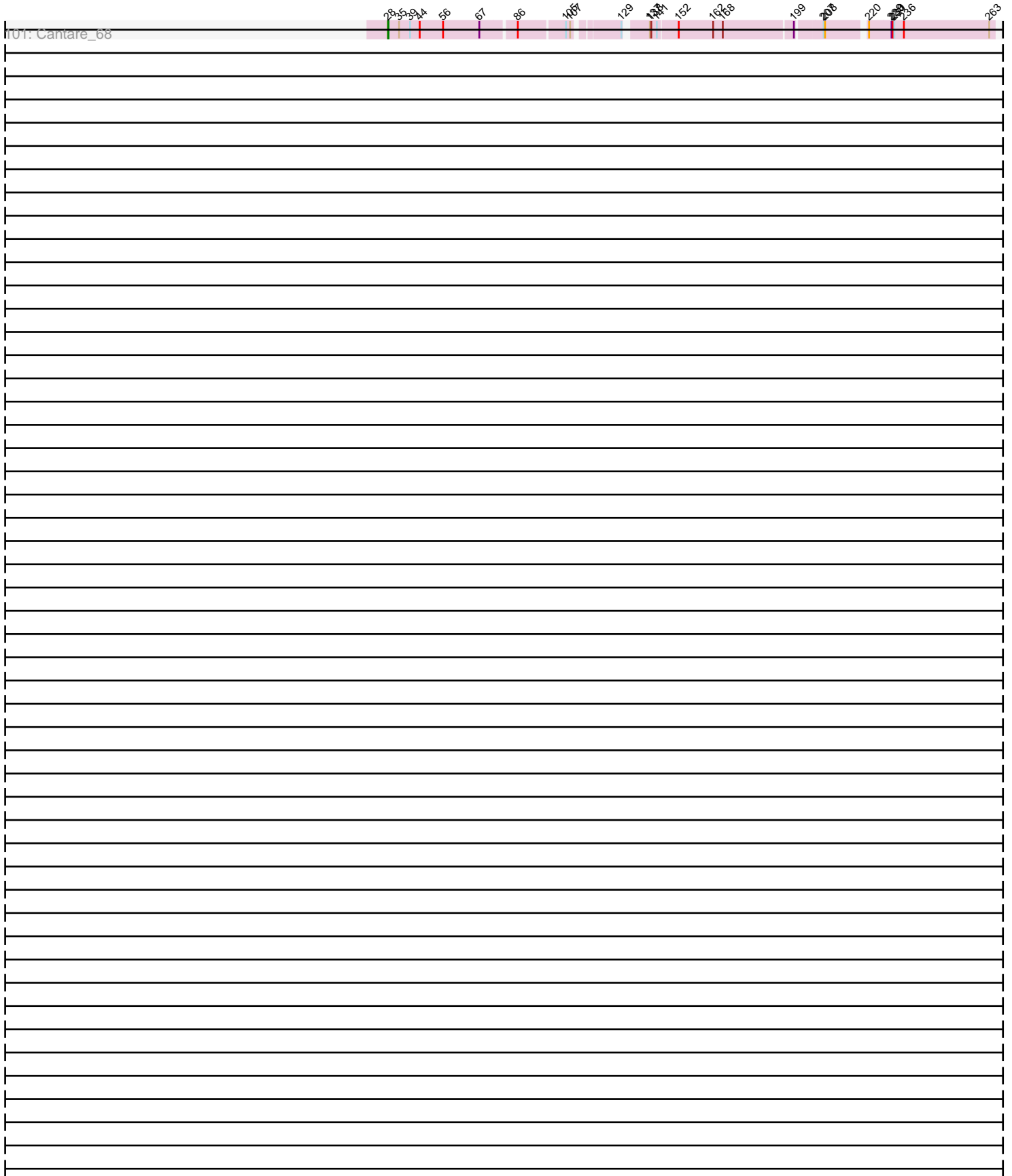


Pham 192208

1: Settecandela_121 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
2: Daubenski_85	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
3: Leo04_84 + 14	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
4: Teutsch_83	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
5: Anedea_82	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
6: Paradiddles_78	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
7: Evy_83 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
8: Squillum_82 + 4	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
9: Mildred21_81	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
10: Bmoc_81	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
11: LlmMartin_80 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
12: Navo_80	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
13: Jay2Jay_87 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
14: WhereRU_80 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
15: MuchMansion_80	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
16: NoolNool_78	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
17: Peebs_82	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
18: Wipeout_82 + 11	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
19: Genie2_85 + 4	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
20: IchabodCrane_82 + 6	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
21: StarPlatinum_85	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
22: Wolford_84	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
23: Tomas_88	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
24: Elmer_87	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
25: Mugiwara_86	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
26: Enygma_85	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
27: Battuta_83	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
28: LukeCage_84	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
29: Comrade_85 + 3	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
30: Annadreamy_82 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
31: Phredrick_84 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
32: TunaTartare_83	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
33: Francob_83	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
34: Beufler_82	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
35: Kaip_83	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
36: Patelgo_84 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
37: Emma1919_86	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
38: Faust_85 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
39: Gilson_85 + 2	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
40: Blueeyedbeauty_84	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
41: Sham_81	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
42: MeganTheeKilla_83	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
43: BillNye_80	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
44: Muntaha_82 + 1	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
45: Circinus_82	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
46: BRock_138	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
47: GJoJo_138	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
48: LuckySocke_145	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
49: Alone3_148	24	38	52	64	74	86	96	106	116	128	136	152	168	186	198	206	213	224	237				
50: Concombre_216 + 1	10	13	17	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	251

Pham 192208



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 192208 Report

This analysis was run 11/02/24 on database version 579.

Pham number 192208 has 461 members, 41 are drafts.

Phages represented in each track:

- Track 1 : Settecandela_121, Phrappuccino_121
- Track 2 : Daubenski_85
- Track 3 : Leo04_84, Pepperwood_83, PacManQ_82, HangryHippo_83, BlueOtter_83, Sushi23_82, Scheme_85, Larnav_83, EGole_84, Cross_83, Samisti12_83, Lululemon_82, Tribute_81, Cursive_81, Watermoore_83
- Track 4 : Teutsch_83
- Track 5 : Anedea_82
- Track 6 : Paradiddles_78
- Track 7 : Evy_83, Targaryen_83
- Track 8 : Squillium_82, PinkiePie_81, Bartholomune_81, Persimmon_81, Liandry_81
- Track 9 : Mildred21_81
- Track 10 : Bmoc_81
- Track 11 : LilMartin_80, Angela_80
- Track 12 : Navo_80
- Track 13 : Jay2Jay_87, Warpy_86
- Track 14 : WhereRU_80, Braelyn_83
- Track 15 : MulchMansion_80
- Track 16 : NootNoot_78
- Track 17 : Peebs_82
- Track 18 : Wipeout_82, Jollison_84, TomSawyer_83, Starbow_83, Quaran19_84, MindFlayer_82, Birchlyn_82, Amabiko_85, PumpkinSpice_84, Spelly_85, SaltySpitoon_84, Bordeaux_83
- Track 19 : Genie2_85, Sollertia_85, BoomerJR_85, Stanimal_85, Yaboi_85
- Track 20 : IchabodCrane_82, Gibbi_89, Karimac_84, KentuckyRacer_85, JimJam_85, CeilingFan_87, Spilled_86
- Track 21 : StarPlatinum_85
- Track 22 : Wofford_84
- Track 23 : Tomas_88
- Track 24 : Elmer_87
- Track 25 : Mugiwara_86
- Track 26 : Enygma_85
- Track 27 : Battuta_83
- Track 28 : LukeCage_84
- Track 29 : Comrade_65, Belfort_66, SparkleGoddess_65, Stigma_64
- Track 30 : Annadreamy_62, Limpid_61
- Track 31 : Phredrick_64, Kenrey_66

- Track 32 : TunaTartare_63
- Track 33 : Francob_63
- Track 34 : Beuffert_62
- Track 35 : Karp_63
- Track 36 : Patelgo_64, Moab_65
- Track 37 : Emma1919_66
- Track 38 : Faust_65, SeresaTree_65
- Track 39 : Gilson_65, Forrest_66, Jada_64
- Track 40 : Blueeyedbeauty_64
- Track 41 : Sham_61
- Track 42 : MeganTheeKilla_63
- Track 43 : BillNye_60
- Track 44 : Muntaha_62, Wakanda_61
- Track 45 : Circinus_62
- Track 46 : BRock_138
- Track 47 : GiJojo_138
- Track 48 : LuckySocke_145
- Track 49 : Alone3_148
- Track 50 : Concombre_216, Demodog_217
- Track 51 : HyRo_199, Cali_204, Astraea_205, Alice_198, FoxtrotP1_209, EmToTheThree_211, StephanieG_207, MikeLiesIn_213, Pleione_215, Kamryn_210, Lee7_211, Flabslab_206, JustHall_205, Willis_212, Shelob_212, CharlieB_205, ZygoTaiga_208, Roots515_213, Delilah_209, FudgeTart_206, TinyTim_209, DirtMonster_204, NedWong_210, Daffodil_216, LinStu_210, RoMag_206, Stubby_195, Khaleesi_210, Norm_211, Shifa_188, Bipolarisk_209, Maby2021_211, DrPhinkDaddy_208, Gizmo_217, NoodleTree_217, ParkTD_210, Ewok_210, McWolfish_208, PurduePete_211, NuevoMundo_214, Loanshark_208, SrishMeg2525_208, Bread_206, Megamind_208, Zeenon_213, Zalkecks_210, Ava3_210, Capablanca_216, Bonray_213, Yucca_211, Sebata_212, Jessibeth14_211, Rabinovish_204, Spud_205
- Track 52 : Basquiat_208, Naval22_216, Ngannou_208, Patter_212, Turret_204, ChickenPhender_207, Erdmann_212, Latch_211, Shrimp_213, Grungle_195, Phox_212, Halldule_204, InigoMontoya_214, Atlantean_211, Littleton_214, Janiyra_214, Audrick_213, IkeLoa_203, Rizal_203, Morizzled23_208, Teardrop_208, Gamgam_212, Dandelion_219, MoMoMixon_209, McGee_210, Momo_212, Chargie21_208, Nappy_212, Babyland_214, Iota_206, CindyLou_212, Naija_212, Pivoine_212, LolaVinca_209, Darko_210, Kboogie_215, Dietrick_200, Amataga_212, Sauce_207, BananaFence_208, Ading_212, ET08_199, Phlegm_215, Fludd_211, Cactojaque_206, Shaqnato_202, Pier_212, QBert_203, Ghost_211, Jemmno_210, Chomp_211, Wally_209, StubbySaigey_216, Catera_203, Trinitium_207, Nidhogg_212, Quasimodo_213, Ronan_207, BadAgartude_205, Pinkcreek_195, Napoleon13_208, ValleyTerrace_212, BeanWater_203, ErnieJ_204, Sprinklers_209, SilverDipper_215
- Track 53 : DTDevon_213, Breeniome_210, Phusco_209, Burrough_213, Tortoise16_209, Jedediah_211, Essence_208, Gabriel_214, Salacia_211, LordLeafolot_213, Derek_208, LifeSavor_210, Spec_206, SmallFry_211, EasyJones_214, FrayBell_214, Melpomini_206, Rahel_212, Bangla1971_211, Shnickers_209, ShiaLabeouf_208, Drazdys_209, Blackbrain_208, ArcherS7_211, Specks_215, Tyke_209, Bxz1_201, Guwapp_206, Tainan_212, JPickles_207, Pio_219
- Track 54 : Grasshills_219, EggyFarm_220, BigCity_220
- Track 55 : Bigswole_216, InterFolia_214, JulietS_204, Adlitam_210, Matsumoto_210, JigglyPuff_218, Caravan_202

- Track 56 : Asterius_207, JayJay_209, Issimir_204, Domi_205, Izajani_209, Mikro_207
- Track 57 : Delylah_213, YemiJoy2021_212
- Track 58 : Tonenili_233
- Track 59 : Lukilu_202, Koguma_210, LRRHood_204
- Track 60 : YoungMoneyMata_210, ScottMcG_205, ChaylaJr_209, BackyardAgain_207, EmmaElysia_215
- Track 61 : Yassified_208
- Track 62 : l3_221
- Track 63 : Blubba_200, Colt_202, Cane17_202
- Track 64 : Blackdragon_206
- Track 65 : Mangeria_212
- Track 66 : Jaygup_207
- Track 67 : Greely_199
- Track 68 : Myrna_193
- Track 69 : ScoobyDoobyDoo_191
- Track 70 : Phabba_204
- Track 71 : Peregrin_103
- Track 72 : Weasels2_105
- Track 73 : Grayson_106
- Track 74 : Trina_105
- Track 75 : NiceHouse_93
- Track 76 : Dorin_80
- Track 77 : Francesca_80
- Track 78 : Skog_213
- Track 79 : CherryTomatoes_155, SCentae_153, Pupper_154
- Track 80 : Chidiebere_104, Kabocha_105, Twin_97, Schomber_102
- Track 81 : Beted_102, Oogie_101, Lenoshki_102
- Track 82 : FlyingTortilla_102
- Track 83 : Alok_97, Hanem_103
- Track 84 : MintFritos_99
- Track 85 : GMA6_88
- Track 86 : UBSmoodge_106
- Track 87 : ChisanaKitsune_102, Gray_103, Pakusa_98
- Track 88 : DalanDe_87
- Track 89 : ScarletRaider_104
- Track 90 : Stormageddon_77, RedWattleHog_80
- Track 91 : Phaja_117
- Track 92 : Adnama_119, JeTaime_114, Lilpickle_114, Phaux_117, Pumpkin_116, GoldenSpark_119, Barbarian_115, Filch_118, BilboSwaggins_115, Palpatine_116, Dumbo_115, Cjw1_115, Icee_120, MPhalcon_116, Rimmer_113, Daikon_117, Elph10_114, Policronamos_119, Goku_115, Paperbeatsrock_114, MISSy_116, ChosenOne_115, MadamMonkfish_114, Marshmallow_117, Gage_117, HanKaySha_115, Lilizi_115, Nimrod_116, Petra64142_119, Moldemort_117, Emmina_115, Elite2014_114, CrystalP_116, Maxxinista_117, Miniwave_110, StolenFromERC_117, Manda_116, Easy2Say_115, Hoonter_118, Gemini_120, FireRed_118, Thresher_116, Mosby_112, SophKB_114, OrionPax_113, NoSleep_115, Balomoji_116, StellaBean_113, Kanye_112, Bench_117, Pharsalus_115, Phrux_111, Tomaszewski_110, GooberAzure_118, Eureka_115, Pat3_115, Porky_114, Simpliphy_113, PhatBacter_118, Xandras_115, Hopey_115, BaboJay_115, Traaww1_112, Misfit_116, xkcd_119, TeardropMSU_115, Buck_116, YassJohnny_112, Stank_118, Ukulele_110, Mindy_118, Saints25_111, Dusk_116, BadStone_116, Asriel_114, Youngblood_119, ABCat_116, Czyszczon1_115,

Cactus_123, BigBubba_117, Goldilocks_119, Myrale_116, Highbury_111, Toto_114, Rakim_117, HufflyPuff_117, Tuco_120, Sassay_110, ShereKhan_113, RiverMonster_114, ShamWow_116, Contagion_112, ChotaBhai_119, Kimchi_120, Bruin_112, Murica_119, TBrady12_119, Wiggin_118, NelitzaMV_112, Stark_115, DoctorDiddles_114, Teaspoon_116, 244_117, Tarkin_114, Flypotenuse_112, Command613_118, Sotrice96_120, AmericanBeauty_118, Qualification_116, Lilac_116, Argent26_119, Terminus_118, Murphy_114, BugsBunny_114, Holt_121, Nala_117

- Track 93 : Glexan_118, Harella_120, Kostya_118, Gator_117, IHOP_117, DrDrey_119, Henry_117, Cookies_116

- Track 94 : Bask21_119, SirDuracell_119, Amao_119

- Track 95 : Inca_115

- Track 96 : Willez_110

- Track 97 : JeanGrey_96

- Track 98 : E3_gp155

- Track 99 : Kumao_88

- Track 100 : Finch_78

- Track 101 : Cantare_68

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

The start number called the most often in the published annotations is 24, it was called in 173 of the 420 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ading_212, Alice_198, Alone3_148, Amataga_212, ArcherS7_211, Astraea_205, Atlantean_211, Audrick_213, Ava3_210, BRock_138, Babyland_214, BackyardAgain_207, BadAgartude_205, BananaFence_208, Bangla1971_211, Basquiat_208, BeanWater_203, BigCity_220, Bipolarisk_209, Blackbrain_208, Blubba_200, Bonray_213, Bread_206, Breeniome_210, Burrough_213, Bxz1_201, Cactojaque_206, Cali_204, Cane17_202, Capablanca_216, Catera_203, Chergie21_208, CharlieB_205, ChaylaJr_209, CherryTomatoes_155, ChickenPhender_207, Chomp_211, CindyLou_212, Colt_202, DTDevon_213, Daffodil_216, Dandelion_219, Darko_210, Delilah_209, Delylah_213, Derek_208, Dietrick_200, DirtMonster_204, DrPhinkDaddy_208, Drazdys_209, ET08_199, EasyJones_214, EggyFarm_220, EmToTheThree_211, EmmaElysia_215, Erdmann_212, ErnieJ_204, Essence_208, Ewok_210, Flabslab_206, Fludd_211, FoxtrotP1_209, FrayBell_214, FudgeTart_206, Gabriel_214, Gamgam_212, Ghost_211, GiJojo_138, Gizmo_217, Grasshills_219, Grungle_195, Guwapp_206, Halldule_204, HyRo_199, I3_221, IkeLoa_203, InigoMontoya_214, Iota_206, JPickles_207, Janiyra_214, Jedediah_211, Jemmno_210, Jessibeth14_211, JustHall_205, Kamryn_210, Kboogie_215, Khaleesi_210, Koguma_210, Kumao_88, LRRHood_204, Latch_211, Lee7_211, LifeSavor_210, LinStu_210, Littleton_214, Loanshark_208, LolaVinca_209, LordLeafolot_213, LuckySocke_145, Lukilu_202, Maby2021_211, Mangeria_212, McGee_210, McWolfish_208, Megamind_208, Melpomini_206, MikeLiesIn_213, MoMoMixon_209, Momo_212, Morizzled23_208, Naija_212, Napoleon13_208, Nappy_212, Naval22_216, NedWong_210, Ngannou_208, Nidhogg_212, NoodleTree_217, Norm_211, NuevoMundo_214, ParkTD_210, Patter_212, Phlegm_215, Phox_212, Phrappuccino_121, Phusco_209, Pier_212, Pinkcreek_195, Pio_219, Pivoine_212, Pleione_215, Pupper_154,

PurduePete_211, QBert_203, Quasimodo_213, Rabinovish_204, Rahel_212, Rizal_203, RoMag_206, Ronan_207, Roots515_213, SCentae_153, Salacia_211, Sauce_207, ScottMcG_205, Sebata_212, Settecandela_121, Shaqnato_202, Shelob_212, ShiaLabeouf_208, Shifa_188, Shnickers_209, Shrimp_213, SilverDipper_215, Skog_213, SmallFry_211, Spec_206, Specks_215, Sprinklers_209, Spud_205, SrishMeg2525_208, StephanieG_207, StubbySaigey_216, Stubby_195, Tainan_212, Teardrop_208, TinyTim_209, Tonenili_233, Tortoise16_209, Trinitium_207, Turret_204, Tyke_209, ValleyTerrace_212, Wally_209, Willis_212, Yassified_208, YemiJoy2021_212, YoungMoneyMata_210, Yucca_211, Zalkecks_210, Zeenon_213, ZygoTaiga_208,

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

- Adlitam_210, Asterius_207, Bigswole_216, Blackdragon_206, Caravan_202, Concombre_216, Demodog_217, Domi_205, InterFolia_214, Issimir_204, Izajani_209, JayJay_209, Jaygup_207, JigglyPuff_218, JulietS_204, Matsumoto_210, Mikro_207,

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

- 244_117, ABCat_116, Adnama_119, Aloki_97, Amabiko_85, Amao_119, AmericanBeauty_118, Anedea_82, Angela_80, Annadreamy_62, Argent26_119, Asriel_114, BaboJay_115, BadStone_116, Balomoji_116, Barbarian_115, Bartholomune_81, Bask21_119, Battuta_83, Belfort_66, Bench_117, Beted_102, Beuffert_62, BigBubba_117, BilboSwaggins_115, BillNye_60, Birchlyn_82, BlueOtter_83, Blueeyedbeauty_64, Bmoc_81, BoomerJR_85, Bordeaux_83, Braelyn_83, Bruin_112, Buck_116, BugsBunny_114, Cactus_123, Cantare_68, CeilingFan_87, Chidiebere_104, ChisanaKitsune_102, ChosenOne_115, ChotaBhai_119, Circinus_62, Cjw1_115, Command613_118, Comrade_65, Contagion_112, Cookies_116, Cross_83, CrystalP_116, Cursive_81, Czyszczon1_115, Daikon_117, DalanDe_87, Daubenski_85, DoctorDiddles_114, Dorin_80, DrDrey_119, Dumbo_115, Dusk_116, E3_gp155, EGole_84, Easy2Say_115, Elite2014_114, Elmer_87, Elph10_114, Emma1919_66, Emmina_115, Enygma_85, Eureka_115, Evy_83, Faust_65, Filch_118, Finch_78, FireRed_118, FlyingTortilla_102, Flypotenuse_112, Forrest_66, Francesca_80, Francob_63, GMA6_88, Gage_117, Gator_117, Gemini_120, Genie2_85, Gibbi_89, Gilson_65, Glexan_118, Goku_115, GoldenSpark_119, Goldilocks_119, GooberAzure_118, Gray_103, Grayson_106, Greely_199, HanKaySha_115, Hanem_103, HangryHippo_83, Harella_120, Henry_117, Highbury_111, Holt_121, Hoonter_118, Hopey_115, HufflyPuff_117, IHOP_117, Icee_120, IchabodCrane_82, Inca_115, Jada_64, Jay2Jay_87, JeTaime_114, JeanGrey_96, JimJam_85, Jollison_84, Kabocha_105, Kanye_112, Karimac_84, Karp_63, Kenrey_66, KentuckyRacer_85, Kimchi_120, Kostya_118, Larnav_83, Lenoshki_102, Leo04_84, Liandry_81, LilMartin_80, Lilac_116, Lilizi_115, Lilpickle_114, Limpid_61, LukeCage_84, Lululemon_82, MISSy_116, MPhalcon_116, MadamMonkfish_114, Manda_116, Marshmallow_117, Maxxinista_117, MeganTheeKilla_63, Mildred21_81, MindFlayer_82, Mindy_118, Miniwave_110, MintFritos_99, Misfit_116, Moab_65, Moldemort_117, Mosby_112, Mugiwara_86, MulchMansion_80, Muntaha_62, Murica_119, Murphy_114, Myrale_116, Myrna_193, Nala_117, Navo_80, NelitzaMV_112, NiceHouse_93, Nimrod_116, NoSleep_115, NootNoot_78, Oogie_101, OrionPax_113, PacManQ_82, Pakusa_98, Palpatine_116, Paperbeatsrock_114, Paradiddles_78, Pat3_115, Patelgo_64, Peebs_82, Pepperwood_83, Peregrin_103, Persimmon_81, Petra64142_119, Phabba_204, Phaja_117, Pharsalus_115, PhatBacter_118, Phaux_117, Phredrick_64, Phrux_111, PinkiePie_81, Policronamos_119, Porky_114, PumpkinSpice_84, Pumpkin_116,

Qualification_116, Quaran19_84, Rakim_117, RedWattleHog_80, Rimmer_113, RiverMonster_114, Saints25_111, SaltySpitoon_84, Samisti12_83, Sassay_110, ScarletRaider_104, Scheme_85, Schomber_102, ScoobyDoobyDoo_191, SeresaTree_65, ShamWow_116, Sham_61, ShereKhan_113, Simpliphy_113, SirDuracell_119, Sollertia_85, SophKB_114, Sotrice96_120, SparkleGoddess_65, Spelly_85, Spilled_86, Squillium_82, Stanimal_85, Stank_118, StarPlatinum_85, Starbow_83, Stark_115, StellaBean_113, Stigma_64, StolenFromERC_117, Stormageddon_77, Sushi23_82, TBrady12_119, Targaryen_83, Tarkin_114, TeardropMSU_115, Teaspoon_116, Terminus_118, Teutsch_83, Thresher_116, TomSawyer_83, Tomas_88, Tomaszewski_110, Toto_114, Traaww1_112, Tribute_81, Trina_105, Tuco_120, TunaTartare_63, Twin_97, UBSmoodge_106, Ukulele_110, Wakanda_61, Warpy_86, Watermoore_83, Weasels2_105, WhereRU_80, Wiggin_118, Willez_110, Wipeout_82, Wofford_84, Xandras_115, Yaboi_85, YassJohnny_112, Youngblood_119, xkcd_119,

Summary by start number:

Start 12:

- Found in 1 of 461 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 420
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Finch_78 (singleton),

Start 17:

- Found in 187 of 461 (40.6%) of genes in pham
- Manual Annotations of this start: 8 of 420
- Called 9.1% of time when present
- Phage (with cluster) where this start called: Adlitam_210 (C1), Asterius_207 (C1), Bigswole_216 (C1), Blackdragon_206 (C1), Caravan_202 (C1), Concombre_216 (C1), Demodog_217 (C1), Domi_205 (C1), InterFolia_214 (C1), Issimir_204 (C1), Izajani_209 (C1), JayJay_209 (C1), Jaygup_207 (C1), JigglyPuff_218 (C1), JulietS_204 (C1), Matsumoto_210 (C1), Mikro_207 (C1),

Start 19:

- Found in 1 of 461 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: E3_gp155 (singleton),

Start 24:

- Found in 199 of 461 (43.2%) of genes in pham
- Manual Annotations of this start: 173 of 420
- Called 91.5% of time when present
- Phage (with cluster) where this start called: Ading_212 (C1), Alice_198 (C1), Alone3_148 (BS), Amataga_212 (C1), ArcherS7_211 (C1), Astraea_205 (C1), Atlantean_211 (C1), Audrick_213 (C1), Ava3_210 (C1), BRock_138 (BS), Babyland_214 (C1), BackyardAgain_207 (C1), BadAgartude_205 (C1), BananaFence_208 (C1), Bangla1971_211 (C1), Basquiat_208 (C1), BeanWater_203 (C1), BigCity_220 (C1), Bipolarisk_209 (C1), Blackbrain_208 (C1), Blubba_200 (C1), Bonray_213 (C1), Bread_206 (C1), Breeniome_210 (C1), Burrough_213 (C1), Bxz1_201 (C1), Cactojaque_206 (C1), Cali_204 (C1), Cane17_202 (C1), Capablanca_216 (C1), Catera_203 (C1), Chargie21_208 (C1), CharlieB_205 (C1), ChaylaJr_209 (C1), CherryTomatoes_155 (DO), ChickenPhender_207 (C1),

Chomp_211 (C1), CindyLou_212 (C1), Colt_202 (C1), DTDevon_213 (C1),
 Daffodil_216 (C1), Dandelion_219 (C1), Darko_210 (C1), Delilah_209 (C1),
 Delylah_213 (C1), Derek_208 (C1), Dietrick_200 (C1), DirtMonster_204 (C1),
 DrPhinkDaddy_208 (C1), Drazdys_209 (C1), ET08_199 (C1), EasyJones_214 (C1),
 EggyFarm_220 (C1), EmToTheThree_211 (C1), EmmaElysia_215 (C1),
 Erdmann_212 (C1), ErnieJ_204 (C1), Essence_208 (C1), Ewok_210 (C1),
 Flabslab_206 (C1), Fludd_211 (C1), FoxtrotP1_209 (C1), FrayBell_214 (C1),
 FudgeTart_206 (C1), Gabriel_214 (C1), Gamgam_212 (C1), Ghost_211 (C1),
 GiJojo_138 (BS), Gizmo_217 (C1), Grasshills_219 (C1), Grungle_195 (C1),
 Guwapp_206 (C1), Halldule_204 (C1), HyRo_199 (C1), I3_221 (C1), IkeLoa_203
 (C1), InigoMontoya_214 (C1), Iota_206 (C1), JPickles_207 (C1), Janiyra_214 (C1),
 Jedediah_211 (C1), Jemmno_210 (C1), Jessibeth14_211 (C1), JustHall_205 (C1),
 Kamryn_210 (C1), Kboogie_215 (C1), Khaleesi_210 (C1), Koguma_210 (C1),
 Kumao_88 (singleton), LRRHood_204 (C1), Latch_211 (C1), Lee7_211 (C1),
 LifeSavor_210 (C1), LinStu_210 (C1), Littleton_214 (C1), Loanshark_208 (C1),
 LolaVinca_209 (C1), LordLeafolot_213 (C1), LuckySocke_145 (BS), Lukilu_202 (C1),
 Maby2021_211 (C1), Mangeria_212 (C1), McGee_210 (C1), McWolfish_208 (C1),
 Megamind_208 (C1), Melpomini_206 (C1), MikeLiesIn_213 (C1), MoMoMixon_209
 (C1), Momo_212 (C1), Morizzled23_208 (C1), Naija_212 (C1), Napoleon13_208
 (C1), Nappy_212 (C1), Naval22_216 (C1), NedWong_210 (C1), Ngannou_208 (C1),
 Nidhogg_212 (C1), NoodleTree_217 (C1), Norm_211 (C1), NuevoMundo_214 (C1),
 ParkTD_210 (C1), Patter_212 (C1), Phlegm_215 (C1), Phox_212 (C1),
 Phrappuccino_121 (AA), Phusco_209 (C1), Pier_212 (C1), Pinkcreek_195 (C1),
 Pio_219 (C1), Pivoine_212 (C1), Pleione_215 (C1), Pupper_154 (DO),
 PurduePete_211 (C1), QBert_203 (C1), Quasimodo_213 (C1), Rabinovish_204 (C1),
 Rahel_212 (C1), Rizal_203 (C1), RoMag_206 (C1), Ronan_207 (C1), Roots515_213
 (C1), SCentae_153 (DO), Salacia_211 (C1), Sauce_207 (C1), ScottMcG_205 (C1),
 Sebata_212 (C1), Settecandela_121 (AA), Shaq nato_202 (C1), Shelob_212 (C1),
 ShiaLabeouf_208 (C1), Shifa_188 (C1), Shnickers_209 (C1), Shrimp_213 (C1),
 SilverDipper_215 (C1), Skog_213 (DO), SmallFry_211 (C1), Spec_206 (C1),
 Specks_215 (C1), Sprinklers_209 (C1), Spud_205 (C1), SrishMeg2525_208 (C1),
 StephanieG_207 (C1), StubbySaigey_216 (C1), Stubby_195 (C1), Tainan_212 (C1),
 Teardrop_208 (C1), TinyTim_209 (C1), Tonenili_233 (C1), Tortoise16_209 (C1),
 Trinitium_207 (C1), Turret_204 (C1), Tyke_209 (C1), ValleyTerrace_212 (C1),
 Wally_209 (C1), Willis_212 (C1), Yassified_208 (C1), YemiJoy2021_212 (C1),
 YoungMoneyMata_210 (C1), Yucca_211 (C1), Zalkecks_210 (C1), Zeenon_213 (C1),
 ZygoTaiga_208 (C1),

Start 25:

- Found in 3 of 461 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 420
- Called 33.3% of time when present
- Phage (with cluster) where this start called: UBSmoodge_106 (DQ),

Start 26:

- Found in 3 of 461 (0.7%) of genes in pham
- Manual Annotations of this start: 2 of 420
- Called 100.0% of time when present
- Phage (with cluster) where this start called: JeanGrey_96 (singleton),
RedWattleHog_80 (DX), Stormageddon_77 (DX),

Start 27:

- Found in 2 of 461 (0.4%) of genes in pham

- Manual Annotations of this start: 2 of 420
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Grayson_106 (CB), Peregrin_103 (CB),

Start 28:

- Found in 89 of 461 (19.3%) of genes in pham
- Manual Annotations of this start: 73 of 420
- Called 95.5% of time when present
- Phage (with cluster) where this start called: Aloki_97 (DQ), Amabiko_85 (BE2), Angela_80 (BE1), Bartholomune_81 (BE1), Battuta_83 (BE2), Beted_102 (DQ), Birchlyn_82 (BE2), BlueOtter_83 (BE1), Bmoc_81 (BE1), BoomerJR_85 (BE2), Bordeaux_83 (BE2), Braelyn_83 (BE1), Cantare_68 (singleton), CeilingFan_87 (BE2), Chidiebere_104 (DQ), ChisanaKitsune_102 (DQ), Cross_83 (BE1), Cursive_81 (BE1), Daubenski_85 (BE1), EGole_84 (BE1), Elmer_87 (BE2), Enygma_85 (BE2), Evy_83 (BE1), FlyingTortilla_102 (DQ), GMA6_88 (DQ), Genie2_85 (BE2), Gibbi_89 (BE2), Gray_103 (DQ), Hanem_103 (DQ), HangryHippo_83 (BE1), IchabodCrane_82 (BE2), Jay2Jay_87 (BE1), JimJam_85 (BE2), Jollison_84 (BE2), Kabocha_105 (DQ), Karimac_84 (BE2), KentuckyRacer_85 (BE2), Larnav_83 (BE1), Lenoshki_102 (DQ), Leo04_84 (BE1), Liandry_81 (BE1), LilMartin_80 (BE1), LukeCage_84 (BE2), Lululemon_82 (BE1), Mildred21_81 (BE1), MindFlayer_82 (BE2), MintFritos_99 (DQ), Mugiwara_86 (BE2), MulchMansion_80 (BE1), Navo_80 (BE1), NootNoot_78 (BE1), Oogie_101 (DQ), PacManQ_82 (BE1), Pakusa_98 (DQ), Paradiddles_78 (BE1), Peebs_82 (BE1), Pepperwood_83 (BE1), Persimmon_81 (BE1), PinkiePie_81 (BE1), PumpkinSpice_84 (BE2), Quarant19_84 (BE2), SaltySpittoon_84 (BE2), Samisti12_83 (BE1), ScarletRaider_104 (DQ), Scheme_85 (BE1), Schomber_102 (DQ), Sollertia_85 (BE2), Spelly_85 (BE2), Spilled_86 (BE2), Squillium_82 (BE1), Stanimal_85 (BE2), StarPlatinum_85 (BE2), Starbow_83 (BE2), Sushi23_82 (BE1), Targaryen_83 (BE1), Teutsch_83 (BE1), TomSawyer_83 (BE2), Tomas_88 (BE2), Tribute_81 (BE1), Twin_97 (DQ), Warpy_86 (BE1), Watermoore_83 (BE1), WhereRU_80 (BE1), Wipeout_82 (BE2), Yaboi_85 (BE2),

Start 29:

- Found in 4 of 461 (0.9%) of genes in pham
- Manual Annotations of this start: 4 of 420
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Dorin_80 (CG), Francesca_80 (CG), Trina_105 (CE), Weasels2_105 (CB),

Start 30:

- Found in 6 of 461 (1.3%) of genes in pham
- Manual Annotations of this start: 3 of 420
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Greely_199 (C2), Myrna_193 (C2), Phabba_204 (C2), ScoobyDoobyDoo_191 (C2),

Start 31:

- Found in 28 of 461 (6.1%) of genes in pham
- Manual Annotations of this start: 27 of 420
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Annadreamy_62 (BK1), Belfort_66 (BK1), Beuffert_62 (BK1), BillNye_60 (BK2), Blueeyedbeauty_64 (BK1), Circinus_62 (BK2), Comrade_65 (BK1), Emma1919_66 (BK1), Faust_65 (BK1), Forrest_66 (BK1),

Francob_63 (BK1), Gilson_65 (BK1), Jada_64 (BK1), Karp_63 (BK1), Kenrey_66 (BK1), Limpid_61 (BK1), MeganTheeKilla_63 (BK1), Moab_65 (BK1), Muntaha_62 (BK2), NiceHouse_93 (CE), Patelgo_64 (BK1), Phredrick_64 (BK1), SeresaTree_65 (BK1), Sham_61 (BK1), SparkleGoddess_65 (BK1), Stigma_64 (BK1), TunaTartare_63 (BK1), Wakanda_61 (BK2),

Start 32:

- Found in 130 of 461 (28.2%) of genes in pham
- Manual Annotations of this start: 123 of 420
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 244_117 (E), ABCat_116 (E), Adnama_119 (E), Amao_119 (E), AmericanBeauty_118 (E), Argent26_119 (E), Asriel_114 (E), BaboJay_115 (E), BadStone_116 (E), Balomoji_116 (E), Barbarian_115 (E), Bask21_119 (E), Bench_117 (E), BigBubba_117 (E), BilboSwaggins_115 (E), Bruin_112 (E), Buck_116 (E), BugsBunny_114 (E), Cactus_123 (E), ChosenOne_115 (E), ChotaBhai_119 (E), Cjw1_115 (E), Command613_118 (E), Contagion_112 (E), Cookies_116 (E), CrystalP_116 (E), Czystczon1_115 (E), Daikon_117 (E), DoctorDiddles_114 (E), DrDrey_119 (E), Dumbo_115 (E), Dusk_116 (E), Easy2Say_115 (E), Elite2014_114 (E), Elph10_114 (E), Emmina_115 (E), Eureka_115 (E), Filch_118 (E), FireRed_118 (E), Flypotenuse_112 (E), Gage_117 (E), Gator_117 (E), Gemini_120 (E), Glexan_118 (E), Goku_115 (E), GoldenSpark_119 (E), Goldilocks_119 (E), GooberAzure_118 (E), HanKaySha_115 (E), Harella_120 (E), Henry_117 (E), Highbury_111 (E), Holt_121 (E), Hoonter_118 (E), Hopey_115 (E), HufflyPuff_117 (E), IHOP_117 (E), Icee_120 (E), Inca_115 (E), JeTaime_114 (E), Kanye_112 (E), Kimchi_120 (E), Kostya_118 (E), Lilac_116 (E), Lilizi_115 (E), Lilpickle_114 (E), MISSy_116 (E), MPhalcon_116 (E), MadamMonkfish_114 (E), Manda_116 (E), Marshmallow_117 (E), Maxxinista_117 (E), Mindy_118 (E), Miniwave_110 (E), Misfit_116 (E), Moldemort_117 (E), Mosby_112 (E), Murica_119 (E), Murphy_114 (E), Myrale_116 (E), Nala_117 (E), NelitzaMV_112 (E), Nimrod_116 (E), NoSleep_115 (E), OrionPax_113 (E), Palpatine_116 (E), Paperbeatsrock_114 (E), Pat3_115 (E), Petra64142_119 (E), Phaja_117 (E), Pharsalus_115 (E), PhatBacter_118 (E), Paux_117 (E), Phrux_111 (E), Policronamos_119 (E), Porky_114 (E), Pumpkin_116 (E), Quallification_116 (E), Rakim_117 (E), Rimmer_113 (E), RiverMonster_114 (E), Saints25_111 (E), Sassay_110 (E), ShamWow_116 (E), ShereKhan_113 (E), Simpliphy_113 (E), SirDuracell_119 (E), SophKB_114 (E), Sotrice96_120 (E), Stank_118 (E), Stark_115 (E), StellaBean_113 (E), StolenFromERC_117 (E), TBrady12_119 (E), Tarkin_114 (E), TeardropMSU_115 (E), Teaspoon_116 (E), Terminus_118 (E), Thresher_116 (E), Tomaszewski_110 (E), Toto_114 (E), Traaww1_112 (E), Tuco_120 (E), Ukulele_110 (E), Wiggin_118 (E), Willez_110 (E), Xandras_115 (E), YassJohnny_112 (E), Youngblood_119 (E), xkcd_119 (E),

Start 43:

- Found in 415 of 461 (90.0%) of genes in pham
- Manual Annotations of this start: 2 of 420
- Called 0.5% of time when present
- Phage (with cluster) where this start called: Anedea_82 (BE1), Wofford_84 (BE2),

Start 50:

- Found in 3 of 461 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 420
- Called 33.3% of time when present
- Phage (with cluster) where this start called: DalanDe_87 (DQ),

Summary by clusters:

There are 16 clusters represented in this pham: AA, DO, singleton, E, DX, CB, CG, CE, BK1, BK2, BS, BE2, C2, C1, BE1, DQ,

Info for manual annotations of cluster AA:

- Start number 24 was manually annotated 2 times for cluster AA.

Info for manual annotations of cluster BE1:

- Start number 28 was manually annotated 36 times for cluster BE1.
- Start number 43 was manually annotated 1 time for cluster BE1.

Info for manual annotations of cluster BE2:

- Start number 28 was manually annotated 28 times for cluster BE2.
- Start number 43 was manually annotated 1 time for cluster BE2.

Info for manual annotations of cluster BK1:

- Start number 31 was manually annotated 22 times for cluster BK1.

Info for manual annotations of cluster BK2:

- Start number 31 was manually annotated 4 times for cluster BK2.

Info for manual annotations of cluster BS:

- Start number 24 was manually annotated 4 times for cluster BS.

Info for manual annotations of cluster C1:

- Start number 17 was manually annotated 8 times for cluster C1.
- Start number 24 was manually annotated 162 times for cluster C1.

Info for manual annotations of cluster C2:

- Start number 30 was manually annotated 3 times for cluster C2.

Info for manual annotations of cluster CB:

- Start number 27 was manually annotated 2 times for cluster CB.
- Start number 29 was manually annotated 1 time for cluster CB.

Info for manual annotations of cluster CE:

- Start number 29 was manually annotated 1 time for cluster CE.
- Start number 31 was manually annotated 1 time for cluster CE.

Info for manual annotations of cluster CG:

- Start number 29 was manually annotated 2 times for cluster CG.

Info for manual annotations of cluster DO:

- Start number 24 was manually annotated 4 times for cluster DO.

Info for manual annotations of cluster DQ:

- Start number 25 was manually annotated 1 time for cluster DQ.
- Start number 28 was manually annotated 8 times for cluster DQ.
- Start number 50 was manually annotated 1 time for cluster DQ.

Info for manual annotations of cluster DX:

•Start number 26 was manually annotated 2 times for cluster DX.

Info for manual annotations of cluster E:

•Start number 32 was manually annotated 123 times for cluster E.

Gene Information:

Gene: 244_117 Start: 65306, Stop: 66268, Start Num: 32

Candidate Starts for 244_117:

(Start: 32 @65306 has 123 MA's), (Start: 43 @65363 has 2 MA's), (51, 65390), (63, 65462), (64, 65465), (74, 65519), (94, 65606), (99, 65624), (100, 65627), (119, 65717), (121, 65729), (138, 65792), (141, 65804), (155, 65864), (158, 65885), (165, 65927), (172, 65951), (191, 66014), (202, 66071), (210, 66119), (214, 66134),

Gene: ABCat_116 Start: 66789, Stop: 67751, Start Num: 32

Candidate Starts for ABCat_116:

(Start: 32 @66789 has 123 MA's), (Start: 43 @66846 has 2 MA's), (51, 66873), (63, 66945), (64, 66948), (74, 67002), (94, 67089), (99, 67107), (100, 67110), (119, 67200), (121, 67212), (138, 67275), (141, 67287), (155, 67347), (158, 67368), (165, 67410), (172, 67434), (191, 67497), (202, 67554), (210, 67602), (214, 67617),

Gene: Ading_212 Start: 117756, Stop: 118844, Start Num: 24

Candidate Starts for Ading_212:

(10, 117624), (13, 117684), (Start: 17 @117726 has 8 MA's), (Start: 24 @117756 has 173 MA's), (42, 117822), (Start: 43 @117825 has 2 MA's), (45, 117828), (47, 117840), (53, 117858), (56, 117873), (74, 117978), (84, 118020), (87, 118041), (91, 118059), (106, 118137), (135, 118245), (152, 118323), (157, 118350), (161, 118371), (178, 118455), (186, 118473), (187, 118476), (188, 118479), (200, 118551), (213, 118632), (216, 118647), (221, 118695), (237, 118767), (257, 118833),

Gene: Adlitam_210 Start: 116330, Stop: 117448, Start Num: 17

Candidate Starts for Adlitam_210:

(10, 116228), (13, 116288), (Start: 17 @116330 has 8 MA's), (Start: 24 @116360 has 173 MA's), (42, 116426), (Start: 43 @116429 has 2 MA's), (45, 116432), (47, 116444), (53, 116462), (56, 116477), (74, 116582), (84, 116624), (87, 116645), (91, 116663), (106, 116741), (135, 116849), (152, 116927), (157, 116954), (161, 116975), (178, 117059), (186, 117077), (187, 117080), (188, 117083), (200, 117155), (213, 117236), (216, 117251), (221, 117299), (237, 117371), (257, 117437),

Gene: Adnama_119 Start: 65219, Stop: 66181, Start Num: 32

Candidate Starts for Adnama_119:

(Start: 32 @65219 has 123 MA's), (Start: 43 @65276 has 2 MA's), (51, 65303), (63, 65375), (64, 65378), (74, 65432), (94, 65519), (99, 65537), (100, 65540), (119, 65630), (121, 65642), (138, 65705), (141, 65717), (155, 65777), (158, 65798), (165, 65840), (172, 65864), (191, 65927), (202, 65984), (210, 66032), (214, 66047),

Gene: Alice_198 Start: 116328, Stop: 117416, Start Num: 24

Candidate Starts for Alice_198:

(10, 116196), (13, 116256), (Start: 17 @116298 has 8 MA's), (Start: 24 @116328 has 173 MA's), (42, 116394), (Start: 43 @116397 has 2 MA's), (45, 116400), (47, 116412), (53, 116430), (56, 116445), (74, 116550), (84, 116592), (87, 116613), (91, 116631), (106, 116709), (122, 116778), (135, 116817), (152, 116895), (157, 116922), (161, 116943), (178, 117027), (186, 117045), (187, 117048), (188, 117051), (200, 117123), (202, 117132), (213, 117204), (216, 117219), (221, 117267), (237, 117339),

(257, 117405),

Gene: Alok_i_97 Start: 74301, Stop: 75407, Start Num: 28

Candidate Starts for Alok_i_97:

(16, 74256), (20, 74268), (22, 74277), (Start: 28 @74301 has 73 MA's), (42, 74361), (Start: 43 @74364 has 2 MA's), (44, 74367), (55, 74412), (56, 74415), (57, 74421), (67, 74490), (72, 74511), (94, 74604), (95, 74610), (99, 74622), (103, 74649), (105, 74655), (115, 74694), (117, 74700), (120, 74721), (138, 74793), (146, 74817), (151, 74841), (155, 74859), (156, 74865), (173, 74958), (185, 75012), (201, 75087), (220, 75210), (240, 75306),

Gene: Alone3_148 Start: 80795, Stop: 81817, Start Num: 24

Candidate Starts for Alone3_148:

(Start: 24 @80795 has 173 MA's), (60, 80945), (102, 81143), (105, 81155), (133, 81254), (135, 81269), (144, 81311), (150, 81344), (180, 81491), (193, 81539), (207, 81647), (209, 81656), (211, 81665), (222, 81737), (234, 81791),

Gene: Amabiko_85 Start: 62488, Stop: 63492, Start Num: 28

Candidate Starts for Amabiko_85:

(21, 62461), (Start: 28 @62488 has 73 MA's), (39, 62530), (Start: 43 @62548 has 2 MA's), (59, 62608), (104, 62827), (112, 62851), (143, 63007), (153, 63043), (161, 63085), (183, 63199), (234, 63478),

Gene: Amao_119 Start: 66352, Stop: 67314, Start Num: 32

Candidate Starts for Amao_119:

(Start: 32 @66352 has 123 MA's), (Start: 43 @66409 has 2 MA's), (51, 66436), (64, 66511), (69, 66550), (74, 66565), (94, 66652), (99, 66670), (101, 66676), (118, 66754), (119, 66763), (121, 66775), (138, 66838), (141, 66850), (152, 66895), (154, 66901), (155, 66910), (158, 66931), (170, 66991), (172, 66997), (191, 67060), (209, 67159), (223, 67246), (238, 67309),

Gene: Amataga_212 Start: 116172, Stop: 117260, Start Num: 24

Candidate Starts for Amataga_212:

(10, 116040), (13, 116100), (Start: 17 @116142 has 8 MA's), (Start: 24 @116172 has 173 MA's), (42, 116238), (Start: 43 @116241 has 2 MA's), (45, 116244), (47, 116256), (53, 116274), (56, 116289), (74, 116394), (84, 116436), (87, 116457), (91, 116475), (106, 116553), (135, 116661), (152, 116739), (157, 116766), (161, 116787), (178, 116871), (186, 116889), (187, 116892), (188, 116895), (200, 116967), (213, 117048), (216, 117063), (221, 117111), (237, 117183), (257, 117249),

Gene: AmericanBeauty_118 Start: 65261, Stop: 66223, Start Num: 32

Candidate Starts for AmericanBeauty_118:

(Start: 32 @65261 has 123 MA's), (Start: 43 @65318 has 2 MA's), (51, 65345), (63, 65417), (64, 65420), (74, 65474), (94, 65561), (99, 65579), (100, 65582), (119, 65672), (121, 65684), (138, 65747), (141, 65759), (155, 65819), (158, 65840), (165, 65882), (172, 65906), (191, 65969), (202, 66026), (210, 66074), (214, 66089),

Gene: Anedea_82 Start: 62052, Stop: 62996, Start Num: 43

Candidate Starts for Anedea_82:

(21, 61965), (Start: 28 @61992 has 73 MA's), (Start: 43 @62052 has 2 MA's), (46, 62064), (47, 62070), (48, 62073), (59, 62112), (104, 62331), (112, 62355), (143, 62511), (145, 62514), (161, 62589), (228, 62958), (232, 62970),

Gene: Angela_80 Start: 61479, Stop: 62483, Start Num: 28

Candidate Starts for Angela_80:

(Start: 28 @61479 has 73 MA's), (Start: 43 @61539 has 2 MA's), (46, 61551), (89, 61749), (104, 61818), (112, 61842), (133, 61941), (143, 61998), (155, 62046), (161, 62076), (185, 62196), (228, 62445), (233, 62460),

Gene: Annadreamy_62 Start: 51880, Stop: 52902, Start Num: 31

Candidate Starts for Annadreamy_62:

(Start: 31 @51880 has 27 MA's), (36, 51898), (70, 52069), (71, 52072), (79, 52099), (81, 52108), (108, 52231), (116, 52261), (134, 52339), (139, 52375), (140, 52378), (170, 52522), (178, 52555), (181, 52570), (195, 52636), (202, 52669), (222, 52804), (227, 52831), (234, 52858),

Gene: ArcherS7_211 Start: 117214, Stop: 118302, Start Num: 24

Candidate Starts for ArcherS7_211:

(4, 116899), (10, 117082), (13, 117142), (Start: 17 @117184 has 8 MA's), (Start: 24 @117214 has 173 MA's), (42, 117280), (Start: 43 @117283 has 2 MA's), (45, 117286), (47, 117298), (53, 117316), (56, 117331), (74, 117436), (84, 117478), (87, 117499), (91, 117517), (106, 117595), (135, 117703), (152, 117781), (157, 117808), (161, 117829), (178, 117913), (186, 117931), (187, 117934), (188, 117937), (200, 118009), (213, 118090), (216, 118105), (221, 118153), (237, 118225), (257, 118291),

Gene: Argent26_119 Start: 65143, Stop: 66105, Start Num: 32

Candidate Starts for Argent26_119:

(Start: 32 @65143 has 123 MA's), (Start: 43 @65200 has 2 MA's), (51, 65227), (63, 65299), (64, 65302), (74, 65356), (94, 65443), (99, 65461), (100, 65464), (119, 65554), (121, 65566), (138, 65629), (141, 65641), (155, 65701), (158, 65722), (165, 65764), (172, 65788), (191, 65851), (202, 65908), (210, 65956), (214, 65971),

Gene: Asriel_114 Start: 64094, Stop: 65056, Start Num: 32

Candidate Starts for Asriel_114:

(Start: 32 @64094 has 123 MA's), (Start: 43 @64151 has 2 MA's), (51, 64178), (63, 64250), (64, 64253), (74, 64307), (94, 64394), (99, 64412), (100, 64415), (119, 64505), (121, 64517), (138, 64580), (141, 64592), (155, 64652), (158, 64673), (165, 64715), (172, 64739), (191, 64802), (202, 64859), (210, 64907), (214, 64922),

Gene: Asterius_207 Start: 116551, Stop: 117669, Start Num: 17

Candidate Starts for Asterius_207:

(10, 116449), (13, 116509), (Start: 17 @116551 has 8 MA's), (Start: 24 @116581 has 173 MA's), (42, 116647), (Start: 43 @116650 has 2 MA's), (45, 116653), (47, 116665), (53, 116683), (56, 116698), (74, 116803), (84, 116845), (87, 116866), (91, 116884), (106, 116962), (122, 117031), (135, 117070), (152, 117148), (157, 117175), (161, 117196), (178, 117280), (186, 117298), (187, 117301), (188, 117304), (200, 117376), (202, 117385), (213, 117457), (216, 117472), (221, 117520), (237, 117592), (257, 117658),

Gene: Astraea_205 Start: 115776, Stop: 116864, Start Num: 24

Candidate Starts for Astraea_205:

(10, 115644), (13, 115704), (Start: 17 @115746 has 8 MA's), (Start: 24 @115776 has 173 MA's), (42, 115842), (Start: 43 @115845 has 2 MA's), (45, 115848), (47, 115860), (53, 115878), (56, 115893), (74, 115998), (84, 116040), (87, 116061), (91, 116079), (106, 116157), (122, 116226), (135, 116265), (152, 116343), (157, 116370), (161, 116391), (178, 116475), (186, 116493), (187, 116496), (188, 116499), (200, 116571), (202, 116580), (213, 116652), (216, 116667), (221, 116715), (237, 116787), (257, 116853),

Gene: Atlantean_211 Start: 116172, Stop: 117260, Start Num: 24

Candidate Starts for Atlantean_211:

(10, 116040), (13, 116100), (Start: 17 @116142 has 8 MA's), (Start: 24 @116172 has 173 MA's), (42, 116238), (Start: 43 @116241 has 2 MA's), (45, 116244), (47, 116256), (53, 116274), (56, 116289), (74, 116394), (84, 116436), (87, 116457), (91, 116475), (106, 116553), (135, 116661), (152, 116739), (157, 116766), (161, 116787), (178, 116871), (186, 116889), (187, 116892), (188, 116895), (200, 116967), (213, 117048), (216, 117063), (221, 117111), (237, 117183), (257, 117249),

Gene: Audrick_213 Start: 116062, Stop: 117150, Start Num: 24

Candidate Starts for Audrick_213:

(10, 115930), (13, 115990), (Start: 17 @116032 has 8 MA's), (Start: 24 @116062 has 173 MA's), (42, 116128), (Start: 43 @116131 has 2 MA's), (45, 116134), (47, 116146), (53, 116164), (56, 116179), (74, 116284), (84, 116326), (87, 116347), (91, 116365), (106, 116443), (135, 116551), (152, 116629), (157, 116656), (161, 116677), (178, 116761), (186, 116779), (187, 116782), (188, 116785), (200, 116857), (213, 116938), (216, 116953), (221, 117001), (237, 117073), (257, 117139),

Gene: Ava3_210 Start: 116606, Stop: 117694, Start Num: 24

Candidate Starts for Ava3_210:

(10, 116474), (13, 116534), (Start: 17 @116576 has 8 MA's), (Start: 24 @116606 has 173 MA's), (42, 116672), (Start: 43 @116675 has 2 MA's), (45, 116678), (47, 116690), (53, 116708), (56, 116723), (74, 116828), (84, 116870), (87, 116891), (91, 116909), (106, 116987), (122, 117056), (135, 117095), (152, 117173), (157, 117200), (161, 117221), (178, 117305), (186, 117323), (187, 117326), (188, 117329), (200, 117401), (202, 117410), (213, 117482), (216, 117497), (221, 117545), (237, 117617), (257, 117683),

Gene: BRock_138 Start: 75338, Stop: 76369, Start Num: 24

Candidate Starts for BRock_138:

(Start: 24 @75338 has 173 MA's), (34, 75368), (36, 75377), (47, 75431), (53, 75449), (66, 75518), (98, 75671), (100, 75677), (102, 75695), (105, 75707), (133, 75806), (150, 75896), (193, 76091), (206, 76190), (207, 76199), (209, 76208), (211, 76217), (222, 76289), (223, 76292), (228, 76319), (234, 76343), (237, 76355),

Gene: BaboJay_115 Start: 66479, Stop: 67441, Start Num: 32

Candidate Starts for BaboJay_115:

(Start: 32 @66479 has 123 MA's), (Start: 43 @66536 has 2 MA's), (51, 66563), (63, 66635), (64, 66638), (74, 66692), (94, 66779), (99, 66797), (100, 66800), (119, 66890), (121, 66902), (138, 66965), (141, 66977), (155, 67037), (158, 67058), (165, 67100), (172, 67124), (191, 67187), (202, 67244), (210, 67292), (214, 67307),

Gene: Babyland_214 Start: 116949, Stop: 118037, Start Num: 24

Candidate Starts for Babyland_214:

(10, 116817), (13, 116877), (Start: 17 @116919 has 8 MA's), (Start: 24 @116949 has 173 MA's), (42, 117015), (Start: 43 @117018 has 2 MA's), (45, 117021), (47, 117033), (53, 117051), (56, 117066), (74, 117171), (84, 117213), (87, 117234), (91, 117252), (106, 117330), (135, 117438), (152, 117516), (157, 117543), (161, 117564), (178, 117648), (186, 117666), (187, 117669), (188, 117672), (200, 117744), (213, 117825), (216, 117840), (221, 117888), (237, 117960), (257, 118026),

Gene: BackyardAgain_207 Start: 115130, Stop: 116218, Start Num: 24

Candidate Starts for BackyardAgain_207:

(10, 114998), (13, 115058), (Start: 17 @115100 has 8 MA's), (Start: 24 @115130 has 173 MA's), (42, 115196), (Start: 43 @115199 has 2 MA's), (45, 115202), (47, 115214), (53, 115232), (56, 115247), (74, 115352), (84, 115394), (87, 115415), (91, 115433), (106, 115511), (122, 115580), (135, 115619), (152, 115697), (157, 115724), (161, 115745), (178, 115829), (186, 115847), (187, 115850), (188, 115853), (200, 115925), (202, 115934), (213, 116006), (216, 116021), (221, 116069), (237, 116141), (257, 116207),

Gene: BadAgartude_205 Start: 116274, Stop: 117362, Start Num: 24

Candidate Starts for BadAgartude_205:

(10, 116142), (13, 116202), (Start: 17 @116244 has 8 MA's), (Start: 24 @116274 has 173 MA's), (42, 116340), (Start: 43 @116343 has 2 MA's), (45, 116346), (47, 116358), (53, 116376), (56, 116391), (74, 116496), (84, 116538), (87, 116559), (91, 116577), (106, 116655), (135, 116763), (152, 116841), (157, 116868), (161, 116889), (178, 116973), (186, 116991), (187, 116994), (188, 116997), (200, 117069), (213, 117150), (216, 117165), (221, 117213), (237, 117285), (257, 117351),

Gene: BadStone_116 Start: 66337, Stop: 67299, Start Num: 32

Candidate Starts for BadStone_116:

(Start: 32 @66337 has 123 MA's), (Start: 43 @66394 has 2 MA's), (51, 66421), (63, 66493), (64, 66496), (74, 66550), (94, 66637), (99, 66655), (100, 66658), (119, 66748), (121, 66760), (138, 66823), (141, 66835), (155, 66895), (158, 66916), (165, 66958), (172, 66982), (191, 67045), (202, 67102), (210, 67150), (214, 67165),

Gene: Balomoji_116 Start: 65877, Stop: 66839, Start Num: 32

Candidate Starts for Balomoji_116:

(Start: 32 @65877 has 123 MA's), (Start: 43 @65934 has 2 MA's), (51, 65961), (63, 66033), (64, 66036), (74, 66090), (94, 66177), (99, 66195), (100, 66198), (119, 66288), (121, 66300), (138, 66363), (141, 66375), (155, 66435), (158, 66456), (165, 66498), (172, 66522), (191, 66585), (202, 66642), (210, 66690), (214, 66705),

Gene: BananaFence_208 Start: 116405, Stop: 117493, Start Num: 24

Candidate Starts for BananaFence_208:

(10, 116273), (13, 116333), (Start: 17 @116375 has 8 MA's), (Start: 24 @116405 has 173 MA's), (42, 116471), (Start: 43 @116474 has 2 MA's), (45, 116477), (47, 116489), (53, 116507), (56, 116522), (74, 116627), (84, 116669), (87, 116690), (91, 116708), (106, 116786), (135, 116894), (152, 116972), (157, 116999), (161, 117020), (178, 117104), (186, 117122), (187, 117125), (188, 117128), (200, 117200), (213, 117281), (216, 117296), (221, 117344), (237, 117416), (257, 117482),

Gene: Bangla1971_211 Start: 116178, Stop: 117266, Start Num: 24

Candidate Starts for Bangla1971_211:

(4, 115863), (10, 116046), (13, 116106), (Start: 17 @116148 has 8 MA's), (Start: 24 @116178 has 173 MA's), (42, 116244), (Start: 43 @116247 has 2 MA's), (45, 116250), (47, 116262), (53, 116280), (56, 116295), (74, 116400), (84, 116442), (87, 116463), (91, 116481), (106, 116559), (135, 116667), (152, 116745), (157, 116772), (161, 116793), (178, 116877), (186, 116895), (187, 116898), (188, 116901), (200, 116973), (213, 117054), (216, 117069), (221, 117117), (237, 117189), (257, 117255),

Gene: Barbarian_115 Start: 64094, Stop: 65056, Start Num: 32

Candidate Starts for Barbarian_115:

(Start: 32 @64094 has 123 MA's), (Start: 43 @64151 has 2 MA's), (51, 64178), (63, 64250), (64, 64253), (74, 64307), (94, 64394), (99, 64412), (100, 64415), (119, 64505), (121, 64517), (138, 64580), (141, 64592), (155, 64652), (158, 64673), (165, 64715), (172, 64739), (191, 64802), (202, 64859), (210, 64907), (214, 64922),

Gene: Bartholomune_81 Start: 61848, Stop: 62852, Start Num: 28

Candidate Starts for Bartholomune_81:

(21, 61821), (Start: 28 @61848 has 73 MA's), (Start: 43 @61908 has 2 MA's), (46, 61920), (47, 61926), (48, 61929), (59, 61968), (104, 62187), (112, 62211), (118, 62238), (143, 62367), (155, 62415), (161, 62445), (169, 62496), (184, 62562), (209, 62703), (217, 62745), (228, 62814), (233, 62829),

Gene: Bask21_119 Start: 65154, Stop: 66116, Start Num: 32

Candidate Starts for Bask21_119:

(Start: 32 @65154 has 123 MA's), (Start: 43 @65211 has 2 MA's), (51, 65238), (64, 65313), (69, 65352), (74, 65367), (94, 65454), (99, 65472), (101, 65478), (118, 65556), (119, 65565), (121, 65577), (138, 65640), (141, 65652), (152, 65697), (154, 65703), (155, 65712), (158, 65733), (170, 65793), (172, 65799), (191, 65862), (209, 65961), (223, 66048), (238, 66111),

Gene: Basquiat_208 Start: 115684, Stop: 116772, Start Num: 24

Candidate Starts for Basquiat_208:

(10, 115552), (13, 115612), (Start: 17 @115654 has 8 MA's), (Start: 24 @115684 has 173 MA's), (42, 115750), (Start: 43 @115753 has 2 MA's), (45, 115756), (47, 115768), (53, 115786), (56, 115801), (74, 115906), (84, 115948), (87, 115969), (91, 115987), (106, 116065), (135, 116173), (152, 116251), (157, 116278), (161, 116299), (178, 116383), (186, 116401), (187, 116404), (188, 116407), (200, 116479), (213, 116560), (216, 116575), (221, 116623), (237, 116695), (257, 116761),

Gene: Battuta_83 Start: 62462, Stop: 63466, Start Num: 28

Candidate Starts for Battuta_83:

(18, 62423), (21, 62435), (Start: 28 @62462 has 73 MA's), (39, 62504), (Start: 43 @62522 has 2 MA's), (59, 62582), (104, 62801), (112, 62825), (143, 62981), (153, 63017), (161, 63059), (183, 63173), (234, 63452),

Gene: BeanWater_203 Start: 116210, Stop: 117298, Start Num: 24

Candidate Starts for BeanWater_203:

(10, 116078), (13, 116138), (Start: 17 @116180 has 8 MA's), (Start: 24 @116210 has 173 MA's), (42, 116276), (Start: 43 @116279 has 2 MA's), (45, 116282), (47, 116294), (53, 116312), (56, 116327), (74, 116432), (84, 116474), (87, 116495), (91, 116513), (106, 116591), (135, 116699), (152, 116777), (157, 116804), (161, 116825), (178, 116909), (186, 116927), (187, 116930), (188, 116933), (200, 117005), (213, 117086), (216, 117101), (221, 117149), (237, 117221), (257, 117287),

Gene: Belfort_66 Start: 54393, Stop: 55418, Start Num: 31

Candidate Starts for Belfort_66:

(Start: 31 @54393 has 27 MA's), (52, 54483), (71, 54585), (98, 54696), (104, 54729), (117, 54777), (120, 54798), (134, 54852), (140, 54891), (141, 54894), (151, 54930), (163, 55008), (170, 55035), (179, 55074), (191, 55128), (195, 55149), (202, 55182), (209, 55236), (232, 55365),

Gene: Bench_117 Start: 65900, Stop: 66862, Start Num: 32

Candidate Starts for Bench_117:

(Start: 32 @65900 has 123 MA's), (Start: 43 @65957 has 2 MA's), (51, 65984), (63, 66056), (64, 66059), (74, 66113), (94, 66200), (99, 66218), (100, 66221), (119, 66311), (121, 66323), (138, 66386), (141, 66398), (155, 66458), (158, 66479), (165, 66521), (172, 66545), (191, 66608), (202, 66665), (210, 66713), (214, 66728),

Gene: Beted_102 Start: 76189, Stop: 77295, Start Num: 28

Candidate Starts for Beted_102:

(16, 76144), (20, 76156), (22, 76165), (Start: 28 @76189 has 73 MA's), (42, 76249), (Start: 43 @76252 has 2 MA's), (44, 76255), (55, 76300), (56, 76303), (57, 76309), (67, 76378), (72, 76399), (94, 76492), (95, 76498), (99, 76510), (103, 76537), (105, 76543), (117, 76588), (120, 76609), (138, 76681), (146, 76705), (151, 76729), (155, 76747), (156, 76753), (173, 76846), (185, 76900), (201, 76975), (210, 77038), (220, 77098), (240, 77194),

Gene: Beuffert_62 Start: 53017, Stop: 54039, Start Num: 31

Candidate Starts for Beuffert_62:

(Start: 31 @53017 has 27 MA's), (36, 53035), (47, 53092), (70, 53206), (71, 53209), (76, 53224), (79, 53236), (93, 53299), (108, 53368), (116, 53398), (134, 53476), (139, 53512), (140, 53515), (160, 53599), (170, 53659), (178, 53692), (195, 53773), (202, 53806), (222, 53941), (227, 53968), (234, 53995),

Gene: BigBubba_117 Start: 64952, Stop: 65914, Start Num: 32

Candidate Starts for BigBubba_117:

(Start: 32 @64952 has 123 MA's), (Start: 43 @65009 has 2 MA's), (51, 65036), (63, 65108), (64, 65111), (74, 65165), (94, 65252), (99, 65270), (100, 65273), (119, 65363), (121, 65375), (138, 65438), (141, 65450), (155, 65510), (158, 65531), (165, 65573), (172, 65597), (191, 65660), (202, 65717), (210, 65765), (214, 65780),

Gene: BigCity_220 Start: 119781, Stop: 120869, Start Num: 24

Candidate Starts for BigCity_220:

(10, 119649), (13, 119709), (Start: 17 @119751 has 8 MA's), (Start: 24 @119781 has 173 MA's), (42, 119847), (Start: 43 @119850 has 2 MA's), (45, 119853), (47, 119865), (53, 119883), (74, 120003), (84, 120045), (87, 120066), (91, 120084), (106, 120162), (135, 120270), (152, 120348), (157, 120375), (161, 120396), (178, 120480), (186, 120498), (187, 120501), (188, 120504), (200, 120576), (213, 120657), (216, 120672), (221, 120720), (237, 120792), (257, 120858),

Gene: Bigswole_216 Start: 119605, Stop: 120723, Start Num: 17

Candidate Starts for Bigswole_216:

(10, 119503), (13, 119563), (Start: 17 @119605 has 8 MA's), (Start: 24 @119635 has 173 MA's), (42, 119701), (Start: 43 @119704 has 2 MA's), (45, 119707), (47, 119719), (53, 119737), (56, 119752), (74, 119857), (84, 119899), (87, 119920), (91, 119938), (106, 120016), (135, 120124), (152, 120202), (157, 120229), (161, 120250), (178, 120334), (186, 120352), (187, 120355), (188, 120358), (200, 120430), (213, 120511), (216, 120526), (221, 120574), (237, 120646), (257, 120712),

Gene: BilboSwaggins_115 Start: 66374, Stop: 67336, Start Num: 32

Candidate Starts for BilboSwaggins_115:

(Start: 32 @66374 has 123 MA's), (Start: 43 @66431 has 2 MA's), (51, 66458), (63, 66530), (64, 66533), (74, 66587), (94, 66674), (99, 66692), (100, 66695), (119, 66785), (121, 66797), (138, 66860), (141, 66872), (155, 66932), (158, 66953), (165, 66995), (172, 67019), (191, 67082), (202, 67139), (210, 67187), (214, 67202),

Gene: BillNye_60 Start: 55863, Stop: 56888, Start Num: 31

Candidate Starts for BillNye_60:

(Start: 31 @55863 has 27 MA's), (38, 55890), (68, 56046), (70, 56052), (71, 56055), (76, 56070), (85, 56103), (93, 56145), (108, 56214), (115, 56241), (116, 56244), (131, 56307), (134, 56322), (135, 56331), (139, 56358), (140, 56361), (141, 56364), (151, 56400), (152, 56403), (170, 56505), (178, 56538), (184, 56565), (195, 56619), (207, 56697), (214, 56727),

Gene: Bipolarisk_209 Start: 116875, Stop: 117963, Start Num: 24

Candidate Starts for Bipolarisk_209:

(10, 116743), (13, 116803), (Start: 17 @116845 has 8 MA's), (Start: 24 @116875 has 173 MA's), (42, 116941), (Start: 43 @116944 has 2 MA's), (45, 116947), (47, 116959), (53, 116977), (56, 116992), (74, 117097), (84, 117139), (87, 117160), (91, 117178), (106, 117256), (122, 117325), (135, 117364), (152, 117442), (157, 117469), (161, 117490), (178, 117574), (186, 117592), (187, 117595), (188, 117598), (200, 117670), (202, 117679), (213, 117751), (216, 117766), (221, 117814), (237, 117886), (257, 117952),

Gene: Birchlyn_82 Start: 60345, Stop: 61349, Start Num: 28

Candidate Starts for Birchlyn_82:

(21, 60318), (Start: 28 @60345 has 73 MA's), (39, 60387), (Start: 43 @60405 has 2 MA's), (59, 60465), (104, 60684), (112, 60708), (143, 60864), (153, 60900), (161, 60942), (183, 61056), (234, 61335),

Gene: Blackbrain_208 Start: 116769, Stop: 117857, Start Num: 24

Candidate Starts for Blackbrain_208:

(4, 116454), (10, 116637), (13, 116697), (Start: 17 @116739 has 8 MA's), (Start: 24 @116769 has 173 MA's), (42, 116835), (Start: 43 @116838 has 2 MA's), (45, 116841), (47, 116853), (53, 116871), (56, 116886), (74, 116991), (84, 117033), (87, 117054), (91, 117072), (106, 117150), (135, 117258), (152, 117336), (157, 117363), (161, 117384), (178, 117468), (186, 117486), (187, 117489), (188, 117492), (200, 117564), (213, 117645), (216, 117660), (221, 117708), (237, 117780), (257, 117846),

Gene: Blackdragon_206 Start: 116478, Stop: 117596, Start Num: 17

Candidate Starts for Blackdragon_206:

(10, 116376), (13, 116436), (Start: 17 @116478 has 8 MA's), (Start: 24 @116508 has 173 MA's), (42, 116574), (Start: 43 @116577 has 2 MA's), (45, 116580), (47, 116592), (53, 116610), (56, 116625), (74, 116730), (84, 116772), (87, 116793), (91, 116811), (106, 116889), (135, 116997), (152, 117075), (157, 117102), (161, 117123), (167, 117162), (178, 117207), (186, 117225), (187, 117228), (188, 117231), (200, 117303), (202, 117312), (213, 117384), (216, 117399), (221, 117447), (237, 117519), (257, 117585),

Gene: Blubba_200 Start: 119857, Stop: 120945, Start Num: 24

Candidate Starts for Blubba_200:

(Start: 17 @119827 has 8 MA's), (Start: 24 @119857 has 173 MA's), (42, 119923), (Start: 43 @119926 has 2 MA's), (45, 119929), (47, 119941), (53, 119959), (74, 120079), (87, 120142), (106, 120238), (122, 120307), (135, 120346), (152, 120424), (157, 120451), (161, 120472), (178, 120556), (186, 120574), (187, 120577), (188, 120580), (200, 120652), (202, 120661), (213, 120733), (216, 120748), (221, 120796), (237, 120868), (257, 120934),

Gene: BlueOtter_83 Start: 63193, Stop: 64197, Start Num: 28

Candidate Starts for BlueOtter_83:

(21, 63166), (Start: 28 @63193 has 73 MA's), (40, 63238), (Start: 43 @63253 has 2 MA's), (46, 63265), (47, 63271), (48, 63274), (59, 63313), (73, 63394), (104, 63532), (112, 63556), (118, 63583), (138, 63694), (143, 63712), (161, 63790), (162, 63817), (178, 63880), (209, 64048), (228, 64159), (233, 64174),

Gene: Blueeyedbeauty_64 Start: 52392, Stop: 53414, Start Num: 31

Candidate Starts for Blueeyedbeauty_64:

(Start: 31 @52392 has 27 MA's), (36, 52410), (70, 52581), (71, 52584), (76, 52599), (79, 52611), (93, 52674), (108, 52743), (116, 52773), (134, 52851), (139, 52887), (140, 52890), (170, 53034), (178, 53067), (181, 53082), (195, 53148), (202, 53181), (214, 53256), (222, 53316), (227, 53343), (234, 53370),

Gene: Bmoc_81 Start: 61830, Stop: 62834, Start Num: 28

Candidate Starts for Bmoc_81:

(21, 61803), (Start: 28 @61830 has 73 MA's), (Start: 43 @61890 has 2 MA's), (46, 61902), (47, 61908), (48, 61911), (59, 61950), (104, 62169), (108, 62184), (112, 62193), (143, 62349), (161, 62427), (214, 62706), (228, 62796), (232, 62808),

Gene: Bonray_213 Start: 118277, Stop: 119365, Start Num: 24

Candidate Starts for Bonray_213:

(10, 118145), (13, 118205), (Start: 17 @118247 has 8 MA's), (Start: 24 @118277 has 173 MA's), (42, 118343), (Start: 43 @118346 has 2 MA's), (45, 118349), (47, 118361), (53, 118379), (56, 118394),

(74, 118499), (84, 118541), (87, 118562), (91, 118580), (106, 118658), (122, 118727), (135, 118766), (152, 118844), (157, 118871), (161, 118892), (178, 118976), (186, 118994), (187, 118997), (188, 119000), (200, 119072), (202, 119081), (213, 119153), (216, 119168), (221, 119216), (237, 119288), (257, 119354),

Gene: BoomerJR_85 Start: 62324, Stop: 63328, Start Num: 28

Candidate Starts for BoomerJR_85:

(21, 62297), (Start: 28 @62324 has 73 MA's), (39, 62366), (Start: 43 @62384 has 2 MA's), (59, 62444), (104, 62663), (112, 62687), (143, 62843), (155, 62891), (161, 62921), (168, 62969), (183, 63035), (234, 63314),

Gene: Bordeaux_83 Start: 62617, Stop: 63621, Start Num: 28

Candidate Starts for Bordeaux_83:

(21, 62590), (Start: 28 @62617 has 73 MA's), (39, 62659), (Start: 43 @62677 has 2 MA's), (59, 62737), (104, 62956), (112, 62980), (143, 63136), (153, 63172), (161, 63214), (183, 63328), (234, 63607),

Gene: Braelyn_83 Start: 62612, Stop: 63616, Start Num: 28

Candidate Starts for Braelyn_83:

(21, 62585), (Start: 28 @62612 has 73 MA's), (Start: 43 @62672 has 2 MA's), (46, 62684), (47, 62690), (48, 62693), (57, 62720), (59, 62732), (104, 62951), (112, 62975), (118, 63002), (143, 63131), (155, 63179), (161, 63209), (169, 63260), (228, 63578), (233, 63593),

Gene: Bread_206 Start: 116275, Stop: 117363, Start Num: 24

Candidate Starts for Bread_206:

(10, 116143), (13, 116203), (Start: 17 @116245 has 8 MA's), (Start: 24 @116275 has 173 MA's), (42, 116341), (Start: 43 @116344 has 2 MA's), (45, 116347), (47, 116359), (53, 116377), (56, 116392), (74, 116497), (84, 116539), (87, 116560), (91, 116578), (106, 116656), (122, 116725), (135, 116764), (152, 116842), (157, 116869), (161, 116890), (178, 116974), (186, 116992), (187, 116995), (188, 116998), (200, 117070), (202, 117079), (213, 117151), (216, 117166), (221, 117214), (237, 117286), (257, 117352),

Gene: Breeniome_210 Start: 115729, Stop: 116817, Start Num: 24

Candidate Starts for Breeniome_210:

(4, 115414), (10, 115597), (13, 115657), (Start: 17 @115699 has 8 MA's), (Start: 24 @115729 has 173 MA's), (42, 115795), (Start: 43 @115798 has 2 MA's), (45, 115801), (47, 115813), (53, 115831), (56, 115846), (74, 115951), (84, 115993), (87, 116014), (91, 116032), (106, 116110), (135, 116218), (152, 116296), (157, 116323), (161, 116344), (178, 116428), (186, 116446), (187, 116449), (188, 116452), (200, 116524), (213, 116605), (216, 116620), (221, 116668), (237, 116740), (257, 116806),

Gene: Bruin_112 Start: 64584, Stop: 65546, Start Num: 32

Candidate Starts for Bruin_112:

(Start: 32 @64584 has 123 MA's), (Start: 43 @64641 has 2 MA's), (51, 64668), (63, 64740), (64, 64743), (74, 64797), (94, 64884), (99, 64902), (100, 64905), (119, 64995), (121, 65007), (138, 65070), (141, 65082), (155, 65142), (158, 65163), (165, 65205), (172, 65229), (191, 65292), (202, 65349), (210, 65397), (214, 65412),

Gene: Buck_116 Start: 66400, Stop: 67362, Start Num: 32

Candidate Starts for Buck_116:

(Start: 32 @66400 has 123 MA's), (Start: 43 @66457 has 2 MA's), (51, 66484), (63, 66556), (64, 66559), (74, 66613), (94, 66700), (99, 66718), (100, 66721), (119, 66811), (121, 66823), (138, 66886), (141, 66898), (155, 66958), (158, 66979), (165, 67021), (172, 67045), (191, 67108), (202, 67165), (210, 67213), (214, 67228),

Gene: BugsBunny_114 Start: 65898, Stop: 66860, Start Num: 32

Candidate Starts for BugsBunny_114:

(Start: 32 @65898 has 123 MA's), (Start: 43 @65955 has 2 MA's), (51, 65982), (63, 66054), (64, 66057), (74, 66111), (94, 66198), (99, 66216), (100, 66219), (119, 66309), (121, 66321), (138, 66384), (141, 66396), (155, 66456), (158, 66477), (165, 66519), (172, 66543), (191, 66606), (202, 66663), (210, 66711), (214, 66726),

Gene: Burrough_213 Start: 118045, Stop: 119133, Start Num: 24

Candidate Starts for Burrough_213:

(4, 117730), (10, 117913), (13, 117973), (Start: 17 @118015 has 8 MA's), (Start: 24 @118045 has 173 MA's), (42, 118111), (Start: 43 @118114 has 2 MA's), (45, 118117), (47, 118129), (53, 118147), (56, 118162), (74, 118267), (84, 118309), (87, 118330), (91, 118348), (106, 118426), (135, 118534), (152, 118612), (157, 118639), (161, 118660), (178, 118744), (186, 118762), (187, 118765), (188, 118768), (200, 118840), (213, 118921), (216, 118936), (221, 118984), (237, 119056), (257, 119122),

Gene: Bxz1_201 Start: 119244, Stop: 120332, Start Num: 24

Candidate Starts for Bxz1_201:

(4, 118929), (10, 119112), (13, 119172), (Start: 17 @119214 has 8 MA's), (Start: 24 @119244 has 173 MA's), (42, 119310), (Start: 43 @119313 has 2 MA's), (45, 119316), (47, 119328), (53, 119346), (56, 119361), (74, 119466), (84, 119508), (87, 119529), (91, 119547), (106, 119625), (135, 119733), (152, 119811), (157, 119838), (161, 119859), (178, 119943), (186, 119961), (187, 119964), (188, 119967), (200, 120039), (213, 120120), (216, 120135), (221, 120183), (237, 120255), (257, 120321),

Gene: Cactojaque_206 Start: 115704, Stop: 116792, Start Num: 24

Candidate Starts for Cactojaque_206:

(10, 115572), (13, 115632), (Start: 17 @115674 has 8 MA's), (Start: 24 @115704 has 173 MA's), (42, 115770), (Start: 43 @115773 has 2 MA's), (45, 115776), (47, 115788), (53, 115806), (56, 115821), (74, 115926), (84, 115968), (87, 115989), (91, 116007), (106, 116085), (135, 116193), (152, 116271), (157, 116298), (161, 116319), (178, 116403), (186, 116421), (187, 116424), (188, 116427), (200, 116499), (213, 116580), (216, 116595), (221, 116643), (237, 116715), (257, 116781),

Gene: Cactus_123 Start: 65697, Stop: 66659, Start Num: 32

Candidate Starts for Cactus_123:

(Start: 32 @65697 has 123 MA's), (Start: 43 @65754 has 2 MA's), (51, 65781), (63, 65853), (64, 65856), (74, 65910), (94, 65997), (99, 66015), (100, 66018), (119, 66108), (121, 66120), (138, 66183), (141, 66195), (155, 66255), (158, 66276), (165, 66318), (172, 66342), (191, 66405), (202, 66462), (210, 66510), (214, 66525),

Gene: Cali_204 Start: 117651, Stop: 118739, Start Num: 24

Candidate Starts for Cali_204:

(10, 117519), (13, 117579), (Start: 17 @117621 has 8 MA's), (Start: 24 @117651 has 173 MA's), (42, 117717), (Start: 43 @117720 has 2 MA's), (45, 117723), (47, 117735), (53, 117753), (56, 117768), (74, 117873), (84, 117915), (87, 117936), (91, 117954), (106, 118032), (122, 118101), (135, 118140), (152, 118218), (157, 118245), (161, 118266), (178, 118350), (186, 118368), (187, 118371), (188, 118374), (200, 118446), (202, 118455), (213, 118527), (216, 118542), (221, 118590), (237, 118662), (257, 118728),

Gene: Cane17_202 Start: 120266, Stop: 121354, Start Num: 24

Candidate Starts for Cane17_202:

(Start: 17 @120236 has 8 MA's), (Start: 24 @120266 has 173 MA's), (42, 120332), (Start: 43 @120335 has 2 MA's), (45, 120338), (47, 120350), (53, 120368), (74, 120488), (87, 120551), (106, 120647), (122, 120716), (135, 120755), (152, 120833), (157, 120860), (161, 120881), (178, 120965),

(186, 120983), (187, 120986), (188, 120989), (200, 121061), (202, 121070), (213, 121142), (216, 121157), (221, 121205), (237, 121277), (257, 121343),

Gene: Cantare_68 Start: 58394, Stop: 59575, Start Num: 28

Candidate Starts for Cantare_68:

(Start: 28 @58394 has 73 MA's), (35, 58415), (39, 58439), (44, 58460), (56, 58508), (67, 58583), (86, 58655), (105, 58748), (107, 58757), (129, 58841), (137, 58883), (138, 58886), (141, 58898), (152, 58937), (162, 59012), (168, 59033), (199, 59177), (207, 59228), (208, 59231), (220, 59303), (229, 59351), (230, 59354), (231, 59357), (236, 59378), (263, 59564),

Gene: Capablanca_216 Start: 118872, Stop: 119960, Start Num: 24

Candidate Starts for Capablanca_216:

(10, 118740), (13, 118800), (Start: 17 @118842 has 8 MA's), (Start: 24 @118872 has 173 MA's), (42, 118938), (Start: 43 @118941 has 2 MA's), (45, 118944), (47, 118956), (53, 118974), (56, 118989), (74, 119094), (84, 119136), (87, 119157), (91, 119175), (106, 119253), (122, 119322), (135, 119361), (152, 119439), (157, 119466), (161, 119487), (178, 119571), (186, 119589), (187, 119592), (188, 119595), (200, 119667), (202, 119676), (213, 119748), (216, 119763), (221, 119811), (237, 119883), (257, 119949),

Gene: Caravan_202 Start: 116962, Stop: 118080, Start Num: 17

Candidate Starts for Caravan_202:

(10, 116860), (13, 116920), (Start: 17 @116962 has 8 MA's), (Start: 24 @116992 has 173 MA's), (42, 117058), (Start: 43 @117061 has 2 MA's), (45, 117064), (47, 117076), (53, 117094), (56, 117109), (74, 117214), (84, 117256), (87, 117277), (91, 117295), (106, 117373), (135, 117481), (152, 117559), (157, 117586), (161, 117607), (178, 117691), (186, 117709), (187, 117712), (188, 117715), (200, 117787), (213, 117868), (216, 117883), (221, 117931), (237, 118003), (257, 118069),

Gene: Catera_203 Start: 115385, Stop: 116473, Start Num: 24

Candidate Starts for Catera_203:

(10, 115253), (13, 115313), (Start: 17 @115355 has 8 MA's), (Start: 24 @115385 has 173 MA's), (42, 115451), (Start: 43 @115454 has 2 MA's), (45, 115457), (47, 115469), (53, 115487), (56, 115502), (74, 115607), (84, 115649), (87, 115670), (91, 115688), (106, 115766), (135, 115874), (152, 115952), (157, 115979), (161, 116000), (178, 116084), (186, 116102), (187, 116105), (188, 116108), (200, 116180), (213, 116261), (216, 116276), (221, 116324), (237, 116396), (257, 116462),

Gene: CeilingFan_87 Start: 62377, Stop: 63381, Start Num: 28

Candidate Starts for CeilingFan_87:

(21, 62350), (Start: 28 @62377 has 73 MA's), (39, 62419), (Start: 43 @62437 has 2 MA's), (59, 62497), (104, 62716), (112, 62740), (116, 62761), (143, 62896), (153, 62932), (161, 62974), (183, 63088), (234, 63367),

Gene: Chargie21_208 Start: 115684, Stop: 116772, Start Num: 24

Candidate Starts for Chargie21_208:

(10, 115552), (13, 115612), (Start: 17 @115654 has 8 MA's), (Start: 24 @115684 has 173 MA's), (42, 115750), (Start: 43 @115753 has 2 MA's), (45, 115756), (47, 115768), (53, 115786), (56, 115801), (74, 115906), (84, 115948), (87, 115969), (91, 115987), (106, 116065), (135, 116173), (152, 116251), (157, 116278), (161, 116299), (178, 116383), (186, 116401), (187, 116404), (188, 116407), (200, 116479), (213, 116560), (216, 116575), (221, 116623), (237, 116695), (257, 116761),

Gene: CharlieB_205 Start: 116412, Stop: 117500, Start Num: 24

Candidate Starts for CharlieB_205:

(10, 116280), (13, 116340), (Start: 17 @116382 has 8 MA's), (Start: 24 @116412 has 173 MA's), (42, 116478), (Start: 43 @116481 has 2 MA's), (45, 116484), (47, 116496), (53, 116514), (56, 116529),

(74, 116634), (84, 116676), (87, 116697), (91, 116715), (106, 116793), (122, 116862), (135, 116901), (152, 116979), (157, 117006), (161, 117027), (178, 117111), (186, 117129), (187, 117132), (188, 117135), (200, 117207), (202, 117216), (213, 117288), (216, 117303), (221, 117351), (237, 117423), (257, 117489),

Gene: ChaylaJr_209 Start: 116384, Stop: 117472, Start Num: 24

Candidate Starts for ChaylaJr_209:

(10, 116252), (13, 116312), (Start: 17 @116354 has 8 MA's), (Start: 24 @116384 has 173 MA's), (42, 116450), (Start: 43 @116453 has 2 MA's), (45, 116456), (47, 116468), (53, 116486), (56, 116501), (74, 116606), (84, 116648), (87, 116669), (91, 116687), (106, 116765), (122, 116834), (135, 116873), (152, 116951), (157, 116978), (161, 116999), (178, 117083), (186, 117101), (187, 117104), (188, 117107), (200, 117179), (202, 117188), (213, 117260), (216, 117275), (221, 117323), (237, 117395), (257, 117461),

Gene: CherryTomatoes_155 Start: 109449, Stop: 110522, Start Num: 24

Candidate Starts for CherryTomatoes_155:

(Start: 24 @109449 has 173 MA's), (36, 109473), (42, 109509), (Start: 43 @109512 has 2 MA's), (45, 109515), (49, 109533), (57, 109566), (74, 109665), (88, 109734), (97, 109770), (102, 109803), (116, 109860), (127, 109902), (154, 110013), (157, 110034), (186, 110157), (189, 110172), (190, 110175), (193, 110187), (224, 110400),

Gene: ChickenPhender_207 Start: 115831, Stop: 116919, Start Num: 24

Candidate Starts for ChickenPhender_207:

(10, 115699), (13, 115759), (Start: 17 @115801 has 8 MA's), (Start: 24 @115831 has 173 MA's), (42, 115897), (Start: 43 @115900 has 2 MA's), (45, 115903), (47, 115915), (53, 115933), (56, 115948), (74, 116053), (84, 116095), (87, 116116), (91, 116134), (106, 116212), (135, 116320), (152, 116398), (157, 116425), (161, 116446), (178, 116530), (186, 116548), (187, 116551), (188, 116554), (200, 116626), (213, 116707), (216, 116722), (221, 116770), (237, 116842), (257, 116908),

Gene: Chidiebere_104 Start: 74951, Stop: 76054, Start Num: 28

Candidate Starts for Chidiebere_104:

(16, 74906), (20, 74918), (22, 74927), (Start: 28 @74951 has 73 MA's), (42, 75011), (Start: 43 @75014 has 2 MA's), (44, 75017), (55, 75062), (56, 75065), (57, 75071), (67, 75140), (72, 75161), (94, 75254), (95, 75260), (99, 75272), (103, 75299), (105, 75305), (115, 75344), (117, 75350), (120, 75371), (138, 75443), (146, 75467), (151, 75491), (155, 75509), (156, 75515), (173, 75608), (185, 75662), (201, 75737), (220, 75860), (240, 75956), (259, 76049),

Gene: ChisanaKitsune_102 Start: 74299, Stop: 75405, Start Num: 28

Candidate Starts for ChisanaKitsune_102:

(16, 74254), (20, 74266), (22, 74275), (Start: 28 @74299 has 73 MA's), (42, 74359), (Start: 43 @74362 has 2 MA's), (44, 74365), (55, 74410), (56, 74413), (57, 74419), (67, 74488), (72, 74509), (94, 74602), (95, 74608), (99, 74620), (103, 74647), (105, 74653), (115, 74692), (117, 74698), (120, 74719), (138, 74791), (146, 74815), (151, 74839), (155, 74857), (156, 74863), (173, 74956), (185, 75010), (201, 75085), (210, 75148), (220, 75208), (240, 75304),

Gene: Chomp_211 Start: 117461, Stop: 118549, Start Num: 24

Candidate Starts for Chomp_211:

(10, 117329), (13, 117389), (Start: 17 @117431 has 8 MA's), (Start: 24 @117461 has 173 MA's), (42, 117527), (Start: 43 @117530 has 2 MA's), (45, 117533), (47, 117545), (53, 117563), (56, 117578), (74, 117683), (84, 117725), (87, 117746), (91, 117764), (106, 117842), (135, 117950), (152, 118028), (157, 118055), (161, 118076), (178, 118160), (186, 118178), (187, 118181), (188, 118184), (200, 118256), (213, 118337), (216, 118352), (221, 118400), (237, 118472), (257, 118538),

Gene: ChosenOne_115 Start: 64784, Stop: 65746, Start Num: 32

Candidate Starts for ChosenOne_115:

(Start: 32 @64784 has 123 MA's), (Start: 43 @64841 has 2 MA's), (51, 64868), (63, 64940), (64, 64943), (74, 64997), (94, 65084), (99, 65102), (100, 65105), (119, 65195), (121, 65207), (138, 65270), (141, 65282), (155, 65342), (158, 65363), (165, 65405), (172, 65429), (191, 65492), (202, 65549), (210, 65597), (214, 65612),

Gene: ChotaBhai_119 Start: 66096, Stop: 67058, Start Num: 32

Candidate Starts for ChotaBhai_119:

(Start: 32 @66096 has 123 MA's), (Start: 43 @66153 has 2 MA's), (51, 66180), (63, 66252), (64, 66255), (74, 66309), (94, 66396), (99, 66414), (100, 66417), (119, 66507), (121, 66519), (138, 66582), (141, 66594), (155, 66654), (158, 66675), (165, 66717), (172, 66741), (191, 66804), (202, 66861), (210, 66909), (214, 66924),

Gene: CindyLou_212 Start: 117721, Stop: 118809, Start Num: 24

Candidate Starts for CindyLou_212:

(10, 117589), (13, 117649), (Start: 17 @117691 has 8 MA's), (Start: 24 @117721 has 173 MA's), (42, 117787), (Start: 43 @117790 has 2 MA's), (45, 117793), (47, 117805), (53, 117823), (56, 117838), (74, 117943), (84, 117985), (87, 118006), (91, 118024), (106, 118102), (135, 118210), (152, 118288), (157, 118315), (161, 118336), (178, 118420), (186, 118438), (187, 118441), (188, 118444), (200, 118516), (213, 118597), (216, 118612), (221, 118660), (237, 118732), (257, 118798),

Gene: Circinus_62 Start: 56002, Stop: 57027, Start Num: 31

Candidate Starts for Circinus_62:

(Start: 31 @56002 has 27 MA's), (38, 56029), (68, 56185), (70, 56191), (71, 56194), (76, 56209), (85, 56242), (93, 56284), (108, 56353), (115, 56380), (116, 56383), (131, 56446), (134, 56461), (135, 56470), (139, 56497), (140, 56500), (141, 56503), (151, 56539), (152, 56542), (170, 56644), (178, 56677), (184, 56704), (190, 56731), (195, 56758), (207, 56836), (214, 56866),

Gene: Cjw1_115 Start: 66593, Stop: 67555, Start Num: 32

Candidate Starts for Cjw1_115:

(Start: 32 @66593 has 123 MA's), (Start: 43 @66650 has 2 MA's), (51, 66677), (63, 66749), (64, 66752), (74, 66806), (94, 66893), (99, 66911), (100, 66914), (119, 67004), (121, 67016), (138, 67079), (141, 67091), (155, 67151), (158, 67172), (165, 67214), (172, 67238), (191, 67301), (202, 67358), (210, 67406), (214, 67421),

Gene: Colt_202 Start: 119497, Stop: 120585, Start Num: 24

Candidate Starts for Colt_202:

(Start: 17 @119467 has 8 MA's), (Start: 24 @119497 has 173 MA's), (42, 119563), (Start: 43 @119566 has 2 MA's), (45, 119569), (47, 119581), (53, 119599), (74, 119719), (87, 119782), (106, 119878), (122, 119947), (135, 119986), (152, 120064), (157, 120091), (161, 120112), (178, 120196), (186, 120214), (187, 120217), (188, 120220), (200, 120292), (202, 120301), (213, 120373), (216, 120388), (221, 120436), (237, 120508), (257, 120574),

Gene: Command613_118 Start: 65870, Stop: 66832, Start Num: 32

Candidate Starts for Command613_118:

(Start: 32 @65870 has 123 MA's), (Start: 43 @65927 has 2 MA's), (51, 65954), (63, 66026), (64, 66029), (74, 66083), (94, 66170), (99, 66188), (100, 66191), (119, 66281), (121, 66293), (138, 66356), (141, 66368), (155, 66428), (158, 66449), (165, 66491), (172, 66515), (191, 66578), (202, 66635), (210, 66683), (214, 66698),

Gene: Comrade_65 Start: 54009, Stop: 55034, Start Num: 31

Candidate Starts for Comrade_65:

(Start: 31 @54009 has 27 MA's), (52, 54099), (71, 54201), (98, 54312), (104, 54345), (117, 54393), (120, 54414), (134, 54468), (140, 54507), (141, 54510), (151, 54546), (163, 54624), (170, 54651), (179, 54690), (191, 54744), (195, 54765), (202, 54798), (209, 54852), (232, 54981),

Gene: Concombres_216 Start: 119294, Stop: 120412, Start Num: 17

Candidate Starts for Concombres_216:

(10, 119192), (13, 119252), (Start: 17 @119294 has 8 MA's), (Start: 24 @119324 has 173 MA's), (42, 119390), (Start: 43 @119393 has 2 MA's), (45, 119396), (47, 119408), (53, 119426), (56, 119441), (74, 119546), (84, 119588), (85, 119591), (87, 119609), (91, 119627), (106, 119705), (135, 119813), (152, 119891), (157, 119918), (161, 119939), (178, 120023), (186, 120041), (187, 120044), (188, 120047), (200, 120119), (213, 120200), (216, 120215), (221, 120263), (237, 120335), (257, 120401),

Gene: Contagion_112 Start: 64946, Stop: 65908, Start Num: 32

Candidate Starts for Contagion_112:

(Start: 32 @64946 has 123 MA's), (Start: 43 @65003 has 2 MA's), (51, 65030), (63, 65102), (64, 65105), (74, 65159), (94, 65246), (99, 65264), (100, 65267), (119, 65357), (121, 65369), (138, 65432), (141, 65444), (155, 65504), (158, 65525), (165, 65567), (172, 65591), (191, 65654), (202, 65711), (210, 65759), (214, 65774),

Gene: Cookies_116 Start: 66082, Stop: 67044, Start Num: 32

Candidate Starts for Cookies_116:

(Start: 32 @66082 has 123 MA's), (Start: 43 @66139 has 2 MA's), (51, 66166), (64, 66241), (69, 66280), (74, 66295), (94, 66382), (99, 66400), (101, 66406), (118, 66484), (119, 66493), (121, 66505), (138, 66568), (141, 66580), (154, 66631), (158, 66661), (170, 66721), (172, 66727), (191, 66790), (209, 66889), (223, 66976), (238, 67039),

Gene: Cross_83 Start: 63194, Stop: 64198, Start Num: 28

Candidate Starts for Cross_83:

(21, 63167), (Start: 28 @63194 has 73 MA's), (40, 63239), (Start: 43 @63254 has 2 MA's), (46, 63266), (47, 63272), (48, 63275), (59, 63314), (73, 63395), (104, 63533), (112, 63557), (118, 63584), (138, 63695), (143, 63713), (161, 63791), (162, 63818), (178, 63881), (209, 64049), (228, 64160), (233, 64175),

Gene: CrystalP_116 Start: 66374, Stop: 67336, Start Num: 32

Candidate Starts for CrystalP_116:

(Start: 32 @66374 has 123 MA's), (Start: 43 @66431 has 2 MA's), (51, 66458), (63, 66530), (64, 66533), (74, 66587), (94, 66674), (99, 66692), (100, 66695), (119, 66785), (121, 66797), (138, 66860), (141, 66872), (155, 66932), (158, 66953), (165, 66995), (172, 67019), (191, 67082), (202, 67139), (210, 67187), (214, 67202),

Gene: Cursive_81 Start: 62719, Stop: 63723, Start Num: 28

Candidate Starts for Cursive_81:

(21, 62692), (Start: 28 @62719 has 73 MA's), (40, 62764), (Start: 43 @62779 has 2 MA's), (46, 62791), (47, 62797), (48, 62800), (59, 62839), (73, 62920), (104, 63058), (112, 63082), (118, 63109), (138, 63220), (143, 63238), (161, 63316), (162, 63343), (178, 63406), (209, 63574), (228, 63685), (233, 63700),

Gene: Czyszczone1_115 Start: 64939, Stop: 65901, Start Num: 32

Candidate Starts for Czyszczone1_115:

(Start: 32 @64939 has 123 MA's), (Start: 43 @64996 has 2 MA's), (51, 65023), (63, 65095), (64, 65098), (74, 65152), (94, 65239), (99, 65257), (100, 65260), (119, 65350), (121, 65362), (138, 65425), (141, 65437), (155, 65497), (158, 65518), (165, 65560), (172, 65584), (191, 65647), (202, 65704), (210, 65752), (214, 65767),

Gene: DTDevon_213 Start: 118210, Stop: 119298, Start Num: 24

Candidate Starts for DTDevon_213:

(4, 117895), (10, 118078), (13, 118138), (Start: 17 @118180 has 8 MA's), (Start: 24 @118210 has 173 MA's), (42, 118276), (Start: 43 @118279 has 2 MA's), (45, 118282), (47, 118294), (53, 118312), (56, 118327), (74, 118432), (84, 118474), (87, 118495), (91, 118513), (106, 118591), (135, 118699), (152, 118777), (157, 118804), (161, 118825), (178, 118909), (186, 118927), (187, 118930), (188, 118933), (200, 119005), (213, 119086), (216, 119101), (221, 119149), (237, 119221), (257, 119287),

Gene: Daffodil_216 Start: 117175, Stop: 118263, Start Num: 24

Candidate Starts for Daffodil_216:

(10, 117043), (13, 117103), (Start: 17 @117145 has 8 MA's), (Start: 24 @117175 has 173 MA's), (42, 117241), (Start: 43 @117244 has 2 MA's), (45, 117247), (47, 117259), (53, 117277), (56, 117292), (74, 117397), (84, 117439), (87, 117460), (91, 117478), (106, 117556), (122, 117625), (135, 117664), (152, 117742), (157, 117769), (161, 117790), (178, 117874), (186, 117892), (187, 117895), (188, 117898), (200, 117970), (202, 117979), (213, 118051), (216, 118066), (221, 118114), (237, 118186), (257, 118252),

Gene: Daikon_117 Start: 65173, Stop: 66135, Start Num: 32

Candidate Starts for Daikon_117:

(Start: 32 @65173 has 123 MA's), (Start: 43 @65230 has 2 MA's), (51, 65257), (63, 65329), (64, 65332), (74, 65386), (94, 65473), (99, 65491), (100, 65494), (119, 65584), (121, 65596), (138, 65659), (141, 65671), (155, 65731), (158, 65752), (165, 65794), (172, 65818), (191, 65881), (202, 65938), (210, 65986), (214, 66001),

Gene: DalanDe_87 Start: 73112, Stop: 74134, Start Num: 50

Candidate Starts for DalanDe_87:

(22, 72995), (Start: 28 @73019 has 73 MA's), (37, 73052), (41, 73079), (42, 73082), (Start: 50 @73112 has 1 MA's), (58, 73151), (72, 73232), (80, 73262), (94, 73325), (105, 73376), (116, 73418), (117, 73421), (120, 73442), (136, 73508), (138, 73514), (155, 73580), (195, 73784), (206, 73847), (214, 73886), (232, 73988), (240, 74027), (256, 74111),

Gene: Dandelion_219 Start: 120808, Stop: 121896, Start Num: 24

Candidate Starts for Dandelion_219:

(10, 120676), (13, 120736), (Start: 17 @120778 has 8 MA's), (Start: 24 @120808 has 173 MA's), (42, 120874), (Start: 43 @120877 has 2 MA's), (45, 120880), (47, 120892), (53, 120910), (56, 120925), (74, 121030), (84, 121072), (87, 121093), (91, 121111), (106, 121189), (135, 121297), (152, 121375), (157, 121402), (161, 121423), (178, 121507), (186, 121525), (187, 121528), (188, 121531), (200, 121603), (213, 121684), (216, 121699), (221, 121747), (237, 121819), (257, 121885),

Gene: Darko_210 Start: 116409, Stop: 117497, Start Num: 24

Candidate Starts for Darko_210:

(10, 116277), (13, 116337), (Start: 17 @116379 has 8 MA's), (Start: 24 @116409 has 173 MA's), (42, 116475), (Start: 43 @116478 has 2 MA's), (45, 116481), (47, 116493), (53, 116511), (56, 116526), (74, 116631), (84, 116673), (87, 116694), (91, 116712), (106, 116790), (135, 116898), (152, 116976), (157, 117003), (161, 117024), (178, 117108), (186, 117126), (187, 117129), (188, 117132), (200, 117204), (213, 117285), (216, 117300), (221, 117348), (237, 117420), (257, 117486),

Gene: Daubenski_85 Start: 62916, Stop: 63920, Start Num: 28

Candidate Starts for Daubenski_85:

(21, 62889), (Start: 28 @62916 has 73 MA's), (Start: 43 @62976 has 2 MA's), (46, 62988), (47, 62994), (48, 62997), (59, 63036), (74, 63120), (104, 63255), (112, 63279), (114, 63291), (121, 63327), (138, 63417), (143, 63435), (161, 63513), (208, 63765), (209, 63771), (228, 63882), (233, 63897),

Gene: Delilah_209 Start: 117293, Stop: 118381, Start Num: 24

Candidate Starts for Delilah_209:

(10, 117161), (13, 117221), (Start: 17 @117263 has 8 MA's), (Start: 24 @117293 has 173 MA's), (42, 117359), (Start: 43 @117362 has 2 MA's), (45, 117365), (47, 117377), (53, 117395), (56, 117410), (74, 117515), (84, 117557), (87, 117578), (91, 117596), (106, 117674), (122, 117743), (135, 117782), (152, 117860), (157, 117887), (161, 117908), (178, 117992), (186, 118010), (187, 118013), (188, 118016), (200, 118088), (202, 118097), (213, 118169), (216, 118184), (221, 118232), (237, 118304), (257, 118370),

Gene: Delylah_213 Start: 117582, Stop: 118670, Start Num: 24

Candidate Starts for Delylah_213:

(10, 117450), (13, 117510), (Start: 17 @117552 has 8 MA's), (Start: 24 @117582 has 173 MA's), (42, 117648), (Start: 43 @117651 has 2 MA's), (45, 117654), (47, 117666), (53, 117684), (56, 117699), (74, 117804), (84, 117846), (87, 117867), (91, 117885), (106, 117963), (135, 118071), (152, 118149), (157, 118176), (161, 118197), (171, 118248), (178, 118281), (186, 118299), (187, 118302), (188, 118305), (200, 118377), (213, 118458), (216, 118473), (221, 118521), (237, 118593), (257, 118659),

Gene: Demodog_217 Start: 119304, Stop: 120422, Start Num: 17

Candidate Starts for Demodog_217:

(10, 119202), (13, 119262), (Start: 17 @119304 has 8 MA's), (Start: 24 @119334 has 173 MA's), (42, 119400), (Start: 43 @119403 has 2 MA's), (45, 119406), (47, 119418), (53, 119436), (56, 119451), (74, 119556), (84, 119598), (85, 119601), (87, 119619), (91, 119637), (106, 119715), (135, 119823), (152, 119901), (157, 119928), (161, 119949), (178, 120033), (186, 120051), (187, 120054), (188, 120057), (200, 120129), (213, 120210), (216, 120225), (221, 120273), (237, 120345), (257, 120411),

Gene: Derek_208 Start: 116738, Stop: 117826, Start Num: 24

Candidate Starts for Derek_208:

(4, 116423), (10, 116606), (13, 116666), (Start: 17 @116708 has 8 MA's), (Start: 24 @116738 has 173 MA's), (42, 116804), (Start: 43 @116807 has 2 MA's), (45, 116810), (47, 116822), (53, 116840), (56, 116855), (74, 116960), (84, 117002), (87, 117023), (91, 117041), (106, 117119), (135, 117227), (152, 117305), (157, 117332), (161, 117353), (178, 117437), (186, 117455), (187, 117458), (188, 117461), (200, 117533), (213, 117614), (216, 117629), (221, 117677), (237, 117749), (257, 117815),

Gene: Dietrick_200 Start: 115414, Stop: 116502, Start Num: 24

Candidate Starts for Dietrick_200:

(10, 115282), (13, 115342), (Start: 17 @115384 has 8 MA's), (Start: 24 @115414 has 173 MA's), (42, 115480), (Start: 43 @115483 has 2 MA's), (45, 115486), (47, 115498), (53, 115516), (56, 115531), (74, 115636), (84, 115678), (87, 115699), (91, 115717), (106, 115795), (135, 115903), (152, 115981), (157, 116008), (161, 116029), (178, 116113), (186, 116131), (187, 116134), (188, 116137), (200, 116209), (213, 116290), (216, 116305), (221, 116353), (237, 116425), (257, 116491),

Gene: DirtMonster_204 Start: 116654, Stop: 117742, Start Num: 24

Candidate Starts for DirtMonster_204:

(10, 116522), (13, 116582), (Start: 17 @116624 has 8 MA's), (Start: 24 @116654 has 173 MA's), (42, 116720), (Start: 43 @116723 has 2 MA's), (45, 116726), (47, 116738), (53, 116756), (56, 116771), (74, 116876), (84, 116918), (87, 116939), (91, 116957), (106, 117035), (122, 117104), (135, 117143), (152, 117221), (157, 117248), (161, 117269), (178, 117353), (186, 117371), (187, 117374), (188, 117377), (200, 117449), (202, 117458), (213, 117530), (216, 117545), (221, 117593), (237, 117665), (257, 117731),

Gene: DoctorDiddles_114 Start: 64833, Stop: 65795, Start Num: 32

Candidate Starts for DoctorDiddles_114:

(Start: 32 @64833 has 123 MA's), (Start: 43 @64890 has 2 MA's), (51, 64917), (63, 64989), (64, 64992), (74, 65046), (94, 65133), (99, 65151), (100, 65154), (119, 65244), (121, 65256), (138, 65319), (141, 65331), (155, 65391), (158, 65412), (165, 65454), (172, 65478), (191, 65541), (202, 65598), (210, 65646), (214, 65661),

Gene: Domi_205 Start: 116735, Stop: 117853, Start Num: 17

Candidate Starts for Domi_205:

(10, 116633), (13, 116693), (Start: 17 @116735 has 8 MA's), (Start: 24 @116765 has 173 MA's), (42, 116831), (Start: 43 @116834 has 2 MA's), (45, 116837), (47, 116849), (53, 116867), (56, 116882), (74, 116987), (84, 117029), (87, 117050), (91, 117068), (106, 117146), (122, 117215), (135, 117254), (152, 117332), (157, 117359), (161, 117380), (178, 117464), (186, 117482), (187, 117485), (188, 117488), (200, 117560), (202, 117569), (213, 117641), (216, 117656), (221, 117704), (237, 117776), (257, 117842),

Gene: Dorin_80 Start: 64755, Stop: 65762, Start Num: 29

Candidate Starts for Dorin_80:

(Start: 29 @64755 has 4 MA's), (36, 64776), (44, 64818), (54, 64857), (61, 64890), (66, 64911), (70, 64947), (71, 64950), (72, 64953), (84, 64995), (93, 65040), (107, 65106), (112, 65118), (125, 65175), (130, 65199), (140, 65256), (142, 65262), (148, 65280), (168, 65394), (169, 65397), (194, 65487), (207, 65577), (208, 65580), (213, 65604), (222, 65667), (229, 65700), (235, 65724),

Gene: DrDrey_119 Start: 67475, Stop: 68437, Start Num: 32

Candidate Starts for DrDrey_119:

(Start: 32 @67475 has 123 MA's), (Start: 43 @67532 has 2 MA's), (51, 67559), (64, 67634), (69, 67673), (74, 67688), (94, 67775), (99, 67793), (101, 67799), (118, 67877), (119, 67886), (121, 67898), (138, 67961), (141, 67973), (154, 68024), (158, 68054), (170, 68114), (172, 68120), (191, 68183), (209, 68282), (223, 68369), (238, 68432),

Gene: DrPhinkDaddy_208 Start: 117953, Stop: 119041, Start Num: 24

Candidate Starts for DrPhinkDaddy_208:

(10, 117821), (13, 117881), (Start: 17 @117923 has 8 MA's), (Start: 24 @117953 has 173 MA's), (42, 118019), (Start: 43 @118022 has 2 MA's), (45, 118025), (47, 118037), (53, 118055), (56, 118070), (74, 118175), (84, 118217), (87, 118238), (91, 118256), (106, 118334), (122, 118403), (135, 118442), (152, 118520), (157, 118547), (161, 118568), (178, 118652), (186, 118670), (187, 118673), (188, 118676), (200, 118748), (202, 118757), (213, 118829), (216, 118844), (221, 118892), (237, 118964), (257, 119030),

Gene: Drazdys_209 Start: 116855, Stop: 117943, Start Num: 24

Candidate Starts for Drazdys_209:

(4, 116540), (10, 116723), (13, 116783), (Start: 17 @116825 has 8 MA's), (Start: 24 @116855 has 173 MA's), (42, 116921), (Start: 43 @116924 has 2 MA's), (45, 116927), (47, 116939), (53, 116957), (56, 116972), (74, 117077), (84, 117119), (87, 117140), (91, 117158), (106, 117236), (135, 117344), (152, 117422), (157, 117449), (161, 117470), (178, 117554), (186, 117572), (187, 117575), (188, 117578), (200, 117650), (213, 117731), (216, 117746), (221, 117794), (237, 117866), (257, 117932),

Gene: Dumbo_115 Start: 64976, Stop: 65938, Start Num: 32

Candidate Starts for Dumbo_115:

(Start: 32 @64976 has 123 MA's), (Start: 43 @65033 has 2 MA's), (51, 65060), (63, 65132), (64, 65135), (74, 65189), (94, 65276), (99, 65294), (100, 65297), (119, 65387), (121, 65399), (138, 65462), (141, 65474), (155, 65534), (158, 65555), (165, 65597), (172, 65621), (191, 65684), (202, 65741), (210, 65789), (214, 65804),

Gene: Dusk_116 Start: 65997, Stop: 66959, Start Num: 32

Candidate Starts for Dusk_116:

(Start: 32 @65997 has 123 MA's), (Start: 43 @66054 has 2 MA's), (51, 66081), (63, 66153), (64, 66156), (74, 66210), (94, 66297), (99, 66315), (100, 66318), (119, 66408), (121, 66420), (138, 66483), (141, 66495), (155, 66555), (158, 66576), (165, 66618), (172, 66642), (191, 66705), (202, 66762), (210, 66810), (214, 66825),

Gene: E3_gp155 Start: 107161, Stop: 108306, Start Num: 19

Candidate Starts for E3_gp155:

(19, 107161), (83, 107446), (86, 107458), (96, 107512), (99, 107524), (101, 107530), (106, 107563), (108, 107569), (115, 107599), (149, 107740), (157, 107776), (193, 107932), (196, 107953), (202, 107989), (215, 108073), (230, 108172), (235, 108193),

Gene: EGole_84 Start: 64139, Stop: 65143, Start Num: 28

Candidate Starts for EGole_84:

(21, 64112), (Start: 28 @64139 has 73 MA's), (40, 64184), (Start: 43 @64199 has 2 MA's), (46, 64211), (47, 64217), (48, 64220), (59, 64259), (73, 64340), (104, 64478), (112, 64502), (118, 64529), (138, 64640), (143, 64658), (161, 64736), (162, 64763), (178, 64826), (209, 64994), (228, 65105), (233, 65120),

Gene: ET08_199 Start: 116446, Stop: 117534, Start Num: 24

Candidate Starts for ET08_199:

(10, 116314), (13, 116374), (Start: 17 @116416 has 8 MA's), (Start: 24 @116446 has 173 MA's), (42, 116512), (Start: 43 @116515 has 2 MA's), (45, 116518), (47, 116530), (53, 116548), (56, 116563), (74, 116668), (84, 116710), (87, 116731), (91, 116749), (106, 116827), (135, 116935), (152, 117013), (157, 117040), (161, 117061), (178, 117145), (186, 117163), (187, 117166), (188, 117169), (200, 117241), (213, 117322), (216, 117337), (221, 117385), (237, 117457), (257, 117523),

Gene: Easy2Say_115 Start: 65610, Stop: 66572, Start Num: 32

Candidate Starts for Easy2Say_115:

(Start: 32 @65610 has 123 MA's), (Start: 43 @65667 has 2 MA's), (51, 65694), (63, 65766), (64, 65769), (74, 65823), (94, 65910), (99, 65928), (100, 65931), (119, 66021), (121, 66033), (138, 66096), (141, 66108), (155, 66168), (158, 66189), (165, 66231), (172, 66255), (191, 66318), (202, 66375), (210, 66423), (214, 66438),

Gene: EasyJones_214 Start: 116927, Stop: 118015, Start Num: 24

Candidate Starts for EasyJones_214:

(4, 116612), (10, 116795), (13, 116855), (Start: 17 @116897 has 8 MA's), (Start: 24 @116927 has 173 MA's), (42, 116993), (Start: 43 @116996 has 2 MA's), (45, 116999), (47, 117011), (53, 117029), (56, 117044), (74, 117149), (84, 117191), (87, 117212), (91, 117230), (106, 117308), (135, 117416), (152, 117494), (157, 117521), (161, 117542), (178, 117626), (186, 117644), (187, 117647), (188, 117650), (200, 117722), (213, 117803), (216, 117818), (221, 117866), (237, 117938), (257, 118004),

Gene: EggyFarm_220 Start: 119782, Stop: 120870, Start Num: 24

Candidate Starts for EggyFarm_220:

(10, 119650), (13, 119710), (Start: 17 @119752 has 8 MA's), (Start: 24 @119782 has 173 MA's), (42, 119848), (Start: 43 @119851 has 2 MA's), (45, 119854), (47, 119866), (53, 119884), (74, 120004), (84, 120046), (87, 120067), (91, 120085), (106, 120163), (135, 120271), (152, 120349), (157, 120376), (161, 120397), (178, 120481), (186, 120499), (187, 120502), (188, 120505), (200, 120577), (213, 120658), (216, 120673), (221, 120721), (237, 120793), (257, 120859),

Gene: Elite2014_114 Start: 64783, Stop: 65745, Start Num: 32

Candidate Starts for Elite2014_114:

(Start: 32 @64783 has 123 MA's), (Start: 43 @64840 has 2 MA's), (51, 64867), (63, 64939), (64, 64942), (74, 64996), (94, 65083), (99, 65101), (100, 65104), (119, 65194), (121, 65206), (138, 65269), (141, 65281), (155, 65341), (158, 65362), (165, 65404), (172, 65428), (191, 65491), (202, 65548), (210, 65596), (214, 65611),

Gene: Elmer_87 Start: 63561, Stop: 64565, Start Num: 28

Candidate Starts for Elmer_87:

(21, 63534), (Start: 28 @63561 has 73 MA's), (Start: 43 @63621 has 2 MA's), (47, 63639), (59, 63681), (82, 63795), (104, 63900), (112, 63924), (118, 63951), (143, 64080), (145, 64083), (161, 64158), (183, 64272), (185, 64278), (190, 64302),

Gene: Elph10_114 Start: 64622, Stop: 65584, Start Num: 32

Candidate Starts for Elph10_114:

(Start: 32 @64622 has 123 MA's), (Start: 43 @64679 has 2 MA's), (51, 64706), (63, 64778), (64, 64781), (74, 64835), (94, 64922), (99, 64940), (100, 64943), (119, 65033), (121, 65045), (138, 65108), (141, 65120), (155, 65180), (158, 65201), (165, 65243), (172, 65267), (191, 65330), (202, 65387), (210, 65435), (214, 65450),

Gene: EmToTheThree_211 Start: 117326, Stop: 118414, Start Num: 24

Candidate Starts for EmToTheThree_211:

(10, 117194), (13, 117254), (Start: 17 @117296 has 8 MA's), (Start: 24 @117326 has 173 MA's), (42, 117392), (Start: 43 @117395 has 2 MA's), (45, 117398), (47, 117410), (53, 117428), (56, 117443), (74, 117548), (84, 117590), (87, 117611), (91, 117629), (106, 117707), (122, 117776), (135, 117815), (152, 117893), (157, 117920), (161, 117941), (178, 118025), (186, 118043), (187, 118046), (188, 118049), (200, 118121), (202, 118130), (213, 118202), (216, 118217), (221, 118265), (237, 118337), (257, 118403),

Gene: Emma1919_66 Start: 52724, Stop: 53746, Start Num: 31

Candidate Starts for Emma1919_66:

(Start: 31 @52724 has 27 MA's), (36, 52742), (38, 52751), (59, 52841), (71, 52916), (98, 53027), (104, 53060), (116, 53105), (117, 53108), (120, 53129), (134, 53183), (140, 53222), (170, 53366), (179, 53405), (184, 53426), (195, 53480), (202, 53513),

Gene: EmmaElysia_215 Start: 117617, Stop: 118705, Start Num: 24

Candidate Starts for EmmaElysia_215:

(10, 117485), (13, 117545), (Start: 17 @117587 has 8 MA's), (Start: 24 @117617 has 173 MA's), (42, 117683), (Start: 43 @117686 has 2 MA's), (45, 117689), (47, 117701), (53, 117719), (56, 117734), (74, 117839), (84, 117881), (87, 117902), (91, 117920), (106, 117998), (122, 118067), (135, 118106), (152, 118184), (157, 118211), (161, 118232), (178, 118316), (186, 118334), (187, 118337), (188, 118340), (200, 118412), (202, 118421), (213, 118493), (216, 118508), (221, 118556), (237, 118628), (257, 118694),

Gene: Emmina_115 Start: 64561, Stop: 65523, Start Num: 32

Candidate Starts for Emmina_115:

(Start: 32 @64561 has 123 MA's), (Start: 43 @64618 has 2 MA's), (51, 64645), (63, 64717), (64, 64720), (74, 64774), (94, 64861), (99, 64879), (100, 64882), (119, 64972), (121, 64984), (138, 65047), (141, 65059), (155, 65119), (158, 65140), (165, 65182), (172, 65206), (191, 65269), (202, 65326), (210, 65374), (214, 65389),

Gene: Enygma_85 Start: 64264, Stop: 65268, Start Num: 28

Candidate Starts for Enygma_85:

(Start: 28 @64264 has 73 MA's), (39, 64306), (Start: 43 @64324 has 2 MA's), (59, 64384), (104, 64603), (112, 64627), (143, 64783), (153, 64819), (161, 64861), (183, 64975), (190, 65005), (234,

65254),

Gene: Erdmann_212 Start: 117285, Stop: 118373, Start Num: 24

Candidate Starts for Erdmann_212:

(10, 117153), (13, 117213), (Start: 17 @117255 has 8 MA's), (Start: 24 @117285 has 173 MA's), (42, 117351), (Start: 43 @117354 has 2 MA's), (45, 117357), (47, 117369), (53, 117387), (56, 117402), (74, 117507), (84, 117549), (87, 117570), (91, 117588), (106, 117666), (135, 117774), (152, 117852), (157, 117879), (161, 117900), (178, 117984), (186, 118002), (187, 118005), (188, 118008), (200, 118080), (213, 118161), (216, 118176), (221, 118224), (237, 118296), (257, 118362),

Gene: ErnieJ_204 Start: 115106, Stop: 116194, Start Num: 24

Candidate Starts for ErnieJ_204:

(10, 114974), (13, 115034), (Start: 17 @115076 has 8 MA's), (Start: 24 @115106 has 173 MA's), (42, 115172), (Start: 43 @115175 has 2 MA's), (45, 115178), (47, 115190), (53, 115208), (56, 115223), (74, 115328), (84, 115370), (87, 115391), (91, 115409), (106, 115487), (135, 115595), (152, 115673), (157, 115700), (161, 115721), (178, 115805), (186, 115823), (187, 115826), (188, 115829), (200, 115901), (213, 115982), (216, 115997), (221, 116045), (237, 116117), (257, 116183),

Gene: Essence_208 Start: 116067, Stop: 117155, Start Num: 24

Candidate Starts for Essence_208:

(4, 115752), (10, 115935), (13, 115995), (Start: 17 @116037 has 8 MA's), (Start: 24 @116067 has 173 MA's), (42, 116133), (Start: 43 @116136 has 2 MA's), (45, 116139), (47, 116151), (53, 116169), (56, 116184), (74, 116289), (84, 116331), (87, 116352), (91, 116370), (106, 116448), (135, 116556), (152, 116634), (157, 116661), (161, 116682), (178, 116766), (186, 116784), (187, 116787), (188, 116790), (200, 116862), (213, 116943), (216, 116958), (221, 117006), (237, 117078), (257, 117144),

Gene: Eureka_115 Start: 65749, Stop: 66711, Start Num: 32

Candidate Starts for Eureka_115:

(Start: 32 @65749 has 123 MA's), (Start: 43 @65806 has 2 MA's), (51, 65833), (63, 65905), (64, 65908), (74, 65962), (94, 66049), (99, 66067), (100, 66070), (119, 66160), (121, 66172), (138, 66235), (141, 66247), (155, 66307), (158, 66328), (165, 66370), (172, 66394), (191, 66457), (202, 66514), (210, 66562), (214, 66577),

Gene: Evy_83 Start: 63094, Stop: 64098, Start Num: 28

Candidate Starts for Evy_83:

(Start: 28 @63094 has 73 MA's), (Start: 43 @63154 has 2 MA's), (48, 63175), (59, 63214), (74, 63298), (89, 63364), (104, 63433), (112, 63457), (143, 63613), (161, 63691), (214, 63970), (228, 64060), (233, 64075),

Gene: Ewok_210 Start: 117203, Stop: 118291, Start Num: 24

Candidate Starts for Ewok_210:

(10, 117071), (13, 117131), (Start: 17 @117173 has 8 MA's), (Start: 24 @117203 has 173 MA's), (42, 117269), (Start: 43 @117272 has 2 MA's), (45, 117275), (47, 117287), (53, 117305), (56, 117320), (74, 117425), (84, 117467), (87, 117488), (91, 117506), (106, 117584), (122, 117653), (135, 117692), (152, 117770), (157, 117797), (161, 117818), (178, 117902), (186, 117920), (187, 117923), (188, 117926), (200, 117998), (202, 118007), (213, 118079), (216, 118094), (221, 118142), (237, 118214), (257, 118280),

Gene: Faust_65 Start: 53851, Stop: 54873, Start Num: 31

Candidate Starts for Faust_65:

(Start: 31 @53851 has 27 MA's), (36, 53869), (38, 53878), (70, 54040), (71, 54043), (77, 54061), (108, 54202), (134, 54310), (139, 54346), (140, 54349), (153, 54394), (160, 54433), (162, 54463), (170, 54493), (190, 54580), (195, 54607), (234, 54829),

Gene: Filch_118 Start: 65515, Stop: 66477, Start Num: 32

Candidate Starts for Filch_118:

(Start: 32 @65515 has 123 MA's), (Start: 43 @65572 has 2 MA's), (51, 65599), (63, 65671), (64, 65674), (74, 65728), (94, 65815), (99, 65833), (100, 65836), (119, 65926), (121, 65938), (138, 66001), (141, 66013), (155, 66073), (158, 66094), (165, 66136), (172, 66160), (191, 66223), (202, 66280), (210, 66328), (214, 66343),

Gene: Finch_78 Start: 68653, Stop: 69996, Start Num: 12

Candidate Starts for Finch_78:

(Start: 12 @68653 has 1 MA's), (15, 68674), (33, 68740), (38, 68761), (47, 68806), (62, 68884), (86, 68995), (90, 69022), (99, 69061), (101, 69067), (102, 69082), (106, 69100), (115, 69136), (127, 69181), (155, 69310), (157, 69322), (158, 69331), (161, 69343), (166, 69385), (186, 69448), (188, 69454), (195, 69493), (203, 69541), (212, 69607), (213, 69613), (219, 69667), (225, 69700), (235, 69742), (242, 69778), (250, 69835), (253, 69841), (260, 69892), (262, 69919),

Gene: FireRed_118 Start: 66025, Stop: 66987, Start Num: 32

Candidate Starts for FireRed_118:

(Start: 32 @66025 has 123 MA's), (Start: 43 @66082 has 2 MA's), (51, 66109), (63, 66181), (64, 66184), (74, 66238), (94, 66325), (99, 66343), (100, 66346), (119, 66436), (121, 66448), (138, 66511), (141, 66523), (155, 66583), (158, 66604), (165, 66646), (172, 66670), (191, 66733), (202, 66790), (210, 66838), (214, 66853),

Gene: Flabslab_206 Start: 115248, Stop: 116336, Start Num: 24

Candidate Starts for Flabslab_206:

(10, 115116), (13, 115176), (Start: 17 @115218 has 8 MA's), (Start: 24 @115248 has 173 MA's), (42, 115314), (Start: 43 @115317 has 2 MA's), (45, 115320), (47, 115332), (53, 115350), (56, 115365), (74, 115470), (84, 115512), (87, 115533), (91, 115551), (106, 115629), (122, 115698), (135, 115737), (152, 115815), (157, 115842), (161, 115863), (178, 115947), (186, 115965), (187, 115968), (188, 115971), (200, 116043), (202, 116052), (213, 116124), (216, 116139), (221, 116187), (237, 116259), (257, 116325),

Gene: Fludd_211 Start: 116639, Stop: 117727, Start Num: 24

Candidate Starts for Fludd_211:

(10, 116507), (13, 116567), (Start: 17 @116609 has 8 MA's), (Start: 24 @116639 has 173 MA's), (42, 116705), (Start: 43 @116708 has 2 MA's), (45, 116711), (47, 116723), (53, 116741), (56, 116756), (74, 116861), (84, 116903), (87, 116924), (91, 116942), (106, 117020), (135, 117128), (152, 117206), (157, 117233), (161, 117254), (178, 117338), (186, 117356), (187, 117359), (188, 117362), (200, 117434), (213, 117515), (216, 117530), (221, 117578), (237, 117650), (257, 117716),

Gene: FlyingTortilla_102 Start: 78219, Stop: 79325, Start Num: 28

Candidate Starts for FlyingTortilla_102:

(11, 78117), (16, 78174), (20, 78186), (22, 78195), (Start: 25 @78207 has 1 MA's), (Start: 28 @78219 has 73 MA's), (42, 78279), (57, 78339), (72, 78429), (84, 78471), (94, 78522), (95, 78528), (99, 78540), (103, 78567), (105, 78573), (117, 78618), (120, 78639), (138, 78711), (146, 78735), (151, 78759), (155, 78777), (156, 78783), (175, 78885), (185, 78930), (195, 78981), (210, 79068), (234, 79197),

Gene: Flypotenuse_112 Start: 64748, Stop: 65710, Start Num: 32

Candidate Starts for Flypotenuse_112:

(Start: 32 @64748 has 123 MA's), (Start: 43 @64805 has 2 MA's), (51, 64832), (63, 64904), (64, 64907), (74, 64961), (94, 65048), (99, 65066), (100, 65069), (119, 65159), (121, 65171), (138, 65234), (141, 65246), (155, 65306), (158, 65327), (165, 65369), (172, 65393), (191, 65456), (202, 65513),

(210, 65561), (214, 65576),

Gene: Forrest_66 Start: 53430, Stop: 54452, Start Num: 31

Candidate Starts for Forrest_66:

(Start: 31 @53430 has 27 MA's), (36, 53448), (38, 53457), (59, 53547), (71, 53622), (76, 53637), (98, 53733), (104, 53766), (116, 53811), (117, 53814), (120, 53835), (134, 53889), (140, 53928), (170, 54072), (179, 54111), (184, 54132), (195, 54186), (202, 54219),

Gene: FoxtrotP1_209 Start: 117883, Stop: 118971, Start Num: 24

Candidate Starts for FoxtrotP1_209:

(10, 117751), (13, 117811), (Start: 17 @117853 has 8 MA's), (Start: 24 @117883 has 173 MA's), (42, 117949), (Start: 43 @117952 has 2 MA's), (45, 117955), (47, 117967), (53, 117985), (56, 118000), (74, 118105), (84, 118147), (87, 118168), (91, 118186), (106, 118264), (122, 118333), (135, 118372), (152, 118450), (157, 118477), (161, 118498), (178, 118582), (186, 118600), (187, 118603), (188, 118606), (200, 118678), (202, 118687), (213, 118759), (216, 118774), (221, 118822), (237, 118894), (257, 118960),

Gene: Francesca_80 Start: 65493, Stop: 66500, Start Num: 29

Candidate Starts for Francesca_80:

(Start: 29 @65493 has 4 MA's), (36, 65514), (54, 65595), (61, 65628), (66, 65649), (70, 65685), (71, 65688), (72, 65691), (84, 65733), (93, 65778), (107, 65844), (125, 65913), (140, 65994), (142, 66000), (148, 66018), (154, 66045), (168, 66132), (169, 66135), (194, 66225), (207, 66315), (208, 66318), (213, 66342), (222, 66405), (229, 66438), (235, 66462), (237, 66471),

Gene: Francob_63 Start: 52787, Stop: 53809, Start Num: 31

Candidate Starts for Francob_63:

(Start: 31 @52787 has 27 MA's), (36, 52805), (38, 52814), (71, 52979), (98, 53090), (104, 53123), (120, 53192), (134, 53246), (140, 53285), (153, 53330), (163, 53402), (170, 53429), (179, 53468), (191, 53522), (195, 53543), (202, 53576),

Gene: FrayBell_214 Start: 116729, Stop: 117817, Start Num: 24

Candidate Starts for FrayBell_214:

(4, 116414), (10, 116597), (13, 116657), (Start: 17 @116699 has 8 MA's), (Start: 24 @116729 has 173 MA's), (42, 116795), (Start: 43 @116798 has 2 MA's), (45, 116801), (47, 116813), (53, 116831), (56, 116846), (74, 116951), (84, 116993), (87, 117014), (91, 117032), (106, 117110), (135, 117218), (152, 117296), (157, 117323), (161, 117344), (178, 117428), (186, 117446), (187, 117449), (188, 117452), (200, 117524), (213, 117605), (216, 117620), (221, 117668), (237, 117740), (257, 117806),

Gene: FudgeTart_206 Start: 116350, Stop: 117438, Start Num: 24

Candidate Starts for FudgeTart_206:

(10, 116218), (13, 116278), (Start: 17 @116320 has 8 MA's), (Start: 24 @116350 has 173 MA's), (42, 116416), (Start: 43 @116419 has 2 MA's), (45, 116422), (47, 116434), (53, 116452), (56, 116467), (74, 116572), (84, 116614), (87, 116635), (91, 116653), (106, 116731), (122, 116800), (135, 116839), (152, 116917), (157, 116944), (161, 116965), (178, 117049), (186, 117067), (187, 117070), (188, 117073), (200, 117145), (202, 117154), (213, 117226), (216, 117241), (221, 117289), (237, 117361), (257, 117427),

Gene: GMA6_88 Start: 65953, Stop: 67116, Start Num: 28

Candidate Starts for GMA6_88:

(Start: 28 @65953 has 73 MA's), (37, 65983), (64, 66115), (69, 66154), (72, 66163), (84, 66205), (94, 66256), (101, 66280), (105, 66307), (111, 66325), (117, 66352), (120, 66373), (132, 66403), (138, 66445), (141, 66457), (146, 66469), (151, 66493), (155, 66511), (156, 66517), (193, 66700), (195, 66715), (234, 66931), (247, 67009), (249, 67027), (261, 67102),

Gene: Gabriel_214 Start: 115805, Stop: 116893, Start Num: 24

Candidate Starts for Gabriel_214:

(4, 115490), (10, 115673), (13, 115733), (Start: 17 @115775 has 8 MA's), (Start: 24 @115805 has 173 MA's), (42, 115871), (Start: 43 @115874 has 2 MA's), (45, 115877), (47, 115889), (53, 115907), (56, 115922), (74, 116027), (84, 116069), (87, 116090), (91, 116108), (106, 116186), (135, 116294), (152, 116372), (157, 116399), (161, 116420), (178, 116504), (186, 116522), (187, 116525), (188, 116528), (200, 116600), (213, 116681), (216, 116696), (221, 116744), (237, 116816), (257, 116882),

Gene: Gage_117 Start: 65281, Stop: 66243, Start Num: 32

Candidate Starts for Gage_117:

(Start: 32 @65281 has 123 MA's), (Start: 43 @65338 has 2 MA's), (51, 65365), (63, 65437), (64, 65440), (74, 65494), (94, 65581), (99, 65599), (100, 65602), (119, 65692), (121, 65704), (138, 65767), (141, 65779), (155, 65839), (158, 65860), (165, 65902), (172, 65926), (191, 65989), (202, 66046), (210, 66094), (214, 66109),

Gene: Gamgam_212 Start: 116162, Stop: 117250, Start Num: 24

Candidate Starts for Gamgam_212:

(10, 116030), (13, 116090), (Start: 17 @116132 has 8 MA's), (Start: 24 @116162 has 173 MA's), (42, 116228), (Start: 43 @116231 has 2 MA's), (45, 116234), (47, 116246), (53, 116264), (56, 116279), (74, 116384), (84, 116426), (87, 116447), (91, 116465), (106, 116543), (135, 116651), (152, 116729), (157, 116756), (161, 116777), (178, 116861), (186, 116879), (187, 116882), (188, 116885), (200, 116957), (213, 117038), (216, 117053), (221, 117101), (237, 117173), (257, 117239),

Gene: Gator_117 Start: 66049, Stop: 67011, Start Num: 32

Candidate Starts for Gator_117:

(Start: 32 @66049 has 123 MA's), (Start: 43 @66106 has 2 MA's), (51, 66133), (64, 66208), (69, 66247), (74, 66262), (94, 66349), (99, 66367), (101, 66373), (118, 66451), (119, 66460), (121, 66472), (138, 66535), (141, 66547), (154, 66598), (158, 66628), (170, 66688), (172, 66694), (191, 66757), (209, 66856), (223, 66943), (238, 67006),

Gene: Gemini_120 Start: 65660, Stop: 66622, Start Num: 32

Candidate Starts for Gemini_120:

(Start: 32 @65660 has 123 MA's), (Start: 43 @65717 has 2 MA's), (51, 65744), (63, 65816), (64, 65819), (74, 65873), (94, 65960), (99, 65978), (100, 65981), (119, 66071), (121, 66083), (138, 66146), (141, 66158), (155, 66218), (158, 66239), (165, 66281), (172, 66305), (191, 66368), (202, 66425), (210, 66473), (214, 66488),

Gene: Genie2_85 Start: 62438, Stop: 63442, Start Num: 28

Candidate Starts for Genie2_85:

(21, 62411), (Start: 28 @62438 has 73 MA's), (39, 62480), (Start: 43 @62498 has 2 MA's), (59, 62558), (104, 62777), (112, 62801), (143, 62957), (155, 63005), (161, 63035), (168, 63083), (183, 63149), (234, 63428),

Gene: Ghost_211 Start: 116083, Stop: 117171, Start Num: 24

Candidate Starts for Ghost_211:

(10, 115951), (13, 116011), (Start: 17 @116053 has 8 MA's), (Start: 24 @116083 has 173 MA's), (42, 116149), (Start: 43 @116152 has 2 MA's), (45, 116155), (47, 116167), (53, 116185), (56, 116200), (74, 116305), (84, 116347), (87, 116368), (91, 116386), (106, 116464), (135, 116572), (152, 116650), (157, 116677), (161, 116698), (178, 116782), (186, 116800), (187, 116803), (188, 116806), (200, 116878), (213, 116959), (216, 116974), (221, 117022), (237, 117094), (257, 117160),

Gene: GiJojo_138 Start: 80354, Stop: 81379, Start Num: 24

Candidate Starts for GiJojo_138:

(Start: 24 @80354 has 173 MA's), (53, 80459), (60, 80507), (101, 80690), (102, 80705), (105, 80717), (113, 80741), (133, 80816), (135, 80831), (206, 81200), (207, 81209), (209, 81218), (210, 81224), (211, 81227), (222, 81299),

Gene: Gibbi_89 Start: 62600, Stop: 63604, Start Num: 28

Candidate Starts for Gibbi_89:

(21, 62573), (Start: 28 @62600 has 73 MA's), (39, 62642), (Start: 43 @62660 has 2 MA's), (59, 62720), (104, 62939), (112, 62963), (116, 62984), (143, 63119), (153, 63155), (161, 63197), (183, 63311), (234, 63590),

Gene: Gilson_65 Start: 52686, Stop: 53708, Start Num: 31

Candidate Starts for Gilson_65:

(Start: 31 @52686 has 27 MA's), (36, 52704), (38, 52713), (59, 52803), (71, 52878), (76, 52893), (98, 52989), (104, 53022), (116, 53067), (117, 53070), (120, 53091), (134, 53145), (140, 53184), (170, 53328), (179, 53367), (184, 53388), (195, 53442), (202, 53475),

Gene: Gizmo_217 Start: 119201, Stop: 120289, Start Num: 24

Candidate Starts for Gizmo_217:

(10, 119069), (13, 119129), (Start: 17 @119171 has 8 MA's), (Start: 24 @119201 has 173 MA's), (42, 119267), (Start: 43 @119270 has 2 MA's), (45, 119273), (47, 119285), (53, 119303), (56, 119318), (74, 119423), (84, 119465), (87, 119486), (91, 119504), (106, 119582), (122, 119651), (135, 119690), (152, 119768), (157, 119795), (161, 119816), (178, 119900), (186, 119918), (187, 119921), (188, 119924), (200, 119996), (202, 120005), (213, 120077), (216, 120092), (221, 120140), (237, 120212), (257, 120278),

Gene: Glexan_118 Start: 66199, Stop: 67161, Start Num: 32

Candidate Starts for Glexan_118:

(Start: 32 @66199 has 123 MA's), (Start: 43 @66256 has 2 MA's), (51, 66283), (64, 66358), (69, 66397), (74, 66412), (94, 66499), (99, 66517), (101, 66523), (118, 66601), (119, 66610), (121, 66622), (138, 66685), (141, 66697), (154, 66748), (158, 66778), (170, 66838), (172, 66844), (191, 66907), (209, 67006), (223, 67093), (238, 67156),

Gene: Goku_115 Start: 66058, Stop: 67020, Start Num: 32

Candidate Starts for Goku_115:

(Start: 32 @66058 has 123 MA's), (Start: 43 @66115 has 2 MA's), (51, 66142), (63, 66214), (64, 66217), (74, 66271), (94, 66358), (99, 66376), (100, 66379), (119, 66469), (121, 66481), (138, 66544), (141, 66556), (155, 66616), (158, 66637), (165, 66679), (172, 66703), (191, 66766), (202, 66823), (210, 66871), (214, 66886),

Gene: GoldenSpark_119 Start: 65143, Stop: 66105, Start Num: 32

Candidate Starts for GoldenSpark_119:

(Start: 32 @65143 has 123 MA's), (Start: 43 @65200 has 2 MA's), (51, 65227), (63, 65299), (64, 65302), (74, 65356), (94, 65443), (99, 65461), (100, 65464), (119, 65554), (121, 65566), (138, 65629), (141, 65641), (155, 65701), (158, 65722), (165, 65764), (172, 65788), (191, 65851), (202, 65908), (210, 65956), (214, 65971),

Gene: Goldilocks_119 Start: 65739, Stop: 66701, Start Num: 32

Candidate Starts for Goldilocks_119:

(Start: 32 @65739 has 123 MA's), (Start: 43 @65796 has 2 MA's), (51, 65823), (63, 65895), (64, 65898), (74, 65952), (94, 66039), (99, 66057), (100, 66060), (119, 66150), (121, 66162), (138, 66225), (141, 66237), (155, 66297), (158, 66318), (165, 66360), (172, 66384), (191, 66447), (202, 66504), (210, 66552), (214, 66567),

Gene: GooberAzure_118 Start: 65143, Stop: 66105, Start Num: 32

Candidate Starts for GooberAzure_118:

(Start: 32 @65143 has 123 MA's), (Start: 43 @65200 has 2 MA's), (51, 65227), (63, 65299), (64, 65302), (74, 65356), (94, 65443), (99, 65461), (100, 65464), (119, 65554), (121, 65566), (138, 65629), (141, 65641), (155, 65701), (158, 65722), (165, 65764), (172, 65788), (191, 65851), (202, 65908), (210, 65956), (214, 65971),

Gene: Grasshills_219 Start: 119781, Stop: 120869, Start Num: 24

Candidate Starts for Grasshills_219:

(10, 119649), (13, 119709), (Start: 17 @119751 has 8 MA's), (Start: 24 @119781 has 173 MA's), (42, 119847), (Start: 43 @119850 has 2 MA's), (45, 119853), (47, 119865), (53, 119883), (74, 120003), (84, 120045), (87, 120066), (91, 120084), (106, 120162), (135, 120270), (152, 120348), (157, 120375), (161, 120396), (178, 120480), (186, 120498), (187, 120501), (188, 120504), (200, 120576), (213, 120657), (216, 120672), (221, 120720), (237, 120792), (257, 120858),

Gene: Gray_103 Start: 74562, Stop: 75668, Start Num: 28

Candidate Starts for Gray_103:

(16, 74517), (20, 74529), (22, 74538), (Start: 28 @74562 has 73 MA's), (42, 74622), (Start: 43 @74625 has 2 MA's), (44, 74628), (55, 74673), (56, 74676), (57, 74682), (67, 74751), (72, 74772), (94, 74865), (95, 74871), (99, 74883), (103, 74910), (105, 74916), (115, 74955), (117, 74961), (120, 74982), (138, 75054), (146, 75078), (151, 75102), (155, 75120), (156, 75126), (173, 75219), (185, 75273), (201, 75348), (210, 75411), (220, 75471), (240, 75567),

Gene: Grayson_106 Start: 66388, Stop: 67443, Start Num: 27

Candidate Starts for Grayson_106:

(Start: 27 @66388 has 2 MA's), (36, 66412), (41, 66445), (Start: 43 @66451 has 2 MA's), (Start: 50 @66478 has 1 MA's), (65, 66544), (73, 66592), (89, 66661), (140, 66892), (143, 66901), (153, 66937), (180, 67078), (197, 67165), (223, 67324), (235, 67378), (239, 67396),

Gene: Greely_199 Start: 113589, Stop: 114719, Start Num: 30

Candidate Starts for Greely_199:

(23, 113577), (Start: 30 @113589 has 3 MA's), (42, 113646), (Start: 43 @113649 has 2 MA's), (49, 113670), (64, 113748), (75, 113805), (86, 113859), (88, 113877), (96, 113913), (98, 113928), (112, 113985), (116, 114009), (157, 114183), (161, 114204), (164, 114234), (194, 114345), (200, 114390), (208, 114447), (221, 114546), (224, 114567), (227, 114582), (233, 114600), (254, 114681), (257, 114684),

Gene: Grungle_195 Start: 114120, Stop: 115208, Start Num: 24

Candidate Starts for Grungle_195:

(10, 113988), (13, 114048), (Start: 17 @114090 has 8 MA's), (Start: 24 @114120 has 173 MA's), (42, 114186), (Start: 43 @114189 has 2 MA's), (45, 114192), (47, 114204), (53, 114222), (56, 114237), (74, 114342), (84, 114384), (87, 114405), (91, 114423), (106, 114501), (135, 114609), (152, 114687), (157, 114714), (161, 114735), (178, 114819), (186, 114837), (187, 114840), (188, 114843), (200, 114915), (213, 114996), (216, 115011), (221, 115059), (237, 115131), (257, 115197),

Gene: Guwapp_206 Start: 114917, Stop: 116005, Start Num: 24

Candidate Starts for Guwapp_206:

(4, 114602), (10, 114785), (13, 114845), (Start: 17 @114887 has 8 MA's), (Start: 24 @114917 has 173 MA's), (42, 114983), (Start: 43 @114986 has 2 MA's), (45, 114989), (47, 115001), (53, 115019), (56, 115034), (74, 115139), (84, 115181), (87, 115202), (91, 115220), (106, 115298), (135, 115406), (152, 115484), (157, 115511), (161, 115532), (178, 115616), (186, 115634), (187, 115637), (188, 115640), (200, 115712), (213, 115793), (216, 115808), (221, 115856), (237, 115928), (257, 115994),

Gene: Halldule_204 Start: 115302, Stop: 116390, Start Num: 24

Candidate Starts for Halldule_204:

(10, 115170), (13, 115230), (Start: 17 @115272 has 8 MA's), (Start: 24 @115302 has 173 MA's), (42, 115368), (Start: 43 @115371 has 2 MA's), (45, 115374), (47, 115386), (53, 115404), (56, 115419), (74, 115524), (84, 115566), (87, 115587), (91, 115605), (106, 115683), (135, 115791), (152, 115869), (157, 115896), (161, 115917), (178, 116001), (186, 116019), (187, 116022), (188, 116025), (200, 116097), (213, 116178), (216, 116193), (221, 116241), (237, 116313), (257, 116379),

Gene: HanKaySha_115 Start: 65331, Stop: 66293, Start Num: 32

Candidate Starts for HanKaySha_115:

(Start: 32 @65331 has 123 MA's), (Start: 43 @65388 has 2 MA's), (51, 65415), (63, 65487), (64, 65490), (74, 65544), (94, 65631), (99, 65649), (100, 65652), (119, 65742), (121, 65754), (138, 65817), (141, 65829), (155, 65889), (158, 65910), (165, 65952), (172, 65976), (191, 66039), (202, 66096), (210, 66144), (214, 66159),

Gene: Hanem_103 Start: 74301, Stop: 75407, Start Num: 28

Candidate Starts for Hanem_103:

(16, 74256), (20, 74268), (22, 74277), (Start: 28 @74301 has 73 MA's), (42, 74361), (Start: 43 @74364 has 2 MA's), (44, 74367), (55, 74412), (56, 74415), (57, 74421), (67, 74490), (72, 74511), (94, 74604), (95, 74610), (99, 74622), (103, 74649), (105, 74655), (115, 74694), (117, 74700), (120, 74721), (138, 74793), (146, 74817), (151, 74841), (155, 74859), (156, 74865), (173, 74958), (185, 75012), (201, 75087), (220, 75210), (240, 75306),

Gene: HangryHippo_83 Start: 63193, Stop: 64197, Start Num: 28

Candidate Starts for HangryHippo_83:

(21, 63166), (Start: 28 @63193 has 73 MA's), (40, 63238), (Start: 43 @63253 has 2 MA's), (46, 63265), (47, 63271), (48, 63274), (59, 63313), (73, 63394), (104, 63532), (112, 63556), (118, 63583), (138, 63694), (143, 63712), (161, 63790), (162, 63817), (178, 63880), (209, 64048), (228, 64159), (233, 64174),

Gene: Harella_120 Start: 66715, Stop: 67677, Start Num: 32

Candidate Starts for Harella_120:

(Start: 32 @66715 has 123 MA's), (Start: 43 @66772 has 2 MA's), (51, 66799), (64, 66874), (69, 66913), (74, 66928), (94, 67015), (99, 67033), (101, 67039), (118, 67117), (119, 67126), (121, 67138), (138, 67201), (141, 67213), (154, 67264), (158, 67294), (170, 67354), (172, 67360), (191, 67423), (209, 67522), (223, 67609), (238, 67672),

Gene: Henry_117 Start: 66000, Stop: 66962, Start Num: 32

Candidate Starts for Henry_117:

(Start: 32 @66000 has 123 MA's), (Start: 43 @66057 has 2 MA's), (51, 66084), (64, 66159), (69, 66198), (74, 66213), (94, 66300), (99, 66318), (101, 66324), (118, 66402), (119, 66411), (121, 66423), (138, 66486), (141, 66498), (154, 66549), (158, 66579), (170, 66639), (172, 66645), (191, 66708), (209, 66807), (223, 66894), (238, 66957),

Gene: Highbury_111 Start: 63488, Stop: 64450, Start Num: 32

Candidate Starts for Highbury_111:

(Start: 32 @63488 has 123 MA's), (Start: 43 @63545 has 2 MA's), (51, 63572), (63, 63644), (64, 63647), (74, 63701), (94, 63788), (99, 63806), (100, 63809), (119, 63899), (121, 63911), (138, 63974), (141, 63986), (155, 64046), (158, 64067), (165, 64109), (172, 64133), (191, 64196), (202, 64253), (210, 64301), (214, 64316),

Gene: Holt_121 Start: 66137, Stop: 67099, Start Num: 32

Candidate Starts for Holt_121:

(Start: 32 @66137 has 123 MA's), (Start: 43 @66194 has 2 MA's), (51, 66221), (63, 66293), (64, 66296), (74, 66350), (94, 66437), (99, 66455), (100, 66458), (119, 66548), (121, 66560), (138, 66623), (141, 66635), (155, 66695), (158, 66716), (165, 66758), (172, 66782), (191, 66845), (202, 66902), (210, 66950), (214, 66965),

Gene: Hoonter_118 Start: 65636, Stop: 66598, Start Num: 32

Candidate Starts for Hoonter_118:

(Start: 32 @65636 has 123 MA's), (Start: 43 @65693 has 2 MA's), (51, 65720), (63, 65792), (64, 65795), (74, 65849), (94, 65936), (99, 65954), (100, 65957), (119, 66047), (121, 66059), (138, 66122), (141, 66134), (155, 66194), (158, 66215), (165, 66257), (172, 66281), (191, 66344), (202, 66401), (210, 66449), (214, 66464),

Gene: Hokey_115 Start: 65942, Stop: 66904, Start Num: 32

Candidate Starts for Hokey_115:

(Start: 32 @65942 has 123 MA's), (Start: 43 @65999 has 2 MA's), (51, 66026), (63, 66098), (64, 66101), (74, 66155), (94, 66242), (99, 66260), (100, 66263), (119, 66353), (121, 66365), (138, 66428), (141, 66440), (155, 66500), (158, 66521), (165, 66563), (172, 66587), (191, 66650), (202, 66707), (210, 66755), (214, 66770),

Gene: HufflyPuff_117 Start: 66251, Stop: 67213, Start Num: 32

Candidate Starts for HufflyPuff_117:

(Start: 32 @66251 has 123 MA's), (Start: 43 @66308 has 2 MA's), (51, 66335), (63, 66407), (64, 66410), (74, 66464), (94, 66551), (99, 66569), (100, 66572), (119, 66662), (121, 66674), (138, 66737), (141, 66749), (155, 66809), (158, 66830), (165, 66872), (172, 66896), (191, 66959), (202, 67016), (210, 67064), (214, 67079),

Gene: HyRo_199 Start: 116426, Stop: 117514, Start Num: 24

Candidate Starts for HyRo_199:

(10, 116294), (13, 116354), (Start: 17 @116396 has 8 MA's), (Start: 24 @116426 has 173 MA's), (42, 116492), (Start: 43 @116495 has 2 MA's), (45, 116498), (47, 116510), (53, 116528), (56, 116543), (74, 116648), (84, 116690), (87, 116711), (91, 116729), (106, 116807), (122, 116876), (135, 116915), (152, 116993), (157, 117020), (161, 117041), (178, 117125), (186, 117143), (187, 117146), (188, 117149), (200, 117221), (202, 117230), (213, 117302), (216, 117317), (221, 117365), (237, 117437), (257, 117503),

Gene: I3_221 Start: 118871, Stop: 119959, Start Num: 24

Candidate Starts for I3_221:

(13, 118799), (Start: 17 @118841 has 8 MA's), (Start: 24 @118871 has 173 MA's), (42, 118937), (Start: 43 @118940 has 2 MA's), (45, 118943), (47, 118955), (53, 118973), (56, 118988), (74, 119093), (84, 119135), (87, 119156), (91, 119174), (106, 119252), (135, 119360), (152, 119438), (157, 119465), (161, 119486), (178, 119570), (186, 119588), (187, 119591), (188, 119594), (200, 119666), (213, 119747), (216, 119762), (221, 119810), (237, 119882), (257, 119948),

Gene: IHOP_117 Start: 65718, Stop: 66680, Start Num: 32

Candidate Starts for IHOP_117:

(Start: 32 @65718 has 123 MA's), (Start: 43 @65775 has 2 MA's), (51, 65802), (64, 65877), (69, 65916), (74, 65931), (94, 66018), (99, 66036), (101, 66042), (118, 66120), (119, 66129), (121, 66141), (138, 66204), (141, 66216), (154, 66267), (158, 66297), (170, 66357), (172, 66363), (191, 66426), (209, 66525), (223, 66612), (238, 66675),

Gene: Icee_120 Start: 65688, Stop: 66650, Start Num: 32

Candidate Starts for Icee_120:

(Start: 32 @65688 has 123 MA's), (Start: 43 @65745 has 2 MA's), (51, 65772), (63, 65844), (64, 65847), (74, 65901), (94, 65988), (99, 66006), (100, 66009), (119, 66099), (121, 66111), (138, 66174), (141, 66186), (155, 66246), (158, 66267), (165, 66309), (172, 66333), (191, 66396), (202, 66453), (210, 66501), (214, 66516),

Gene: IchabodCrane_82 Start: 62189, Stop: 63193, Start Num: 28

Candidate Starts for IchabodCrane_82:

(21, 62162), (Start: 28 @62189 has 73 MA's), (39, 62231), (Start: 43 @62249 has 2 MA's), (59, 62309), (104, 62528), (112, 62552), (116, 62573), (143, 62708), (153, 62744), (161, 62786), (183, 62900), (234, 63179),

Gene: IkeLoa_203 Start: 115827, Stop: 116915, Start Num: 24

Candidate Starts for IkeLoa_203:

(10, 115695), (13, 115755), (Start: 17 @115797 has 8 MA's), (Start: 24 @115827 has 173 MA's), (42, 115893), (Start: 43 @115896 has 2 MA's), (45, 115899), (47, 115911), (53, 115929), (56, 115944), (74, 116049), (84, 116091), (87, 116112), (91, 116130), (106, 116208), (135, 116316), (152, 116394), (157, 116421), (161, 116442), (178, 116526), (186, 116544), (187, 116547), (188, 116550), (200, 116622), (213, 116703), (216, 116718), (221, 116766), (237, 116838), (257, 116904),

Gene: Inca_115 Start: 63897, Stop: 64859, Start Num: 32

Candidate Starts for Inca_115:

(Start: 32 @63897 has 123 MA's), (Start: 43 @63954 has 2 MA's), (51, 63981), (64, 64056), (69, 64095), (74, 64110), (94, 64197), (99, 64215), (101, 64221), (118, 64299), (119, 64308), (121, 64320), (138, 64383), (141, 64395), (155, 64455), (158, 64476), (165, 64518), (172, 64542), (191, 64605), (202, 64662), (210, 64710), (214, 64725),

Gene: InigoMontoya_214 Start: 116836, Stop: 117924, Start Num: 24

Candidate Starts for InigoMontoya_214:

(10, 116704), (13, 116764), (Start: 17 @116806 has 8 MA's), (Start: 24 @116836 has 173 MA's), (42, 116902), (Start: 43 @116905 has 2 MA's), (45, 116908), (47, 116920), (53, 116938), (56, 116953), (74, 117058), (84, 117100), (87, 117121), (91, 117139), (106, 117217), (135, 117325), (152, 117403), (157, 117430), (161, 117451), (178, 117535), (186, 117553), (187, 117556), (188, 117559), (200, 117631), (213, 117712), (216, 117727), (221, 117775), (237, 117847), (257, 117913),

Gene: InterFolia_214 Start: 118504, Stop: 119622, Start Num: 17

Candidate Starts for InterFolia_214:

(10, 118402), (13, 118462), (Start: 17 @118504 has 8 MA's), (Start: 24 @118534 has 173 MA's), (42, 118600), (Start: 43 @118603 has 2 MA's), (45, 118606), (47, 118618), (53, 118636), (56, 118651), (74, 118756), (84, 118798), (87, 118819), (91, 118837), (106, 118915), (135, 119023), (152, 119101), (157, 119128), (161, 119149), (178, 119233), (186, 119251), (187, 119254), (188, 119257), (200, 119329), (213, 119410), (216, 119425), (221, 119473), (237, 119545), (257, 119611),

Gene: Iota_206 Start: 116521, Stop: 117609, Start Num: 24

Candidate Starts for Iota_206:

(10, 116389), (13, 116449), (Start: 17 @116491 has 8 MA's), (Start: 24 @116521 has 173 MA's), (42, 116587), (Start: 43 @116590 has 2 MA's), (45, 116593), (47, 116605), (53, 116623), (56, 116638), (74, 116743), (84, 116785), (87, 116806), (91, 116824), (106, 116902), (135, 117010), (152, 117088), (157, 117115), (161, 117136), (178, 117220), (186, 117238), (187, 117241), (188, 117244), (200, 117316), (213, 117397), (216, 117412), (221, 117460), (237, 117532), (257, 117598),

Gene: Issimir_204 Start: 116444, Stop: 117562, Start Num: 17

Candidate Starts for Issimir_204:

(10, 116342), (13, 116402), (Start: 17 @116444 has 8 MA's), (Start: 24 @116474 has 173 MA's), (42, 116540), (Start: 43 @116543 has 2 MA's), (45, 116546), (47, 116558), (53, 116576), (56, 116591), (74, 116696), (84, 116738), (87, 116759), (91, 116777), (106, 116855), (122, 116924), (135, 116963), (152, 117041), (157, 117068), (161, 117089), (178, 117173), (186, 117191), (187, 117194), (188, 117197), (200, 117269), (202, 117278), (213, 117350), (216, 117365), (221, 117413), (237, 117485), (257, 117551),

Gene: Izajani_209 Start: 117313, Stop: 118431, Start Num: 17

Candidate Starts for Izajani_209:

(10, 117211), (13, 117271), (Start: 17 @117313 has 8 MA's), (Start: 24 @117343 has 173 MA's), (42, 117409), (Start: 43 @117412 has 2 MA's), (45, 117415), (47, 117427), (53, 117445), (56, 117460), (74, 117565), (84, 117607), (87, 117628), (91, 117646), (106, 117724), (122, 117793), (135, 117832), (152, 117910), (157, 117937), (161, 117958), (178, 118042), (186, 118060), (187, 118063), (188, 118066), (200, 118138), (202, 118147), (213, 118219), (216, 118234), (221, 118282), (237, 118354), (257, 118420),

Gene: JPickles_207 Start: 114821, Stop: 115909, Start Num: 24

Candidate Starts for JPickles_207:

(4, 114506), (10, 114689), (13, 114749), (Start: 17 @114791 has 8 MA's), (Start: 24 @114821 has 173 MA's), (42, 114887), (Start: 43 @114890 has 2 MA's), (45, 114893), (47, 114905), (53, 114923), (56, 114938), (74, 115043), (84, 115085), (87, 115106), (91, 115124), (106, 115202), (135, 115310), (152, 115388), (157, 115415), (161, 115436), (178, 115520), (186, 115538), (187, 115541), (188, 115544), (200, 115616), (213, 115697), (216, 115712), (221, 115760), (237, 115832), (257, 115898),

Gene: Jada_64 Start: 52612, Stop: 53634, Start Num: 31

Candidate Starts for Jada_64:

(Start: 31 @52612 has 27 MA's), (36, 52630), (38, 52639), (59, 52729), (71, 52804), (76, 52819), (98, 52915), (104, 52948), (116, 52993), (117, 52996), (120, 53017), (134, 53071), (140, 53110), (170, 53254), (179, 53293), (184, 53314), (195, 53368), (202, 53401),

Gene: Janiyra_214 Start: 117061, Stop: 118149, Start Num: 24

Candidate Starts for Janiyra_214:

(10, 116929), (13, 116989), (Start: 17 @117031 has 8 MA's), (Start: 24 @117061 has 173 MA's), (42, 117127), (Start: 43 @117130 has 2 MA's), (45, 117133), (47, 117145), (53, 117163), (56, 117178), (74, 117283), (84, 117325), (87, 117346), (91, 117364), (106, 117442), (135, 117550), (152, 117628), (157, 117655), (161, 117676), (178, 117760), (186, 117778), (187, 117781), (188, 117784), (200, 117856), (213, 117937), (216, 117952), (221, 118000), (237, 118072), (257, 118138),

Gene: Jay2Jay_87 Start: 63946, Stop: 64950, Start Num: 28

Candidate Starts for Jay2Jay_87:

(Start: 28 @63946 has 73 MA's), (Start: 43 @64006 has 2 MA's), (48, 64027), (59, 64066), (74, 64150), (89, 64216), (104, 64285), (112, 64309), (143, 64465), (161, 64543), (180, 64642), (214, 64822), (228, 64912), (233, 64927),

Gene: JayJay_209 Start: 117728, Stop: 118846, Start Num: 17

Candidate Starts for JayJay_209:

(10, 117626), (13, 117686), (Start: 17 @117728 has 8 MA's), (Start: 24 @117758 has 173 MA's), (42, 117824), (Start: 43 @117827 has 2 MA's), (45, 117830), (47, 117842), (53, 117860), (56, 117875), (74, 117980), (84, 118022), (87, 118043), (91, 118061), (106, 118139), (122, 118208), (135, 118247), (152, 118325), (157, 118352), (161, 118373), (178, 118457), (186, 118475), (187, 118478), (188, 118481), (200, 118553), (202, 118562), (213, 118634), (216, 118649), (221, 118697), (237, 118769), (257, 118835),

Gene: Jaygup_207 Start: 115852, Stop: 116970, Start Num: 17

Candidate Starts for Jaygup_207:

(4, 115567), (10, 115750), (13, 115810), (Start: 17 @115852 has 8 MA's), (Start: 24 @115882 has 173 MA's), (42, 115948), (Start: 43 @115951 has 2 MA's), (45, 115954), (47, 115966), (53, 115984), (56, 115999), (74, 116104), (84, 116146), (87, 116167), (91, 116185), (106, 116263), (135, 116371), (152, 116449), (157, 116476), (161, 116497), (178, 116581), (186, 116599), (187, 116602), (188, 116605), (200, 116677), (213, 116758), (216, 116773), (221, 116821), (237, 116893), (257, 116959),

Gene: JeTaime_114 Start: 65349, Stop: 66311, Start Num: 32

Candidate Starts for JeTaime_114:

(Start: 32 @65349 has 123 MA's), (Start: 43 @65406 has 2 MA's), (51, 65433), (63, 65505), (64, 65508), (74, 65562), (94, 65649), (99, 65667), (100, 65670), (119, 65760), (121, 65772), (138, 65835), (141, 65847), (155, 65907), (158, 65928), (165, 65970), (172, 65994), (191, 66057), (202, 66114), (210, 66162), (214, 66177),

Gene: JeanGrey_96 Start: 78248, Stop: 79381, Start Num: 26

Candidate Starts for JeanGrey_96:

(Start: 26 @78248 has 2 MA's), (Start: 43 @78314 has 2 MA's), (47, 78329), (56, 78362), (74, 78467), (106, 78623), (108, 78629), (135, 78731), (157, 78836), (195, 79001), (211, 79106), (241, 79268), (248, 79325), (250, 79340),

Gene: Jedediah_211 Start: 116935, Stop: 118023, Start Num: 24

Candidate Starts for Jedediah_211:

(4, 116620), (10, 116803), (13, 116863), (Start: 17 @116905 has 8 MA's), (Start: 24 @116935 has 173 MA's), (42, 117001), (Start: 43 @117004 has 2 MA's), (45, 117007), (47, 117019), (53, 117037), (56, 117052), (74, 117157), (84, 117199), (87, 117220), (91, 117238), (106, 117316), (135, 117424), (152, 117502), (157, 117529), (161, 117550), (178, 117634), (186, 117652), (187, 117655), (188, 117658), (200, 117730), (213, 117811), (216, 117826), (221, 117874), (237, 117946), (257, 118012),

Gene: Jemmno_210 Start: 115764, Stop: 116852, Start Num: 24

Candidate Starts for Jemmno_210:

(10, 115632), (13, 115692), (Start: 17 @115734 has 8 MA's), (Start: 24 @115764 has 173 MA's), (42, 115830), (Start: 43 @115833 has 2 MA's), (45, 115836), (47, 115848), (53, 115866), (56, 115881), (74, 115986), (84, 116028), (87, 116049), (91, 116067), (106, 116145), (135, 116253), (152, 116331), (157, 116358), (161, 116379), (178, 116463), (186, 116481), (187, 116484), (188, 116487), (200, 116559), (213, 116640), (216, 116655), (221, 116703), (237, 116775), (257, 116841),

Gene: Jessibeth14_211 Start: 117952, Stop: 119040, Start Num: 24

Candidate Starts for Jessibeth14_211:

(10, 117820), (13, 117880), (Start: 17 @117922 has 8 MA's), (Start: 24 @117952 has 173 MA's), (42, 118018), (Start: 43 @118021 has 2 MA's), (45, 118024), (47, 118036), (53, 118054), (56, 118069), (74, 118174), (84, 118216), (87, 118237), (91, 118255), (106, 118333), (122, 118402), (135, 118441), (152, 118519), (157, 118546), (161, 118567), (178, 118651), (186, 118669), (187, 118672), (188, 118675), (200, 118747), (202, 118756), (213, 118828), (216, 118843), (221, 118891), (237, 118963), (257, 119029),

Gene: JigglyPuff_218 Start: 119302, Stop: 120420, Start Num: 17

Candidate Starts for JigglyPuff_218:

(10, 119200), (13, 119260), (Start: 17 @119302 has 8 MA's), (Start: 24 @119332 has 173 MA's), (42, 119398), (Start: 43 @119401 has 2 MA's), (45, 119404), (47, 119416), (53, 119434), (56, 119449), (74, 119554), (84, 119596), (87, 119617), (91, 119635), (106, 119713), (135, 119821), (152, 119899), (157, 119926), (161, 119947), (178, 120031), (186, 120049), (187, 120052), (188, 120055), (200, 120127), (213, 120208), (216, 120223), (221, 120271), (237, 120343), (257, 120409),

Gene: JimJam_85 Start: 62563, Stop: 63567, Start Num: 28

Candidate Starts for JimJam_85:

(21, 62536), (Start: 28 @62563 has 73 MA's), (39, 62605), (Start: 43 @62623 has 2 MA's), (59, 62683), (104, 62902), (112, 62926), (116, 62947), (143, 63082), (153, 63118), (161, 63160), (183, 63274), (234, 63553),

Gene: Jollison_84 Start: 62445, Stop: 63449, Start Num: 28

Candidate Starts for Jollison_84:

(21, 62418), (Start: 28 @62445 has 73 MA's), (39, 62487), (Start: 43 @62505 has 2 MA's), (59, 62565), (104, 62784), (112, 62808), (143, 62964), (153, 63000), (161, 63042), (183, 63156), (234, 63435),

Gene: JulietS_204 Start: 114023, Stop: 115141, Start Num: 17

Candidate Starts for JulietS_204:

(10, 113921), (13, 113981), (Start: 17 @114023 has 8 MA's), (Start: 24 @114053 has 173 MA's), (42, 114119), (Start: 43 @114122 has 2 MA's), (45, 114125), (47, 114137), (53, 114155), (56, 114170), (74, 114275), (84, 114317), (87, 114338), (91, 114356), (106, 114434), (135, 114542), (152, 114620), (157, 114647), (161, 114668), (178, 114752), (186, 114770), (187, 114773), (188, 114776), (200, 114848), (213, 114929), (216, 114944), (221, 114992), (237, 115064), (257, 115130),

Gene: JustHall_205 Start: 115968, Stop: 117056, Start Num: 24

Candidate Starts for JustHall_205:

(10, 115836), (13, 115896), (Start: 17 @115938 has 8 MA's), (Start: 24 @115968 has 173 MA's), (42, 116034), (Start: 43 @116037 has 2 MA's), (45, 116040), (47, 116052), (53, 116070), (56, 116085), (74, 116190), (84, 116232), (87, 116253), (91, 116271), (106, 116349), (122, 116418), (135, 116457), (152, 116535), (157, 116562), (161, 116583), (178, 116667), (186, 116685), (187, 116688), (188, 116691), (200, 116763), (202, 116772), (213, 116844), (216, 116859), (221, 116907), (237, 116979), (257, 117045),

Gene: Kabocha_105 Start: 75764, Stop: 76867, Start Num: 28

Candidate Starts for Kabocha_105:

(16, 75719), (20, 75731), (22, 75740), (Start: 28 @75764 has 73 MA's), (42, 75824), (Start: 43 @75827 has 2 MA's), (44, 75830), (55, 75875), (56, 75878), (57, 75884), (67, 75953), (72, 75974), (94, 76067), (95, 76073), (99, 76085), (103, 76112), (105, 76118), (115, 76157), (117, 76163), (120, 76184), (138, 76256), (146, 76280), (151, 76304), (155, 76322), (156, 76328), (173, 76421), (185, 76475), (201, 76550), (220, 76673), (240, 76769), (259, 76862),

Gene: Kamryn_210 Start: 117598, Stop: 118686, Start Num: 24

Candidate Starts for Kamryn_210:

(10, 117466), (13, 117526), (Start: 17 @117568 has 8 MA's), (Start: 24 @117598 has 173 MA's), (42, 117664), (Start: 43 @117667 has 2 MA's), (45, 117670), (47, 117682), (53, 117700), (56, 117715), (74, 117820), (84, 117862), (87, 117883), (91, 117901), (106, 117979), (122, 118048), (135, 118087), (152, 118165), (157, 118192), (161, 118213), (178, 118297), (186, 118315), (187, 118318), (188, 118321), (200, 118393), (202, 118402), (213, 118474), (216, 118489), (221, 118537), (237, 118609), (257, 118675),

Gene: Kanye_112 Start: 65392, Stop: 66354, Start Num: 32

Candidate Starts for Kanye_112:

(Start: 32 @65392 has 123 MA's), (Start: 43 @65449 has 2 MA's), (51, 65476), (63, 65548), (64, 65551), (74, 65605), (94, 65692), (99, 65710), (100, 65713), (119, 65803), (121, 65815), (138, 65878), (141, 65890), (155, 65950), (158, 65971), (165, 66013), (172, 66037), (191, 66100), (202, 66157), (210, 66205), (214, 66220),

Gene: Karimac_84 Start: 62594, Stop: 63598, Start Num: 28

Candidate Starts for Karimac_84:

(21, 62567), (Start: 28 @62594 has 73 MA's), (39, 62636), (Start: 43 @62654 has 2 MA's), (59, 62714), (104, 62933), (112, 62957), (116, 62978), (143, 63113), (153, 63149), (161, 63191), (183, 63305), (234, 63584),

Gene: Karp_63 Start: 53608, Stop: 54633, Start Num: 31

Candidate Starts for Karp_63:

(Start: 31 @53608 has 27 MA's), (71, 53800), (81, 53836), (98, 53911), (104, 53944), (117, 53992), (120, 54013), (134, 54067), (140, 54106), (141, 54109), (151, 54145), (163, 54223), (170, 54250), (179, 54289), (191, 54343), (195, 54364), (202, 54397), (209, 54451), (232, 54580),

Gene: Kboogie_215 Start: 116626, Stop: 117714, Start Num: 24

Candidate Starts for Kboogie_215:

(10, 116494), (13, 116554), (Start: 17 @116596 has 8 MA's), (Start: 24 @116626 has 173 MA's), (42, 116692), (Start: 43 @116695 has 2 MA's), (45, 116698), (47, 116710), (53, 116728), (56, 116743), (74, 116848), (84, 116890), (87, 116911), (91, 116929), (106, 117007), (135, 117115), (152, 117193), (157, 117220), (161, 117241), (178, 117325), (186, 117343), (187, 117346), (188, 117349), (200, 117421), (213, 117502), (216, 117517), (221, 117565), (237, 117637), (257, 117703),

Gene: Kenrey_66 Start: 52868, Stop: 53890, Start Num: 31

Candidate Starts for Kenrey_66:

(Start: 31 @52868 has 27 MA's), (36, 52886), (38, 52895), (71, 53060), (76, 53075), (79, 53087), (98, 53171), (104, 53204), (116, 53249), (120, 53273), (134, 53327), (140, 53366), (153, 53411), (170, 53510), (179, 53549), (195, 53624), (202, 53657), (204, 53684), (210, 53717),

Gene: KentuckyRacer_85 Start: 62378, Stop: 63382, Start Num: 28

Candidate Starts for KentuckyRacer_85:

(21, 62351), (Start: 28 @62378 has 73 MA's), (39, 62420), (Start: 43 @62438 has 2 MA's), (59, 62498), (104, 62717), (112, 62741), (116, 62762), (143, 62897), (153, 62933), (161, 62975), (183, 63089), (234, 63368),

Gene: Khaleesi_210 Start: 117419, Stop: 118507, Start Num: 24

Candidate Starts for Khaleesi_210:

(10, 117287), (13, 117347), (Start: 17 @117389 has 8 MA's), (Start: 24 @117419 has 173 MA's), (42, 117485), (Start: 43 @117488 has 2 MA's), (45, 117491), (47, 117503), (53, 117521), (56, 117536), (74, 117641), (84, 117683), (87, 117704), (91, 117722), (106, 117800), (122, 117869), (135, 117908), (152, 117986), (157, 118013), (161, 118034), (178, 118118), (186, 118136), (187, 118139), (188, 118142), (200, 118214), (202, 118223), (213, 118295), (216, 118310), (221, 118358), (237, 118430), (257, 118496),

Gene: Kimchi_120 Start: 65864, Stop: 66826, Start Num: 32

Candidate Starts for Kimchi_120:

(Start: 32 @65864 has 123 MA's), (Start: 43 @65921 has 2 MA's), (51, 65948), (63, 66020), (64, 66023), (74, 66077), (94, 66164), (99, 66182), (100, 66185), (119, 66275), (121, 66287), (138, 66350), (141, 66362), (155, 66422), (158, 66443), (165, 66485), (172, 66509), (191, 66572), (202, 66629), (210, 66677), (214, 66692),

Gene: Koguma_210 Start: 116279, Stop: 117367, Start Num: 24

Candidate Starts for Koguma_210:

(10, 116147), (13, 116207), (Start: 17 @116249 has 8 MA's), (Start: 24 @116279 has 173 MA's), (42, 116345), (Start: 43 @116348 has 2 MA's), (45, 116351), (47, 116363), (53, 116381), (56, 116396),

(74, 116501), (84, 116543), (87, 116564), (91, 116582), (106, 116660), (135, 116768), (152, 116846), (157, 116873), (161, 116894), (167, 116933), (178, 116978), (186, 116996), (187, 116999), (188, 117002), (200, 117074), (213, 117155), (216, 117170), (221, 117218), (237, 117290), (257, 117356),

Gene: Kostya_118 Start: 65820, Stop: 66782, Start Num: 32

Candidate Starts for Kostya_118:

(Start: 32 @65820 has 123 MA's), (Start: 43 @65877 has 2 MA's), (51, 65904), (64, 65979), (69, 66018), (74, 66033), (94, 66120), (99, 66138), (101, 66144), (118, 66222), (119, 66231), (121, 66243), (138, 66306), (141, 66318), (154, 66369), (158, 66399), (170, 66459), (172, 66465), (191, 66528), (209, 66627), (223, 66714), (238, 66777),

Gene: Kumao_88 Start: 55518, Stop: 56504, Start Num: 24

Candidate Starts for Kumao_88:

(Start: 24 @55518 has 173 MA's), (36, 55557), (42, 55593), (Start: 43 @55596 has 2 MA's), (49, 55620), (64, 55701), (69, 55740), (74, 55755), (119, 55953), (121, 55965), (133, 55992), (138, 56028), (144, 56049), (158, 56118), (159, 56121), (170, 56178), (174, 56190), (175, 56199), (181, 56220), (193, 56253), (195, 56268), (210, 56352), (213, 56364),

Gene: LRRHood_204 Start: 116624, Stop: 117712, Start Num: 24

Candidate Starts for LRRHood_204:

(10, 116492), (13, 116552), (Start: 17 @116594 has 8 MA's), (Start: 24 @116624 has 173 MA's), (42, 116690), (Start: 43 @116693 has 2 MA's), (45, 116696), (47, 116708), (53, 116726), (56, 116741), (74, 116846), (84, 116888), (87, 116909), (91, 116927), (106, 117005), (135, 117113), (152, 117191), (157, 117218), (161, 117239), (167, 117278), (178, 117323), (186, 117341), (187, 117344), (188, 117347), (200, 117419), (213, 117500), (216, 117515), (221, 117563), (237, 117635), (257, 117701),

Gene: Larnav_83 Start: 63178, Stop: 64182, Start Num: 28

Candidate Starts for Larnav_83:

(21, 63151), (Start: 28 @63178 has 73 MA's), (40, 63223), (Start: 43 @63238 has 2 MA's), (46, 63250), (47, 63256), (48, 63259), (59, 63298), (73, 63379), (104, 63517), (112, 63541), (118, 63568), (138, 63679), (143, 63697), (161, 63775), (162, 63802), (178, 63865), (209, 64033), (228, 64144), (233, 64159),

Gene: Latch_211 Start: 116172, Stop: 117260, Start Num: 24

Candidate Starts for Latch_211:

(10, 116040), (13, 116100), (Start: 17 @116142 has 8 MA's), (Start: 24 @116172 has 173 MA's), (42, 116238), (Start: 43 @116241 has 2 MA's), (45, 116244), (47, 116256), (53, 116274), (56, 116289), (74, 116394), (84, 116436), (87, 116457), (91, 116475), (106, 116553), (135, 116661), (152, 116739), (157, 116766), (161, 116787), (178, 116871), (186, 116889), (187, 116892), (188, 116895), (200, 116967), (213, 117048), (216, 117063), (221, 117111), (237, 117183), (257, 117249),

Gene: Lee7_211 Start: 118799, Stop: 119887, Start Num: 24

Candidate Starts for Lee7_211:

(10, 118667), (13, 118727), (Start: 17 @118769 has 8 MA's), (Start: 24 @118799 has 173 MA's), (42, 118865), (Start: 43 @118868 has 2 MA's), (45, 118871), (47, 118883), (53, 118901), (56, 118916), (74, 119021), (84, 119063), (87, 119084), (91, 119102), (106, 119180), (122, 119249), (135, 119288), (152, 119366), (157, 119393), (161, 119414), (178, 119498), (186, 119516), (187, 119519), (188, 119522), (200, 119594), (202, 119603), (213, 119675), (216, 119690), (221, 119738), (237, 119810), (257, 119876),

Gene: Lenoshki_102 Start: 76189, Stop: 77295, Start Num: 28

Candidate Starts for Lenoshki_102:

(16, 76144), (20, 76156), (22, 76165), (Start: 28 @76189 has 73 MA's), (42, 76249), (Start: 43 @76252 has 2 MA's), (44, 76255), (55, 76300), (56, 76303), (57, 76309), (67, 76378), (72, 76399), (94, 76492), (95, 76498), (99, 76510), (103, 76537), (105, 76543), (117, 76588), (120, 76609), (138, 76681), (146, 76705), (151, 76729), (155, 76747), (156, 76753), (173, 76846), (185, 76900), (201, 76975), (210, 77038), (220, 77098), (240, 77194),

Gene: Leo04_84 Start: 63693, Stop: 64697, Start Num: 28

Candidate Starts for Leo04_84:

(21, 63666), (Start: 28 @63693 has 73 MA's), (40, 63738), (Start: 43 @63753 has 2 MA's), (46, 63765), (47, 63771), (48, 63774), (59, 63813), (73, 63894), (104, 64032), (112, 64056), (118, 64083), (138, 64194), (143, 64212), (161, 64290), (162, 64317), (178, 64380), (209, 64548), (228, 64659), (233, 64674),

Gene: Liandry_81 Start: 62597, Stop: 63601, Start Num: 28

Candidate Starts for Liandry_81:

(21, 62570), (Start: 28 @62597 has 73 MA's), (Start: 43 @62657 has 2 MA's), (46, 62669), (47, 62675), (48, 62678), (59, 62717), (104, 62936), (112, 62960), (118, 62987), (143, 63116), (155, 63164), (161, 63194), (169, 63245), (184, 63311), (209, 63452), (217, 63494), (228, 63563), (233, 63578),

Gene: LifeSavor_210 Start: 116697, Stop: 117785, Start Num: 24

Candidate Starts for LifeSavor_210:

(4, 116382), (10, 116565), (13, 116625), (Start: 17 @116667 has 8 MA's), (Start: 24 @116697 has 173 MA's), (42, 116763), (Start: 43 @116766 has 2 MA's), (45, 116769), (47, 116781), (53, 116799), (56, 116814), (74, 116919), (84, 116961), (87, 116982), (91, 117000), (106, 117078), (135, 117186), (152, 117264), (157, 117291), (161, 117312), (178, 117396), (186, 117414), (187, 117417), (188, 117420), (200, 117492), (213, 117573), (216, 117588), (221, 117636), (237, 117708), (257, 117774),

Gene: LilMartin_80 Start: 61427, Stop: 62431, Start Num: 28

Candidate Starts for LilMartin_80:

(Start: 28 @61427 has 73 MA's), (Start: 43 @61487 has 2 MA's), (46, 61499), (89, 61697), (104, 61766), (112, 61790), (133, 61889), (143, 61946), (155, 61994), (161, 62024), (185, 62144), (228, 62393), (233, 62408),

Gene: Lilac_116 Start: 66085, Stop: 67047, Start Num: 32

Candidate Starts for Lilac_116:

(Start: 32 @66085 has 123 MA's), (Start: 43 @66142 has 2 MA's), (51, 66169), (63, 66241), (64, 66244), (74, 66298), (94, 66385), (99, 66403), (100, 66406), (119, 66496), (121, 66508), (138, 66571), (141, 66583), (155, 66643), (158, 66664), (165, 66706), (172, 66730), (191, 66793), (202, 66850), (210, 66898), (214, 66913),

Gene: Lilizi_115 Start: 65371, Stop: 66333, Start Num: 32

Candidate Starts for Lilizi_115:

(Start: 32 @65371 has 123 MA's), (Start: 43 @65428 has 2 MA's), (51, 65455), (63, 65527), (64, 65530), (74, 65584), (94, 65671), (99, 65689), (100, 65692), (119, 65782), (121, 65794), (138, 65857), (141, 65869), (155, 65929), (158, 65950), (165, 65992), (172, 66016), (191, 66079), (202, 66136), (210, 66184), (214, 66199),

Gene: Lilpickle_114 Start: 64783, Stop: 65745, Start Num: 32

Candidate Starts for Lilpickle_114:

(Start: 32 @64783 has 123 MA's), (Start: 43 @64840 has 2 MA's), (51, 64867), (63, 64939), (64, 64942), (74, 64996), (94, 65083), (99, 65101), (100, 65104), (119, 65194), (121, 65206), (138, 65269), (141, 65281), (155, 65341), (158, 65362), (165, 65404), (172, 65428), (191, 65491), (202, 65548),

(210, 65596), (214, 65611),

Gene: Limpid_61 Start: 51879, Stop: 52901, Start Num: 31

Candidate Starts for Limpid_61:

(Start: 31 @51879 has 27 MA's), (36, 51897), (70, 52068), (71, 52071), (79, 52098), (81, 52107), (108, 52230), (116, 52260), (134, 52338), (139, 52374), (140, 52377), (170, 52521), (178, 52554), (181, 52569), (195, 52635), (202, 52668), (222, 52803), (227, 52830), (234, 52857),

Gene: LinStu_210 Start: 116911, Stop: 117999, Start Num: 24

Candidate Starts for LinStu_210:

(10, 116779), (13, 116839), (Start: 17 @116881 has 8 MA's), (Start: 24 @116911 has 173 MA's), (42, 116977), (Start: 43 @116980 has 2 MA's), (45, 116983), (47, 116995), (53, 117013), (56, 117028), (74, 117133), (84, 117175), (87, 117196), (91, 117214), (106, 117292), (122, 117361), (135, 117400), (152, 117478), (157, 117505), (161, 117526), (178, 117610), (186, 117628), (187, 117631), (188, 117634), (200, 117706), (202, 117715), (213, 117787), (216, 117802), (221, 117850), (237, 117922), (257, 117988),

Gene: Littleton_214 Start: 117409, Stop: 118497, Start Num: 24

Candidate Starts for Littleton_214:

(10, 117277), (13, 117337), (Start: 17 @117379 has 8 MA's), (Start: 24 @117409 has 173 MA's), (42, 117475), (Start: 43 @117478 has 2 MA's), (45, 117481), (47, 117493), (53, 117511), (56, 117526), (74, 117631), (84, 117673), (87, 117694), (91, 117712), (106, 117790), (135, 117898), (152, 117976), (157, 118003), (161, 118024), (178, 118108), (186, 118126), (187, 118129), (188, 118132), (200, 118204), (213, 118285), (216, 118300), (221, 118348), (237, 118420), (257, 118486),

Gene: Loanshark_208 Start: 116734, Stop: 117822, Start Num: 24

Candidate Starts for Loanshark_208:

(10, 116602), (13, 116662), (Start: 17 @116704 has 8 MA's), (Start: 24 @116734 has 173 MA's), (42, 116800), (Start: 43 @116803 has 2 MA's), (45, 116806), (47, 116818), (53, 116836), (56, 116851), (74, 116956), (84, 116998), (87, 117019), (91, 117037), (106, 117115), (122, 117184), (135, 117223), (152, 117301), (157, 117328), (161, 117349), (178, 117433), (186, 117451), (187, 117454), (188, 117457), (200, 117529), (202, 117538), (213, 117610), (216, 117625), (221, 117673), (237, 117745), (257, 117811),

Gene: LolaVinca_209 Start: 117964, Stop: 119052, Start Num: 24

Candidate Starts for LolaVinca_209:

(10, 117832), (13, 117892), (Start: 17 @117934 has 8 MA's), (Start: 24 @117964 has 173 MA's), (42, 118030), (Start: 43 @118033 has 2 MA's), (45, 118036), (47, 118048), (53, 118066), (56, 118081), (74, 118186), (84, 118228), (87, 118249), (91, 118267), (106, 118345), (135, 118453), (152, 118531), (157, 118558), (161, 118579), (178, 118663), (186, 118681), (187, 118684), (188, 118687), (200, 118759), (213, 118840), (216, 118855), (221, 118903), (237, 118975), (257, 119041),

Gene: LordLeafolot_213 Start: 117577, Stop: 118665, Start Num: 24

Candidate Starts for LordLeafolot_213:

(4, 117262), (10, 117445), (13, 117505), (Start: 17 @117547 has 8 MA's), (Start: 24 @117577 has 173 MA's), (42, 117643), (Start: 43 @117646 has 2 MA's), (45, 117649), (47, 117661), (53, 117679), (56, 117694), (74, 117799), (84, 117841), (87, 117862), (91, 117880), (106, 117958), (135, 118066), (152, 118144), (157, 118171), (161, 118192), (178, 118276), (186, 118294), (187, 118297), (188, 118300), (200, 118372), (213, 118453), (216, 118468), (221, 118516), (237, 118588), (257, 118654),

Gene: LuckySocke_145 Start: 79028, Stop: 80050, Start Num: 24

Candidate Starts for LuckySocke_145:

(Start: 24 @79028 has 173 MA's), (34, 79049), (49, 79118), (60, 79178), (79, 79265), (101, 79361), (102, 79376), (105, 79388), (113, 79412), (133, 79487), (135, 79502), (180, 79724), (193, 79772), (207, 79880), (209, 79889), (211, 79898), (222, 79970), (234, 80024),

Gene: LukeCage_84 Start: 62351, Stop: 63355, Start Num: 28

Candidate Starts for LukeCage_84:

(21, 62324), (Start: 28 @62351 has 73 MA's), (39, 62393), (Start: 43 @62411 has 2 MA's), (59, 62471), (98, 62657), (104, 62690), (112, 62714), (121, 62762), (143, 62870), (153, 62906), (155, 62918), (161, 62948), (183, 63062), (234, 63341),

Gene: Lukilu_202 Start: 117634, Stop: 118722, Start Num: 24

Candidate Starts for Lukilu_202:

(10, 117502), (13, 117562), (Start: 17 @117604 has 8 MA's), (Start: 24 @117634 has 173 MA's), (42, 117700), (Start: 43 @117703 has 2 MA's), (45, 117706), (47, 117718), (53, 117736), (56, 117751), (74, 117856), (84, 117898), (87, 117919), (91, 117937), (106, 118015), (135, 118123), (152, 118201), (157, 118228), (161, 118249), (167, 118288), (178, 118333), (186, 118351), (187, 118354), (188, 118357), (200, 118429), (213, 118510), (216, 118525), (221, 118573), (237, 118645), (257, 118711),

Gene: Lululemon_82 Start: 62574, Stop: 63578, Start Num: 28

Candidate Starts for Lululemon_82:

(21, 62547), (Start: 28 @62574 has 73 MA's), (40, 62619), (Start: 43 @62634 has 2 MA's), (46, 62646), (47, 62652), (48, 62655), (59, 62694), (73, 62775), (104, 62913), (112, 62937), (118, 62964), (138, 63075), (143, 63093), (161, 63171), (162, 63198), (178, 63261), (209, 63429), (228, 63540), (233, 63555),

Gene: MISSy_116 Start: 66068, Stop: 67030, Start Num: 32

Candidate Starts for MISSy_116:

(Start: 32 @66068 has 123 MA's), (Start: 43 @66125 has 2 MA's), (51, 66152), (63, 66224), (64, 66227), (74, 66281), (94, 66368), (99, 66386), (100, 66389), (119, 66479), (121, 66491), (138, 66554), (141, 66566), (155, 66626), (158, 66647), (165, 66689), (172, 66713), (191, 66776), (202, 66833), (210, 66881), (214, 66896),

Gene: MPhalcon_116 Start: 65486, Stop: 66448, Start Num: 32

Candidate Starts for MPhalcon_116:

(Start: 32 @65486 has 123 MA's), (Start: 43 @65543 has 2 MA's), (51, 65570), (63, 65642), (64, 65645), (74, 65699), (94, 65786), (99, 65804), (100, 65807), (119, 65897), (121, 65909), (138, 65972), (141, 65984), (155, 66044), (158, 66065), (165, 66107), (172, 66131), (191, 66194), (202, 66251), (210, 66299), (214, 66314),

Gene: Maby2021_211 Start: 117863, Stop: 118951, Start Num: 24

Candidate Starts for Maby2021_211:

(10, 117731), (13, 117791), (Start: 17 @117833 has 8 MA's), (Start: 24 @117863 has 173 MA's), (42, 117929), (Start: 43 @117932 has 2 MA's), (45, 117935), (47, 117947), (53, 117965), (56, 117980), (74, 118085), (84, 118127), (87, 118148), (91, 118166), (106, 118244), (122, 118313), (135, 118352), (152, 118430), (157, 118457), (161, 118478), (178, 118562), (186, 118580), (187, 118583), (188, 118586), (200, 118658), (202, 118667), (213, 118739), (216, 118754), (221, 118802), (237, 118874), (257, 118940),

Gene: MadamMonkfish_114 Start: 64793, Stop: 65755, Start Num: 32

Candidate Starts for MadamMonkfish_114:

(Start: 32 @64793 has 123 MA's), (Start: 43 @64850 has 2 MA's), (51, 64877), (63, 64949), (64, 64952), (74, 65006), (94, 65093), (99, 65111), (100, 65114), (119, 65204), (121, 65216), (138, 65279), (141, 65291), (155, 65351), (158, 65372), (165, 65414), (172, 65438), (191, 65501), (202, 65558),

(210, 65606), (214, 65621),

Gene: Manda_116 Start: 65523, Stop: 66485, Start Num: 32

Candidate Starts for Manda_116:

(Start: 32 @65523 has 123 MA's), (Start: 43 @65580 has 2 MA's), (51, 65607), (63, 65679), (64, 65682), (74, 65736), (94, 65823), (99, 65841), (100, 65844), (119, 65934), (121, 65946), (138, 66009), (141, 66021), (155, 66081), (158, 66102), (165, 66144), (172, 66168), (191, 66231), (202, 66288), (210, 66336), (214, 66351),

Gene: Mangeria_212 Start: 117965, Stop: 119053, Start Num: 24

Candidate Starts for Mangeria_212:

(10, 117833), (13, 117893), (Start: 17 @117935 has 8 MA's), (Start: 24 @117965 has 173 MA's), (42, 118031), (Start: 43 @118034 has 2 MA's), (45, 118037), (47, 118049), (53, 118067), (56, 118082), (74, 118187), (84, 118229), (87, 118250), (91, 118268), (106, 118346), (122, 118415), (135, 118454), (152, 118532), (157, 118559), (161, 118580), (178, 118664), (186, 118682), (187, 118685), (188, 118688), (200, 118760), (213, 118841), (216, 118856), (221, 118904), (237, 118976), (257, 119042),

Gene: Marshmallow_117 Start: 66502, Stop: 67464, Start Num: 32

Candidate Starts for Marshmallow_117:

(Start: 32 @66502 has 123 MA's), (Start: 43 @66559 has 2 MA's), (51, 66586), (63, 66658), (64, 66661), (74, 66715), (94, 66802), (99, 66820), (100, 66823), (119, 66913), (121, 66925), (138, 66988), (141, 67000), (155, 67060), (158, 67081), (165, 67123), (172, 67147), (191, 67210), (202, 67267), (210, 67315), (214, 67330),

Gene: Matsumoto_210 Start: 116584, Stop: 117702, Start Num: 17

Candidate Starts for Matsumoto_210:

(10, 116482), (13, 116542), (Start: 17 @116584 has 8 MA's), (Start: 24 @116614 has 173 MA's), (42, 116680), (Start: 43 @116683 has 2 MA's), (45, 116686), (47, 116698), (53, 116716), (56, 116731), (74, 116836), (84, 116878), (87, 116899), (91, 116917), (106, 116995), (135, 117103), (152, 117181), (157, 117208), (161, 117229), (178, 117313), (186, 117331), (187, 117334), (188, 117337), (200, 117409), (213, 117490), (216, 117505), (221, 117553), (237, 117625), (257, 117691),

Gene: Maxxinista_117 Start: 65270, Stop: 66232, Start Num: 32

Candidate Starts for Maxxinista_117:

(Start: 32 @65270 has 123 MA's), (Start: 43 @65327 has 2 MA's), (51, 65354), (63, 65426), (64, 65429), (74, 65483), (94, 65570), (99, 65588), (100, 65591), (119, 65681), (121, 65693), (138, 65756), (141, 65768), (155, 65828), (158, 65849), (165, 65891), (172, 65915), (191, 65978), (202, 66035), (210, 66083), (214, 66098),

Gene: McGee_210 Start: 115808, Stop: 116896, Start Num: 24

Candidate Starts for McGee_210:

(10, 115676), (13, 115736), (Start: 17 @115778 has 8 MA's), (Start: 24 @115808 has 173 MA's), (42, 115874), (Start: 43 @115877 has 2 MA's), (45, 115880), (47, 115892), (53, 115910), (56, 115925), (74, 116030), (84, 116072), (87, 116093), (91, 116111), (106, 116189), (135, 116297), (152, 116375), (157, 116402), (161, 116423), (178, 116507), (186, 116525), (187, 116528), (188, 116531), (200, 116603), (213, 116684), (216, 116699), (221, 116747), (237, 116819), (257, 116885),

Gene: McWolfish_208 Start: 116630, Stop: 117718, Start Num: 24

Candidate Starts for McWolfish_208:

(10, 116498), (13, 116558), (Start: 17 @116600 has 8 MA's), (Start: 24 @116630 has 173 MA's), (42, 116696), (Start: 43 @116699 has 2 MA's), (45, 116702), (47, 116714), (53, 116732), (56, 116747), (74, 116852), (84, 116894), (87, 116915), (91, 116933), (106, 117011), (122, 117080), (135, 117119), (152, 117197), (157, 117224), (161, 117245), (178, 117329), (186, 117347), (187, 117350), (188,

117353), (200, 117425), (202, 117434), (213, 117506), (216, 117521), (221, 117569), (237, 117641), (257, 117707),

Gene: Megamind_208 Start: 116921, Stop: 118009, Start Num: 24

Candidate Starts for Megamind_208:

(10, 116789), (13, 116849), (Start: 17 @116891 has 8 MA's), (Start: 24 @116921 has 173 MA's), (42, 116987), (Start: 43 @116990 has 2 MA's), (45, 116993), (47, 117005), (53, 117023), (56, 117038), (74, 117143), (84, 117185), (87, 117206), (91, 117224), (106, 117302), (122, 117371), (135, 117410), (152, 117488), (157, 117515), (161, 117536), (178, 117620), (186, 117638), (187, 117641), (188, 117644), (200, 117716), (202, 117725), (213, 117797), (216, 117812), (221, 117860), (237, 117932), (257, 117998),

Gene: MeganTheeKilla_63 Start: 52047, Stop: 53069, Start Num: 31

Candidate Starts for MeganTheeKilla_63:

(Start: 31 @52047 has 27 MA's), (36, 52065), (38, 52074), (59, 52164), (71, 52239), (76, 52254), (98, 52350), (104, 52383), (116, 52428), (120, 52452), (134, 52506), (140, 52545), (169, 52683), (170, 52689), (179, 52728), (195, 52803), (202, 52836), (210, 52896),

Gene: Melpomini_206 Start: 115706, Stop: 116794, Start Num: 24

Candidate Starts for Melpomini_206:

(4, 115391), (10, 115574), (13, 115634), (Start: 17 @115676 has 8 MA's), (Start: 24 @115706 has 173 MA's), (42, 115772), (Start: 43 @115775 has 2 MA's), (45, 115778), (47, 115790), (53, 115808), (56, 115823), (74, 115928), (84, 115970), (87, 115991), (91, 116009), (106, 116087), (135, 116195), (152, 116273), (157, 116300), (161, 116321), (178, 116405), (186, 116423), (187, 116426), (188, 116429), (200, 116501), (213, 116582), (216, 116597), (221, 116645), (237, 116717), (257, 116783),

Gene: MikeLiesIn_213 Start: 118057, Stop: 119145, Start Num: 24

Candidate Starts for MikeLiesIn_213:

(10, 117925), (13, 117985), (Start: 17 @118027 has 8 MA's), (Start: 24 @118057 has 173 MA's), (42, 118123), (Start: 43 @118126 has 2 MA's), (45, 118129), (47, 118141), (53, 118159), (56, 118174), (74, 118279), (84, 118321), (87, 118342), (91, 118360), (106, 118438), (122, 118507), (135, 118546), (152, 118624), (157, 118651), (161, 118672), (178, 118756), (186, 118774), (187, 118777), (188, 118780), (200, 118852), (202, 118861), (213, 118933), (216, 118948), (221, 118996), (237, 119068), (257, 119134),

Gene: Mikro_207 Start: 118576, Stop: 119694, Start Num: 17

Candidate Starts for Mikro_207:

(10, 118474), (13, 118534), (Start: 17 @118576 has 8 MA's), (Start: 24 @118606 has 173 MA's), (42, 118672), (Start: 43 @118675 has 2 MA's), (45, 118678), (47, 118690), (53, 118708), (56, 118723), (74, 118828), (84, 118870), (87, 118891), (91, 118909), (106, 118987), (122, 119056), (135, 119095), (152, 119173), (157, 119200), (161, 119221), (178, 119305), (186, 119323), (187, 119326), (188, 119329), (200, 119401), (202, 119410), (213, 119482), (216, 119497), (221, 119545), (237, 119617), (257, 119683),

Gene: Mildred21_81 Start: 61626, Stop: 62633, Start Num: 28

Candidate Starts for Mildred21_81:

(21, 61599), (Start: 28 @61626 has 73 MA's), (Start: 43 @61689 has 2 MA's), (46, 61701), (59, 61749), (89, 61899), (104, 61968), (105, 61971), (108, 61983), (112, 61992), (143, 62148), (161, 62226), (169, 62277), (190, 62370), (228, 62595), (233, 62610),

Gene: MindFlayer_82 Start: 62096, Stop: 63100, Start Num: 28

Candidate Starts for MindFlayer_82:

(21, 62069), (Start: 28 @62096 has 73 MA's), (39, 62138), (Start: 43 @62156 has 2 MA's), (59, 62216), (104, 62435), (112, 62459), (143, 62615), (153, 62651), (161, 62693), (183, 62807), (234, 63086),

Gene: Mindy_118 Start: 65661, Stop: 66623, Start Num: 32

Candidate Starts for Mindy_118:

(Start: 32 @65661 has 123 MA's), (Start: 43 @65718 has 2 MA's), (51, 65745), (63, 65817), (64, 65820), (74, 65874), (94, 65961), (99, 65979), (100, 65982), (119, 66072), (121, 66084), (138, 66147), (141, 66159), (155, 66219), (158, 66240), (165, 66282), (172, 66306), (191, 66369), (202, 66426), (210, 66474), (214, 66489),

Gene: Miniwave_110 Start: 64979, Stop: 65941, Start Num: 32

Candidate Starts for Miniwave_110:

(Start: 32 @64979 has 123 MA's), (Start: 43 @65036 has 2 MA's), (51, 65063), (63, 65135), (64, 65138), (74, 65192), (94, 65279), (99, 65297), (100, 65300), (119, 65390), (121, 65402), (138, 65465), (141, 65477), (155, 65537), (158, 65558), (165, 65600), (172, 65624), (191, 65687), (202, 65744), (210, 65792), (214, 65807),

Gene: MintFritos_99 Start: 74589, Stop: 75692, Start Num: 28

Candidate Starts for MintFritos_99:

(16, 74544), (20, 74556), (22, 74565), (Start: 28 @74589 has 73 MA's), (42, 74649), (Start: 43 @74652 has 2 MA's), (44, 74655), (55, 74700), (56, 74703), (57, 74709), (67, 74778), (72, 74799), (94, 74892), (95, 74898), (99, 74910), (103, 74937), (105, 74943), (115, 74982), (117, 74988), (120, 75009), (138, 75081), (146, 75105), (151, 75129), (155, 75147), (156, 75153), (173, 75246), (185, 75300), (201, 75375), (210, 75438), (220, 75498), (240, 75594), (259, 75687),

Gene: Misfit_116 Start: 66582, Stop: 67544, Start Num: 32

Candidate Starts for Misfit_116:

(Start: 32 @66582 has 123 MA's), (Start: 43 @66639 has 2 MA's), (51, 66666), (63, 66738), (64, 66741), (74, 66795), (94, 66882), (99, 66900), (100, 66903), (119, 66993), (121, 67005), (138, 67068), (141, 67080), (155, 67140), (158, 67161), (165, 67203), (172, 67227), (191, 67290), (202, 67347), (210, 67395), (214, 67410),

Gene: MoMoMixon_209 Start: 117096, Stop: 118184, Start Num: 24

Candidate Starts for MoMoMixon_209:

(10, 116964), (13, 117024), (Start: 17 @117066 has 8 MA's), (Start: 24 @117096 has 173 MA's), (42, 117162), (Start: 43 @117165 has 2 MA's), (45, 117168), (47, 117180), (53, 117198), (56, 117213), (74, 117318), (84, 117360), (87, 117381), (91, 117399), (106, 117477), (135, 117585), (152, 117663), (157, 117690), (161, 117711), (178, 117795), (186, 117813), (187, 117816), (188, 117819), (200, 117891), (213, 117972), (216, 117987), (221, 118035), (237, 118107), (257, 118173),

Gene: Moab_65 Start: 53887, Stop: 54909, Start Num: 31

Candidate Starts for Moab_65:

(Start: 31 @53887 has 27 MA's), (38, 53914), (59, 54004), (71, 54079), (77, 54097), (104, 54223), (120, 54292), (134, 54346), (140, 54385), (152, 54427), (170, 54529), (179, 54568), (192, 54625), (195, 54643), (202, 54676), (205, 54709), (209, 54730), (210, 54736), (232, 54859),

Gene: Moldemort_117 Start: 65251, Stop: 66213, Start Num: 32

Candidate Starts for Moldemort_117:

(Start: 32 @65251 has 123 MA's), (Start: 43 @65308 has 2 MA's), (51, 65335), (63, 65407), (64, 65410), (74, 65464), (94, 65551), (99, 65569), (100, 65572), (119, 65662), (121, 65674), (138, 65737), (141, 65749), (155, 65809), (158, 65830), (165, 65872), (172, 65896), (191, 65959), (202, 66016), (210, 66064), (214, 66079),

Gene: Momo_212 Start: 116172, Stop: 117260, Start Num: 24

Candidate Starts for Momo_212:

(10, 116040), (13, 116100), (Start: 17 @116142 has 8 MA's), (Start: 24 @116172 has 173 MA's), (42, 116238), (Start: 43 @116241 has 2 MA's), (45, 116244), (47, 116256), (53, 116274), (56, 116289), (74, 116394), (84, 116436), (87, 116457), (91, 116475), (106, 116553), (135, 116661), (152, 116739), (157, 116766), (161, 116787), (178, 116871), (186, 116889), (187, 116892), (188, 116895), (200, 116967), (213, 117048), (216, 117063), (221, 117111), (237, 117183), (257, 117249),

Gene: Morizzled23_208 Start: 115539, Stop: 116627, Start Num: 24

Candidate Starts for Morizzled23_208:

(10, 115407), (13, 115467), (Start: 17 @115509 has 8 MA's), (Start: 24 @115539 has 173 MA's), (42, 115605), (Start: 43 @115608 has 2 MA's), (45, 115611), (47, 115623), (53, 115641), (56, 115656), (74, 115761), (84, 115803), (87, 115824), (91, 115842), (106, 115920), (135, 116028), (152, 116106), (157, 116133), (161, 116154), (178, 116238), (186, 116256), (187, 116259), (188, 116262), (200, 116334), (213, 116415), (216, 116430), (221, 116478), (237, 116550), (257, 116616),

Gene: Mosby_112 Start: 64946, Stop: 65908, Start Num: 32

Candidate Starts for Mosby_112:

(Start: 32 @64946 has 123 MA's), (Start: 43 @65003 has 2 MA's), (51, 65030), (63, 65102), (64, 65105), (74, 65159), (94, 65246), (99, 65264), (100, 65267), (119, 65357), (121, 65369), (138, 65432), (141, 65444), (155, 65504), (158, 65525), (165, 65567), (172, 65591), (191, 65654), (202, 65711), (210, 65759), (214, 65774),

Gene: Mugiwara_86 Start: 62850, Stop: 63854, Start Num: 28

Candidate Starts for Mugiwara_86:

(Start: 28 @62850 has 73 MA's), (39, 62892), (Start: 43 @62910 has 2 MA's), (59, 62970), (104, 63189), (112, 63213), (143, 63369), (161, 63447), (170, 63504), (183, 63561), (217, 63747), (234, 63840),

Gene: MulchMansion_80 Start: 61427, Stop: 62431, Start Num: 28

Candidate Starts for MulchMansion_80:

(Start: 28 @61427 has 73 MA's), (Start: 43 @61487 has 2 MA's), (46, 61499), (74, 61631), (89, 61697), (104, 61766), (112, 61790), (133, 61889), (143, 61946), (155, 61994), (161, 62024), (185, 62144), (228, 62393), (233, 62408),

Gene: Muntaha_62 Start: 54248, Stop: 55273, Start Num: 31

Candidate Starts for Muntaha_62:

(Start: 31 @54248 has 27 MA's), (38, 54275), (68, 54431), (70, 54437), (71, 54440), (93, 54530), (108, 54599), (134, 54707), (135, 54716), (139, 54743), (140, 54746), (152, 54788), (170, 54890), (178, 54923), (195, 55004), (214, 55112),

Gene: Murica_119 Start: 67285, Stop: 68247, Start Num: 32

Candidate Starts for Murica_119:

(Start: 32 @67285 has 123 MA's), (Start: 43 @67342 has 2 MA's), (51, 67369), (63, 67441), (64, 67444), (74, 67498), (94, 67585), (99, 67603), (100, 67606), (119, 67696), (121, 67708), (138, 67771), (141, 67783), (155, 67843), (158, 67864), (165, 67906), (172, 67930), (191, 67993), (202, 68050), (210, 68098), (214, 68113),

Gene: Murphy_114 Start: 65643, Stop: 66605, Start Num: 32

Candidate Starts for Murphy_114:

(Start: 32 @65643 has 123 MA's), (Start: 43 @65700 has 2 MA's), (51, 65727), (63, 65799), (64, 65802), (74, 65856), (94, 65943), (99, 65961), (100, 65964), (119, 66054), (121, 66066), (138, 66129),

(141, 66141), (155, 66201), (158, 66222), (165, 66264), (172, 66288), (191, 66351), (202, 66408), (210, 66456), (214, 66471),

Gene: Myrale_116 Start: 66158, Stop: 67120, Start Num: 32

Candidate Starts for Myrale_116:

(Start: 32 @66158 has 123 MA's), (Start: 43 @66215 has 2 MA's), (51, 66242), (63, 66314), (64, 66317), (74, 66371), (94, 66458), (99, 66476), (100, 66479), (119, 66569), (121, 66581), (138, 66644), (141, 66656), (155, 66716), (158, 66737), (165, 66779), (172, 66803), (191, 66866), (202, 66923), (210, 66971), (214, 66986),

Gene: Myrna_193 Start: 113228, Stop: 114343, Start Num: 30

Candidate Starts for Myrna_193:

(Start: 30 @113228 has 3 MA's), (42, 113285), (Start: 43 @113288 has 2 MA's), (49, 113309), (74, 113441), (86, 113498), (88, 113516), (90, 113525), (96, 113552), (98, 113567), (112, 113624), (123, 113681), (126, 113687), (152, 113795), (157, 113822), (161, 113843), (164, 113873), (194, 113984), (200, 114029), (207, 114083), (208, 114086), (221, 114170), (233, 114224), (254, 114305), (257, 114308),

Gene: Naija_212 Start: 116875, Stop: 117963, Start Num: 24

Candidate Starts for Naija_212:

(10, 116743), (13, 116803), (Start: 17 @116845 has 8 MA's), (Start: 24 @116875 has 173 MA's), (42, 116941), (Start: 43 @116944 has 2 MA's), (45, 116947), (47, 116959), (53, 116977), (56, 116992), (74, 117097), (84, 117139), (87, 117160), (91, 117178), (106, 117256), (135, 117364), (152, 117442), (157, 117469), (161, 117490), (178, 117574), (186, 117592), (187, 117595), (188, 117598), (200, 117670), (213, 117751), (216, 117766), (221, 117814), (237, 117886), (257, 117952),

Gene: Nala_117 Start: 65995, Stop: 66957, Start Num: 32

Candidate Starts for Nala_117:

(Start: 32 @65995 has 123 MA's), (Start: 43 @66052 has 2 MA's), (51, 66079), (63, 66151), (64, 66154), (74, 66208), (94, 66295), (99, 66313), (100, 66316), (119, 66406), (121, 66418), (138, 66481), (141, 66493), (155, 66553), (158, 66574), (165, 66616), (172, 66640), (191, 66703), (202, 66760), (210, 66808), (214, 66823),

Gene: Napoleon13_208 Start: 115903, Stop: 116991, Start Num: 24

Candidate Starts for Napoleon13_208:

(10, 115771), (13, 115831), (Start: 17 @115873 has 8 MA's), (Start: 24 @115903 has 173 MA's), (42, 115969), (Start: 43 @115972 has 2 MA's), (45, 115975), (47, 115987), (53, 116005), (56, 116020), (74, 116125), (84, 116167), (87, 116188), (91, 116206), (106, 116284), (135, 116392), (152, 116470), (157, 116497), (161, 116518), (178, 116602), (186, 116620), (187, 116623), (188, 116626), (200, 116698), (213, 116779), (216, 116794), (221, 116842), (237, 116914), (257, 116980),

Gene: Nappy_212 Start: 118569, Stop: 119657, Start Num: 24

Candidate Starts for Nappy_212:

(10, 118437), (13, 118497), (Start: 17 @118539 has 8 MA's), (Start: 24 @118569 has 173 MA's), (42, 118635), (Start: 43 @118638 has 2 MA's), (45, 118641), (47, 118653), (53, 118671), (56, 118686), (74, 118791), (84, 118833), (87, 118854), (91, 118872), (106, 118950), (135, 119058), (152, 119136), (157, 119163), (161, 119184), (178, 119268), (186, 119286), (187, 119289), (188, 119292), (200, 119364), (213, 119445), (216, 119460), (221, 119508), (237, 119580), (257, 119646),

Gene: Naval22_216 Start: 118652, Stop: 119740, Start Num: 24

Candidate Starts for Naval22_216:

(10, 118520), (13, 118580), (Start: 17 @118622 has 8 MA's), (Start: 24 @118652 has 173 MA's), (42, 118718), (Start: 43 @118721 has 2 MA's), (45, 118724), (47, 118736), (53, 118754), (56, 118769),

(74, 118874), (84, 118916), (87, 118937), (91, 118955), (106, 119033), (135, 119141), (152, 119219), (157, 119246), (161, 119267), (178, 119351), (186, 119369), (187, 119372), (188, 119375), (200, 119447), (213, 119528), (216, 119543), (221, 119591), (237, 119663), (257, 119729),

Gene: Navo_80 Start: 62516, Stop: 63520, Start Num: 28

Candidate Starts for Navo_80:

(21, 62489), (Start: 28 @62516 has 73 MA's), (Start: 43 @62576 has 2 MA's), (46, 62588), (47, 62594), (48, 62597), (59, 62636), (104, 62855), (112, 62879), (118, 62906), (143, 63035), (155, 63083), (161, 63113), (169, 63164), (184, 63230), (209, 63371), (228, 63482), (233, 63497),

Gene: NedWong_210 Start: 117308, Stop: 118396, Start Num: 24

Candidate Starts for NedWong_210:

(10, 117176), (13, 117236), (Start: 17 @117278 has 8 MA's), (Start: 24 @117308 has 173 MA's), (42, 117374), (Start: 43 @117377 has 2 MA's), (45, 117380), (47, 117392), (53, 117410), (56, 117425), (74, 117530), (84, 117572), (87, 117593), (91, 117611), (106, 117689), (122, 117758), (135, 117797), (152, 117875), (157, 117902), (161, 117923), (178, 118007), (186, 118025), (187, 118028), (188, 118031), (200, 118103), (202, 118112), (213, 118184), (216, 118199), (221, 118247), (237, 118319), (257, 118385),

Gene: NelitzaMV_112 Start: 63968, Stop: 64930, Start Num: 32

Candidate Starts for NelitzaMV_112:

(Start: 32 @63968 has 123 MA's), (Start: 43 @64025 has 2 MA's), (51, 64052), (63, 64124), (64, 64127), (74, 64181), (94, 64268), (99, 64286), (100, 64289), (119, 64379), (121, 64391), (138, 64454), (141, 64466), (155, 64526), (158, 64547), (165, 64589), (172, 64613), (191, 64676), (202, 64733), (210, 64781), (214, 64796),

Gene: Ngannou_208 Start: 115154, Stop: 116242, Start Num: 24

Candidate Starts for Ngannou_208:

(10, 115022), (13, 115082), (Start: 17 @115124 has 8 MA's), (Start: 24 @115154 has 173 MA's), (42, 115220), (Start: 43 @115223 has 2 MA's), (45, 115226), (47, 115238), (53, 115256), (56, 115271), (74, 115376), (84, 115418), (87, 115439), (91, 115457), (106, 115535), (135, 115643), (152, 115721), (157, 115748), (161, 115769), (178, 115853), (186, 115871), (187, 115874), (188, 115877), (200, 115949), (213, 116030), (216, 116045), (221, 116093), (237, 116165), (257, 116231),

Gene: NiceHouse_93 Start: 69266, Stop: 70279, Start Num: 31

Candidate Starts for NiceHouse_93:

(Start: 31 @69266 has 27 MA's), (54, 69365), (68, 69449), (70, 69455), (71, 69458), (77, 69476), (81, 69494), (87, 69524), (94, 69554), (99, 69572), (104, 69602), (118, 69653), (120, 69671), (121, 69674), (140, 69767), (147, 69791), (181, 69965), (184, 69977), (218, 70178), (224, 70214), (228, 70232), (237, 70268),

Gene: Nidhogg_212 Start: 117701, Stop: 118789, Start Num: 24

Candidate Starts for Nidhogg_212:

(10, 117569), (13, 117629), (Start: 17 @117671 has 8 MA's), (Start: 24 @117701 has 173 MA's), (42, 117767), (Start: 43 @117770 has 2 MA's), (45, 117773), (47, 117785), (53, 117803), (56, 117818), (74, 117923), (84, 117965), (87, 117986), (91, 118004), (106, 118082), (135, 118190), (152, 118268), (157, 118295), (161, 118316), (178, 118400), (186, 118418), (187, 118421), (188, 118424), (200, 118496), (213, 118577), (216, 118592), (221, 118640), (237, 118712), (257, 118778),

Gene: Nimrod_116 Start: 66209, Stop: 67171, Start Num: 32

Candidate Starts for Nimrod_116:

(Start: 32 @66209 has 123 MA's), (Start: 43 @66266 has 2 MA's), (51, 66293), (63, 66365), (64, 66368), (74, 66422), (94, 66509), (99, 66527), (100, 66530), (119, 66620), (121, 66632), (138, 66695),

(141, 66707), (155, 66767), (158, 66788), (165, 66830), (172, 66854), (191, 66917), (202, 66974), (210, 67022), (214, 67037),

Gene: NoSleep_115 Start: 64803, Stop: 65765, Start Num: 32

Candidate Starts for NoSleep_115:

(Start: 32 @64803 has 123 MA's), (Start: 43 @64860 has 2 MA's), (51, 64887), (63, 64959), (64, 64962), (74, 65016), (94, 65103), (99, 65121), (100, 65124), (119, 65214), (121, 65226), (138, 65289), (141, 65301), (155, 65361), (158, 65382), (165, 65424), (172, 65448), (191, 65511), (202, 65568), (210, 65616), (214, 65631),

Gene: NoodleTree_217 Start: 117608, Stop: 118696, Start Num: 24

Candidate Starts for NoodleTree_217:

(10, 117476), (13, 117536), (Start: 17 @117578 has 8 MA's), (Start: 24 @117608 has 173 MA's), (42, 117674), (Start: 43 @117677 has 2 MA's), (45, 117680), (47, 117692), (53, 117710), (56, 117725), (74, 117830), (84, 117872), (87, 117893), (91, 117911), (106, 117989), (122, 118058), (135, 118097), (152, 118175), (157, 118202), (161, 118223), (178, 118307), (186, 118325), (187, 118328), (188, 118331), (200, 118403), (202, 118412), (213, 118484), (216, 118499), (221, 118547), (237, 118619), (257, 118685),

Gene: NootNoot_78 Start: 61511, Stop: 62515, Start Num: 28

Candidate Starts for NootNoot_78:

(21, 61484), (Start: 28 @61511 has 73 MA's), (Start: 43 @61571 has 2 MA's), (46, 61583), (47, 61589), (48, 61592), (59, 61631), (104, 61850), (112, 61874), (118, 61901), (143, 62030), (155, 62078), (161, 62108), (169, 62159), (217, 62408), (228, 62477), (233, 62492),

Gene: Norm_211 Start: 117610, Stop: 118698, Start Num: 24

Candidate Starts for Norm_211:

(10, 117478), (13, 117538), (Start: 17 @117580 has 8 MA's), (Start: 24 @117610 has 173 MA's), (42, 117676), (Start: 43 @117679 has 2 MA's), (45, 117682), (47, 117694), (53, 117712), (56, 117727), (74, 117832), (84, 117874), (87, 117895), (91, 117913), (106, 117991), (122, 118060), (135, 118099), (152, 118177), (157, 118204), (161, 118225), (178, 118309), (186, 118327), (187, 118330), (188, 118333), (200, 118405), (202, 118414), (213, 118486), (216, 118501), (221, 118549), (237, 118621), (257, 118687),

Gene: NuevoMundo_214 Start: 119162, Stop: 120250, Start Num: 24

Candidate Starts for NuevoMundo_214:

(10, 119030), (13, 119090), (Start: 17 @119132 has 8 MA's), (Start: 24 @119162 has 173 MA's), (42, 119228), (Start: 43 @119231 has 2 MA's), (45, 119234), (47, 119246), (53, 119264), (56, 119279), (74, 119384), (84, 119426), (87, 119447), (91, 119465), (106, 119543), (122, 119612), (135, 119651), (152, 119729), (157, 119756), (161, 119777), (178, 119861), (186, 119879), (187, 119882), (188, 119885), (200, 119957), (202, 119966), (213, 120038), (216, 120053), (221, 120101), (237, 120173), (257, 120239),

Gene: Oogie_101 Start: 76239, Stop: 77345, Start Num: 28

Candidate Starts for Oogie_101:

(16, 76194), (20, 76206), (22, 76215), (Start: 28 @76239 has 73 MA's), (42, 76299), (Start: 43 @76302 has 2 MA's), (44, 76305), (55, 76350), (56, 76353), (57, 76359), (67, 76428), (72, 76449), (94, 76542), (95, 76548), (99, 76560), (103, 76587), (105, 76593), (117, 76638), (120, 76659), (138, 76731), (146, 76755), (151, 76779), (155, 76797), (156, 76803), (173, 76896), (185, 76950), (201, 77025), (210, 77088), (220, 77148), (240, 77244),

Gene: OrionPax_113 Start: 64876, Stop: 65838, Start Num: 32

Candidate Starts for OrionPax_113:

(Start: 32 @64876 has 123 MA's), (Start: 43 @64933 has 2 MA's), (51, 64960), (63, 65032), (64, 65035), (74, 65089), (94, 65176), (99, 65194), (100, 65197), (119, 65287), (121, 65299), (138, 65362), (141, 65374), (155, 65434), (158, 65455), (165, 65497), (172, 65521), (191, 65584), (202, 65641), (210, 65689), (214, 65704),

Gene: PacManQ_82 Start: 62574, Stop: 63578, Start Num: 28

Candidate Starts for PacManQ_82:

(21, 62547), (Start: 28 @62574 has 73 MA's), (40, 62619), (Start: 43 @62634 has 2 MA's), (46, 62646), (47, 62652), (48, 62655), (59, 62694), (73, 62775), (104, 62913), (112, 62937), (118, 62964), (138, 63075), (143, 63093), (161, 63171), (162, 63198), (178, 63261), (209, 63429), (228, 63540), (233, 63555),

Gene: Pakusa_98 Start: 74027, Stop: 75133, Start Num: 28

Candidate Starts for Pakusa_98:

(16, 73982), (20, 73994), (22, 74003), (Start: 28 @74027 has 73 MA's), (42, 74087), (Start: 43 @74090 has 2 MA's), (44, 74093), (55, 74138), (56, 74141), (57, 74147), (67, 74216), (72, 74237), (94, 74330), (95, 74336), (99, 74348), (103, 74375), (105, 74381), (115, 74420), (117, 74426), (120, 74447), (138, 74519), (146, 74543), (151, 74567), (155, 74585), (156, 74591), (173, 74684), (185, 74738), (201, 74813), (210, 74876), (220, 74936), (240, 75032),

Gene: Palpatine_116 Start: 66280, Stop: 67242, Start Num: 32

Candidate Starts for Palpatine_116:

(Start: 32 @66280 has 123 MA's), (Start: 43 @66337 has 2 MA's), (51, 66364), (63, 66436), (64, 66439), (74, 66493), (94, 66580), (99, 66598), (100, 66601), (119, 66691), (121, 66703), (138, 66766), (141, 66778), (155, 66838), (158, 66859), (165, 66901), (172, 66925), (191, 66988), (202, 67045), (210, 67093), (214, 67108),

Gene: Paperbeatsrock_114 Start: 65657, Stop: 66619, Start Num: 32

Candidate Starts for Paperbeatsrock_114:

(Start: 32 @65657 has 123 MA's), (Start: 43 @65714 has 2 MA's), (51, 65741), (63, 65813), (64, 65816), (74, 65870), (94, 65957), (99, 65975), (100, 65978), (119, 66068), (121, 66080), (138, 66143), (141, 66155), (155, 66215), (158, 66236), (165, 66278), (172, 66302), (191, 66365), (202, 66422), (210, 66470), (214, 66485),

Gene: Paradiddles_78 Start: 61775, Stop: 62779, Start Num: 28

Candidate Starts for Paradiddles_78:

(21, 61748), (Start: 28 @61775 has 73 MA's), (Start: 43 @61835 has 2 MA's), (46, 61847), (47, 61853), (48, 61856), (59, 61895), (104, 62114), (112, 62138), (118, 62165), (143, 62294), (145, 62297), (155, 62342), (161, 62372), (169, 62423), (209, 62630), (228, 62741), (233, 62756),

Gene: ParkTD_210 Start: 117172, Stop: 118260, Start Num: 24

Candidate Starts for ParkTD_210:

(10, 117040), (13, 117100), (Start: 17 @117142 has 8 MA's), (Start: 24 @117172 has 173 MA's), (42, 117238), (Start: 43 @117241 has 2 MA's), (45, 117244), (47, 117256), (53, 117274), (56, 117289), (74, 117394), (84, 117436), (87, 117457), (91, 117475), (106, 117553), (122, 117622), (135, 117661), (152, 117739), (157, 117766), (161, 117787), (178, 117871), (186, 117889), (187, 117892), (188, 117895), (200, 117967), (202, 117976), (213, 118048), (216, 118063), (221, 118111), (237, 118183), (257, 118249),

Gene: Pat3_115 Start: 65155, Stop: 66117, Start Num: 32

Candidate Starts for Pat3_115:

(Start: 32 @65155 has 123 MA's), (Start: 43 @65212 has 2 MA's), (51, 65239), (63, 65311), (64, 65314), (74, 65368), (94, 65455), (99, 65473), (100, 65476), (119, 65566), (121, 65578), (138, 65641),

(141, 65653), (155, 65713), (158, 65734), (165, 65776), (172, 65800), (191, 65863), (202, 65920), (210, 65968), (214, 65983),

Gene: Patelgo_64 Start: 54074, Stop: 55096, Start Num: 31

Candidate Starts for Patelgo_64:

(Start: 31 @54074 has 27 MA's), (38, 54101), (59, 54191), (71, 54266), (77, 54284), (104, 54410), (120, 54479), (134, 54533), (140, 54572), (152, 54614), (170, 54716), (179, 54755), (192, 54812), (195, 54830), (202, 54863), (205, 54896), (209, 54917), (210, 54923), (232, 55046),

Gene: Patter_212 Start: 116186, Stop: 117274, Start Num: 24

Candidate Starts for Patter_212:

(10, 116054), (13, 116114), (Start: 17 @116156 has 8 MA's), (Start: 24 @116186 has 173 MA's), (42, 116252), (Start: 43 @116255 has 2 MA's), (45, 116258), (47, 116270), (53, 116288), (56, 116303), (74, 116408), (84, 116450), (87, 116471), (91, 116489), (106, 116567), (135, 116675), (152, 116753), (157, 116780), (161, 116801), (178, 116885), (186, 116903), (187, 116906), (188, 116909), (200, 116981), (213, 117062), (216, 117077), (221, 117125), (237, 117197), (257, 117263),

Gene: Peebs_82 Start: 62928, Stop: 63932, Start Num: 28

Candidate Starts for Peebs_82:

(21, 62901), (Start: 28 @62928 has 73 MA's), (Start: 43 @62988 has 2 MA's), (46, 63000), (47, 63006), (48, 63009), (59, 63048), (73, 63129), (104, 63267), (112, 63291), (118, 63318), (138, 63429), (143, 63447), (161, 63525), (162, 63552), (178, 63615), (209, 63783), (228, 63894), (233, 63909),

Gene: Pepperwood_83 Start: 63061, Stop: 64065, Start Num: 28

Candidate Starts for Pepperwood_83:

(21, 63034), (Start: 28 @63061 has 73 MA's), (40, 63106), (Start: 43 @63121 has 2 MA's), (46, 63133), (47, 63139), (48, 63142), (59, 63181), (73, 63262), (104, 63400), (112, 63424), (118, 63451), (138, 63562), (143, 63580), (161, 63658), (162, 63685), (178, 63748), (209, 63916), (228, 64027), (233, 64042),

Gene: Peregrin_103 Start: 64813, Stop: 65868, Start Num: 27

Candidate Starts for Peregrin_103:

(Start: 27 @64813 has 2 MA's), (36, 64837), (41, 64870), (Start: 43 @64876 has 2 MA's), (47, 64894), (Start: 50 @64903 has 1 MA's), (65, 64969), (71, 65011), (73, 65017), (140, 65317), (143, 65326), (153, 65362), (180, 65503), (197, 65590), (223, 65749), (235, 65803), (239, 65821),

Gene: Persimmon_81 Start: 61444, Stop: 62448, Start Num: 28

Candidate Starts for Persimmon_81:

(21, 61417), (Start: 28 @61444 has 73 MA's), (Start: 43 @61504 has 2 MA's), (46, 61516), (47, 61522), (48, 61525), (59, 61564), (104, 61783), (112, 61807), (118, 61834), (143, 61963), (155, 62011), (161, 62041), (169, 62092), (184, 62158), (209, 62299), (217, 62341), (228, 62410), (233, 62425),

Gene: Petra64142_119 Start: 66125, Stop: 67087, Start Num: 32

Candidate Starts for Petra64142_119:

(Start: 32 @66125 has 123 MA's), (Start: 43 @66182 has 2 MA's), (51, 66209), (63, 66281), (64, 66284), (74, 66338), (94, 66425), (99, 66443), (100, 66446), (119, 66536), (121, 66548), (138, 66611), (141, 66623), (155, 66683), (158, 66704), (165, 66746), (172, 66770), (191, 66833), (202, 66890), (210, 66938), (214, 66953),

Gene: Phabba_204 Start: 113163, Stop: 114293, Start Num: 30

Candidate Starts for Phabba_204:

(1, 112368), (2, 112665), (3, 112740), (6, 112878), (14, 113091), (23, 113151), (Start: 30 @113163 has 3 MA's), (42, 113220), (Start: 43 @113223 has 2 MA's), (49, 113244), (75, 113379), (86, 113433), (88, 113451), (90, 113460), (96, 113487), (98, 113502), (112, 113559), (116, 113583), (157, 113757), (161, 113778), (164, 113808), (194, 113919), (200, 113964), (208, 114021), (221, 114120), (224, 114141), (227, 114156), (254, 114255), (257, 114258),

Gene: Phaja_117 Start: 65723, Stop: 66685, Start Num: 32

Candidate Starts for Phaja_117:

(Start: 32 @65723 has 123 MA's), (Start: 43 @65780 has 2 MA's), (51, 65807), (64, 65882), (69, 65921), (74, 65936), (94, 66023), (99, 66041), (101, 66047), (118, 66125), (119, 66134), (121, 66146), (138, 66209), (141, 66221), (154, 66272), (155, 66281), (158, 66302), (170, 66362), (172, 66368), (191, 66431), (209, 66530), (223, 66617), (238, 66680),

Gene: Pharsalus_115 Start: 65797, Stop: 66759, Start Num: 32

Candidate Starts for Pharsalus_115:

(Start: 32 @65797 has 123 MA's), (Start: 43 @65854 has 2 MA's), (51, 65881), (63, 65953), (64, 65956), (74, 66010), (94, 66097), (99, 66115), (100, 66118), (119, 66208), (121, 66220), (138, 66283), (141, 66295), (155, 66355), (158, 66376), (165, 66418), (172, 66442), (191, 66505), (202, 66562), (210, 66610), (214, 66625),

Gene: PhatBacter_118 Start: 66025, Stop: 66987, Start Num: 32

Candidate Starts for PhatBacter_118:

(Start: 32 @66025 has 123 MA's), (Start: 43 @66082 has 2 MA's), (51, 66109), (63, 66181), (64, 66184), (74, 66238), (94, 66325), (99, 66343), (100, 66346), (119, 66436), (121, 66448), (138, 66511), (141, 66523), (155, 66583), (158, 66604), (165, 66646), (172, 66670), (191, 66733), (202, 66790), (210, 66838), (214, 66853),

Gene: Phaux_117 Start: 66585, Stop: 67547, Start Num: 32

Candidate Starts for Phaux_117:

(Start: 32 @66585 has 123 MA's), (Start: 43 @66642 has 2 MA's), (51, 66669), (63, 66741), (64, 66744), (74, 66798), (94, 66885), (99, 66903), (100, 66906), (119, 66996), (121, 67008), (138, 67071), (141, 67083), (155, 67143), (158, 67164), (165, 67206), (172, 67230), (191, 67293), (202, 67350), (210, 67398), (214, 67413),

Gene: Phlegm_215 Start: 116875, Stop: 117963, Start Num: 24

Candidate Starts for Phlegm_215:

(10, 116743), (13, 116803), (Start: 17 @116845 has 8 MA's), (Start: 24 @116875 has 173 MA's), (42, 116941), (Start: 43 @116944 has 2 MA's), (45, 116947), (47, 116959), (53, 116977), (56, 116992), (74, 117097), (84, 117139), (87, 117160), (91, 117178), (106, 117256), (135, 117364), (152, 117442), (157, 117469), (161, 117490), (178, 117574), (186, 117592), (187, 117595), (188, 117598), (200, 117670), (213, 117751), (216, 117766), (221, 117814), (237, 117886), (257, 117952),

Gene: Phox_212 Start: 117830, Stop: 118918, Start Num: 24

Candidate Starts for Phox_212:

(10, 117698), (13, 117758), (Start: 17 @117800 has 8 MA's), (Start: 24 @117830 has 173 MA's), (42, 117896), (Start: 43 @117899 has 2 MA's), (45, 117902), (47, 117914), (53, 117932), (56, 117947), (74, 118052), (84, 118094), (87, 118115), (91, 118133), (106, 118211), (135, 118319), (152, 118397), (157, 118424), (161, 118445), (178, 118529), (186, 118547), (187, 118550), (188, 118553), (200, 118625), (213, 118706), (216, 118721), (221, 118769), (237, 118841), (257, 118907),

Gene: Phrappuccino_121 Start: 89925, Stop: 91058, Start Num: 24

Candidate Starts for Phrappuccino_121:

(Start: 24 @89925 has 173 MA's), (38, 89958), (47, 90006), (48, 90009), (63, 90090), (64, 90093), (71, 90138), (74, 90147), (96, 90252), (98, 90261), (99, 90264), (101, 90270), (106, 90303), (109, 90318), (117, 90369), (124, 90399), (128, 90408), (135, 90435), (155, 90528), (158, 90549), (169, 90606), (182, 90654), (186, 90660), (198, 90723), (202, 90747), (206, 90783), (213, 90819), (224, 90903), (252, 91014), (257, 91026),

Gene: Phredrick_64 Start: 51939, Stop: 52961, Start Num: 31

Candidate Starts for Phredrick_64:

(Start: 31 @51939 has 27 MA's), (36, 51957), (38, 51966), (71, 52131), (76, 52146), (79, 52158), (98, 52242), (104, 52275), (116, 52320), (120, 52344), (134, 52398), (140, 52437), (153, 52482), (170, 52581), (179, 52620), (195, 52695), (202, 52728), (204, 52755), (210, 52788),

Gene: Phrux_111 Start: 64663, Stop: 65625, Start Num: 32

Candidate Starts for Phrux_111:

(Start: 32 @64663 has 123 MA's), (Start: 43 @64720 has 2 MA's), (51, 64747), (63, 64819), (64, 64822), (74, 64876), (94, 64963), (99, 64981), (100, 64984), (119, 65074), (121, 65086), (138, 65149), (141, 65161), (155, 65221), (158, 65242), (165, 65284), (172, 65308), (191, 65371), (202, 65428), (210, 65476), (214, 65491),

Gene: Phusco_209 Start: 115707, Stop: 116795, Start Num: 24

Candidate Starts for Phusco_209:

(4, 115392), (10, 115575), (13, 115635), (Start: 17 @115677 has 8 MA's), (Start: 24 @115707 has 173 MA's), (42, 115773), (Start: 43 @115776 has 2 MA's), (45, 115779), (47, 115791), (53, 115809), (56, 115824), (74, 115929), (84, 115971), (87, 115992), (91, 116010), (106, 116088), (135, 116196), (152, 116274), (157, 116301), (161, 116322), (178, 116406), (186, 116424), (187, 116427), (188, 116430), (200, 116502), (213, 116583), (216, 116598), (221, 116646), (237, 116718), (257, 116784),

Gene: Pier_212 Start: 118707, Stop: 119795, Start Num: 24

Candidate Starts for Pier_212:

(10, 118575), (13, 118635), (Start: 17 @118677 has 8 MA's), (Start: 24 @118707 has 173 MA's), (42, 118773), (Start: 43 @118776 has 2 MA's), (45, 118779), (47, 118791), (53, 118809), (56, 118824), (74, 118929), (84, 118971), (87, 118992), (91, 119010), (106, 119088), (135, 119196), (152, 119274), (157, 119301), (161, 119322), (178, 119406), (186, 119424), (187, 119427), (188, 119430), (200, 119502), (213, 119583), (216, 119598), (221, 119646), (237, 119718), (257, 119784),

Gene: Pinkcreek_195 Start: 116083, Stop: 117171, Start Num: 24

Candidate Starts for Pinkcreek_195:

(10, 115951), (13, 116011), (Start: 17 @116053 has 8 MA's), (Start: 24 @116083 has 173 MA's), (42, 116149), (Start: 43 @116152 has 2 MA's), (45, 116155), (47, 116167), (53, 116185), (56, 116200), (74, 116305), (84, 116347), (87, 116368), (91, 116386), (106, 116464), (135, 116572), (152, 116650), (157, 116677), (161, 116698), (178, 116782), (186, 116800), (187, 116803), (188, 116806), (200, 116878), (213, 116959), (216, 116974), (221, 117022), (237, 117094), (257, 117160),

Gene: PinkiePie_81 Start: 62597, Stop: 63601, Start Num: 28

Candidate Starts for PinkiePie_81:

(21, 62570), (Start: 28 @62597 has 73 MA's), (Start: 43 @62657 has 2 MA's), (46, 62669), (47, 62675), (48, 62678), (59, 62717), (104, 62936), (112, 62960), (118, 62987), (143, 63116), (155, 63164), (161, 63194), (169, 63245), (184, 63311), (209, 63452), (217, 63494), (228, 63563), (233, 63578),

Gene: Pio_219 Start: 119899, Stop: 120987, Start Num: 24

Candidate Starts for Pio_219:

(4, 119584), (10, 119767), (13, 119827), (Start: 17 @119869 has 8 MA's), (Start: 24 @119899 has 173 MA's), (42, 119965), (Start: 43 @119968 has 2 MA's), (45, 119971), (47, 119983), (53, 120001), (56, 120016), (74, 120121), (84, 120163), (87, 120184), (91, 120202), (106, 120280), (135, 120388), (152, 120466), (157, 120493), (161, 120514), (178, 120598), (186, 120616), (187, 120619), (188, 120622), (200, 120694), (213, 120775), (216, 120790), (221, 120838), (237, 120910), (257, 120976),

Gene: Pivoine_212 Start: 116875, Stop: 117963, Start Num: 24

Candidate Starts for Pivoine_212:

(10, 116743), (13, 116803), (Start: 17 @116845 has 8 MA's), (Start: 24 @116875 has 173 MA's), (42, 116941), (Start: 43 @116944 has 2 MA's), (45, 116947), (47, 116959), (53, 116977), (56, 116992), (74, 117097), (84, 117139), (87, 117160), (91, 117178), (106, 117256), (135, 117364), (152, 117442), (157, 117469), (161, 117490), (178, 117574), (186, 117592), (187, 117595), (188, 117598), (200, 117670), (213, 117751), (216, 117766), (221, 117814), (237, 117886), (257, 117952),

Gene: Pleione_215 Start: 117650, Stop: 118738, Start Num: 24

Candidate Starts for Pleione_215:

(10, 117518), (13, 117578), (Start: 17 @117620 has 8 MA's), (Start: 24 @117650 has 173 MA's), (42, 117716), (Start: 43 @117719 has 2 MA's), (45, 117722), (47, 117734), (53, 117752), (56, 117767), (74, 117872), (84, 117914), (87, 117935), (91, 117953), (106, 118031), (122, 118100), (135, 118139), (152, 118217), (157, 118244), (161, 118265), (178, 118349), (186, 118367), (187, 118370), (188, 118373), (200, 118445), (202, 118454), (213, 118526), (216, 118541), (221, 118589), (237, 118661), (257, 118727),

Gene: Policronamos_119 Start: 66289, Stop: 67251, Start Num: 32

Candidate Starts for Policronamos_119:

(Start: 32 @66289 has 123 MA's), (Start: 43 @66346 has 2 MA's), (51, 66373), (63, 66445), (64, 66448), (74, 66502), (94, 66589), (99, 66607), (100, 66610), (119, 66700), (121, 66712), (138, 66775), (141, 66787), (155, 66847), (158, 66868), (165, 66910), (172, 66934), (191, 66997), (202, 67054), (210, 67102), (214, 67117),

Gene: Porky_114 Start: 64987, Stop: 65949, Start Num: 32

Candidate Starts for Porky_114:

(Start: 32 @64987 has 123 MA's), (Start: 43 @65044 has 2 MA's), (51, 65071), (63, 65143), (64, 65146), (74, 65200), (94, 65287), (99, 65305), (100, 65308), (119, 65398), (121, 65410), (138, 65473), (141, 65485), (155, 65545), (158, 65566), (165, 65608), (172, 65632), (191, 65695), (202, 65752), (210, 65800), (214, 65815),

Gene: Pumpkin_116 Start: 65003, Stop: 65965, Start Num: 32

Candidate Starts for Pumpkin_116:

(Start: 32 @65003 has 123 MA's), (Start: 43 @65060 has 2 MA's), (51, 65087), (63, 65159), (64, 65162), (74, 65216), (94, 65303), (99, 65321), (100, 65324), (119, 65414), (121, 65426), (138, 65489), (141, 65501), (155, 65561), (158, 65582), (165, 65624), (172, 65648), (191, 65711), (202, 65768), (210, 65816), (214, 65831),

Gene: PumpkinSpice_84 Start: 62488, Stop: 63492, Start Num: 28

Candidate Starts for PumpkinSpice_84:

(21, 62461), (Start: 28 @62488 has 73 MA's), (39, 62530), (Start: 43 @62548 has 2 MA's), (59, 62608), (104, 62827), (112, 62851), (143, 63007), (153, 63043), (161, 63085), (183, 63199), (234, 63478),

Gene: Pupper_154 Start: 109689, Stop: 110762, Start Num: 24

Candidate Starts for Pupper_154:

(Start: 24 @109689 has 173 MA's), (36, 109713), (42, 109749), (Start: 43 @109752 has 2 MA's), (45, 109755), (49, 109773), (57, 109806), (74, 109905), (88, 109974), (97, 110010), (102, 110043), (116, 110100), (127, 110142), (154, 110253), (157, 110274), (186, 110397), (189, 110412), (190, 110415), (193, 110427), (224, 110640),

Gene: PurduePete_211 Start: 117878, Stop: 118966, Start Num: 24

Candidate Starts for PurduePete_211:

(10, 117746), (13, 117806), (Start: 17 @117848 has 8 MA's), (Start: 24 @117878 has 173 MA's), (42, 117944), (Start: 43 @117947 has 2 MA's), (45, 117950), (47, 117962), (53, 117980), (56, 117995), (74, 118100), (84, 118142), (87, 118163), (91, 118181), (106, 118259), (122, 118328), (135, 118367), (152, 118445), (157, 118472), (161, 118493), (178, 118577), (186, 118595), (187, 118598), (188, 118601), (200, 118673), (202, 118682), (213, 118754), (216, 118769), (221, 118817), (237, 118889), (257, 118955),

Gene: QBert_203 Start: 116231, Stop: 117319, Start Num: 24

Candidate Starts for QBert_203:

(10, 116099), (13, 116159), (Start: 17 @116201 has 8 MA's), (Start: 24 @116231 has 173 MA's), (42, 116297), (Start: 43 @116300 has 2 MA's), (45, 116303), (47, 116315), (53, 116333), (56, 116348), (74, 116453), (84, 116495), (87, 116516), (91, 116534), (106, 116612), (135, 116720), (152, 116798), (157, 116825), (161, 116846), (178, 116930), (186, 116948), (187, 116951), (188, 116954), (200, 117026), (213, 117107), (216, 117122), (221, 117170), (237, 117242), (257, 117308),

Gene: Quallification_116 Start: 66071, Stop: 67033, Start Num: 32

Candidate Starts for Quallification_116:

(Start: 32 @66071 has 123 MA's), (Start: 43 @66128 has 2 MA's), (51, 66155), (63, 66227), (64, 66230), (74, 66284), (94, 66371), (99, 66389), (100, 66392), (119, 66482), (121, 66494), (138, 66557), (141, 66569), (155, 66629), (158, 66650), (165, 66692), (172, 66716), (191, 66779), (202, 66836), (210, 66884), (214, 66899),

Gene: Quaran19_84 Start: 62479, Stop: 63483, Start Num: 28

Candidate Starts for Quaran19_84:

(21, 62452), (Start: 28 @62479 has 73 MA's), (39, 62521), (Start: 43 @62539 has 2 MA's), (59, 62599), (104, 62818), (112, 62842), (143, 62998), (153, 63034), (161, 63076), (183, 63190), (234, 63469),

Gene: Quasimodo_213 Start: 117501, Stop: 118589, Start Num: 24

Candidate Starts for Quasimodo_213:

(10, 117369), (13, 117429), (Start: 17 @117471 has 8 MA's), (Start: 24 @117501 has 173 MA's), (42, 117567), (Start: 43 @117570 has 2 MA's), (45, 117573), (47, 117585), (53, 117603), (56, 117618), (74, 117723), (84, 117765), (87, 117786), (91, 117804), (106, 117882), (135, 117990), (152, 118068), (157, 118095), (161, 118116), (178, 118200), (186, 118218), (187, 118221), (188, 118224), (200, 118296), (213, 118377), (216, 118392), (221, 118440), (237, 118512), (257, 118578),

Gene: Rabinovish_204 Start: 117776, Stop: 118864, Start Num: 24

Candidate Starts for Rabinovish_204:

(10, 117644), (13, 117704), (Start: 17 @117746 has 8 MA's), (Start: 24 @117776 has 173 MA's), (42, 117842), (Start: 43 @117845 has 2 MA's), (45, 117848), (47, 117860), (53, 117878), (56, 117893), (74, 117998), (84, 118040), (87, 118061), (91, 118079), (106, 118157), (122, 118226), (135, 118265), (152, 118343), (157, 118370), (161, 118391), (178, 118475), (186, 118493), (187, 118496), (188, 118499), (200, 118571), (202, 118580), (213, 118652), (216, 118667), (221, 118715), (237, 118787), (257, 118853),

Gene: Rahel_212 Start: 116610, Stop: 117698, Start Num: 24

Candidate Starts for Rahel_212:

(4, 116295), (10, 116478), (13, 116538), (Start: 17 @116580 has 8 MA's), (Start: 24 @116610 has 173 MA's), (42, 116676), (Start: 43 @116679 has 2 MA's), (45, 116682), (47, 116694), (53, 116712), (56, 116727), (74, 116832), (84, 116874), (87, 116895), (91, 116913), (106, 116991), (135, 117099), (152, 117177), (157, 117204), (161, 117225), (178, 117309), (186, 117327), (187, 117330), (188, 117333), (200, 117405), (213, 117486), (216, 117501), (221, 117549), (237, 117621), (257, 117687),

Gene: Rakim_117 Start: 65491, Stop: 66453, Start Num: 32

Candidate Starts for Rakim_117:

(Start: 32 @65491 has 123 MA's), (Start: 43 @65548 has 2 MA's), (51, 65575), (63, 65647), (64, 65650), (74, 65704), (94, 65791), (99, 65809), (100, 65812), (119, 65902), (121, 65914), (138, 65977), (141, 65989), (155, 66049), (158, 66070), (165, 66112), (172, 66136), (191, 66199), (202, 66256), (210, 66304), (214, 66319),

Gene: RedWattleHog_80 Start: 74599, Stop: 75780, Start Num: 26

Candidate Starts for RedWattleHog_80:

(5, 74296), (7, 74401), (9, 74467), (Start: 26 @74599 has 2 MA's), (Start: 30 @74611 has 3 MA's), (Start: 43 @74668 has 2 MA's), (52, 74698), (53, 74701), (64, 74767), (90, 74899), (92, 74905), (96, 74926), (99, 74938), (100, 74941), (115, 75013), (118, 75022), (127, 75058), (135, 75097), (161, 75223), (166, 75265), (176, 75307), (188, 75334), (208, 75469), (214, 75496), (219, 75547), (220, 75550), (222, 75565), (226, 75589), (228, 75595), (234, 75619), (235, 75622), (258, 75694), (260, 75724),

Gene: Rimmer_113 Start: 65462, Stop: 66424, Start Num: 32

Candidate Starts for Rimmer_113:

(Start: 32 @65462 has 123 MA's), (Start: 43 @65519 has 2 MA's), (51, 65546), (63, 65618), (64, 65621), (74, 65675), (94, 65762), (99, 65780), (100, 65783), (119, 65873), (121, 65885), (138, 65948), (141, 65960), (155, 66020), (158, 66041), (165, 66083), (172, 66107), (191, 66170), (202, 66227), (210, 66275), (214, 66290),

Gene: RiverMonster_114 Start: 65558, Stop: 66520, Start Num: 32

Candidate Starts for RiverMonster_114:

(Start: 32 @65558 has 123 MA's), (Start: 43 @65615 has 2 MA's), (51, 65642), (63, 65714), (64, 65717), (74, 65771), (94, 65858), (99, 65876), (100, 65879), (119, 65969), (121, 65981), (138, 66044), (141, 66056), (155, 66116), (158, 66137), (165, 66179), (172, 66203), (191, 66266), (202, 66323), (210, 66371), (214, 66386),

Gene: Rizal_203 Start: 115128, Stop: 116216, Start Num: 24

Candidate Starts for Rizal_203:

(10, 114996), (13, 115056), (Start: 17 @115098 has 8 MA's), (Start: 24 @115128 has 173 MA's), (42, 115194), (Start: 43 @115197 has 2 MA's), (45, 115200), (47, 115212), (53, 115230), (56, 115245), (74, 115350), (84, 115392), (87, 115413), (91, 115431), (106, 115509), (135, 115617), (152, 115695), (157, 115722), (161, 115743), (178, 115827), (186, 115845), (187, 115848), (188, 115851), (200, 115923), (213, 116004), (216, 116019), (221, 116067), (237, 116139), (257, 116205),

Gene: RoMag_206 Start: 116921, Stop: 118009, Start Num: 24

Candidate Starts for RoMag_206:

(10, 116789), (13, 116849), (Start: 17 @116891 has 8 MA's), (Start: 24 @116921 has 173 MA's), (42, 116987), (Start: 43 @116990 has 2 MA's), (45, 116993), (47, 117005), (53, 117023), (56, 117038), (74, 117143), (84, 117185), (87, 117206), (91, 117224), (106, 117302), (122, 117371), (135, 117410), (152, 117488), (157, 117515), (161, 117536), (178, 117620), (186, 117638), (187, 117641), (188, 117644), (200, 117716), (202, 117725), (213, 117797), (216, 117812), (221, 117860), (237, 117932), (257, 117998),

Gene: Ronan_207 Start: 115313, Stop: 116401, Start Num: 24

Candidate Starts for Ronan_207:

(10, 115181), (13, 115241), (Start: 17 @115283 has 8 MA's), (Start: 24 @115313 has 173 MA's), (42, 115379), (Start: 43 @115382 has 2 MA's), (45, 115385), (47, 115397), (53, 115415), (56, 115430), (74, 115535), (84, 115577), (87, 115598), (91, 115616), (106, 115694), (135, 115802), (152, 115880), (157, 115907), (161, 115928), (178, 116012), (186, 116030), (187, 116033), (188, 116036), (200, 116108), (213, 116189), (216, 116204), (221, 116252), (237, 116324), (257, 116390),

Gene: Roots515_213 Start: 118429, Stop: 119517, Start Num: 24

Candidate Starts for Roots515_213:

(10, 118297), (13, 118357), (Start: 17 @118399 has 8 MA's), (Start: 24 @118429 has 173 MA's), (42, 118495), (Start: 43 @118498 has 2 MA's), (45, 118501), (47, 118513), (53, 118531), (56, 118546), (74, 118651), (84, 118693), (87, 118714), (91, 118732), (106, 118810), (122, 118879), (135, 118918), (152, 118996), (157, 119023), (161, 119044), (178, 119128), (186, 119146), (187, 119149), (188, 119152), (200, 119224), (202, 119233), (213, 119305), (216, 119320), (221, 119368), (237, 119440), (257, 119506),

Gene: SCentae_153 Start: 109843, Stop: 110916, Start Num: 24

Candidate Starts for SCentae_153:

(Start: 24 @109843 has 173 MA's), (36, 109867), (42, 109903), (Start: 43 @109906 has 2 MA's), (45, 109909), (49, 109927), (57, 109960), (74, 110059), (88, 110128), (97, 110164), (102, 110197), (116, 110254), (127, 110296), (154, 110407), (157, 110428), (186, 110551), (189, 110566), (190, 110569), (193, 110581), (224, 110794),

Gene: Saints25_111 Start: 63488, Stop: 64450, Start Num: 32

Candidate Starts for Saints25_111:

(Start: 32 @63488 has 123 MA's), (Start: 43 @63545 has 2 MA's), (51, 63572), (63, 63644), (64, 63647), (74, 63701), (94, 63788), (99, 63806), (100, 63809), (119, 63899), (121, 63911), (138, 63974), (141, 63986), (155, 64046), (158, 64067), (165, 64109), (172, 64133), (191, 64196), (202, 64253), (210, 64301), (214, 64316),

Gene: Salacia_211 Start: 117013, Stop: 118101, Start Num: 24

Candidate Starts for Salacia_211:

(4, 116698), (10, 116881), (13, 116941), (Start: 17 @116983 has 8 MA's), (Start: 24 @117013 has 173 MA's), (42, 117079), (Start: 43 @117082 has 2 MA's), (45, 117085), (47, 117097), (53, 117115), (56, 117130), (74, 117235), (84, 117277), (87, 117298), (91, 117316), (106, 117394), (135, 117502), (152, 117580), (157, 117607), (161, 117628), (178, 117712), (186, 117730), (187, 117733), (188, 117736), (200, 117808), (213, 117889), (216, 117904), (221, 117952), (237, 118024), (257, 118090),

Gene: SaltySpittoon_84 Start: 62488, Stop: 63492, Start Num: 28

Candidate Starts for SaltySpittoon_84:

(21, 62461), (Start: 28 @62488 has 73 MA's), (39, 62530), (Start: 43 @62548 has 2 MA's), (59, 62608), (104, 62827), (112, 62851), (143, 63007), (153, 63043), (161, 63085), (183, 63199), (234, 63478),

Gene: Samisti12_83 Start: 64370, Stop: 65374, Start Num: 28

Candidate Starts for Samisti12_83:

(21, 64343), (Start: 28 @64370 has 73 MA's), (40, 64415), (Start: 43 @64430 has 2 MA's), (46, 64442), (47, 64448), (48, 64451), (59, 64490), (73, 64571), (104, 64709), (112, 64733), (118, 64760), (138, 64871), (143, 64889), (161, 64967), (162, 64994), (178, 65057), (209, 65225), (228, 65336), (233, 65351),

Gene: Sassay_110 Start: 63908, Stop: 64870, Start Num: 32

Candidate Starts for Sassay_110:

(Start: 32 @63908 has 123 MA's), (Start: 43 @63965 has 2 MA's), (51, 63992), (63, 64064), (64, 64067), (74, 64121), (94, 64208), (99, 64226), (100, 64229), (119, 64319), (121, 64331), (138, 64394), (141, 64406), (155, 64466), (158, 64487), (165, 64529), (172, 64553), (191, 64616), (202, 64673), (210, 64721), (214, 64736),

Gene: Sauce_207 Start: 115827, Stop: 116915, Start Num: 24

Candidate Starts for Sauce_207:

(10, 115695), (13, 115755), (Start: 17 @115797 has 8 MA's), (Start: 24 @115827 has 173 MA's), (42, 115893), (Start: 43 @115896 has 2 MA's), (45, 115899), (47, 115911), (53, 115929), (56, 115944), (74, 116049), (84, 116091), (87, 116112), (91, 116130), (106, 116208), (135, 116316), (152, 116394), (157, 116421), (161, 116442), (178, 116526), (186, 116544), (187, 116547), (188, 116550), (200, 116622), (213, 116703), (216, 116718), (221, 116766), (237, 116838), (257, 116904),

Gene: ScarletRaider_104 Start: 77561, Stop: 78667, Start Num: 28

Candidate Starts for ScarletRaider_104:

(16, 77516), (20, 77528), (22, 77537), (Start: 25 @77549 has 1 MA's), (Start: 28 @77561 has 73 MA's), (42, 77621), (57, 77681), (72, 77771), (84, 77813), (94, 77864), (95, 77870), (99, 77882), (103, 77909), (105, 77915), (117, 77960), (120, 77981), (138, 78053), (146, 78077), (151, 78101), (155, 78119), (156, 78125), (175, 78227), (185, 78272), (195, 78323), (210, 78410), (234, 78539),

Gene: Scheme_85 Start: 63775, Stop: 64779, Start Num: 28

Candidate Starts for Scheme_85:

(21, 63748), (Start: 28 @63775 has 73 MA's), (40, 63820), (Start: 43 @63835 has 2 MA's), (46, 63847), (47, 63853), (48, 63856), (59, 63895), (73, 63976), (104, 64114), (112, 64138), (118, 64165), (138, 64276), (143, 64294), (161, 64372), (162, 64399), (178, 64462), (209, 64630), (228, 64741), (233, 64756),

Gene: Schomber_102 Start: 74152, Stop: 75255, Start Num: 28

Candidate Starts for Schomber_102:

(16, 74107), (20, 74119), (22, 74128), (Start: 28 @74152 has 73 MA's), (42, 74212), (Start: 43 @74215 has 2 MA's), (44, 74218), (55, 74263), (56, 74266), (57, 74272), (67, 74341), (72, 74362), (94, 74455), (95, 74461), (99, 74473), (103, 74500), (105, 74506), (115, 74545), (117, 74551), (120, 74572), (138, 74644), (146, 74668), (151, 74692), (155, 74710), (156, 74716), (173, 74809), (185, 74863), (201, 74938), (220, 75061), (240, 75157), (259, 75250),

Gene: ScoobyDoobyDoo_191 Start: 110309, Stop: 111418, Start Num: 30

Candidate Starts for ScoobyDoobyDoo_191:

(8, 110150), (23, 110297), (Start: 30 @110309 has 3 MA's), (42, 110366), (Start: 43 @110369 has 2 MA's), (49, 110390), (74, 110522), (75, 110525), (85, 110573), (86, 110579), (88, 110597), (90, 110606), (96, 110633), (112, 110705), (116, 110729), (123, 110762), (126, 110768), (152, 110876), (157, 110903), (161, 110924), (164, 110954), (177, 111005), (193, 111062), (194, 111065), (200, 111110), (208, 111167), (224, 111272), (245, 111347), (254, 111386), (257, 111389),

Gene: ScottMcG_205 Start: 115906, Stop: 116994, Start Num: 24

Candidate Starts for ScottMcG_205:

(10, 115774), (13, 115834), (Start: 17 @115876 has 8 MA's), (Start: 24 @115906 has 173 MA's), (42, 115972), (Start: 43 @115975 has 2 MA's), (45, 115978), (47, 115990), (53, 116008), (56, 116023), (74, 116128), (84, 116170), (87, 116191), (91, 116209), (106, 116287), (122, 116356), (135, 116395), (152, 116473), (157, 116500), (161, 116521), (178, 116605), (186, 116623), (187, 116626), (188, 116629), (200, 116701), (202, 116710), (213, 116782), (216, 116797), (221, 116845), (237, 116917), (257, 116983),

Gene: Sebata_212 Start: 118336, Stop: 119424, Start Num: 24

Candidate Starts for Sebata_212:

(10, 118204), (13, 118264), (Start: 17 @118306 has 8 MA's), (Start: 24 @118336 has 173 MA's), (42, 118402), (Start: 43 @118405 has 2 MA's), (45, 118408), (47, 118420), (53, 118438), (56, 118453), (74, 118558), (84, 118600), (87, 118621), (91, 118639), (106, 118717), (122, 118786), (135, 118825), (152, 118903), (157, 118930), (161, 118951), (178, 119035), (186, 119053), (187, 119056), (188, 119059), (200, 119131), (202, 119140), (213, 119212), (216, 119227), (221, 119275), (237, 119347), (257, 119413),

Gene: SeresaTree_65 Start: 53241, Stop: 54263, Start Num: 31

Candidate Starts for SeresaTree_65:

(Start: 31 @53241 has 27 MA's), (36, 53259), (38, 53268), (70, 53430), (71, 53433), (77, 53451), (108, 53592), (134, 53700), (139, 53736), (140, 53739), (153, 53784), (160, 53823), (162, 53853), (170, 53883), (190, 53970), (195, 53997), (234, 54219),

Gene: Settecandela_121 Start: 89925, Stop: 91058, Start Num: 24

Candidate Starts for Settecandela_121:

(Start: 24 @89925 has 173 MA's), (38, 89958), (47, 90006), (48, 90009), (63, 90090), (64, 90093), (71, 90138), (74, 90147), (96, 90252), (98, 90261), (99, 90264), (101, 90270), (106, 90303), (109, 90318), (117, 90369), (124, 90399), (128, 90408), (135, 90435), (155, 90528), (158, 90549), (169, 90606), (182, 90654), (186, 90660), (198, 90723), (202, 90747), (206, 90783), (213, 90819), (224, 90903), (252, 91014), (257, 91026),

Gene: Sham_61 Start: 53788, Stop: 54810, Start Num: 31

Candidate Starts for Sham_61:

(Start: 31 @53788 has 27 MA's), (36, 53806), (41, 53839), (70, 53977), (71, 53980), (98, 54091), (108, 54139), (134, 54247), (139, 54283), (140, 54286), (141, 54289), (151, 54325), (152, 54328), (162, 54400), (170, 54430), (195, 54544), (202, 54577), (207, 54622), (224, 54724), (234, 54766),

Gene: ShamWow_116 Start: 66374, Stop: 67336, Start Num: 32

Candidate Starts for ShamWow_116:

(Start: 32 @66374 has 123 MA's), (Start: 43 @66431 has 2 MA's), (51, 66458), (63, 66530), (64, 66533), (74, 66587), (94, 66674), (99, 66692), (100, 66695), (119, 66785), (121, 66797), (138, 66860), (141, 66872), (155, 66932), (158, 66953), (165, 66995), (172, 67019), (191, 67082), (202, 67139), (210, 67187), (214, 67202),

Gene: Shaqnato_202 Start: 116044, Stop: 117132, Start Num: 24

Candidate Starts for Shaqnato_202:

(10, 115912), (13, 115972), (Start: 17 @116014 has 8 MA's), (Start: 24 @116044 has 173 MA's), (42, 116110), (Start: 43 @116113 has 2 MA's), (45, 116116), (47, 116128), (53, 116146), (56, 116161), (74, 116266), (84, 116308), (87, 116329), (91, 116347), (106, 116425), (135, 116533), (152, 116611), (157, 116638), (161, 116659), (178, 116743), (186, 116761), (187, 116764), (188, 116767), (200, 116839), (213, 116920), (216, 116935), (221, 116983), (237, 117055), (257, 117121),

Gene: Shelob_212 Start: 118784, Stop: 119872, Start Num: 24

Candidate Starts for Shelob_212:

(10, 118652), (13, 118712), (Start: 17 @118754 has 8 MA's), (Start: 24 @118784 has 173 MA's), (42, 118850), (Start: 43 @118853 has 2 MA's), (45, 118856), (47, 118868), (53, 118886), (56, 118901), (74, 119006), (84, 119048), (87, 119069), (91, 119087), (106, 119165), (122, 119234), (135, 119273), (152, 119351), (157, 119378), (161, 119399), (178, 119483), (186, 119501), (187, 119504), (188, 119507), (200, 119579), (202, 119588), (213, 119660), (216, 119675), (221, 119723), (237, 119795), (257, 119861),

Gene: ShereKhan_113 Start: 66317, Stop: 67279, Start Num: 32

Candidate Starts for ShereKhan_113:

(Start: 32 @66317 has 123 MA's), (Start: 43 @66374 has 2 MA's), (51, 66401), (63, 66473), (64, 66476), (74, 66530), (94, 66617), (99, 66635), (100, 66638), (119, 66728), (121, 66740), (138, 66803), (141, 66815), (155, 66875), (158, 66896), (165, 66938), (172, 66962), (191, 67025), (202, 67082), (210, 67130), (214, 67145),

Gene: ShiaLabeouf_208 Start: 115818, Stop: 116906, Start Num: 24

Candidate Starts for ShiaLabeouf_208:

(4, 115503), (10, 115686), (13, 115746), (Start: 17 @115788 has 8 MA's), (Start: 24 @115818 has 173 MA's), (42, 115884), (Start: 43 @115887 has 2 MA's), (45, 115890), (47, 115902), (53, 115920), (56, 115935), (74, 116040), (84, 116082), (87, 116103), (91, 116121), (106, 116199), (135, 116307), (152, 116385), (157, 116412), (161, 116433), (178, 116517), (186, 116535), (187, 116538), (188, 116541), (200, 116613), (213, 116694), (216, 116709), (221, 116757), (237, 116829), (257, 116895),

Gene: Shifa_188 Start: 116395, Stop: 117483, Start Num: 24

Candidate Starts for Shifa_188:

(10, 116263), (13, 116323), (Start: 17 @116365 has 8 MA's), (Start: 24 @116395 has 173 MA's), (42, 116461), (Start: 43 @116464 has 2 MA's), (45, 116467), (47, 116479), (53, 116497), (56, 116512), (74, 116617), (84, 116659), (87, 116680), (91, 116698), (106, 116776), (122, 116845), (135, 116884), (152, 116962), (157, 116989), (161, 117010), (178, 117094), (186, 117112), (187, 117115), (188, 117118), (200, 117190), (202, 117199), (213, 117271), (216, 117286), (221, 117334), (237, 117406), (257, 117472),

Gene: Shnickers_209 Start: 115882, Stop: 116970, Start Num: 24

Candidate Starts for Shnickers_209:

(4, 115567), (10, 115750), (13, 115810), (Start: 17 @115852 has 8 MA's), (Start: 24 @115882 has 173 MA's), (42, 115948), (Start: 43 @115951 has 2 MA's), (45, 115954), (47, 115966), (53, 115984), (56, 115999), (74, 116104), (84, 116146), (87, 116167), (91, 116185), (106, 116263), (135, 116371), (152, 116449), (157, 116476), (161, 116497), (178, 116581), (186, 116599), (187, 116602), (188, 116605), (200, 116677), (213, 116758), (216, 116773), (221, 116821), (237, 116893), (257, 116959),

Gene: Shrimp_213 Start: 117939, Stop: 119027, Start Num: 24

Candidate Starts for Shrimp_213:

(10, 117807), (13, 117867), (Start: 17 @117909 has 8 MA's), (Start: 24 @117939 has 173 MA's), (42, 118005), (Start: 43 @118008 has 2 MA's), (45, 118011), (47, 118023), (53, 118041), (56, 118056), (74, 118161), (84, 118203), (87, 118224), (91, 118242), (106, 118320), (135, 118428), (152, 118506), (157, 118533), (161, 118554), (178, 118638), (186, 118656), (187, 118659), (188, 118662), (200, 118734), (213, 118815), (216, 118830), (221, 118878), (237, 118950), (257, 119016),

Gene: SilverDipper_215 Start: 117431, Stop: 118519, Start Num: 24

Candidate Starts for SilverDipper_215:

(10, 117299), (13, 117359), (Start: 17 @117401 has 8 MA's), (Start: 24 @117431 has 173 MA's), (42, 117497), (Start: 43 @117500 has 2 MA's), (45, 117503), (47, 117515), (53, 117533), (56, 117548), (74, 117653), (84, 117695), (87, 117716), (91, 117734), (106, 117812), (135, 117920), (152, 117998), (157, 118025), (161, 118046), (178, 118130), (186, 118148), (187, 118151), (188, 118154), (200, 118226), (213, 118307), (216, 118322), (221, 118370), (237, 118442), (257, 118508),

Gene: Simpliphy_113 Start: 65129, Stop: 66091, Start Num: 32

Candidate Starts for Simpliphy_113:

(Start: 32 @65129 has 123 MA's), (Start: 43 @65186 has 2 MA's), (51, 65213), (63, 65285), (64, 65288), (74, 65342), (94, 65429), (99, 65447), (100, 65450), (119, 65540), (121, 65552), (138, 65615),

(141, 65627), (155, 65687), (158, 65708), (165, 65750), (172, 65774), (191, 65837), (202, 65894), (210, 65942), (214, 65957),

Gene: SirDuracell_119 Start: 65654, Stop: 66616, Start Num: 32

Candidate Starts for SirDuracell_119:

(Start: 32 @65654 has 123 MA's), (Start: 43 @65711 has 2 MA's), (51, 65738), (64, 65813), (69, 65852), (74, 65867), (94, 65954), (99, 65972), (101, 65978), (118, 66056), (119, 66065), (121, 66077), (138, 66140), (141, 66152), (152, 66197), (154, 66203), (155, 66212), (158, 66233), (170, 66293), (172, 66299), (191, 66362), (209, 66461), (223, 66548), (238, 66611),

Gene: Skog_213 Start: 139092, Stop: 140168, Start Num: 24

Candidate Starts for Skog_213:

(Start: 24 @139092 has 173 MA's), (36, 139128), (Start: 43 @139167 has 2 MA's), (45, 139170), (49, 139188), (74, 139320), (88, 139389), (97, 139425), (102, 139458), (106, 139476), (111, 139488), (116, 139515), (135, 139584), (147, 139638), (157, 139689), (167, 139749), (186, 139812), (189, 139827), (190, 139830), (194, 139845), (207, 139944), (213, 139971), (222, 140043), (224, 140055), (245, 140127),

Gene: SmallFry_211 Start: 115976, Stop: 117064, Start Num: 24

Candidate Starts for SmallFry_211:

(4, 115661), (10, 115844), (13, 115904), (Start: 17 @115946 has 8 MA's), (Start: 24 @115976 has 173 MA's), (42, 116042), (Start: 43 @116045 has 2 MA's), (45, 116048), (47, 116060), (53, 116078), (56, 116093), (74, 116198), (84, 116240), (87, 116261), (91, 116279), (106, 116357), (135, 116465), (152, 116543), (157, 116570), (161, 116591), (178, 116675), (186, 116693), (187, 116696), (188, 116699), (200, 116771), (213, 116852), (216, 116867), (221, 116915), (237, 116987), (257, 117053),

Gene: Sollertia_85 Start: 62438, Stop: 63442, Start Num: 28

Candidate Starts for Sollertia_85:

(21, 62411), (Start: 28 @62438 has 73 MA's), (39, 62480), (Start: 43 @62498 has 2 MA's), (59, 62558), (104, 62777), (112, 62801), (143, 62957), (155, 63005), (161, 63035), (168, 63083), (183, 63149), (234, 63428),

Gene: SophKB_114 Start: 65539, Stop: 66501, Start Num: 32

Candidate Starts for SophKB_114:

(Start: 32 @65539 has 123 MA's), (Start: 43 @65596 has 2 MA's), (51, 65623), (63, 65695), (64, 65698), (74, 65752), (94, 65839), (99, 65857), (100, 65860), (119, 65950), (121, 65962), (138, 66025), (141, 66037), (155, 66097), (158, 66118), (165, 66160), (172, 66184), (191, 66247), (202, 66304), (210, 66352), (214, 66367),

Gene: Sotrice96_120 Start: 66441, Stop: 67403, Start Num: 32

Candidate Starts for Sotrice96_120:

(Start: 32 @66441 has 123 MA's), (Start: 43 @66498 has 2 MA's), (51, 66525), (63, 66597), (64, 66600), (74, 66654), (94, 66741), (99, 66759), (100, 66762), (119, 66852), (121, 66864), (138, 66927), (141, 66939), (155, 66999), (158, 67020), (165, 67062), (172, 67086), (191, 67149), (202, 67206), (210, 67254), (214, 67269),

Gene: SparkleGoddess_65 Start: 54010, Stop: 55035, Start Num: 31

Candidate Starts for SparkleGoddess_65:

(Start: 31 @54010 has 27 MA's), (52, 54100), (71, 54202), (98, 54313), (104, 54346), (117, 54394), (120, 54415), (134, 54469), (140, 54508), (141, 54511), (151, 54547), (163, 54625), (170, 54652), (179, 54691), (191, 54745), (195, 54766), (202, 54799), (209, 54853), (232, 54982),

Gene: Spec_206 Start: 116167, Stop: 117255, Start Num: 24

Candidate Starts for Spec_206:

(4, 115852), (10, 116035), (13, 116095), (Start: 17 @116137 has 8 MA's), (Start: 24 @116167 has 173 MA's), (42, 116233), (Start: 43 @116236 has 2 MA's), (45, 116239), (47, 116251), (53, 116269), (56, 116284), (74, 116389), (84, 116431), (87, 116452), (91, 116470), (106, 116548), (135, 116656), (152, 116734), (157, 116761), (161, 116782), (178, 116866), (186, 116884), (187, 116887), (188, 116890), (200, 116962), (213, 117043), (216, 117058), (221, 117106), (237, 117178), (257, 117244),

Gene: Specks_215 Start: 118285, Stop: 119373, Start Num: 24

Candidate Starts for Specks_215:

(4, 117970), (10, 118153), (13, 118213), (Start: 17 @118255 has 8 MA's), (Start: 24 @118285 has 173 MA's), (42, 118351), (Start: 43 @118354 has 2 MA's), (45, 118357), (47, 118369), (53, 118387), (56, 118402), (74, 118507), (84, 118549), (87, 118570), (91, 118588), (106, 118666), (135, 118774), (152, 118852), (157, 118879), (161, 118900), (178, 118984), (186, 119002), (187, 119005), (188, 119008), (200, 119080), (213, 119161), (216, 119176), (221, 119224), (237, 119296), (257, 119362),

Gene: Spelly_85 Start: 62443, Stop: 63447, Start Num: 28

Candidate Starts for Spelly_85:

(21, 62416), (Start: 28 @62443 has 73 MA's), (39, 62485), (Start: 43 @62503 has 2 MA's), (59, 62563), (104, 62782), (112, 62806), (143, 62962), (153, 62998), (161, 63040), (183, 63154), (234, 63433),

Gene: Spilled_86 Start: 62560, Stop: 63564, Start Num: 28

Candidate Starts for Spilled_86:

(21, 62533), (Start: 28 @62560 has 73 MA's), (39, 62602), (Start: 43 @62620 has 2 MA's), (59, 62680), (104, 62899), (112, 62923), (116, 62944), (143, 63079), (153, 63115), (161, 63157), (183, 63271), (234, 63550),

Gene: Sprinklers_209 Start: 116534, Stop: 117622, Start Num: 24

Candidate Starts for Sprinklers_209:

(10, 116402), (13, 116462), (Start: 17 @116504 has 8 MA's), (Start: 24 @116534 has 173 MA's), (42, 116600), (Start: 43 @116603 has 2 MA's), (45, 116606), (47, 116618), (53, 116636), (56, 116651), (74, 116756), (84, 116798), (87, 116819), (91, 116837), (106, 116915), (135, 117023), (152, 117101), (157, 117128), (161, 117149), (178, 117233), (186, 117251), (187, 117254), (188, 117257), (200, 117329), (213, 117410), (216, 117425), (221, 117473), (237, 117545), (257, 117611),

Gene: Spud_205 Start: 116246, Stop: 117334, Start Num: 24

Candidate Starts for Spud_205:

(10, 116114), (13, 116174), (Start: 17 @116216 has 8 MA's), (Start: 24 @116246 has 173 MA's), (42, 116312), (Start: 43 @116315 has 2 MA's), (45, 116318), (47, 116330), (53, 116348), (56, 116363), (74, 116468), (84, 116510), (87, 116531), (91, 116549), (106, 116627), (122, 116696), (135, 116735), (152, 116813), (157, 116840), (161, 116861), (178, 116945), (186, 116963), (187, 116966), (188, 116969), (200, 117041), (202, 117050), (213, 117122), (216, 117137), (221, 117185), (237, 117257), (257, 117323),

Gene: Squillium_82 Start: 62598, Stop: 63602, Start Num: 28

Candidate Starts for Squillium_82:

(21, 62571), (Start: 28 @62598 has 73 MA's), (Start: 43 @62658 has 2 MA's), (46, 62670), (47, 62676), (48, 62679), (59, 62718), (104, 62937), (112, 62961), (118, 62988), (143, 63117), (155, 63165), (161, 63195), (169, 63246), (184, 63312), (209, 63453), (217, 63495), (228, 63564), (233, 63579),

Gene: SrishMeg2525_208 Start: 117410, Stop: 118498, Start Num: 24

Candidate Starts for SrishMeg2525_208:

(10, 117278), (13, 117338), (Start: 17 @117380 has 8 MA's), (Start: 24 @117410 has 173 MA's), (42, 117476), (Start: 43 @117479 has 2 MA's), (45, 117482), (47, 117494), (53, 117512), (56, 117527), (74, 117632), (84, 117674), (87, 117695), (91, 117713), (106, 117791), (122, 117860), (135, 117899), (152, 117977), (157, 118004), (161, 118025), (178, 118109), (186, 118127), (187, 118130), (188, 118133), (200, 118205), (202, 118214), (213, 118286), (216, 118301), (221, 118349), (237, 118421), (257, 118487),

Gene: Stanimal_85 Start: 62327, Stop: 63331, Start Num: 28

Candidate Starts for Stanimal_85:

(21, 62300), (Start: 28 @62327 has 73 MA's), (39, 62369), (Start: 43 @62387 has 2 MA's), (59, 62447), (104, 62666), (112, 62690), (143, 62846), (155, 62894), (161, 62924), (168, 62972), (183, 63038), (234, 63317),

Gene: Stank_118 Start: 65936, Stop: 66898, Start Num: 32

Candidate Starts for Stank_118:

(Start: 32 @65936 has 123 MA's), (Start: 43 @65993 has 2 MA's), (51, 66020), (63, 66092), (64, 66095), (74, 66149), (94, 66236), (99, 66254), (100, 66257), (119, 66347), (121, 66359), (138, 66422), (141, 66434), (155, 66494), (158, 66515), (165, 66557), (172, 66581), (191, 66644), (202, 66701), (210, 66749), (214, 66764),

Gene: StarPlatinum_85 Start: 62996, Stop: 64000, Start Num: 28

Candidate Starts for StarPlatinum_85:

(21, 62969), (Start: 28 @62996 has 73 MA's), (39, 63038), (Start: 43 @63056 has 2 MA's), (59, 63116), (104, 63335), (112, 63359), (143, 63515), (155, 63563), (161, 63593), (183, 63707), (224, 63944), (234, 63986),

Gene: Starbow_83 Start: 62464, Stop: 63468, Start Num: 28

Candidate Starts for Starbow_83:

(21, 62437), (Start: 28 @62464 has 73 MA's), (39, 62506), (Start: 43 @62524 has 2 MA's), (59, 62584), (104, 62803), (112, 62827), (143, 62983), (153, 63019), (161, 63061), (183, 63175), (234, 63454),

Gene: Stark_115 Start: 65442, Stop: 66404, Start Num: 32

Candidate Starts for Stark_115:

(Start: 32 @65442 has 123 MA's), (Start: 43 @65499 has 2 MA's), (51, 65526), (63, 65598), (64, 65601), (74, 65655), (94, 65742), (99, 65760), (100, 65763), (119, 65853), (121, 65865), (138, 65928), (141, 65940), (155, 66000), (158, 66021), (165, 66063), (172, 66087), (191, 66150), (202, 66207), (210, 66255), (214, 66270),

Gene: StellaBean_113 Start: 65739, Stop: 66701, Start Num: 32

Candidate Starts for StellaBean_113:

(Start: 32 @65739 has 123 MA's), (Start: 43 @65796 has 2 MA's), (51, 65823), (63, 65895), (64, 65898), (74, 65952), (94, 66039), (99, 66057), (100, 66060), (119, 66150), (121, 66162), (138, 66225), (141, 66237), (155, 66297), (158, 66318), (165, 66360), (172, 66384), (191, 66447), (202, 66504), (210, 66552), (214, 66567),

Gene: StephanieG_207 Start: 117444, Stop: 118532, Start Num: 24

Candidate Starts for StephanieG_207:

(10, 117312), (13, 117372), (Start: 17 @117414 has 8 MA's), (Start: 24 @117444 has 173 MA's), (42, 117510), (Start: 43 @117513 has 2 MA's), (45, 117516), (47, 117528), (53, 117546), (56, 117561), (74, 117666), (84, 117708), (87, 117729), (91, 117747), (106, 117825), (122, 117894), (135, 117933), (152, 118011), (157, 118038), (161, 118059), (178, 118143), (186, 118161), (187, 118164), (188, 118167), (200, 118239), (202, 118248), (213, 118320), (216, 118335), (221, 118383), (237, 118455),

(257, 118521),

Gene: Stigma_64 Start: 54024, Stop: 55049, Start Num: 31

Candidate Starts for Stigma_64:

(Start: 31 @54024 has 27 MA's), (52, 54114), (71, 54216), (98, 54327), (104, 54360), (117, 54408), (120, 54429), (134, 54483), (140, 54522), (141, 54525), (151, 54561), (163, 54639), (170, 54666), (179, 54705), (191, 54759), (195, 54780), (202, 54813), (209, 54867), (232, 54996),

Gene: StolenFromERC_117 Start: 65281, Stop: 66243, Start Num: 32

Candidate Starts for StolenFromERC_117:

(Start: 32 @65281 has 123 MA's), (Start: 43 @65338 has 2 MA's), (51, 65365), (63, 65437), (64, 65440), (74, 65494), (94, 65581), (99, 65599), (100, 65602), (119, 65692), (121, 65704), (138, 65767), (141, 65779), (155, 65839), (158, 65860), (165, 65902), (172, 65926), (191, 65989), (202, 66046), (210, 66094), (214, 66109),

Gene: Stormageddon_77 Start: 74580, Stop: 75761, Start Num: 26

Candidate Starts for Stormageddon_77:

(5, 74277), (7, 74382), (9, 74448), (Start: 26 @74580 has 2 MA's), (Start: 30 @74592 has 3 MA's), (Start: 43 @74649 has 2 MA's), (52, 74679), (53, 74682), (64, 74748), (90, 74880), (92, 74886), (96, 74907), (99, 74919), (100, 74922), (115, 74994), (118, 75003), (127, 75039), (135, 75078), (161, 75204), (166, 75246), (176, 75288), (188, 75315), (208, 75450), (214, 75477), (219, 75528), (220, 75531), (222, 75546), (226, 75570), (228, 75576), (234, 75600), (235, 75603), (258, 75675), (260, 75705),

Gene: Stubby_195 Start: 116286, Stop: 117374, Start Num: 24

Candidate Starts for Stubby_195:

(10, 116154), (13, 116214), (Start: 17 @116256 has 8 MA's), (Start: 24 @116286 has 173 MA's), (42, 116352), (Start: 43 @116355 has 2 MA's), (45, 116358), (47, 116370), (53, 116388), (56, 116403), (74, 116508), (84, 116550), (87, 116571), (91, 116589), (106, 116667), (122, 116736), (135, 116775), (152, 116853), (157, 116880), (161, 116901), (178, 116985), (186, 117003), (187, 117006), (188, 117009), (200, 117081), (202, 117090), (213, 117162), (216, 117177), (221, 117225), (237, 117297), (257, 117363),

Gene: StubbySaigey_216 Start: 116965, Stop: 118053, Start Num: 24

Candidate Starts for StubbySaigey_216:

(10, 116833), (13, 116893), (Start: 17 @116935 has 8 MA's), (Start: 24 @116965 has 173 MA's), (42, 117031), (Start: 43 @117034 has 2 MA's), (45, 117037), (47, 117049), (53, 117067), (56, 117082), (74, 117187), (84, 117229), (87, 117250), (91, 117268), (106, 117346), (135, 117454), (152, 117532), (157, 117559), (161, 117580), (178, 117664), (186, 117682), (187, 117685), (188, 117688), (200, 117760), (213, 117841), (216, 117856), (221, 117904), (237, 117976), (257, 118042),

Gene: Sushi23_82 Start: 63286, Stop: 64290, Start Num: 28

Candidate Starts for Sushi23_82:

(21, 63259), (Start: 28 @63286 has 73 MA's), (40, 63331), (Start: 43 @63346 has 2 MA's), (46, 63358), (47, 63364), (48, 63367), (59, 63406), (73, 63487), (104, 63625), (112, 63649), (118, 63676), (138, 63787), (143, 63805), (161, 63883), (162, 63910), (178, 63973), (209, 64141), (228, 64252), (233, 64267),

Gene: TBrady12_119 Start: 65373, Stop: 66335, Start Num: 32

Candidate Starts for TBrady12_119:

(Start: 32 @65373 has 123 MA's), (Start: 43 @65430 has 2 MA's), (51, 65457), (63, 65529), (64, 65532), (74, 65586), (94, 65673), (99, 65691), (100, 65694), (119, 65784), (121, 65796), (138, 65859), (141, 65871), (155, 65931), (158, 65952), (165, 65994), (172, 66018), (191, 66081), (202, 66138),

(210, 66186), (214, 66201),

Gene: Tainan_212 Start: 117304, Stop: 118392, Start Num: 24

Candidate Starts for Tainan_212:

(4, 116989), (10, 117172), (13, 117232), (Start: 17 @117274 has 8 MA's), (Start: 24 @117304 has 173 MA's), (42, 117370), (Start: 43 @117373 has 2 MA's), (45, 117376), (47, 117388), (53, 117406), (56, 117421), (74, 117526), (84, 117568), (87, 117589), (91, 117607), (106, 117685), (135, 117793), (152, 117871), (157, 117898), (161, 117919), (178, 118003), (186, 118021), (187, 118024), (188, 118027), (200, 118099), (213, 118180), (216, 118195), (221, 118243), (237, 118315), (257, 118381),

Gene: Targaryen_83 Start: 63996, Stop: 65000, Start Num: 28

Candidate Starts for Targaryen_83:

(Start: 28 @63996 has 73 MA's), (Start: 43 @64056 has 2 MA's), (48, 64077), (59, 64116), (74, 64200), (89, 64266), (104, 64335), (112, 64359), (143, 64515), (161, 64593), (214, 64872), (228, 64962), (233, 64977),

Gene: Tarkin_114 Start: 66182, Stop: 67144, Start Num: 32

Candidate Starts for Tarkin_114:

(Start: 32 @66182 has 123 MA's), (Start: 43 @66239 has 2 MA's), (51, 66266), (63, 66338), (64, 66341), (74, 66395), (94, 66482), (99, 66500), (100, 66503), (119, 66593), (121, 66605), (138, 66668), (141, 66680), (155, 66740), (158, 66761), (165, 66803), (172, 66827), (191, 66890), (202, 66947), (210, 66995), (214, 67010),

Gene: Teardrop_208 Start: 115478, Stop: 116566, Start Num: 24

Candidate Starts for Teardrop_208:

(10, 115346), (13, 115406), (Start: 17 @115448 has 8 MA's), (Start: 24 @115478 has 173 MA's), (42, 115544), (Start: 43 @115547 has 2 MA's), (45, 115550), (47, 115562), (53, 115580), (56, 115595), (74, 115700), (84, 115742), (87, 115763), (91, 115781), (106, 115859), (135, 115967), (152, 116045), (157, 116072), (161, 116093), (178, 116177), (186, 116195), (187, 116198), (188, 116201), (200, 116273), (213, 116354), (216, 116369), (221, 116417), (237, 116489), (257, 116555),

Gene: TeardropMSU_115 Start: 65543, Stop: 66505, Start Num: 32

Candidate Starts for TeardropMSU_115:

(Start: 32 @65543 has 123 MA's), (Start: 43 @65600 has 2 MA's), (51, 65627), (63, 65699), (64, 65702), (74, 65756), (94, 65843), (99, 65861), (100, 65864), (119, 65954), (121, 65966), (138, 66029), (141, 66041), (155, 66101), (158, 66122), (165, 66164), (172, 66188), (191, 66251), (202, 66308), (210, 66356), (214, 66371),

Gene: Teaspoon_116 Start: 65921, Stop: 66883, Start Num: 32

Candidate Starts for Teaspoon_116:

(Start: 32 @65921 has 123 MA's), (Start: 43 @65978 has 2 MA's), (51, 66005), (63, 66077), (64, 66080), (74, 66134), (94, 66221), (99, 66239), (100, 66242), (119, 66332), (121, 66344), (138, 66407), (141, 66419), (155, 66479), (158, 66500), (165, 66542), (172, 66566), (191, 66629), (202, 66686), (210, 66734), (214, 66749),

Gene: Terminus_118 Start: 66582, Stop: 67544, Start Num: 32

Candidate Starts for Terminus_118:

(Start: 32 @66582 has 123 MA's), (Start: 43 @66639 has 2 MA's), (51, 66666), (63, 66738), (64, 66741), (74, 66795), (94, 66882), (99, 66900), (100, 66903), (119, 66993), (121, 67005), (138, 67068), (141, 67080), (155, 67140), (158, 67161), (165, 67203), (172, 67227), (191, 67290), (202, 67347), (210, 67395), (214, 67410),

Gene: Teutsch_83 Start: 63549, Stop: 64553, Start Num: 28

Candidate Starts for Deutsch_83:

(21, 63522), (Start: 28 @63549 has 73 MA's), (Start: 43 @63609 has 2 MA's), (46, 63621), (47, 63627), (48, 63630), (59, 63669), (73, 63750), (104, 63888), (112, 63912), (118, 63939), (138, 64050), (143, 64068), (161, 64146), (162, 64173), (178, 64236), (228, 64515), (233, 64530),

Gene: Thresher_116 Start: 66222, Stop: 67184, Start Num: 32

Candidate Starts for Thresher_116:

(Start: 32 @66222 has 123 MA's), (Start: 43 @66279 has 2 MA's), (51, 66306), (63, 66378), (64, 66381), (74, 66435), (94, 66522), (99, 66540), (100, 66543), (119, 66633), (121, 66645), (138, 66708), (141, 66720), (155, 66780), (158, 66801), (165, 66843), (172, 66867), (191, 66930), (202, 66987), (210, 67035), (214, 67050),

Gene: TinyTim_209 Start: 116259, Stop: 117347, Start Num: 24

Candidate Starts for TinyTim_209:

(10, 116127), (13, 116187), (Start: 17 @116229 has 8 MA's), (Start: 24 @116259 has 173 MA's), (42, 116325), (Start: 43 @116328 has 2 MA's), (45, 116331), (47, 116343), (53, 116361), (56, 116376), (74, 116481), (84, 116523), (87, 116544), (91, 116562), (106, 116640), (122, 116709), (135, 116748), (152, 116826), (157, 116853), (161, 116874), (178, 116958), (186, 116976), (187, 116979), (188, 116982), (200, 117054), (202, 117063), (213, 117135), (216, 117150), (221, 117198), (237, 117270), (257, 117336),

Gene: TomSawyer_83 Start: 62079, Stop: 63083, Start Num: 28

Candidate Starts for TomSawyer_83:

(21, 62052), (Start: 28 @62079 has 73 MA's), (39, 62121), (Start: 43 @62139 has 2 MA's), (59, 62199), (104, 62418), (112, 62442), (143, 62598), (153, 62634), (161, 62676), (183, 62790), (234, 63069),

Gene: Tomas_88 Start: 65401, Stop: 66405, Start Num: 28

Candidate Starts for Tomas_88:

(Start: 28 @65401 has 73 MA's), (39, 65443), (Start: 43 @65461 has 2 MA's), (46, 65473), (59, 65521), (76, 65611), (104, 65740), (112, 65764), (138, 65902), (143, 65920), (153, 65956), (161, 65998), (190, 66142), (217, 66298), (232, 66379),

Gene: Tomaszewski_110 Start: 65120, Stop: 66082, Start Num: 32

Candidate Starts for Tomaszewski_110:

(Start: 32 @65120 has 123 MA's), (Start: 43 @65177 has 2 MA's), (51, 65204), (63, 65276), (64, 65279), (74, 65333), (94, 65420), (99, 65438), (100, 65441), (119, 65531), (121, 65543), (138, 65606), (141, 65618), (155, 65678), (158, 65699), (165, 65741), (172, 65765), (191, 65828), (202, 65885), (210, 65933), (214, 65948),

Gene: Tonenili_233 Start: 123064, Stop: 124152, Start Num: 24

Candidate Starts for Tonenili_233:

(Start: 24 @123064 has 173 MA's), (42, 123130), (Start: 43 @123133 has 2 MA's), (45, 123136), (47, 123148), (53, 123166), (74, 123286), (78, 123298), (84, 123328), (87, 123349), (106, 123445), (135, 123553), (143, 123592), (152, 123631), (157, 123658), (161, 123679), (178, 123763), (186, 123781), (187, 123784), (188, 123787), (200, 123859), (211, 123931), (216, 123955), (221, 124003), (222, 124012), (237, 124075), (251, 124129), (257, 124141),

Gene: Tortoise16_209 Start: 116721, Stop: 117809, Start Num: 24

Candidate Starts for Tortoise16_209:

(4, 116406), (10, 116589), (13, 116649), (Start: 17 @116691 has 8 MA's), (Start: 24 @116721 has 173 MA's), (42, 116787), (Start: 43 @116790 has 2 MA's), (45, 116793), (47, 116805), (53, 116823), (56, 116838), (74, 116943), (84, 116985), (87, 117006), (91, 117024), (106, 117102), (135, 117210), (152,

117288), (157, 117315), (161, 117336), (178, 117420), (186, 117438), (187, 117441), (188, 117444), (200, 117516), (213, 117597), (216, 117612), (221, 117660), (237, 117732), (257, 117798),

Gene: Toto_114 Start: 66374, Stop: 67336, Start Num: 32

Candidate Starts for Toto_114:

(Start: 32 @66374 has 123 MA's), (Start: 43 @66431 has 2 MA's), (51, 66458), (63, 66530), (64, 66533), (74, 66587), (94, 66674), (99, 66692), (100, 66695), (119, 66785), (121, 66797), (138, 66860), (141, 66872), (155, 66932), (158, 66953), (165, 66995), (172, 67019), (191, 67082), (202, 67139), (210, 67187), (214, 67202),

Gene: Traaww1_112 Start: 64923, Stop: 65885, Start Num: 32

Candidate Starts for Traaww1_112:

(Start: 32 @64923 has 123 MA's), (Start: 43 @64980 has 2 MA's), (51, 65007), (63, 65079), (64, 65082), (74, 65136), (94, 65223), (99, 65241), (100, 65244), (119, 65334), (121, 65346), (138, 65409), (141, 65421), (155, 65481), (158, 65502), (165, 65544), (172, 65568), (191, 65631), (202, 65688), (210, 65736), (214, 65751),

Gene: Tribute_81 Start: 62755, Stop: 63759, Start Num: 28

Candidate Starts for Tribute_81:

(21, 62728), (Start: 28 @62755 has 73 MA's), (40, 62800), (Start: 43 @62815 has 2 MA's), (46, 62827), (47, 62833), (48, 62836), (59, 62875), (73, 62956), (104, 63094), (112, 63118), (118, 63145), (138, 63256), (143, 63274), (161, 63352), (162, 63379), (178, 63442), (209, 63610), (228, 63721), (233, 63736),

Gene: Trina_105 Start: 72253, Stop: 73359, Start Num: 29

Candidate Starts for Trina_105:

(Start: 29 @72253 has 4 MA's), (68, 72439), (71, 72448), (80, 72481), (104, 72592), (127, 72679), (140, 72754), (152, 72796), (154, 72802), (157, 72823), (169, 72892), (170, 72898), (184, 72958), (207, 73090), (214, 73120), (237, 73249), (243, 73291), (244, 73300), (246, 73312), (255, 73354),

Gene: Trinitium_207 Start: 116006, Stop: 117094, Start Num: 24

Candidate Starts for Trinitium_207:

(10, 115874), (13, 115934), (Start: 17 @115976 has 8 MA's), (Start: 24 @116006 has 173 MA's), (42, 116072), (Start: 43 @116075 has 2 MA's), (45, 116078), (47, 116090), (53, 116108), (56, 116123), (74, 116228), (84, 116270), (87, 116291), (91, 116309), (106, 116387), (135, 116495), (152, 116573), (157, 116600), (161, 116621), (178, 116705), (186, 116723), (187, 116726), (188, 116729), (200, 116801), (213, 116882), (216, 116897), (221, 116945), (237, 117017), (257, 117083),

Gene: Tuco_120 Start: 67602, Stop: 68564, Start Num: 32

Candidate Starts for Tuco_120:

(Start: 32 @67602 has 123 MA's), (Start: 43 @67659 has 2 MA's), (51, 67686), (63, 67758), (64, 67761), (74, 67815), (94, 67902), (99, 67920), (100, 67923), (119, 68013), (121, 68025), (138, 68088), (141, 68100), (155, 68160), (158, 68181), (165, 68223), (172, 68247), (191, 68310), (202, 68367), (210, 68415), (214, 68430),

Gene: TunaTartare_63 Start: 54095, Stop: 55117, Start Num: 31

Candidate Starts for TunaTartare_63:

(Start: 31 @54095 has 27 MA's), (36, 54113), (41, 54146), (70, 54284), (71, 54287), (77, 54305), (108, 54446), (134, 54554), (139, 54590), (140, 54593), (153, 54638), (162, 54707), (170, 54737), (183, 54794), (195, 54851), (208, 54932), (224, 55031), (234, 55073),

Gene: Turret_204 Start: 115588, Stop: 116676, Start Num: 24

Candidate Starts for Turret_204:

(10, 115456), (13, 115516), (Start: 17 @115558 has 8 MA's), (Start: 24 @115588 has 173 MA's), (42, 115654), (Start: 43 @115657 has 2 MA's), (45, 115660), (47, 115672), (53, 115690), (56, 115705), (74, 115810), (84, 115852), (87, 115873), (91, 115891), (106, 115969), (135, 116077), (152, 116155), (157, 116182), (161, 116203), (178, 116287), (186, 116305), (187, 116308), (188, 116311), (200, 116383), (213, 116464), (216, 116479), (221, 116527), (237, 116599), (257, 116665),

Gene: Twin_97 Start: 74300, Stop: 75403, Start Num: 28

Candidate Starts for Twin_97:

(16, 74255), (20, 74267), (22, 74276), (Start: 28 @74300 has 73 MA's), (42, 74360), (Start: 43 @74363 has 2 MA's), (44, 74366), (55, 74411), (56, 74414), (57, 74420), (67, 74489), (72, 74510), (94, 74603), (95, 74609), (99, 74621), (103, 74648), (105, 74654), (115, 74693), (117, 74699), (120, 74720), (138, 74792), (146, 74816), (151, 74840), (155, 74858), (156, 74864), (173, 74957), (185, 75011), (201, 75086), (220, 75209), (240, 75305), (259, 75398),

Gene: Tyke_209 Start: 118088, Stop: 119176, Start Num: 24

Candidate Starts for Tyke_209:

(4, 117773), (10, 117956), (13, 118016), (Start: 17 @118058 has 8 MA's), (Start: 24 @118088 has 173 MA's), (42, 118154), (Start: 43 @118157 has 2 MA's), (45, 118160), (47, 118172), (53, 118190), (56, 118205), (74, 118310), (84, 118352), (87, 118373), (91, 118391), (106, 118469), (135, 118577), (152, 118655), (157, 118682), (161, 118703), (178, 118787), (186, 118805), (187, 118808), (188, 118811), (200, 118883), (213, 118964), (216, 118979), (221, 119027), (237, 119099), (257, 119165),

Gene: UBSmoodge_106 Start: 77994, Stop: 79112, Start Num: 25

Candidate Starts for UBSmoodge_106:

(11, 77904), (16, 77961), (20, 77973), (22, 77982), (Start: 25 @77994 has 1 MA's), (Start: 28 @78006 has 73 MA's), (42, 78066), (57, 78126), (72, 78216), (84, 78258), (94, 78309), (95, 78315), (99, 78327), (105, 78360), (117, 78405), (120, 78426), (138, 78498), (146, 78522), (151, 78546), (155, 78564), (156, 78570), (175, 78672), (185, 78717), (195, 78768), (210, 78855), (234, 78984),

Gene: Ukulele_110 Start: 64939, Stop: 65901, Start Num: 32

Candidate Starts for Ukulele_110:

(Start: 32 @64939 has 123 MA's), (Start: 43 @64996 has 2 MA's), (51, 65023), (63, 65095), (64, 65098), (74, 65152), (94, 65239), (99, 65257), (100, 65260), (119, 65350), (121, 65362), (138, 65425), (141, 65437), (155, 65497), (158, 65518), (165, 65560), (172, 65584), (191, 65647), (202, 65704), (210, 65752), (214, 65767),

Gene: ValleyTerrace_212 Start: 116172, Stop: 117260, Start Num: 24

Candidate Starts for ValleyTerrace_212:

(10, 116040), (13, 116100), (Start: 17 @116142 has 8 MA's), (Start: 24 @116172 has 173 MA's), (42, 116238), (Start: 43 @116241 has 2 MA's), (45, 116244), (47, 116256), (53, 116274), (56, 116289), (74, 116394), (84, 116436), (87, 116457), (91, 116475), (106, 116553), (135, 116661), (152, 116739), (157, 116766), (161, 116787), (178, 116871), (186, 116889), (187, 116892), (188, 116895), (200, 116967), (213, 117048), (216, 117063), (221, 117111), (237, 117183), (257, 117249),

Gene: Wakanda_61 Start: 54185, Stop: 55210, Start Num: 31

Candidate Starts for Wakanda_61:

(Start: 31 @54185 has 27 MA's), (38, 54212), (68, 54368), (70, 54374), (71, 54377), (93, 54467), (108, 54536), (134, 54644), (135, 54653), (139, 54680), (140, 54683), (152, 54725), (170, 54827), (178, 54860), (195, 54941), (214, 55049),

Gene: Wally_209 Start: 116156, Stop: 117244, Start Num: 24

Candidate Starts for Wally_209:

(10, 116024), (13, 116084), (Start: 17 @116126 has 8 MA's), (Start: 24 @116156 has 173 MA's), (42, 116222), (Start: 43 @116225 has 2 MA's), (45, 116228), (47, 116240), (53, 116258), (56, 116273), (74, 116378), (84, 116420), (87, 116441), (91, 116459), (106, 116537), (135, 116645), (152, 116723), (157, 116750), (161, 116771), (178, 116855), (186, 116873), (187, 116876), (188, 116879), (200, 116951), (213, 117032), (216, 117047), (221, 117095), (237, 117167), (257, 117233),

Gene: Warpy_86 Start: 63459, Stop: 64463, Start Num: 28

Candidate Starts for Warpy_86:

(Start: 28 @63459 has 73 MA's), (Start: 43 @63519 has 2 MA's), (48, 63540), (59, 63579), (74, 63663), (89, 63729), (104, 63798), (112, 63822), (143, 63978), (161, 64056), (180, 64155), (214, 64335), (228, 64425), (233, 64440),

Gene: Watermoore_83 Start: 63765, Stop: 64769, Start Num: 28

Candidate Starts for Watermoore_83:

(21, 63738), (Start: 28 @63765 has 73 MA's), (40, 63810), (Start: 43 @63825 has 2 MA's), (46, 63837), (47, 63843), (48, 63846), (59, 63885), (73, 63966), (104, 64104), (112, 64128), (118, 64155), (138, 64266), (143, 64284), (161, 64362), (162, 64389), (178, 64452), (209, 64620), (228, 64731), (233, 64746),

Gene: Weasels2_105 Start: 65888, Stop: 66889, Start Num: 29

Candidate Starts for Weasels2_105:

(Start: 29 @65888 has 4 MA's), (77, 66101), (99, 66197), (110, 66245), (112, 66251), (114, 66263), (121, 66299), (151, 66425), (169, 66521), (186, 66599), (210, 66737), (237, 66878),

Gene: WhereRU_80 Start: 62032, Stop: 63036, Start Num: 28

Candidate Starts for WhereRU_80:

(21, 62005), (Start: 28 @62032 has 73 MA's), (Start: 43 @62092 has 2 MA's), (46, 62104), (47, 62110), (48, 62113), (57, 62140), (59, 62152), (104, 62371), (112, 62395), (118, 62422), (143, 62551), (155, 62599), (161, 62629), (169, 62680), (228, 62998), (233, 63013),

Gene: Wiggin_118 Start: 65366, Stop: 66328, Start Num: 32

Candidate Starts for Wiggin_118:

(Start: 32 @65366 has 123 MA's), (Start: 43 @65423 has 2 MA's), (51, 65450), (63, 65522), (64, 65525), (74, 65579), (94, 65666), (99, 65684), (100, 65687), (119, 65777), (121, 65789), (138, 65852), (141, 65864), (155, 65924), (158, 65945), (165, 65987), (172, 66011), (191, 66074), (202, 66131), (210, 66179), (214, 66194),

Gene: Willez_110 Start: 63908, Stop: 64870, Start Num: 32

Candidate Starts for Willez_110:

(Start: 32 @63908 has 123 MA's), (Start: 43 @63965 has 2 MA's), (51, 63992), (63, 64064), (64, 64067), (74, 64121), (94, 64208), (99, 64226), (100, 64229), (119, 64319), (121, 64331), (138, 64394), (141, 64406), (152, 64451), (154, 64457), (158, 64487), (170, 64547), (172, 64553), (191, 64616), (209, 64715), (223, 64802), (238, 64865),

Gene: Willis_212 Start: 117070, Stop: 118158, Start Num: 24

Candidate Starts for Willis_212:

(10, 116938), (13, 116998), (Start: 17 @117040 has 8 MA's), (Start: 24 @117070 has 173 MA's), (42, 117136), (Start: 43 @117139 has 2 MA's), (45, 117142), (47, 117154), (53, 117172), (56, 117187), (74, 117292), (84, 117334), (87, 117355), (91, 117373), (106, 117451), (122, 117520), (135, 117559), (152, 117637), (157, 117664), (161, 117685), (178, 117769), (186, 117787), (187, 117790), (188, 117793), (200, 117865), (202, 117874), (213, 117946), (216, 117961), (221, 118009), (237, 118081), (257, 118147),

Gene: Wipeout_82 Start: 62830, Stop: 63834, Start Num: 28

Candidate Starts for Wipeout_82:

(21, 62803), (Start: 28 @62830 has 73 MA's), (39, 62872), (Start: 43 @62890 has 2 MA's), (59, 62950), (104, 63169), (112, 63193), (143, 63349), (153, 63385), (161, 63427), (183, 63541), (234, 63820),

Gene: Wofford_84 Start: 63584, Stop: 64528, Start Num: 43

Candidate Starts for Wofford_84:

(21, 63497), (Start: 28 @63524 has 73 MA's), (Start: 43 @63584 has 2 MA's), (47, 63602), (59, 63644), (82, 63758), (104, 63863), (112, 63887), (118, 63914), (143, 64043), (161, 64121), (183, 64235), (185, 64241), (190, 64265),

Gene: Xandras_115 Start: 65189, Stop: 66151, Start Num: 32

Candidate Starts for Xandras_115:

(Start: 32 @65189 has 123 MA's), (Start: 43 @65246 has 2 MA's), (51, 65273), (63, 65345), (64, 65348), (74, 65402), (94, 65489), (99, 65507), (100, 65510), (119, 65600), (121, 65612), (138, 65675), (141, 65687), (155, 65747), (158, 65768), (165, 65810), (172, 65834), (191, 65897), (202, 65954), (210, 66002), (214, 66017),

Gene: Yaboi_85 Start: 62415, Stop: 63419, Start Num: 28

Candidate Starts for Yaboi_85:

(21, 62388), (Start: 28 @62415 has 73 MA's), (39, 62457), (Start: 43 @62475 has 2 MA's), (59, 62535), (104, 62754), (112, 62778), (143, 62934), (155, 62982), (161, 63012), (168, 63060), (183, 63126), (234, 63405),

Gene: YassJohnny_112 Start: 63929, Stop: 64891, Start Num: 32

Candidate Starts for YassJohnny_112:

(Start: 32 @63929 has 123 MA's), (Start: 43 @63986 has 2 MA's), (51, 64013), (63, 64085), (64, 64088), (74, 64142), (94, 64229), (99, 64247), (100, 64250), (119, 64340), (121, 64352), (138, 64415), (141, 64427), (155, 64487), (158, 64508), (165, 64550), (172, 64574), (191, 64637), (202, 64694), (210, 64742), (214, 64757),

Gene: Yassified_208 Start: 116511, Stop: 117599, Start Num: 24

Candidate Starts for Yassified_208:

(10, 116379), (13, 116439), (Start: 17 @116481 has 8 MA's), (Start: 24 @116511 has 173 MA's), (42, 116577), (Start: 43 @116580 has 2 MA's), (45, 116583), (47, 116595), (53, 116613), (56, 116628), (74, 116733), (84, 116775), (87, 116796), (91, 116814), (106, 116892), (135, 117000), (152, 117078), (157, 117105), (161, 117126), (167, 117165), (178, 117210), (186, 117228), (187, 117231), (188, 117234), (200, 117306), (202, 117315), (213, 117387), (216, 117402), (221, 117450), (237, 117522), (257, 117588),

Gene: YemiJoy2021_212 Start: 117826, Stop: 118914, Start Num: 24

Candidate Starts for YemiJoy2021_212:

(10, 117694), (13, 117754), (Start: 17 @117796 has 8 MA's), (Start: 24 @117826 has 173 MA's), (42, 117892), (Start: 43 @117895 has 2 MA's), (45, 117898), (47, 117910), (53, 117928), (56, 117943), (74, 118048), (84, 118090), (87, 118111), (91, 118129), (106, 118207), (135, 118315), (152, 118393), (157, 118420), (161, 118441), (171, 118492), (178, 118525), (186, 118543), (187, 118546), (188, 118549), (200, 118621), (213, 118702), (216, 118717), (221, 118765), (237, 118837), (257, 118903),

Gene: YoungMoneyMata_210 Start: 116640, Stop: 117728, Start Num: 24

Candidate Starts for YoungMoneyMata_210:

(10, 116508), (13, 116568), (Start: 17 @116610 has 8 MA's), (Start: 24 @116640 has 173 MA's), (42, 116706), (Start: 43 @116709 has 2 MA's), (45, 116712), (47, 116724), (53, 116742), (56, 116757),

(74, 116862), (84, 116904), (87, 116925), (91, 116943), (106, 117021), (122, 117090), (135, 117129), (152, 117207), (157, 117234), (161, 117255), (178, 117339), (186, 117357), (187, 117360), (188, 117363), (200, 117435), (202, 117444), (213, 117516), (216, 117531), (221, 117579), (237, 117651), (257, 117717),

Gene: Youngblood_119 Start: 66078, Stop: 67040, Start Num: 32

Candidate Starts for Youngblood_119:

(Start: 32 @66078 has 123 MA's), (Start: 43 @66135 has 2 MA's), (51, 66162), (63, 66234), (64, 66237), (74, 66291), (94, 66378), (99, 66396), (100, 66399), (119, 66489), (121, 66501), (138, 66564), (141, 66576), (155, 66636), (158, 66657), (165, 66699), (172, 66723), (191, 66786), (202, 66843), (210, 66891), (214, 66906),

Gene: Yucca_211 Start: 117818, Stop: 118906, Start Num: 24

Candidate Starts for Yucca_211:

(10, 117686), (13, 117746), (Start: 17 @117788 has 8 MA's), (Start: 24 @117818 has 173 MA's), (42, 117884), (Start: 43 @117887 has 2 MA's), (45, 117890), (47, 117902), (53, 117920), (56, 117935), (74, 118040), (84, 118082), (87, 118103), (91, 118121), (106, 118199), (122, 118268), (135, 118307), (152, 118385), (157, 118412), (161, 118433), (178, 118517), (186, 118535), (187, 118538), (188, 118541), (200, 118613), (202, 118622), (213, 118694), (216, 118709), (221, 118757), (237, 118829), (257, 118895),

Gene: Zalkecks_210 Start: 116899, Stop: 117987, Start Num: 24

Candidate Starts for Zalkecks_210:

(10, 116767), (13, 116827), (Start: 17 @116869 has 8 MA's), (Start: 24 @116899 has 173 MA's), (42, 116965), (Start: 43 @116968 has 2 MA's), (45, 116971), (47, 116983), (53, 117001), (56, 117016), (74, 117121), (84, 117163), (87, 117184), (91, 117202), (106, 117280), (122, 117349), (135, 117388), (152, 117466), (157, 117493), (161, 117514), (178, 117598), (186, 117616), (187, 117619), (188, 117622), (200, 117694), (202, 117703), (213, 117775), (216, 117790), (221, 117838), (237, 117910), (257, 117976),

Gene: Zeenon_213 Start: 117470, Stop: 118558, Start Num: 24

Candidate Starts for Zeenon_213:

(10, 117338), (13, 117398), (Start: 17 @117440 has 8 MA's), (Start: 24 @117470 has 173 MA's), (42, 117536), (Start: 43 @117539 has 2 MA's), (45, 117542), (47, 117554), (53, 117572), (56, 117587), (74, 117692), (84, 117734), (87, 117755), (91, 117773), (106, 117851), (122, 117920), (135, 117959), (152, 118037), (157, 118064), (161, 118085), (178, 118169), (186, 118187), (187, 118190), (188, 118193), (200, 118265), (202, 118274), (213, 118346), (216, 118361), (221, 118409), (237, 118481), (257, 118547),

Gene: ZygoTaiga_208 Start: 118090, Stop: 119178, Start Num: 24

Candidate Starts for ZygoTaiga_208:

(10, 117958), (13, 118018), (Start: 17 @118060 has 8 MA's), (Start: 24 @118090 has 173 MA's), (42, 118156), (Start: 43 @118159 has 2 MA's), (45, 118162), (47, 118174), (53, 118192), (56, 118207), (74, 118312), (84, 118354), (87, 118375), (91, 118393), (106, 118471), (122, 118540), (135, 118579), (152, 118657), (157, 118684), (161, 118705), (178, 118789), (186, 118807), (187, 118810), (188, 118813), (200, 118885), (202, 118894), (213, 118966), (216, 118981), (221, 119029), (237, 119101), (257, 119167),

Gene: xkcd_119 Start: 66263, Stop: 67225, Start Num: 32

Candidate Starts for xkcd_119:

(Start: 32 @66263 has 123 MA's), (Start: 43 @66320 has 2 MA's), (51, 66347), (63, 66419), (64, 66422), (74, 66476), (94, 66563), (99, 66581), (100, 66584), (119, 66674), (121, 66686), (138, 66749), (141, 66761), (155, 66821), (158, 66842), (165, 66884), (172, 66908), (191, 66971), (202, 67028),

(210, 67076), (214, 67091),