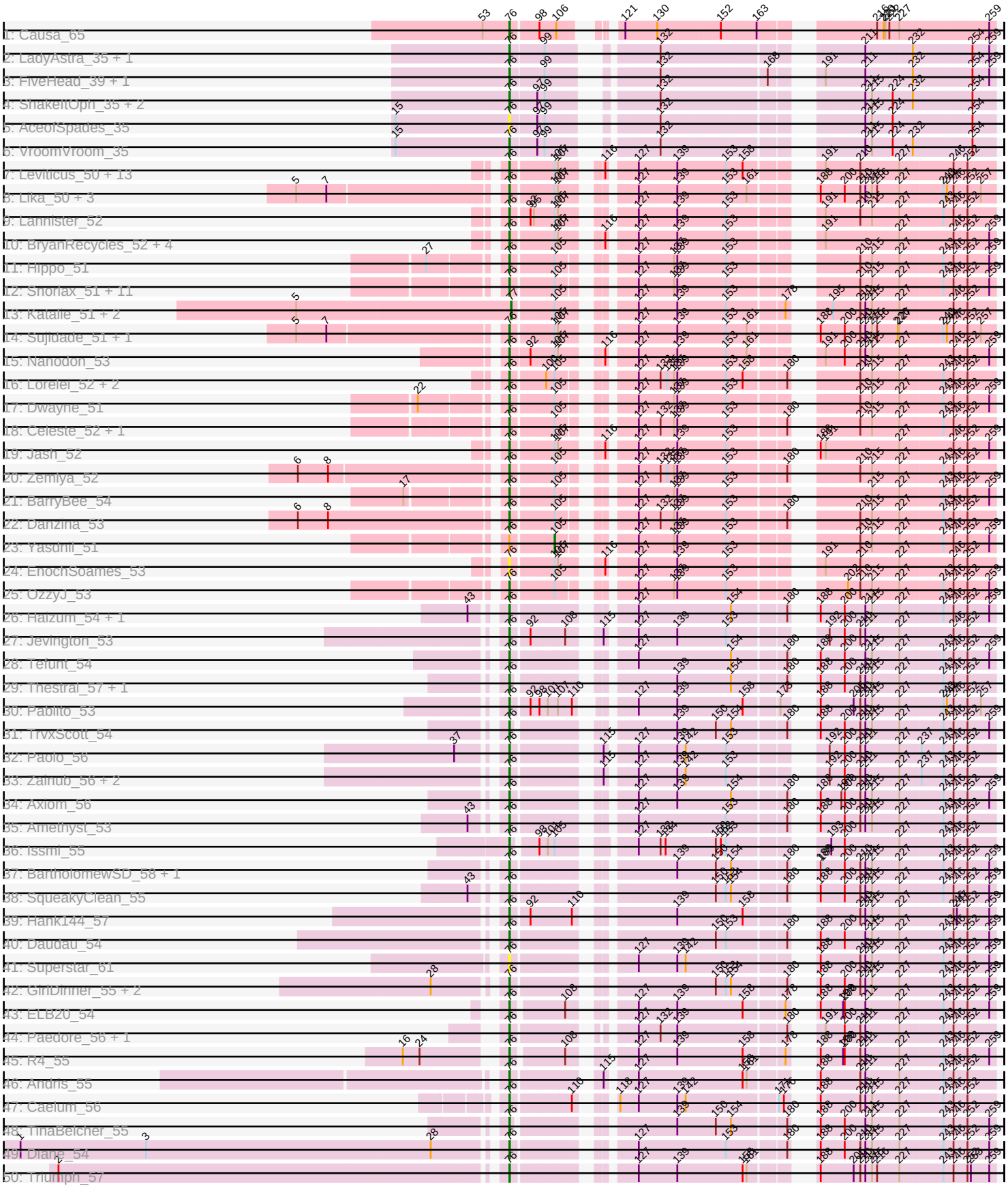
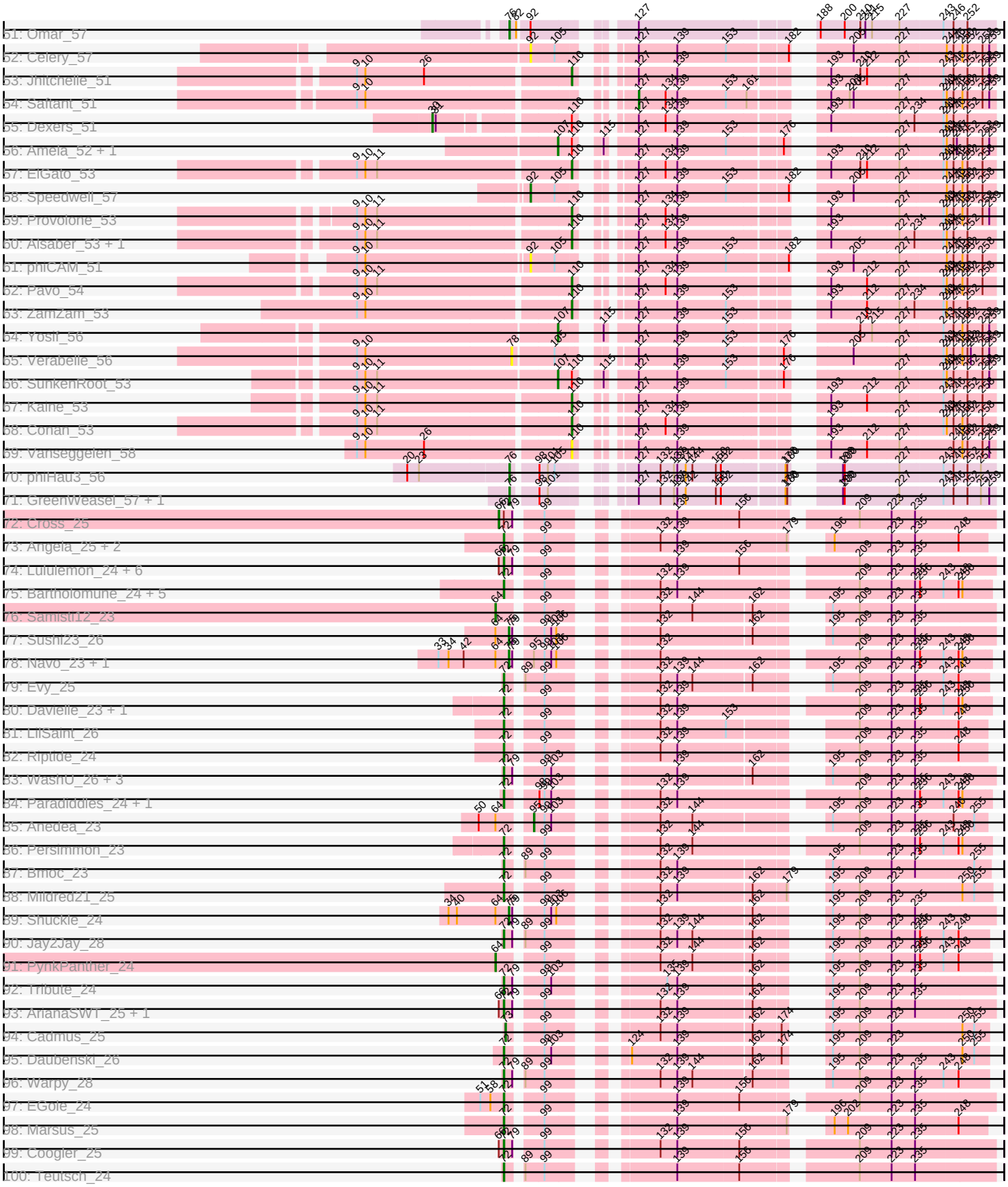
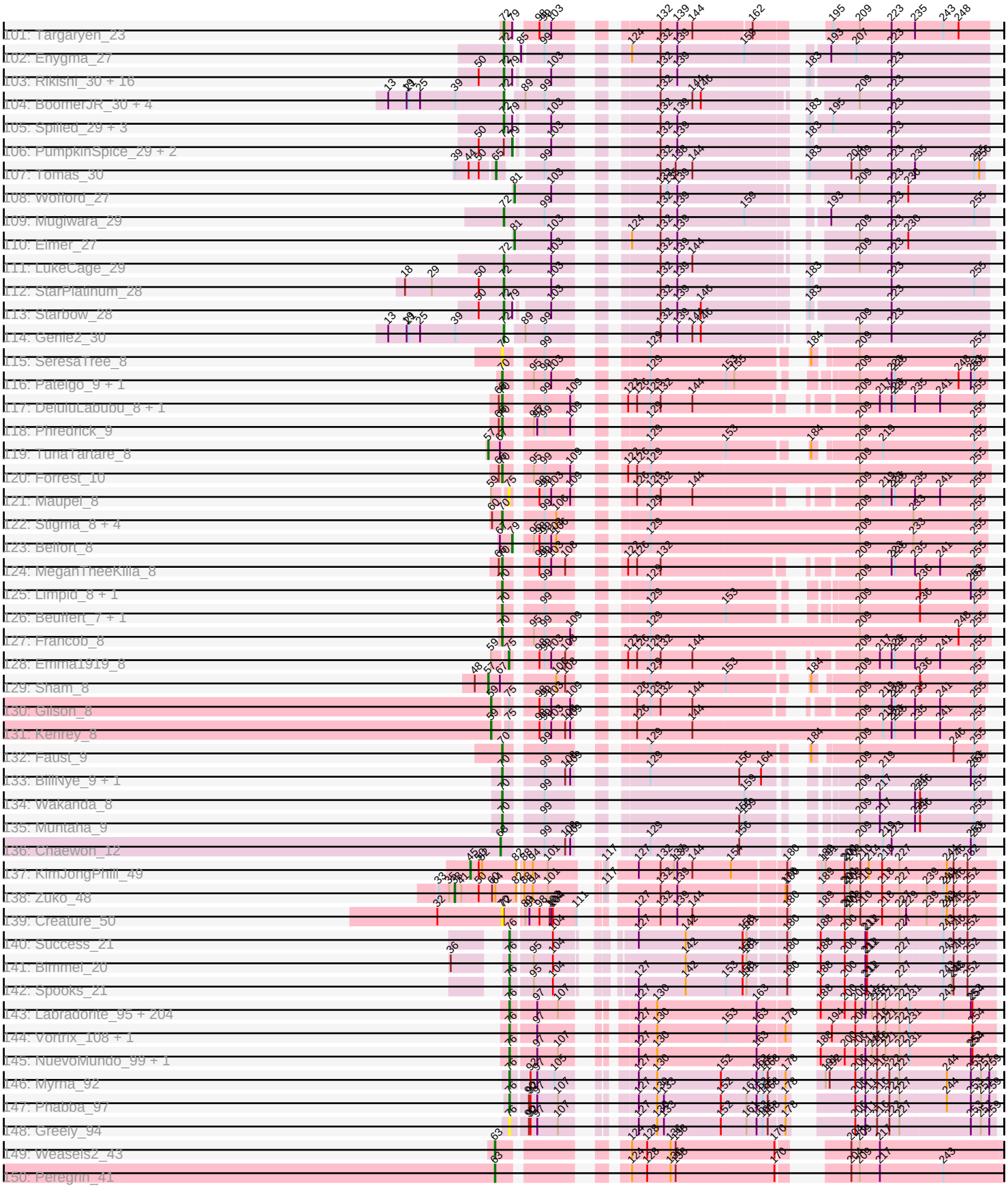
Pham 343469


1: Causa_65
2: LadyAstra_35 + 1
3: FiveHead_39 + 1
4: ShakeItOph_35 + 2
5: AceofSpades_35
6: VroomVroom_35
7: Leviticus_50 + 13
8: Lika_50 + 3
9: Lannister_52
10: BryanRecycles_52 + 4
11: Hippo_51
12: Shoriax_51 + 11
13: Katalie_51 + 2
14: Sujidade_51 + 1
15: Nanodon_53
16: Lorelei_52 + 2
17: Dwayne_51
18: Celeste_52 + 1
19: Jash_52
20: Zemlya_52
21: BarryBee_54
22: Danzina_53
23: Yasunii_51
24: EnochSoames_53
25: OzzyJ_53
26: Haizum_54 + 1
27: Jevington_53
28: Telunt_54
29: Thestral_57 + 1
30: Pablito_53
31: TrvxScott_54
32: Paolo_56
33: Zainub_56 + 2
34: Axiom_56
35: Amethyst_53
36: Issmi_55
37: BartholomewSD_58 + 1
38: SqueakyClean_55
39: HankI44_57
40: Daudau_54
41: Superstar_61
42: GinDinner_55 + 2
43: ELB20_54
44: Paedore_56 + 1
45: R4_55
46: Andris_55
47: Caelum_56
48: TinaBelcher_55
49: Diane_54
50: Triumph_57

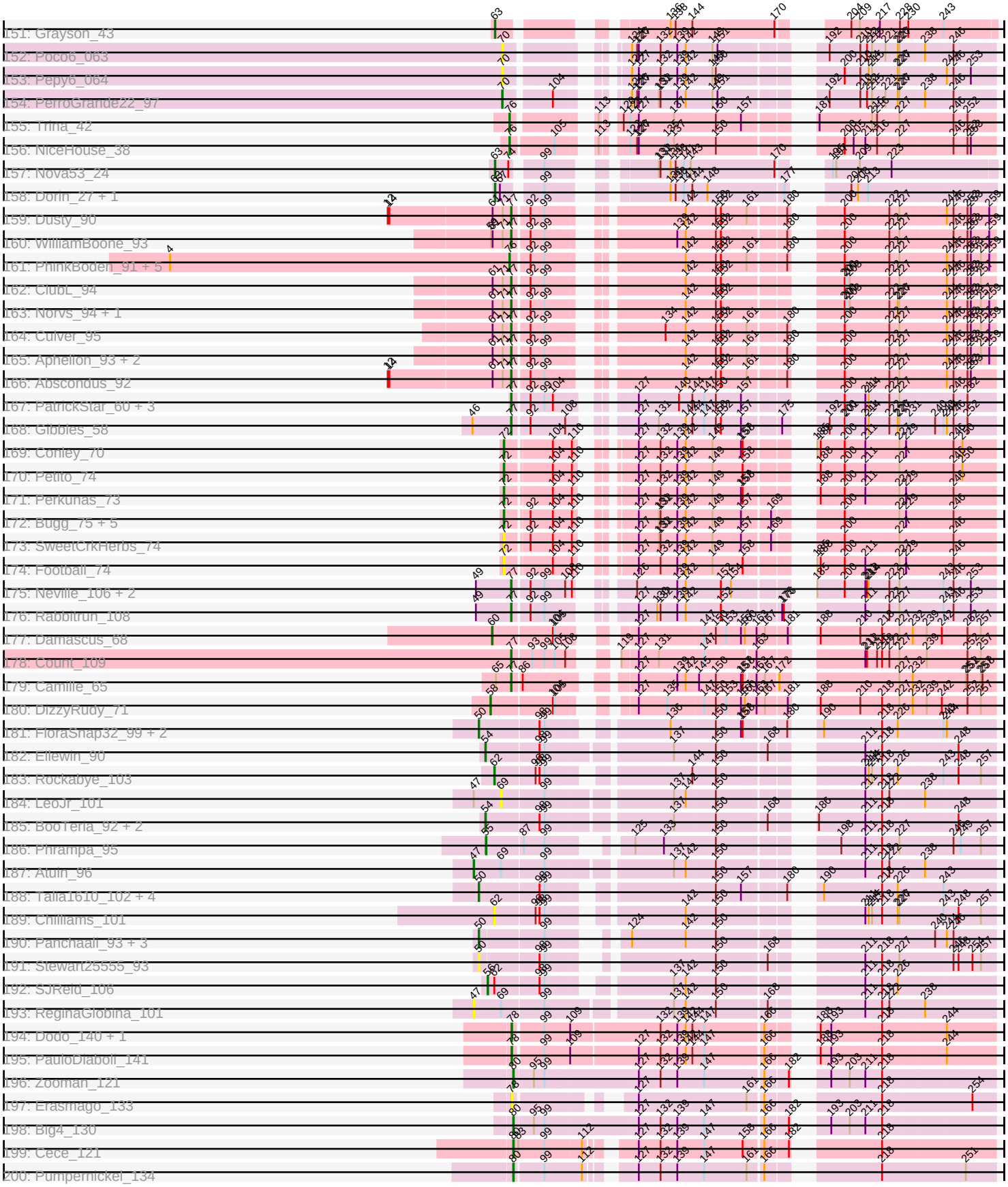
Pham 343469


51: Omar_57
52: Celery_57
53: Jhitchelle_51
54: Saltant_51
55: Dexers_51
56: Amela_52 + 1
57: ElGato_53
58: Speedwell_57
59: Provolone_53
60: Alsaber_53 + 1
61: phiCAM_51
62: Pavo_54
63: ZamZam_53
64: Yoshi_56
65: Verabelle_56
66: SunkenRoot_53
67: Kaine_53
68: Conan_53
69: Vanseggelen_58
70: phiHau3_56
71: GreenWeasel_57 + 1
72: Cross_25
73: Angela_25 + 2
74: Lululemon_24 + 6
75: Bartholomune_24 + 5
76: Samisti12_23
77: Sushi23_26
78: Navo_23 + 1
79: Evy_25
80: Davielle_23 + 1
81: LilSaint_26
82: Riptide_24
83: WashO_26 + 3
84: Paradiddles_24 + 1
85: Anedea_23
86: Persimmon_23
87: Bmoc_23
88: Mildred21_25
89: Shuckle_24
90: Jay2Jay_28
91: PinkPanther_24
92: Tribute_24
93: ArianaSWT_25 + 1
94: Cadmus_25
95: Daubenski_26
96: Warpy_28
97: EGole_24
98: Marsus_25
99: Coogler_25
100: Teutsch_24

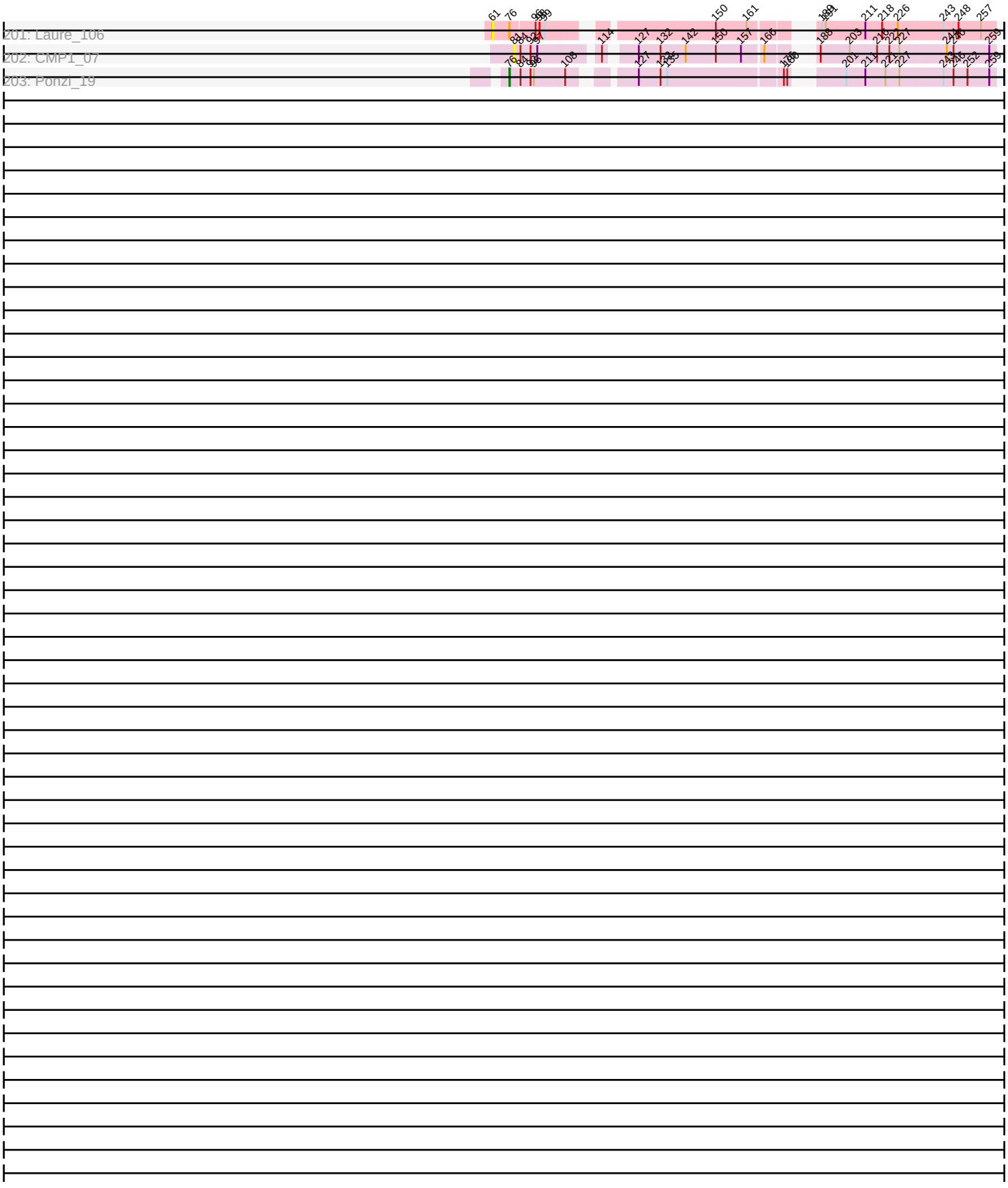
Pham 343469


I01: Targaryen_23
I02: Enygma_27
I03: Rikishi_30 + 16
I04: BoomerJR_30 + 4
I05: Spilled_29 + 3
I06: PumpkinSpice_29 + 2
I07: Tomas_30
I08: Wofford_27
I09: Mugiwara_29
I10: Elmer_27
I11: LukeCage_29
I12: StarPlatinum_28
I13: Starbow_28
I14: Genie2_30
I15: SeresaTree_8
I16: Pateigo_9 + 1
I17: DeludiLabubu_8 + 1
I18: Phredrick_9
I19: TunaTartare_8
I20: Forrest_10
I21: Maupei_8
I22: Stigma_8 + 4
I23: Belfort_8
I24: MeganTheeKilla_8
I25: Limpid_8 + 1
I26: Beuffert_7 + 1
I27: Francob_8
I28: Emma1919_8
I29: Sham_8
I30: Gilson_8
I31: Kenrey_8
I32: Faust_9
I33: BillNye_9 + 1
I34: Wakanda_8
I35: Muntana_9
I36: Chaewon_12
I37: KimJongPhill_49
I38: Zuko_48
I39: Creature_50
I40: Success_21
I41: Bimmel_20
I42: Spooks_21
I43: Labradorite_95 + 204
I44: Vortrix_108 + 1
I45: NuevoMundo_99 + 1
I46: Myrna_92
I47: Phabba_97
I48: Greely_94
I49: Weasels2_43
I50: Peregrin_41

Pham 343469


151: Grayson_43
152: Poco6_063
153: Pepy6_064
154: PerroGrande22_97
155: Trina_42
156: NiceHouse_38
157: Nova53_24
158: Dorin_27 + 1
159: Dusty_90
160: WilliamBoone_93
161: PhinkBoden_91 + 5
162: ClubL_94
163: Norvs_94 + 1
164: Culver_95
165: Aphelion_93 + 2
166: Abscondus_92
167: PatrickStar_60 + 3
168: Gibbles_58
169: Comey_70
170: Petito_74
171: Perkunas_73
172: Bugg_75 + 5
173: SweetCrkHerbs_74
174: Football_74
175: Neville_106 + 2
176: Rabbitrun_108
177: Damascus_68
178: Count_109
179: Camille_65
180: DizzyRudy_71
181: FloraSnap32_99 + 2
182: Ellewin_90
183: Rockabye_103
184: LeoJr_101
185: BooTeria_92 + 2
186: Phrampa_95
187: Atdin_96
188: Talia1610_102 + 4
189: Chilliams_101
190: Panchaali_93 + 3
191: Stewart25555_93
192: SJReid_106
193: ReginaGlobina_101
194: Dodo_140 + 1
195: PaulioDiaboli_141
196: Zooman_121
197: Erasmago_133
198: Big4_130
199: Cece_121
200: Pumpernickel_134

Pham 343469



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 343469 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 343469 has 546 members, 63 are drafts.

Phages represented in each track:
• Track 1 : Causa_65
• Track 2 : LadyAstra_35, Origami_35
• Track 3 : FiveHead_39, JohnThicc_35
• Track 4 : ShakeItOph_35, JasmineDragon_35, MiniMommy_35
• Track 5 : AceofSpades_35
• Track 6 : VroomVroom_35
• Track 7 : Leviticus_50, Indigo_49, Bovely_50, Ozzie_49, BeardedLady_50, Legacy_49, Esperer_50, Caliburn_49, Nerdos_49, SunsetPointe_49, Phettuccine_50, Hydra_51, Unstoppable_50, Aaronocolus_50
• Track 8 : Lika_50, Goby_51, Toma_51, Dattran_53
• Track 9 : Lannister_52
• Track 10 : BryanRecycles_52, Rusticus_52, Eddasa_52, Izzy_52, Oliynyk_52
• Track 11 : Hippo_51
• Track 12 : Snorlax_51, Maneekul_51, Chucky_51, Emaanora_54, Asten_51, SarahRose_51, Ejemplo_50, Whatever_51, Triste_52, TuanPN_50, TagePhighter_53, Werner_51
• Track 13 : Katalie_51, RedBear_52, South40_51
• Track 14 : Sujidade_51, Godpower_52
• Track 15 : Nanodon_53
• Track 16 : Lorelei_52, Nabi_52, Rana_52
• Track 17 : Dwayne_51
• Track 18 : Celeste_52, Brataylor_54
• Track 19 : Jash_52
• Track 20 : Zemlya_52
• Track 21 : BarryBee_54
• Track 22 : Danzina_53
• Track 23 : Yasdnil_51
• Track 24 : EnochSoames_53
• Track 25 : OzzyJ_53
• Track 26 : Haizum_54, Nishikigoi_54
• Track 27 : Jevington_53
• Track 28 : Tefunt_54
• Track 29 : Thestral_57, Bowden_55

• Track 30 : Pablito_53
• Track 31 : TrvxScott_54
• Track 32 : Paolo_56
• Track 33 : Zainub_56, Marav_55, Puginator_56
• Track 34 : Axiom_56
• Track 35 : Amethyst_53
• Track 36 : Issmi_55
• Track 37 : BartholomewSD_58, Alvy_58
• Track 38 : SqueakyClean_55
• Track 39 : Hank144_57
• Track 40 : Daudau_54
• Track 41 : Superstar_61
• Track 42 : GirlDinner_55, Janus_56, Animus_55
• Track 43 : ELB20_54
• Track 44 : Paedore_56, Loofah_57
• Track 45 : R4_55
• Track 46 : Andris_55
• Track 47 : Caelum_56
• Track 48 : TinaBelcher_55
• Track 49 : Diane_54
• Track 50 : Triumph_57
• Track 51 : Omar_57
• Track 52 : Celery_57
• Track 53 : Jhitchelle_51
• Track 54 : Saftant_51
• Track 55 : Dexers_51
• Track 56 : Amela_52, Verse_53
• Track 57 : ElGato_53
• Track 58 : Speedwell_57
• Track 59 : Provolone_53
• Track 60 : Alsaber_53, Sudan_53
• Track 61 : phiCAM_51
• Track 62 : Pavo_54
• Track 63 : ZamZam_53
• Track 64 : Yosif_56
• Track 65 : Verabelle_56
• Track 66 : SunkenRoot_53
• Track 67 : Kaine_53
• Track 68 : Conan_53
• Track 69 : Vanseggelen_58
• Track 70 : phiHau3_56
• Track 71 : GreenWeasel_57, BroPlease_55
• Track 72 : Cross_25
• Track 73 : Angela_25, MulchMansion_25, LilMartin_25
• Track 74 : Lululemon_24, BlueOtter_25, Cursive_23, Leo04_25, PacManQ_24, Watermoore_25, HangryHippo_25
• Track 75 : Bartholomune_24, Eliot67_24, PinkiePie_24, Squillium_24, Liandry_24, FreddyDRoo_24
• Track 76 : Samisti12_23
• Track 77 : Sushi23_26
• Track 78 : Navo_23, Braelyn_24
• Track 79 : Evy_25
• Track 80 : Davielle_23, WhereRU_23

• Track 81 : LilSaint_26
• Track 82 : Riptide_24
• Track 83 : WashU_26, Scheme_26, Pepperwood_26, Peebs_25
• Track 84 : Paradiddles_24, NootNoot_24
• Track 85 : Anedea_23
• Track 86 : Persimmon_23
• Track 87 : Bmoc_23
• Track 88 : Mildred21_25
• Track 89 : Shuckle_24
• Track 90 : Jay2Jay_28
• Track 91 : PynkPanther_24
• Track 92 : Tribute_24
• Track 93 : ArianaSWT_25, Larnav_25
• Track 94 : Cadmus_25
• Track 95 : Daubenski_26
• Track 96 : Warpy_28
• Track 97 : EGole_24
• Track 98 : Marsus_25
• Track 99 : Coogler_25
• Track 100 : Teutsch_24
• Track 101 : Targaryen_23
• Track 102 : Enygma_27
• Track 103 : Rikishi_30, MindFlayer_28, Daisy123_29, Battuta_28, Gibbi_32, Spelly_30, Amabiko_30, JimJam_30, Birchlyn_27, SaltySpitoon_30, KentuckyRacer_30, CeilingFan_29, Bordeaux_28, Jollison_29, Wipeout_28, Quaran19_30, Tuesday_33
• Track 104 : BoomerJR_30, AngryGiraffe_30, Yaboi_31, Stanimal_30, Sollertia_30
• Track 105 : Spilled_29, Karimac_29, IchabodCrane_27, Brizzy_29
• Track 106 : PumpkinSpice_29, AcciDwight_32, TomSawyer_28
• Track 107 : Tomas_30
• Track 108 : Wofford_27
• Track 109 : Mugiwara_29
• Track 110 : Elmer_27
• Track 111 : LukeCage_29
• Track 112 : StarPlatinum_28
• Track 113 : Starbow_28
• Track 114 : Genie2_30
• Track 115 : SeresaTree_8
• Track 116 : Patelgo_9, Moab_8
• Track 117 : DeluluLabubu_8, Jada_8
• Track 118 : Phredrick_9
• Track 119 : TunaTartare_8
• Track 120 : Forrest_10
• Track 121 : Maupel_8
• Track 122 : Stigma_8, SparkleGoddess_8, Comrade_8, Westy_8, Karp_8
• Track 123 : Belfort_8
• Track 124 : MeganTheeKilla_8
• Track 125 : Limpid_8, Annadreamy_8
• Track 126 : Beuffert_7, Blueeyedbeauty_10
• Track 127 : Francob_8
• Track 128 : Emma1919_8
• Track 129 : Sham_8
• Track 130 : Gilson_8

• Track 131 : Kenrey_8
• Track 132 : Faust_9
• Track 133 : BillNye_9, Circinus_10
• Track 134 : Wakanda_8
• Track 135 : Muntaha_9
• Track 136 : Chaewon_12
• Track 137 : KimJongPhill_49
• Track 138 : Zuko_48
• Track 139 : Creature_50
• Track 140 : Success_21
• Track 141 : Bimmel_20
• Track 142 : Spooks_21
• Track 143 : Labradorite_95, Shrimp_93, ChaylaJr_88, EggyFarm_101, Iota_87, Megamind_92, BananaFence_92, Ava3_94, Fludd_93, Guwapp_92, JPickles_91, BackyardAgain_90, Essence_90, Halldule_86, Loanshark_93, Concombre_100, Grasshills_100, LifeSavor_92, Bowman_96, Ablatia_91, JulietS_86, Ronan_86, Pinkcreek_84, Zalkecks_94, Cali_88, JigglyPuff_99, ArcherS7_92, Delylah_96, Willis_94, Mangeria_93, Jessibeth14_92, Asterius_96, Bonray_93, EmmaElysia_92, JayJay_99, McWolfish_91, Gamgam_93, GlutenPhree_94, Adlitam_93, Koguma_89, Dietrick_85, FudgeTart_93, McGee_94, ChickenPhender_89, Rahel_92, Sebata_94, Sauce_93, RoMag_88, PharkleMinkus_97, I3_99, Tyke_95, CindyLou_94, PurduePete_93, Salacia_97, Ngannou_89, Gabriel_95, Khaleesi_92, Fixie_85, Caravan_88, Melpomini_87, ScottMcG_90, Breeniome_93, Lunareta_90, Substance289_90, Phox_90, IkeLoa_87, Primadonna_87, Jemmno_93, Ewok_94, Kamryn_93, DTDevon_94, LinStu_93, Morizzled23_93, Moiqah_84, Jedediah_96, Derek_93, Bipolarisk_92, NedWong_94, Blackdragon_87, Yassified_89, Momo_92, Phusco_93, Demodog_100, Jaygup_93, Kboogie_96, QBert_87, Turret_88, Blackbrain_88, Latch_93, Janiyra_95, Cactojaque_88, InterFolia_102, InigoMontoya_94, Bread_93, Shaqnato_85, Stubby_86, Capablanca_95, EasyJones_96, Bezza_87, Chomp_92, Phlegm_95, Alice_86, Rizal_90, Zeenon_95, Duckfeet_84, Teardrop_93, MoMoMixon_94, CharlieB_88, Lethe_92, Flabslab_88, LookingGlass_94, Belieber_87, Ading_93, Yucca_93, Pier_97, Moby_84, Nidhogg_94, Napoleon13_89, Audrick_95, YoungMoneyMata_93, TinyTim_93, Bigswole_98, ParkTD_94, LRRHood_87, Naval22_101, Nappy_95, YemiJoy2021_94, Issimir_92, Pupusa_98, GoldenSnow_98, Quasimodo_93, Spud_93, Domi_87, Spec_90, HyRo_85, Rabinovish_90, Erdmann_94, SVoro_91, StephanieG_92, SiwenD96_93, Maby2021_93, Trinitium_89, LordLeafolot_99, Grungle_80, Delilah_93, MikeLiesIn_94, Drazdys_93, Littleton_93, Ghost_92, DirtMonster_86, Astraea_91, Maturis_91, Dandelion_100, Bangla1971_94, Chargie21_89, StubbySaigey_95, Pivoine_92, Bxz1_91, SilverDipper_94, ErnieJ_89, FrayBell_99, Montpel_90, Amataga_93, Shifa_82, BeanWater_85, Tainan_98, Naija_92, DeejaClivia_82, Puhon_98, SoilZilla_89, Babyland_93, LolaVinca_95, EmToTheThree_96, Catera_90, DrPhinkDaddy_92, Pleione_96, ShiaLabeouf_93, Maguvora_99, Basquiat_89, ET08_82, Izajani_93, Specks_99, Shelob_95, JustHall_89, Tortoise16_91, Pio_97, Darko_93, Wally_92, Fongie_91, Mikro_91, Cleatunium_88, Rocha_92, SmallFry_93, BigCity_101, Sprinklers_88, Daffodil_98, ValleyTerrace_93, Burrough_93, Atlantean_92, Dessert_94, Matsumoto_92, Patter_93, BobaPhatt_89, Shnickers_93, Jezreel_93
• Track 144 : Vortrix_108, Tonenili_107
• Track 145 : NuevoMundo_99, NoodleTree_101
• Track 146 : Myrna_92
• Track 147 : Phabba_97
• Track 148 : Greely_94

• Track 149 : Weasels2_43
• Track 150 : Peregrin_41
• Track 151 : Grayson_43
• Track 152 : Poco6_063
• Track 153 : Pepy6_064
• Track 154 : PerroGrande22_97
• Track 155 : Trina_42
• Track 156 : NiceHouse_38
• Track 157 : Nova53_24
• Track 158 : Dorin_27, Francesca_26
• Track 159 : Dusty_90
• Track 160 : WilliamBoone_93
• Track 161 : PhinkBoden_91, Bachita_94, Smoothie_93, Lozinak_92, Engineer_93, Cucurbita_93
• Track 162 : ClubL_94
• Track 163 : Norvs_94, Toniann_94
• Track 164 : Culver_95
• Track 165 : Aphelion_93, Miskis_86, Geeche_92
• Track 166 : Abscondus_92
• Track 167 : PatrickStar_60, Orchid_59, Kampe_60, RobinSparkles_63
• Track 168 : Gibbles_58
• Track 169 : Conley_70
• Track 170 : Petito_74
• Track 171 : Perkunas_73
• Track 172 : Bugg_75, Dancer_72, Trufflozitus_73, Tairn4Wing_74, Artorias_72, FortCran_72
• Track 173 : SweetCrkHerbs_74
• Track 174 : Football_74
• Track 175 : Neville_106, LilJank_108, Trax_108
• Track 176 : Rabbitrun_108
• Track 177 : Damascus_68
• Track 178 : Count_109
• Track 179 : Camille_65
• Track 180 : DizzyRudy_71
• Track 181 : FloraSnap32_99, GoldenEssence_88, Patbob_101
• Track 182 : Ellewin_90
• Track 183 : Rockabye_103
• Track 184 : LeoJr_101
• Track 185 : BooTeria_92, WaddleDee_89, DunneganBoMo_91
• Track 186 : Phrampa_95
• Track 187 : Atuin_96
• Track 188 : Talia1610_102, Bloom_106, Racecar_103, Mimi_102, FrostedClock_102
• Track 189 : Chilliams_101
• Track 190 : Panchaali_93, Artu_92, Emmetator_94, KSunshine22_96
• Track 191 : Stewart25555_93
• Track 192 : SJReid_106
• Track 193 : ReginaGlobina_101
• Track 194 : Dodo_140, A3Wally_137
• Track 195 : PauloDiaboli_141
• Track 196 : Zooman_121
• Track 197 : Erasmago_133
• Track 198 : Big4_130

• Track 199 : Cece_121
• Track 200 : Pumpernickel_134
• Track 201 : Laure_106
• Track 202 : CMP1_07
• Track 203 : Ponzi_19

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

The start number called the most often in the published annotations is 76, it was called in 288 of the 483 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aaronocolus_50, Ablatia_91, AceofSpades_35, Ading_93, Adlitam_93, Alice_86, Alvy_58, Amataga_93, Amethyst_53, Andris_55, Animus_55, ArcherS7_92, Asten_51, Asterius_96, Astraea_91, Atlantean_92, Audrick_95, Ava3_94, Axiom_56, Babyland_93, Bachita_94, BackyardAgain_90, BananaFence_92, Bangla1971_94, BarryBee_54, BartholomewSD_58, Basquiat_89, BeanWater_85, BeardedLady_50, Belieber_87, Bezza_87, BigCity_101, Bigswole_98, Bimmel_20, Bipolarisk_92, Blackbrain_88, Blackdragon_87, BobaPhatt_89, Bonray_93, Bovely_50, Bowden_55, Bowman_96, Brataylor_54, Bread_93, Breeniome_93, BroPlease_55, BryanRecycles_52, Burrough_93, Bxz1_91, Cactojaque_88, Caelum_56, Cali_88, Caliburn_49, Capablanca_95, Caravan_88, Catera_90, Causa_65, Celeste_52, Chargie21_89, CharlieB_88, ChaylaJr_88, ChickenPhender_89, Chomp_92, Chucky_51, CindyLou_94, Cleatunium_88, Concombre_100, Cucurbita_93, DTDevon_94, Daffodil_98, Dandelion_100, Danzina_53, Darko_93, Dattran_53, Daudau_54, DeejaClivia_82, Delilah_93, Delylah_96, Demodog_100, Derek_93, Dessert_94, Diane_54, Dietrick_85, DirtMonster_86, Domi_87, DrPhinkDaddy_92, Drazdys_93, Duckfeet_84, Dwayne_51, ELB20_54, ET08_82, EasyJones_96, Eddasa_52, EggyFarm_101, Ejemplo_50, EmToTheThree_96, Emaanora_54, EmmaElysia_92, Engineer_93, EnochSoames_53, Erdmann_94, ErnieJ_89, Esperer_50, Essence_90, Ewok_94, FiveHead_39, Fixie_85, Flabslab_88, Fludd_93, Fongie_91, FrayBell_99, FudgeTart_93, Gabriel_95, Gamgam_93, Ghost_92, GirlDinner_55, GlutenPhree_94, Goby_51, Godpower_52, GoldenSnow_98, Grasshills_100, Greely_94, GreenWeasel_57, Grungle_80, Guwapp_92, Haizum_54, Halldule_86, Hank144_57, Hippo_51, HyRo_85, Hydra_51, I3_99, IkeLoa_87, Indigo_49, InigoMontoya_94, InterFolia_102, Iota_87, Issimir_92, Issmi_55, Izajani_93, Izzy_52, JPickles_91, Janiyra_95, Janus_56, Jash_52, JasmineDragon_35, JayJay_99, Jaygup_93, Jedediah_96, Jemmno_93, Jessibeth14_92, Jevington_53, Jezreel_93, JigglyPuff_99, JohnThicc_35, JulietS_86, JustHall_89, Kamryn_93, Kboogie_96, Khaleesi_92, Koguma_89, LRRHood_87, Labradorite_95, LadyAstra_35, Lannister_52, Latch_93, Legacy_49, Lethe_92, Leviticus_50, LifeSavor_92, Lika_50, LinStu_93, Littleton_93, Loanshark_93, LolaVinca_95, Loofah_57, LookingGlass_94, LordLeafolot_99, Lorelei_52, Lozinak_92, Lunareta_90, Maby2021_93, Maguvora_99, Maneekul_51, Mangeria_93, Marav_55, Matsumoto_92, Maturis_91, McGee_94, McWolfish_91, Megamind_92, Melpomini_87, MikeLiesIn_94, Mikro_91, MiniMommy_35, MoMoMixon_94, Moby_84, Moiqah_84, Momo_92, Montpel_90, Morizzled23_93, Myrna_92, Nabi_52, Naija_92, Nanodon_53, Napoleon13_89, Nappy_95, Naval22_101, NedWong_94, Nerdos_49, Ngannou_89, NiceHouse_38, Nidhogg_94, Nishikigoi_54, NoodleTree_101, NuevoMundo_99, Oliynyk_52, Omar_57,

Origami_35, Ozzie_49, OzzyJ_53, Pablito_53, Paedore_56, Paolo_56, ParkTD_94, Patter_93, Phabba_97, PharkleMinkus_97, Phettuccine_50, PhinkBoden_91, Phlegm_95, Phox_90, Phusco_93, Pier_97, Pinkcreek_84, Pio_97, Pivoine_92, Pleione_96, Ponzi_19, Primadonna_87, Puginator_56, Puhon_98, Pupusa_98, PurduePete_93, QBert_87, Quasimodo_93, R4_55, Rabinovish_90, Rahel_92, Rana_52, Rizal_90, RoMag_88, Rocha_92, Ronan_86, Rusticus_52, SVoro_91, Salacia_97, SarahRose_51, Sauce_93, ScottMcG_90, Sebata_94, ShakeItOph_35, Shaqnato_85, Shelob_95, ShiaLabeouf_93, Shifa_82, Shnickers_93, Shrimp_93, SilverDipper_94, SiwenD96_93, SmallFry_93, Smoothie_93, Snorlax_51, SoilZilla_89, Spec_90, Specks_99, Spooks_21, Sprinklers_88, Spud_93, SqueakyClean_55, StephanieG_92, StubbySaigey_95, Stubby_86, Substance289_90, Success_21, Sujidade_51, SunsetPointe_49, Superstar_61, TagePhighter_53, Tainan_98, Teardrop_93, Tefunt_54, Thestral_57, TinaBelcher_55, TinyTim_93, Toma_51, Tonenili_107, Tortoise16_91, Trina_42, Trinitium_89, Triste_52, Triumph_57, TrvxScott_54, TuanPN_50, Turret_88, Tyke_95, Unstoppable_50, ValleyTerrace_93, Vortrix_108, VroomVroom_35, Wally_92, Werner_51, Whatever_51, Willis_94, Yassified_89, YemiJoy2021_94, YoungMoneyMata_93, Yucca_93, Zainub_56, Zalkecks_94, Zeenon_95, Zemlya_52, phiHau3_56,

Genes that have the "Most Annotated" start but do not call it:
• Laure_106, Yasdnil_51,

Genes that do not have the "Most Annotated" start:
• A3Wally_137, Abscondus_92, AcciDwight_32, Alsaber_53, Amabiko_30, Amela_52, Anedea_23, Angela_25, AngryGiraffe_30, Annadreamy_8, Aphelion_93, ArianaSWT_25, Artorias_72, Artu_92, Atuin_96, Bartholomune_24, Battuta_28, Belfort_8, Beuffert_7, Big4_130, BillNye_9, Birchlyn_27, Bloom_106, BlueOtter_25, Blueeyedbeauty_10, Bmoc_23, BooTeria_92, BoomerJR_30, Bordeaux_28, Braelyn_24, Brizzy_29, Bugg_75, CMP1_07, Cadmus_25, Camille_65, Cece_121, CeilingFan_29, Celery_57, Chaewon_12, Chilliams_101, Circinus_10, ClubL_94, Comrade_8, Conan_53, Conley_70, Coogler_25, Count_109, Creature_50, Cross_25, Culver_95, Cursive_23, Daisy123_29, Damascus_68, Dancer_72, Daubenski_26, Davielle_23, DeluluLabubu_8, Dexers_51, DizzyRudy_71, Dodo_140, Dorin_27, DunneganBoMo_91, Dusty_90, EGole_24, ElGato_53, Eliot67_24, Ellewin_90, Elmer_27, Emma1919_8, Emmetator_94, Enygma_27, Erasmago_133, Evy_25, Faust_9, FloraSnap32_99, Football_74, Forrest_10, FortCran_72, Francesca_26, Francob_8, FreddyDRoo_24, FrostedClock_102, Geeche_92, Genie2_30, Gibbi_32, Gibbles_58, Gilson_8, GoldenEssence_88, Grayson_43, HangryHippo_25, IchabodCrane_27, Jada_8, Jay2Jay_28, Jhitchelle_51, JimJam_30, Jollison_29, KSunshine22_96, Kaine_53, Kampe_60, Karimac_29, Karp_8, Katalie_51, Kenrey_8, KentuckyRacer_30, KimJongPhill_49, Larnav_25, Leo04_25, LeoJr_101, Liandry_24, LilJank_108, LilMartin_25, LilSaint_26, Limpid_8, LukeCage_29, Lululemon_24, Marsus_25, Maupel_8, MeganTheeKilla_8, Mildred21_25, Mimi_102, MindFlayer_28, Miskis_86, Moab_8, Mugiwara_29, MulchMansion_25, Muntaha_9, Navo_23, Neville_106, NootNoot_24, Norvs_94, Nova53_24, Orchid_59, PacManQ_24, Panchaali_93, Paradiddles_24, Patbob_101, Patelgo_9, PatrickStar_60, PauloDiaboli_141, Pavo_54, Peebs_25, Pepperwood_26, Pepy6_064, Peregrin_41, Perkunas_73, PerroGrande22_97, Persimmon_23, Petito_74, Phrampa_95, Phredrick_9, PinkiePie_24, Poco6_063, Provolone_53, Pumpernickel_134, PumpkinSpice_29, PynkPanther_24, Quaran19_30, Rabbitrun_108, Racecar_103, RedBear_52, ReginaGlobina_101, Rikishi_30, Riptide_24, RobinSparkles_63, Rockabye_103, SJReid_106, Saftant_51,

SaltySpitoon_30, Samisti12_23, Scheme_26, SeresaTree_8, Sham_8, Shuckle_24, Sollertia_30, South40_51, SparkleGoddess_8, Speedwell_57, Spelly_30, Spilled_29, Squillium_24, Stanimal_30, StarPlatinum_28, Starbow_28, Stewart25555_93, Stigma_8, Sudan_53, SunkenRoot_53, Sushi23_26, SweetCrkHerbs_74, Tairn4Wing_74, Talia1610_102, Targaryen_23, Teutsch_24, TomSawyer_28, Tomas_30, Toniann_94, Trax_108, Tribute_24, Trufflozitus_73, Tuesday_33, TunaTartare_8, Vanseggelen_58, Verabelle_56, Verse_53, WaddleDee_89, Wakanda_8, Warpy_28, WashU_26, Watermoore_25, Weasels2_43, Westy_8, WhereRU_23, WilliamBoone_93, Wipeout_28, Wofford_27, Yaboi_31, Yosif_56, ZamZam_53, Zooman_121, Zuko_48, phiCAM_51,

Summary by start number:

Start 30:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dexers_51 (BD3),

Start 38:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Zuko_48 (BR),

Start 45:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: KimJongPhill_49 (BR),

Start 47:
• Found in 3 of 546 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Atuin_96 (FC), ReginaGlobina_101 (FC),

Start 50:
• Found in 39 of 546 (7.1%) of genes in pham
• Manual Annotations of this start: 9 of 483
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Artu_92 (FC), Bloom_106 (FC), Emmetator_94 (FC), FloraSnap32_99 (FC), FrostedClock_102 (FC), GoldenEssence_88 (FC), KSunshine22_96 (FC), Mimi_102 (FC), Panchaali_93 (FC), Patbob_101 (FC), Racecar_103 (FC), Stewart25555_93 (FC), Talia1610_102 (FC),

Start 54:
• Found in 4 of 546 (0.7%) of genes in pham
• Manual Annotations of this start: 4 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BooTeria_92 (FC), DunneganBoMo_91 (FC), Ellewin_90 (FC), WaddleDee_89 (FC),

Start 55:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phrampa_95 (FC),

Start 56:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: SJReid_106 (FC),

Start 57:
• Found in 2 of 546 (0.4%) of genes in pham
• Manual Annotations of this start: 2 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sham_8 (BK1), TunaTartare_8 (BK1),

Start 58:
• Found in 2 of 546 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 50.0% of time when present
• Phage (with cluster) where this start called: DizzyRudy_71 (EL),

Start 59:
• Found in 5 of 546 (0.9%) of genes in pham
• Manual Annotations of this start: 2 of 483
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Gilson_8 (BK1), Kenrey_8 (BK1),

Start 60:
• Found in 7 of 546 (1.3%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 14.3% of time when present
• Phage (with cluster) where this start called: Damascus_68 (EL),

Start 61:
• Found in 11 of 546 (2.0%) of genes in pham
• No Manual Annotations of this start.
• Called 9.1% of time when present
• Phage (with cluster) where this start called: Laure_106 (UNK),

Start 62:
• Found in 3 of 546 (0.5%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Chilliams_101 (FC), Rockabye_103 (FC),

Start 63:
• Found in 6 of 546 (1.1%) of genes in pham
• Manual Annotations of this start: 6 of 483
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Dorin_27 (CG), Francesca_26 (CG), Grayson_43 (CB), Nova53_24 (CG), Peregrin_41 (CB), Weasels2_43 (CB),

Start 64:
• Found in 8 of 546 (1.5%) of genes in pham
• Manual Annotations of this start: 2 of 483
• Called 25.0% of time when present
• Phage (with cluster) where this start called: PynkPanther_24 (BE1), Samisti12_23 (BE1),

Start 65:
• Found in 2 of 546 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Tomas_30 (BE2),

Start 66:
• Found in 16 of 546 (2.9%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 6.2% of time when present
• Phage (with cluster) where this start called: Cross_25 (BE1),

Start 68:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Chaewon_12 (BK2),

Start 69:
• Found in 3 of 546 (0.5%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: LeoJr_101 (FC),

Start 70:
• Found in 27 of 546 (4.9%) of genes in pham
• Manual Annotations of this start: 23 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annadreamy_8 (BK1), Beuffert_7 (BK1), BillNye_9 (BK2), Blueeyedbeauty_10 (BK1), Circinus_10 (BK2), Comrade_8 (BK1), Creature_50 (BR), DeluluLababu_8 (BK1), Faust_9 (BK1), Forrest_10 (BK1), Francob_8 (BK1), Jada_8 (BK1), Karp_8 (BK1), Limpid_8 (BK1), MeganTheeKilla_8 (BK1), Moab_8 (BK1), Muntaha_9 (BK2), Patelgo_9 (BK1), Pepy6_064 (CC), PerroGrande22_97 (CC), Phredrick_9 (BK1), Poco6_063 (CC), SeresaTree_8 (BK1), SparkleGoddess_8 (BK1), Stigma_8 (BK1), Wakanda_8 (BK2), Westy_8 (BK1),

Start 72:
• Found in 89 of 546 (16.3%) of genes in pham
• Manual Annotations of this start: 77 of 483
• Called 94.4% of time when present
• Phage (with cluster) where this start called: Amabiko_30 (BE2), Angela_25 (BE1), AngryGiraffe_30 (BE2), ArianaSWT_25 (BE1), Artorias_72 (DJ), Bartholomune_24 (BE1), Battuta_28 (BE2), Birchlyn_27 (BE2), BlueOtter_25 (BE1), Bmoc_23 (BE1),

BoomerJR_30 (BE2), Bordeaux_28 (BE2), Brizzy_29 (BE2), Bugg_75 (DJ), CeilingFan_29 (BE2), Conley_70 (DJ), Coogler_25 (BE1), Cursive_23 (BE1), Daisy123_29 (BE2), Dancer_72 (DJ), Daubenski_26 (BE1), Davielle_23 (BE1), EGole_24 (BE1), Eliot67_24 (BE1), Enygma_27 (BE2), Evy_25 (BE1), Football_74 (DJ), FortCran_72 (DJ), FreddyDRoo_24 (BE1), Genie2_30 (BE2), Gibbi_32 (BE2), HangryHippo_25 (BE1), IchabodCrane_27 (BE2), Jay2Jay_28 (BE1), JimJam_30 (BE2), Jollison_29 (BE2), Karimac_29 (BE2), KentuckyRacer_30 (BE2), Larnav_25 (BE1), Leo04_25 (BE1), Liandry_24 (BE1), LilMartin_25 (BE1), LilSaint_26 (BE1), LukeCage_29 (BE2), Lululemon_24 (BE1), Marsus_25 (BE1), Mildred21_25 (BE1), MindFlayer_28 (BE2), Mugiwara_29 (BE2), MulchMansion_25 (BE1), NootNoot_24 (BE1), PacManQ_24 (BE1), Paradiddles_24 (BE1), Peebs_25 (BE1), Pepperwood_26 (BE1), Perkunas_73 (DJ), Persimmon_23 (BE1), Petito_74 (DJ), PinkiePie_24 (BE1), Quaran19_30 (BE2), Rikishi_30 (BE2), Riptide_24 (BE1), SaltySpitoon_30 (BE2), Scheme_26 (BE1), Sollertia_30 (BE2), Spelly_30 (BE2), Spilled_29 (BE2), Squillium_24 (BE1), Stanimal_30 (BE2), StarPlatinum_28 (BE2), Starbow_28 (BE2), SweetCrkHerbs_74 (DJ), Tairn4Wing_74 (DJ), Targaryen_23 (BE1), Teutsch_24 (BE1), Tribute_24 (BE1), Trufflozitus_73 (DJ), Tuesday_33 (BE2), Warpy_28 (BE1), WashU_26 (BE1), Watermoore_25 (BE1), WhereRU_23 (BE1), Wipeout_28 (BE2), Yaboi_31 (BE2),

Start 73:
• Found in 1 of 546 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cadmus_25 (BE1),

Start 75:
• Found in 8 of 546 (1.5%) of genes in pham
• Manual Annotations of this start: 5 of 483
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Braelyn_24 (BE1), Emma1919_8 (BK1), Maupel_8 (BK1), Navo_23 (BE1), Shuckle_24 (BE1), Sushi23_26 (BE1),

Start 76:
• Found in 325 of 546 (59.5%) of genes in pham
• Manual Annotations of this start: 288 of 483
• Called 99.4% of time when present
• Phage (with cluster) where this start called: Aaronocolus_50 (BD1), Ablatia_91 (C1), AceofSpades_35 (AZ4), Ading_93 (C1), Adlitam_93 (C1), Alice_86 (C1), Alvy_58 (BD2), Amataga_93 (C1), Amethyst_53 (BD2), Andris_55 (BD2), Animus_55 (BD2), ArcherS7_92 (C1), Asten_51 (BD1), Asterius_96 (C1), Astraea_91 (C1), Atlantean_92 (C1), Audrick_95 (C1), Ava3_94 (C1), Axiom_56 (BD2), Babyland_93 (C1), Bachita_94 (CQ1), BackyardAgain_90 (C1), BananaFence_92 (C1), Bangla1971_94 (C1), BarryBee_54 (BD1), BartholomewSD_58 (BD2), Basquiat_89 (C1), BeanWater_85 (C1), BeardedLady_50 (BD1), Belieber_87 (C1), Bezza_87 (C1), BigCity_101 (C1), Bigswole_98 (C1), Bimmel_20 (BT), Bipolarisk_92 (C1), Blackbrain_88 (C1), Blackdragon_87 (C1), BobaPhatt_89 (C1), Bonray_93 (C1), Bovely_50 (BD1), Bowden_55 (BD2), Bowman_96 (C1), Brataylor_54 (BD1), Bread_93 (C1), Breeniome_93 (C1), BroPlease_55 (BD4), BryanRecycles_52 (BD1), Burrough_93 (C1), Bxz1_91 (C1), Cactojaque_88 (C1), Caelum_56 (BD2), Cali_88 (C1), Caliburn_49 (BD1), Capablanca_95 (C1), Caravan_88 (C1), Catera_90 (C1), Causa_65 (AI), Celeste_52 (BD1), Chargie21_89 (C1), CharlieB_88 (C1), ChaylaJr_88 (C1), ChickenPhender_89 (C1), Chomp_92 (C1), Chucky_51 (BD1),

CindyLou_94 (C1), Cleatunium_88 (C1), Concombre_100 (C1), Cucurbita_93 (CQ1), DTDevon_94 (C1), Daffodil_98 (C1), Dandelion_100 (C1), Danzina_53 (BD1), Darko_93 (C1), Dattran_53 (BD1), Daudau_54 (BD2), DeejaClivia_82 (C1), Delilah_93 (C1), Delylah_96 (C1), Demodog_100 (C1), Derek_93 (C1), Dessert_94 (C1), Diane_54 (BD2), Dietrick_85 (C1), DirtMonster_86 (C1), Domi_87 (C1), DrPhinkDaddy_92 (C1), Drazdys_93 (C1), Duckfeet_84 (C1), Dwayne_51 (BD1), ELB20_54 (BD2), ET08_82 (C1), EasyJones_96 (C1), Eddasa_52 (BD1), EggyFarm_101 (C1), Ejemplo_50 (BD1), EmToTheThree_96 (C1), Emaanora_54 (BD1), EmmaElysia_92 (C1), Engineer_93 (CQ1), EnochSoames_53 (BD1), Erdmann_94 (C1), ErnieJ_89 (C1), Esperer_50 (BD1), Essence_90 (C1), Ewok_94 (C1), FiveHead_39 (AZ4), Fixie_85 (C1), Flabslab_88 (C1), Fludd_93 (C1), Fongie_91 (C1), FrayBell_99 (C1), FudgeTart_93 (C1), Gabriel_95 (C1), Gamgam_93 (C1), Ghost_92 (C1), GirlDinner_55 (BD2), GlutenPhree_94 (C1), Goby_51 (BD1), Godpower_52 (BD1), GoldenSnow_98 (C1), Grasshills_100 (C1), Greely_94 (C2), GreenWeasel_57 (BD4), Grungle_80 (C1), Guwapp_92 (C1), Haizum_54 (BD2), Halldule_86 (C1), Hank144_57 (BD2), Hippo_51 (BD1), HyRo_85 (C1), Hydra_51 (BD1), I3_99 (C1), IkeLoa_87 (C1), Indigo_49 (BD1), InigoMontoya_94 (C1), InterFolia_102 (C1), Iota_87 (C1), Issimir_92 (C1), Issmi_55 (BD2), Izajani_93 (C1), Izzy_52 (BD1), JPickles_91 (C1), Janiyra_95 (C1), Janus_56 (BD2), Jash_52 (BD1), JasmineDragon_35 (AZ4), JayJay_99 (C1), Jaygup_93 (C1), Jedediah_96 (C1), Jemmno_93 (C1), Jessibeth14_92 (C1), Jevington_53 (BD2), Jezreel_93 (C1), JigglyPuff_99 (C1), JohnThicc_35 (AZ4), JulietS_86 (C1), JustHall_89 (C1), Kamryn_93 (C1), Kboogie_96 (C1), Khaleesi_92 (C1), Koguma_89 (C1), LRRHood_87 (C1), Labradorite_95 (C1), LadyAstra_35 (AZ4), Lannister_52 (BD1), Latch_93 (C1), Legacy_49 (BD1), Lethe_92 (C1), Leviticus_50 (BD1), LifeSavor_92 (C1), Lika_50 (BD1), LinStu_93 (C1), Littleton_93 (C1), Loanshark_93 (C1), LolaVinca_95 (C1), Loofah_57 (BD2), LookingGlass_94 (C1), LordLeafolot_99 (C1), Lorelei_52 (BD1), Lozinak_92 (CQ1), Lunareta_90 (C1), Maby2021_93 (C1), Maguvora_99 (C1), Maneekul_51 (BD1), Mangeria_93 (C1), Marav_55 (BD2), Matsumoto_92 (C1), Maturis_91 (C1), McGee_94 (C1), McWolfish_91 (C1), Megamind_92 (C1), Melpomini_87 (C1), MikeLiesIn_94 (C1), Mikro_91 (C1), MiniMommy_35 (AZ4), MoMoMixon_94 (C1), Moby_84 (C1), Moiqah_84 (C1), Momo_92 (C1), Montpel_90 (C1), Morizzled23_93 (C1), Myrna_92 (C2), Nabi_52 (BD1), Naija_92 (C1), Nanodon_53 (BD1), Napoleon13_89 (C1), Nappy_95 (C1), Naval22_101 (C1), NedWong_94 (C1), Nerdos_49 (BD1), Ngannou_89 (C1), NiceHouse_38 (CE), Nidhogg_94 (C1), Nishikigoi_54 (BD2), NoodleTree_101 (C1), NuevoMundo_99 (C1), Oliynyk_52 (BD1), Omar_57 (BD2), Origami_35 (AZ4), Ozzie_49 (BD1), OzzyJ_53 (BD1), Pablito_53 (BD2), Paedore_56 (BD2), Paolo_56 (BD2), ParkTD_94 (C1), Patter_93 (C1), Phabba_97 (C2), PharkleMinkus_97 (C1), Phettuccine_50 (BD1), PhinkBoden_91 (CQ1), Phlegm_95 (C1), Phox_90 (C1), Phusco_93 (C1), Pier_97 (C1), Pinkcreek_84 (C1), Pio_97 (C1), Pivoine_92 (C1), Pleione_96 (C1), Ponzi_19 (singleton), Primadonna_87 (C1), Puginator_56 (BD2), Puhon_98 (C1), Pupusa_98 (C1), PurduePete_93 (C1), QBert_87 (C1), Quasimodo_93 (C1), R4_55 (BD2), Rabinovish_90 (C1), Rahel_92 (C1), Rana_52 (BD1), Rizal_90 (C1), RoMag_88 (C1), Rocha_92 (C1), Ronan_86 (C1), Rusticus_52 (BD1), SVoro_91 (C1), Salacia_97 (C1), SarahRose_51 (BD1), Sauce_93 (C1), ScottMcG_90 (C1), Sebata_94 (C1), ShakeItOph_35 (AZ4), Shaqnato_85 (C1), Shelob_95 (C1), ShiaLabeouf_93 (C1), Shifa_82 (C1), Shnickers_93 (C1), Shrimp_93 (C1), SilverDipper_94 (C1), SiwenD96_93 (C1), SmallFry_93 (C1), Smoothie_93 (CQ1), Snorlax_51 (BD1), SoilZilla_89 (C1), Spec_90 (C1), Specks_99 (C1), Spooks_21 (BT), Sprinklers_88 (C1), Spud_93 (C1), SqueakyClean_55 (BD2), StephanieG_92 (C1), StubbySaigey_95 (C1), Stubby_86 (C1), Substance289_90 (C1), Success_21 (BT), Sujidade_51 (BD1), SunsetPointe_49 (BD1), Superstar_61

(BD2), TagePhighter_53 (BD1), Tainan_98 (C1), Teardrop_93 (C1), Tefunt_54 (BD2), Thestral_57 (BD2), TinaBelcher_55 (BD2), TinyTim_93 (C1), Toma_51 (BD1), Tonenili_107 (C1), Tortoise16_91 (C1), Trina_42 (CE), Trinitium_89 (C1), Triste_52 (BD1), Triumph_57 (BD2), TrvxScott_54 (BD2), TuanPN_50 (BD1), Turret_88 (C1), Tyke_95 (C1), Unstoppable_50 (BD1), ValleyTerrace_93 (C1), Vortrix_108 (C1), VroomVroom_35 (AZ4), Wally_92 (C1), Werner_51 (BD1), Whatever_51 (BD1), Willis_94 (C1), Yassified_89 (C1), YemiJoy2021_94 (C1), YoungMoneyMata_93 (C1), Yucca_93 (C1), Zainub_56 (BD2), Zalkecks_94 (C1), Zeenon_95 (C1), Zemlya_52 (BD1), phiHau3_56 (BD4),

Start 77:
• Found in 24 of 546 (4.4%) of genes in pham
• Manual Annotations of this start: 23 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abscondus_92 (CQ1), Aphelion_93 (CQ1), Camille_65 (EL), ClubL_94 (CQ1), Count_109 (EL), Culver_95 (CQ1), Dusty_90 (CQ1), Geeche_92 (CQ1), Gibbles_58 (CX), Kampe_60 (CX), Katalie_51 (BD1), LilJank_108 (DU2), Miskis_86 (CQ1), Neville_106 (DU2), Norvs_94 (CQ1), Orchid_59 (CX), PatrickStar_60 (CX), Rabbitrun_108 (DU2), RedBear_52 (BD1), RobinSparkles_63 (CX), South40_51 (BD1), Toniann_94 (CQ1), Trax_108 (DU2), WilliamBoone_93 (CQ1),

Start 78:
• Found in 5 of 546 (0.9%) of genes in pham
• Manual Annotations of this start: 3 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: A3Wally_137 (GD1), Dodo_140 (GD1), Erasmago_133 (GD2), PauloDiaboli_141 (GD1), Verabelle_56 (BD3),

Start 79:
• Found in 49 of 546 (9.0%) of genes in pham
• Manual Annotations of this start: 3 of 483
• Called 8.2% of time when present
• Phage (with cluster) where this start called: AcciDwight_32 (BE2), Belfort_8 (BK1), PumpkinSpice_29 (BE2), TomSawyer_28 (BE2),

Start 80:
• Found in 4 of 546 (0.7%) of genes in pham
• Manual Annotations of this start: 4 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Big4_130 (GD2), Cece_121 (GD3), Pumpernickel_134 (GD4), Zooman_121 (GD2),

Start 81:
• Found in 3 of 546 (0.5%) of genes in pham
• Manual Annotations of this start: 2 of 483
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CMP1_07 (singleton), Elmer_27 (BE2), Wofford_27 (BE2),

Start 92:
• Found in 46 of 546 (8.4%) of genes in pham
• Manual Annotations of this start: 1 of 483

• Called 6.5% of time when present
• Phage (with cluster) where this start called: Celery_57 (BD3), Speedwell_57 (BD3), phiCAM_51 (BD3),

Start 95:
• Found in 15 of 546 (2.7%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 6.7% of time when present
• Phage (with cluster) where this start called: Anedea_23 (BE1),

Start 105:
• Found in 67 of 546 (12.3%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 1.5% of time when present
• Phage (with cluster) where this start called: Yasdnil_51 (BD1),

Start 107:
• Found in 243 of 546 (44.5%) of genes in pham
• Manual Annotations of this start: 4 of 483
• Called 1.6% of time when present
• Phage (with cluster) where this start called: Amela_52 (BD3), SunkenRoot_53 (BD3), Verse_53 (BD3), Yosif_56 (BD3),

Start 110:
• Found in 31 of 546 (5.7%) of genes in pham
• Manual Annotations of this start: 9 of 483
• Called 32.3% of time when present
• Phage (with cluster) where this start called: Alsaber_53 (BD3), Conan_53 (BD3), ElGato_53 (BD3), Jhitchelle_51 (BD3), Kaine_53 (BD3), Pavo_54 (BD3), Provolone_53 (BD3), Sudan_53 (BD3), Vanseggelen_58 (BD3), ZamZam_53 (BD3),

Start 127:
• Found in 351 of 546 (64.3%) of genes in pham
• Manual Annotations of this start: 1 of 483
• Called 0.3% of time when present
• Phage (with cluster) where this start called: Saftant_51 (BD3),

Summary by clusters:

There are 30 clusters represented in this pham: GD1, GD2, GD3, DJ, singleton, BT, FC, BR, GD4, BD4, BD1, BD3, BD2, C2, DU2, EL, CC, CB, CG, CE, CX, BK1, BK2, UNK, C1, CQ1, AI, BE2, BE1, AZ4,

Info for manual annotations of cluster AI:
•Start number 76 was manually annotated 1 time for cluster AI.

Info for manual annotations of cluster AZ4:
•Start number 76 was manually annotated 7 times for cluster AZ4.

Info for manual annotations of cluster BD1:
•Start number 76 was manually annotated 51 times for cluster BD1.
•Start number 77 was manually annotated 3 times for cluster BD1.
•Start number 105 was manually annotated 1 time for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 76 was manually annotated 33 times for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 30 was manually annotated 1 time for cluster BD3.
•Start number 92 was manually annotated 1 time for cluster BD3.
•Start number 107 was manually annotated 4 times for cluster BD3.
•Start number 110 was manually annotated 9 times for cluster BD3.
•Start number 127 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD4:
•Start number 76 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster BE1:
•Start number 64 was manually annotated 2 times for cluster BE1.
•Start number 66 was manually annotated 1 time for cluster BE1.
•Start number 72 was manually annotated 40 times for cluster BE1.
•Start number 73 was manually annotated 1 time for cluster BE1.
•Start number 75 was manually annotated 4 times for cluster BE1.
•Start number 95 was manually annotated 1 time for cluster BE1.

Info for manual annotations of cluster BE2:
•Start number 65 was manually annotated 1 time for cluster BE2.
•Start number 72 was manually annotated 30 times for cluster BE2.
•Start number 79 was manually annotated 2 times for cluster BE2.
•Start number 81 was manually annotated 2 times for cluster BE2.

Info for manual annotations of cluster BK1:
•Start number 57 was manually annotated 2 times for cluster BK1.
•Start number 59 was manually annotated 2 times for cluster BK1.
•Start number 70 was manually annotated 18 times for cluster BK1.
•Start number 75 was manually annotated 1 time for cluster BK1.
•Start number 79 was manually annotated 1 time for cluster BK1.

Info for manual annotations of cluster BK2:
•Start number 68 was manually annotated 1 time for cluster BK2.
•Start number 70 was manually annotated 4 times for cluster BK2.

Info for manual annotations of cluster BR:
•Start number 38 was manually annotated 1 time for cluster BR.
•Start number 45 was manually annotated 1 time for cluster BR.

Info for manual annotations of cluster BT:
•Start number 76 was manually annotated 3 times for cluster BT.

Info for manual annotations of cluster C1:
•Start number 76 was manually annotated 179 times for cluster C1.

Info for manual annotations of cluster C2:
•Start number 76 was manually annotated 2 times for cluster C2.

Info for manual annotations of cluster CB:

•Start number 63 was manually annotated 3 times for cluster CB.

Info for manual annotations of cluster CC:
•Start number 70 was manually annotated 1 time for cluster CC.

Info for manual annotations of cluster CE:
•Start number 76 was manually annotated 2 times for cluster CE.

Info for manual annotations of cluster CG:
•Start number 63 was manually annotated 3 times for cluster CG.

Info for manual annotations of cluster CQ1:
•Start number 76 was manually annotated 6 times for cluster CQ1.
•Start number 77 was manually annotated 9 times for cluster CQ1.

Info for manual annotations of cluster CX:
•Start number 77 was manually annotated 5 times for cluster CX.

Info for manual annotations of cluster DJ:
•Start number 72 was manually annotated 7 times for cluster DJ.

Info for manual annotations of cluster DU2:
•Start number 77 was manually annotated 4 times for cluster DU2.

Info for manual annotations of cluster EL:
•Start number 58 was manually annotated 1 time for cluster EL.
•Start number 60 was manually annotated 1 time for cluster EL.
•Start number 77 was manually annotated 2 times for cluster EL.

Info for manual annotations of cluster FC:
•Start number 47 was manually annotated 1 time for cluster FC.
•Start number 50 was manually annotated 9 times for cluster FC.
•Start number 54 was manually annotated 4 times for cluster FC.
•Start number 55 was manually annotated 1 time for cluster FC.
•Start number 56 was manually annotated 1 time for cluster FC.
•Start number 62 was manually annotated 1 time for cluster FC.

Info for manual annotations of cluster GD1:
•Start number 78 was manually annotated 3 times for cluster GD1.

Info for manual annotations of cluster GD2:
•Start number 80 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:
•Start number 80 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:
•Start number 80 was manually annotated 1 time for cluster GD4.

Gene Information:

Gene: A3Wally_137 Start: 87244, Stop: 88002, Start Num: 78
Candidate Starts for A3Wally_137:
(Start: 78 @87244 has 3 MA's), (99, 87292), (109, 87334), (132, 87487), (139, 87517), (142, 87532), (144, 87544), (147, 87565), (166, 87658), (188, 87703), (193, 87721), (218, 87811), (244, 87916),

Gene: Aaronocolus_50 Start: 36263, Stop: 35550, Start Num: 76
Candidate Starts for Aaronocolus_50:
(Start: 76 @36263 has 288 MA's), (Start: 105 @36194 has 1 MA's), (Start: 107 @36188 has 4 MA's), (116, 36143), (Start: 127 @36104 has 1 MA's), (139, 36035), (153, 35948), (158, 35924), (191, 35840), (210, 35780), (227, 35711), (246, 35624), (252, 35600),

Gene: Ablatia_91 Start: 38099, Stop: 38806, Start Num: 76
Candidate Starts for Ablatia_91:
(Start: 76 @38099 has 288 MA's), (97, 38138), (Start: 107 @38174 has 4 MA's), (Start: 127 @38246 has 1 MA's), (130, 38279), (163, 38450), (188, 38507), (200, 38549), (206, 38567), (211, 38585), (215, 38597), (216, 38606), (221, 38621), (227, 38645), (231, 38660), (243, 38717), (253, 38762), (254, 38765),

Gene: Abscondus_92 Start: 56684, Stop: 57385, Start Num: 77
Candidate Starts for Abscondus_92:
(12, 56474), (14, 56477), (61, 56654), (71, 56669), (Start: 77 @56684 has 23 MA's), (Start: 92 @56711 has 1 MA's), (99, 56735), (142, 56918), (150, 56969), (152, 56978), (161, 57017), (180, 57074), (200, 57128), (222, 57206), (227, 57224), (244, 57299), (246, 57311), (252, 57335), (253, 57341),

Gene: AcciDwight_32 Start: 13752, Stop: 13048, Start Num: 79
Candidate Starts for AcciDwight_32:
(Start: 50 @13812 has 9 MA's), (Start: 72 @13767 has 77 MA's), (Start: 79 @13752 has 3 MA's), (103, 13704), (132, 13578), (139, 13548), (183, 13350), (223, 13215),

Gene: AceofSpades_35 Start: 24581, Stop: 25285, Start Num: 76
Candidate Starts for AceofSpades_35:
(15, 24380), (Start: 76 @24581 has 288 MA's), (97, 24623), (99, 24635), (132, 24770), (211, 25061), (215, 25073), (224, 25109), (254, 25244),

Gene: Ading_93 Start: 39368, Stop: 40075, Start Num: 76
Candidate Starts for Ading_93:
(Start: 76 @39368 has 288 MA's), (97, 39407), (Start: 107 @39443 has 4 MA's), (Start: 127 @39515 has 1 MA's), (130, 39548), (163, 39719), (188, 39776), (200, 39818), (206, 39836), (211, 39854), (215, 39866), (216, 39875), (221, 39890), (227, 39914), (231, 39929), (243, 39986), (253, 40031), (254, 40034),

Gene: Adlitam_93 Start: 39385, Stop: 40092, Start Num: 76
Candidate Starts for Adlitam_93:
(Start: 76 @39385 has 288 MA's), (97, 39424), (Start: 107 @39460 has 4 MA's), (Start: 127 @39532 has 1 MA's), (130, 39565), (163, 39736), (188, 39793), (200, 39835), (206, 39853), (211, 39871), (215, 39883), (216, 39892), (221, 39907), (227, 39931), (231, 39946), (243, 40003), (253, 40048), (254, 40051),

Gene: Alice_86 Start: 37247, Stop: 37954, Start Num: 76
Candidate Starts for Alice_86:
(Start: 76 @37247 has 288 MA's), (97, 37286), (Start: 107 @37322 has 4 MA's), (Start: 127 @37394 has 1 MA's), (130, 37427), (163, 37598), (188, 37655), (200, 37697), (206, 37715), (211, 37733), (215, 37745), (216, 37754), (221, 37769), (227, 37793), (231, 37808), (243, 37865), (253, 37910), (254,

37913),

Gene: Alsaber_53 Start: 38901, Stop: 38293, Start Num: 110
Candidate Starts for Alsaber_53:
(9, 39264), (10, 39249), (11, 39228), (Start: 110 @38901 has 9 MA's), (Start: 127 @38847 has 1 MA's), (134, 38799), (139, 38778), (193, 38574), (227, 38454), (234, 38430), (243, 38382), (244, 38379), (246, 38367), (252, 38343),

Gene: Alvy_58 Start: 41017, Stop: 40304, Start Num: 76
Candidate Starts for Alvy_58:
(Start: 76 @41017 has 288 MA's), (139, 40789), (150, 40720), (154, 40693), (180, 40615), (188, 40603), (189, 40600), (200, 40561), (210, 40534), (211, 40525), (215, 40513), (227, 40465), (243, 40393), (246, 40378), (252, 40354), (259, 40315),

Gene: Amabiko_30 Start: 13812, Stop: 13093, Start Num: 72
Candidate Starts for Amabiko_30:
(Start: 50 @13857 has 9 MA's), (Start: 72 @13812 has 77 MA's), (Start: 79 @13797 has 3 MA's), (103, 13749), (132, 13623), (139, 13593), (183, 13395), (223, 13260),

Gene: Amataga_93 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Amataga_93:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Amela_52 Start: 39806, Stop: 39168, Start Num: 107
Candidate Starts for Amela_52:
(Start: 107 @39806 has 4 MA's), (Start: 110 @39785 has 9 MA's), (115, 39764), (Start: 127 @39722 has 1 MA's), (139, 39653), (153, 39566), (176, 39485), (227, 39329), (243, 39257), (244, 39254), (246, 39242), (247, 39236), (252, 39218), (258, 39191), (259, 39179),

Gene: Amethyst_53 Start: 39274, Stop: 38561, Start Num: 76
Candidate Starts for Amethyst_53:
(43, 39316), (Start: 76 @39274 has 288 MA's), (Start: 127 @39115 has 1 MA's), (153, 38959), (180, 38872), (188, 38860), (200, 38818), (210, 38791), (211, 38782), (215, 38770), (227, 38722), (243, 38650), (246, 38635), (252, 38611),

Gene: Andris_55 Start: 39938, Stop: 39225, Start Num: 76
Candidate Starts for Andris_55:
(Start: 76 @39938 has 288 MA's), (115, 39821), (Start: 127 @39779 has 1 MA's), (158, 39599), (161, 39593), (188, 39524), (210, 39455), (211, 39446), (227, 39386), (243, 39314), (246, 39299), (252, 39275),

Gene: Anedea_23 Start: 11490, Stop: 10837, Start Num: 95
Candidate Starts for Anedea_23:
(Start: 50 @11568 has 9 MA's), (Start: 64 @11538 has 2 MA's), (Start: 95 @11490 has 1 MA's), (99, 11472), (103, 11460), (132, 11334), (144, 11277), (195, 11106), (209, 11058), (223, 11004), (235, 10962), (246, 10896), (255, 10860),

Gene: Angela_25 Start: 12294, Stop: 11602, Start Num: 72
Candidate Starts for Angela_25:

(Start: 72 @12294 has 77 MA's), (99, 12243), (132, 12105), (139, 12075), (179, 11886), (196, 11868), (223, 11769), (235, 11727), (248, 11652),

Gene: AngryGiraffe_30 Start: 13623, Stop: 12931, Start Num: 72
Candidate Starts for AngryGiraffe_30:
(13, 13830), (19, 13797), (21, 13794), (25, 13773), (39, 13710), (Start: 72 @13623 has 77 MA's), (89, 13605), (99, 13572), (132, 13434), (144, 13377), (146, 13362), (209, 13152), (223, 13098),

Gene: Animus_55 Start: 40488, Stop: 39775, Start Num: 76
Candidate Starts for Animus_55:
(28, 40596), (Start: 76 @40488 has 288 MA's), (150, 40191), (153, 40173), (154, 40164), (180, 40086), (188, 40074), (200, 40032), (210, 40005), (211, 39996), (215, 39984), (227, 39936), (243, 39864), (246, 39849), (252, 39825), (259, 39786),

Gene: Annadreamy_8 Start: 3078, Stop: 2383, Start Num: 70
Candidate Starts for Annadreamy_8:
(Start: 70 @3078 has 23 MA's), (99, 3024), (129, 2904), (209, 2604), (236, 2499), (253, 2412), (255, 2406),

Gene: Aphelion_93 Start: 57482, Stop: 58183, Start Num: 77
Candidate Starts for Aphelion_93:
(61, 57452), (71, 57467), (Start: 77 @57482 has 23 MA's), (Start: 92 @57509 has 1 MA's), (99, 57533), (142, 57716), (150, 57767), (152, 57776), (161, 57815), (180, 57872), (200, 57926), (222, 58004), (227, 58022), (244, 58097), (246, 58109), (252, 58133), (253, 58139), (257, 58157), (259, 58172),

Gene: ArcherS7_92 Start: 38948, Stop: 39655, Start Num: 76
Candidate Starts for ArcherS7_92:
(Start: 76 @38948 has 288 MA's), (97, 38987), (Start: 107 @39023 has 4 MA's), (Start: 127 @39095 has 1 MA's), (130, 39128), (163, 39299), (188, 39356), (200, 39398), (206, 39416), (211, 39434), (215, 39446), (216, 39455), (221, 39470), (227, 39494), (231, 39509), (243, 39566), (253, 39611), (254, 39614),

Gene: ArianaSWT_25 Start: 12058, Stop: 11357, Start Num: 72
Candidate Starts for ArianaSWT_25:
(Start: 66 @12067 has 1 MA's), (Start: 72 @12058 has 77 MA's), (Start: 79 @12043 has 3 MA's), (99, 12007), (132, 11869), (139, 11839), (162, 11713), (195, 11641), (209, 11593), (223, 11539), (235, 11497),

Gene: Artorias_72 Start: 48967, Stop: 49680, Start Num: 72
Candidate Starts for Artorias_72:
(Start: 72 @48967 has 77 MA's), (Start: 92 @49003 has 1 MA's), (104, 49042), (Start: 110 @49072 has 9 MA's), (Start: 127 @49126 has 1 MA's), (131, 49162), (132, 49165), (139, 49195), (142, 49210), (149, 49258), (157, 49303), (169, 49348), (200, 49423), (227, 49519), (229, 49528), (246, 49606),

Gene: Artu_92 Start: 79078, Stop: 79830, Start Num: 50
Candidate Starts for Artu_92:
(Start: 50 @79078 has 9 MA's), (99, 79177), (124, 79264), (142, 79360), (150, 79411), (240, 79726), (244, 79744), (246, 79756),

Gene: Asten_51 Start: 38611, Stop: 37898, Start Num: 76
Candidate Starts for Asten_51:
(Start: 76 @38611 has 288 MA's), (Start: 105 @38539 has 1 MA's), (Start: 127 @38452 has 1 MA's), (137, 38389), (139, 38383), (153, 38296), (210, 38128), (215, 38107), (227, 38059), (243, 37987),

(246, 37972), (252, 37948), (259, 37909),

Gene: Asterius_96 Start: 38933, Stop: 39640, Start Num: 76
Candidate Starts for Asterius_96:
(Start: 76 @38933 has 288 MA's), (97, 38972), (Start: 107 @39008 has 4 MA's), (Start: 127 @39080 has 1 MA's), (130, 39113), (163, 39284), (188, 39341), (200, 39383), (206, 39401), (211, 39419), (215, 39431), (216, 39440), (221, 39455), (227, 39479), (231, 39494), (243, 39551), (253, 39596), (254, 39599),

Gene: Astraea_91 Start: 38809, Stop: 39516, Start Num: 76
Candidate Starts for Astraea_91:
(Start: 76 @38809 has 288 MA's), (97, 38848), (Start: 107 @38884 has 4 MA's), (Start: 127 @38956 has 1 MA's), (130, 38989), (163, 39160), (188, 39217), (200, 39259), (206, 39277), (211, 39295), (215, 39307), (216, 39316), (221, 39331), (227, 39355), (231, 39370), (243, 39427), (253, 39472), (254, 39475),

Gene: Atlantean_92 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Atlantean_92:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Atuin_96 Start: 82474, Stop: 83295, Start Num: 47
Candidate Starts for Atuin_96:
(Start: 47 @82474 has 1 MA's), (69, 82522), (99, 82594), (137, 82798), (142, 82819), (150, 82870), (211, 83071), (218, 83101), (222, 83113), (238, 83173),

Gene: Audrick_95 Start: 38609, Stop: 39316, Start Num: 76
Candidate Starts for Audrick_95:
(Start: 76 @38609 has 288 MA's), (97, 38648), (Start: 107 @38684 has 4 MA's), (Start: 127 @38756 has 1 MA's), (130, 38789), (163, 38960), (188, 39017), (200, 39059), (206, 39077), (211, 39095), (215, 39107), (216, 39116), (221, 39131), (227, 39155), (231, 39170), (243, 39227), (253, 39272), (254, 39275),

Gene: Ava3_94 Start: 39306, Stop: 40013, Start Num: 76
Candidate Starts for Ava3_94:
(Start: 76 @39306 has 288 MA's), (97, 39345), (Start: 107 @39381 has 4 MA's), (Start: 127 @39453 has 1 MA's), (130, 39486), (163, 39657), (188, 39714), (200, 39756), (206, 39774), (211, 39792), (215, 39804), (216, 39813), (221, 39828), (227, 39852), (231, 39867), (243, 39924), (253, 39969), (254, 39972),

Gene: Axiom_56 Start: 40193, Stop: 39480, Start Num: 76
Candidate Starts for Axiom_56:
(Start: 76 @40193 has 288 MA's), (Start: 127 @40034 has 1 MA's), (139, 39965), (154, 39869), (180, 39791), (188, 39779), (198, 39743), (200, 39737), (210, 39710), (211, 39701), (215, 39689), (227, 39641), (243, 39569), (246, 39554), (252, 39530), (259, 39491),

Gene: Babyland_93 Start: 38069, Stop: 38776, Start Num: 76
Candidate Starts for Babyland_93:
(Start: 76 @38069 has 288 MA's), (97, 38108), (Start: 107 @38144 has 4 MA's), (Start: 127 @38216 has 1 MA's), (130, 38249), (163, 38420), (188, 38477), (200, 38519), (206, 38537), (211, 38555), (215, 38567), (216, 38576), (221, 38591), (227, 38615), (231, 38630), (243, 38687), (253, 38732), (254,

38735),

Gene: Bachita_94 Start: 57559, Stop: 58263, Start Num: 76
Candidate Starts for Bachita_94:
(4, 56953), (Start: 76 @57559 has 288 MA's), (Start: 92 @57589 has 1 MA's), (99, 57613), (142, 57796), (150, 57847), (152, 57856), (161, 57895), (180, 57952), (200, 58006), (222, 58084), (227, 58102), (244, 58177), (246, 58189), (252, 58213), (253, 58219), (257, 58237), (259, 58252),

Gene: BackyardAgain_90 Start: 38126, Stop: 38833, Start Num: 76
Candidate Starts for BackyardAgain_90:
(Start: 76 @38126 has 288 MA's), (97, 38165), (Start: 107 @38201 has 4 MA's), (Start: 127 @38273 has 1 MA's), (130, 38306), (163, 38477), (188, 38534), (200, 38576), (206, 38594), (211, 38612), (215, 38624), (216, 38633), (221, 38648), (227, 38672), (231, 38687), (243, 38744), (253, 38789), (254, 38792),

Gene: BananaFence_92 Start: 39171, Stop: 39878, Start Num: 76
Candidate Starts for BananaFence_92:
(Start: 76 @39171 has 288 MA's), (97, 39210), (Start: 107 @39246 has 4 MA's), (Start: 127 @39318 has 1 MA's), (130, 39351), (163, 39522), (188, 39579), (200, 39621), (206, 39639), (211, 39657), (215, 39669), (216, 39678), (221, 39693), (227, 39717), (231, 39732), (243, 39789), (253, 39834), (254, 39837),

Gene: Bangla1971_94 Start: 39078, Stop: 39785, Start Num: 76
Candidate Starts for Bangla1971_94:
(Start: 76 @39078 has 288 MA's), (97, 39117), (Start: 107 @39153 has 4 MA's), (Start: 127 @39225 has 1 MA's), (130, 39258), (163, 39429), (188, 39486), (200, 39528), (206, 39546), (211, 39564), (215, 39576), (216, 39585), (221, 39600), (227, 39624), (231, 39639), (243, 39696), (253, 39741), (254, 39744),

Gene: BarryBee_54 Start: 38633, Stop: 37920, Start Num: 76
Candidate Starts for BarryBee_54:
(17, 38774), (Start: 76 @38633 has 288 MA's), (Start: 105 @38561 has 1 MA's), (Start: 127 @38474 has 1 MA's), (137, 38411), (139, 38405), (153, 38318), (215, 38129), (227, 38081), (243, 38009), (246, 37994), (252, 37970), (259, 37931),

Gene: BartholomewSD_58 Start: 40136, Stop: 39423, Start Num: 76
Candidate Starts for BartholomewSD_58:
(Start: 76 @40136 has 288 MA's), (139, 39908), (150, 39839), (154, 39812), (180, 39734), (188, 39722), (189, 39719), (200, 39680), (210, 39653), (211, 39644), (215, 39632), (227, 39584), (243, 39512), (246, 39497), (252, 39473), (259, 39434),

Gene: Bartholomune_24 Start: 11776, Stop: 11042, Start Num: 72
Candidate Starts for Bartholomune_24:
(Start: 72 @11776 has 77 MA's), (99, 11725), (132, 11587), (139, 11557), (209, 11269), (223, 11215), (235, 11173), (236, 11164), (243, 11122), (248, 11098), (250, 11092),

Gene: Basquiat_89 Start: 37623, Stop: 38330, Start Num: 76
Candidate Starts for Basquiat_89:
(Start: 76 @37623 has 288 MA's), (97, 37662), (Start: 107 @37698 has 4 MA's), (Start: 127 @37770 has 1 MA's), (130, 37803), (163, 37974), (188, 38031), (200, 38073), (206, 38091), (211, 38109), (215, 38121), (216, 38130), (221, 38145), (227, 38169), (231, 38184), (243, 38241), (253, 38286), (254, 38289),

Gene: Battuta_28 Start: 13788, Stop: 13069, Start Num: 72
Candidate Starts for Battuta_28:
(Start: 50 @13833 has 9 MA's), (Start: 72 @13788 has 77 MA's), (Start: 79 @13773 has 3 MA's), (103, 13725), (132, 13599), (139, 13569), (183, 13371), (223, 13236),

Gene: BeanWater_85 Start: 39022, Stop: 39729, Start Num: 76
Candidate Starts for BeanWater_85:
(Start: 76 @39022 has 288 MA's), (97, 39061), (Start: 107 @39097 has 4 MA's), (Start: 127 @39169 has 1 MA's), (130, 39202), (163, 39373), (188, 39430), (200, 39472), (206, 39490), (211, 39508), (215, 39520), (216, 39529), (221, 39544), (227, 39568), (231, 39583), (243, 39640), (253, 39685), (254, 39688),

Gene: BeardedLady_50 Start: 36637, Stop: 35924, Start Num: 76
Candidate Starts for BeardedLady_50:
(Start: 76 @36637 has 288 MA's), (Start: 105 @36568 has 1 MA's), (Start: 107 @36562 has 4 MA's), (116, 36517), (Start: 127 @36478 has 1 MA's), (139, 36409), (153, 36322), (158, 36298), (191, 36214), (210, 36154), (227, 36085), (246, 35998), (252, 35974),

Gene: Belfort_8 Start: 3046, Stop: 2297, Start Num: 79
Candidate Starts for Belfort_8:
(67, 3067), (Start: 79 @3046 has 3 MA's), (Start: 95 @3028 has 1 MA's), (98, 3019), (99, 3010), (103, 2998), (106, 2989), (129, 2890), (209, 2518), (233, 2425), (255, 2320),

Gene: Belieber_87 Start: 37982, Stop: 38689, Start Num: 76
Candidate Starts for Belieber_87:
(Start: 76 @37982 has 288 MA's), (97, 38021), (Start: 107 @38057 has 4 MA's), (Start: 127 @38129 has 1 MA's), (130, 38162), (163, 38333), (188, 38390), (200, 38432), (206, 38450), (211, 38468), (215, 38480), (216, 38489), (221, 38504), (227, 38528), (231, 38543), (243, 38600), (253, 38645), (254, 38648),

Gene: Beuffert_7 Start: 2910, Stop: 2215, Start Num: 70
Candidate Starts for Beuffert_7:
(Start: 70 @2910 has 23 MA's), (99, 2856), (129, 2736), (153, 2604), (209, 2436), (236, 2331), (255, 2238),

Gene: Bezza_87 Start: 37938, Stop: 38645, Start Num: 76
Candidate Starts for Bezza_87:
(Start: 76 @37938 has 288 MA's), (97, 37977), (Start: 107 @38013 has 4 MA's), (Start: 127 @38085 has 1 MA's), (130, 38118), (163, 38289), (188, 38346), (200, 38388), (206, 38406), (211, 38424), (215, 38436), (216, 38445), (221, 38460), (227, 38484), (231, 38499), (243, 38556), (253, 38601), (254, 38604),

Gene: Big4_130 Start: 86026, Stop: 86793, Start Num: 80
Candidate Starts for Big4_130:
(Start: 80 @86026 has 4 MA's), (Start: 95 @86059 has 1 MA's), (99, 86077), (Start: 127 @86239 has 1 MA's), (132, 86278), (139, 86308), (147, 86356), (166, 86449), (182, 86485), (193, 86512), (203, 86545), (211, 86572), (218, 86602),

Gene: BigCity_101 Start: 41682, Stop: 42389, Start Num: 76
Candidate Starts for BigCity_101:
(Start: 76 @41682 has 288 MA's), (97, 41721), (Start: 107 @41757 has 4 MA's), (Start: 127 @41829 has 1 MA's), (130, 41862), (163, 42033), (188, 42090), (200, 42132), (206, 42150), (211, 42168), (215, 42180), (216, 42189), (221, 42204), (227, 42228), (231, 42243), (243, 42300), (253, 42345), (254,

42348),

Gene: Bigswole_98 Start: 42030, Stop: 42737, Start Num: 76
Candidate Starts for Bigswole_98:
(Start: 76 @42030 has 288 MA's), (97, 42069), (Start: 107 @42105 has 4 MA's), (Start: 127 @42177 has 1 MA's), (130, 42210), (163, 42381), (188, 42438), (200, 42480), (206, 42498), (211, 42516), (215, 42528), (216, 42537), (221, 42552), (227, 42576), (231, 42591), (243, 42648), (253, 42693), (254, 42696),

Gene: BillNye_9 Start: 4419, Stop: 3727, Start Num: 70
Candidate Starts for BillNye_9:
(Start: 70 @4419 has 23 MA's), (99, 4365), (108, 4329), (109, 4320), (129, 4245), (156, 4089), (164, 4050), (209, 3945), (219, 3906), (253, 3753), (255, 3747),

Gene: Bimmel_20 Start: 13335, Stop: 12628, Start Num: 76
Candidate Starts for Bimmel_20:
(36, 13404), (Start: 76 @13335 has 288 MA's), (Start: 95 @13302 has 1 MA's), (104, 13269), (142, 13098), (158, 13002), (161, 12996), (180, 12939), (188, 12927), (200, 12885), (211, 12849), (212, 12846), (227, 12789), (243, 12717), (246, 12702), (252, 12678),

Gene: Bipolarisk_92 Start: 39336, Stop: 40043, Start Num: 76
Candidate Starts for Bipolarisk_92:
(Start: 76 @39336 has 288 MA's), (97, 39375), (Start: 107 @39411 has 4 MA's), (Start: 127 @39483 has 1 MA's), (130, 39516), (163, 39687), (188, 39744), (200, 39786), (206, 39804), (211, 39822), (215, 39834), (216, 39843), (221, 39858), (227, 39882), (231, 39897), (243, 39954), (253, 39999), (254, 40002),

Gene: Birchlyn_27 Start: 11669, Stop: 10950, Start Num: 72
Candidate Starts for Birchlyn_27:
(Start: 50 @11714 has 9 MA's), (Start: 72 @11669 has 77 MA's), (Start: 79 @11654 has 3 MA's), (103, 11606), (132, 11480), (139, 11450), (183, 11252), (223, 11117),

Gene: Blackbrain_88 Start: 37440, Stop: 38147, Start Num: 76
Candidate Starts for Blackbrain_88:
(Start: 76 @37440 has 288 MA's), (97, 37479), (Start: 107 @37515 has 4 MA's), (Start: 127 @37587 has 1 MA's), (130, 37620), (163, 37791), (188, 37848), (200, 37890), (206, 37908), (211, 37926), (215, 37938), (216, 37947), (221, 37962), (227, 37986), (231, 38001), (243, 38058), (253, 38103), (254, 38106),

Gene: Blackdragon_87 Start: 38154, Stop: 38861, Start Num: 76
Candidate Starts for Blackdragon_87:
(Start: 76 @38154 has 288 MA's), (97, 38193), (Start: 107 @38229 has 4 MA's), (Start: 127 @38301 has 1 MA's), (130, 38334), (163, 38505), (188, 38562), (200, 38604), (206, 38622), (211, 38640), (215, 38652), (216, 38661), (221, 38676), (227, 38700), (231, 38715), (243, 38772), (253, 38817), (254, 38820),

Gene: Bloom_106 Start: 82689, Stop: 83471, Start Num: 50
Candidate Starts for Bloom_106:
(Start: 50 @82689 has 9 MA's), (98, 82791), (99, 82800), (150, 83052), (157, 83091), (180, 83157), (190, 83175), (218, 83277), (226, 83304), (243, 83382),

Gene: BlueOtter_25 Start: 12100, Stop: 11357, Start Num: 72
Candidate Starts for BlueOtter_25:

(Start: 66 @12109 has 1 MA's), (Start: 72 @12100 has 77 MA's), (Start: 79 @12085 has 3 MA's), (99, 12049), (139, 11881), (156, 11773), (209, 11593), (223, 11539), (235, 11497),

Gene: Blueeyedbeauty_10 Start: 3741, Stop: 3046, Start Num: 70
Candidate Starts for Blueeyedbeauty_10:
(Start: 70 @3741 has 23 MA's), (99, 3687), (129, 3567), (153, 3435), (209, 3267), (236, 3162), (255, 3069),

Gene: Bmoc_23 Start: 12010, Stop: 11321, Start Num: 72
Candidate Starts for Bmoc_23:
(Start: 72 @12010 has 77 MA's), (89, 11995), (99, 11962), (132, 11824), (139, 11794), (195, 11596), (223, 11494), (235, 11452), (255, 11350),

Gene: BobaPhatt_89 Start: 37263, Stop: 37970, Start Num: 76
Candidate Starts for BobaPhatt_89:
(Start: 76 @37263 has 288 MA's), (97, 37302), (Start: 107 @37338 has 4 MA's), (Start: 127 @37410 has 1 MA's), (130, 37443), (163, 37614), (188, 37671), (200, 37713), (206, 37731), (211, 37749), (215, 37761), (216, 37770), (221, 37785), (227, 37809), (231, 37824), (243, 37881), (253, 37926), (254, 37929),

Gene: Bonray_93 Start: 39732, Stop: 40439, Start Num: 76
Candidate Starts for Bonray_93:
(Start: 76 @39732 has 288 MA's), (97, 39771), (Start: 107 @39807 has 4 MA's), (Start: 127 @39879 has 1 MA's), (130, 39912), (163, 40083), (188, 40140), (200, 40182), (206, 40200), (211, 40218), (215, 40230), (216, 40239), (221, 40254), (227, 40278), (231, 40293), (243, 40350), (253, 40395), (254, 40398),

Gene: BooTeria_92 Start: 79143, Stop: 79943, Start Num: 54
Candidate Starts for BooTeria_92:
(Start: 54 @79143 has 4 MA's), (98, 79233), (99, 79242), (137, 79446), (150, 79518), (168, 79602), (186, 79638), (211, 79719), (218, 79749), (248, 79878),

Gene: BoomerJR_30 Start: 13623, Stop: 12931, Start Num: 72
Candidate Starts for BoomerJR_30:
(13, 13830), (19, 13797), (21, 13794), (25, 13773), (39, 13710), (Start: 72 @13623 has 77 MA's), (89, 13605), (99, 13572), (132, 13434), (144, 13377), (146, 13362), (209, 13152), (223, 13098),

Gene: Bordeaux_28 Start: 13803, Stop: 13084, Start Num: 72
Candidate Starts for Bordeaux_28:
(Start: 50 @13848 has 9 MA's), (Start: 72 @13803 has 77 MA's), (Start: 79 @13788 has 3 MA's), (103, 13740), (132, 13614), (139, 13584), (183, 13386), (223, 13251),

Gene: Bovely_50 Start: 36266, Stop: 35553, Start Num: 76
Candidate Starts for Bovely_50:
(Start: 76 @36266 has 288 MA's), (Start: 105 @36197 has 1 MA's), (Start: 107 @36191 has 4 MA's), (116, 36146), (Start: 127 @36107 has 1 MA's), (139, 36038), (153, 35951), (158, 35927), (191, 35843), (210, 35783), (227, 35714), (246, 35627), (252, 35603),

Gene: Bowden_55 Start: 40964, Stop: 40254, Start Num: 76
Candidate Starts for Bowden_55:
(Start: 76 @40964 has 288 MA's), (139, 40739), (154, 40643), (180, 40565), (188, 40553), (200, 40511), (210, 40484), (211, 40475), (215, 40463), (227, 40415), (243, 40343), (246, 40328), (252, 40304),

Gene: Bowman_96 Start: 39924, Stop: 40631, Start Num: 76
Candidate Starts for Bowman_96:
(Start: 76 @39924 has 288 MA's), (97, 39963), (Start: 107 @39999 has 4 MA's), (Start: 127 @40071 has 1 MA's), (130, 40104), (163, 40275), (188, 40332), (200, 40374), (206, 40392), (211, 40410), (215, 40422), (216, 40431), (221, 40446), (227, 40470), (231, 40485), (243, 40542), (253, 40587), (254, 40590),

Gene: Braelyn_24 Start: 11811, Stop: 11086, Start Num: 75
Candidate Starts for Braelyn_24:
(33, 11937), (34, 11919), (42, 11892), (Start: 64 @11835 has 2 MA's), (Start: 75 @11811 has 5 MA's), (Start: 79 @11805 has 3 MA's), (Start: 95 @11787 has 1 MA's), (99, 11769), (103, 11757), (106, 11748), (132, 11631), (209, 11313), (223, 11259), (235, 11217), (236, 11208), (243, 11166), (248, 11142), (250, 11136),

Gene: Brataylor_54 Start: 38002, Stop: 37289, Start Num: 76
Candidate Starts for Brataylor_54:
(Start: 76 @38002 has 288 MA's), (Start: 105 @37930 has 1 MA's), (Start: 127 @37843 has 1 MA's), (132, 37804), (137, 37780), (139, 37774), (153, 37687), (180, 37600), (210, 37519), (215, 37498), (227, 37450), (243, 37378), (246, 37363), (252, 37339),

Gene: Bread_93 Start: 39228, Stop: 39935, Start Num: 76
Candidate Starts for Bread_93:
(Start: 76 @39228 has 288 MA's), (97, 39267), (Start: 107 @39303 has 4 MA's), (Start: 127 @39375 has 1 MA's), (130, 39408), (163, 39579), (188, 39636), (200, 39678), (206, 39696), (211, 39714), (215, 39726), (216, 39735), (221, 39750), (227, 39774), (231, 39789), (243, 39846), (253, 39891), (254, 39894),

Gene: Breeniome_93 Start: 38451, Stop: 39158, Start Num: 76
Candidate Starts for Breeniome_93:
(Start: 76 @38451 has 288 MA's), (97, 38490), (Start: 107 @38526 has 4 MA's), (Start: 127 @38598 has 1 MA's), (130, 38631), (163, 38802), (188, 38859), (200, 38901), (206, 38919), (211, 38937), (215, 38949), (216, 38958), (221, 38973), (227, 38997), (231, 39012), (243, 39069), (253, 39114), (254, 39117),

Gene: Brizzy_29 Start: 13363, Stop: 12644, Start Num: 72
Candidate Starts for Brizzy_29:
(Start: 72 @13363 has 77 MA's), (Start: 79 @13348 has 3 MA's), (103, 13300), (132, 13174), (139, 13144), (183, 12946), (195, 12913), (223, 12811),

Gene: BroPlease_55 Start: 40140, Stop: 39436, Start Num: 76
Candidate Starts for BroPlease_55:
(Start: 76 @40140 has 288 MA's), (98, 40101), (101, 40086), (Start: 127 @39990 has 1 MA's), (132, 39951), (137, 39927), (139, 39921), (142, 39906), (150, 39852), (152, 39843), (178, 39750), (180, 39747), (199, 39696), (200, 39693), (227, 39597), (243, 39525), (246, 39510), (252, 39486), (257, 39462), (259, 39447),

Gene: BryanRecycles_52 Start: 36756, Stop: 36043, Start Num: 76
Candidate Starts for BryanRecycles_52:
(Start: 76 @36756 has 288 MA's), (Start: 105 @36687 has 1 MA's), (Start: 107 @36681 has 4 MA's), (116, 36636), (Start: 127 @36597 has 1 MA's), (139, 36528), (153, 36441), (191, 36333), (227, 36204), (246, 36117), (252, 36093), (259, 36054),

Gene: Bugg_75 Start: 49012, Stop: 49725, Start Num: 72
Candidate Starts for Bugg_75:
(Start: 72 @49012 has 77 MA's), (Start: 92 @49048 has 1 MA's), (104, 49087), (Start: 110 @49117 has 9 MA's), (Start: 127 @49171 has 1 MA's), (131, 49207), (132, 49210), (139, 49240), (142, 49255), (149, 49303), (157, 49348), (169, 49393), (200, 49468), (227, 49564), (229, 49573), (246, 49651),

Gene: Burrough_93 Start: 39885, Stop: 40592, Start Num: 76
Candidate Starts for Burrough_93:
(Start: 76 @39885 has 288 MA's), (97, 39924), (Start: 107 @39960 has 4 MA's), (Start: 127 @40032 has 1 MA's), (130, 40065), (163, 40236), (188, 40293), (200, 40335), (206, 40353), (211, 40371), (215, 40383), (216, 40392), (221, 40407), (227, 40431), (231, 40446), (243, 40503), (253, 40548), (254, 40551),

Gene: Bxz1_91 Start: 40936, Stop: 41643, Start Num: 76
Candidate Starts for Bxz1_91:
(Start: 76 @40936 has 288 MA's), (97, 40975), (Start: 107 @41011 has 4 MA's), (Start: 127 @41083 has 1 MA's), (130, 41116), (163, 41287), (188, 41344), (200, 41386), (206, 41404), (211, 41422), (215, 41434), (216, 41443), (221, 41458), (227, 41482), (231, 41497), (243, 41554), (253, 41599), (254, 41602),

Gene: CMP1_07 Start: 3974, Stop: 4699, Start Num: 81
Candidate Starts for CMP1_07:
(Start: 81 @3974 has 2 MA's), (84, 3983), (Start: 92 @4001 has 1 MA's), (97, 4013), (114, 4109), (Start: 127 @4148 has 1 MA's), (132, 4187), (142, 4232), (150, 4283), (157, 4322), (166, 4355), (188, 4400), (203, 4451), (216, 4499), (222, 4520), (227, 4538), (244, 4613), (246, 4625), (259, 4688),

Gene: Cactojaque_88 Start: 37547, Stop: 38254, Start Num: 76
Candidate Starts for Cactojaque_88:
(Start: 76 @37547 has 288 MA's), (97, 37586), (Start: 107 @37622 has 4 MA's), (Start: 127 @37694 has 1 MA's), (130, 37727), (163, 37898), (188, 37955), (200, 37997), (206, 38015), (211, 38033), (215, 38045), (216, 38054), (221, 38069), (227, 38093), (231, 38108), (243, 38165), (253, 38210), (254, 38213),

Gene: Cadmus_25 Start: 12043, Stop: 11357, Start Num: 73
Candidate Starts for Cadmus_25:
(Start: 73 @12043 has 1 MA's), (99, 11995), (132, 11857), (139, 11827), (162, 11701), (174, 11653), (195, 11629), (209, 11581), (223, 11527), (250, 11404), (255, 11383),

Gene: Caelum_56 Start: 39487, Stop: 38774, Start Num: 76
Candidate Starts for Caelum_56:
(Start: 76 @39487 has 288 MA's), (Start: 110 @39391 has 9 MA's), (118, 39358), (Start: 127 @39328 has 1 MA's), (139, 39259), (142, 39244), (171, 39100), (176, 39091), (188, 39073), (210, 39004), (211, 38995), (215, 38983), (227, 38935), (243, 38863), (246, 38848), (252, 38824),

Gene: Cali_88 Start: 39462, Stop: 40169, Start Num: 76
Candidate Starts for Cali_88:
(Start: 76 @39462 has 288 MA's), (97, 39501), (Start: 107 @39537 has 4 MA's), (Start: 127 @39609 has 1 MA's), (130, 39642), (163, 39813), (188, 39870), (200, 39912), (206, 39930), (211, 39948), (215, 39960), (216, 39969), (221, 39984), (227, 40008), (231, 40023), (243, 40080), (253, 40125), (254, 40128),

Gene: Caliburn_49 Start: 36367, Stop: 35654, Start Num: 76
Candidate Starts for Caliburn_49:

(Start: 76 @36367 has 288 MA's), (Start: 105 @36298 has 1 MA's), (Start: 107 @36292 has 4 MA's), (116, 36247), (Start: 127 @36208 has 1 MA's), (139, 36139), (153, 36052), (158, 36028), (191, 35944), (210, 35884), (227, 35815), (246, 35728), (252, 35704),

Gene: Camille_65 Start: 45436, Stop: 46152, Start Num: 77
Candidate Starts for Camille_65:
(Start: 65 @45409 has 1 MA's), (Start: 77 @45436 has 23 MA's), (86, 45451), (Start: 127 @45601 has 1 MA's), (139, 45670), (142, 45685), (145, 45706), (150, 45736), (157, 45775), (158, 45778), (163, 45796), (167, 45808), (172, 45829), (227, 45991), (232, 46012), (251, 46099), (252, 46102), (257, 46126), (258, 46129),

Gene: Capablanca_95 Start: 39755, Stop: 40462, Start Num: 76
Candidate Starts for Capablanca_95:
(Start: 76 @39755 has 288 MA's), (97, 39794), (Start: 107 @39830 has 4 MA's), (Start: 127 @39902 has 1 MA's), (130, 39935), (163, 40106), (188, 40163), (200, 40205), (206, 40223), (211, 40241), (215, 40253), (216, 40262), (221, 40277), (227, 40301), (231, 40316), (243, 40373), (253, 40418), (254, 40421),

Gene: Caravan_88 Start: 39259, Stop: 39966, Start Num: 76
Candidate Starts for Caravan_88:
(Start: 76 @39259 has 288 MA's), (97, 39298), (Start: 107 @39334 has 4 MA's), (Start: 127 @39406 has 1 MA's), (130, 39439), (163, 39610), (188, 39667), (200, 39709), (206, 39727), (211, 39745), (215, 39757), (216, 39766), (221, 39781), (227, 39805), (231, 39820), (243, 39877), (253, 39922), (254, 39925),

Gene: Catera_90 Start: 37712, Stop: 38419, Start Num: 76
Candidate Starts for Catera_90:
(Start: 76 @37712 has 288 MA's), (97, 37751), (Start: 107 @37787 has 4 MA's), (Start: 127 @37859 has 1 MA's), (130, 37892), (163, 38063), (188, 38120), (200, 38162), (206, 38180), (211, 38198), (215, 38210), (216, 38219), (221, 38234), (227, 38258), (231, 38273), (243, 38330), (253, 38375), (254, 38378),

Gene: Causa_65 Start: 51033, Stop: 50329, Start Num: 76
Candidate Starts for Causa_65:
(53, 51081), (Start: 76 @51033 has 288 MA's), (98, 50991), (106, 50961), (121, 50910), (130, 50853), (152, 50742), (163, 50685), (216, 50529), (220, 50517), (221, 50514), (222, 50508), (227, 50490), (259, 50340),

Gene: Cece_121 Start: 88626, Stop: 89354, Start Num: 80
Candidate Starts for Cece_121:
(Start: 80 @88626 has 4 MA's), (83, 88635), (99, 88680), (112, 88743), (Start: 127 @88800 has 1 MA's), (132, 88839), (139, 88869), (147, 88917), (158, 88980), (166, 89010), (182, 89046), (218, 89163),

Gene: CeilingFan_29 Start: 13563, Stop: 12844, Start Num: 72
Candidate Starts for CeilingFan_29:
(Start: 50 @13608 has 9 MA's), (Start: 72 @13563 has 77 MA's), (Start: 79 @13548 has 3 MA's), (103, 13500), (132, 13374), (139, 13344), (183, 13146), (223, 13011),

Gene: Celery_57 Start: 39106, Stop: 38426, Start Num: 92
Candidate Starts for Celery_57:
(Start: 92 @39106 has 1 MA's), (Start: 105 @39064 has 1 MA's), (Start: 127 @38980 has 1 MA's), (139, 38911), (153, 38824), (182, 38734), (205, 38668), (227, 38587), (244, 38512), (246, 38500),

(250, 38485), (252, 38476), (258, 38449), (259, 38437),

Gene: Celeste_52 Start: 37468, Stop: 36755, Start Num: 76
Candidate Starts for Celeste_52:
(Start: 76 @37468 has 288 MA's), (Start: 105 @37396 has 1 MA's), (Start: 127 @37309 has 1 MA's), (132, 37270), (137, 37246), (139, 37240), (153, 37153), (180, 37066), (210, 36985), (215, 36964), (227, 36916), (243, 36844), (246, 36829), (252, 36805),

Gene: Chaewon_12 Start: 4192, Stop: 3497, Start Num: 68
Candidate Starts for Chaewon_12:
(Start: 68 @4192 has 1 MA's), (99, 4135), (108, 4099), (109, 4090), (129, 4015), (156, 3859), (209, 3715), (219, 3676), (223, 3661), (253, 3523), (255, 3517),

Gene: Chargie21_89 Start: 37623, Stop: 38330, Start Num: 76
Candidate Starts for Chargie21_89:
(Start: 76 @37623 has 288 MA's), (97, 37662), (Start: 107 @37698 has 4 MA's), (Start: 127 @37770 has 1 MA's), (130, 37803), (163, 37974), (188, 38031), (200, 38073), (206, 38091), (211, 38109), (215, 38121), (216, 38130), (221, 38145), (227, 38169), (231, 38184), (243, 38241), (253, 38286), (254, 38289),

Gene: CharlieB_88 Start: 37460, Stop: 38167, Start Num: 76
Candidate Starts for CharlieB_88:
(Start: 76 @37460 has 288 MA's), (97, 37499), (Start: 107 @37535 has 4 MA's), (Start: 127 @37607 has 1 MA's), (130, 37640), (163, 37811), (188, 37868), (200, 37910), (206, 37928), (211, 37946), (215, 37958), (216, 37967), (221, 37982), (227, 38006), (231, 38021), (243, 38078), (253, 38123), (254, 38126),

Gene: ChaylaJr_88 Start: 37338, Stop: 38045, Start Num: 76
Candidate Starts for ChaylaJr_88:
(Start: 76 @37338 has 288 MA's), (97, 37377), (Start: 107 @37413 has 4 MA's), (Start: 127 @37485 has 1 MA's), (130, 37518), (163, 37689), (188, 37746), (200, 37788), (206, 37806), (211, 37824), (215, 37836), (216, 37845), (221, 37860), (227, 37884), (231, 37899), (243, 37956), (253, 38001), (254, 38004),

Gene: ChickenPhender_89 Start: 37671, Stop: 38378, Start Num: 76
Candidate Starts for ChickenPhender_89:
(Start: 76 @37671 has 288 MA's), (97, 37710), (Start: 107 @37746 has 4 MA's), (Start: 127 @37818 has 1 MA's), (130, 37851), (163, 38022), (188, 38079), (200, 38121), (206, 38139), (211, 38157), (215, 38169), (216, 38178), (221, 38193), (227, 38217), (231, 38232), (243, 38289), (253, 38334), (254, 38337),

Gene: Chilliams_101 Start: 75511, Stop: 76269, Start Num: 62
Candidate Starts for Chilliams_101:
(Start: 62 @75511 has 1 MA's), (96, 75580), (98, 75586), (99, 75595), (142, 75796), (150, 75847), (211, 76045), (214, 76051), (215, 76057), (218, 76075), (226, 76102), (227, 76105), (243, 76180), (248, 76204), (257, 76243),

Gene: Chomp_92 Start: 39918, Stop: 40625, Start Num: 76
Candidate Starts for Chomp_92:
(Start: 76 @39918 has 288 MA's), (97, 39957), (Start: 107 @39993 has 4 MA's), (Start: 127 @40065 has 1 MA's), (130, 40098), (163, 40269), (188, 40326), (200, 40368), (206, 40386), (211, 40404), (215, 40416), (216, 40425), (221, 40440), (227, 40464), (231, 40479), (243, 40536), (253, 40581), (254, 40584),

Gene: Chucky_51 Start: 38650, Stop: 37937, Start Num: 76
Candidate Starts for Chucky_51:
(Start: 76 @38650 has 288 MA's), (Start: 105 @38578 has 1 MA's), (Start: 127 @38491 has 1 MA's), (137, 38428), (139, 38422), (153, 38335), (210, 38167), (215, 38146), (227, 38098), (243, 38026), (246, 38011), (252, 37987), (259, 37948),

Gene: CindyLou_94 Start: 39959, Stop: 40666, Start Num: 76
Candidate Starts for CindyLou_94:
(Start: 76 @39959 has 288 MA's), (97, 39998), (Start: 107 @40034 has 4 MA's), (Start: 127 @40106 has 1 MA's), (130, 40139), (163, 40310), (188, 40367), (200, 40409), (206, 40427), (211, 40445), (215, 40457), (216, 40466), (221, 40481), (227, 40505), (231, 40520), (243, 40577), (253, 40622), (254, 40625),

Gene: Circinus_10 Start: 4300, Stop: 3608, Start Num: 70
Candidate Starts for Circinus_10:
(Start: 70 @4300 has 23 MA's), (99, 4246), (108, 4210), (109, 4201), (129, 4126), (156, 3970), (164, 3931), (209, 3826), (219, 3787), (253, 3634), (255, 3628),

Gene: Cleatunium_88 Start: 39020, Stop: 39727, Start Num: 76
Candidate Starts for Cleatunium_88:
(Start: 76 @39020 has 288 MA's), (97, 39059), (Start: 107 @39095 has 4 MA's), (Start: 127 @39167 has 1 MA's), (130, 39200), (163, 39371), (188, 39428), (200, 39470), (206, 39488), (211, 39506), (215, 39518), (216, 39527), (221, 39542), (227, 39566), (231, 39581), (243, 39638), (253, 39683), (254, 39686),

Gene: ClubL_94 Start: 56617, Stop: 57318, Start Num: 77
Candidate Starts for ClubL_94:
(61, 56587), (71, 56602), (Start: 77 @56617 has 23 MA's), (Start: 92 @56644 has 1 MA's), (99, 56668), (142, 56851), (150, 56902), (152, 56911), (200, 57061), (201, 57064), (203, 57070), (222, 57139), (227, 57157), (244, 57232), (246, 57244), (252, 57268), (253, 57274), (257, 57292),

Gene: Comrade_8 Start: 3065, Stop: 2298, Start Num: 70
Candidate Starts for Comrade_8:
(Start: 60 @3083 has 1 MA's), (Start: 70 @3065 has 23 MA's), (99, 3011), (106, 2990), (129, 2891), (209, 2519), (233, 2426), (255, 2321),

Gene: Conan_53 Start: 38861, Stop: 38253, Start Num: 110
Candidate Starts for Conan_53:
(9, 39224), (10, 39209), (11, 39188), (Start: 110 @38861 has 9 MA's), (Start: 127 @38807 has 1 MA's), (134, 38759), (139, 38738), (193, 38534), (227, 38414), (243, 38342), (244, 38339), (246, 38327), (250, 38312), (252, 38303), (258, 38276),

Gene: Concombre_100 Start: 41871, Stop: 42578, Start Num: 76
Candidate Starts for Concombre_100:
(Start: 76 @41871 has 288 MA's), (97, 41910), (Start: 107 @41946 has 4 MA's), (Start: 127 @42018 has 1 MA's), (130, 42051), (163, 42222), (188, 42279), (200, 42321), (206, 42339), (211, 42357), (215, 42369), (216, 42378), (221, 42393), (227, 42417), (231, 42432), (243, 42489), (253, 42534), (254, 42537),

Gene: Conley_70 Start: 49273, Stop: 49986, Start Num: 72
Candidate Starts for Conley_70:

(Start: 72 @49273 has 77 MA's), (104, 49348), (Start: 110 @49378 has 9 MA's), (Start: 127 @49432 has 1 MA's), (132, 49471), (139, 49501), (142, 49516), (149, 49564), (157, 49609), (158, 49612), (185, 49681), (188, 49687), (200, 49729), (211, 49765), (227, 49825), (229, 49834), (246, 49912), (250, 49927),

Gene: Coogler_25 Start: 12100, Stop: 11357, Start Num: 72
Candidate Starts for Coogler_25:
(Start: 66 @12109 has 1 MA's), (Start: 72 @12100 has 77 MA's), (Start: 79 @12085 has 3 MA's), (99, 12049), (132, 11911), (139, 11881), (156, 11773), (209, 11593), (223, 11539), (235, 11497),

Gene: Count_109 Start: 66535, Stop: 67233, Start Num: 77
Candidate Starts for Count_109:
(Start: 77 @66535 has 23 MA's), (93, 66565), (99, 66586), (Start: 105 @66604 has 1 MA's), (108, 66622), (119, 66655), (Start: 127 @66682 has 1 MA's), (131, 66718), (147, 66796), (163, 66877), (211, 67012), (212, 67015), (216, 67033), (218, 67042), (222, 67054), (227, 67072), (239, 67114), (252, 67183), (257, 67207),

Gene: Creature_50 Start: 39173, Stop: 38451, Start Num: 70
Candidate Starts for Creature_50:
(32, 39287), (Start: 70 @39173 has 23 MA's), (Start: 72 @39170 has 77 MA's), (89, 39143), (91, 39137), (98, 39119), (102, 39101), (103, 39098), (104, 39095), (111, 39056), (Start: 127 @39005 has 1 MA's), (132, 38966), (139, 38936), (144, 38909), (180, 38762), (189, 38747), (200, 38708), (201, 38705), (203, 38699), (210, 38681), (218, 38642), (227, 38612), (229, 38603), (239, 38570), (243, 38540), (244, 38537), (246, 38525), (252, 38501),

Gene: Cross_25 Start: 12110, Stop: 11358, Start Num: 66
Candidate Starts for Cross_25:
(Start: 66 @12110 has 1 MA's), (Start: 72 @12101 has 77 MA's), (Start: 79 @12086 has 3 MA's), (99, 12050), (139, 11882), (156, 11774), (209, 11594), (223, 11540), (235, 11498),

Gene: Cucurbita_93 Start: 58066, Stop: 58770, Start Num: 76
Candidate Starts for Cucurbita_93:
(4, 57460), (Start: 76 @58066 has 288 MA's), (Start: 92 @58096 has 1 MA's), (99, 58120), (142, 58303), (150, 58354), (152, 58363), (161, 58402), (180, 58459), (200, 58513), (222, 58591), (227, 58609), (244, 58684), (246, 58696), (252, 58720), (253, 58726), (257, 58744), (259, 58759),

Gene: Culver_95 Start: 56517, Stop: 57218, Start Num: 77
Candidate Starts for Culver_95:
(61, 56484), (71, 56502), (Start: 77 @56517 has 23 MA's), (Start: 92 @56544 has 1 MA's), (99, 56568), (134, 56715), (142, 56751), (150, 56802), (152, 56811), (161, 56850), (180, 56907), (200, 56961), (222, 57039), (227, 57057), (244, 57132), (246, 57144), (252, 57168), (253, 57174), (257, 57192), (259, 57207),

Gene: Cursive_23 Start: 10918, Stop: 10175, Start Num: 72
Candidate Starts for Cursive_23:
(Start: 66 @10927 has 1 MA's), (Start: 72 @10918 has 77 MA's), (Start: 79 @10903 has 3 MA's), (99, 10867), (139, 10699), (156, 10591), (209, 10411), (223, 10357), (235, 10315),

Gene: DTDevon_94 Start: 39791, Stop: 40498, Start Num: 76
Candidate Starts for DTDevon_94:
(Start: 76 @39791 has 288 MA's), (97, 39830), (Start: 107 @39866 has 4 MA's), (Start: 127 @39938 has 1 MA's), (130, 39971), (163, 40142), (188, 40199), (200, 40241), (206, 40259), (211, 40277), (215, 40289), (216, 40298), (221, 40313), (227, 40337), (231, 40352), (243, 40409), (253, 40454), (254,

40457),

Gene: Daffodil_98 Start: 39624, Stop: 40331, Start Num: 76
Candidate Starts for Daffodil_98:
(Start: 76 @39624 has 288 MA's), (97, 39663), (Start: 107 @39699 has 4 MA's), (Start: 127 @39771 has 1 MA's), (130, 39804), (163, 39975), (188, 40032), (200, 40074), (206, 40092), (211, 40110), (215, 40122), (216, 40131), (221, 40146), (227, 40170), (231, 40185), (243, 40242), (253, 40287), (254, 40290),

Gene: Daisy123_29 Start: 13422, Stop: 12703, Start Num: 72
Candidate Starts for Daisy123_29:
(Start: 50 @13467 has 9 MA's), (Start: 72 @13422 has 77 MA's), (Start: 79 @13407 has 3 MA's), (103, 13359), (132, 13233), (139, 13203), (183, 13005), (223, 12870),

Gene: Damascus_68 Start: 47745, Stop: 48485, Start Num: 60
Candidate Starts for Damascus_68:
(Start: 60 @47745 has 1 MA's), (104, 47847), (Start: 105 @47850 has 1 MA's), (Start: 127 @47928 has 1 MA's), (147, 48042), (150, 48063), (153, 48081), (157, 48102), (160, 48108), (163, 48129), (167, 48141), (181, 48177), (188, 48189), (210, 48255), (218, 48294), (227, 48324), (232, 48345), (239, 48366), (242, 48393), (252, 48435), (257, 48459),

Gene: Dancer_72 Start: 48704, Stop: 49417, Start Num: 72
Candidate Starts for Dancer_72:
(Start: 72 @48704 has 77 MA's), (Start: 92 @48740 has 1 MA's), (104, 48779), (Start: 110 @48809 has 9 MA's), (Start: 127 @48863 has 1 MA's), (131, 48899), (132, 48902), (139, 48932), (142, 48947), (149, 48995), (157, 49040), (169, 49085), (200, 49160), (227, 49256), (229, 49265), (246, 49343),

Gene: Dandelion_100 Start: 42321, Stop: 43028, Start Num: 76
Candidate Starts for Dandelion_100:
(Start: 76 @42321 has 288 MA's), (97, 42360), (Start: 107 @42396 has 4 MA's), (Start: 127 @42468 has 1 MA's), (130, 42501), (163, 42672), (188, 42729), (200, 42771), (206, 42789), (211, 42807), (215, 42819), (216, 42828), (221, 42843), (227, 42867), (231, 42882), (243, 42939), (253, 42984), (254, 42987),

Gene: Danzina_53 Start: 37766, Stop: 37053, Start Num: 76
Candidate Starts for Danzina_53:
(6, 38111), (8, 38057), (Start: 76 @37766 has 288 MA's), (Start: 105 @37694 has 1 MA's), (Start: 127 @37607 has 1 MA's), (132, 37568), (137, 37544), (139, 37538), (153, 37451), (180, 37364), (210, 37283), (215, 37262), (227, 37214), (243, 37142), (246, 37127), (252, 37103),

Gene: Darko_93 Start: 39559, Stop: 40266, Start Num: 76
Candidate Starts for Darko_93:
(Start: 76 @39559 has 288 MA's), (97, 39598), (Start: 107 @39634 has 4 MA's), (Start: 127 @39706 has 1 MA's), (130, 39739), (163, 39910), (188, 39967), (200, 40009), (206, 40027), (211, 40045), (215, 40057), (216, 40066), (221, 40081), (227, 40105), (231, 40120), (243, 40177), (253, 40222), (254, 40225),

Gene: Dattran_53 Start: 37642, Stop: 36926, Start Num: 76
Candidate Starts for Dattran_53:
(5, 37984), (7, 37930), (Start: 76 @37642 has 288 MA's), (Start: 105 @37570 has 1 MA's), (Start: 107 @37564 has 4 MA's), (Start: 127 @37480 has 1 MA's), (139, 37411), (153, 37324), (161, 37294), (188, 37225), (200, 37183), (210, 37156), (211, 37147), (215, 37135), (216, 37126), (227, 37087), (243, 37015), (244, 37012), (246, 37000), (252, 36976), (257, 36952),

Gene: Daubenski_26 Start: 12044, Stop: 11355, Start Num: 72
Candidate Starts for Daubenski_26:
(Start: 72 @12044 has 77 MA's), (99, 11993), (103, 11981), (124, 11906), (139, 11825), (162, 11699), (174, 11651), (195, 11627), (209, 11579), (223, 11525), (250, 11402), (255, 11381),

Gene: Daudau_54 Start: 39437, Stop: 38724, Start Num: 76
Candidate Starts for Daudau_54:
(Start: 76 @39437 has 288 MA's), (150, 39140), (153, 39122), (180, 39035), (188, 39023), (200, 38981), (211, 38945), (215, 38933), (227, 38885), (243, 38813), (246, 38798), (252, 38774), (259, 38735),

Gene: Davielle_23 Start: 11602, Stop: 10868, Start Num: 72
Candidate Starts for Davielle_23:
(Start: 72 @11602 has 77 MA's), (99, 11551), (132, 11413), (139, 11383), (209, 11095), (223, 11041), (235, 10999), (236, 10990), (243, 10948), (248, 10924), (250, 10918),

Gene: DeejaClivia_82 Start: 35477, Stop: 36184, Start Num: 76
Candidate Starts for DeejaClivia_82:
(Start: 76 @35477 has 288 MA's), (97, 35516), (Start: 107 @35552 has 4 MA's), (Start: 127 @35624 has 1 MA's), (130, 35657), (163, 35828), (188, 35885), (200, 35927), (206, 35945), (211, 35963), (215, 35975), (216, 35984), (221, 35999), (227, 36023), (231, 36038), (243, 36095), (253, 36140), (254, 36143),

Gene: Delilah_93 Start: 39625, Stop: 40332, Start Num: 76
Candidate Starts for Delilah_93:
(Start: 76 @39625 has 288 MA's), (97, 39664), (Start: 107 @39700 has 4 MA's), (Start: 127 @39772 has 1 MA's), (130, 39805), (163, 39976), (188, 40033), (200, 40075), (206, 40093), (211, 40111), (215, 40123), (216, 40132), (221, 40147), (227, 40171), (231, 40186), (243, 40243), (253, 40288), (254, 40291),

Gene: DeluluLabubu_8 Start: 2990, Stop: 2301, Start Num: 70
Candidate Starts for DeluluLabubu_8:
(Start: 66 @2996 has 1 MA's), (Start: 70 @2990 has 23 MA's), (99, 2936), (109, 2891), (122, 2852), (126, 2840), (129, 2816), (132, 2798), (144, 2741), (209, 2516), (217, 2483), (223, 2462), (225, 2456), (235, 2420), (241, 2375), (255, 2318),

Gene: Delylah_96 Start: 39418, Stop: 40125, Start Num: 76
Candidate Starts for Delylah_96:
(Start: 76 @39418 has 288 MA's), (97, 39457), (Start: 107 @39493 has 4 MA's), (Start: 127 @39565 has 1 MA's), (130, 39598), (163, 39769), (188, 39826), (200, 39868), (206, 39886), (211, 39904), (215, 39916), (216, 39925), (221, 39940), (227, 39964), (231, 39979), (243, 40036), (253, 40081), (254, 40084),

Gene: Demodog_100 Start: 41871, Stop: 42578, Start Num: 76
Candidate Starts for Demodog_100:
(Start: 76 @41871 has 288 MA's), (97, 41910), (Start: 107 @41946 has 4 MA's), (Start: 127 @42018 has 1 MA's), (130, 42051), (163, 42222), (188, 42279), (200, 42321), (206, 42339), (211, 42357), (215, 42369), (216, 42378), (221, 42393), (227, 42417), (231, 42432), (243, 42489), (253, 42534), (254, 42537),

Gene: Derek_93 Start: 39720, Stop: 40427, Start Num: 76
Candidate Starts for Derek_93:

(Start: 76 @39720 has 288 MA's), (97, 39759), (Start: 107 @39795 has 4 MA's), (Start: 127 @39867 has 1 MA's), (130, 39900), (163, 40071), (188, 40128), (200, 40170), (206, 40188), (211, 40206), (215, 40218), (216, 40227), (221, 40242), (227, 40266), (231, 40281), (243, 40338), (253, 40383), (254, 40386),

Gene: Dessert_94 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Dessert_94:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Dexers_51 Start: 39028, Stop: 38210, Start Num: 30
Candidate Starts for Dexers_51:
(Start: 30 @39028 has 1 MA's), (31, 39022), (Start: 110 @38818 has 9 MA's), (Start: 127 @38764 has 1 MA's), (134, 38716), (139, 38695), (193, 38491), (227, 38371), (234, 38347), (243, 38299), (244, 38296), (246, 38284), (252, 38260),

Gene: Diane_54 Start: 40103, Stop: 39390, Start Num: 76
Candidate Starts for Diane_54:
(1, 40940), (3, 40715), (28, 40211), (Start: 76 @40103 has 288 MA's), (Start: 127 @39944 has 1 MA's), (153, 39788), (180, 39701), (188, 39689), (200, 39647), (210, 39620), (211, 39611), (215, 39599), (227, 39551), (243, 39479), (246, 39464), (252, 39440), (259, 39401),

Gene: Dietrick_85 Start: 37374, Stop: 38081, Start Num: 76
Candidate Starts for Dietrick_85:
(Start: 76 @37374 has 288 MA's), (97, 37413), (Start: 107 @37449 has 4 MA's), (Start: 127 @37521 has 1 MA's), (130, 37554), (163, 37725), (188, 37782), (200, 37824), (206, 37842), (211, 37860), (215, 37872), (216, 37881), (221, 37896), (227, 37920), (231, 37935), (243, 37992), (253, 38037), (254, 38040),

Gene: DirtMonster_86 Start: 38216, Stop: 38923, Start Num: 76
Candidate Starts for DirtMonster_86:
(Start: 76 @38216 has 288 MA's), (97, 38255), (Start: 107 @38291 has 4 MA's), (Start: 127 @38363 has 1 MA's), (130, 38396), (163, 38567), (188, 38624), (200, 38666), (206, 38684), (211, 38702), (215, 38714), (216, 38723), (221, 38738), (227, 38762), (231, 38777), (243, 38834), (253, 38879), (254, 38882),

Gene: DizzyRudy_71 Start: 47190, Stop: 47930, Start Num: 58
Candidate Starts for DizzyRudy_71:
(Start: 58 @47190 has 1 MA's), (104, 47292), (Start: 105 @47295 has 1 MA's), (Start: 127 @47373 has 1 MA's), (135, 47424), (147, 47487), (150, 47508), (153, 47526), (157, 47547), (160, 47553), (163, 47574), (167, 47586), (181, 47622), (188, 47634), (210, 47700), (218, 47739), (227, 47769), (232, 47790), (239, 47811), (242, 47838), (252, 47880), (257, 47904),

Gene: Dodo_140 Start: 87587, Stop: 88345, Start Num: 78
Candidate Starts for Dodo_140:
(Start: 78 @87587 has 3 MA's), (99, 87635), (109, 87677), (132, 87830), (139, 87860), (142, 87875), (144, 87887), (147, 87908), (166, 88001), (188, 88046), (193, 88064), (218, 88154), (244, 88259),

Gene: Domi_87 Start: 38953, Stop: 39660, Start Num: 76
Candidate Starts for Domi_87:

(Start: 76 @38953 has 288 MA's), (97, 38992), (Start: 107 @39028 has 4 MA's), (Start: 127 @39100 has 1 MA's), (130, 39133), (163, 39304), (188, 39361), (200, 39403), (206, 39421), (211, 39439), (215, 39451), (216, 39460), (221, 39475), (227, 39499), (231, 39514), (243, 39571), (253, 39616), (254, 39619),

Gene: Dorin_27 Start: 11739, Stop: 11011, Start Num: 63
Candidate Starts for Dorin_27:
(Start: 63 @11739 has 6 MA's), (67, 11730), (99, 11673), (136, 11514), (138, 11505), (141, 11490), (144, 11475), (148, 11448), (177, 11319), (204, 11265), (208, 11253), (213, 11235),

Gene: DrPhinkDaddy_92 Start: 39680, Stop: 40387, Start Num: 76
Candidate Starts for DrPhinkDaddy_92:
(Start: 76 @39680 has 288 MA's), (97, 39719), (Start: 107 @39755 has 4 MA's), (Start: 127 @39827 has 1 MA's), (130, 39860), (163, 40031), (188, 40088), (200, 40130), (206, 40148), (211, 40166), (215, 40178), (216, 40187), (221, 40202), (227, 40226), (231, 40241), (243, 40298), (253, 40343), (254, 40346),

Gene: Drazdys_93 Start: 39422, Stop: 40129, Start Num: 76
Candidate Starts for Drazdys_93:
(Start: 76 @39422 has 288 MA's), (97, 39461), (Start: 107 @39497 has 4 MA's), (Start: 127 @39569 has 1 MA's), (130, 39602), (163, 39773), (188, 39830), (200, 39872), (206, 39890), (211, 39908), (215, 39920), (216, 39929), (221, 39944), (227, 39968), (231, 39983), (243, 40040), (253, 40085), (254, 40088),

Gene: Duckfeet_84 Start: 37427, Stop: 38134, Start Num: 76
Candidate Starts for Duckfeet_84:
(Start: 76 @37427 has 288 MA's), (97, 37466), (Start: 107 @37502 has 4 MA's), (Start: 127 @37574 has 1 MA's), (130, 37607), (163, 37778), (188, 37835), (200, 37877), (206, 37895), (211, 37913), (215, 37925), (216, 37934), (221, 37949), (227, 37973), (231, 37988), (243, 38045), (253, 38090), (254, 38093),

Gene: DunneganBoMo_91 Start: 78412, Stop: 79212, Start Num: 54
Candidate Starts for DunneganBoMo_91:
(Start: 54 @78412 has 4 MA's), (98, 78502), (99, 78511), (137, 78715), (150, 78787), (168, 78871), (186, 78907), (211, 78988), (218, 79018), (248, 79147),

Gene: Dusty_90 Start: 55931, Stop: 56632, Start Num: 77
Candidate Starts for Dusty_90:
(12, 55721), (14, 55724), (61, 55901), (71, 55916), (Start: 77 @55931 has 23 MA's), (Start: 92 @55958 has 1 MA's), (99, 55982), (142, 56165), (150, 56216), (152, 56225), (161, 56264), (180, 56321), (200, 56375), (222, 56453), (227, 56471), (244, 56546), (246, 56558), (252, 56582), (253, 56588), (259, 56621),

Gene: Dwayne_51 Start: 38638, Stop: 37925, Start Num: 76
Candidate Starts for Dwayne_51:
(22, 38761), (Start: 76 @38638 has 288 MA's), (Start: 105 @38566 has 1 MA's), (Start: 127 @38479 has 1 MA's), (137, 38416), (139, 38410), (153, 38323), (210, 38155), (215, 38134), (227, 38086), (243, 38014), (246, 37999), (252, 37975), (259, 37936),

Gene: EGole_24 Start: 12349, Stop: 11606, Start Num: 72
Candidate Starts for EGole_24:
(51, 12391), (Start: 58 @12373 has 1 MA's), (Start: 72 @12349 has 77 MA's), (99, 12298), (139, 12130), (156, 12022), (209, 11842), (223, 11788), (235, 11746),

Gene: ELB20_54 Start: 39956, Stop: 39249, Start Num: 76
Candidate Starts for ELB20_54:
(Start: 76 @39956 has 288 MA's), (108, 39875), (Start: 127 @39803 has 1 MA's), (139, 39734), (158, 39623), (178, 39563), (188, 39548), (199, 39509), (200, 39506), (211, 39470), (227, 39410), (243, 39338), (246, 39323), (252, 39299), (259, 39260),

Gene: ET08_82 Start: 38396, Stop: 39103, Start Num: 76
Candidate Starts for ET08_82:
(Start: 76 @38396 has 288 MA's), (97, 38435), (Start: 107 @38471 has 4 MA's), (Start: 127 @38543 has 1 MA's), (130, 38576), (163, 38747), (188, 38804), (200, 38846), (206, 38864), (211, 38882), (215, 38894), (216, 38903), (221, 38918), (227, 38942), (231, 38957), (243, 39014), (253, 39059), (254, 39062),

Gene: EasyJones_96 Start: 38730, Stop: 39437, Start Num: 76
Candidate Starts for EasyJones_96:
(Start: 76 @38730 has 288 MA's), (97, 38769), (Start: 107 @38805 has 4 MA's), (Start: 127 @38877 has 1 MA's), (130, 38910), (163, 39081), (188, 39138), (200, 39180), (206, 39198), (211, 39216), (215, 39228), (216, 39237), (221, 39252), (227, 39276), (231, 39291), (243, 39348), (253, 39393), (254, 39396),

Gene: Eddasa_52 Start: 36756, Stop: 36043, Start Num: 76
Candidate Starts for Eddasa_52:
(Start: 76 @36756 has 288 MA's), (Start: 105 @36687 has 1 MA's), (Start: 107 @36681 has 4 MA's), (116, 36636), (Start: 127 @36597 has 1 MA's), (139, 36528), (153, 36441), (191, 36333), (227, 36204), (246, 36117), (252, 36093), (259, 36054),

Gene: EggyFarm_101 Start: 41682, Stop: 42389, Start Num: 76
Candidate Starts for EggyFarm_101:
(Start: 76 @41682 has 288 MA's), (97, 41721), (Start: 107 @41757 has 4 MA's), (Start: 127 @41829 has 1 MA's), (130, 41862), (163, 42033), (188, 42090), (200, 42132), (206, 42150), (211, 42168), (215, 42180), (216, 42189), (221, 42204), (227, 42228), (231, 42243), (243, 42300), (253, 42345), (254, 42348),

Gene: Ejemplo_50 Start: 38576, Stop: 37863, Start Num: 76
Candidate Starts for Ejemplo_50:
(Start: 76 @38576 has 288 MA's), (Start: 105 @38504 has 1 MA's), (Start: 127 @38417 has 1 MA's), (137, 38354), (139, 38348), (153, 38261), (210, 38093), (215, 38072), (227, 38024), (243, 37952), (246, 37937), (252, 37913), (259, 37874),

Gene: ElGato_53 Start: 38765, Stop: 38157, Start Num: 110
Candidate Starts for ElGato_53:
(9, 39128), (10, 39113), (11, 39092), (Start: 110 @38765 has 9 MA's), (Start: 127 @38711 has 1 MA's), (134, 38663), (139, 38642), (193, 38438), (210, 38387), (212, 38375), (227, 38318), (243, 38246), (244, 38243), (246, 38231), (250, 38216), (252, 38207), (258, 38180),

Gene: Eliot67_24 Start: 11776, Stop: 11042, Start Num: 72
Candidate Starts for Eliot67_24:
(Start: 72 @11776 has 77 MA's), (99, 11725), (132, 11587), (139, 11557), (209, 11269), (223, 11215), (235, 11173), (236, 11164), (243, 11122), (248, 11098), (250, 11092),

Gene: Ellewin_90 Start: 77823, Stop: 78623, Start Num: 54
Candidate Starts for Ellewin_90:

(Start: 54 @77823 has 4 MA's), (98, 77913), (99, 77922), (137, 78126), (150, 78198), (168, 78282), (211, 78399), (218, 78429), (248, 78558),

Gene: Elmer_27 Start: 12599, Stop: 11895, Start Num: 81
Candidate Starts for Elmer_27:
(Start: 81 @12599 has 2 MA's), (103, 12536), (124, 12461), (132, 12410), (139, 12380), (209, 12128), (223, 12074), (230, 12044),

Gene: EmToTheThree_96 Start: 41076, Stop: 41783, Start Num: 76
Candidate Starts for EmToTheThree_96:
(Start: 76 @41076 has 288 MA's), (97, 41115), (Start: 107 @41151 has 4 MA's), (Start: 127 @41223 has 1 MA's), (130, 41256), (163, 41427), (188, 41484), (200, 41526), (206, 41544), (211, 41562), (215, 41574), (216, 41583), (221, 41598), (227, 41622), (231, 41637), (243, 41694), (253, 41739), (254, 41742),

Gene: Emaanora_54 Start: 38561, Stop: 37848, Start Num: 76
Candidate Starts for Emaanora_54:
(Start: 76 @38561 has 288 MA's), (Start: 105 @38489 has 1 MA's), (Start: 127 @38402 has 1 MA's), (137, 38339), (139, 38333), (153, 38246), (210, 38078), (215, 38057), (227, 38009), (243, 37937), (246, 37922), (252, 37898), (259, 37859),

Gene: Emma1919_8 Start: 2981, Stop: 2304, Start Num: 75
Candidate Starts for Emma1919_8:
(Start: 59 @3005 has 2 MA's), (Start: 75 @2981 has 5 MA's), (98, 2948), (99, 2939), (103, 2927), (108, 2903), (122, 2855), (126, 2843), (129, 2819), (132, 2801), (144, 2744), (209, 2519), (217, 2486), (223, 2465), (225, 2459), (235, 2423), (241, 2378), (255, 2321),

Gene: EmmaElysia_92 Start: 38197, Stop: 38904, Start Num: 76
Candidate Starts for EmmaElysia_92:
(Start: 76 @38197 has 288 MA's), (97, 38236), (Start: 107 @38272 has 4 MA's), (Start: 127 @38344 has 1 MA's), (130, 38377), (163, 38548), (188, 38605), (200, 38647), (206, 38665), (211, 38683), (215, 38695), (216, 38704), (221, 38719), (227, 38743), (231, 38758), (243, 38815), (253, 38860), (254, 38863),

Gene: Emmetator_94 Start: 78415, Stop: 79167, Start Num: 50
Candidate Starts for Emmetator_94:
(Start: 50 @78415 has 9 MA's), (99, 78514), (124, 78601), (142, 78697), (150, 78748), (240, 79063), (244, 79081), (246, 79093),

Gene: Engineer_93 Start: 57532, Stop: 58236, Start Num: 76
Candidate Starts for Engineer_93:
(4, 56926), (Start: 76 @57532 has 288 MA's), (Start: 92 @57562 has 1 MA's), (99, 57586), (142, 57769), (150, 57820), (152, 57829), (161, 57868), (180, 57925), (200, 57979), (222, 58057), (227, 58075), (244, 58150), (246, 58162), (252, 58186), (253, 58192), (257, 58210), (259, 58225),

Gene: EnochSoames_53 Start: 36552, Stop: 35839, Start Num: 76
Candidate Starts for EnochSoames_53:
(Start: 76 @36552 has 288 MA's), (Start: 105 @36483 has 1 MA's), (Start: 107 @36477 has 4 MA's), (116, 36432), (Start: 127 @36393 has 1 MA's), (139, 36324), (153, 36237), (191, 36129), (210, 36069), (227, 36000), (246, 35913), (252, 35889),

Gene: Enygma_27 Start: 12923, Stop: 12204, Start Num: 72
Candidate Starts for Enygma_27:

(Start: 72 @12923 has 77 MA's), (85, 12905), (99, 12872), (124, 12785), (132, 12734), (139, 12704), (159, 12587), (193, 12479), (207, 12434), (223, 12374),

Gene: Erasmago_133 Start: 84337, Stop: 85038, Start Num: 78
Candidate Starts for Erasmago_133:
(Start: 78 @84337 has 3 MA's), (Start: 127 @84487 has 1 MA's), (161, 84670), (166, 84694), (218, 84847), (254, 84997),

Gene: Erdmann_94 Start: 39625, Stop: 40332, Start Num: 76
Candidate Starts for Erdmann_94:
(Start: 76 @39625 has 288 MA's), (97, 39664), (Start: 107 @39700 has 4 MA's), (Start: 127 @39772 has 1 MA's), (130, 39805), (163, 39976), (188, 40033), (200, 40075), (206, 40093), (211, 40111), (215, 40123), (216, 40132), (221, 40147), (227, 40171), (231, 40186), (243, 40243), (253, 40288), (254, 40291),

Gene: ErnieJ_89 Start: 37652, Stop: 38359, Start Num: 76
Candidate Starts for ErnieJ_89:
(Start: 76 @37652 has 288 MA's), (97, 37691), (Start: 107 @37727 has 4 MA's), (Start: 127 @37799 has 1 MA's), (130, 37832), (163, 38003), (188, 38060), (200, 38102), (206, 38120), (211, 38138), (215, 38150), (216, 38159), (221, 38174), (227, 38198), (231, 38213), (243, 38270), (253, 38315), (254, 38318),

Gene: Esperer_50 Start: 36079, Stop: 35366, Start Num: 76
Candidate Starts for Esperer_50:
(Start: 76 @36079 has 288 MA's), (Start: 105 @36010 has 1 MA's), (Start: 107 @36004 has 4 MA's), (116, 35959), (Start: 127 @35920 has 1 MA's), (139, 35851), (153, 35764), (158, 35740), (191, 35656), (210, 35596), (227, 35527), (246, 35440), (252, 35416),

Gene: Essence_90 Start: 39184, Stop: 39891, Start Num: 76
Candidate Starts for Essence_90:
(Start: 76 @39184 has 288 MA's), (97, 39223), (Start: 107 @39259 has 4 MA's), (Start: 127 @39331 has 1 MA's), (130, 39364), (163, 39535), (188, 39592), (200, 39634), (206, 39652), (211, 39670), (215, 39682), (216, 39691), (221, 39706), (227, 39730), (231, 39745), (243, 39802), (253, 39847), (254, 39850),

Gene: Evy_25 Start: 12205, Stop: 11516, Start Num: 72
Candidate Starts for Evy_25:
(Start: 72 @12205 has 77 MA's), (89, 12187), (99, 12154), (132, 12016), (139, 11986), (144, 11959), (162, 11860), (195, 11788), (209, 11740), (223, 11686), (235, 11644), (243, 11593), (248, 11569),

Gene: Ewok_94 Start: 39252, Stop: 39959, Start Num: 76
Candidate Starts for Ewok_94:
(Start: 76 @39252 has 288 MA's), (97, 39291), (Start: 107 @39327 has 4 MA's), (Start: 127 @39399 has 1 MA's), (130, 39432), (163, 39603), (188, 39660), (200, 39702), (206, 39720), (211, 39738), (215, 39750), (216, 39759), (221, 39774), (227, 39798), (231, 39813), (243, 39870), (253, 39915), (254, 39918),

Gene: Faust_9 Start: 3750, Stop: 3055, Start Num: 70
Candidate Starts for Faust_9:
(Start: 70 @3750 has 23 MA's), (99, 3696), (129, 3576), (184, 3339), (209, 3276), (246, 3114), (255, 3078),

Gene: FiveHead_39 Start: 24578, Stop: 25282, Start Num: 76

Candidate Starts for FiveHead_39:
(Start: 76 @24578 has 288 MA's), (99, 24632), (132, 24767), (168, 24941), (191, 24989), (211, 25058), (232, 25139), (254, 25241), (259, 25271),

Gene: Fixie_85 Start: 37830, Stop: 38537, Start Num: 76
Candidate Starts for Fixie_85:
(Start: 76 @37830 has 288 MA's), (97, 37869), (Start: 107 @37905 has 4 MA's), (Start: 127 @37977 has 1 MA's), (130, 38010), (163, 38181), (188, 38238), (200, 38280), (206, 38298), (211, 38316), (215, 38328), (216, 38337), (221, 38352), (227, 38376), (231, 38391), (243, 38448), (253, 38493), (254, 38496),

Gene: Flabslab_88 Start: 37408, Stop: 38115, Start Num: 76
Candidate Starts for Flabslab_88:
(Start: 76 @37408 has 288 MA's), (97, 37447), (Start: 107 @37483 has 4 MA's), (Start: 127 @37555 has 1 MA's), (130, 37588), (163, 37759), (188, 37816), (200, 37858), (206, 37876), (211, 37894), (215, 37906), (216, 37915), (221, 37930), (227, 37954), (231, 37969), (243, 38026), (253, 38071), (254, 38074),

Gene: FloraSnap32_99 Start: 81586, Stop: 82368, Start Num: 50
Candidate Starts for FloraSnap32_99:
(Start: 50 @81586 has 9 MA's), (98, 81688), (99, 81697), (136, 81871), (150, 81949), (157, 81988), (158, 81991), (180, 82054), (190, 82072), (218, 82174), (226, 82201), (243, 82279), (244, 82282),

Gene: Fludd_93 Start: 38070, Stop: 38777, Start Num: 76
Candidate Starts for Fludd_93:
(Start: 76 @38070 has 288 MA's), (97, 38109), (Start: 107 @38145 has 4 MA's), (Start: 127 @38217 has 1 MA's), (130, 38250), (163, 38421), (188, 38478), (200, 38520), (206, 38538), (211, 38556), (215, 38568), (216, 38577), (221, 38592), (227, 38616), (231, 38631), (243, 38688), (253, 38733), (254, 38736),

Gene: Fongie_91 Start: 39465, Stop: 40172, Start Num: 76
Candidate Starts for Fongie_91:
(Start: 76 @39465 has 288 MA's), (97, 39504), (Start: 107 @39540 has 4 MA's), (Start: 127 @39612 has 1 MA's), (130, 39645), (163, 39816), (188, 39873), (200, 39915), (206, 39933), (211, 39951), (215, 39963), (216, 39972), (221, 39987), (227, 40011), (231, 40026), (243, 40083), (253, 40128), (254, 40131),

Gene: Football_74 Start: 48593, Stop: 49306, Start Num: 72
Candidate Starts for Football_74:
(Start: 72 @48593 has 77 MA's), (104, 48668), (Start: 110 @48698 has 9 MA's), (Start: 127 @48752 has 1 MA's), (132, 48791), (139, 48821), (142, 48836), (149, 48884), (158, 48932), (185, 49001), (188, 49007), (200, 49049), (211, 49085), (227, 49145), (229, 49154), (246, 49232),

Gene: Forrest_10 Start: 3819, Stop: 3046, Start Num: 70
Candidate Starts for Forrest_10:
(Start: 66 @3825 has 1 MA's), (Start: 70 @3819 has 23 MA's), (Start: 95 @3783 has 1 MA's), (99, 3765), (109, 3720), (122, 3681), (126, 3669), (129, 3645), (209, 3273), (255, 3075),

Gene: FortCran_72 Start: 48967, Stop: 49680, Start Num: 72
Candidate Starts for FortCran_72:
(Start: 72 @48967 has 77 MA's), (Start: 92 @49003 has 1 MA's), (104, 49042), (Start: 110 @49072 has 9 MA's), (Start: 127 @49126 has 1 MA's), (131, 49162), (132, 49165), (139, 49195), (142, 49210), (149, 49258), (157, 49303), (169, 49348), (200, 49423), (227, 49519), (229, 49528), (246, 49606),

Gene: Francesca_26 Start: 11861, Stop: 11133, Start Num: 63
Candidate Starts for Francesca_26:
(Start: 63 @11861 has 6 MA's), (67, 11852), (99, 11795), (136, 11636), (138, 11627), (141, 11612), (144, 11597), (148, 11570), (177, 11441), (204, 11387), (208, 11375), (213, 11357),

Gene: Francob_8 Start: 3239, Stop: 2466, Start Num: 70
Candidate Starts for Francob_8:
(Start: 70 @3239 has 23 MA's), (Start: 95 @3203 has 1 MA's), (99, 3185), (109, 3140), (129, 3065), (209, 2693), (248, 2522), (255, 2495),

Gene: FrayBell_99 Start: 41074, Stop: 41781, Start Num: 76
Candidate Starts for FrayBell_99:
(Start: 76 @41074 has 288 MA's), (97, 41113), (Start: 107 @41149 has 4 MA's), (Start: 127 @41221 has 1 MA's), (130, 41254), (163, 41425), (188, 41482), (200, 41524), (206, 41542), (211, 41560), (215, 41572), (216, 41581), (221, 41596), (227, 41620), (231, 41635), (243, 41692), (253, 41737), (254, 41740),

Gene: FreddyDRoo_24 Start: 11776, Stop: 11042, Start Num: 72
Candidate Starts for FreddyDRoo_24:
(Start: 72 @11776 has 77 MA's), (99, 11725), (132, 11587), (139, 11557), (209, 11269), (223, 11215), (235, 11173), (236, 11164), (243, 11122), (248, 11098), (250, 11092),

Gene: FrostedClock_102 Start: 82886, Stop: 83668, Start Num: 50
Candidate Starts for FrostedClock_102:
(Start: 50 @82886 has 9 MA's), (98, 82988), (99, 82997), (150, 83249), (157, 83288), (180, 83354), (190, 83372), (218, 83474), (226, 83501), (243, 83579),

Gene: FudgeTart_93 Start: 38818, Stop: 39525, Start Num: 76
Candidate Starts for FudgeTart_93:
(Start: 76 @38818 has 288 MA's), (97, 38857), (Start: 107 @38893 has 4 MA's), (Start: 127 @38965 has 1 MA's), (130, 38998), (163, 39169), (188, 39226), (200, 39268), (206, 39286), (211, 39304), (215, 39316), (216, 39325), (221, 39340), (227, 39364), (231, 39379), (243, 39436), (253, 39481), (254, 39484),

Gene: Gabriel_95 Start: 38860, Stop: 39567, Start Num: 76
Candidate Starts for Gabriel_95:
(Start: 76 @38860 has 288 MA's), (97, 38899), (Start: 107 @38935 has 4 MA's), (Start: 127 @39007 has 1 MA's), (130, 39040), (163, 39211), (188, 39268), (200, 39310), (206, 39328), (211, 39346), (215, 39358), (216, 39367), (221, 39382), (227, 39406), (231, 39421), (243, 39478), (253, 39523), (254, 39526),

Gene: Gamgam_93 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Gamgam_93:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Geeche_92 Start: 56969, Stop: 57670, Start Num: 77
Candidate Starts for Geeche_92:
(61, 56939), (71, 56954), (Start: 77 @56969 has 23 MA's), (Start: 92 @56996 has 1 MA's), (99, 57020), (142, 57203), (150, 57254), (152, 57263), (161, 57302), (180, 57359), (200, 57413), (222, 57491),

(227, 57509), (244, 57584), (246, 57596), (252, 57620), (253, 57626), (257, 57644), (259, 57659),

Gene: Genie2_30 Start: 13626, Stop: 12934, Start Num: 72
Candidate Starts for Genie2_30:
(13, 13833), (19, 13800), (21, 13797), (25, 13776), (39, 13713), (Start: 72 @13626 has 77 MA's), (89, 13608), (99, 13575), (132, 13437), (139, 13407), (144, 13380), (146, 13365), (209, 13155), (223, 13101),

Gene: Ghost_92 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Ghost_92:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Gibbi_32 Start: 13423, Stop: 12704, Start Num: 72
Candidate Starts for Gibbi_32:
(Start: 50 @13468 has 9 MA's), (Start: 72 @13423 has 77 MA's), (Start: 79 @13408 has 3 MA's), (103, 13360), (132, 13234), (139, 13204), (183, 13006), (223, 12871),

Gene: Gibbles_58 Start: 51349, Stop: 50639, Start Num: 77
Candidate Starts for Gibbles_58:
(46, 51418), (Start: 77 @51349 has 23 MA's), (Start: 92 @51322 has 1 MA's), (108, 51262), (Start: 127 @51190 has 1 MA's), (131, 51154), (142, 51106), (144, 51094), (147, 51076), (150, 51055), (152, 51046), (157, 51016), (175, 50959), (192, 50923), (200, 50896), (201, 50893), (211, 50860), (214, 50854), (222, 50818), (226, 50803), (227, 50800), (231, 50785), (240, 50743), (243, 50728), (244, 50725), (246, 50713), (252, 50689),

Gene: Gilson_8 Start: 3002, Stop: 2301, Start Num: 59
Candidate Starts for Gilson_8:
(Start: 59 @3002 has 2 MA's), (Start: 75 @2978 has 5 MA's), (98, 2945), (99, 2936), (103, 2924), (109, 2891), (126, 2840), (129, 2816), (132, 2798), (144, 2741), (209, 2516), (219, 2477), (223, 2462), (225, 2456), (235, 2420), (241, 2375), (255, 2318),

Gene: GirlDinner_55 Start: 39989, Stop: 39276, Start Num: 76
Candidate Starts for GirlDinner_55:
(28, 40097), (Start: 76 @39989 has 288 MA's), (150, 39692), (153, 39674), (154, 39665), (180, 39587), (188, 39575), (200, 39533), (210, 39506), (211, 39497), (215, 39485), (227, 39437), (243, 39365), (246, 39350), (252, 39326), (259, 39287),

Gene: GlutenPhree_94 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for GlutenPhree_94:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Goby_51 Start: 37541, Stop: 36825, Start Num: 76
Candidate Starts for Goby_51:
(5, 37883), (7, 37829), (Start: 76 @37541 has 288 MA's), (Start: 105 @37469 has 1 MA's), (Start: 107 @37463 has 4 MA's), (Start: 127 @37379 has 1 MA's), (139, 37310), (153, 37223), (161, 37193), (188, 37124), (200, 37082), (210, 37055), (211, 37046), (215, 37034), (216, 37025), (227, 36986), (243, 36914), (244, 36911), (246, 36899), (252, 36875), (257, 36851),

Gene: Godpower_52 Start: 37521, Stop: 36805, Start Num: 76
Candidate Starts for Godpower_52:
(5, 37863), (7, 37809), (Start: 76 @37521 has 288 MA's), (Start: 105 @37449 has 1 MA's), (Start: 107 @37443 has 4 MA's), (Start: 127 @37359 has 1 MA's), (139, 37290), (153, 37203), (161, 37173), (188, 37104), (200, 37062), (210, 37035), (211, 37026), (215, 37014), (216, 37005), (226, 36969), (227, 36966), (243, 36894), (244, 36891), (246, 36879), (252, 36855), (257, 36831),

Gene: GoldenEssence_88 Start: 76481, Stop: 77263, Start Num: 50
Candidate Starts for GoldenEssence_88:
(Start: 50 @76481 has 9 MA's), (98, 76583), (99, 76592), (136, 76766), (150, 76844), (157, 76883), (158, 76886), (180, 76949), (190, 76967), (218, 77069), (226, 77096), (243, 77174), (244, 77177),

Gene: GoldenSnow_98 Start: 41073, Stop: 41780, Start Num: 76
Candidate Starts for GoldenSnow_98:
(Start: 76 @41073 has 288 MA's), (97, 41112), (Start: 107 @41148 has 4 MA's), (Start: 127 @41220 has 1 MA's), (130, 41253), (163, 41424), (188, 41481), (200, 41523), (206, 41541), (211, 41559), (215, 41571), (216, 41580), (221, 41595), (227, 41619), (231, 41634), (243, 41691), (253, 41736), (254, 41739),

Gene: Grasshills_100 Start: 41682, Stop: 42389, Start Num: 76
Candidate Starts for Grasshills_100:
(Start: 76 @41682 has 288 MA's), (97, 41721), (Start: 107 @41757 has 4 MA's), (Start: 127 @41829 has 1 MA's), (130, 41862), (163, 42033), (188, 42090), (200, 42132), (206, 42150), (211, 42168), (215, 42180), (216, 42189), (221, 42204), (227, 42228), (231, 42243), (243, 42300), (253, 42345), (254, 42348),

Gene: Grayson_43 Start: 14785, Stop: 14063, Start Num: 63
Candidate Starts for Grayson_43:
(Start: 63 @14785 has 6 MA's), (136, 14560), (138, 14551), (144, 14521), (170, 14377), (204, 14311), (209, 14296), (217, 14263), (228, 14227), (230, 14212), (243, 14149),

Gene: Greely_94 Start: 40380, Stop: 41087, Start Num: 76
Candidate Starts for Greely_94:
(Start: 76 @40380 has 288 MA's), (90, 40404), (Start: 92 @40407 has 1 MA's), (97, 40419), (Start: 107 @40455 has 4 MA's), (Start: 127 @40527 has 1 MA's), (130, 40560), (133, 40572), (152, 40674), (161, 40713), (163, 40731), (165, 40740), (168, 40749), (178, 40773), (206, 40848), (211, 40866), (216, 40887), (222, 40908), (227, 40926), (253, 41043), (257, 41061), (259, 41076),

Gene: GreenWeasel_57 Start: 40145, Stop: 39441, Start Num: 76
Candidate Starts for GreenWeasel_57:
(Start: 76 @40145 has 288 MA's), (98, 40106), (101, 40091), (Start: 127 @39995 has 1 MA's), (132, 39956), (137, 39932), (139, 39926), (142, 39911), (150, 39857), (152, 39848), (178, 39755), (180, 39752), (199, 39701), (200, 39698), (227, 39602), (243, 39530), (246, 39515), (252, 39491), (257, 39467), (259, 39452),

Gene: Grungle_80 Start: 36012, Stop: 36719, Start Num: 76
Candidate Starts for Grungle_80:
(Start: 76 @36012 has 288 MA's), (97, 36051), (Start: 107 @36087 has 4 MA's), (Start: 127 @36159 has 1 MA's), (130, 36192), (163, 36363), (188, 36420), (200, 36462), (206, 36480), (211, 36498), (215, 36510), (216, 36519), (221, 36534), (227, 36558), (231, 36573), (243, 36630), (253, 36675), (254, 36678),

Gene: Guwapp_92 Start: 38725, Stop: 39432, Start Num: 76
Candidate Starts for Guwapp_92:
(Start: 76 @38725 has 288 MA's), (97, 38764), (Start: 107 @38800 has 4 MA's), (Start: 127 @38872 has 1 MA's), (130, 38905), (163, 39076), (188, 39133), (200, 39175), (206, 39193), (211, 39211), (215, 39223), (216, 39232), (221, 39247), (227, 39271), (231, 39286), (243, 39343), (253, 39388), (254, 39391),

Gene: Haizum_54 Start: 40050, Stop: 39337, Start Num: 76
Candidate Starts for Haizum_54:
(43, 40092), (Start: 76 @40050 has 288 MA's), (Start: 127 @39891 has 1 MA's), (154, 39726), (180, 39648), (188, 39636), (200, 39594), (211, 39558), (215, 39546), (227, 39498), (243, 39426), (246, 39411), (252, 39387), (259, 39348),

Gene: Halldule_86 Start: 37042, Stop: 37749, Start Num: 76
Candidate Starts for Halldule_86:
(Start: 76 @37042 has 288 MA's), (97, 37081), (Start: 107 @37117 has 4 MA's), (Start: 127 @37189 has 1 MA's), (130, 37222), (163, 37393), (188, 37450), (200, 37492), (206, 37510), (211, 37528), (215, 37540), (216, 37549), (221, 37564), (227, 37588), (231, 37603), (243, 37660), (253, 37705), (254, 37708),

Gene: HangryHippo_25 Start: 12100, Stop: 11357, Start Num: 72
Candidate Starts for HangryHippo_25:
(Start: 66 @12109 has 1 MA's), (Start: 72 @12100 has 77 MA's), (Start: 79 @12085 has 3 MA's), (99, 12049), (139, 11881), (156, 11773), (209, 11593), (223, 11539), (235, 11497),

Gene: Hank144_57 Start: 40475, Stop: 39762, Start Num: 76
Candidate Starts for Hank144_57:
(Start: 76 @40475 has 288 MA's), (Start: 92 @40448 has 1 MA's), (Start: 110 @40379 has 9 MA's), (139, 40247), (158, 40136), (210, 39992), (211, 39983), (215, 39971), (227, 39923), (246, 39836), (247, 39830), (252, 39812), (259, 39773),

Gene: Hippo_51 Start: 38624, Stop: 37911, Start Num: 76
Candidate Starts for Hippo_51:
(27, 38732), (Start: 76 @38624 has 288 MA's), (Start: 105 @38552 has 1 MA's), (Start: 127 @38465 has 1 MA's), (137, 38402), (139, 38396), (153, 38309), (210, 38141), (215, 38120), (227, 38072), (243, 38000), (246, 37985), (252, 37961), (259, 37922),

Gene: HyRo_85 Start: 37801, Stop: 38508, Start Num: 76
Candidate Starts for HyRo_85:
(Start: 76 @37801 has 288 MA's), (97, 37840), (Start: 107 @37876 has 4 MA's), (Start: 127 @37948 has 1 MA's), (130, 37981), (163, 38152), (188, 38209), (200, 38251), (206, 38269), (211, 38287), (215, 38299), (216, 38308), (221, 38323), (227, 38347), (231, 38362), (243, 38419), (253, 38464), (254, 38467),

Gene: Hydra_51 Start: 36915, Stop: 36202, Start Num: 76
Candidate Starts for Hydra_51:
(Start: 76 @36915 has 288 MA's), (Start: 105 @36846 has 1 MA's), (Start: 107 @36840 has 4 MA's), (116, 36795), (Start: 127 @36756 has 1 MA's), (139, 36687), (153, 36600), (158, 36576), (191, 36492), (210, 36432), (227, 36363), (246, 36276), (252, 36252),

Gene: I3_99 Start: 39592, Stop: 40299, Start Num: 76
Candidate Starts for I3_99:

(Start: 76 @39592 has 288 MA's), (97, 39631), (Start: 107 @39667 has 4 MA's), (Start: 127 @39739 has 1 MA's), (130, 39772), (163, 39943), (188, 40000), (200, 40042), (206, 40060), (211, 40078), (215, 40090), (216, 40099), (221, 40114), (227, 40138), (231, 40153), (243, 40210), (253, 40255), (254, 40258),

Gene: IchabodCrane_27 Start: 13416, Stop: 12697, Start Num: 72
Candidate Starts for IchabodCrane_27:
(Start: 72 @13416 has 77 MA's), (Start: 79 @13401 has 3 MA's), (103, 13353), (132, 13227), (139, 13197), (183, 12999), (195, 12966), (223, 12864),

Gene: IkeLoa_87 Start: 37990, Stop: 38697, Start Num: 76
Candidate Starts for IkeLoa_87:
(Start: 76 @37990 has 288 MA's), (97, 38029), (Start: 107 @38065 has 4 MA's), (Start: 127 @38137 has 1 MA's), (130, 38170), (163, 38341), (188, 38398), (200, 38440), (206, 38458), (211, 38476), (215, 38488), (216, 38497), (221, 38512), (227, 38536), (231, 38551), (243, 38608), (253, 38653), (254, 38656),

Gene: Indigo_49 Start: 36259, Stop: 35546, Start Num: 76
Candidate Starts for Indigo_49:
(Start: 76 @36259 has 288 MA's), (Start: 105 @36190 has 1 MA's), (Start: 107 @36184 has 4 MA's), (116, 36139), (Start: 127 @36100 has 1 MA's), (139, 36031), (153, 35944), (158, 35920), (191, 35836), (210, 35776), (227, 35707), (246, 35620), (252, 35596),

Gene: InigoMontoya_94 Start: 38591, Stop: 39298, Start Num: 76
Candidate Starts for InigoMontoya_94:
(Start: 76 @38591 has 288 MA's), (97, 38630), (Start: 107 @38666 has 4 MA's), (Start: 127 @38738 has 1 MA's), (130, 38771), (163, 38942), (188, 38999), (200, 39041), (206, 39059), (211, 39077), (215, 39089), (216, 39098), (221, 39113), (227, 39137), (231, 39152), (243, 39209), (253, 39254), (254, 39257),

Gene: InterFolia_102 Start: 42012, Stop: 42719, Start Num: 76
Candidate Starts for InterFolia_102:
(Start: 76 @42012 has 288 MA's), (97, 42051), (Start: 107 @42087 has 4 MA's), (Start: 127 @42159 has 1 MA's), (130, 42192), (163, 42363), (188, 42420), (200, 42462), (206, 42480), (211, 42498), (215, 42510), (216, 42519), (221, 42534), (227, 42558), (231, 42573), (243, 42630), (253, 42675), (254, 42678),

Gene: Iota_87 Start: 38371, Stop: 39078, Start Num: 76
Candidate Starts for Iota_87:
(Start: 76 @38371 has 288 MA's), (97, 38410), (Start: 107 @38446 has 4 MA's), (Start: 127 @38518 has 1 MA's), (130, 38551), (163, 38722), (188, 38779), (200, 38821), (206, 38839), (211, 38857), (215, 38869), (216, 38878), (221, 38893), (227, 38917), (231, 38932), (243, 38989), (253, 39034), (254, 39037),

Gene: Issimir_92 Start: 39568, Stop: 40275, Start Num: 76
Candidate Starts for Issimir_92:
(Start: 76 @39568 has 288 MA's), (97, 39607), (Start: 107 @39643 has 4 MA's), (Start: 127 @39715 has 1 MA's), (130, 39748), (163, 39919), (188, 39976), (200, 40018), (206, 40036), (211, 40054), (215, 40066), (216, 40075), (221, 40090), (227, 40114), (231, 40129), (243, 40186), (253, 40231), (254, 40234),

Gene: Issmi_55 Start: 39979, Stop: 39263, Start Num: 76
Candidate Starts for Issmi_55:

(Start: 76 @39979 has 288 MA's), (98, 39940), (101, 39925), (Start: 105 @39913 has 1 MA's), (Start: 127 @39817 has 1 MA's), (132, 39778), (134, 39769), (150, 39679), (152, 39670), (153, 39661), (193, 39544), (200, 39520), (227, 39424), (243, 39352), (246, 39337), (252, 39313),

Gene: Izajani_93 Start: 39641, Stop: 40348, Start Num: 76
Candidate Starts for Izajani_93:
(Start: 76 @39641 has 288 MA's), (97, 39680), (Start: 107 @39716 has 4 MA's), (Start: 127 @39788 has 1 MA's), (130, 39821), (163, 39992), (188, 40049), (200, 40091), (206, 40109), (211, 40127), (215, 40139), (216, 40148), (221, 40163), (227, 40187), (231, 40202), (243, 40259), (253, 40304), (254, 40307),

Gene: Izzy_52 Start: 36803, Stop: 36090, Start Num: 76
Candidate Starts for Izzy_52:
(Start: 76 @36803 has 288 MA's), (Start: 105 @36734 has 1 MA's), (Start: 107 @36728 has 4 MA's), (116, 36683), (Start: 127 @36644 has 1 MA's), (139, 36575), (153, 36488), (191, 36380), (227, 36251), (246, 36164), (252, 36140), (259, 36101),

Gene: JPickles_91 Start: 37861, Stop: 38568, Start Num: 76
Candidate Starts for JPickles_91:
(Start: 76 @37861 has 288 MA's), (97, 37900), (Start: 107 @37936 has 4 MA's), (Start: 127 @38008 has 1 MA's), (130, 38041), (163, 38212), (188, 38269), (200, 38311), (206, 38329), (211, 38347), (215, 38359), (216, 38368), (221, 38383), (227, 38407), (231, 38422), (243, 38479), (253, 38524), (254, 38527),

Gene: Jada_8 Start: 2990, Stop: 2301, Start Num: 70
Candidate Starts for Jada_8:
(Start: 66 @2996 has 1 MA's), (Start: 70 @2990 has 23 MA's), (99, 2936), (109, 2891), (122, 2852), (126, 2840), (129, 2816), (132, 2798), (144, 2741), (209, 2516), (217, 2483), (223, 2462), (225, 2456), (235, 2420), (241, 2375), (255, 2318),

Gene: Janiyra_95 Start: 38900, Stop: 39607, Start Num: 76
Candidate Starts for Janiyra_95:
(Start: 76 @38900 has 288 MA's), (97, 38939), (Start: 107 @38975 has 4 MA's), (Start: 127 @39047 has 1 MA's), (130, 39080), (163, 39251), (188, 39308), (200, 39350), (206, 39368), (211, 39386), (215, 39398), (216, 39407), (221, 39422), (227, 39446), (231, 39461), (243, 39518), (253, 39563), (254, 39566),

Gene: Janus_56 Start: 40329, Stop: 39616, Start Num: 76
Candidate Starts for Janus_56:
(28, 40437), (Start: 76 @40329 has 288 MA's), (150, 40032), (153, 40014), (154, 40005), (180, 39927), (188, 39915), (200, 39873), (210, 39846), (211, 39837), (215, 39825), (227, 39777), (243, 39705), (246, 39690), (252, 39666), (259, 39627),

Gene: Jash_52 Start: 36756, Stop: 36043, Start Num: 76
Candidate Starts for Jash_52:
(Start: 76 @36756 has 288 MA's), (Start: 105 @36687 has 1 MA's), (Start: 107 @36681 has 4 MA's), (116, 36636), (Start: 127 @36597 has 1 MA's), (139, 36528), (153, 36441), (188, 36342), (191, 36333), (227, 36204), (246, 36117), (252, 36093), (259, 36054),

Gene: JasmineDragon_35 Start: 24496, Stop: 25200, Start Num: 76
Candidate Starts for JasmineDragon_35:
(Start: 76 @24496 has 288 MA's), (97, 24538), (99, 24550), (132, 24685), (211, 24976), (215, 24988), (224, 25024), (232, 25057), (254, 25159),

Gene: Jay2Jay_28 Start: 12395, Stop: 11706, Start Num: 72
Candidate Starts for Jay2Jay_28:
(Start: 72 @12395 has 77 MA's), (Start: 79 @12380 has 3 MA's), (89, 12377), (99, 12344), (132, 12206), (139, 12176), (144, 12149), (162, 12050), (195, 11978), (209, 11930), (223, 11876), (235, 11834), (236, 11825), (243, 11783), (248, 11759),

Gene: JayJay_99 Start: 40929, Stop: 41636, Start Num: 76
Candidate Starts for JayJay_99:
(Start: 76 @40929 has 288 MA's), (97, 40968), (Start: 107 @41004 has 4 MA's), (Start: 127 @41076 has 1 MA's), (130, 41109), (163, 41280), (188, 41337), (200, 41379), (206, 41397), (211, 41415), (215, 41427), (216, 41436), (221, 41451), (227, 41475), (231, 41490), (243, 41547), (253, 41592), (254, 41595),

Gene: Jaygup_93 Start: 39386, Stop: 40093, Start Num: 76
Candidate Starts for Jaygup_93:
(Start: 76 @39386 has 288 MA's), (97, 39425), (Start: 107 @39461 has 4 MA's), (Start: 127 @39533 has 1 MA's), (130, 39566), (163, 39737), (188, 39794), (200, 39836), (206, 39854), (211, 39872), (215, 39884), (216, 39893), (221, 39908), (227, 39932), (231, 39947), (243, 40004), (253, 40049), (254, 40052),

Gene: Jedediah_96 Start: 39886, Stop: 40593, Start Num: 76
Candidate Starts for Jedediah_96:
(Start: 76 @39886 has 288 MA's), (97, 39925), (Start: 107 @39961 has 4 MA's), (Start: 127 @40033 has 1 MA's), (130, 40066), (163, 40237), (188, 40294), (200, 40336), (206, 40354), (211, 40372), (215, 40384), (216, 40393), (221, 40408), (227, 40432), (231, 40447), (243, 40504), (253, 40549), (254, 40552),

Gene: Jemmno_93 Start: 39336, Stop: 40043, Start Num: 76
Candidate Starts for Jemmno_93:
(Start: 76 @39336 has 288 MA's), (97, 39375), (Start: 107 @39411 has 4 MA's), (Start: 127 @39483 has 1 MA's), (130, 39516), (163, 39687), (188, 39744), (200, 39786), (206, 39804), (211, 39822), (215, 39834), (216, 39843), (221, 39858), (227, 39882), (231, 39897), (243, 39954), (253, 39999), (254, 40002),

Gene: Jessibeth14_92 Start: 39410, Stop: 40117, Start Num: 76
Candidate Starts for Jessibeth14_92:
(Start: 76 @39410 has 288 MA's), (97, 39449), (Start: 107 @39485 has 4 MA's), (Start: 127 @39557 has 1 MA's), (130, 39590), (163, 39761), (188, 39818), (200, 39860), (206, 39878), (211, 39896), (215, 39908), (216, 39917), (221, 39932), (227, 39956), (231, 39971), (243, 40028), (253, 40073), (254, 40076),

Gene: Jevington_53 Start: 38402, Stop: 37689, Start Num: 76
Candidate Starts for Jevington_53:
(Start: 76 @38402 has 288 MA's), (Start: 92 @38375 has 1 MA's), (108, 38315), (115, 38285), (Start: 127 @38243 has 1 MA's), (139, 38174), (153, 38087), (192, 37973), (200, 37946), (210, 37919), (211, 37910), (227, 37850), (246, 37763), (252, 37739),

Gene: Jezreel_93 Start: 39324, Stop: 40031, Start Num: 76
Candidate Starts for Jezreel_93:
(Start: 76 @39324 has 288 MA's), (97, 39363), (Start: 107 @39399 has 4 MA's), (Start: 127 @39471 has 1 MA's), (130, 39504), (163, 39675), (188, 39732), (200, 39774), (206, 39792), (211, 39810), (215, 39822), (216, 39831), (221, 39846), (227, 39870), (231, 39885), (243, 39942), (253, 39987), (254,

39990),

Gene: Jhitchelle_51 Start: 38686, Stop: 38078, Start Num: 110
Candidate Starts for Jhitchelle_51:
(9, 39049), (10, 39034), (26, 38929), (Start: 110 @38686 has 9 MA's), (Start: 127 @38632 has 1 MA's), (139, 38563), (193, 38359), (210, 38308), (212, 38296), (227, 38239), (243, 38167), (246, 38152), (252, 38128), (258, 38101), (259, 38089),

Gene: JigglyPuff_99 Start: 41185, Stop: 41892, Start Num: 76
Candidate Starts for JigglyPuff_99:
(Start: 76 @41185 has 288 MA's), (97, 41224), (Start: 107 @41260 has 4 MA's), (Start: 127 @41332 has 1 MA's), (130, 41365), (163, 41536), (188, 41593), (200, 41635), (206, 41653), (211, 41671), (215, 41683), (216, 41692), (221, 41707), (227, 41731), (231, 41746), (243, 41803), (253, 41848), (254, 41851),

Gene: JimJam_30 Start: 13751, Stop: 13032, Start Num: 72
Candidate Starts for JimJam_30:
(Start: 50 @13796 has 9 MA's), (Start: 72 @13751 has 77 MA's), (Start: 79 @13736 has 3 MA's), (103, 13688), (132, 13562), (139, 13532), (183, 13334), (223, 13199),

Gene: JohnThicc_35 Start: 24578, Stop: 25282, Start Num: 76
Candidate Starts for JohnThicc_35:
(Start: 76 @24578 has 288 MA's), (99, 24632), (132, 24767), (168, 24941), (191, 24989), (211, 25058), (232, 25139), (254, 25241), (259, 25271),

Gene: Jollison_29 Start: 13769, Stop: 13050, Start Num: 72
Candidate Starts for Jollison_29:
(Start: 50 @13814 has 9 MA's), (Start: 72 @13769 has 77 MA's), (Start: 79 @13754 has 3 MA's), (103, 13706), (132, 13580), (139, 13550), (183, 13352), (223, 13217),

Gene: JulietS_86 Start: 36893, Stop: 37600, Start Num: 76
Candidate Starts for JulietS_86:
(Start: 76 @36893 has 288 MA's), (97, 36932), (Start: 107 @36968 has 4 MA's), (Start: 127 @37040 has 1 MA's), (130, 37073), (163, 37244), (188, 37301), (200, 37343), (206, 37361), (211, 37379), (215, 37391), (216, 37400), (221, 37415), (227, 37439), (231, 37454), (243, 37511), (253, 37556), (254, 37559),

Gene: JustHall_89 Start: 38538, Stop: 39245, Start Num: 76
Candidate Starts for JustHall_89:
(Start: 76 @38538 has 288 MA's), (97, 38577), (Start: 107 @38613 has 4 MA's), (Start: 127 @38685 has 1 MA's), (130, 38718), (163, 38889), (188, 38946), (200, 38988), (206, 39006), (211, 39024), (215, 39036), (216, 39045), (221, 39060), (227, 39084), (231, 39099), (243, 39156), (253, 39201), (254, 39204),

Gene: KSunshine22_96 Start: 79472, Stop: 80224, Start Num: 50
Candidate Starts for KSunshine22_96:
(Start: 50 @79472 has 9 MA's), (99, 79571), (124, 79658), (142, 79754), (150, 79805), (240, 80120), (244, 80138), (246, 80150),

Gene: Kaine_53 Start: 39053, Stop: 38445, Start Num: 110
Candidate Starts for Kaine_53:
(9, 39416), (10, 39401), (11, 39380), (Start: 110 @39053 has 9 MA's), (Start: 127 @38999 has 1 MA's), (139, 38930), (193, 38726), (212, 38663), (227, 38606), (243, 38534), (246, 38519), (252, 38495),

(258, 38468),

Gene: Kampe_60 Start: 51327, Stop: 50617, Start Num: 77
Candidate Starts for Kampe_60:
(Start: 77 @51327 has 23 MA's), (Start: 92 @51300 has 1 MA's), (99, 51276), (104, 51261), (Start: 127 @51168 has 1 MA's), (140, 51096), (144, 51072), (147, 51054), (150, 51033), (157, 50994), (200, 50874), (211, 50838), (214, 50832), (222, 50796), (227, 50778), (246, 50691), (252, 50667),

Gene: Kamryn_93 Start: 40149, Stop: 40856, Start Num: 76
Candidate Starts for Kamryn_93:
(Start: 76 @40149 has 288 MA's), (97, 40188), (Start: 107 @40224 has 4 MA's), (Start: 127 @40296 has 1 MA's), (130, 40329), (163, 40500), (188, 40557), (200, 40599), (206, 40617), (211, 40635), (215, 40647), (216, 40656), (221, 40671), (227, 40695), (231, 40710), (243, 40767), (253, 40812), (254, 40815),

Gene: Karimac_29 Start: 13819, Stop: 13100, Start Num: 72
Candidate Starts for Karimac_29:
(Start: 72 @13819 has 77 MA's), (Start: 79 @13804 has 3 MA's), (103, 13756), (132, 13630), (139, 13600), (183, 13402), (195, 13369), (223, 13267),

Gene: Karp_8 Start: 3065, Stop: 2298, Start Num: 70
Candidate Starts for Karp_8:
(Start: 60 @3083 has 1 MA's), (Start: 70 @3065 has 23 MA's), (99, 3011), (106, 2990), (129, 2891), (209, 2519), (233, 2426), (255, 2321),

Gene: Katalie_51 Start: 38755, Stop: 38042, Start Num: 77
Candidate Starts for Katalie_51:
(5, 39133), (Start: 77 @38755 has 23 MA's), (Start: 105 @38686 has 1 MA's), (Start: 127 @38596 has 1 MA's), (139, 38527), (153, 38440), (178, 38356), (195, 38320), (210, 38272), (211, 38263), (215, 38251), (227, 38203), (246, 38116), (252, 38092),

Gene: Kboogie_96 Start: 38182, Stop: 38889, Start Num: 76
Candidate Starts for Kboogie_96:
(Start: 76 @38182 has 288 MA's), (97, 38221), (Start: 107 @38257 has 4 MA's), (Start: 127 @38329 has 1 MA's), (130, 38362), (163, 38533), (188, 38590), (200, 38632), (206, 38650), (211, 38668), (215, 38680), (216, 38689), (221, 38704), (227, 38728), (231, 38743), (243, 38800), (253, 38845), (254, 38848),

Gene: Kenrey_8 Start: 3063, Stop: 2290, Start Num: 59
Candidate Starts for Kenrey_8:
(Start: 59 @3063 has 2 MA's), (Start: 75 @3039 has 5 MA's), (98, 3006), (99, 2997), (103, 2985), (108, 2961), (109, 2952), (126, 2901), (144, 2802), (209, 2505), (219, 2466), (223, 2451), (225, 2445), (235, 2409), (241, 2364), (255, 2307),

Gene: KentuckyRacer_30 Start: 13564, Stop: 12845, Start Num: 72
Candidate Starts for KentuckyRacer_30:
(Start: 50 @13609 has 9 MA's), (Start: 72 @13564 has 77 MA's), (Start: 79 @13549 has 3 MA's), (103, 13501), (132, 13375), (139, 13345), (183, 13147), (223, 13012),

Gene: Khaleesi_92 Start: 39372, Stop: 40079, Start Num: 76
Candidate Starts for Khaleesi_92:
(Start: 76 @39372 has 288 MA's), (97, 39411), (Start: 107 @39447 has 4 MA's), (Start: 127 @39519 has 1 MA's), (130, 39552), (163, 39723), (188, 39780), (200, 39822), (206, 39840), (211, 39858), (215,

39870), (216, 39879), (221, 39894), (227, 39918), (231, 39933), (243, 39990), (253, 40035), (254, 40038),

Gene: KimJongPhill_49 Start: 39401, Stop: 38634, Start Num: 45
Candidate Starts for KimJongPhill_49:
(Start: 45 @39401 has 1 MA's), (Start: 50 @39386 has 9 MA's), (52, 39380), (82, 39326), (88, 39323), (94, 39308), (101, 39284), (117, 39227), (Start: 127 @39191 has 1 MA's), (132, 39152), (137, 39128), (139, 39122), (144, 39095), (154, 39026), (180, 38948), (189, 38933), (191, 38927), (200, 38894), (201, 38891), (203, 38885), (210, 38867), (214, 38852), (218, 38828), (227, 38798), (244, 38720), (246, 38708), (252, 38684),

Gene: Koguma_89 Start: 37113, Stop: 37820, Start Num: 76
Candidate Starts for Koguma_89:
(Start: 76 @37113 has 288 MA's), (97, 37152), (Start: 107 @37188 has 4 MA's), (Start: 127 @37260 has 1 MA's), (130, 37293), (163, 37464), (188, 37521), (200, 37563), (206, 37581), (211, 37599), (215, 37611), (216, 37620), (221, 37635), (227, 37659), (231, 37674), (243, 37731), (253, 37776), (254, 37779),

Gene: LRRHood_87 Start: 38932, Stop: 39639, Start Num: 76
Candidate Starts for LRRHood_87:
(Start: 76 @38932 has 288 MA's), (97, 38971), (Start: 107 @39007 has 4 MA's), (Start: 127 @39079 has 1 MA's), (130, 39112), (163, 39283), (188, 39340), (200, 39382), (206, 39400), (211, 39418), (215, 39430), (216, 39439), (221, 39454), (227, 39478), (231, 39493), (243, 39550), (253, 39595), (254, 39598),

Gene: Labradorite_95 Start: 38709, Stop: 39416, Start Num: 76
Candidate Starts for Labradorite_95:
(Start: 76 @38709 has 288 MA's), (97, 38748), (Start: 107 @38784 has 4 MA's), (Start: 127 @38856 has 1 MA's), (130, 38889), (163, 39060), (188, 39117), (200, 39159), (206, 39177), (211, 39195), (215, 39207), (216, 39216), (221, 39231), (227, 39255), (231, 39270), (243, 39327), (253, 39372), (254, 39375),

Gene: LadyAstra_35 Start: 24518, Stop: 25222, Start Num: 76
Candidate Starts for LadyAstra_35:
(Start: 76 @24518 has 288 MA's), (99, 24572), (132, 24707), (211, 24998), (232, 25079), (254, 25181), (259, 25211),

Gene: Lannister_52 Start: 37489, Stop: 36773, Start Num: 76
Candidate Starts for Lannister_52:
(Start: 76 @37489 has 288 MA's), (Start: 92 @37459 has 1 MA's), (Start: 95 @37453 has 1 MA's), (Start: 105 @37417 has 1 MA's), (Start: 107 @37411 has 4 MA's), (Start: 127 @37327 has 1 MA's), (139, 37258), (153, 37171), (191, 37063), (210, 37003), (215, 36982), (227, 36934), (243, 36862), (246, 36847), (252, 36823),

Gene: Larnav_25 Start: 12059, Stop: 11358, Start Num: 72
Candidate Starts for Larnav_25:
(Start: 66 @12068 has 1 MA's), (Start: 72 @12059 has 77 MA's), (Start: 79 @12044 has 3 MA's), (99, 12008), (132, 11870), (139, 11840), (162, 11714), (195, 11642), (209, 11594), (223, 11540), (235, 11498),

Gene: Latch_93 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Latch_93:

(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Laure_106 Start: 75425, Stop: 76186, Start Num: 61
Candidate Starts for Laure_106:
(61, 75425), (Start: 76 @75455 has 288 MA's), (96, 75497), (98, 75503), (99, 75512), (150, 75764), (161, 75815), (189, 75887), (191, 75893), (211, 75962), (218, 75992), (226, 76019), (243, 76097), (248, 76121), (257, 76160),

Gene: Legacy_49 Start: 36358, Stop: 35645, Start Num: 76
Candidate Starts for Legacy_49:
(Start: 76 @36358 has 288 MA's), (Start: 105 @36289 has 1 MA's), (Start: 107 @36283 has 4 MA's), (116, 36238), (Start: 127 @36199 has 1 MA's), (139, 36130), (153, 36043), (158, 36019), (191, 35935), (210, 35875), (227, 35806), (246, 35719), (252, 35695),

Gene: Leo04_25 Start: 12099, Stop: 11356, Start Num: 72
Candidate Starts for Leo04_25:
(Start: 66 @12108 has 1 MA's), (Start: 72 @12099 has 77 MA's), (Start: 79 @12084 has 3 MA's), (99, 12048), (139, 11880), (156, 11772), (209, 11592), (223, 11538), (235, 11496),

Gene: LeoJr_101 Start: 82758, Stop: 83531, Start Num: 69
Candidate Starts for LeoJr_101:
(Start: 47 @82710 has 1 MA's), (69, 82758), (99, 82830), (137, 83034), (142, 83055), (150, 83106), (211, 83307), (218, 83337), (222, 83349), (238, 83409),

Gene: Lethe_92 Start: 39820, Stop: 40527, Start Num: 76
Candidate Starts for Lethe_92:
(Start: 76 @39820 has 288 MA's), (97, 39859), (Start: 107 @39895 has 4 MA's), (Start: 127 @39967 has 1 MA's), (130, 40000), (163, 40171), (188, 40228), (200, 40270), (206, 40288), (211, 40306), (215, 40318), (216, 40327), (221, 40342), (227, 40366), (231, 40381), (243, 40438), (253, 40483), (254, 40486),

Gene: Leviticus_50 Start: 36266, Stop: 35553, Start Num: 76
Candidate Starts for Leviticus_50:
(Start: 76 @36266 has 288 MA's), (Start: 105 @36197 has 1 MA's), (Start: 107 @36191 has 4 MA's), (116, 36146), (Start: 127 @36107 has 1 MA's), (139, 36038), (153, 35951), (158, 35927), (191, 35843), (210, 35783), (227, 35714), (246, 35627), (252, 35603),

Gene: Liandry_24 Start: 11775, Stop: 11041, Start Num: 72
Candidate Starts for Liandry_24:
(Start: 72 @11775 has 77 MA's), (99, 11724), (132, 11586), (139, 11556), (209, 11268), (223, 11214), (235, 11172), (236, 11163), (243, 11121), (248, 11097), (250, 11091),

Gene: LifeSavor_92 Start: 39151, Stop: 39858, Start Num: 76
Candidate Starts for LifeSavor_92:
(Start: 76 @39151 has 288 MA's), (97, 39190), (Start: 107 @39226 has 4 MA's), (Start: 127 @39298 has 1 MA's), (130, 39331), (163, 39502), (188, 39559), (200, 39601), (206, 39619), (211, 39637), (215, 39649), (216, 39658), (221, 39673), (227, 39697), (231, 39712), (243, 39769), (253, 39814), (254, 39817),

Gene: Lika_50 Start: 37524, Stop: 36808, Start Num: 76

Candidate Starts for Lika_50:
(5, 37866), (7, 37812), (Start: 76 @37524 has 288 MA's), (Start: 105 @37452 has 1 MA's), (Start: 107 @37446 has 4 MA's), (Start: 127 @37362 has 1 MA's), (139, 37293), (153, 37206), (161, 37176), (188, 37107), (200, 37065), (210, 37038), (211, 37029), (215, 37017), (216, 37008), (227, 36969), (243, 36897), (244, 36894), (246, 36882), (252, 36858), (257, 36834),

Gene: LilJank_108 Start: 62987, Stop: 63691, Start Num: 77
Candidate Starts for LilJank_108:
(49, 62924), (Start: 77 @62987 has 23 MA's), (Start: 92 @63014 has 1 MA's), (99, 63038), (108, 63074), (Start: 110 @63083 has 9 MA's), (126, 63137), (139, 63209), (142, 63224), (152, 63284), (154, 63302), (185, 63386), (200, 63434), (211, 63470), (212, 63473), (214, 63476), (222, 63512), (227, 63530), (243, 63602), (246, 63617), (253, 63647),

Gene: LilMartin_25 Start: 12241, Stop: 11549, Start Num: 72
Candidate Starts for LilMartin_25:
(Start: 72 @12241 has 77 MA's), (99, 12190), (132, 12052), (139, 12022), (179, 11833), (196, 11815), (223, 11716), (235, 11674), (248, 11599),

Gene: LilSaint_26 Start: 12051, Stop: 11365, Start Num: 72
Candidate Starts for LilSaint_26:
(Start: 72 @12051 has 77 MA's), (99, 12000), (132, 11862), (139, 11832), (153, 11748), (209, 11586), (223, 11532), (235, 11490), (248, 11415),

Gene: Limpid_8 Start: 3077, Stop: 2382, Start Num: 70
Candidate Starts for Limpid_8:
(Start: 70 @3077 has 23 MA's), (99, 3023), (129, 2903), (209, 2603), (236, 2498), (253, 2411), (255, 2405),

Gene: LinStu_93 Start: 39996, Stop: 40703, Start Num: 76
Candidate Starts for LinStu_93:
(Start: 76 @39996 has 288 MA's), (97, 40035), (Start: 107 @40071 has 4 MA's), (Start: 127 @40143 has 1 MA's), (130, 40176), (163, 40347), (188, 40404), (200, 40446), (206, 40464), (211, 40482), (215, 40494), (216, 40503), (221, 40518), (227, 40542), (231, 40557), (243, 40614), (253, 40659), (254, 40662),

Gene: Littleton_93 Start: 38585, Stop: 39292, Start Num: 76
Candidate Starts for Littleton_93:
(Start: 76 @38585 has 288 MA's), (97, 38624), (Start: 107 @38660 has 4 MA's), (Start: 127 @38732 has 1 MA's), (130, 38765), (163, 38936), (188, 38993), (200, 39035), (206, 39053), (211, 39071), (215, 39083), (216, 39092), (221, 39107), (227, 39131), (231, 39146), (243, 39203), (253, 39248), (254, 39251),

Gene: Loanshark_93 Start: 39625, Stop: 40332, Start Num: 76
Candidate Starts for Loanshark_93:
(Start: 76 @39625 has 288 MA's), (97, 39664), (Start: 107 @39700 has 4 MA's), (Start: 127 @39772 has 1 MA's), (130, 39805), (163, 39976), (188, 40033), (200, 40075), (206, 40093), (211, 40111), (215, 40123), (216, 40132), (221, 40147), (227, 40171), (231, 40186), (243, 40243), (253, 40288), (254, 40291),

Gene: LolaVinca_95 Start: 40731, Stop: 41438, Start Num: 76
Candidate Starts for LolaVinca_95:
(Start: 76 @40731 has 288 MA's), (97, 40770), (Start: 107 @40806 has 4 MA's), (Start: 127 @40878 has 1 MA's), (130, 40911), (163, 41082), (188, 41139), (200, 41181), (206, 41199), (211, 41217), (215,

41229), (216, 41238), (221, 41253), (227, 41277), (231, 41292), (243, 41349), (253, 41394), (254, 41397),

Gene: Loofah_57 Start: 40142, Stop: 39435, Start Num: 76
Candidate Starts for Loofah_57:
(Start: 76 @40142 has 288 MA's), (Start: 127 @39989 has 1 MA's), (132, 39950), (139, 39920), (180, 39746), (191, 39725), (200, 39692), (210, 39665), (211, 39656), (227, 39596), (243, 39524), (246, 39509), (252, 39485),

Gene: LookingGlass_94 Start: 39734, Stop: 40441, Start Num: 76
Candidate Starts for LookingGlass_94:
(Start: 76 @39734 has 288 MA's), (97, 39773), (Start: 107 @39809 has 4 MA's), (Start: 127 @39881 has 1 MA's), (130, 39914), (163, 40085), (188, 40142), (200, 40184), (206, 40202), (211, 40220), (215, 40232), (216, 40241), (221, 40256), (227, 40280), (231, 40295), (243, 40352), (253, 40397), (254, 40400),

Gene: LordLeafolot_99 Start: 41722, Stop: 42429, Start Num: 76
Candidate Starts for LordLeafolot_99:
(Start: 76 @41722 has 288 MA's), (97, 41761), (Start: 107 @41797 has 4 MA's), (Start: 127 @41869 has 1 MA's), (130, 41902), (163, 42073), (188, 42130), (200, 42172), (206, 42190), (211, 42208), (215, 42220), (216, 42229), (221, 42244), (227, 42268), (231, 42283), (243, 42340), (253, 42385), (254, 42388),

Gene: Lorelei_52 Start: 37546, Stop: 36833, Start Num: 76
Candidate Starts for Lorelei_52:
(Start: 76 @37546 has 288 MA's), (100, 37489), (Start: 105 @37474 has 1 MA's), (Start: 127 @37387 has 1 MA's), (132, 37348), (135, 37336), (137, 37324), (139, 37318), (153, 37231), (158, 37207), (180, 37144), (210, 37063), (215, 37042), (227, 36994), (243, 36922), (246, 36907), (252, 36883),

Gene: Lozinak_92 Start: 57370, Stop: 58074, Start Num: 76
Candidate Starts for Lozinak_92:
(4, 56764), (Start: 76 @57370 has 288 MA's), (Start: 92 @57400 has 1 MA's), (99, 57424), (142, 57607), (150, 57658), (152, 57667), (161, 57706), (180, 57763), (200, 57817), (222, 57895), (227, 57913), (244, 57988), (246, 58000), (252, 58024), (253, 58030), (257, 58048), (259, 58063),

Gene: LukeCage_29 Start: 13501, Stop: 12788, Start Num: 72
Candidate Starts for LukeCage_29:
(Start: 72 @13501 has 77 MA's), (103, 13417), (132, 13291), (139, 13261), (144, 13234), (209, 13009), (223, 12955),

Gene: Lululemon_24 Start: 11480, Stop: 10737, Start Num: 72
Candidate Starts for Lululemon_24:
(Start: 66 @11489 has 1 MA's), (Start: 72 @11480 has 77 MA's), (Start: 79 @11465 has 3 MA's), (99, 11429), (139, 11261), (156, 11153), (209, 10973), (223, 10919), (235, 10877),

Gene: Lunareta_90 Start: 40250, Stop: 40957, Start Num: 76
Candidate Starts for Lunareta_90:
(Start: 76 @40250 has 288 MA's), (97, 40289), (Start: 107 @40325 has 4 MA's), (Start: 127 @40397 has 1 MA's), (130, 40430), (163, 40601), (188, 40658), (200, 40700), (206, 40718), (211, 40736), (215, 40748), (216, 40757), (221, 40772), (227, 40796), (231, 40811), (243, 40868), (253, 40913), (254, 40916),

Gene: Maby2021_93 Start: 39306, Stop: 40013, Start Num: 76

Candidate Starts for Maby2021_93:
(Start: 76 @39306 has 288 MA's), (97, 39345), (Start: 107 @39381 has 4 MA's), (Start: 127 @39453 has 1 MA's), (130, 39486), (163, 39657), (188, 39714), (200, 39756), (206, 39774), (211, 39792), (215, 39804), (216, 39813), (221, 39828), (227, 39852), (231, 39867), (243, 39924), (253, 39969), (254, 39972),

Gene: Maguvora_99 Start: 41082, Stop: 41789, Start Num: 76
Candidate Starts for Maguvora_99:
(Start: 76 @41082 has 288 MA's), (97, 41121), (Start: 107 @41157 has 4 MA's), (Start: 127 @41229 has 1 MA's), (130, 41262), (163, 41433), (188, 41490), (200, 41532), (206, 41550), (211, 41568), (215, 41580), (216, 41589), (221, 41604), (227, 41628), (231, 41643), (243, 41700), (253, 41745), (254, 41748),

Gene: Maneekul_51 Start: 38654, Stop: 37941, Start Num: 76
Candidate Starts for Maneekul_51:
(Start: 76 @38654 has 288 MA's), (Start: 105 @38582 has 1 MA's), (Start: 127 @38495 has 1 MA's), (137, 38432), (139, 38426), (153, 38339), (210, 38171), (215, 38150), (227, 38102), (243, 38030), (246, 38015), (252, 37991), (259, 37952),

Gene: Mangeria_93 Start: 39587, Stop: 40294, Start Num: 76
Candidate Starts for Mangeria_93:
(Start: 76 @39587 has 288 MA's), (97, 39626), (Start: 107 @39662 has 4 MA's), (Start: 127 @39734 has 1 MA's), (130, 39767), (163, 39938), (188, 39995), (200, 40037), (206, 40055), (211, 40073), (215, 40085), (216, 40094), (221, 40109), (227, 40133), (231, 40148), (243, 40205), (253, 40250), (254, 40253),

Gene: Marav_55 Start: 38899, Stop: 38186, Start Num: 76
Candidate Starts for Marav_55:
(Start: 76 @38899 has 288 MA's), (115, 38782), (Start: 127 @38740 has 1 MA's), (139, 38671), (142, 38656), (153, 38584), (192, 38470), (200, 38443), (210, 38416), (211, 38407), (227, 38347), (237, 38314), (243, 38275), (246, 38260), (252, 38236),

Gene: Marsus_25 Start: 12088, Stop: 11396, Start Num: 72
Candidate Starts for Marsus_25:
(Start: 72 @12088 has 77 MA's), (99, 12037), (139, 11869), (179, 11680), (196, 11662), (202, 11638), (223, 11563), (235, 11521), (248, 11446),

Gene: Matsumoto_92 Start: 39350, Stop: 40057, Start Num: 76
Candidate Starts for Matsumoto_92:
(Start: 76 @39350 has 288 MA's), (97, 39389), (Start: 107 @39425 has 4 MA's), (Start: 127 @39497 has 1 MA's), (130, 39530), (163, 39701), (188, 39758), (200, 39800), (206, 39818), (211, 39836), (215, 39848), (216, 39857), (221, 39872), (227, 39896), (231, 39911), (243, 39968), (253, 40013), (254, 40016),

Gene: Maturis_91 Start: 39746, Stop: 40453, Start Num: 76
Candidate Starts for Maturis_91:
(Start: 76 @39746 has 288 MA's), (97, 39785), (Start: 107 @39821 has 4 MA's), (Start: 127 @39893 has 1 MA's), (130, 39926), (163, 40097), (188, 40154), (200, 40196), (206, 40214), (211, 40232), (215, 40244), (216, 40253), (221, 40268), (227, 40292), (231, 40307), (243, 40364), (253, 40409), (254, 40412),

Gene: Maupel_8 Start: 2978, Stop: 2301, Start Num: 75
Candidate Starts for Maupel_8:

(Start: 59 @3002 has 2 MA's), (Start: 75 @2978 has 5 MA's), (98, 2945), (99, 2936), (103, 2924), (109, 2891), (126, 2840), (129, 2816), (132, 2798), (144, 2741), (209, 2516), (219, 2477), (223, 2462), (225, 2456), (235, 2420), (241, 2375), (255, 2318),

Gene: McGee_94 Start: 37814, Stop: 38521, Start Num: 76
Candidate Starts for McGee_94:
(Start: 76 @37814 has 288 MA's), (97, 37853), (Start: 107 @37889 has 4 MA's), (Start: 127 @37961 has 1 MA's), (130, 37994), (163, 38165), (188, 38222), (200, 38264), (206, 38282), (211, 38300), (215, 38312), (216, 38321), (221, 38336), (227, 38360), (231, 38375), (243, 38432), (253, 38477), (254, 38480),

Gene: McWolfish_91 Start: 39031, Stop: 39738, Start Num: 76
Candidate Starts for McWolfish_91:
(Start: 76 @39031 has 288 MA's), (97, 39070), (Start: 107 @39106 has 4 MA's), (Start: 127 @39178 has 1 MA's), (130, 39211), (163, 39382), (188, 39439), (200, 39481), (206, 39499), (211, 39517), (215, 39529), (216, 39538), (221, 39553), (227, 39577), (231, 39592), (243, 39649), (253, 39694), (254, 39697),

Gene: Megamind_92 Start: 39291, Stop: 39998, Start Num: 76
Candidate Starts for Megamind_92:
(Start: 76 @39291 has 288 MA's), (97, 39330), (Start: 107 @39366 has 4 MA's), (Start: 127 @39438 has 1 MA's), (130, 39471), (163, 39642), (188, 39699), (200, 39741), (206, 39759), (211, 39777), (215, 39789), (216, 39798), (221, 39813), (227, 39837), (231, 39852), (243, 39909), (253, 39954), (254, 39957),

Gene: MeganTheeKilla_8 Start: 2990, Stop: 2301, Start Num: 70
Candidate Starts for MeganTheeKilla_8:
(Start: 66 @2996 has 1 MA's), (Start: 70 @2990 has 23 MA's), (98, 2945), (99, 2936), (103, 2924), (108, 2900), (122, 2852), (126, 2840), (132, 2798), (209, 2516), (223, 2462), (225, 2456), (235, 2420), (241, 2375), (255, 2318),

Gene: Melpomini_87 Start: 36815, Stop: 37522, Start Num: 76
Candidate Starts for Melpomini_87:
(Start: 76 @36815 has 288 MA's), (97, 36854), (Start: 107 @36890 has 4 MA's), (Start: 127 @36962 has 1 MA's), (130, 36995), (163, 37166), (188, 37223), (200, 37265), (206, 37283), (211, 37301), (215, 37313), (216, 37322), (221, 37337), (227, 37361), (231, 37376), (243, 37433), (253, 37478), (254, 37481),

Gene: MikeLiesIn_94 Start: 39638, Stop: 40345, Start Num: 76
Candidate Starts for MikeLiesIn_94:
(Start: 76 @39638 has 288 MA's), (97, 39677), (Start: 107 @39713 has 4 MA's), (Start: 127 @39785 has 1 MA's), (130, 39818), (163, 39989), (188, 40046), (200, 40088), (206, 40106), (211, 40124), (215, 40136), (216, 40145), (221, 40160), (227, 40184), (231, 40199), (243, 40256), (253, 40301), (254, 40304),

Gene: Mikro_91 Start: 40549, Stop: 41256, Start Num: 76
Candidate Starts for Mikro_91:
(Start: 76 @40549 has 288 MA's), (97, 40588), (Start: 107 @40624 has 4 MA's), (Start: 127 @40696 has 1 MA's), (130, 40729), (163, 40900), (188, 40957), (200, 40999), (206, 41017), (211, 41035), (215, 41047), (216, 41056), (221, 41071), (227, 41095), (231, 41110), (243, 41167), (253, 41212), (254, 41215),

Gene: Mildred21_25 Start: 11942, Stop: 11247, Start Num: 72

Candidate Starts for Mildred21_25:
(Start: 72 @11942 has 77 MA's), (99, 11891), (132, 11753), (139, 11723), (162, 11597), (179, 11540), (195, 11525), (209, 11477), (223, 11423), (250, 11300), (255, 11279),

Gene: Mimi_102 Start: 82036, Stop: 82818, Start Num: 50
Candidate Starts for Mimi_102:
(Start: 50 @82036 has 9 MA's), (98, 82138), (99, 82147), (150, 82399), (157, 82438), (180, 82504), (190, 82522), (218, 82624), (226, 82651), (243, 82729),

Gene: MindFlayer_28 Start: 13422, Stop: 12703, Start Num: 72
Candidate Starts for MindFlayer_28:
(Start: 50 @13467 has 9 MA's), (Start: 72 @13422 has 77 MA's), (Start: 79 @13407 has 3 MA's), (103, 13359), (132, 13233), (139, 13203), (183, 13005), (223, 12870),

Gene: MiniMommy_35 Start: 24497, Stop: 25201, Start Num: 76
Candidate Starts for MiniMommy_35:
(Start: 76 @24497 has 288 MA's), (97, 24539), (99, 24551), (132, 24686), (211, 24977), (215, 24989), (224, 25025), (232, 25058), (254, 25160),

Gene: Miskis_86 Start: 55651, Stop: 56352, Start Num: 77
Candidate Starts for Miskis_86:
(61, 55621), (71, 55636), (Start: 77 @55651 has 23 MA's), (Start: 92 @55678 has 1 MA's), (99, 55702), (142, 55885), (150, 55936), (152, 55945), (161, 55984), (180, 56041), (200, 56095), (222, 56173), (227, 56191), (244, 56266), (246, 56278), (252, 56302), (253, 56308), (257, 56326), (259, 56341),

Gene: MoMoMixon_94 Start: 39363, Stop: 40070, Start Num: 76
Candidate Starts for MoMoMixon_94:
(Start: 76 @39363 has 288 MA's), (97, 39402), (Start: 107 @39438 has 4 MA's), (Start: 127 @39510 has 1 MA's), (130, 39543), (163, 39714), (188, 39771), (200, 39813), (206, 39831), (211, 39849), (215, 39861), (216, 39870), (221, 39885), (227, 39909), (231, 39924), (243, 39981), (253, 40026), (254, 40029),

Gene: Moab_8 Start: 3196, Stop: 2501, Start Num: 70
Candidate Starts for Moab_8:
(Start: 70 @3196 has 23 MA's), (Start: 95 @3160 has 1 MA's), (99, 3142), (103, 3130), (129, 3022), (153, 2890), (155, 2875), (209, 2722), (223, 2668), (225, 2662), (248, 2551), (253, 2530), (255, 2524),

Gene: Moby_84 Start: 34890, Stop: 35597, Start Num: 76
Candidate Starts for Moby_84:
(Start: 76 @34890 has 288 MA's), (97, 34929), (Start: 107 @34965 has 4 MA's), (Start: 127 @35037 has 1 MA's), (130, 35070), (163, 35241), (188, 35298), (200, 35340), (206, 35358), (211, 35376), (215, 35388), (216, 35397), (221, 35412), (227, 35436), (231, 35451), (243, 35508), (253, 35553), (254, 35556),

Gene: Moiqah_84 Start: 34890, Stop: 35597, Start Num: 76
Candidate Starts for Moiqah_84:
(Start: 76 @34890 has 288 MA's), (97, 34929), (Start: 107 @34965 has 4 MA's), (Start: 127 @35037 has 1 MA's), (130, 35070), (163, 35241), (188, 35298), (200, 35340), (206, 35358), (211, 35376), (215, 35388), (216, 35397), (221, 35412), (227, 35436), (231, 35451), (243, 35508), (253, 35553), (254, 35556),

Gene: Momo_92 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Momo_92:

(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Montpel_90 Start: 40250, Stop: 40957, Start Num: 76
Candidate Starts for Montpel_90:
(Start: 76 @40250 has 288 MA's), (97, 40289), (Start: 107 @40325 has 4 MA's), (Start: 127 @40397 has 1 MA's), (130, 40430), (163, 40601), (188, 40658), (200, 40700), (206, 40718), (211, 40736), (215, 40748), (216, 40757), (221, 40772), (227, 40796), (231, 40811), (243, 40868), (253, 40913), (254, 40916),

Gene: Morizzled23_93 Start: 38335, Stop: 39042, Start Num: 76
Candidate Starts for Morizzled23_93:
(Start: 76 @38335 has 288 MA's), (97, 38374), (Start: 107 @38410 has 4 MA's), (Start: 127 @38482 has 1 MA's), (130, 38515), (163, 38686), (188, 38743), (200, 38785), (206, 38803), (211, 38821), (215, 38833), (216, 38842), (221, 38857), (227, 38881), (231, 38896), (243, 38953), (253, 38998), (254, 39001),

Gene: Mugiwara_29 Start: 13328, Stop: 12588, Start Num: 72
Candidate Starts for Mugiwara_29:
(Start: 72 @13328 has 77 MA's), (99, 13256), (132, 13118), (139, 13088), (159, 12971), (193, 12863), (223, 12758), (255, 12614),

Gene: MulchMansion_25 Start: 12242, Stop: 11550, Start Num: 72
Candidate Starts for MulchMansion_25:
(Start: 72 @12242 has 77 MA's), (99, 12191), (132, 12053), (139, 12023), (179, 11834), (196, 11816), (223, 11717), (235, 11675), (248, 11600),

Gene: Muntaha_9 Start: 3962, Stop: 3264, Start Num: 70
Candidate Starts for Muntaha_9:
(Start: 70 @3962 has 23 MA's), (99, 3908), (156, 3632), (159, 3623), (209, 3488), (217, 3455), (235, 3392), (236, 3383), (255, 3290),

Gene: Myrna_92 Start: 41157, Stop: 41864, Start Num: 76
Candidate Starts for Myrna_92:
(Start: 76 @41157 has 288 MA's), (Start: 92 @41184 has 1 MA's), (97, 41196), (Start: 105 @41226 has 1 MA's), (Start: 127 @41304 has 1 MA's), (130, 41337), (152, 41451), (163, 41508), (165, 41517), (168, 41526), (178, 41550), (191, 41574), (192, 41580), (206, 41625), (211, 41643), (216, 41664), (222, 41685), (227, 41703), (244, 41778), (253, 41820), (257, 41838), (259, 41853),

Gene: Nabi_52 Start: 37546, Stop: 36833, Start Num: 76
Candidate Starts for Nabi_52:
(Start: 76 @37546 has 288 MA's), (100, 37489), (Start: 105 @37474 has 1 MA's), (Start: 127 @37387 has 1 MA's), (132, 37348), (135, 37336), (137, 37324), (139, 37318), (153, 37231), (158, 37207), (180, 37144), (210, 37063), (215, 37042), (227, 36994), (243, 36922), (246, 36907), (252, 36883),

Gene: Naija_92 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Naija_92:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Nanodon_53 Start: 37369, Stop: 36650, Start Num: 76
Candidate Starts for Nanodon_53:
(Start: 76 @37369 has 288 MA's), (Start: 92 @37336 has 1 MA's), (Start: 105 @37294 has 1 MA's), (Start: 107 @37288 has 4 MA's), (116, 37243), (Start: 127 @37204 has 1 MA's), (139, 37135), (153, 37048), (161, 37018), (191, 36940), (200, 36907), (210, 36880), (211, 36871), (215, 36859), (227, 36811), (246, 36724), (252, 36700), (259, 36661),

Gene: Napoleon13_89 Start: 37433, Stop: 38140, Start Num: 76
Candidate Starts for Napoleon13_89:
(Start: 76 @37433 has 288 MA's), (97, 37472), (Start: 107 @37508 has 4 MA's), (Start: 127 @37580 has 1 MA's), (130, 37613), (163, 37784), (188, 37841), (200, 37883), (206, 37901), (211, 37919), (215, 37931), (216, 37940), (221, 37955), (227, 37979), (231, 37994), (243, 38051), (253, 38096), (254, 38099),

Gene: Nappy_95 Start: 40189, Stop: 40896, Start Num: 76
Candidate Starts for Nappy_95:
(Start: 76 @40189 has 288 MA's), (97, 40228), (Start: 107 @40264 has 4 MA's), (Start: 127 @40336 has 1 MA's), (130, 40369), (163, 40540), (188, 40597), (200, 40639), (206, 40657), (211, 40675), (215, 40687), (216, 40696), (221, 40711), (227, 40735), (231, 40750), (243, 40807), (253, 40852), (254, 40855),

Gene: Naval22_101 Start: 41229, Stop: 41936, Start Num: 76
Candidate Starts for Naval22_101:
(Start: 76 @41229 has 288 MA's), (97, 41268), (Start: 107 @41304 has 4 MA's), (Start: 127 @41376 has 1 MA's), (130, 41409), (163, 41580), (188, 41637), (200, 41679), (206, 41697), (211, 41715), (215, 41727), (216, 41736), (221, 41751), (227, 41775), (231, 41790), (243, 41847), (253, 41892), (254, 41895),

Gene: Navo_23 Start: 11574, Stop: 10849, Start Num: 75
Candidate Starts for Navo_23:
(33, 11700), (34, 11682), (42, 11655), (Start: 64 @11598 has 2 MA's), (Start: 75 @11574 has 5 MA's), (Start: 79 @11568 has 3 MA's), (Start: 95 @11550 has 1 MA's), (99, 11532), (103, 11520), (106, 11511), (132, 11394), (209, 11076), (223, 11022), (235, 10980), (236, 10971), (243, 10929), (248, 10905), (250, 10899),

Gene: NedWong_94 Start: 39625, Stop: 40332, Start Num: 76
Candidate Starts for NedWong_94:
(Start: 76 @39625 has 288 MA's), (97, 39664), (Start: 107 @39700 has 4 MA's), (Start: 127 @39772 has 1 MA's), (130, 39805), (163, 39976), (188, 40033), (200, 40075), (206, 40093), (211, 40111), (215, 40123), (216, 40132), (221, 40147), (227, 40171), (231, 40186), (243, 40243), (253, 40288), (254, 40291),

Gene: Nerdos_49 Start: 36258, Stop: 35545, Start Num: 76
Candidate Starts for Nerdos_49:
(Start: 76 @36258 has 288 MA's), (Start: 105 @36189 has 1 MA's), (Start: 107 @36183 has 4 MA's), (116, 36138), (Start: 127 @36099 has 1 MA's), (139, 36030), (153, 35943), (158, 35919), (191, 35835), (210, 35775), (227, 35706), (246, 35619), (252, 35595),

Gene: Neville_106 Start: 61607, Stop: 62311, Start Num: 77
Candidate Starts for Neville_106:
(49, 61544), (Start: 77 @61607 has 23 MA's), (Start: 92 @61634 has 1 MA's), (99, 61658), (108, 61694), (Start: 110 @61703 has 9 MA's), (126, 61757), (139, 61829), (142, 61844), (152, 61904), (154,

61922), (185, 62006), (200, 62054), (211, 62090), (212, 62093), (214, 62096), (222, 62132), (227, 62150), (243, 62222), (246, 62237), (253, 62267),

Gene: Ngannou_89 Start: 37612, Stop: 38319, Start Num: 76
Candidate Starts for Ngannou_89:
(Start: 76 @37612 has 288 MA's), (97, 37651), (Start: 107 @37687 has 4 MA's), (Start: 127 @37759 has 1 MA's), (130, 37792), (163, 37963), (188, 38020), (200, 38062), (206, 38080), (211, 38098), (215, 38110), (216, 38119), (221, 38134), (227, 38158), (231, 38173), (243, 38230), (253, 38275), (254, 38278),

Gene: NiceHouse_38 Start: 16415, Stop: 15702, Start Num: 76
Candidate Starts for NiceHouse_38:
(Start: 76 @16415 has 288 MA's), (Start: 105 @16343 has 1 MA's), (113, 16301), (123, 16271), (126, 16259), (Start: 127 @16256 has 1 MA's), (135, 16205), (137, 16193), (150, 16118), (200, 15959), (205, 15944), (211, 15923), (216, 15902), (227, 15863), (246, 15776), (252, 15752), (253, 15746),

Gene: Nidhogg_94 Start: 39479, Stop: 40186, Start Num: 76
Candidate Starts for Nidhogg_94:
(Start: 76 @39479 has 288 MA's), (97, 39518), (Start: 107 @39554 has 4 MA's), (Start: 127 @39626 has 1 MA's), (130, 39659), (163, 39830), (188, 39887), (200, 39929), (206, 39947), (211, 39965), (215, 39977), (216, 39986), (221, 40001), (227, 40025), (231, 40040), (243, 40097), (253, 40142), (254, 40145),

Gene: Nishikigoi_54 Start: 40050, Stop: 39337, Start Num: 76
Candidate Starts for Nishikigoi_54:
(43, 40092), (Start: 76 @40050 has 288 MA's), (Start: 127 @39891 has 1 MA's), (154, 39726), (180, 39648), (188, 39636), (200, 39594), (211, 39558), (215, 39546), (227, 39498), (243, 39426), (246, 39411), (252, 39387), (259, 39348),

Gene: NoodleTree_101 Start: 40656, Stop: 41363, Start Num: 76
Candidate Starts for NoodleTree_101:
(Start: 76 @40656 has 288 MA's), (97, 40695), (Start: 107 @40731 has 4 MA's), (Start: 127 @40803 has 1 MA's), (130, 40836), (163, 41007), (188, 41064), (200, 41106), (206, 41124), (211, 41142), (215, 41154), (216, 41163), (221, 41178), (227, 41202), (231, 41217), (253, 41319), (254, 41322),

Gene: NootNoot_24 Start: 11783, Stop: 11049, Start Num: 72
Candidate Starts for NootNoot_24:
(Start: 72 @11783 has 77 MA's), (98, 11741), (99, 11732), (103, 11720), (132, 11594), (139, 11564), (209, 11276), (223, 11222), (235, 11180), (236, 11171), (243, 11129), (248, 11105), (250, 11099),

Gene: Norvs_94 Start: 57127, Stop: 57828, Start Num: 77
Candidate Starts for Norvs_94:
(61, 57097), (71, 57112), (Start: 77 @57127 has 23 MA's), (Start: 92 @57154 has 1 MA's), (99, 57178), (142, 57361), (150, 57412), (152, 57421), (200, 57571), (201, 57574), (203, 57580), (222, 57649), (226, 57664), (227, 57667), (244, 57742), (246, 57754), (252, 57778), (253, 57784), (257, 57802), (259, 57817),

Gene: Nova53_24 Start: 11549, Stop: 10827, Start Num: 63
Candidate Starts for Nova53_24:
(Start: 63 @11549 has 6 MA's), (74, 11525), (99, 11483), (131, 11345), (132, 11342), (136, 11324), (138, 11315), (141, 11300), (143, 11288), (170, 11141), (195, 11108), (197, 11102), (209, 11060), (223, 11006),

Gene: NuevoMundo_99 Start: 41586, Stop: 42293, Start Num: 76
Candidate Starts for NuevoMundo_99:
(Start: 76 @41586 has 288 MA's), (97, 41625), (Start: 107 @41661 has 4 MA's), (Start: 127 @41733 has 1 MA's), (130, 41766), (163, 41937), (188, 41994), (200, 42036), (206, 42054), (211, 42072), (215, 42084), (216, 42093), (221, 42108), (227, 42132), (231, 42147), (253, 42249), (254, 42252),

Gene: Oliynyk_52 Start: 36756, Stop: 36043, Start Num: 76
Candidate Starts for Oliynyk_52:
(Start: 76 @36756 has 288 MA's), (Start: 105 @36687 has 1 MA's), (Start: 107 @36681 has 4 MA's), (116, 36636), (Start: 127 @36597 has 1 MA's), (139, 36528), (153, 36441), (191, 36333), (227, 36204), (246, 36117), (252, 36093), (259, 36054),

Gene: Omar_57 Start: 38630, Stop: 37917, Start Num: 76
Candidate Starts for Omar_57:
(Start: 76 @38630 has 288 MA's), (82, 38621), (Start: 92 @38603 has 1 MA's), (Start: 127 @38471 has 1 MA's), (188, 38216), (200, 38174), (210, 38147), (211, 38138), (215, 38126), (227, 38078), (243, 38006), (246, 37991), (252, 37967),

Gene: Orchid_59 Start: 51328, Stop: 50618, Start Num: 77
Candidate Starts for Orchid_59:
(Start: 77 @51328 has 23 MA's), (Start: 92 @51301 has 1 MA's), (99, 51277), (104, 51262), (Start: 127 @51169 has 1 MA's), (140, 51097), (144, 51073), (147, 51055), (150, 51034), (157, 50995), (200, 50875), (211, 50839), (214, 50833), (222, 50797), (227, 50779), (246, 50692), (252, 50668),

Gene: Origami_35 Start: 24518, Stop: 25222, Start Num: 76
Candidate Starts for Origami_35:
(Start: 76 @24518 has 288 MA's), (99, 24572), (132, 24707), (211, 24998), (232, 25079), (254, 25181), (259, 25211),

Gene: Ozzie_49 Start: 36367, Stop: 35654, Start Num: 76
Candidate Starts for Ozzie_49:
(Start: 76 @36367 has 288 MA's), (Start: 105 @36298 has 1 MA's), (Start: 107 @36292 has 4 MA's), (116, 36247), (Start: 127 @36208 has 1 MA's), (139, 36139), (153, 36052), (158, 36028), (191, 35944), (210, 35884), (227, 35815), (246, 35728), (252, 35704),

Gene: OzzyJ_53 Start: 38550, Stop: 37837, Start Num: 76
Candidate Starts for OzzyJ_53:
(Start: 76 @38550 has 288 MA's), (Start: 105 @38478 has 1 MA's), (Start: 127 @38391 has 1 MA's), (137, 38328), (139, 38322), (153, 38235), (202, 38088), (210, 38067), (215, 38046), (227, 37998), (243, 37926), (246, 37911), (252, 37887), (259, 37848),

Gene: Pablito_53 Start: 38979, Stop: 38272, Start Num: 76
Candidate Starts for Pablito_53:
(Start: 76 @38979 has 288 MA's), (Start: 92 @38952 has 1 MA's), (98, 38937), (101, 38922), (Start: 107 @38904 has 4 MA's), (Start: 110 @38883 has 9 MA's), (Start: 127 @38826 has 1 MA's), (139, 38757), (158, 38646), (173, 38595), (188, 38571), (205, 38514), (210, 38502), (211, 38493), (215, 38481), (227, 38433), (243, 38361), (244, 38358), (246, 38346), (252, 38322), (257, 38298),

Gene: PacManQ_24 Start: 11480, Stop: 10737, Start Num: 72
Candidate Starts for PacManQ_24:
(Start: 66 @11489 has 1 MA's), (Start: 72 @11480 has 77 MA's), (Start: 79 @11465 has 3 MA's), (99, 11429), (139, 11261), (156, 11153), (209, 10973), (223, 10919), (235, 10877),

Gene: Paedore_56 Start: 40127, Stop: 39420, Start Num: 76
Candidate Starts for Paedore_56:
(Start: 76 @40127 has 288 MA's), (Start: 127 @39974 has 1 MA's), (132, 39935), (139, 39905), (180, 39731), (191, 39710), (200, 39677), (210, 39650), (211, 39641), (227, 39581), (243, 39509), (246, 39494), (252, 39470),

Gene: Panchaali_93 Start: 79422, Stop: 80183, Start Num: 50
Candidate Starts for Panchaali_93:
(Start: 50 @79422 has 9 MA's), (99, 79530), (124, 79617), (142, 79713), (150, 79764), (240, 80079), (244, 80097), (246, 80109),

Gene: Paolo_56 Start: 40075, Stop: 39362, Start Num: 76
Candidate Starts for Paolo_56:
(37, 40138), (Start: 76 @40075 has 288 MA's), (115, 39958), (Start: 127 @39916 has 1 MA's), (139, 39847), (142, 39832), (153, 39760), (192, 39646), (200, 39619), (210, 39592), (211, 39583), (227, 39523), (237, 39490), (243, 39451), (246, 39436), (252, 39412),

Gene: Paradiddles_24 Start: 11774, Stop: 11040, Start Num: 72
Candidate Starts for Paradiddles_24:
(Start: 72 @11774 has 77 MA's), (98, 11732), (99, 11723), (103, 11711), (132, 11585), (139, 11555), (209, 11267), (223, 11213), (235, 11171), (236, 11162), (243, 11120), (248, 11096), (250, 11090),

Gene: ParkTD_94 Start: 39621, Stop: 40328, Start Num: 76
Candidate Starts for ParkTD_94:
(Start: 76 @39621 has 288 MA's), (97, 39660), (Start: 107 @39696 has 4 MA's), (Start: 127 @39768 has 1 MA's), (130, 39801), (163, 39972), (188, 40029), (200, 40071), (206, 40089), (211, 40107), (215, 40119), (216, 40128), (221, 40143), (227, 40167), (231, 40182), (243, 40239), (253, 40284), (254, 40287),

Gene: Patbob_101 Start: 82771, Stop: 83553, Start Num: 50
Candidate Starts for Patbob_101:
(Start: 50 @82771 has 9 MA's), (98, 82873), (99, 82882), (136, 83056), (150, 83134), (157, 83173), (158, 83176), (180, 83239), (190, 83257), (218, 83359), (226, 83386), (243, 83464), (244, 83467),

Gene: Patelgo_9 Start: 3196, Stop: 2501, Start Num: 70
Candidate Starts for Patelgo_9:
(Start: 70 @3196 has 23 MA's), (Start: 95 @3160 has 1 MA's), (99, 3142), (103, 3130), (129, 3022), (153, 2890), (155, 2875), (209, 2722), (223, 2668), (225, 2662), (248, 2551), (253, 2530), (255, 2524),

Gene: PatrickStar_60 Start: 51327, Stop: 50617, Start Num: 77
Candidate Starts for PatrickStar_60:
(Start: 77 @51327 has 23 MA's), (Start: 92 @51300 has 1 MA's), (99, 51276), (104, 51261), (Start: 127 @51168 has 1 MA's), (140, 51096), (144, 51072), (147, 51054), (150, 51033), (157, 50994), (200, 50874), (211, 50838), (214, 50832), (222, 50796), (227, 50778), (246, 50691), (252, 50667),

Gene: Patter_93 Start: 38647, Stop: 39354, Start Num: 76
Candidate Starts for Patter_93:
(Start: 76 @38647 has 288 MA's), (97, 38686), (Start: 107 @38722 has 4 MA's), (Start: 127 @38794 has 1 MA's), (130, 38827), (163, 38998), (188, 39055), (200, 39097), (206, 39115), (211, 39133), (215, 39145), (216, 39154), (221, 39169), (227, 39193), (231, 39208), (243, 39265), (253, 39310), (254, 39313),

Gene: PauloDiaboli_141 Start: 86587, Stop: 87345, Start Num: 78

Candidate Starts for PauloDiaboli_141:
(Start: 78 @86587 has 3 MA's), (99, 86635), (109, 86677), (Start: 127 @86791 has 1 MA's), (132, 86830), (139, 86860), (142, 86875), (144, 86887), (147, 86908), (166, 87001), (188, 87046), (193, 87064), (218, 87154), (244, 87259),

Gene: Pavo_54 Start: 39059, Stop: 38451, Start Num: 110
Candidate Starts for Pavo_54:
(9, 39422), (10, 39407), (11, 39386), (Start: 110 @39059 has 9 MA's), (Start: 127 @39005 has 1 MA's), (134, 38957), (139, 38936), (193, 38732), (212, 38669), (227, 38612), (243, 38540), (244, 38537), (246, 38525), (250, 38510), (252, 38501), (258, 38474),

Gene: Peebs_25 Start: 12038, Stop: 11337, Start Num: 72
Candidate Starts for Peebs_25:
(Start: 72 @12038 has 77 MA's), (Start: 79 @12023 has 3 MA's), (99, 11987), (103, 11975), (139, 11819), (162, 11693), (195, 11621), (209, 11573), (223, 11519), (235, 11477),

Gene: Pepperwood_26 Start: 12211, Stop: 11510, Start Num: 72
Candidate Starts for Pepperwood_26:
(Start: 72 @12211 has 77 MA's), (Start: 79 @12196 has 3 MA's), (99, 12160), (103, 12148), (139, 11992), (162, 11866), (195, 11794), (209, 11746), (223, 11692), (235, 11650),

Gene: Pepy6_064 Start: 63754, Stop: 64467, Start Num: 70
Candidate Starts for Pepy6_064:
(Start: 70 @63754 has 23 MA's), (124, 63901), (Start: 127 @63913 has 1 MA's), (132, 63952), (139, 63982), (142, 63997), (149, 64045), (150, 64051), (200, 64210), (210, 64237), (214, 64252), (215, 64258), (226, 64303), (227, 64306), (244, 64381), (246, 64393), (253, 64423),

Gene: Peregrin_41 Start: 14117, Stop: 13377, Start Num: 63
Candidate Starts for Peregrin_41:
(Start: 63 @14117 has 6 MA's), (124, 13961), (128, 13934), (136, 13892), (138, 13883), (170, 13709), (204, 13643), (209, 13628), (217, 13595), (243, 13481),

Gene: Perkunas_73 Start: 48699, Stop: 49412, Start Num: 72
Candidate Starts for Perkunas_73:
(Start: 72 @48699 has 77 MA's), (104, 48774), (Start: 110 @48804 has 9 MA's), (Start: 127 @48858 has 1 MA's), (132, 48897), (139, 48927), (142, 48942), (149, 48990), (157, 49035), (158, 49038), (188, 49113), (200, 49155), (211, 49191), (227, 49251), (229, 49260), (246, 49338),

Gene: PerroGrande22_97 Start: 65192, Stop: 65905, Start Num: 70
Candidate Starts for PerroGrande22_97:
(Start: 70 @65192 has 23 MA's), (104, 65267), (124, 65339), (126, 65348), (Start: 127 @65351 has 1 MA's), (131, 65387), (132, 65390), (139, 65420), (142, 65435), (149, 65483), (151, 65492), (192, 65621), (210, 65675), (212, 65687), (215, 65696), (221, 65720), (226, 65741), (227, 65744), (238, 65783), (246, 65831),

Gene: Persimmon_23 Start: 11602, Stop: 10868, Start Num: 72
Candidate Starts for Persimmon_23:
(Start: 72 @11602 has 77 MA's), (99, 11551), (132, 11413), (144, 11356), (209, 11095), (223, 11041), (235, 10999), (236, 10990), (243, 10948), (248, 10924), (250, 10918),

Gene: Petito_74 Start: 50219, Stop: 50932, Start Num: 72
Candidate Starts for Petito_74:

(Start: 72 @50219 has 77 MA's), (104, 50294), (Start: 110 @50324 has 9 MA's), (Start: 127 @50378 has 1 MA's), (132, 50417), (139, 50447), (142, 50462), (149, 50510), (158, 50558), (188, 50633), (200, 50675), (211, 50711), (227, 50771), (246, 50858), (250, 50873),

Gene: Phabba_97 Start: 40192, Stop: 40899, Start Num: 76
Candidate Starts for Phabba_97:
(Start: 76 @40192 has 288 MA's), (90, 40216), (Start: 92 @40219 has 1 MA's), (97, 40231), (Start: 107 @40267 has 4 MA's), (Start: 127 @40339 has 1 MA's), (130, 40372), (133, 40384), (152, 40486), (161, 40525), (163, 40543), (165, 40552), (168, 40561), (178, 40585), (206, 40660), (211, 40678), (216, 40699), (222, 40720), (227, 40738), (244, 40813), (253, 40855), (257, 40873), (259, 40888),

Gene: PharkleMinkus_97 Start: 41074, Stop: 41781, Start Num: 76
Candidate Starts for PharkleMinkus_97:
(Start: 76 @41074 has 288 MA's), (97, 41113), (Start: 107 @41149 has 4 MA's), (Start: 127 @41221 has 1 MA's), (130, 41254), (163, 41425), (188, 41482), (200, 41524), (206, 41542), (211, 41560), (215, 41572), (216, 41581), (221, 41596), (227, 41620), (231, 41635), (243, 41692), (253, 41737), (254, 41740),

Gene: Phettuccine_50 Start: 36259, Stop: 35546, Start Num: 76
Candidate Starts for Phettuccine_50:
(Start: 76 @36259 has 288 MA's), (Start: 105 @36190 has 1 MA's), (Start: 107 @36184 has 4 MA's), (116, 36139), (Start: 127 @36100 has 1 MA's), (139, 36031), (153, 35944), (158, 35920), (191, 35836), (210, 35776), (227, 35707), (246, 35620), (252, 35596),

Gene: PhinkBoden_91 Start: 57160, Stop: 57864, Start Num: 76
Candidate Starts for PhinkBoden_91:
(4, 56554), (Start: 76 @57160 has 288 MA's), (Start: 92 @57190 has 1 MA's), (99, 57214), (142, 57397), (150, 57448), (152, 57457), (161, 57496), (180, 57553), (200, 57607), (222, 57685), (227, 57703), (244, 57778), (246, 57790), (252, 57814), (253, 57820), (257, 57838), (259, 57853),

Gene: Phlegm_95 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Phlegm_95:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Phox_90 Start: 39493, Stop: 40200, Start Num: 76
Candidate Starts for Phox_90:
(Start: 76 @39493 has 288 MA's), (97, 39532), (Start: 107 @39568 has 4 MA's), (Start: 127 @39640 has 1 MA's), (130, 39673), (163, 39844), (188, 39901), (200, 39943), (206, 39961), (211, 39979), (215, 39991), (216, 40000), (221, 40015), (227, 40039), (231, 40054), (243, 40111), (253, 40156), (254, 40159),

Gene: Phrampa_95 Start: 84204, Stop: 84956, Start Num: 55
Candidate Starts for Phrampa_95:
(Start: 55 @84204 has 1 MA's), (87, 84267), (99, 84303), (125, 84396), (133, 84447), (150, 84537), (198, 84690), (211, 84732), (218, 84762), (227, 84792), (246, 84882), (249, 84894), (257, 84930),

Gene: Phredrick_9 Start: 3298, Stop: 2534, Start Num: 70
Candidate Starts for Phredrick_9:
(Start: 66 @3304 has 1 MA's), (Start: 70 @3298 has 23 MA's), (Start: 95 @3262 has 1 MA's), (97, 3256), (99, 3244), (109, 3199), (129, 3124), (209, 2752), (255, 2554),

Gene: Phusco_93 Start: 39395, Stop: 40102, Start Num: 76
Candidate Starts for Phusco_93:
(Start: 76 @39395 has 288 MA's), (97, 39434), (Start: 107 @39470 has 4 MA's), (Start: 127 @39542 has 1 MA's), (130, 39575), (163, 39746), (188, 39803), (200, 39845), (206, 39863), (211, 39881), (215, 39893), (216, 39902), (221, 39917), (227, 39941), (231, 39956), (243, 40013), (253, 40058), (254, 40061),

Gene: Pier_97 Start: 40626, Stop: 41333, Start Num: 76
Candidate Starts for Pier_97:
(Start: 76 @40626 has 288 MA's), (97, 40665), (Start: 107 @40701 has 4 MA's), (Start: 127 @40773 has 1 MA's), (130, 40806), (163, 40977), (188, 41034), (200, 41076), (206, 41094), (211, 41112), (215, 41124), (216, 41133), (221, 41148), (227, 41172), (231, 41187), (243, 41244), (253, 41289), (254, 41292),

Gene: Pinkcreek_84 Start: 36579, Stop: 37286, Start Num: 76
Candidate Starts for Pinkcreek_84:
(Start: 76 @36579 has 288 MA's), (97, 36618), (Start: 107 @36654 has 4 MA's), (Start: 127 @36726 has 1 MA's), (130, 36759), (163, 36930), (188, 36987), (200, 37029), (206, 37047), (211, 37065), (215, 37077), (216, 37086), (221, 37101), (227, 37125), (231, 37140), (243, 37197), (253, 37242), (254, 37245),

Gene: PinkiePie_24 Start: 11776, Stop: 11042, Start Num: 72
Candidate Starts for PinkiePie_24:
(Start: 72 @11776 has 77 MA's), (99, 11725), (132, 11587), (139, 11557), (209, 11269), (223, 11215), (235, 11173), (236, 11164), (243, 11122), (248, 11098), (250, 11092),

Gene: Pio_97 Start: 41358, Stop: 42065, Start Num: 76
Candidate Starts for Pio_97:
(Start: 76 @41358 has 288 MA's), (97, 41397), (Start: 107 @41433 has 4 MA's), (Start: 127 @41505 has 1 MA's), (130, 41538), (163, 41709), (188, 41766), (200, 41808), (206, 41826), (211, 41844), (215, 41856), (216, 41865), (221, 41880), (227, 41904), (231, 41919), (243, 41976), (253, 42021), (254, 42024),

Gene: Pivoine_92 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for Pivoine_92:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Pleione_96 Start: 39624, Stop: 40331, Start Num: 76
Candidate Starts for Pleione_96:
(Start: 76 @39624 has 288 MA's), (97, 39663), (Start: 107 @39699 has 4 MA's), (Start: 127 @39771 has 1 MA's), (130, 39804), (163, 39975), (188, 40032), (200, 40074), (206, 40092), (211, 40110), (215, 40122), (216, 40131), (221, 40146), (227, 40170), (231, 40185), (243, 40242), (253, 40287), (254, 40290),

Gene: Poco6_063 Start: 64603, Stop: 65316, Start Num: 70
Candidate Starts for Poco6_063:
(Start: 70 @64603 has 23 MA's), (124, 64750), (126, 64759), (Start: 127 @64762 has 1 MA's), (132, 64801), (139, 64831), (142, 64846), (149, 64894), (151, 64903), (192, 65032), (210, 65086), (212, 65098), (215, 65107), (221, 65131), (226, 65152), (227, 65155), (238, 65194), (246, 65242),

Gene: Ponzi_19 Start: 11143, Stop: 10415, Start Num: 76
Candidate Starts for Ponzi_19:
(Start: 76 @11143 has 288 MA's), (84, 11128), (Start: 92 @11110 has 1 MA's), (Start: 95 @11104 has 1 MA's), (108, 11050), (Start: 127 @10969 has 1 MA's), (132, 10930), (135, 10918), (176, 10732), (180, 10726), (201, 10669), (211, 10636), (221, 10600), (227, 10576), (243, 10504), (246, 10489), (252, 10465), (259, 10426),

Gene: Primadonna_87 Start: 38516, Stop: 39223, Start Num: 76
Candidate Starts for Primadonna_87:
(Start: 76 @38516 has 288 MA's), (97, 38555), (Start: 107 @38591 has 4 MA's), (Start: 127 @38663 has 1 MA's), (130, 38696), (163, 38867), (188, 38924), (200, 38966), (206, 38984), (211, 39002), (215, 39014), (216, 39023), (221, 39038), (227, 39062), (231, 39077), (243, 39134), (253, 39179), (254, 39182),

Gene: Provolone_53 Start: 38905, Stop: 38297, Start Num: 110
Candidate Starts for Provolone_53:
(9, 39268), (10, 39253), (11, 39232), (Start: 110 @38905 has 9 MA's), (Start: 127 @38851 has 1 MA's), (134, 38803), (139, 38782), (193, 38578), (227, 38458), (243, 38386), (244, 38383), (246, 38371), (250, 38356), (252, 38347), (258, 38320), (259, 38308),

Gene: Puginator_56 Start: 40121, Stop: 39408, Start Num: 76
Candidate Starts for Puginator_56:
(Start: 76 @40121 has 288 MA's), (115, 40004), (Start: 127 @39962 has 1 MA's), (139, 39893), (142, 39878), (153, 39806), (192, 39692), (200, 39665), (210, 39638), (211, 39629), (227, 39569), (237, 39536), (243, 39497), (246, 39482), (252, 39458),

Gene: Puhon_98 Start: 41030, Stop: 41737, Start Num: 76
Candidate Starts for Puhon_98:
(Start: 76 @41030 has 288 MA's), (97, 41069), (Start: 107 @41105 has 4 MA's), (Start: 127 @41177 has 1 MA's), (130, 41210), (163, 41381), (188, 41438), (200, 41480), (206, 41498), (211, 41516), (215, 41528), (216, 41537), (221, 41552), (227, 41576), (231, 41591), (243, 41648), (253, 41693), (254, 41696),

Gene: Pumpernickel_134 Start: 87462, Stop: 88184, Start Num: 80
Candidate Starts for Pumpernickel_134:
(Start: 80 @87462 has 4 MA's), (99, 87510), (112, 87573), (Start: 127 @87630 has 1 MA's), (132, 87669), (139, 87699), (147, 87747), (161, 87816), (166, 87840), (218, 87993), (251, 88131),

Gene: PumpkinSpice_29 Start: 13797, Stop: 13093, Start Num: 79
Candidate Starts for PumpkinSpice_29:
(Start: 50 @13857 has 9 MA's), (Start: 72 @13812 has 77 MA's), (Start: 79 @13797 has 3 MA's), (103, 13749), (132, 13623), (139, 13593), (183, 13395), (223, 13260),

Gene: Pupusa_98 Start: 41441, Stop: 42148, Start Num: 76
Candidate Starts for Pupusa_98:
(Start: 76 @41441 has 288 MA's), (97, 41480), (Start: 107 @41516 has 4 MA's), (Start: 127 @41588 has 1 MA's), (130, 41621), (163, 41792), (188, 41849), (200, 41891), (206, 41909), (211, 41927), (215, 41939), (216, 41948), (221, 41963), (227, 41987), (231, 42002), (243, 42059), (253, 42104), (254, 42107),

Gene: PurduePete_93 Start: 39669, Stop: 40376, Start Num: 76
Candidate Starts for PurduePete_93:

(Start: 76 @39669 has 288 MA's), (97, 39708), (Start: 107 @39744 has 4 MA's), (Start: 127 @39816 has 1 MA's), (130, 39849), (163, 40020), (188, 40077), (200, 40119), (206, 40137), (211, 40155), (215, 40167), (216, 40176), (221, 40191), (227, 40215), (231, 40230), (243, 40287), (253, 40332), (254, 40335),

Gene: PynkPanther_24 Start: 11855, Stop: 11148, Start Num: 64
Candidate Starts for PynkPanther_24:
(Start: 64 @11855 has 2 MA's), (99, 11789), (132, 11651), (144, 11594), (162, 11495), (195, 11423), (209, 11375), (223, 11321), (235, 11279), (236, 11270), (243, 11228), (248, 11204),

Gene: QBert_87 Start: 39125, Stop: 39832, Start Num: 76
Candidate Starts for QBert_87:
(Start: 76 @39125 has 288 MA's), (97, 39164), (Start: 107 @39200 has 4 MA's), (Start: 127 @39272 has 1 MA's), (130, 39305), (163, 39476), (188, 39533), (200, 39575), (206, 39593), (211, 39611), (215, 39623), (216, 39632), (221, 39647), (227, 39671), (231, 39686), (243, 39743), (253, 39788), (254, 39791),

Gene: Quaran19_30 Start: 13803, Stop: 13084, Start Num: 72
Candidate Starts for Quaran19_30:
(Start: 50 @13848 has 9 MA's), (Start: 72 @13803 has 77 MA's), (Start: 79 @13788 has 3 MA's), (103, 13740), (132, 13614), (139, 13584), (183, 13386), (223, 13251),

Gene: Quasimodo_93 Start: 39160, Stop: 39867, Start Num: 76
Candidate Starts for Quasimodo_93:
(Start: 76 @39160 has 288 MA's), (97, 39199), (Start: 107 @39235 has 4 MA's), (Start: 127 @39307 has 1 MA's), (130, 39340), (163, 39511), (188, 39568), (200, 39610), (206, 39628), (211, 39646), (215, 39658), (216, 39667), (221, 39682), (227, 39706), (231, 39721), (243, 39778), (253, 39823), (254, 39826),

Gene: R4_55 Start: 39966, Stop: 39259, Start Num: 76
Candidate Starts for R4_55:
(16, 40116), (24, 40086), (Start: 76 @39966 has 288 MA's), (108, 39885), (Start: 127 @39813 has 1 MA's), (139, 39744), (158, 39633), (178, 39573), (188, 39558), (199, 39519), (200, 39516), (210, 39489), (211, 39480), (227, 39420), (243, 39348), (246, 39333), (252, 39309), (259, 39270),

Gene: Rabbitrun_108 Start: 62551, Stop: 63255, Start Num: 77
Candidate Starts for Rabbitrun_108:
(49, 62488), (Start: 77 @62551 has 23 MA's), (Start: 92 @62578 has 1 MA's), (99, 62602), (Start: 127 @62704 has 1 MA's), (130, 62737), (132, 62743), (139, 62773), (142, 62788), (152, 62848), (175, 62935), (176, 62938), (211, 63034), (222, 63076), (227, 63094), (243, 63166), (246, 63181), (253, 63211),

Gene: Rabinovish_90 Start: 39466, Stop: 40173, Start Num: 76
Candidate Starts for Rabinovish_90:
(Start: 76 @39466 has 288 MA's), (97, 39505), (Start: 107 @39541 has 4 MA's), (Start: 127 @39613 has 1 MA's), (130, 39646), (163, 39817), (188, 39874), (200, 39916), (206, 39934), (211, 39952), (215, 39964), (216, 39973), (221, 39988), (227, 40012), (231, 40027), (243, 40084), (253, 40129), (254, 40132),

Gene: Racecar_103 Start: 82689, Stop: 83471, Start Num: 50
Candidate Starts for Racecar_103:
(Start: 50 @82689 has 9 MA's), (98, 82791), (99, 82800), (150, 83052), (157, 83091), (180, 83157), (190, 83175), (218, 83277), (226, 83304), (243, 83382),

Gene: Rahel_92 Start: 38987, Stop: 39694, Start Num: 76
Candidate Starts for Rahel_92:
(Start: 76 @38987 has 288 MA's), (97, 39026), (Start: 107 @39062 has 4 MA's), (Start: 127 @39134 has 1 MA's), (130, 39167), (163, 39338), (188, 39395), (200, 39437), (206, 39455), (211, 39473), (215, 39485), (216, 39494), (221, 39509), (227, 39533), (231, 39548), (243, 39605), (253, 39650), (254, 39653),

Gene: Rana_52 Start: 37546, Stop: 36833, Start Num: 76
Candidate Starts for Rana_52:
(Start: 76 @37546 has 288 MA's), (100, 37489), (Start: 105 @37474 has 1 MA's), (Start: 127 @37387 has 1 MA's), (132, 37348), (135, 37336), (137, 37324), (139, 37318), (153, 37231), (158, 37207), (180, 37144), (210, 37063), (215, 37042), (227, 36994), (243, 36922), (246, 36907), (252, 36883),

Gene: RedBear_52 Start: 38755, Stop: 38042, Start Num: 77
Candidate Starts for RedBear_52:
(5, 39133), (Start: 77 @38755 has 23 MA's), (Start: 105 @38686 has 1 MA's), (Start: 127 @38596 has 1 MA's), (139, 38527), (153, 38440), (178, 38356), (195, 38320), (210, 38272), (211, 38263), (215, 38251), (227, 38203), (246, 38116), (252, 38092),

Gene: ReginaGlobina_101 Start: 82275, Stop: 83096, Start Num: 47
Candidate Starts for ReginaGlobina_101:
(Start: 47 @82275 has 1 MA's), (69, 82323), (99, 82395), (137, 82599), (142, 82620), (150, 82671), (168, 82755), (211, 82872), (218, 82902), (222, 82914), (238, 82974),

Gene: Rikishi_30 Start: 13718, Stop: 12999, Start Num: 72
Candidate Starts for Rikishi_30:
(Start: 50 @13763 has 9 MA's), (Start: 72 @13718 has 77 MA's), (Start: 79 @13703 has 3 MA's), (103, 13655), (132, 13529), (139, 13499), (183, 13301), (223, 13166),

Gene: Riptide_24 Start: 11788, Stop: 11102, Start Num: 72
Candidate Starts for Riptide_24:
(Start: 72 @11788 has 77 MA's), (99, 11737), (132, 11599), (139, 11569), (209, 11323), (223, 11269), (235, 11227), (248, 11152),

Gene: Rizal_90 Start: 38542, Stop: 39249, Start Num: 76
Candidate Starts for Rizal_90:
(Start: 76 @38542 has 288 MA's), (97, 38581), (Start: 107 @38617 has 4 MA's), (Start: 127 @38689 has 1 MA's), (130, 38722), (163, 38893), (188, 38950), (200, 38992), (206, 39010), (211, 39028), (215, 39040), (216, 39049), (221, 39064), (227, 39088), (231, 39103), (243, 39160), (253, 39205), (254, 39208),

Gene: RoMag_88 Start: 38984, Stop: 39691, Start Num: 76
Candidate Starts for RoMag_88:
(Start: 76 @38984 has 288 MA's), (97, 39023), (Start: 107 @39059 has 4 MA's), (Start: 127 @39131 has 1 MA's), (130, 39164), (163, 39335), (188, 39392), (200, 39434), (206, 39452), (211, 39470), (215, 39482), (216, 39491), (221, 39506), (227, 39530), (231, 39545), (243, 39602), (253, 39647), (254, 39650),

Gene: RobinSparkles_63 Start: 51880, Stop: 51170, Start Num: 77
Candidate Starts for RobinSparkles_63:
(Start: 77 @51880 has 23 MA's), (Start: 92 @51853 has 1 MA's), (99, 51829), (104, 51814), (Start: 127 @51721 has 1 MA's), (140, 51649), (144, 51625), (147, 51607), (150, 51586), (157, 51547), (200,

51427), (211, 51391), (214, 51385), (222, 51349), (227, 51331), (246, 51244), (252, 51220),

Gene: Rocha_92 Start: 39067, Stop: 39774, Start Num: 76
Candidate Starts for Rocha_92:
(Start: 76 @39067 has 288 MA's), (97, 39106), (Start: 107 @39142 has 4 MA's), (Start: 127 @39214 has 1 MA's), (130, 39247), (163, 39418), (188, 39475), (200, 39517), (206, 39535), (211, 39553), (215, 39565), (216, 39574), (221, 39589), (227, 39613), (231, 39628), (243, 39685), (253, 39730), (254, 39733),

Gene: Rockabye_103 Start: 75949, Stop: 76707, Start Num: 62
Candidate Starts for Rockabye_103:
(Start: 62 @75949 has 1 MA's), (96, 76018), (98, 76024), (99, 76033), (144, 76246), (150, 76285), (211, 76483), (214, 76489), (215, 76495), (218, 76513), (226, 76540), (243, 76618), (248, 76642), (257, 76681),

Gene: Ronan_86 Start: 36431, Stop: 37138, Start Num: 76
Candidate Starts for Ronan_86:
(Start: 76 @36431 has 288 MA's), (97, 36470), (Start: 107 @36506 has 4 MA's), (Start: 127 @36578 has 1 MA's), (130, 36611), (163, 36782), (188, 36839), (200, 36881), (206, 36899), (211, 36917), (215, 36929), (216, 36938), (221, 36953), (227, 36977), (231, 36992), (243, 37049), (253, 37094), (254, 37097),

Gene: Rusticus_52 Start: 36756, Stop: 36043, Start Num: 76
Candidate Starts for Rusticus_52:
(Start: 76 @36756 has 288 MA's), (Start: 105 @36687 has 1 MA's), (Start: 107 @36681 has 4 MA's), (116, 36636), (Start: 127 @36597 has 1 MA's), (139, 36528), (153, 36441), (191, 36333), (227, 36204), (246, 36117), (252, 36093), (259, 36054),

Gene: SJReid_106 Start: 74955, Stop: 75725, Start Num: 56
Candidate Starts for SJReid_106:
(Start: 56 @74955 has 1 MA's), (Start: 62 @74967 has 1 MA's), (98, 75042), (99, 75051), (137, 75231), (142, 75252), (150, 75303), (211, 75501), (218, 75531), (226, 75558),

Gene: SVoro_91 Start: 39619, Stop: 40326, Start Num: 76
Candidate Starts for SVoro_91:
(Start: 76 @39619 has 288 MA's), (97, 39658), (Start: 107 @39694 has 4 MA's), (Start: 127 @39766 has 1 MA's), (130, 39799), (163, 39970), (188, 40027), (200, 40069), (206, 40087), (211, 40105), (215, 40117), (216, 40126), (221, 40141), (227, 40165), (231, 40180), (243, 40237), (253, 40282), (254, 40285),

Gene: Saftant_51 Start: 38945, Stop: 38391, Start Num: 127
Candidate Starts for Saftant_51:
(9, 39362), (10, 39347), (Start: 127 @38945 has 1 MA's), (134, 38897), (139, 38876), (153, 38789), (161, 38759), (193, 38672), (203, 38639), (205, 38633), (227, 38552), (243, 38480), (244, 38477), (246, 38465), (250, 38450), (252, 38441), (258, 38414), (259, 38402),

Gene: Salacia_97 Start: 39739, Stop: 40446, Start Num: 76
Candidate Starts for Salacia_97:
(Start: 76 @39739 has 288 MA's), (97, 39778), (Start: 107 @39814 has 4 MA's), (Start: 127 @39886 has 1 MA's), (130, 39919), (163, 40090), (188, 40147), (200, 40189), (206, 40207), (211, 40225), (215, 40237), (216, 40246), (221, 40261), (227, 40285), (231, 40300), (243, 40357), (253, 40402), (254, 40405),

Gene: SaltySpitoon_30 Start: 13812, Stop: 13093, Start Num: 72
Candidate Starts for SaltySpitoon_30:
(Start: 50 @13857 has 9 MA's), (Start: 72 @13812 has 77 MA's), (Start: 79 @13797 has 3 MA's), (103, 13749), (132, 13623), (139, 13593), (183, 13395), (223, 13260),

Gene: Samisti12_23 Start: 11665, Stop: 10949, Start Num: 64
Candidate Starts for Samisti12_23:
(Start: 64 @11665 has 2 MA's), (99, 11599), (132, 11461), (144, 11404), (162, 11305), (195, 11233), (209, 11185), (223, 11131), (235, 11089),

Gene: SarahRose_51 Start: 38623, Stop: 37910, Start Num: 76
Candidate Starts for SarahRose_51:
(Start: 76 @38623 has 288 MA's), (Start: 105 @38551 has 1 MA's), (Start: 127 @38464 has 1 MA's), (137, 38401), (139, 38395), (153, 38308), (210, 38140), (215, 38119), (227, 38071), (243, 37999), (246, 37984), (252, 37960), (259, 37921),

Gene: Sauce_93 Start: 38479, Stop: 39186, Start Num: 76
Candidate Starts for Sauce_93:
(Start: 76 @38479 has 288 MA's), (97, 38518), (Start: 107 @38554 has 4 MA's), (Start: 127 @38626 has 1 MA's), (130, 38659), (163, 38830), (188, 38887), (200, 38929), (206, 38947), (211, 38965), (215, 38977), (216, 38986), (221, 39001), (227, 39025), (231, 39040), (243, 39097), (253, 39142), (254, 39145),

Gene: Scheme_26 Start: 12222, Stop: 11521, Start Num: 72
Candidate Starts for Scheme_26:
(Start: 72 @12222 has 77 MA's), (Start: 79 @12207 has 3 MA's), (99, 12171), (103, 12159), (139, 12003), (162, 11877), (195, 11805), (209, 11757), (223, 11703), (235, 11661),

Gene: ScottMcG_90 Start: 38610, Stop: 39317, Start Num: 76
Candidate Starts for ScottMcG_90:
(Start: 76 @38610 has 288 MA's), (97, 38649), (Start: 107 @38685 has 4 MA's), (Start: 127 @38757 has 1 MA's), (130, 38790), (163, 38961), (188, 39018), (200, 39060), (206, 39078), (211, 39096), (215, 39108), (216, 39117), (221, 39132), (227, 39156), (231, 39171), (243, 39228), (253, 39273), (254, 39276),

Gene: Sebata_94 Start: 40115, Stop: 40822, Start Num: 76
Candidate Starts for Sebata_94:
(Start: 76 @40115 has 288 MA's), (97, 40154), (Start: 107 @40190 has 4 MA's), (Start: 127 @40262 has 1 MA's), (130, 40295), (163, 40466), (188, 40523), (200, 40565), (206, 40583), (211, 40601), (215, 40613), (216, 40622), (221, 40637), (227, 40661), (231, 40676), (243, 40733), (253, 40778), (254, 40781),

Gene: SeresaTree_8 Start: 3140, Stop: 2445, Start Num: 70
Candidate Starts for SeresaTree_8:
(Start: 70 @3140 has 23 MA's), (99, 3086), (129, 2966), (184, 2729), (209, 2666), (255, 2468),

Gene: ShakeItOph_35 Start: 24496, Stop: 25200, Start Num: 76
Candidate Starts for ShakeItOph_35:
(Start: 76 @24496 has 288 MA's), (97, 24538), (99, 24550), (132, 24685), (211, 24976), (215, 24988), (224, 25024), (232, 25057), (254, 25159),

Gene: Sham_8 Start: 3142, Stop: 2426, Start Num: 57
Candidate Starts for Sham_8:

(48, 3166), (Start: 57 @3142 has 2 MA's), (67, 3121), (106, 3046), (108, 3031), (129, 2947), (153, 2815), (184, 2710), (209, 2647), (236, 2542), (255, 2449),

Gene: Shaqnato_85 Start: 37354, Stop: 38061, Start Num: 76
Candidate Starts for Shaqnato_85:
(Start: 76 @37354 has 288 MA's), (97, 37393), (Start: 107 @37429 has 4 MA's), (Start: 127 @37501 has 1 MA's), (130, 37534), (163, 37705), (188, 37762), (200, 37804), (206, 37822), (211, 37840), (215, 37852), (216, 37861), (221, 37876), (227, 37900), (231, 37915), (243, 37972), (253, 38017), (254, 38020),

Gene: Shelob_95 Start: 40617, Stop: 41324, Start Num: 76
Candidate Starts for Shelob_95:
(Start: 76 @40617 has 288 MA's), (97, 40656), (Start: 107 @40692 has 4 MA's), (Start: 127 @40764 has 1 MA's), (130, 40797), (163, 40968), (188, 41025), (200, 41067), (206, 41085), (211, 41103), (215, 41115), (216, 41124), (221, 41139), (227, 41163), (231, 41178), (243, 41235), (253, 41280), (254, 41283),

Gene: ShiaLabeouf_93 Start: 39826, Stop: 40533, Start Num: 76
Candidate Starts for ShiaLabeouf_93:
(Start: 76 @39826 has 288 MA's), (97, 39865), (Start: 107 @39901 has 4 MA's), (Start: 127 @39973 has 1 MA's), (130, 40006), (163, 40177), (188, 40234), (200, 40276), (206, 40294), (211, 40312), (215, 40324), (216, 40333), (221, 40348), (227, 40372), (231, 40387), (243, 40444), (253, 40489), (254, 40492),

Gene: Shifa_82 Start: 37068, Stop: 37775, Start Num: 76
Candidate Starts for Shifa_82:
(Start: 76 @37068 has 288 MA's), (97, 37107), (Start: 107 @37143 has 4 MA's), (Start: 127 @37215 has 1 MA's), (130, 37248), (163, 37419), (188, 37476), (200, 37518), (206, 37536), (211, 37554), (215, 37566), (216, 37575), (221, 37590), (227, 37614), (231, 37629), (243, 37686), (253, 37731), (254, 37734),

Gene: Shnickers_93 Start: 39386, Stop: 40093, Start Num: 76
Candidate Starts for Shnickers_93:
(Start: 76 @39386 has 288 MA's), (97, 39425), (Start: 107 @39461 has 4 MA's), (Start: 127 @39533 has 1 MA's), (130, 39566), (163, 39737), (188, 39794), (200, 39836), (206, 39854), (211, 39872), (215, 39884), (216, 39893), (221, 39908), (227, 39932), (231, 39947), (243, 40004), (253, 40049), (254, 40052),

Gene: Shrimp_93 Start: 39629, Stop: 40336, Start Num: 76
Candidate Starts for Shrimp_93:
(Start: 76 @39629 has 288 MA's), (97, 39668), (Start: 107 @39704 has 4 MA's), (Start: 127 @39776 has 1 MA's), (130, 39809), (163, 39980), (188, 40037), (200, 40079), (206, 40097), (211, 40115), (215, 40127), (216, 40136), (221, 40151), (227, 40175), (231, 40190), (243, 40247), (253, 40292), (254, 40295),

Gene: Shuckle_24 Start: 12199, Stop: 11507, Start Num: 75
Candidate Starts for Shuckle_24:
(34, 12307), (40, 12292), (Start: 64 @12223 has 2 MA's), (Start: 75 @12199 has 5 MA's), (Start: 79 @12193 has 3 MA's), (99, 12157), (103, 12145), (106, 12136), (132, 12019), (162, 11863), (195, 11791), (209, 11743), (223, 11689), (235, 11647),

Gene: SilverDipper_94 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for SilverDipper_94:

(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: SiwenD96_93 Start: 39676, Stop: 40383, Start Num: 76
Candidate Starts for SiwenD96_93:
(Start: 76 @39676 has 288 MA's), (97, 39715), (Start: 107 @39751 has 4 MA's), (Start: 127 @39823 has 1 MA's), (130, 39856), (163, 40027), (188, 40084), (200, 40126), (206, 40144), (211, 40162), (215, 40174), (216, 40183), (221, 40198), (227, 40222), (231, 40237), (243, 40294), (253, 40339), (254, 40342),

Gene: SmallFry_93 Start: 38581, Stop: 39288, Start Num: 76
Candidate Starts for SmallFry_93:
(Start: 76 @38581 has 288 MA's), (97, 38620), (Start: 107 @38656 has 4 MA's), (Start: 127 @38728 has 1 MA's), (130, 38761), (163, 38932), (188, 38989), (200, 39031), (206, 39049), (211, 39067), (215, 39079), (216, 39088), (221, 39103), (227, 39127), (231, 39142), (243, 39199), (253, 39244), (254, 39247),

Gene: Smoothie_93 Start: 57370, Stop: 58074, Start Num: 76
Candidate Starts for Smoothie_93:
(4, 56764), (Start: 76 @57370 has 288 MA's), (Start: 92 @57400 has 1 MA's), (99, 57424), (142, 57607), (150, 57658), (152, 57667), (161, 57706), (180, 57763), (200, 57817), (222, 57895), (227, 57913), (244, 57988), (246, 58000), (252, 58024), (253, 58030), (257, 58048), (259, 58063),

Gene: Snorlax_51 Start: 38648, Stop: 37935, Start Num: 76
Candidate Starts for Snorlax_51:
(Start: 76 @38648 has 288 MA's), (Start: 105 @38576 has 1 MA's), (Start: 127 @38489 has 1 MA's), (137, 38426), (139, 38420), (153, 38333), (210, 38165), (215, 38144), (227, 38096), (243, 38024), (246, 38009), (252, 37985), (259, 37946),

Gene: SoilZilla_89 Start: 38715, Stop: 39422, Start Num: 76
Candidate Starts for SoilZilla_89:
(Start: 76 @38715 has 288 MA's), (97, 38754), (Start: 107 @38790 has 4 MA's), (Start: 127 @38862 has 1 MA's), (130, 38895), (163, 39066), (188, 39123), (200, 39165), (206, 39183), (211, 39201), (215, 39213), (216, 39222), (221, 39237), (227, 39261), (231, 39276), (243, 39333), (253, 39378), (254, 39381),

Gene: Sollertia_30 Start: 13626, Stop: 12934, Start Num: 72
Candidate Starts for Sollertia_30:
(13, 13833), (19, 13800), (21, 13797), (25, 13776), (39, 13713), (Start: 72 @13626 has 77 MA's), (89, 13608), (99, 13575), (132, 13437), (144, 13380), (146, 13365), (209, 13155), (223, 13101),

Gene: South40_51 Start: 38755, Stop: 38042, Start Num: 77
Candidate Starts for South40_51:
(5, 39133), (Start: 77 @38755 has 23 MA's), (Start: 105 @38686 has 1 MA's), (Start: 127 @38596 has 1 MA's), (139, 38527), (153, 38440), (178, 38356), (195, 38320), (210, 38272), (211, 38263), (215, 38251), (227, 38203), (246, 38116), (252, 38092),

Gene: SparkleGoddess_8 Start: 3061, Stop: 2294, Start Num: 70
Candidate Starts for SparkleGoddess_8:
(Start: 60 @3079 has 1 MA's), (Start: 70 @3061 has 23 MA's), (99, 3007), (106, 2986), (129, 2887), (209, 2515), (233, 2422), (255, 2317),

Gene: Spec_90 Start: 39151, Stop: 39858, Start Num: 76
Candidate Starts for Spec_90:
(Start: 76 @39151 has 288 MA's), (97, 39190), (Start: 107 @39226 has 4 MA's), (Start: 127 @39298 has 1 MA's), (130, 39331), (163, 39502), (188, 39559), (200, 39601), (206, 39619), (211, 39637), (215, 39649), (216, 39658), (221, 39673), (227, 39697), (231, 39712), (243, 39769), (253, 39814), (254, 39817),

Gene: Specks_99 Start: 41365, Stop: 42072, Start Num: 76
Candidate Starts for Specks_99:
(Start: 76 @41365 has 288 MA's), (97, 41404), (Start: 107 @41440 has 4 MA's), (Start: 127 @41512 has 1 MA's), (130, 41545), (163, 41716), (188, 41773), (200, 41815), (206, 41833), (211, 41851), (215, 41863), (216, 41872), (221, 41887), (227, 41911), (231, 41926), (243, 41983), (253, 42028), (254, 42031),

Gene: Speedwell_57 Start: 40281, Stop: 39601, Start Num: 92
Candidate Starts for Speedwell_57:
(Start: 92 @40281 has 1 MA's), (Start: 105 @40239 has 1 MA's), (Start: 127 @40155 has 1 MA's), (139, 40086), (153, 39999), (182, 39909), (205, 39843), (227, 39762), (244, 39687), (246, 39675), (250, 39660), (252, 39651), (258, 39624),

Gene: Spelly_30 Start: 13767, Stop: 13048, Start Num: 72
Candidate Starts for Spelly_30:
(Start: 50 @13812 has 9 MA's), (Start: 72 @13767 has 77 MA's), (Start: 79 @13752 has 3 MA's), (103, 13704), (132, 13578), (139, 13548), (183, 13350), (223, 13215),

Gene: Spilled_29 Start: 13422, Stop: 12703, Start Num: 72
Candidate Starts for Spilled_29:
(Start: 72 @13422 has 77 MA's), (Start: 79 @13407 has 3 MA's), (103, 13359), (132, 13233), (139, 13203), (183, 13005), (195, 12972), (223, 12870),

Gene: Spooks_21 Start: 13991, Stop: 13284, Start Num: 76
Candidate Starts for Spooks_21:
(Start: 76 @13991 has 288 MA's), (Start: 95 @13958 has 1 MA's), (104, 13925), (Start: 127 @13838 has 1 MA's), (142, 13754), (153, 13682), (158, 13658), (161, 13652), (180, 13595), (188, 13583), (200, 13541), (211, 13505), (212, 13502), (227, 13445), (243, 13373), (245, 13361), (246, 13358), (252, 13334),

Gene: Sprinklers_88 Start: 37851, Stop: 38558, Start Num: 76
Candidate Starts for Sprinklers_88:
(Start: 76 @37851 has 288 MA's), (97, 37890), (Start: 107 @37926 has 4 MA's), (Start: 127 @37998 has 1 MA's), (130, 38031), (163, 38202), (188, 38259), (200, 38301), (206, 38319), (211, 38337), (215, 38349), (216, 38358), (221, 38373), (227, 38397), (231, 38412), (243, 38469), (253, 38514), (254, 38517),

Gene: Spud_93 Start: 39572, Stop: 40279, Start Num: 76
Candidate Starts for Spud_93:
(Start: 76 @39572 has 288 MA's), (97, 39611), (Start: 107 @39647 has 4 MA's), (Start: 127 @39719 has 1 MA's), (130, 39752), (163, 39923), (188, 39980), (200, 40022), (206, 40040), (211, 40058), (215, 40070), (216, 40079), (221, 40094), (227, 40118), (231, 40133), (243, 40190), (253, 40235), (254, 40238),

Gene: SqueakyClean_55 Start: 40419, Stop: 39706, Start Num: 76

Candidate Starts for SqueakyClean_55:
(43, 40461), (Start: 76 @40419 has 288 MA's), (150, 40122), (153, 40104), (154, 40095), (180, 40017), (188, 40005), (200, 39963), (210, 39936), (211, 39927), (215, 39915), (227, 39867), (243, 39795), (246, 39780), (252, 39756), (259, 39717),

Gene: Squillium_24 Start: 11775, Stop: 11041, Start Num: 72
Candidate Starts for Squillium_24:
(Start: 72 @11775 has 77 MA's), (99, 11724), (132, 11586), (139, 11556), (209, 11268), (223, 11214), (235, 11172), (236, 11163), (243, 11121), (248, 11097), (250, 11091),

Gene: Stanimal_30 Start: 13626, Stop: 12934, Start Num: 72
Candidate Starts for Stanimal_30:
(13, 13833), (19, 13800), (21, 13797), (25, 13776), (39, 13713), (Start: 72 @13626 has 77 MA's), (89, 13608), (99, 13575), (132, 13437), (144, 13380), (146, 13365), (209, 13155), (223, 13101),

Gene: StarPlatinum_28 Start: 13426, Stop: 12686, Start Num: 72
Candidate Starts for StarPlatinum_28:
(18, 13603), (29, 13555), (Start: 50 @13471 has 9 MA's), (Start: 72 @13426 has 77 MA's), (103, 13342), (132, 13216), (139, 13186), (183, 12988), (223, 12853), (255, 12709),

Gene: Starbow_28 Start: 13788, Stop: 13069, Start Num: 72
Candidate Starts for Starbow_28:
(Start: 50 @13833 has 9 MA's), (Start: 72 @13788 has 77 MA's), (Start: 79 @13773 has 3 MA's), (103, 13725), (132, 13599), (139, 13569), (146, 13527), (183, 13371), (223, 13236),

Gene: StephanieG_92 Start: 40441, Stop: 41148, Start Num: 76
Candidate Starts for StephanieG_92:
(Start: 76 @40441 has 288 MA's), (97, 40480), (Start: 107 @40516 has 4 MA's), (Start: 127 @40588 has 1 MA's), (130, 40621), (163, 40792), (188, 40849), (200, 40891), (206, 40909), (211, 40927), (215, 40939), (216, 40948), (221, 40963), (227, 40987), (231, 41002), (243, 41059), (253, 41104), (254, 41107),

Gene: Stewart25555_93 Start: 79180, Stop: 79941, Start Num: 50
Candidate Starts for Stewart25555_93:
(Start: 50 @79180 has 9 MA's), (98, 79279), (99, 79288), (150, 79522), (168, 79600), (211, 79717), (218, 79747), (227, 79777), (246, 79867), (248, 79876), (254, 79900), (257, 79915),

Gene: Stigma_8 Start: 3065, Stop: 2298, Start Num: 70
Candidate Starts for Stigma_8:
(Start: 60 @3083 has 1 MA's), (Start: 70 @3065 has 23 MA's), (99, 3011), (106, 2990), (129, 2891), (209, 2519), (233, 2426), (255, 2321),

Gene: Stubby_86 Start: 37657, Stop: 38364, Start Num: 76
Candidate Starts for Stubby_86:
(Start: 76 @37657 has 288 MA's), (97, 37696), (Start: 107 @37732 has 4 MA's), (Start: 127 @37804 has 1 MA's), (130, 37837), (163, 38008), (188, 38065), (200, 38107), (206, 38125), (211, 38143), (215, 38155), (216, 38164), (221, 38179), (227, 38203), (231, 38218), (243, 38275), (253, 38320), (254, 38323),

Gene: StubbySaigey_95 Start: 37918, Stop: 38625, Start Num: 76
Candidate Starts for StubbySaigey_95:
(Start: 76 @37918 has 288 MA's), (97, 37957), (Start: 107 @37993 has 4 MA's), (Start: 127 @38065 has 1 MA's), (130, 38098), (163, 38269), (188, 38326), (200, 38368), (206, 38386), (211, 38404), (215,

38416), (216, 38425), (221, 38440), (227, 38464), (231, 38479), (243, 38536), (253, 38581), (254, 38584),

Gene: Substance289_90 Start: 38904, Stop: 39611, Start Num: 76
Candidate Starts for Substance289_90:
(Start: 76 @38904 has 288 MA's), (97, 38943), (Start: 107 @38979 has 4 MA's), (Start: 127 @39051 has 1 MA's), (130, 39084), (163, 39255), (188, 39312), (200, 39354), (206, 39372), (211, 39390), (215, 39402), (216, 39411), (221, 39426), (227, 39450), (231, 39465), (243, 39522), (253, 39567), (254, 39570),

Gene: Success_21 Start: 13202, Stop: 12495, Start Num: 76
Candidate Starts for Success_21:
(Start: 76 @13202 has 288 MA's), (104, 13136), (Start: 127 @13049 has 1 MA's), (142, 12965), (158, 12869), (161, 12863), (180, 12806), (188, 12794), (200, 12752), (211, 12716), (212, 12713), (227, 12656), (243, 12584), (246, 12569), (252, 12545),

Gene: Sudan_53 Start: 38899, Stop: 38291, Start Num: 110
Candidate Starts for Sudan_53:
(9, 39262), (10, 39247), (11, 39226), (Start: 110 @38899 has 9 MA's), (Start: 127 @38845 has 1 MA's), (134, 38797), (139, 38776), (193, 38572), (227, 38452), (234, 38428), (243, 38380), (244, 38377), (246, 38365), (252, 38341),

Gene: Sujidade_51 Start: 37812, Stop: 37096, Start Num: 76
Candidate Starts for Sujidade_51:
(5, 38154), (7, 38100), (Start: 76 @37812 has 288 MA's), (Start: 105 @37740 has 1 MA's), (Start: 107 @37734 has 4 MA's), (Start: 127 @37650 has 1 MA's), (139, 37581), (153, 37494), (161, 37464), (188, 37395), (200, 37353), (210, 37326), (211, 37317), (215, 37305), (216, 37296), (226, 37260), (227, 37257), (243, 37185), (244, 37182), (246, 37170), (252, 37146), (257, 37122),

Gene: SunkenRoot_53 Start: 39628, Stop: 38990, Start Num: 107
Candidate Starts for SunkenRoot_53:
(9, 39976), (10, 39961), (11, 39940), (Start: 107 @39628 has 4 MA's), (Start: 110 @39607 has 9 MA's), (115, 39586), (Start: 127 @39544 has 1 MA's), (139, 39475), (153, 39388), (176, 39307), (227, 39151), (243, 39079), (244, 39076), (246, 39064), (252, 39040), (258, 39013), (259, 39001),

Gene: SunsetPointe_49 Start: 36374, Stop: 35661, Start Num: 76
Candidate Starts for SunsetPointe_49:
(Start: 76 @36374 has 288 MA's), (Start: 105 @36305 has 1 MA's), (Start: 107 @36299 has 4 MA's), (116, 36254), (Start: 127 @36215 has 1 MA's), (139, 36146), (153, 36059), (158, 36035), (191, 35951), (210, 35891), (227, 35822), (246, 35735), (252, 35711),

Gene: Superstar_61 Start: 40794, Stop: 40081, Start Num: 76
Candidate Starts for Superstar_61:
(Start: 76 @40794 has 288 MA's), (Start: 127 @40635 has 1 MA's), (139, 40566), (142, 40551), (188, 40380), (210, 40311), (211, 40302), (215, 40290), (227, 40242), (243, 40170), (246, 40155), (252, 40131), (259, 40092),

Gene: Sushi23_26 Start: 12049, Stop: 11357, Start Num: 75
Candidate Starts for Sushi23_26:
(Start: 64 @12073 has 2 MA's), (Start: 75 @12049 has 5 MA's), (Start: 79 @12043 has 3 MA's), (99, 12007), (103, 11995), (106, 11986), (132, 11869), (162, 11713), (195, 11641), (209, 11593), (223, 11539), (235, 11497),

Gene: SweetCrkHerbs_74 Start: 48711, Stop: 49424, Start Num: 72
Candidate Starts for SweetCrkHerbs_74:
(Start: 72 @48711 has 77 MA's), (Start: 92 @48747 has 1 MA's), (104, 48786), (Start: 110 @48816 has 9 MA's), (Start: 127 @48870 has 1 MA's), (131, 48906), (132, 48909), (139, 48939), (142, 48954), (149, 49002), (157, 49047), (169, 49092), (200, 49167), (227, 49263), (246, 49350),

Gene: TagePhighter_53 Start: 38624, Stop: 37911, Start Num: 76
Candidate Starts for TagePhighter_53:
(Start: 76 @38624 has 288 MA's), (Start: 105 @38552 has 1 MA's), (Start: 127 @38465 has 1 MA's), (137, 38402), (139, 38396), (153, 38309), (210, 38141), (215, 38120), (227, 38072), (243, 38000), (246, 37985), (252, 37961), (259, 37922),

Gene: Tainan_98 Start: 41015, Stop: 41722, Start Num: 76
Candidate Starts for Tainan_98:
(Start: 76 @41015 has 288 MA's), (97, 41054), (Start: 107 @41090 has 4 MA's), (Start: 127 @41162 has 1 MA's), (130, 41195), (163, 41366), (188, 41423), (200, 41465), (206, 41483), (211, 41501), (215, 41513), (216, 41522), (221, 41537), (227, 41561), (231, 41576), (243, 41633), (253, 41678), (254, 41681),

Gene: Tairn4Wing_74 Start: 48804, Stop: 49517, Start Num: 72
Candidate Starts for Tairn4Wing_74:
(Start: 72 @48804 has 77 MA's), (Start: 92 @48840 has 1 MA's), (104, 48879), (Start: 110 @48909 has 9 MA's), (Start: 127 @48963 has 1 MA's), (131, 48999), (132, 49002), (139, 49032), (142, 49047), (149, 49095), (157, 49140), (169, 49185), (200, 49260), (227, 49356), (229, 49365), (246, 49443),

Gene: Talia1610_102 Start: 82054, Stop: 82836, Start Num: 50
Candidate Starts for Talia1610_102:
(Start: 50 @82054 has 9 MA's), (98, 82156), (99, 82165), (150, 82417), (157, 82456), (180, 82522), (190, 82540), (218, 82642), (226, 82669), (243, 82747),

Gene: Targaryen_23 Start: 12201, Stop: 11512, Start Num: 72
Candidate Starts for Targaryen_23:
(Start: 72 @12201 has 77 MA's), (Start: 79 @12186 has 3 MA's), (98, 12159), (99, 12150), (103, 12138), (132, 12012), (139, 11982), (144, 11955), (162, 11856), (195, 11784), (209, 11736), (223, 11682), (235, 11640), (243, 11589), (248, 11565),

Gene: Teardrop_93 Start: 38689, Stop: 39396, Start Num: 76
Candidate Starts for Teardrop_93:
(Start: 76 @38689 has 288 MA's), (97, 38728), (Start: 107 @38764 has 4 MA's), (Start: 127 @38836 has 1 MA's), (130, 38869), (163, 39040), (188, 39097), (200, 39139), (206, 39157), (211, 39175), (215, 39187), (216, 39196), (221, 39211), (227, 39235), (231, 39250), (243, 39307), (253, 39352), (254, 39355),

Gene: Tefunt_54 Start: 40052, Stop: 39339, Start Num: 76
Candidate Starts for Tefunt_54:
(Start: 76 @40052 has 288 MA's), (Start: 127 @39893 has 1 MA's), (154, 39728), (180, 39650), (188, 39638), (200, 39596), (211, 39560), (215, 39548), (227, 39500), (243, 39428), (246, 39413), (252, 39389), (259, 39350),

Gene: Teutsch_24 Start: 11696, Stop: 10953, Start Num: 72
Candidate Starts for Teutsch_24:
(Start: 72 @11696 has 77 MA's), (89, 11678), (99, 11645), (139, 11477), (156, 11369), (209, 11189), (223, 11135), (235, 11093),

Gene: Thestral_57 Start: 40955, Stop: 40245, Start Num: 76
Candidate Starts for Thestral_57:
(Start: 76 @40955 has 288 MA's), (139, 40730), (154, 40634), (180, 40556), (188, 40544), (200, 40502), (210, 40475), (211, 40466), (215, 40454), (227, 40406), (243, 40334), (246, 40319), (252, 40295),

Gene: TinaBelcher_55 Start: 40903, Stop: 40193, Start Num: 76
Candidate Starts for TinaBelcher_55:
(Start: 76 @40903 has 288 MA's), (139, 40678), (150, 40609), (154, 40582), (180, 40504), (188, 40492), (200, 40450), (211, 40414), (215, 40402), (227, 40354), (243, 40282), (246, 40267), (252, 40243), (259, 40204),

Gene: TinyTim_93 Start: 39625, Stop: 40332, Start Num: 76
Candidate Starts for TinyTim_93:
(Start: 76 @39625 has 288 MA's), (97, 39664), (Start: 107 @39700 has 4 MA's), (Start: 127 @39772 has 1 MA's), (130, 39805), (163, 39976), (188, 40033), (200, 40075), (206, 40093), (211, 40111), (215, 40123), (216, 40132), (221, 40147), (227, 40171), (231, 40186), (243, 40243), (253, 40288), (254, 40291),

Gene: TomSawyer_28 Start: 13391, Stop: 12687, Start Num: 79
Candidate Starts for TomSawyer_28:
(Start: 50 @13451 has 9 MA's), (Start: 72 @13406 has 77 MA's), (Start: 79 @13391 has 3 MA's), (103, 13343), (132, 13217), (139, 13187), (183, 12989), (223, 12854),

Gene: Toma_51 Start: 37541, Stop: 36825, Start Num: 76
Candidate Starts for Toma_51:
(5, 37883), (7, 37829), (Start: 76 @37541 has 288 MA's), (Start: 105 @37469 has 1 MA's), (Start: 107 @37463 has 4 MA's), (Start: 127 @37379 has 1 MA's), (139, 37310), (153, 37223), (161, 37193), (188, 37124), (200, 37082), (210, 37055), (211, 37046), (215, 37034), (216, 37025), (227, 36986), (243, 36914), (244, 36911), (246, 36899), (252, 36875), (257, 36851),

Gene: Tomas_30 Start: 13977, Stop: 13258, Start Num: 65
Candidate Starts for Tomas_30:
(39, 14043), (44, 14019), (Start: 50 @14001 has 9 MA's), (Start: 65 @13977 has 1 MA's), (99, 13929), (132, 13791), (138, 13764), (144, 13734), (183, 13563), (204, 13488), (209, 13473), (223, 13419), (235, 13377), (255, 13275), (256, 13266),

Gene: Tonenili_107 Start: 43633, Stop: 44340, Start Num: 76
Candidate Starts for Tonenili_107:
(Start: 76 @43633 has 288 MA's), (97, 43672), (Start: 127 @43780 has 1 MA's), (130, 43813), (153, 43936), (163, 43984), (178, 44026), (194, 44062), (206, 44101), (216, 44140), (221, 44155), (227, 44179), (231, 44194), (254, 44299),

Gene: Toniann_94 Start: 57070, Stop: 57771, Start Num: 77
Candidate Starts for Toniann_94:
(61, 57040), (71, 57055), (Start: 77 @57070 has 23 MA's), (Start: 92 @57097 has 1 MA's), (99, 57121), (142, 57304), (150, 57355), (152, 57364), (200, 57514), (201, 57517), (203, 57523), (222, 57592), (226, 57607), (227, 57610), (244, 57685), (246, 57697), (252, 57721), (253, 57727), (257, 57745), (259, 57760),

Gene: Tortoise16_91 Start: 39483, Stop: 40190, Start Num: 76
Candidate Starts for Tortoise16_91:

(Start: 76 @39483 has 288 MA's), (97, 39522), (Start: 107 @39558 has 4 MA's), (Start: 127 @39630 has 1 MA's), (130, 39663), (163, 39834), (188, 39891), (200, 39933), (206, 39951), (211, 39969), (215, 39981), (216, 39990), (221, 40005), (227, 40029), (231, 40044), (243, 40101), (253, 40146), (254, 40149),

Gene: Trax_108 Start: 62602, Stop: 63306, Start Num: 77
Candidate Starts for Trax_108:
(49, 62539), (Start: 77 @62602 has 23 MA's), (Start: 92 @62629 has 1 MA's), (99, 62653), (108, 62689), (Start: 110 @62698 has 9 MA's), (126, 62752), (139, 62824), (142, 62839), (152, 62899), (154, 62917), (185, 63001), (200, 63049), (211, 63085), (212, 63088), (214, 63091), (222, 63127), (227, 63145), (243, 63217), (246, 63232), (253, 63262),

Gene: Tribute_24 Start: 11905, Stop: 11204, Start Num: 72
Candidate Starts for Tribute_24:
(Start: 72 @11905 has 77 MA's), (Start: 79 @11890 has 3 MA's), (99, 11854), (103, 11842), (135, 11704), (139, 11686), (162, 11560), (195, 11488), (209, 11440), (223, 11386), (235, 11344),

Gene: Trina_42 Start: 16447, Stop: 15740, Start Num: 76
Candidate Starts for Trina_42:
(Start: 76 @16447 has 288 MA's), (113, 16339), (120, 16318), (123, 16309), (Start: 127 @16294 has 1 MA's), (137, 16231), (150, 16156), (157, 16117), (187, 16039), (215, 15949), (216, 15940), (227, 15901), (246, 15814), (252, 15790),

Gene: Trinitium_89 Start: 37656, Stop: 38363, Start Num: 76
Candidate Starts for Trinitium_89:
(Start: 76 @37656 has 288 MA's), (97, 37695), (Start: 107 @37731 has 4 MA's), (Start: 127 @37803 has 1 MA's), (130, 37836), (163, 38007), (188, 38064), (200, 38106), (206, 38124), (211, 38142), (215, 38154), (216, 38163), (221, 38178), (227, 38202), (231, 38217), (243, 38274), (253, 38319), (254, 38322),

Gene: Triste_52 Start: 38623, Stop: 37910, Start Num: 76
Candidate Starts for Triste_52:
(Start: 76 @38623 has 288 MA's), (Start: 105 @38551 has 1 MA's), (Start: 127 @38464 has 1 MA's), (137, 38401), (139, 38395), (153, 38308), (210, 38140), (215, 38119), (227, 38071), (243, 37999), (246, 37984), (252, 37960), (259, 37921),

Gene: Triumph_57 Start: 40269, Stop: 39556, Start Num: 76
Candidate Starts for Triumph_57:
(2, 41031), (Start: 76 @40269 has 288 MA's), (Start: 127 @40110 has 1 MA's), (139, 40041), (158, 39930), (161, 39924), (188, 39855), (205, 39798), (210, 39786), (211, 39777), (215, 39765), (216, 39756), (227, 39717), (243, 39645), (246, 39630), (252, 39606), (253, 39600), (259, 39567),

Gene: Trufflozitus_73 Start: 49319, Stop: 50032, Start Num: 72
Candidate Starts for Trufflozitus_73:
(Start: 72 @49319 has 77 MA's), (Start: 92 @49355 has 1 MA's), (104, 49394), (Start: 110 @49424 has 9 MA's), (Start: 127 @49478 has 1 MA's), (131, 49514), (132, 49517), (139, 49547), (142, 49562), (149, 49610), (157, 49655), (169, 49700), (200, 49775), (227, 49871), (229, 49880), (246, 49958),

Gene: TrvxScott_54 Start: 40949, Stop: 40239, Start Num: 76
Candidate Starts for TrvxScott_54:
(Start: 76 @40949 has 288 MA's), (139, 40724), (150, 40655), (154, 40628), (180, 40550), (188, 40538), (200, 40496), (210, 40469), (211, 40460), (215, 40448), (227, 40400), (243, 40328), (246, 40313), (252, 40289), (259, 40250),

Gene: TuanPN_50 Start: 38576, Stop: 37863, Start Num: 76
Candidate Starts for TuanPN_50:
(Start: 76 @38576 has 288 MA's), (Start: 105 @38504 has 1 MA's), (Start: 127 @38417 has 1 MA's), (137, 38354), (139, 38348), (153, 38261), (210, 38093), (215, 38072), (227, 38024), (243, 37952), (246, 37937), (252, 37913), (259, 37874),

Gene: Tuesday_33 Start: 13812, Stop: 13093, Start Num: 72
Candidate Starts for Tuesday_33:
(Start: 50 @13857 has 9 MA's), (Start: 72 @13812 has 77 MA's), (Start: 79 @13797 has 3 MA's), (103, 13749), (132, 13623), (139, 13593), (183, 13395), (223, 13260),

Gene: TunaTartare_8 Start: 3142, Stop: 2426, Start Num: 57
Candidate Starts for TunaTartare_8:
(Start: 57 @3142 has 2 MA's), (67, 3121), (129, 2947), (153, 2815), (184, 2710), (209, 2647), (219, 2608), (255, 2449),

Gene: Turret_88 Start: 37322, Stop: 38029, Start Num: 76
Candidate Starts for Turret_88:
(Start: 76 @37322 has 288 MA's), (97, 37361), (Start: 107 @37397 has 4 MA's), (Start: 127 @37469 has 1 MA's), (130, 37502), (163, 37673), (188, 37730), (200, 37772), (206, 37790), (211, 37808), (215, 37820), (216, 37829), (221, 37844), (227, 37868), (231, 37883), (243, 37940), (253, 37985), (254, 37988),

Gene: Tyke_95 Start: 41191, Stop: 41898, Start Num: 76
Candidate Starts for Tyke_95:
(Start: 76 @41191 has 288 MA's), (97, 41230), (Start: 107 @41266 has 4 MA's), (Start: 127 @41338 has 1 MA's), (130, 41371), (163, 41542), (188, 41599), (200, 41641), (206, 41659), (211, 41677), (215, 41689), (216, 41698), (221, 41713), (227, 41737), (231, 41752), (243, 41809), (253, 41854), (254, 41857),

Gene: Unstoppable_50 Start: 36257, Stop: 35544, Start Num: 76
Candidate Starts for Unstoppable_50:
(Start: 76 @36257 has 288 MA's), (Start: 105 @36188 has 1 MA's), (Start: 107 @36182 has 4 MA's), (116, 36137), (Start: 127 @36098 has 1 MA's), (139, 36029), (153, 35942), (158, 35918), (191, 35834), (210, 35774), (227, 35705), (246, 35618), (252, 35594),

Gene: ValleyTerrace_93 Start: 38630, Stop: 39337, Start Num: 76
Candidate Starts for ValleyTerrace_93:
(Start: 76 @38630 has 288 MA's), (97, 38669), (Start: 107 @38705 has 4 MA's), (Start: 127 @38777 has 1 MA's), (130, 38810), (163, 38981), (188, 39038), (200, 39080), (206, 39098), (211, 39116), (215, 39128), (216, 39137), (221, 39152), (227, 39176), (231, 39191), (243, 39248), (253, 39293), (254, 39296),

Gene: Vanseggelen_58 Start: 38912, Stop: 38304, Start Num: 110
Candidate Starts for Vanseggelen_58:
(9, 39275), (10, 39260), (26, 39155), (Start: 110 @38912 has 9 MA's), (Start: 127 @38858 has 1 MA's), (139, 38789), (193, 38585), (212, 38522), (227, 38465), (246, 38378), (250, 38363), (252, 38354), (258, 38327), (259, 38315),

Gene: Verabelle_56 Start: 38665, Stop: 37958, Start Num: 78
Candidate Starts for Verabelle_56:

(9, 38941), (10, 38926), (Start: 78 @38665 has 3 MA's), (Start: 105 @38596 has 1 MA's), (Start: 127 @38512 has 1 MA's), (139, 38443), (153, 38356), (176, 38275), (205, 38200), (227, 38119), (243, 38047), (244, 38044), (246, 38032), (250, 38017), (252, 38008), (253, 38002), (258, 37981), (259, 37969),

Gene: Verse_53 Start: 39800, Stop: 39162, Start Num: 107
Candidate Starts for Verse_53:
(Start: 107 @39800 has 4 MA's), (Start: 110 @39779 has 9 MA's), (115, 39758), (Start: 127 @39716 has 1 MA's), (139, 39647), (153, 39560), (176, 39479), (227, 39323), (243, 39251), (244, 39248), (246, 39236), (247, 39230), (252, 39212), (258, 39185), (259, 39173),

Gene: Vortrix_108 Start: 43039, Stop: 43746, Start Num: 76
Candidate Starts for Vortrix_108:
(Start: 76 @43039 has 288 MA's), (97, 43078), (Start: 127 @43186 has 1 MA's), (130, 43219), (153, 43342), (163, 43390), (178, 43432), (194, 43468), (206, 43507), (216, 43546), (221, 43561), (227, 43585), (231, 43600), (254, 43705),

Gene: VroomVroom_35 Start: 24591, Stop: 25298, Start Num: 76
Candidate Starts for VroomVroom_35:
(15, 24390), (Start: 76 @24591 has 288 MA's), (97, 24636), (99, 24648), (132, 24783), (211, 25074), (215, 25086), (224, 25122), (232, 25155), (254, 25257),

Gene: WaddleDee_89 Start: 77598, Stop: 78398, Start Num: 54
Candidate Starts for WaddleDee_89:
(Start: 54 @77598 has 4 MA's), (98, 77688), (99, 77697), (137, 77901), (150, 77973), (168, 78057), (186, 78093), (211, 78174), (218, 78204), (248, 78333),

Gene: Wakanda_8 Start: 3861, Stop: 3163, Start Num: 70
Candidate Starts for Wakanda_8:
(Start: 70 @3861 has 23 MA's), (99, 3807), (159, 3522), (209, 3387), (217, 3354), (235, 3291), (236, 3282), (255, 3189),

Gene: Wally_92 Start: 38180, Stop: 38887, Start Num: 76
Candidate Starts for Wally_92:
(Start: 76 @38180 has 288 MA's), (97, 38219), (Start: 107 @38255 has 4 MA's), (Start: 127 @38327 has 1 MA's), (130, 38360), (163, 38531), (188, 38588), (200, 38630), (206, 38648), (211, 38666), (215, 38678), (216, 38687), (221, 38702), (227, 38726), (231, 38741), (243, 38798), (253, 38843), (254, 38846),

Gene: Warpy_28 Start: 12415, Stop: 11726, Start Num: 72
Candidate Starts for Warpy_28:
(Start: 72 @12415 has 77 MA's), (Start: 79 @12400 has 3 MA's), (89, 12397), (99, 12364), (132, 12226), (139, 12196), (144, 12169), (162, 12070), (195, 11998), (209, 11950), (223, 11896), (235, 11854), (243, 11803), (248, 11779),

Gene: WashU_26 Start: 12212, Stop: 11511, Start Num: 72
Candidate Starts for WashU_26:
(Start: 72 @12212 has 77 MA's), (Start: 79 @12197 has 3 MA's), (99, 12161), (103, 12149), (139, 11993), (162, 11867), (195, 11795), (209, 11747), (223, 11693), (235, 11651),

Gene: Watermoore_25 Start: 12101, Stop: 11358, Start Num: 72
Candidate Starts for Watermoore_25:

(Start: 66 @12110 has 1 MA's), (Start: 72 @12101 has 77 MA's), (Start: 79 @12086 has 3 MA's), (99, 12050), (139, 11882), (156, 11774), (209, 11594), (223, 11540), (235, 11498),

Gene: Weasels2_43 Start: 15119, Stop: 14382, Start Num: 63
Candidate Starts for Weasels2_43:
(Start: 63 @15119 has 6 MA's), (124, 14963), (128, 14936), (136, 14894), (138, 14885), (170, 14711), (204, 14645), (209, 14630), (217, 14597),

Gene: Werner_51 Start: 38621, Stop: 37908, Start Num: 76
Candidate Starts for Werner_51:
(Start: 76 @38621 has 288 MA's), (Start: 105 @38549 has 1 MA's), (Start: 127 @38462 has 1 MA's), (137, 38399), (139, 38393), (153, 38306), (210, 38138), (215, 38117), (227, 38069), (243, 37997), (246, 37982), (252, 37958), (259, 37919),

Gene: Westy_8 Start: 3065, Stop: 2298, Start Num: 70
Candidate Starts for Westy_8:
(Start: 60 @3083 has 1 MA's), (Start: 70 @3065 has 23 MA's), (99, 3011), (106, 2990), (129, 2891), (209, 2519), (233, 2426), (255, 2321),

Gene: Whatever_51 Start: 38647, Stop: 37934, Start Num: 76
Candidate Starts for Whatever_51:
(Start: 76 @38647 has 288 MA's), (Start: 105 @38575 has 1 MA's), (Start: 127 @38488 has 1 MA's), (137, 38425), (139, 38419), (153, 38332), (210, 38164), (215, 38143), (227, 38095), (243, 38023), (246, 38008), (252, 37984), (259, 37945),

Gene: WhereRU_23 Start: 11602, Stop: 10868, Start Num: 72
Candidate Starts for WhereRU_23:
(Start: 72 @11602 has 77 MA's), (99, 11551), (132, 11413), (139, 11383), (209, 11095), (223, 11041), (235, 10999), (236, 10990), (243, 10948), (248, 10924), (250, 10918),

Gene: WilliamBoone_93 Start: 55836, Stop: 56537, Start Num: 77
Candidate Starts for WilliamBoone_93:
(Start: 59 @55800 has 2 MA's), (61, 55803), (71, 55821), (Start: 77 @55836 has 23 MA's), (Start: 92 @55863 has 1 MA's), (99, 55887), (139, 56055), (142, 56070), (150, 56121), (152, 56130), (180, 56226), (200, 56280), (222, 56358), (227, 56376), (246, 56463), (252, 56487), (253, 56493), (259, 56526),

Gene: Willis_94 Start: 39520, Stop: 40227, Start Num: 76
Candidate Starts for Willis_94:
(Start: 76 @39520 has 288 MA's), (97, 39559), (Start: 107 @39595 has 4 MA's), (Start: 127 @39667 has 1 MA's), (130, 39700), (163, 39871), (188, 39928), (200, 39970), (206, 39988), (211, 40006), (215, 40018), (216, 40027), (221, 40042), (227, 40066), (231, 40081), (243, 40138), (253, 40183), (254, 40186),

Gene: Wipeout_28 Start: 13428, Stop: 12709, Start Num: 72
Candidate Starts for Wipeout_28:
(Start: 50 @13473 has 9 MA's), (Start: 72 @13428 has 77 MA's), (Start: 79 @13413 has 3 MA's), (103, 13365), (132, 13239), (139, 13209), (183, 13011), (223, 12876),

Gene: Wofford_27 Start: 12603, Stop: 11899, Start Num: 81
Candidate Starts for Wofford_27:
(Start: 81 @12603 has 2 MA's), (103, 12540), (132, 12414), (135, 12402), (139, 12384), (209, 12132), (223, 12078), (230, 12048),

Gene: Yaboi_31 Start: 13602, Stop: 12910, Start Num: 72
Candidate Starts for Yaboi_31:
(13, 13809), (19, 13776), (21, 13773), (25, 13752), (39, 13689), (Start: 72 @13602 has 77 MA's), (89, 13584), (99, 13551), (132, 13413), (144, 13356), (146, 13341), (209, 13131), (223, 13077),

Gene: Yasdnil_51 Start: 38601, Stop: 37960, Start Num: 105
Candidate Starts for Yasdnil_51:
(Start: 76 @38673 has 288 MA's), (Start: 105 @38601 has 1 MA's), (Start: 127 @38514 has 1 MA's), (137, 38451), (139, 38445), (153, 38358), (210, 38190), (215, 38169), (227, 38121), (243, 38049), (246, 38034), (252, 38010), (259, 37971),

Gene: Yassified_89 Start: 37889, Stop: 38596, Start Num: 76
Candidate Starts for Yassified_89:
(Start: 76 @37889 has 288 MA's), (97, 37928), (Start: 107 @37964 has 4 MA's), (Start: 127 @38036 has 1 MA's), (130, 38069), (163, 38240), (188, 38297), (200, 38339), (206, 38357), (211, 38375), (215, 38387), (216, 38396), (221, 38411), (227, 38435), (231, 38450), (243, 38507), (253, 38552), (254, 38555),

Gene: YemiJoy2021_94 Start: 39622, Stop: 40329, Start Num: 76
Candidate Starts for YemiJoy2021_94:
(Start: 76 @39622 has 288 MA's), (97, 39661), (Start: 107 @39697 has 4 MA's), (Start: 127 @39769 has 1 MA's), (130, 39802), (163, 39973), (188, 40030), (200, 40072), (206, 40090), (211, 40108), (215, 40120), (216, 40129), (221, 40144), (227, 40168), (231, 40183), (243, 40240), (253, 40285), (254, 40288),

Gene: Yosif_56 Start: 39935, Stop: 39297, Start Num: 107
Candidate Starts for Yosif_56:
(Start: 107 @39935 has 4 MA's), (115, 39893), (Start: 127 @39851 has 1 MA's), (139, 39782), (153, 39695), (210, 39527), (215, 39506), (227, 39458), (243, 39386), (246, 39371), (250, 39356), (252, 39347), (258, 39320), (259, 39308),

Gene: YoungMoneyMata_93 Start: 38381, Stop: 39088, Start Num: 76
Candidate Starts for YoungMoneyMata_93:
(Start: 76 @38381 has 288 MA's), (97, 38420), (Start: 107 @38456 has 4 MA's), (Start: 127 @38528 has 1 MA's), (130, 38561), (163, 38732), (188, 38789), (200, 38831), (206, 38849), (211, 38867), (215, 38879), (216, 38888), (221, 38903), (227, 38927), (231, 38942), (243, 38999), (253, 39044), (254, 39047),

Gene: Yucca_93 Start: 39544, Stop: 40251, Start Num: 76
Candidate Starts for Yucca_93:
(Start: 76 @39544 has 288 MA's), (97, 39583), (Start: 107 @39619 has 4 MA's), (Start: 127 @39691 has 1 MA's), (130, 39724), (163, 39895), (188, 39952), (200, 39994), (206, 40012), (211, 40030), (215, 40042), (216, 40051), (221, 40066), (227, 40090), (231, 40105), (243, 40162), (253, 40207), (254, 40210),

Gene: Zainub_56 Start: 40050, Stop: 39337, Start Num: 76
Candidate Starts for Zainub_56:
(Start: 76 @40050 has 288 MA's), (115, 39933), (Start: 127 @39891 has 1 MA's), (139, 39822), (142, 39807), (153, 39735), (192, 39621), (200, 39594), (210, 39567), (211, 39558), (227, 39498), (237, 39465), (243, 39426), (246, 39411), (252, 39387),

Gene: Zalkecks_94 Start: 39310, Stop: 40017, Start Num: 76

Candidate Starts for Zalkecks_94:
(Start: 76 @39310 has 288 MA's), (97, 39349), (Start: 107 @39385 has 4 MA's), (Start: 127 @39457 has 1 MA's), (130, 39490), (163, 39661), (188, 39718), (200, 39760), (206, 39778), (211, 39796), (215, 39808), (216, 39817), (221, 39832), (227, 39856), (231, 39871), (243, 39928), (253, 39973), (254, 39976),

Gene: ZamZam_53 Start: 39289, Stop: 38681, Start Num: 110
Candidate Starts for ZamZam_53:
(9, 39652), (10, 39637), (Start: 110 @39289 has 9 MA's), (Start: 127 @39235 has 1 MA's), (139, 39166), (153, 39079), (193, 38962), (212, 38899), (227, 38842), (234, 38818), (243, 38770), (244, 38767), (246, 38755), (252, 38731),

Gene: Zeenon_95 Start: 39237, Stop: 39944, Start Num: 76
Candidate Starts for Zeenon_95:
(Start: 76 @39237 has 288 MA's), (97, 39276), (Start: 107 @39312 has 4 MA's), (Start: 127 @39384 has 1 MA's), (130, 39417), (163, 39588), (188, 39645), (200, 39687), (206, 39705), (211, 39723), (215, 39735), (216, 39744), (221, 39759), (227, 39783), (231, 39798), (243, 39855), (253, 39900), (254, 39903),

Gene: Zemlya_52 Start: 37566, Stop: 36853, Start Num: 76
Candidate Starts for Zemlya_52:
(6, 37905), (8, 37851), (Start: 76 @37566 has 288 MA's), (Start: 105 @37494 has 1 MA's), (Start: 127 @37407 has 1 MA's), (132, 37368), (135, 37356), (137, 37344), (139, 37338), (153, 37251), (180, 37164), (210, 37083), (215, 37062), (227, 37014), (243, 36942), (246, 36927), (252, 36903),

Gene: Zooman_121 Start: 83374, Stop: 84141, Start Num: 80
Candidate Starts for Zooman_121:
(Start: 80 @83374 has 4 MA's), (Start: 95 @83407 has 1 MA's), (99, 83425), (Start: 127 @83587 has 1 MA's), (132, 83626), (139, 83656), (147, 83704), (166, 83797), (182, 83833), (193, 83860), (203, 83893), (211, 83920), (218, 83950),

Gene: Zuko_48 Start: 38704, Stop: 37907, Start Num: 38
Candidate Starts for Zuko_48:
(33, 38731), (35, 38713), (Start: 38 @38704 has 1 MA's), (41, 38692), (Start: 50 @38662 has 9 MA's), (Start: 60 @38638 has 1 MA's), (Start: 64 @38632 has 2 MA's), (82, 38596), (88, 38593), (94, 38578), (101, 38554), (117, 38497), (132, 38422), (139, 38392), (178, 38221), (180, 38218), (189, 38203), (200, 38164), (201, 38161), (203, 38155), (210, 38137), (218, 38098), (227, 38068), (239, 38026), (243, 37996), (244, 37993), (246, 37981), (252, 37957),

Gene: phiCAM_51 Start: 40930, Stop: 40250, Start Num: 92
Candidate Starts for phiCAM_51:
(9, 41224), (10, 41209), (Start: 92 @40930 has 1 MA's), (Start: 105 @40888 has 1 MA's), (Start: 127 @40804 has 1 MA's), (139, 40735), (153, 40648), (182, 40558), (205, 40492), (227, 40411), (244, 40336), (246, 40324), (250, 40309), (252, 40300), (258, 40273),

Gene: phiHau3_56 Start: 40106, Stop: 39402, Start Num: 76
Candidate Starts for phiHau3_56:
(20, 40283), (23, 40262), (Start: 76 @40106 has 288 MA's), (98, 40067), (101, 40052), (Start: 105 @40040 has 1 MA's), (Start: 127 @39956 has 1 MA's), (132, 39917), (137, 39893), (139, 39887), (142, 39872), (144, 39860), (150, 39818), (152, 39809), (178, 39716), (180, 39713), (199, 39662), (200, 39659), (227, 39563), (243, 39491), (246, 39476), (252, 39452), (257, 39428),