Soto_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for Soto_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164,

15395), (170, 15416), (180, 15470), (181, 15473),

Gene: Sour_21 Start: 16499, Stop: 17311, Start Num: 26
Candidate Starts for Sour_21:
(Start: 13 @16466 has 11 MA's), (Start: 26 @16499 has 321 MA's), (49, 16592), (55, 16631), (62, 16682), (75, 16763), (81, 16784), (83, 16802), (94, 16850), (132, 17045), (156, 17147), (160, 17162), (181, 17276), (188, 17300),

Gene: Spartan300_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for Spartan300_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (170, 15416), (180, 15470), (181, 15473),

Gene: Spiderpig_27 Start: 16100, Stop: 17041, Start Num: 22
Candidate Starts for Spiderpig_27:
(Start: 22 @16100 has 232 MA's), (38, 16145), (49, 16199), (91, 16439), (136, 16667), (160, 16745), (164, 16781), (175, 16835), (198, 16979), (201, 17021),

Gene: Squash_30 Start: 17789, Stop: 18736, Start Num: 22
Candidate Starts for Squash_30:
(Start: 22 @17789 has 232 MA's), (Start: 34 @17813 has 1 MA's), (43, 17861), (52, 17909), (136, 18359), (164, 18476), (189, 18581), (197, 18656),

Gene: Squid_18 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Squid_18:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Squiggle_18 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Squiggle_18:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Statler_29 Start: 17647, Stop: 18594, Start Num: 22
Candidate Starts for Statler_29:
(Start: 22 @17647 has 232 MA's), (Start: 34 @17671 has 1 MA's), (43, 17719), (52, 17767), (72, 17896), (135, 18214), (136, 18217), (164, 18334), (189, 18439), (197, 18514),

Gene: Stewart25555_74 Start: 47034, Stop: 47678, Start Num: 22
Candidate Starts for Stewart25555_74:
(Start: 22 @47034 has 232 MA's), (75, 47304), (117, 47484),

Gene: Stichling_22 Start: 17639, Stop: 18334, Start Num: 22
Candidate Starts for Stichling_22:
(Start: 22 @17639 has 232 MA's), (37, 17678), (65, 17840), (97, 18011), (99, 18023), (136, 18197), (163, 18314), (167, 18329),

Gene: Stillion_48 Start: 26850, Stop: 27605, Start Num: 30
Candidate Starts for Stillion_48:

(Start: 30 @26850 has 7 MA's), (32, 26856), (49, 26940), (55, 26979), (62, 27030), (75, 27111), (80, 27129), (91, 27180), (92, 27186), (94, 27198), (110, 27285), (118, 27318), (124, 27357), (131, 27387), (156, 27495),

Gene: Sting_48 Start: 26704, Stop: 27447, Start Num: 30
Candidate Starts for Sting_48:
(Start: 30 @26704 has 7 MA's), (32, 26710), (49, 26794), (55, 26833), (62, 26884), (75, 26965), (80, 26983), (91, 27034), (92, 27040), (94, 27052), (110, 27139), (118, 27172), (131, 27241), (156, 27349),

Gene: Stinger_16 Start: 14936, Stop: 15742, Start Num: 26
Candidate Starts for Stinger_16:
(Start: 26 @14936 has 321 MA's), (42, 14999), (54, 15065), (55, 15068), (72, 15179), (75, 15200), (81, 15221), (108, 15356), (124, 15449), (150, 15551), (156, 15584), (159, 15596), (160, 15599), (164, 15635),

Gene: StinkyVeggy_22 Start: 16657, Stop: 17460, Start Num: 28
Candidate Starts for StinkyVeggy_22:
(Start: 13 @16624 has 11 MA's), (Start: 28 @16657 has 12 MA's), (51, 16765), (52, 16771), (54, 16786), (55, 16789), (58, 16807), (75, 16921), (132, 17206), (135, 17236), (156, 17305),

Gene: StorminNorm_23 Start: 17897, Stop: 18592, Start Num: 22
Candidate Starts for StorminNorm_23:
(8, 17837), (Start: 22 @17897 has 232 MA's), (37, 17936), (65, 18098), (97, 18269), (99, 18281), (163, 18572), (167, 18587),

Gene: StrawberryJamm_30 Start: 16967, Stop: 17914, Start Num: 22
Candidate Starts for StrawberryJamm_30:
(Start: 22 @16967 has 232 MA's), (Start: 34 @16991 has 1 MA's), (43, 17039), (52, 17087), (136, 17537), (164, 17654), (189, 17759), (197, 17834),

Gene: Struggle_17 Start: 14252, Stop: 15052, Start Num: 26
Candidate Starts for Struggle_17:
(Start: 26 @14252 has 321 MA's), (42, 14315), (53, 14372), (54, 14381), (55, 14384), (69, 14480), (75, 14516), (101, 14633), (124, 14765), (128, 14780), (132, 14801), (135, 14831), (156, 14900), (164, 14951), (180, 15026), (181, 15029),

Gene: Stultus_23 Start: 18402, Stop: 19097, Start Num: 22
Candidate Starts for Stultus_23:
(Start: 22 @18402 has 232 MA's), (Start: 31 @18411 has 4 MA's), (37, 18441), (53, 18528), (65, 18603), (72, 18651), (97, 18774), (99, 18786), (107, 18807), (136, 18960), (163, 19077), (167, 19092),

Gene: Suffolk_18 Start: 14698, Stop: 15498, Start Num: 26
Candidate Starts for Suffolk_18:
(Start: 26 @14698 has 321 MA's), (42, 14761), (53, 14818), (54, 14827), (55, 14830), (69, 14926), (75, 14962), (101, 15079), (124, 15211), (128, 15226), (132, 15247), (135, 15277), (156, 15346), (164, 15397), (170, 15418), (180, 15472), (181, 15475),

Gene: Suigeneris_20 Start: 16509, Stop: 17345, Start Num: 13
Candidate Starts for Suigeneris_20:
(2, 16398), (Start: 13 @16509 has 11 MA's), (Start: 28 @16542 has 12 MA's), (49, 16635), (51, 16650), (52, 16656), (54, 16671), (55, 16674), (58, 16692), (75, 16806), (132, 17091), (135, 17121), (151, 17160), (156, 17190), (170, 17262),

Gene: Sunfish_35 Start: 18236, Stop: 19171, Start Num: 18
Candidate Starts for Sunfish_35:
(Start: 18 @18236 has 1 MA's), (38, 18287), (62, 18431), (74, 18506), (76, 18515), (77, 18521), (81, 18536), (135, 18809), (156, 18878), (158, 18887), (176, 18986), (190, 19037), (198, 19118), (200, 19145),

Gene: Sunny_ Start: 17321, Stop: 17998, Start Num: 22
Candidate Starts for Sunny_:
(Start: 22 @17321 has 232 MA's), (43, 17393), (46, 17408), (48, 17414), (55, 17456), (61, 17501), (62, 17507), (65, 17519), (67, 17546), (72, 17567), (84, 17627), (102, 17705), (112, 17741), (128, 17816), (135, 17870), (153, 17906), (156, 17930),

Gene: Surely_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Surely_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: Swiphy_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Swiphy_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (180, 15473), (181, 15476),

Gene: Swish_18 Start: 14694, Stop: 15494, Start Num: 26
Candidate Starts for Swish_18:
(Start: 26 @14694 has 321 MA's), (42, 14757), (53, 14814), (54, 14823), (55, 14826), (69, 14922), (75, 14958), (101, 15075), (124, 15207), (128, 15222), (132, 15243), (135, 15273), (156, 15342), (164, 15393), (170, 15414), (180, 15468), (181, 15471),

Gene: TP1604_16 Start: 16946, Stop: 17644, Start Num: 23
Candidate Starts for TP1604_16:
(Start: 23 @16946 has 13 MA's), (36, 16976), (40, 16994), (49, 17036), (50, 17048), (53, 17063), (55, 17075), (72, 17186), (75, 17207), (85, 17252), (100, 17318), (112, 17363), (129, 17438), (135, 17486), (136, 17489), (143, 17519), (148, 17531), (156, 17567), (169, 17633),

Gene: TPA2_27 Start: 17080, Stop: 17883, Start Num: 26
Candidate Starts for TPA2_27:
(Start: 26 @17080 has 321 MA's), (Start: 34 @17098 has 1 MA's), (44, 17149), (51, 17188), (55, 17212), (61, 17257), (72, 17323), (75, 17344), (85, 17389), (94, 17431), (124, 17590), (131, 17620), (132, 17626), (156, 17728), (172, 17800),

Gene: Talia1610_83 Start: 50531, Stop: 51187, Start Num: 22
Candidate Starts for Talia1610_83:
(Start: 22 @50531 has 232 MA's), (61, 50714), (75, 50801), (117, 50981), (124, 51017), (125, 51020),

Gene: TallGrassMM_18 Start: 14424, Stop: 15224, Start Num: 26
Candidate Starts for TallGrassMM_18:
(Start: 26 @14424 has 321 MA's), (42, 14487), (53, 14544), (54, 14553), (55, 14556), (69, 14652), (75, 14688), (101, 14805), (124, 14937), (128, 14952), (132, 14973), (135, 15003), (156, 15072), (164, 15123), (170, 15144), (180, 15198), (181, 15201),

Gene: Tangent_21 Start: 17601, Stop: 18296, Start Num: 22

Candidate Starts for Tangent_21:
(Start: 22 @17601 has 232 MA's), (Start: 31 @17610 has 4 MA's), (37, 17640), (53, 17727), (65, 17802), (85, 17916), (97, 17973), (99, 17985), (107, 18006), (136, 18159), (143, 18183), (163, 18276), (167, 18291),

Gene: Tangerine_23 Start: 17903, Stop: 18598, Start Num: 22
Candidate Starts for Tangerine_23:
(8, 17843), (Start: 22 @17903 has 232 MA's), (37, 17942), (65, 18104), (97, 18275), (99, 18287), (163, 18578), (167, 18593),

Gene: Tank_23 Start: 16142, Stop: 17065, Start Num: 16
Candidate Starts for Tank_23:
(Start: 16 @16142 has 24 MA's), (37, 16190), (38, 16196), (40, 16205), (72, 16400), (96, 16517), (123, 16631), (130, 16667), (140, 16721), (148, 16742), (158, 16787), (160, 16793), (164, 16829), (165, 16832), (176, 16889), (178, 16892), (195, 16976),

Gene: Taraxa_18 Start: 14278, Stop: 15078, Start Num: 26
Candidate Starts for Taraxa_18:
(Start: 26 @14278 has 321 MA's), (42, 14341), (53, 14398), (54, 14407), (55, 14410), (69, 14506), (75, 14542), (101, 14659), (124, 14791), (128, 14806), (132, 14827), (135, 14857), (156, 14926), (164, 14977), (180, 15052), (181, 15055),

Gene: Tardus_25 Start: 18205, Stop: 18894, Start Num: 21
Candidate Starts for Tardus_25:
(6, 18121), (8, 18148), (Start: 21 @18205 has 20 MA's), (37, 18244), (40, 18259), (51, 18319), (97, 18574), (158, 18841), (163, 18877),

Gene: Teehee_29 Start: 17965, Stop: 18912, Start Num: 22
Candidate Starts for Teehee_29:
(Start: 22 @17965 has 232 MA's), (Start: 34 @17989 has 1 MA's), (43, 18037), (52, 18085), (136, 18535), (164, 18652), (189, 18757), (197, 18832),

Gene: Telesworld_17 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for Telesworld_17:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Tempo_27 Start: 16160, Stop: 17101, Start Num: 22
Candidate Starts for Tempo_27:
(Start: 22 @16160 has 232 MA's), (38, 16205), (91, 16499), (128, 16670), (135, 16724), (136, 16727), (160, 16805), (173, 16874), (174, 16880), (175, 16895), (198, 17039),

Gene: Terij_26 Start: 16689, Stop: 17393, Start Num: 22
Candidate Starts for Terij_26:
(15, 16677), (Start: 22 @16689 has 232 MA's), (51, 16800), (55, 16824), (62, 16875), (65, 16887), (72, 16935), (112, 17112), (134, 17226), (135, 17241), (143, 17262), (151, 17280), (163, 17355),

Gene: Thing3_24 Start: 19151, Stop: 19846, Start Num: 22
Candidate Starts for Thing3_24:
(Start: 22 @19151 has 232 MA's), (Start: 31 @19160 has 4 MA's), (37, 19190), (53, 19277), (65, 19352), (97, 19523), (99, 19535), (107, 19556), (136, 19709), (163, 19826),

Gene: Thonko_19 Start: 14179, Stop: 14982, Start Num: 23
Candidate Starts for Thonko_19:
(Start: 23 @14179 has 13 MA's), (42, 14245), (49, 14275), (55, 14314), (61, 14359), (62, 14365), (75, 14446), (81, 14467), (90, 14512), (108, 14602), (132, 14731), (151, 14800), (156, 14830),

Gene: Thora_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Thora_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: ThreeOh3D2_18 Start: 14709, Stop: 15509, Start Num: 26
Candidate Starts for ThreeOh3D2_18:
(Start: 26 @14709 has 321 MA's), (42, 14772), (53, 14829), (54, 14838), (55, 14841), (69, 14937), (75, 14973), (101, 15090), (124, 15222), (128, 15237), (132, 15258), (135, 15288), (156, 15357), (164, 15408), (170, 15429), (180, 15483), (181, 15486),

Gene: Thunderbird_17 Start: 14408, Stop: 15208, Start Num: 26
Candidate Starts for Thunderbird_17:
(Start: 26 @14408 has 321 MA's), (42, 14471), (53, 14528), (54, 14537), (55, 14540), (69, 14636), (75, 14672), (101, 14789), (124, 14921), (128, 14936), (132, 14957), (135, 14987), (156, 15056), (164, 15107), (170, 15128), (180, 15182), (181, 15185),

Gene: Tiamoceli_24 Start: 18020, Stop: 18715, Start Num: 21
Candidate Starts for Tiamoceli_24:
(Start: 21 @18020 has 20 MA's), (Start: 31 @18029 has 4 MA's), (37, 18059), (49, 18119), (51, 18134), (53, 18146), (75, 18290), (97, 18389), (99, 18401), (121, 18485), (135, 18572), (158, 18656),

Gene: TillyBobJoe_22 Start: 14938, Stop: 15624, Start Num: 22
Candidate Starts for TillyBobJoe_22:
(Start: 22 @14938 has 232 MA's), (53, 15064), (76, 15211), (102, 15331), (135, 15487), (143, 15514), (155, 15559), (156, 15562),

Gene: Timmi_17 Start: 14418, Stop: 15218, Start Num: 26
Candidate Starts for Timmi_17:
(Start: 26 @14418 has 321 MA's), (42, 14481), (53, 14538), (54, 14547), (55, 14550), (69, 14646), (75, 14682), (101, 14799), (124, 14931), (128, 14946), (132, 14967), (135, 14997), (156, 15066), (164, 15117), (170, 15138), (180, 15192), (181, 15195),

Gene: Tissue_28 Start: 17458, Stop: 18405, Start Num: 22
Candidate Starts for Tissue_28:
(Start: 22 @17458 has 232 MA's), (Start: 34 @17482 has 1 MA's), (43, 17530), (52, 17578), (135, 18025), (136, 18028), (164, 18145), (189, 18250), (197, 18325),

Gene: Togo_22 Start: 15154, Stop: 15840, Start Num: 22
Candidate Starts for Togo_22:
(Start: 22 @15154 has 232 MA's), (49, 15253), (75, 15424), (76, 15427), (102, 15547), (155, 15775), (156, 15778),

Gene: TomBombadil_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for TomBombadil_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164,

15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Tomlarah_18 Start: 14694, Stop: 15494, Start Num: 26
Candidate Starts for Tomlarah_18:
(Start: 26 @14694 has 321 MA's), (42, 14757), (53, 14814), (54, 14823), (55, 14826), (69, 14922), (75, 14958), (101, 15075), (124, 15207), (128, 15222), (132, 15243), (135, 15273), (156, 15342), (164, 15393), (170, 15414), (180, 15468), (181, 15471),

Gene: Toni_17 Start: 14404, Stop: 15204, Start Num: 26
Candidate Starts for Toni_17:
(Start: 26 @14404 has 321 MA's), (42, 14467), (53, 14524), (54, 14533), (55, 14536), (69, 14632), (75, 14668), (101, 14785), (124, 14917), (128, 14932), (132, 14953), (135, 14983), (156, 15052), (164, 15103), (170, 15124), (180, 15178), (181, 15181),

Gene: Tonitrus_35 Start: 23239, Stop: 23979, Start Num: 29
Candidate Starts for Tonitrus_35:
(Start: 29 @23239 has 1 MA's), (33, 23254), (51, 23347), (58, 23389), (67, 23461), (70, 23470), (72, 23482), (75, 23503), (80, 23521), (104, 23632), (106, 23641), (108, 23653), (114, 23698), (118, 23710), (131, 23779), (133, 23791), (135, 23815), (157, 23890), (160, 23902),

Gene: TooFast2Furius_19 Start: 14940, Stop: 15740, Start Num: 26
Candidate Starts for TooFast2Furius_19:
(Start: 26 @14940 has 321 MA's), (42, 15003), (53, 15060), (54, 15069), (55, 15072), (69, 15168), (75, 15204), (101, 15321), (124, 15453), (128, 15468), (132, 15489), (135, 15519), (156, 15588), (164, 15639), (170, 15660), (180, 15714), (181, 15717),

Gene: Tooj_18 Start: 14706, Stop: 15506, Start Num: 26
Candidate Starts for Tooj_18:
(Start: 26 @14706 has 321 MA's), (42, 14769), (53, 14826), (54, 14835), (55, 14838), (69, 14934), (75, 14970), (101, 15087), (124, 15219), (128, 15234), (132, 15255), (135, 15285), (156, 15354), (164, 15405), (170, 15426), (180, 15480), (181, 15483),

Gene: TraderJ_20 Start: 16088, Stop: 16900, Start Num: 26
Candidate Starts for TraderJ_20:
(Start: 26 @16088 has 321 MA's), (Start: 34 @16106 has 1 MA's), (49, 16181), (55, 16220), (61, 16265), (75, 16352), (81, 16373), (83, 16391), (85, 16397), (94, 16439), (132, 16634), (156, 16736), (170, 16808),

Gene: Triad_18 Start: 14243, Stop: 15043, Start Num: 26
Candidate Starts for Triad_18:
(Start: 26 @14243 has 321 MA's), (42, 14306), (53, 14363), (54, 14372), (55, 14375), (69, 14471), (75, 14507), (101, 14624), (124, 14756), (128, 14771), (132, 14792), (135, 14822), (156, 14891), (164, 14942), (170, 14963), (180, 15017), (181, 15020),

Gene: True_17 Start: 14407, Stop: 15207, Start Num: 26
Candidate Starts for True_17:
(Start: 26 @14407 has 321 MA's), (42, 14470), (53, 14527), (54, 14536), (55, 14539), (69, 14635), (75, 14671), (101, 14788), (124, 14920), (128, 14935), (132, 14956), (135, 14986), (156, 15055), (164, 15106), (170, 15127), (180, 15181), (181, 15184),

Gene: Trypo_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for Trypo_18:

(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (180, 15470), (181, 15473),

Gene: TurkishDelight_21 Start: 18601, Stop: 19302, Start Num: 22
Candidate Starts for TurkishDelight_21:
(12, 18562), (Start: 22 @18601 has 232 MA's), (52, 18715), (53, 18721), (76, 18868), (80, 18883), (103, 18988), (111, 19021), (125, 19087), (148, 19186), (156, 19222), (169, 19291),

Gene: Twister6_24 Start: 15581, Stop: 16267, Start Num: 22
Candidate Starts for Twister6_24:
(Start: 22 @15581 has 232 MA's), (49, 15680), (75, 15851), (76, 15854), (102, 15974), (155, 16202), (156, 16205),

Gene: Twonlo_21 Start: 16638, Stop: 17333, Start Num: 21
Candidate Starts for Twonlo_21:
(Start: 21 @16638 has 20 MA's), (Start: 31 @16647 has 4 MA's), (37, 16677), (49, 16737), (51, 16752), (53, 16764), (75, 16908), (97, 17007), (99, 17019), (121, 17103), (135, 17190), (158, 17274),

Gene: Tycho_23 Start: 17995, Stop: 18690, Start Num: 21
Candidate Starts for Tycho_23:
(Start: 21 @17995 has 20 MA's), (37, 18034), (50, 18106), (65, 18196), (67, 18223), (97, 18367), (99, 18379), (136, 18553), (163, 18670), (167, 18685),

Gene: TyrionL_17 Start: 14258, Stop: 15058, Start Num: 26
Candidate Starts for TyrionL_17:
(Start: 26 @14258 has 321 MA's), (42, 14321), (53, 14378), (54, 14387), (55, 14390), (69, 14486), (75, 14522), (101, 14639), (124, 14771), (128, 14786), (132, 14807), (135, 14837), (156, 14906), (164, 14957), (170, 14978), (180, 15032), (181, 15035),

Gene: Tyrumbra_28 Start: 16425, Stop: 17105, Start Num: 22
Candidate Starts for Tyrumbra_28:
(Start: 22 @16425 has 232 MA's), (46, 16512), (61, 16605), (65, 16623), (72, 16671), (76, 16695), (84, 16731), (112, 16845), (119, 16872), (128, 16920), (135, 16974), (156, 17034), (169, 17094),

Gene: UAch1_18 Start: 14717, Stop: 15517, Start Num: 26
Candidate Starts for UAch1_18:
(Start: 26 @14717 has 321 MA's), (42, 14780), (53, 14837), (54, 14846), (55, 14849), (69, 14945), (75, 14981), (101, 15098), (124, 15230), (128, 15245), (132, 15266), (135, 15296), (156, 15365), (164, 15416), (170, 15437), (180, 15491), (181, 15494),

Gene: UncleHowie_18 Start: 14406, Stop: 15206, Start Num: 26
Candidate Starts for UncleHowie_18:
(Start: 26 @14406 has 321 MA's), (42, 14469), (53, 14526), (54, 14535), (55, 14538), (69, 14634), (75, 14670), (101, 14787), (124, 14919), (128, 14934), (132, 14955), (135, 14985), (156, 15054), (164, 15105), (170, 15126), (180, 15180), (181, 15183),

Gene: Usavi_18 Start: 14708, Stop: 15508, Start Num: 26
Candidate Starts for Usavi_18:
(Start: 26 @14708 has 321 MA's), (42, 14771), (53, 14828), (54, 14837), (55, 14840), (69, 14936), (75, 14972), (101, 15089), (124, 15221), (128, 15236), (132, 15257), (135, 15287), (156, 15356), (164, 15407), (170, 15428), (180, 15482), (181, 15485),

Gene: Vaishali24_17 Start: 14359, Stop: 15159, Start Num: 26
Candidate Starts for Vaishali24_17:
(Start: 26 @14359 has 321 MA's), (42, 14422), (53, 14479), (54, 14488), (55, 14491), (69, 14587), (75, 14623), (101, 14740), (124, 14872), (128, 14887), (132, 14908), (135, 14938), (156, 15007), (164, 15058), (170, 15079), (180, 15133), (181, 15136),

Gene: Valary_25 Start: 16032, Stop: 16718, Start Num: 22
Candidate Starts for Valary_25:
(Start: 22 @16032 has 232 MA's), (53, 16158), (76, 16305), (102, 16425), (135, 16581), (143, 16608), (155, 16653), (156, 16656),

Gene: Valjean_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Valjean_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: VanDeWege_25 Start: 15962, Stop: 16648, Start Num: 22
Candidate Starts for VanDeWege_25:
(Start: 22 @15962 has 232 MA's), (49, 16061), (75, 16232), (76, 16235), (102, 16355), (155, 16583), (156, 16586),

Gene: Vaticameos_18 Start: 14397, Stop: 15197, Start Num: 26
Candidate Starts for Vaticameos_18:
(Start: 26 @14397 has 321 MA's), (42, 14460), (53, 14517), (54, 14526), (55, 14529), (69, 14625), (75, 14661), (101, 14778), (124, 14910), (128, 14925), (132, 14946), (135, 14976), (156, 15045), (164, 15096), (170, 15117), (180, 15171), (181, 15174),

Gene: Vectra_17 Start: 14263, Stop: 15063, Start Num: 26
Candidate Starts for Vectra_17:
(Start: 26 @14263 has 321 MA's), (42, 14326), (53, 14383), (54, 14392), (55, 14395), (69, 14491), (75, 14527), (101, 14644), (124, 14776), (128, 14791), (132, 14812), (135, 14842), (156, 14911), (164, 14962), (180, 15037), (181, 15040),

Gene: Veritas_17 Start: 14246, Stop: 15046, Start Num: 26
Candidate Starts for Veritas_17:
(Start: 26 @14246 has 321 MA's), (42, 14309), (53, 14366), (54, 14375), (55, 14378), (69, 14474), (75, 14510), (101, 14627), (124, 14759), (128, 14774), (132, 14795), (135, 14825), (156, 14894), (164, 14945), (170, 14966), (180, 15020), (181, 15023),

Gene: Verity_24 Start: 18380, Stop: 19072, Start Num: 21
Candidate Starts for Verity_24:
(Start: 21 @18380 has 20 MA's), (37, 18419), (40, 18434), (44, 18455), (45, 18458), (51, 18494), (97, 18749), (158, 19016),

Gene: ViaConlectus_25 Start: 18946, Stop: 19632, Start Num: 22
Candidate Starts for ViaConlectus_25:
(6, 18862), (8, 18889), (14, 18925), (Start: 22 @18946 has 232 MA's), (37, 18985), (40, 19000), (51, 19060), (85, 19261), (97, 19315), (121, 19411), (158, 19582), (163, 19618),

Gene: Viceroy_27 Start: 16730, Stop: 17677, Start Num: 22
Candidate Starts for Viceroy_27:

(Start: 22 @16730 has 232 MA's), (Start: 34 @16754 has 1 MA's), (43, 16802), (52, 16850), (136, 17300), (164, 17417), (189, 17522), (197, 17597),

Gene: Vincenzo_19 Start: 17209, Stop: 18015, Start Num: 26
Candidate Starts for Vincenzo_19:
(9, 17149), (Start: 26 @17209 has 321 MA's), (42, 17272), (53, 17329), (55, 17341), (58, 17359), (75, 17473), (81, 17494), (124, 17722), (132, 17758), (135, 17788), (150, 17824), (156, 17857), (159, 17869), (164, 17908), (181, 17986),

Gene: VioletZ_18 Start: 16470, Stop: 17276, Start Num: 25
Candidate Starts for VioletZ_18:
(Start: 25 @16470 has 25 MA's), (42, 16533), (54, 16599), (55, 16602), (58, 16620), (72, 16713), (75, 16734), (81, 16755), (105, 16872), (108, 16890), (124, 16983), (150, 17085), (156, 17118), (159, 17130), (160, 17133), (164, 17169),

Gene: Virapocalypse_18 Start: 14691, Stop: 15491, Start Num: 26
Candidate Starts for Virapocalypse_18:
(Start: 26 @14691 has 321 MA's), (42, 14754), (53, 14811), (54, 14820), (55, 14823), (69, 14919), (75, 14955), (101, 15072), (124, 15204), (128, 15219), (132, 15240), (135, 15270), (156, 15339), (164, 15390), (170, 15411), (180, 15465), (181, 15468),

Gene: Virgeve_17 Start: 14412, Stop: 15212, Start Num: 26
Candidate Starts for Virgeve_17:
(Start: 26 @14412 has 321 MA's), (42, 14475), (53, 14532), (54, 14541), (55, 14544), (69, 14640), (75, 14676), (101, 14793), (124, 14925), (128, 14940), (132, 14961), (135, 14991), (156, 15060), (164, 15111), (170, 15132), (180, 15186), (181, 15189),

Gene: Vista_18 Start: 14702, Stop: 15502, Start Num: 26
Candidate Starts for Vista_18:
(Start: 26 @14702 has 321 MA's), (42, 14765), (53, 14822), (54, 14831), (55, 14834), (69, 14930), (75, 14966), (101, 15083), (124, 15215), (128, 15230), (132, 15251), (135, 15281), (156, 15350), (164, 15401), (170, 15422), (180, 15476), (181, 15479),

Gene: Vivaldi_18 Start: 14733, Stop: 15533, Start Num: 26
Candidate Starts for Vivaldi_18:
(Start: 26 @14733 has 321 MA's), (42, 14796), (53, 14853), (54, 14862), (55, 14865), (69, 14961), (75, 14997), (101, 15114), (124, 15246), (128, 15261), (132, 15282), (135, 15312), (156, 15381), (164, 15432), (170, 15453), (180, 15507), (181, 15510),

Gene: Vivi2_23 Start: 18774, Stop: 19469, Start Num: 22
Candidate Starts for Vivi2_23:
(Start: 22 @18774 has 232 MA's), (Start: 31 @18783 has 4 MA's), (37, 18813), (53, 18900), (65, 18975), (85, 19089), (97, 19146), (99, 19158), (107, 19179), (136, 19332), (143, 19356), (163, 19449), (167, 19464),

Gene: Vortex_18 Start: 14413, Stop: 15213, Start Num: 26
Candidate Starts for Vortex_18:
(Start: 26 @14413 has 321 MA's), (42, 14476), (53, 14533), (54, 14542), (55, 14545), (69, 14641), (75, 14677), (101, 14794), (124, 14926), (128, 14941), (132, 14962), (135, 14992), (156, 15061), (164, 15112), (170, 15133), (180, 15187), (181, 15190),

Gene: WaddleDee_71 Start: 46478, Stop: 47122, Start Num: 22
Candidate Starts for WaddleDee_71:

(Start: 22 @46478 has 232 MA's), (44, 46553), (51, 46592), (75, 46748), (117, 46928), (144, 47051),

Gene: Waleliano_18 Start: 16440, Stop: 17246, Start Num: 25
Candidate Starts for Waleliano_18:
(Start: 25 @16440 has 25 MA's), (42, 16503), (54, 16569), (55, 16572), (58, 16590), (72, 16683), (75, 16704), (81, 16725), (105, 16842), (108, 16860), (124, 16953), (135, 17019), (150, 17055), (156, 17088), (159, 17100), (160, 17103), (164, 17139),

Gene: Wallhey_17 Start: 14264, Stop: 15064, Start Num: 26
Candidate Starts for Wallhey_17:
(Start: 26 @14264 has 321 MA's), (42, 14327), (53, 14384), (54, 14393), (55, 14396), (69, 14492), (75, 14528), (101, 14645), (124, 14777), (128, 14792), (132, 14813), (135, 14843), (156, 14912), (164, 14963), (180, 15038), (181, 15041),

Gene: Waterdiva_18 Start: 14700, Stop: 15500, Start Num: 26
Candidate Starts for Waterdiva_18:
(Start: 26 @14700 has 321 MA's), (42, 14763), (53, 14820), (54, 14829), (55, 14832), (69, 14928), (75, 14964), (101, 15081), (124, 15213), (128, 15228), (132, 15249), (135, 15279), (156, 15348), (164, 15399), (170, 15420), (180, 15474), (181, 15477),

Gene: Wayne3_29 Start: 17728, Stop: 18675, Start Num: 22
Candidate Starts for Wayne3_29:
(Start: 22 @17728 has 232 MA's), (Start: 34 @17752 has 1 MA's), (43, 17800), (52, 17848), (136, 18298), (164, 18415), (189, 18520), (197, 18595),

Gene: Weher20_18 Start: 14690, Stop: 15490, Start Num: 26
Candidate Starts for Weher20_18:
(Start: 26 @14690 has 321 MA's), (42, 14753), (53, 14810), (54, 14819), (55, 14822), (69, 14918), (75, 14954), (101, 15071), (124, 15203), (128, 15218), (132, 15239), (135, 15269), (156, 15338), (164, 15389), (170, 15410), (180, 15464), (181, 15467),

Gene: WheelerS25_33 Start: 18462, Stop: 19409, Start Num: 22
Candidate Starts for WheelerS25_33:
(Start: 22 @18462 has 232 MA's), (Start: 34 @18486 has 1 MA's), (43, 18534), (52, 18582), (72, 18711), (136, 19032), (164, 19149), (189, 19254), (197, 19329),

Gene: Wheelie_27 Start: 17046, Stop: 17993, Start Num: 22
Candidate Starts for Wheelie_27:
(Start: 22 @17046 has 232 MA's), (Start: 34 @17070 has 1 MA's), (43, 17118), (52, 17166), (136, 17616), (164, 17733), (189, 17838), (197, 17913),

Gene: Wilca_27 Start: 16100, Stop: 17041, Start Num: 22
Candidate Starts for Wilca_27:
(Start: 22 @16100 has 232 MA's), (38, 16145), (49, 16199), (91, 16439), (136, 16667), (160, 16745), (164, 16781), (175, 16835), (198, 16979), (201, 17021),

Gene: Wilde_23 Start: 16071, Stop: 16994, Start Num: 16
Candidate Starts for Wilde_23:
(Start: 16 @16071 has 24 MA's), (33, 16101), (37, 16119), (38, 16125), (40, 16134), (72, 16329), (96, 16446), (123, 16560), (130, 16596), (140, 16650), (148, 16671), (158, 16716), (160, 16722), (164, 16758), (165, 16761), (176, 16818), (178, 16821), (195, 16905),

Gene: Windsor_17 Start: 14366, Stop: 15166, Start Num: 26

Candidate Starts for Windsor_17:
(Start: 26 @14366 has 321 MA's), (42, 14429), (53, 14486), (54, 14495), (55, 14498), (69, 14594), (75, 14630), (101, 14747), (124, 14879), (128, 14894), (132, 14915), (135, 14945), (156, 15014), (164, 15065), (170, 15086), (180, 15140), (181, 15143),

Gene: Wizard_22 Start: 15288, Stop: 15974, Start Num: 22
Candidate Starts for Wizard_22:
(Start: 22 @15288 has 232 MA's), (53, 15414), (76, 15561), (102, 15681), (135, 15837), (143, 15864), (155, 15909), (156, 15912),

Gene: Wooper_20 Start: 16094, Stop: 16906, Start Num: 26
Candidate Starts for Wooper_20:
(Start: 26 @16094 has 321 MA's), (Start: 34 @16112 has 1 MA's), (49, 16187), (55, 16226), (61, 16271), (75, 16358), (81, 16379), (83, 16397), (94, 16445), (132, 16640), (156, 16742), (170, 16814),

Gene: Xavier_17 Start: 14418, Stop: 15218, Start Num: 26
Candidate Starts for Xavier_17:
(Start: 26 @14418 has 321 MA's), (42, 14481), (53, 14538), (54, 14547), (55, 14550), (69, 14646), (75, 14682), (101, 14799), (124, 14931), (128, 14946), (132, 14967), (135, 14997), (156, 15066), (164, 15117), (170, 15138), (180, 15192), (181, 15195),

Gene: Xincheng_18 Start: 16261, Stop: 17067, Start Num: 25
Candidate Starts for Xincheng_18:
(Start: 25 @16261 has 25 MA's), (42, 16324), (55, 16393), (58, 16411), (72, 16504), (75, 16525), (81, 16546), (105, 16663), (108, 16681), (124, 16774), (150, 16876), (156, 16909), (159, 16921), (160, 16924), (164, 16960),

Gene: Xkcd426_22 Start: 24333, Stop: 25025, Start Num: 23
Candidate Starts for Xkcd426_22:
(Start: 23 @24333 has 13 MA's), (38, 24372), (45, 24405), (49, 24423), (50, 24435), (53, 24450), (63, 24516), (73, 24585), (81, 24615), (82, 24618), (100, 24705), (136, 24876), (148, 24912), (156, 24948), (160, 24963),

Gene: YDN12_17 Start: 16883, Stop: 17587, Start Num: 23
Candidate Starts for YDN12_17:
(Start: 23 @16883 has 13 MA's), (36, 16913), (40, 16931), (49, 16973), (50, 16985), (52, 16994), (53, 17000), (55, 17012), (56, 17018), (72, 17123), (75, 17144), (81, 17165), (100, 17255), (129, 17375), (135, 17423), (136, 17426), (143, 17456), (148, 17468), (156, 17504),

Gene: Yago84_18 Start: 14999, Stop: 15808, Start Num: 26
Candidate Starts for Yago84_18:
(7, 14930), (11, 14948), (Start: 26 @14999 has 321 MA's), (Start: 34 @15017 has 1 MA's), (49, 15092), (55, 15131), (61, 15176), (75, 15263), (81, 15284), (94, 15350), (132, 15545), (156, 15647), (160, 15662), (170, 15719),

Gene: Yeshua_20 Start: 16071, Stop: 16883, Start Num: 26
Candidate Starts for Yeshua_20:
(Start: 26 @16071 has 321 MA's), (Start: 34 @16089 has 1 MA's), (49, 16164), (55, 16203), (61, 16248), (75, 16335), (81, 16356), (83, 16374), (94, 16422), (132, 16617), (156, 16719), (170, 16791),

Gene: Yeti_30 Start: 17302, Stop: 17982, Start Num: 22
Candidate Starts for Yeti_30:

(Start: 22 @17302 has 232 MA's), (46, 17389), (51, 17413), (62, 17488), (65, 17500), (72, 17548), (84, 17608), (115, 17737), (119, 17749), (128, 17797), (135, 17851), (156, 17911),

Gene: YorkOnyx_24 Start: 18263, Stop: 18958, Start Num: 21
Candidate Starts for YorkOnyx_24:
(Start: 21 @18263 has 20 MA's), (37, 18302), (65, 18464), (97, 18635), (99, 18647), (136, 18821), (163, 18938), (167, 18953),

Gene: Yoshand_18 Start: 14703, Stop: 15503, Start Num: 26
Candidate Starts for Yoshand_18:
(Start: 26 @14703 has 321 MA's), (42, 14766), (53, 14823), (54, 14832), (55, 14835), (69, 14931), (75, 14967), (101, 15084), (124, 15216), (128, 15231), (132, 15252), (135, 15282), (156, 15351), (164, 15402), (170, 15423), (180, 15477), (181, 15480),

Gene: YouGoGlencoco_18 Start: 14696, Stop: 15496, Start Num: 26
Candidate Starts for YouGoGlencoco_18:
(Start: 26 @14696 has 321 MA's), (42, 14759), (53, 14816), (54, 14825), (55, 14828), (69, 14924), (75, 14960), (101, 15077), (124, 15209), (128, 15224), (132, 15245), (135, 15275), (156, 15344), (164, 15395), (170, 15416), (180, 15470), (181, 15473),

Gene: YungMoney_24 Start: 16576, Stop: 17262, Start Num: 22
Candidate Starts for YungMoney_24:
(Start: 22 @16576 has 232 MA's), (49, 16675), (75, 16846), (76, 16849), (134, 17110), (143, 17152), (155, 17197), (156, 17200),

Gene: Zagie_28 Start: 17168, Stop: 18115, Start Num: 22
Candidate Starts for Zagie_28:
(Start: 22 @17168 has 232 MA's), (Start: 34 @17192 has 1 MA's), (43, 17240), (52, 17288), (135, 17735), (136, 17738), (164, 17855), (189, 17960), (197, 18035),

Gene: Zaider_19 Start: 14929, Stop: 15729, Start Num: 26
Candidate Starts for Zaider_19:
(Start: 26 @14929 has 321 MA's), (42, 14992), (53, 15049), (54, 15058), (55, 15061), (69, 15157), (75, 15193), (101, 15310), (124, 15442), (128, 15457), (132, 15478), (135, 15508), (156, 15577), (164, 15628), (170, 15649), (180, 15703), (181, 15706),

Gene: Zapato_29 Start: 17142, Stop: 17822, Start Num: 22
Candidate Starts for Zapato_29:
(Start: 22 @17142 has 232 MA's), (43, 17214), (46, 17229), (51, 17253), (62, 17328), (65, 17340), (73, 17400), (76, 17412), (84, 17448), (119, 17589), (128, 17637), (135, 17691), (156, 17751),

Gene: Zelda_18 Start: 14699, Stop: 15499, Start Num: 26
Candidate Starts for Zelda_18:
(Start: 26 @14699 has 321 MA's), (42, 14762), (53, 14819), (54, 14828), (55, 14831), (69, 14927), (75, 14963), (101, 15080), (124, 15212), (128, 15227), (132, 15248), (135, 15278), (156, 15347), (164, 15398), (170, 15419), (180, 15473), (181, 15476),

Gene: Zemanar_19 Start: 16440, Stop: 17246, Start Num: 25
Candidate Starts for Zemanar_19:
(Start: 25 @16440 has 25 MA's), (42, 16503), (54, 16569), (55, 16572), (58, 16590), (72, 16683), (75, 16704), (81, 16725), (105, 16842), (108, 16860), (124, 16953), (135, 17019), (150, 17055), (156, 17088), (159, 17100), (160, 17103), (164, 17139),

Gene: Zenteno07_23 Start: 15859, Stop: 16659, Start Num: 26
Candidate Starts for Zenteno07_23:
(Start: 26 @15859 has 321 MA's), (42, 15922), (54, 15988), (55, 15991), (75, 16123), (101, 16240), (108, 16279), (156, 16507), (166, 16564),

Gene: ZestyBestie_26 Start: 17027, Stop: 17950, Start Num: 34
Candidate Starts for ZestyBestie_26:
(Start: 22 @17003 has 232 MA's), (Start: 34 @17027 has 1 MA's), (43, 17075), (52, 17123), (135, 17570), (136, 17573), (164, 17690), (189, 17795), (197, 17870),

Gene: Zhafia_30 Start: 17524, Stop: 18471, Start Num: 22
Candidate Starts for Zhafia_30:
(Start: 22 @17524 has 232 MA's), (Start: 34 @17548 has 1 MA's), (43, 17596), (52, 17644), (136, 18094), (164, 18211), (189, 18316), (197, 18391),

Gene: Zipp_24 Start: 19029, Stop: 19721, Start Num: 21
Candidate Starts for Zipp_24:
(Start: 21 @19029 has 20 MA's), (37, 19068), (40, 19083), (44, 19104), (45, 19107), (51, 19143), (97, 19398), (158, 19665),

Gene: Zitch_26 Start: 18227, Stop: 18913, Start Num: 22
Candidate Starts for Zitch_26:
(6, 18143), (8, 18170), (14, 18206), (Start: 22 @18227 has 232 MA's), (37, 18266), (40, 18281), (51, 18341), (97, 18596), (158, 18863), (163, 18899),

Gene: Zonia_18 Start: 14713, Stop: 15513, Start Num: 26
Candidate Starts for Zonia_18:
(Start: 26 @14713 has 321 MA's), (42, 14776), (53, 14833), (54, 14842), (55, 14845), (69, 14941), (75, 14977), (101, 15094), (124, 15226), (128, 15241), (132, 15262), (135, 15292), (156, 15361), (164, 15412), (180, 15487), (181, 15490),

Gene: phiAsp2_16 Start: 10966, Stop: 11655, Start Num: 23
Candidate Starts for phiAsp2_16:
(11, 10918), (Start: 23 @10966 has 13 MA's), (67, 11194), (70, 11203), (72, 11215), (76, 11239), (84, 11278), (98, 11341), (116, 11416), (122, 11443), (128, 11473), (129, 11476), (135, 11524),