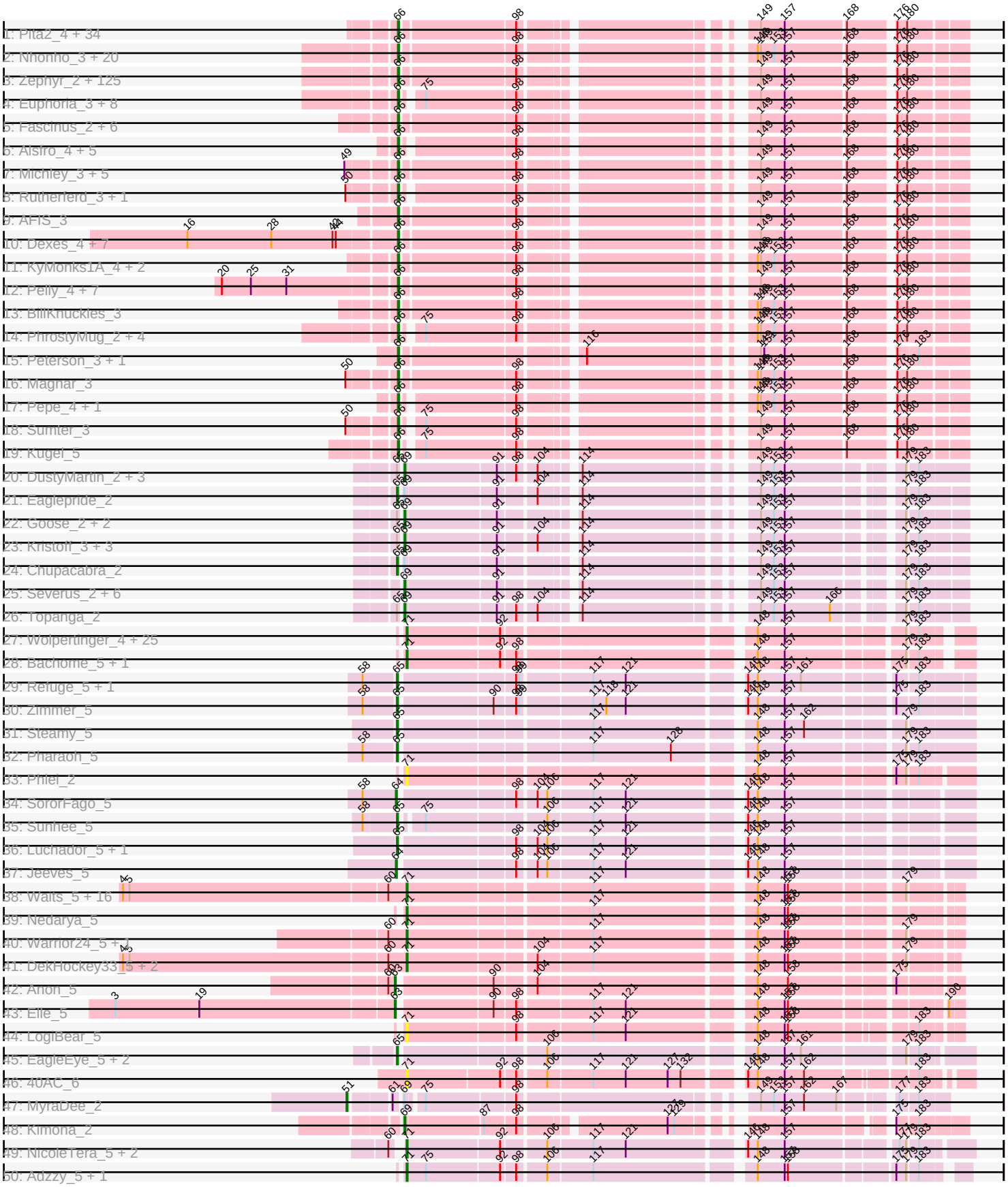
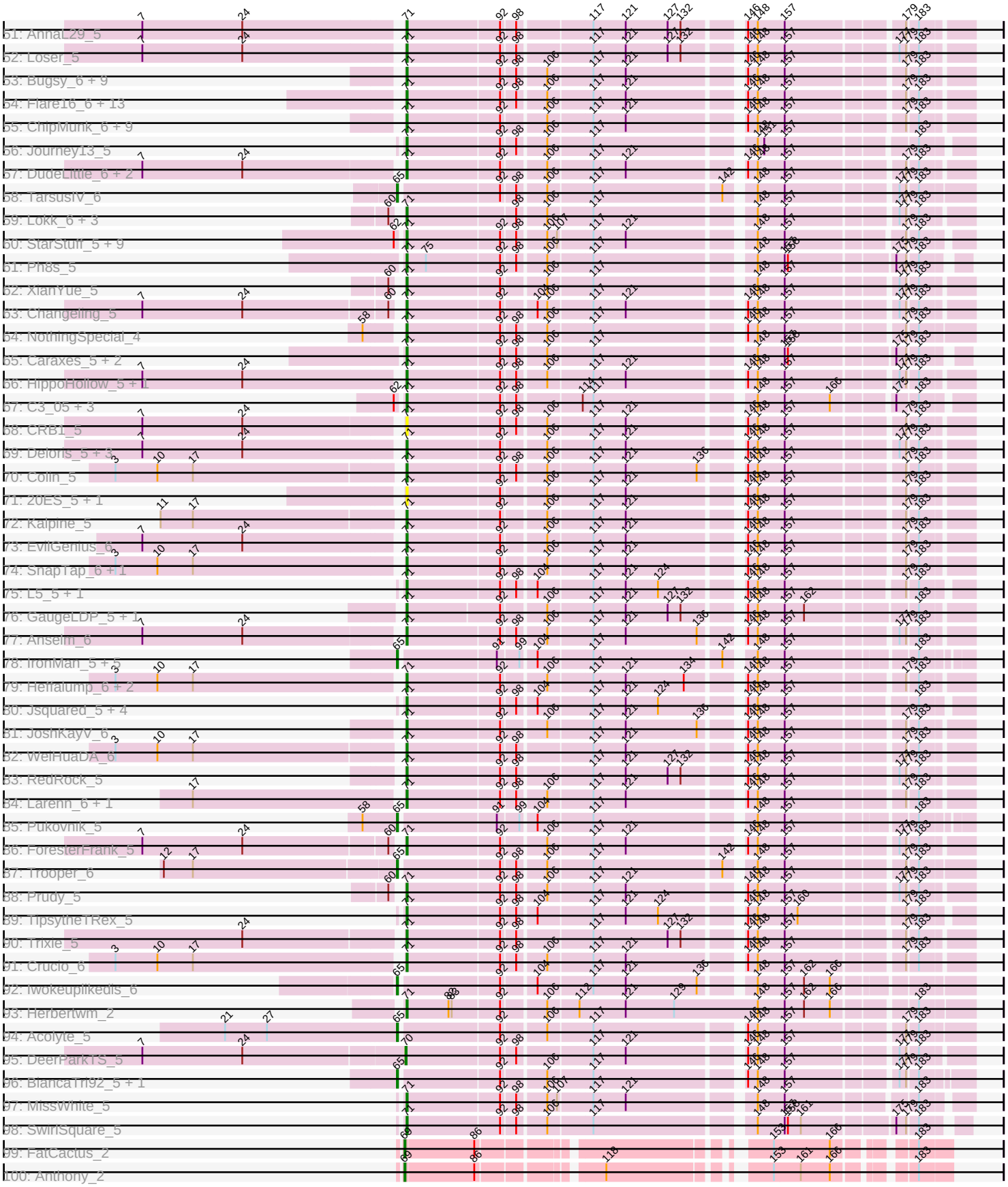
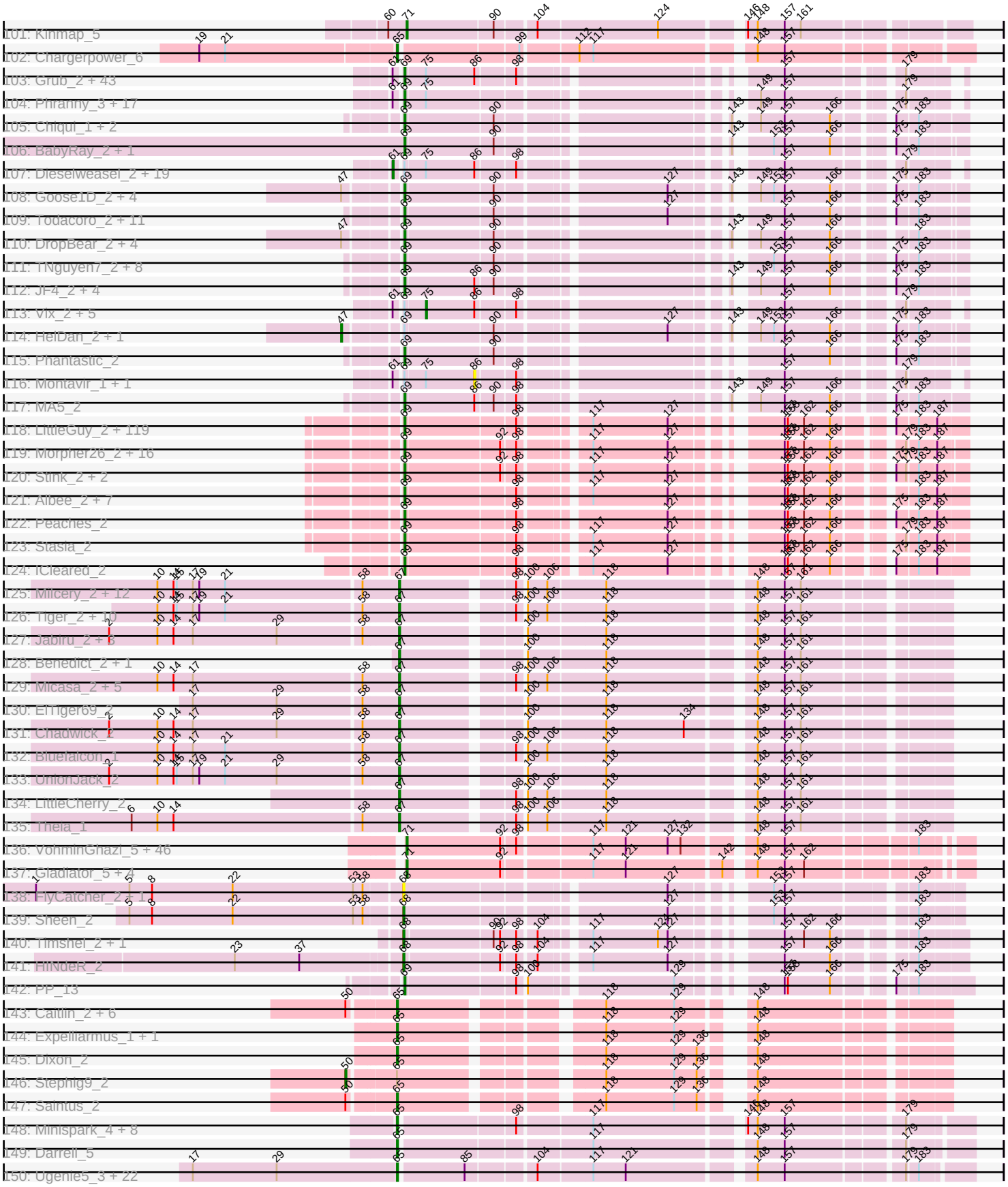
Pham 347011


1: Pita2_4 + 34
2: Nhonho_3 + 20
3: Zephyr_2 + 125
4: Euphoria_3 + 8
5: Fascinus_2 + 6
6: Alsiro_4 + 5
7: Michley_3 + 5
8: Rutherford_3 + 1
9: AFIS_3
10: Dexes_4 + 7
11: KyMonks1A_4 + 2
12: Pelly_4 + 7
13: BillKnuckles_3
14: PhrostyMug_2 + 4
15: Peterson_3 + 1
16: Magnar_3
17: Pepe_4 + 1
18: Sumter_3
19: Kugel_5
20: DustyMartin_2 + 3
21: Eaglepride_2
22: Goose_2 + 2
23: Kristoff_3 + 3
24: Chupacabra_2
25: Severus_2 + 6
26: Topanga_2
27: Wolpertinger_4 + 25
28: Bachome_5 + 1
29: Refuge_5 + 1
30: Zimmer_5
31: Steamy_5
32: Pharaoh_5
33: Phiel_2
34: SororFago_5
35: Sunnee_5
36: Luchador_5 + 1
37: Jeeves_5
38: Walts_5 + 16
39: Nedarya_5
40: Warrior24_5 + 2
41: DekHockey33_5 + 2
42: Anon_5
43: Elle_5
44: LogiBear_5
45: EagleEye_5 + 2
46: 40AC_6
47: MyraDee_2
48: Kimona_2
49: NicoleTera_5 + 2
50: Adzzy_5 + 1

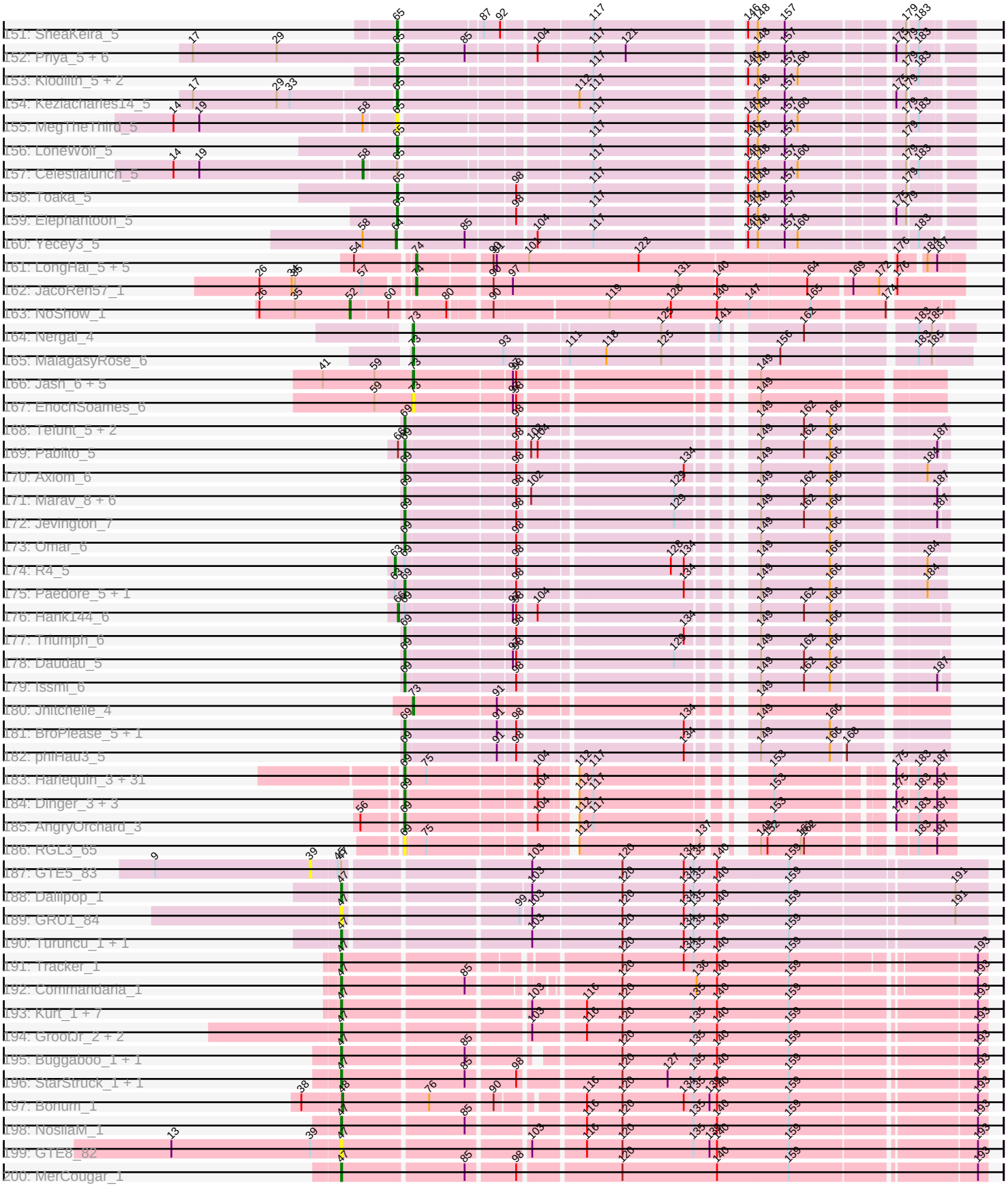
Pham 347011


51: AnnaL29_5
52: Loser_5
53: Bugsy_6 + 9
54: Flare16_6 + 13
55: ChipMunk_6 + 9
56: Journey13_5
57: DudeLittle_6 + 2
58: TarsusIV_6
59: Lokk_6 + 3
60: StarStuff_5 + 9
61: Phs_5
62: XianYue_5
63: Changeling_5
64: NothingSpecial_4
65: Caraxes_5 + 2
66: HippoHollow_5 + 1
67: C3_05 + 3
68: CRB1_5
69: Delons_5 + 3
70: Colin_5
71: 20ES_5 + 1
72: Kalpine_5
73: EvilGenius_6
74: SnapTap_6 + 1
75: L5_5 + 1
76: GaugeLDP_5 + 1
77: Anselm_6
78: IronMan_5 + 5
79: Heffalump_6 + 2
80: Jsquared_5 + 4
81: JoshKayV_6
82: WeiHuaDA_6
83: RedRock_5
84: Larenn_6 + 1
85: Pukovnik_5
86: ForesterFrank_5
87: Trooper_6
88: Prudy_5
89: TipsytheTRex_5
90: Trixie_5
91: Crucio_6
92: Iwokeuplikedis_6
93: Herbertwm_2
94: Acolyte_5
95: DeerParkTS_5
96: BiancaTM92_5 + 1
97: MissWhite_5
98: SwirlSquare_5
99: FatCactus_2
100: Anthony_2

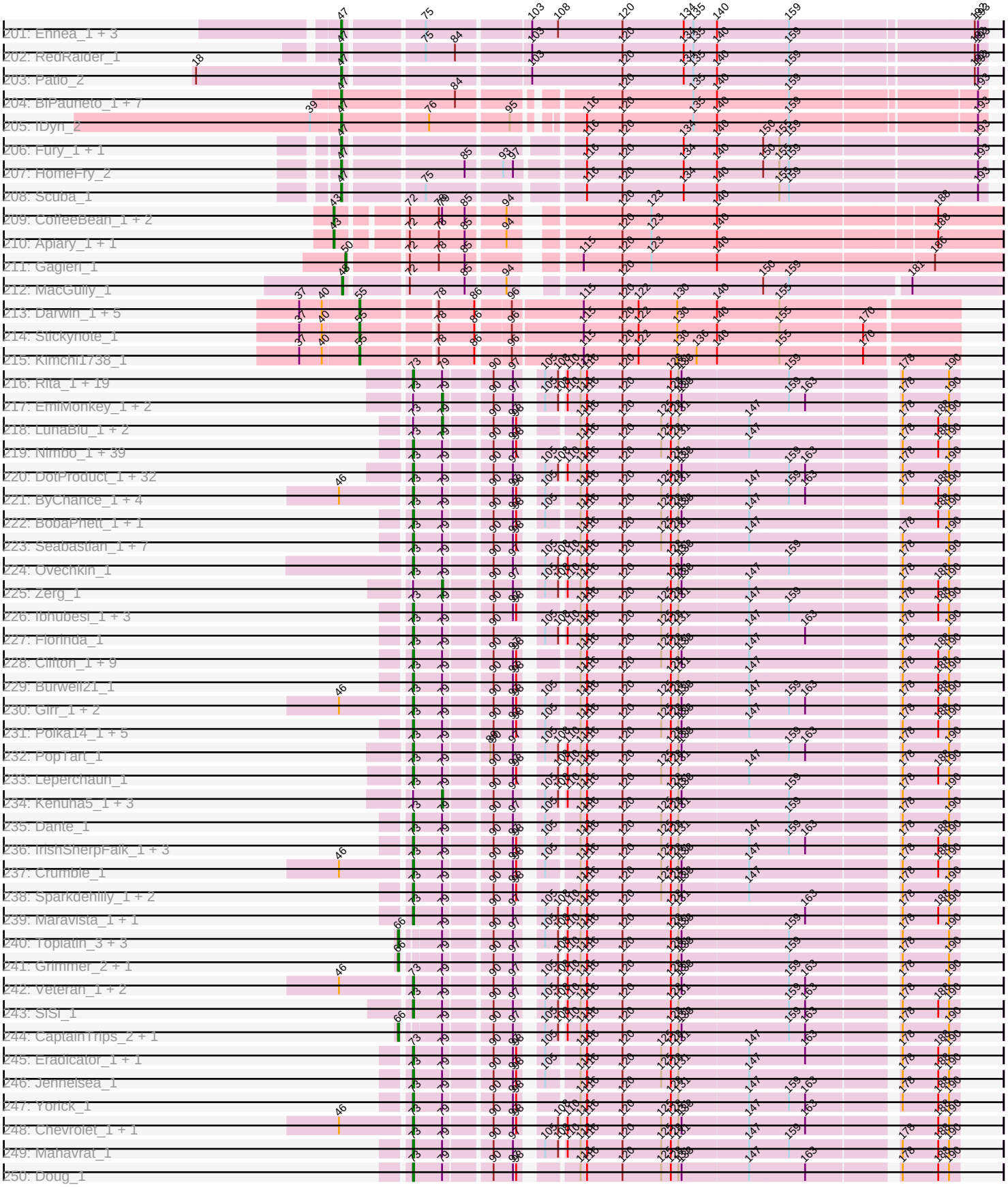
Pham 347011


I01: Kinmap_5
I02: Chargerpower_6
I03: Grub_2 + 43
I04: Phranny_3 + 17
I05: Chiqui_1 + 2
I06: BabyRay_2 + 1
I07: Dieselweasel_2 + 19
I08: Goose1D_2 + 4
I09: Todacoro_2 + 11
I10: DropBear_2 + 4
I11: TNguyen7_2 + 8
I12: JF4_2 + 4
I13: Vix_2 + 5
I14: HelDan_2 + 1
I15: Phantastic_2
I16: Montavir_1 + 1
I17: MA5_2
I18: LittleGuy_2 + 119
I19: Morpher26_2 + 16
I20: Stink_2 + 2
I21: Albee_2 + 7
I22: Peaches_2
I23: Stasia_2
I24: ICleared_2
I25: Milcery_2 + 12
I26: Tiger_2 + 10
I27: Jabiru_2 + 8
I28: Benedict_2 + 1
I29: Micasa_2 + 5
I30: ElTiger69_2
I31: Chadwick_2
I32: Bluefalcon_1
I33: UnionJack_2
I34: LittleCherry_2
I35: Thela_1
I36: VohminGhazi_5 + 46
I37: Gladiator_5 + 4
I38: FlyCatcher_2 + 1
I39: Sheen_2
I40: Timshel_2 + 1
I41: RiNdeR_2
I42: PP_13
I43: Caitlin_2 + 6
I44: Expelliarmus_1 + 1
I45: Dixon_2
I46: Stephig9_2
I47: Saintus_2
I48: Minispark_4 + 8
I49: Darrell_5
I50: Ogenie5_3 + 22

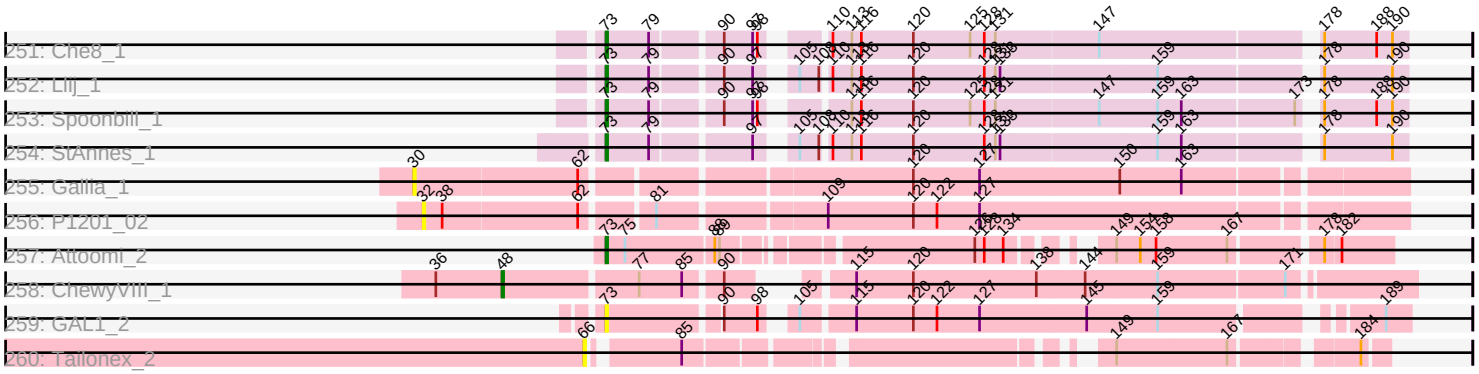
Pham 347011


151: SheaKeira_5
152: Priya_5 + 6
153: Kloolith_5 + 2
154: Kezlacharles14_5
155: MegTheThird_5
156: LoneWolf_5
157: Celestialunch_5
158: Toaka_5
159: Elephantoon_5
160: Yecey3_5
161: LongHai_5 + 5
162: JacoRen57_1
163: NoShow_1
164: Nergal_4
165: MalagasyRose_6
166: Jash_6 + 5
167: EnochSoames_6
168: Telunt_5 + 2
169: Pablito_5
170: Axiom_6
171: Marav_8 + 6
172: Jevington_7
173: Omar_6
174: R4_5
175: Paedore_5 + 1
176: Hank144_6
177: Triumph_6
178: Daudau_5
179: Issmi_6
180: Jhitchelle_4
181: BroPlease_5 + 1
182: phiHau3_5
183: Harlequin_3 + 31
184: Dinger_3 + 3
185: AngryOrchard_3
186: RGL3_65
187: GTE5_83
188: Dallipop_1
189: GRU1_84
190: Turuncu_1 + 1
191: Tracker_1
192: Commandaria_1
193: Kurt_1 + 7
194: GrootJr_2 + 2
195: Buggaboo_1 + 1
196: StarStruck_1 + 1
197: Bonum_1
198: NosilaM_1
199: GTE8_82
200: MerCougar_1

Pham 347011


201: Ennea_1 + 3
202: RedRaider_1
203: Patio_2
204: BiPaulneto_1 + 7
205: IDyn_2
206: Fury_1 + 1
207: HomeFry_2
208: Scuba_1
209: CoffeeBean_1 + 2
210: Apiary_1 + 1
211: Gagleri_1
212: MacGully_1
213: Darwin_1 + 5
214: Stickynote_1
215: Kimchi1738_1
216: Rita_1 + 19
217: EmiMonkey_1 + 2
218: LunaBlu_1 + 2
219: Nimbo_1 + 39
220: DotProduct_1 + 32
221: ByChance_1 + 4
222: BobaPhett_1 + 1
223: Seabastian_1 + 7
224: Ovechkin_1
225: Zerg_1
226: Ishubesi_1 + 3
227: Florinda_1
228: Clifton_1 + 9
229: Burwell21_1
230: Girr_1 + 2
231: Polka14_1 + 5
232: PopTart_1
233: Leperchaun_1
234: Kenuha5_1 + 3
235: Dante_1
236: IrishSherpFalk_1 + 3
237: Crumble_1
238: Sparkdehilly_1 + 2
239: Maravista_1 + 1
240: Toplatin_3 + 3
241: Grimmer_2 + 1
242: Veteran_1 + 2
243: SiSi_1
244: CaptainTrips_2 + 1
245: Eradicator_1 + 1
246: Jennelsea_1
247: Yorick_1
248: Chevrolet_1 + 1
249: Manavrat_1
250: Doug_1

Pham 347011


251: Che8_1
252: Lilj_1
253: Spoonbill_1
254: StAnnes_1
255: Gallia_1
256: P1201_02
257: Attoomi_2
258: ChewyVIII_1
259: GAL1_2
260: Tallonex_2

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 347011 Report

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

Pham number 347011 has 1243 members, 86 are drafts.

Phages represented in each track:
• Track 1 : Pita2_4, Ajay_3, DreamCatcher_4, Ciao_3, Greg_4, PSullivan_4, GrecoEtereo_4, Sagefire_4, Topgun_3, Fajezeel_4, Scowl_4, Pippin_4, HarryOW_4, Graduation_3, LunarLander_3, Adahisdi_3, Eyeball_3, Nerujay_3, Petp2012_4, Doom_3, ILeeKay_4, Cueylyss_3, Tote_4, Wilkins_3, Carlyle_4, KBG_3, Applejack_3, Swole_4, Bones_3, Watermelon_4, Pinto_3, Tripl3t_3, JuliaChild_4, Puppet_3, Acme_4
• Track 2 : Nhonho_3, Bigchungi_2, Homines_3, QTRlifeCrisis_2, ShortQueendom_2, Naira_2, Fushigi_3, Fenn_2, StewieG_2, IgnatiusPatJac_2, Abbyshoes_3, Blackflame_3, BluSpix_2, Kenmech_3, Snazzy_2, TheloniousMonk_3, Sanya_3, Marge_2, Wheeler_3, Ichabod_3, Dussy_3
• Track 3 : Zephyr_2, Jerm2_3, Paphu_2, Blesser_2, Gandalf20_3, Blue_4, PhineBark_2, ConceptII_3, Arlo_3, Monet_3, Barriga_3, Switzer_3, MPlant7149_3, CartmannCramer_2, Lesedi_2, ChristmasHams_3, Marsha_3, Tasp14_3, Ruotula_3, Corvo_3, BigMau_4, Turj99_2, Rufus_3, Ashballer_2, Bircsak_3, Bruns_2, GMonster_3, Dulcie_2, Bexan_2, Bob3_3, Zeuska_2, Zeeculate_2, Slagathor_3, ProMouse_2, PacerPaul_3, PascalRango_3, GroundGoblin_3, Abrogate_30, Museum_4, StrongArm_2, Marco3_2, Papez_3, HermioneGrange_3, Rohr_3, A6_02, Ringer_2, U2_3, RidgeCB_3, Buttons_3, Gachnar_3, Marcell_3, DrFeelGood_2, Bxb1_2, Crispicous1_2, Moose_2, Seabiscuit_3, EnzoK_2, DirtDevil_3, Marchy_3, Payneful_3, Thor_3, Agaliana_3, Phlippers_2, KikiBouba_3, MilleFeuille_2, Petruchio_3, Gompeii16_3, Lockley_3, Briton15_3, Trouble_2, Makemake_3, PinkPlastic_2, BPBiebs31_3, Levia_2, Dynamix_3, Kanely_4, Teodoridan_2, MetalQZJ_3, Ohno789_2, Magnito_2, DD5_3, Manatee_3, Lopton_3, Hermia_3, CactusRose_2, Kykar_2, Sorpresa_2, TwoPeat_3, BK1_02, Solon_2, LilBib_2, Burton_3, Target_3, Jorgensen_3, CatBus_3, Altman_4, Noxious_3, Norz_3, McGuire_3, Beatrix_2, Gwendoluna_2, Anglerfish_3, Lamina13_3, SwissCheese_2, Parliament_2, MaryBeth_3, Killigrew_2, Chanagan_3, Francis47_3, Oogway_2, Bethlehem_3, Aldrich_3, BeesKnees_3, Espresso_3, SarFire_3, Violet_3, Niza_4, Squee_2, Arcanine_3, Froghopper_3, JackSparrow_2, Rubeus_3, Sandaddy_2, Forsytheast_2, Rajelicia_3, KSSJEB_2
• Track 4 : Euphoria_3, Hami1_2, Alvin_4, BarrowTuph_2, Sunshine924_2, BaconJack_3, PowerRanger_2, NEHalo_3, Pari_3
• Track 5 : Fascinus_2, Edtherson_3, Treddle_3, Bigfoot_2, Mryolo_2, Maroc7_2, Rhynn_2
• Track 6 : Alsfro_4, Dreamboat_4, PherrisBueller_4, Jasper_4, STLscum_4, SkiPole_4
• Track 7 : Michley_3, Mkhuseli_3, Inyanga_3, Iqorha_3, MrGordo_3, Big3_3

• Track 8 : Rutherferd_3, Raid_4
• Track 9 : AFIS_3
• Track 10 : Dexes_4, BigPaolini_4, Gyzlar_4, Smeagol_3, Whitspit_4, Smairt_3, Seanderson_4, Licorice_5
• Track 11 : KyMonks1A_4, Atkinbua_3, McSinger_4
• Track 12 : Pelly_4, Molly_4, Traft412_5, Sibs6_4, PattyP_4, GageAP_4, SpikeBT_3, Hope4ever_3
• Track 13 : BillKnuckles_3
• Track 14 : PhrostyMug_2, Aeneas_2, Mule_2, Paraselene_2, Perseus_2
• Track 15 : Peterson_3, JC27_4
• Track 16 : Magnar_3
• Track 17 : Pepe_4, HanShotFirst_3
• Track 18 : Sumter_3
• Track 19 : Kugel_5
• Track 20 : DustyMartin_2, Edison31_2, Rowdy_2, Shapes_2
• Track 21 : Eaglepride_2
• Track 22 : Goose_2, RhynO_2, OKCentral2016_2
• Track 23 : Kristoff_3, Twister_2, WalterMcMickey_2, Rebeuca_3
• Track 24 : Chupacabra_2
• Track 25 : Severus_2, Drake94_2, KittenMittens_2, Poompha_2, PeaceMeal1_2, DontArgue_2, Trike_1
• Track 26 : Topanga_2
• Track 27 : Wolpertinger_4, MaCh_5, Sham4_5, Et2Brutus_4, Fibonacci_5, Ebony_5, Aneem_5, Jabith_5, Munch_5, Joselito_5, Gilberta_5, Lucivia_5, Kimba_5, Hutc2_5, TinyTimmy_5, Petersenfast_5, Timothy_5, Bowtie_5, Insomnia_5, Mabel_5, Orange_5, Salz_5, Flaverint_5, Saskia_5, Mulciber_5, Snape_5
• Track 28 : Bachome_5, Bud_5
• Track 29 : Refuge_5, DarthPhader_5
• Track 30 : Zimmer_5
• Track 31 : Steamy_5
• Track 32 : Pharaoh_5
• Track 33 : Phlei_2
• Track 34 : SororFago_5
• Track 35 : Sunhee_5
• Track 36 : Luchador_5, Gail_5
• Track 37 : Jeeves_5
• Track 38 : Waits_5, Epsocamisio_5, Nebulosus_5, Ravana_5, Switzerland_5, Strosahl_5, MinecraftSteve_6, JSwag_5, Boohoo_5, LastResort_5, Remus_5, Battleship_6, ReMo_5, Looper_5, Rosalind_5, Anaysia_5, Soups_5
• Track 39 : Nedarya_5
• Track 40 : Warrior24_5, Oofda_5
• Track 41 : DekHockey33_5, ShayRa_6, KatherineG_5
• Track 42 : Anon_5
• Track 43 : Elle_5
• Track 44 : LogiBear_5
• Track 45 : EagleEye_5, PainterBoy_5, Lucyedi_5
• Track 46 : 40AC_6
• Track 47 : MyraDee_2
• Track 48 : Kimona_2
• Track 49 : NicoleTera_5, EZMoney23_5, ArcherNM_5
• Track 50 : Adzzy_5, Che12_5
• Track 51 : AnnaL29_5
• Track 52 : Loser_5

• Track 53 : Bugsy_6, Agape74_6, Jerm_6, Dignity_6, LilTurb_6, Smeagan_6, AbbyPaige_6, Whabigail7_6, Leviathan_6, Turbido_6
• Track 54 : Flare16_6, WideWale_6, Sknot_6, Drake55_6, Terrific_6, NaSiaTalie_6, HarryHoudini_6, Equemioh13_6, Piro94_5, Gratitude_6, MiculUcigas_6, Centaur_6, Baehexic_6, Updawg_6
• Track 55 : ChipMunk_6, QueenBeesly_6, Retro23_6, SweetiePie_6, Georgie2_6, AN3_5, LadyBird_5, VA6_5, SemperFi_6, FiringLine_6
• Track 56 : Journey13_5
• Track 57 : DudeLittle_6, Dalmatian_6, KingCyrus_6
• Track 58 : TarsusIV_6
• Track 59 : Lokk_6, BobSwaget_6, Rachaly_6, Miko_6
• Track 60 : StarStuff_5, D32_5, Tomathan_5, Travvers_5, Kerberos_5, D29_5, DBQu4n_5, Naji_5, Duplo_5, Pomar16_5
• Track 61 : Ph8s_5
• Track 62 : XianYue_5
• Track 63 : Changeling_5
• Track 64 : NothingSpecial_4
• Track 65 : Caraxes_5, Superchunk_5, Odin_4
• Track 66 : HippoHollow_5, LionsBait_5
• Track 67 : C3_05, AN9_5, VC3_5, ANI8_5
• Track 68 : CRB1_5
• Track 69 : Deloris_5, Benvolio_6, BengiVuitton_5, Echild_6
• Track 70 : Colin_5
• Track 71 : 20ES_5, First_005
• Track 72 : Kalpine_5
• Track 73 : EvilGenius_6
• Track 74 : SnapTap_6, Power_6
• Track 75 : L5_5, Koduck_5
• Track 76 : GaugeLDP_5, BabyBack_5
• Track 77 : Anselm_6
• Track 78 : IronMan_5, Tristan_5, Landor_5, Phaded_5, Bactobuster_5, Jaan_5
• Track 79 : Heffalump_6, Fameo_6, QueenB2_6
• Track 80 : Jsquared_5, Quokka_4, Bradman_5, MajorMajor_4, Serenity_5
• Track 81 : JoshKayV_6
• Track 82 : WeiHuaDA_6
• Track 83 : RedRock_5
• Track 84 : Larenn_6, Malec_6
• Track 85 : Pukovnik_5
• Track 86 : ForesterFrank_5
• Track 87 : Trooper_6
• Track 88 : Prudy_5
• Track 89 : TipsytheTRex_5
• Track 90 : Trixie_5
• Track 91 : Crucio_6
• Track 92 : Iwokeuplikedis_6
• Track 93 : Herbertwm_2
• Track 94 : Acolyte_5
• Track 95 : DeerParkTS_5
• Track 96 : BiancaTri92_5, Leogania_5
• Track 97 : MissWhite_5
• Track 98 : SwirlSquare_5
• Track 99 : FatCactus_2
• Track 100 : Anthony_2

• Track 101 : Kinmap_5
• Track 102 : Chargerpower_6
• Track 103 : Grub_2, Grif_2, BreSam8_2, GingkoMaracino_2, LarryKay_2, Louie6_2, TinyPebbles_2, Soshari_4, SoilDragon_2, BuzzBuzz_1, Sabinator_2, Aglet_2, Bigflo_2, LBerry_2, Phoebe_2, Gwennie_2, Grum1_2, Stagni_2, MadMarie_2, StepMih_2, Colbster_2, Mainiac_2, EpicPhail_2, Ollie_2, Daishi_2, PGHhamlin_4, Beauxregard13_2, Penny1_2, GtownJaz_2, Snickers_2, Zetzy_2, Misomonster_4, MuchMore_4, SoYo_2, Watson_2, KADY_3, AugsMagnumOpus_4, Lowa_2, LugYA_4, Pembroke_2, Rummer_2, Wooldri_4, HashRod_3, PotatoSplit_3
• Track 104 : Phranny_3, Gemma_2, Kalnoky_3, PurpleHaze_2, Manu_3, OlanP_2, Reba_3, Kalb97_3, JeppNRM_3, Pawn_2, HaveUMetTed_3, Groupthink_3, ClownCar_2, PhishRPhriends_2, Marius_3, Calvinny_2, Heliosoles_2, ACFishhook_2
• Track 105 : Chiqui_1, Isca_2, BabyJohn_1
• Track 106 : BabyRay_2, Cat_1
• Track 107 : Dieselweasel_2, Tiffany_2, Taurus_2, Methuselah_2, Cullens_2, Fernando_2, MoneyMay_2, Sabia_2, Microwolf_2, Marie_2, DaHudson_2, Bxz2_2, MarQuardt_2, AgronaGT15_2, Jobu08_2, P28Green_2, Malinsilva_4, JenCasNa_2, Anubis_4, Hercules11_2
• Track 108 : Goose1D_2, Goose1X_2, Shep_2, Kachowdy_2, Roimos_2
• Track 109 : Todacoro_2, Veracruz_1, QuinnKiro_1, ResDef_2, Hookmount_2, Norbert_1, EtoileNova_1, Noella_2, Pocahontas_2, Lambert1_2, Texage_1, Margo_2
• Track 110 : DropBear_2, Marchesa_2, Scout_2, Fred313_2, Zarafa_2
• Track 111 : TNguyen7_2, Clammy_2, Puppy_2, Bugatti_2, SaturnRing_1, BlueBird_2, Giroux_2, Idleandcovert_1, Pistachio_2
• Track 112 : JF4_2, JF2_2, Rockstar_2, B1_01, MK4_2
• Track 113 : Vix_2, Phoxy_2, JHC117_2, Spike509_2, Farber_2, Lilith_2
• Track 114 : HelDan_2, Heathen_2
• Track 115 : Phantastic_2
• Track 116 : Montavir_1, Croquant_3
• Track 117 : MA5_2
• Track 118 : LittleGuy_2, Huxley_2, Maxo_2, HamSlice_1, Kampy_2, Lorenzo_2, TroyPia_2, Sultana_2, Commander_2, Sabertooth_2, Clarenza_2, CentreCat_2, Cintron_2, Holli_2, Florean_2, Connomayer_2, Nyxis_2, Kratark_2, Kremtemulon_2, Pumbaa_2, Taquarus_2, Eros_2, Junimo_1, Maverick_2, Bombshell_2, Melvin_2, Kingmustik0402_2, Avle17_2, BellusTerra_2, Phighter1804_2, DirtyDunning_2, Annyong_2, Koreni_2, Shaka_2, Iracema64_2, Eagle_1, Ulysses_2, MeeZee_2, OKaNui_2, Millski_2, JetBlade_2, KFPoly_2, Buckaroo_1, Eris_2, Ohfah_2, TygerBlood_2, Alberto7_2, Gadost_2, NorthStar_2, Baby16_2, Camperdownii_2, Wilbur_2, Flux_2, Blackmoor_2, Mayonnaise_2, Iceman_2, Relief_2, Pipcraft_2, Citius_2, Polymorphads_2, Palestino_2, Medusa_2, Wander_2, LeoAvram_2, Eapen_2, Sparxx_2, Caelakin_2, Arturo_1, Rosa24_1, Kyee_2, TinaFeyge_2, Koan_2, Ruin_2, Chaph_2, Bartimeaus_2, Nebs_2, Phelipe_2, JoongJeon_2, Spino_2, Roosevelt_2, Funston_2, KekoraPapaka_1, Northrop_2, LochMonster_2, Wizard007_2, Nemo27_2, Dhanush_2, Bruiser_2, SenorClean_2, Cocoaberry_2, Rocksand_2, Scamp_2, PeterPeter_2, Lunsford_2, Houdini22_2, Tinybot_1, BubbleTrouble_2, Broseidon_2, RockieBear_2, Jaykayelowell_2, Lemur_2, Burger_1, Romney_2, NotAPhaseMom_2, TiroTheta9_2, Skipitt_2, SteMason_2, Druantia_2, Eurydice_2, Skadoosh_2, Thanksgivukkah_2, YoSam321_2, Mazhar510_2, Morrow_2, LappelDuVide_2, Happiness_2, Deano_2, Abdiel_2, Phacado_2, LittleB_2
• Track 119 : Morpher26_2, Datway_2, Wile_2, Cindaradix_2, Badger_2, PetiteSangsue_2, Katalie136_2, Cici_2, Shygu2_2, Backyardigan_2, Achebe_2, Perplexer_2, Bumblebee11_2, Mundrea_2, Xena_2, Noelle_2, AbbysRanger_2
• Track 120 : Stink_2, AvatarAhPeg_2, Miramae_2

• Track 121 : Albee_2, SheldonCooper_2, Obama12_2, Phontbonne_2, ChampagnePapi_2, LHTSCC_2, Cerulean_2, BangNhom_1
• Track 122 : Peaches_2
• Track 123 : Stasia_2
• Track 124 : ICleared_2
• Track 125 : Milcery_2, Cuco_2, Coog_2, Florence1_2, Bonamassa_2, George_1, HuhtaEnerson15_2, Prinashe11_2, Florence4_2, Swirley_2, Tarynearal_1, Midas2_2, Twigg_2
• Track 126 : Tiger_2, AgentM_2, Lev2_2, Discoknowium_2, PickleBack_2, Jovo_2, Phlorence_2, Conspiracy_2, ForGetIt_2, Aragog_2, Archetta_2
• Track 127 : Jabiru_2, PetterN_2, Airmid_2, Naca_2
• Track 128 : Benedict_2, Scorpia_2
• Track 129 : Micasa_2, SydNat_2, Zolita_1, MarysWell_1, Ghoulboy_2, Dublin_1
• Track 130 : ElTiger69_2
• Track 131 : Chadwick_2
• Track 132 : Bluefalcon_1
• Track 133 : UnionJack_2
• Track 134 : LittleCherry_2
• Track 135 : Theia_1
• Track 136 : VohminGhazi_5, GreedyLawyer_5, Dorothea_5, Indra_5, DaVinci_5, DelvinSonDorr_4, CloudWang3_5, Garak_5, BennyP_5, Helmet_5, Chartreuse_5, EricB_5, Artemis2UCLA_5, BlessJoy_5, BABullseye_5, Isiphiwo_5, SuperCallie99_5, WunderPhul_5, Imbriano_5, Lilbunny_5, Wiks_5, Kipper29_5, Cookiedough_5, Jeffabunny_5, Zulu_5, Tucker_5, McFly_5, SuperAwesome_5, SmellyB_5, Temprado_5, Jordennis_5, Yokurt_5, Priamo_5, Candra_5, Roksolana_5, JewelBug_5, Hexamo_5, Zaka_5, Hoot_5, Koko_5, Pmask_5, ToneTone_4, Kazan_5, Newrala_5, Neeharika16_5, Polyphemus_5, Blinn1_5
• Track 137 : Gladiator_5, Rifter_5, Gruunaga_5, Hammer_5, Blue7_5
• Track 138 : FlyCatcher_2, Toro_2
• Track 139 : Sheen_2
• Track 140 : Timshel_2, DroogsArmy_2
• Track 141 : HINdeR_2
• Track 142 : PP_13
• Track 143 : Caitlin_2, Phillis_2, Smeadley_2, Astro_2, NearlyHeadless_2, Danforth_1, Roary_2
• Track 144 : Expelliarmus_1, Groundhog_1
• Track 145 : Dixon_2
• Track 146 : Stephig9_2
• Track 147 : Saintus_2
• Track 148 : Minispark_4, Maminiaina_5, Vanisoa_5, Bellris_5, Rahalelujah_5, WorldCup_4, CogOmlette_4, BogosyJay_5, Arissanae_5
• Track 149 : Darrell_5
• Track 150 : Ugenie5_3, ExplosioNervosa_5, Phaeder_5, Tubs_5, Aliter_5, EdogawaKiddo_5, EmyBug_5, Beemo_5, Jiawan_5, Pioneer_5, Hanray_5, Myxus_5, Catalina_5, Scherzo_5, Lilleskat_5, PackMan_5, Phonnegut_5, HortumSL17_5, RyeScarlet_5, Holex_5, Fayely_5, Ayanochan_5, Sachima_5
• Track 151 : SheaKeira_5
• Track 152 : Priya_5, Conquerage_5, Eidsmoe_5, Qobbit_5, Alma_5, Spouty_5, Onglai_5
• Track 153 : Klodlith_5, Charm_5, DreamTeam1_5
• Track 154 : Keziacharles14_5
• Track 155 : MegTheThird_5
• Track 156 : LoneWolf_5

• Track 157 : Celestialunch_5
• Track 158 : Toaka_5
• Track 159 : Elephantoon_5
• Track 160 : Yecey3_5
• Track 161 : LongHai_5, Maco6_2, Salvus_5, FF47_04, 8UZL_4, Muddy_4
• Track 162 : JacoRen57_1
• Track 163 : NoShow_1
• Track 164 : Nergal_4
• Track 165 : MalagasyRose_6
• Track 166 : Jash_6, Eddasa_6, Izzy_6, BryanRecycles_6, Oliynyk_6, Rusticus_6
• Track 167 : EnochSoames_6
• Track 168 : Tefunt_5, Caelum_6, Superstar_6
• Track 169 : Pablito_5
• Track 170 : Axiom_6
• Track 171 : Marav_8, Bowden_6, TinaBelcher_5, TrvxScott_4, Puginator_7, Thestral_6, BartholomewSD_7
• Track 172 : Jevington_7
• Track 173 : Omar_6
• Track 174 : R4_5
• Track 175 : Paedore_5, Loofah_6
• Track 176 : Hank144_6
• Track 177 : Triumph_6
• Track 178 : Daudau_5
• Track 179 : Issmi_6
• Track 180 : Jhitchelle_4
• Track 181 : BroPlease_5, GreenWeasel_5
• Track 182 : phiHau3_5
• Track 183 : Harlequin_3, PhailMary_3, Lillie_3, Belenaria_3, Bradshaw_3, Bryce_3, Gollum_3, Krishelle_3, BobbyDazzler_3, Swann_3, Shuman_3, Erik_3, Nancinator_3, Rasputin_3, Yoncess_3, Espica_3, TWAMP_3, Alpacados_3, RER2_66, Bonanza_3, UhSalsa_3, Alatin_3, Naiad_3, CosmicSans_3, RexFury_3, Yogi_3, StCroix_3, Natosaleda_3, Phrankenstein_3, Rhodalysa_3, Jester_3, Hiro_3
• Track 184 : Dinger_3, Takoda_3, AppleCloud_2, Partridge_3
• Track 185 : AngryOrchard_3
• Track 186 : RGL3_65
• Track 187 : GTE5_83
• Track 188 : Dalilpop_1
• Track 189 : GRU1_84
• Track 190 : Turuncu_1, Flapper_1
• Track 191 : Tracker_1
• Track 192 : Commandaria_1
• Track 193 : Kurt_1, Jifall16_1, KidneyBean_1, Emianna_1, Phomeo_1, Arti_1, Wheezy_1, Foxboro_1
• Track 194 : GrootJr_2, NatB6_2, NovumRegina_2
• Track 195 : Buggaboo_1, SuperSulley_1
• Track 196 : StarStruck_1, Outis_1
• Track 197 : Bonum_1
• Track 198 : NosilaM_1
• Track 199 : GTE8_82
• Track 200 : MerCougar_1
• Track 201 : Ennea_1, Lollipop1437_1, Float294_1, Skysand_1
• Track 202 : RedRaider_1
• Track 203 : Patio_2

• Track 204 : BiPauneto_1, HubbaBubba_1, Marietta_1, NadineRae_1, Sukkupi_1, Yndexa_1, WhoseManz_1, Pemberton_1
• Track 205 : IDyn_2
• Track 206 : Fury_1, Pleakley_1
• Track 207 : HomeFry_2
• Track 208 : Scuba_1
• Track 209 : CoffeeBean_1, Braxoaddie_1, Maselop_1
• Track 210 : Apiary_1, Polyyuki_1
• Track 211 : Gagieri_1
• Track 212 : MacGully_1
• Track 213 : Darwin_1, PotatoChip_1, C3PO_1, PeteyPab_1, Cruella_1, Zion_1
• Track 214 : Stickynote_1
• Track 215 : Kimchi1738_1
• Track 216 : Rita_1, Firehouse51_1, Sabbb_1, MulchSalad_1, PMC_1, Batiatus_1, DillTech15_1, MadMen_1, EleanorGeorge_1, Donkeykong_1, QuickMath_1, Phasih_1, Taj_1, Sandalphon_1, Jant_1, Whatsapiecost_1, Ardmore_1, Rockne_1, KingJulian_1, Filuzino_1
• Track 217 : EmiMonkey_1, Fastidio_1, PatoPoderoso_1
• Track 218 : LunaBlu_1, Mwanjiwa_1, Violac_1
• Track 219 : Nimbo_1, Scottish_1, KingMidas_1, Eish_1, Wachhund_1, Saal_1, Dorothy_1, Empress_1, OldBen_1, Latretium_1, BlueCrab_1, Geralt_1, Inventum_1, Hlubikazi_1, Sassafras_1, Gorge_1, SeaLumen_1, DaddyRickover_1, VRedHorse_1, Galactic_1, Mattes_1, RedBird_1, Brocalys_1, Radiance_1, RitaG_1, Vivum_1, BodEinwohner17_1, Doomphist_1, Estave1_1, Deb65_1, NewHope4_1, Strokeseat_1, PHappiness_1, Pacc40_1, Polo2Bam_1, JoeyJr_1, Mandlovu_1, Daenerys_1, Enzomatic_1, Poenanya_1
• Track 220 : DotProduct_1, Guppsters_1, Clank_1, Phanphagia_1, Hades_1, Shauna1_1, XFactor_1, SuperGrey_1, Bipolar_1, Melissauren88_1, GigiOuiOui_1, DLane_1, Fruitloop_1, Aubs_1, Mantra_1, Royals2015_1, PhesterPhotato_1, SG4_1, Blexus_1, Bubbles123_1, DoRead_1, Mutaforma13_1, Wee_1, Chuckly_1, Gandalph_1, DeadP_1, Hamulus_1, Zizzle_1, ShroomBoi_1, Emma_1, SassyB_1, Tweety_1, PhlipPhlop_1
• Track 221 : ByChance_1, Lizziana_1, SwagPigglett_1, Martik_1, ShowerHandel_1
• Track 222 : BobaPhett_1, James_1
• Track 223 : Seabastian_1, Modragons_1, Ochi17_1, Llama_1, AlpineSix_1, OfUltron_1, Nichirin_1, Jinglebell_1
• Track 224 : Ovechkin_1
• Track 225 : Zerg_1
• Track 226 : Ibhubesi_1, Harley_1, Whouxphf_1, Fancypants_1
• Track 227 : Florinda_1
• Track 228 : Clifton_1, Cabrinians_1, Pippy_1, FreddyB_1, Koella_1, LastJedi_1, Cheesepuff_1, OlympiaSaint_1, NormanBulbieJr_1, Priscilla_1
• Track 229 : Burwell21_1
• Track 230 : Girr_1, MisterCuddles_1, Ruby_1
• Track 231 : Polka14_1, Nivrat_1, Philus_1, LilMoolah_1, ShiLan_1, Jarcob_1
• Track 232 : PopTart_1
• Track 233 : Leperchaun_1
• Track 234 : Kenuha5_1, Corium_1, Minnie_1, Medindi_1
• Track 235 : Dante_1
• Track 236 : IrishSherpFalk_1, Spartacus_1, Kersh_1, WillSterrel_1
• Track 237 : Crumble_1
• Track 238 : Sparkdehlily_1, TDanisky_1, DRBy19_1
• Track 239 : Maravista_1, Phatniss_1

• Track 240 : Topiatin_3, MilleniumForce_2, MilanaBonita_2, Akhila_2
• Track 241 : Grimmer_2, Nitzel_2
• Track 242 : Veteran_1, Karhdo_1, GUmbie_1
• Track 243 : SiSi_1
• Track 244 : CaptainTrips_2, KristaRAM_2
• Track 245 : Eradicator_1, Moonbeam_1
• Track 246 : Jennelsea_1
• Track 247 : Yorick_1
• Track 248 : Chevrolet_1, ArcusAngelus_1
• Track 249 : Mahavrat_1
• Track 250 : Doug_1
• Track 251 : Che8_1
• Track 252 : Llij_1
• Track 253 : Spoonbill_1
• Track 254 : StAnnes_1
• Track 255 : Gallia_1
• Track 256 : P1201_02
• Track 257 : Attoomi_2
• Track 258 : ChewyVIII_1
• Track 259 : GAL1_2
• Track 260 : Tailonex_2

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

The start number called the most often in the published annotations is 69, it was called in 314 of the 1157 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ACFishhook_2, AbbysRanger_2, Abdiel_2, Achebe_2, Aglet_2, Alatin_3, Albee_2, Alberto7_2, Alpacados_3, AngryOrchard_3, Annyong_2, Anthony_2, AppleCloud_2, Arturo_1, AugsMagnumOpus_4, AvatarAhPeg_2, Avle17_2, Axiom_6, B1_01, Baby16_2, BabyJohn_1, BabyRay_2, Backyardigan_2, Badger_2, BangNhom_1, BartholomewSD_7, Bartimeaus_2, Beauxregard13_2, Belenaria_3, BellusTerra_2, Bigflo_2, Blackmoor_2, BlueBird_2, BobbyDazzler_3, Bombshell_2, Bonanza_3, Bowden_6, Bradshaw_3, BreSam8_2, BroPlease_5, Broseidon_2, Bruiser_2, Bryce_3, BubbleTrouble_2, Buckaroo_1, Bugatti_2, Bumblebee11_2, Burger_1, BuzzBuzz_1, Caelakin_2, Caelum_6, Calvinny_2, Camperdownii_2, Cat_1, CentreCat_2, Cerulean_2, ChampagnePapi_2, Chaph_2, Chiqui_1, Cici_2, Cindaradix_2, Cintron_2, Citius_2, Clammy_2, Clarenza_2, ClownCar_2, Cocoaberry_2, Colbster_2, Commander_2, Connomayer_2, CosmicSans_3, Daishi_2, Datway_2, Daudau_5, Deano_2, Dhanush_2, Dinger_3, DirtyDunning_2, DontArgue_2, Drake94_2, DropBear_2, Druantia_2, DustyMartin_2, Eagle_1, Eapen_2, Edison31_2, EpicPhail_2, Erik_3, Eris_2, Eros_2, Espica_3, EtoileNova_1, Eurydice_2, FatCactus_2, Florean_2, Flux_2, Fred313_2, Funston_2, Gadost_2, Gemma_2, GingkoMaracino_2, Giroux_2, Gollum_3, Goose1D_2, Goose1X_2, Goose_2, GreenWeasel_5, Grif_2, Groupthink_3, Grub_2, Grum1_2, GtownJaz_2, Gwennie_2, HamSlice_1, Happiness_2, Harlequin_3, HashRod_3, HaveUMetTed_3, Heliosoles_2, Hiro_3, Holli_2, Hookmount_2, Houdini22_2, Huxley_2, ICleared_2, Iceman_2, Idleandcovert_1, Iracema64_2, Isca_2, Issmi_6, JF2_2, JF4_2, Jaykayelowell_2, JeppNRM_3, Jester_3, JetBlade_2, Jevington_7, JoongJeon_2,

Junimo_1, KADY_3, KFPoly_2, Kachowdy_2, Kalb97_3, Kalnoky_3, Kampy_2, Katalie136_2, KekoraPapaka_1, Kimona_2, Kingmustik0402_2, KittenMittens_2, Koan_2, Koreni_2, Kratark_2, Kremtemulon_2, Krishelle_3, Kristoff_3, Kyee_2, LBerry_2, LHTSCC_2, Lambert1_2, LappelDuVide_2, LarryKay_2, Lemur_2, LeoAvram_2, Lillie_3, LittleB_2, LittleGuy_2, LochMonster_2, Loofah_6, Lorenzo_2, Louie6_2, Lowa_2, LugYA_4, Lunsford_2, MA5_2, MK4_2, MadMarie_2, Mainiac_2, Manu_3, Marav_8, Marchesa_2, Margo_2, Marius_3, Maverick_2, Maxo_2, Mayonnaise_2, Mazhar510_2, Medusa_2, MeeZee_2, Melvin_2, Millski_2, Miramae_2, Misomonster_4, Morpher26_2, Morrow_2, MuchMore_4, Mundrea_2, Naiad_3, Nancinator_3, Natosaleda_3, Nebs_2, Nemo27_2, Noella_2, Noelle_2, Norbert_1, NorthStar_2, Northrop_2, NotAPhaseMom_2, Nyxis_2, OKCentral2016_2, OKaNui_2, Obama12_2, Ohfah_2, OlanP_2, Ollie_2, Omar_6, PGHhamlin_4, PP_13, Pablito_5, Paedore_5, Palestino_2, Partridge_3, Pawn_2, PeaceMeal1_2, Peaches_2, Pembroke_2, Penny1_2, Perplexer_2, PeterPeter_2, PetiteSangsue_2, Phacado_2, PhailMary_3, Phantastic_2, Phelipe_2, Phighter1804_2, PhishRPhriends_2, Phoebe_2, Phontbonne_2, Phrankenstein_3, Phranny_3, Pipcraft_2, Pistachio_2, Pocahontas_2, Polymorphads_2, Poompha_2, PotatoSplit_3, Puginator_7, Pumbaa_2, Puppy_2, PurpleHaze_2, QuinnKiro_1, RER2_66, RGL3_65, Rasputin_3, Reba_3, Rebeuca_3, Relief_2, ResDef_2, RexFury_3, Rhodalysa_3, RhynO_2, RockieBear_2, Rocksand_2, Rockstar_2, Roimos_2, Romney_2, Roosevelt_2, Rosa24_1, Rowdy_2, Ruin_2, Rummer_2, Sabertooth_2, Sabinator_2, SaturnRing_1, Scamp_2, Scout_2, SenorClean_2, Severus_2, Shaka_2, Shapes_2, SheldonCooper_2, Shep_2, Shuman_3, Shygu2_2, Skadoosh_2, Skipitt_2, Snickers_2, SoYo_2, SoilDragon_2, Soshari_4, Sparxx_2, Spino_2, StCroix_3, Stagni_2, Stasia_2, SteMason_2, StepMih_2, Stink_2, Sultana_2, Superstar_6, Swann_3, TNguyen7_2, TWAMP_3, Takoda_3, Taquarus_2, Tefunt_5, Texage_1, Thanksgivukkah_2, Thestral_6, TinaBelcher_5, TinaFeyge_2, TinyPebbles_2, Tinybot_1, TiroTheta9_2, Todacoro_2, Topanga_2, Trike_1, Triumph_6, TroyPia_2, TrvxScott_4, Twister_2, TygerBlood_2, UhSalsa_3, Ulysses_2, Veracruz_1, WalterMcMickey_2, Wander_2, Watson_2, Wilbur_2, Wile_2, Wizard007_2, Wooldri_4, Xena_2, YoSam321_2, Yogi_3, Yoncess_3, Zarafa_2, Zetzy_2, phiHau3_5,

Genes that have the "Most Annotated" start but do not call it:
• AgronaGT15_2, Anubis_4, Bxz2_2, Chupacabra_2, Croquant_3, Cullens_2, DaHudson_2, Dieselweasel_2, Eaglepride_2, Farber_2, Fernando_2, Hank144_6, Heathen_2, HelDan_2, Hercules11_2, JHC117_2, JenCasNa_2, Jobu08_2, Lilith_2, Malinsilva_4, MarQuardt_2, Marie_2, Methuselah_2, Microwolf_2, MoneyMay_2, Montavir_1, MyraDee_2, P28Green_2, Phoxy_2, R4_5, Sabia_2, Spike509_2, Taurus_2, Tiffany_2, Vix_2,

Genes that do not have the "Most Annotated" start:
• 20ES_5, 40AC_6, 8UZL_4, A6_02, AFIS_3, AN3_5, AN9_5, ANI8_5, AbbyPaige_6, Abbyshoes_3, Abrogate_30, Acme_4, Acolyte_5, Adahisdi_3, Adzzy_5, Aeneas_2, Agaliana_3, Agape74_6, AgentM_2, Airmid_2, Ajay_3, Akhila_2, Aldrich_3, Aliter_5, Alma_5, AlpineSix_1, Alsfro_4, Altman_4, Alvin_4, Anaysia_5, Aneem_5, Anglerfish_3, AnnaL29_5, Anon_5, Anselm_6, Apiary_1, Applejack_3, Aragog_2, Arcanine_3, ArcherNM_5, Archetta_2, ArcusAngelus_1, Ardmore_1, Arissanae_5, Arlo_3, Artemis2UCLA_5, Arti_1, Ashballer_2, Astro_2, Atkinbua_3, Attoomi_2, Aubs_1, Ayanochan_5, BABullseye_5, BK1_02, BPBiebs31_3, BabyBack_5, Bachome_5, BaconJack_3, Bactobuster_5, Baehexic_6, Barriga_3, BarrowTuph_2, Batiatus_1, Battleship_6, Beatrix_2, Beemo_5, BeesKnees_3, Bellris_5, Benedict_2, BengiVuitton_5, BennyP_5, Benvolio_6, Bethlehem_3, Bexan_2, BiPauneto_1,

BiancaTri92_5, Big3_3, BigMau_4, BigPaolini_4, Bigchungi_2, Bigfoot_2, BillKnuckles_3, Bipolar_1, Bircsak_3, Blackflame_3, BlessJoy_5, Blesser_2, Blexus_1, Blinn1_5, BluSpix_2, Blue7_5, BlueCrab_1, Blue_4, Bluefalcon_1, Bob3_3, BobSwaget_6, BobaPhett_1, BodEinwohner17_1, BogosyJay_5, Bonamassa_2, Bones_3, Bonum_1, Boohoo_5, Bowtie_5, Bradman_5, Braxoaddie_1, Briton15_3, Brocalys_1, Bruns_2, BryanRecycles_6, Bubbles123_1, Bud_5, Buggaboo_1, Bugsy_6, Burton_3, Burwell21_1, Buttons_3, Bxb1_2, ByChance_1, C3PO_1, C3_05, CRB1_5, Cabrinians_1, CactusRose_2, Caitlin_2, Candra_5, CaptainTrips_2, Caraxes_5, Carlyle_4, CartmannCramer_2, CatBus_3, Catalina_5, Celestialunch_5, Centaur_6, Chadwick_2, Chanagan_3, Changeling_5, Chargerpower_6, Charm_5, Chartreuse_5, Che12_5, Che8_1, Cheesepuff_1, Chevrolet_1, ChewyVIII_1, ChipMunk_6, ChristmasHams_3, Chuckly_1, Ciao_3, Clank_1, Clifton_1, CloudWang3_5, CoffeeBean_1, CogOmlette_4, Colin_5, Commandaria_1, ConceptII_3, Conquerage_5, Conspiracy_2, Coog_2, Cookiedough_5, Corium_1, Corvo_3, Crispicous1_2, Crucio_6, Cruella_1, Crumble_1, Cuco_2, Cueylyss_3, D29_5, D32_5, DBQu4n_5, DD5_3, DLane_1, DRBy19_1, DaVinci_5, DaddyRickover_1, Daenerys_1, Dalilpop_1, Dalmatian_6, Danforth_1, Dante_1, Darrell_5, DarthPhader_5, Darwin_1, DeadP_1, Deb65_1, DeerParkTS_5, DekHockey33_5, Deloris_5, DelvinSonDorr_4, Dexes_4, Dignity_6, DillTech15_1, DirtDevil_3, Discoknowium_2, Dixon_2, DoRead_1, Donkeykong_1, Doom_3, Doomphist_1, Dorothea_5, Dorothy_1, DotProduct_1, Doug_1, DrFeelGood_2, Drake55_6, DreamCatcher_4, DreamTeam1_5, Dreamboat_4, DroogsArmy_2, Dublin_1, DudeLittle_6, Dulcie_2, Duplo_5, Dussy_3, Dynamix_3, EZMoney23_5, EagleEye_5, Ebony_5, Echild_6, Eddasa_6, EdogawaKiddo_5, Edtherson_3, Eidsmoe_5, Eish_1, ElTiger69_2, EleanorGeorge_1, Elephantoon_5, Elle_5, EmiMonkey_1, Emianna_1, Emma_1, Empress_1, EmyBug_5, Ennea_1, EnochSoames_6, EnzoK_2, Enzomatic_1, Epsocamisio_5, Equemioh13_6, Eradicator_1, EricB_5, Espresso_3, Estave1_1, Et2Brutus_4, Euphoria_3, EvilGenius_6, Expelliarmus_1, ExplosioNervosa_5, Eyeball_3, FF47_04, Fajezeel_4, Fameo_6, Fancypants_1, Fascinus_2, Fastidio_1, Fayely_5, Fenn_2, Fibonacci_5, Filuzino_1, Firehouse51_1, FiringLine_6, First_005, Flapper_1, Flare16_6, Flaverint_5, Float294_1, Florence1_2, Florence4_2, Florinda_1, FlyCatcher_2, ForGetIt_2, ForesterFrank_5, Forsytheast_2, Foxboro_1, Francis47_3, FreddyB_1, Froghopper_3, Fruitloop_1, Fury_1, Fushigi_3, GAL1_2, GMonster_3, GRU1_84, GTE5_83, GTE8_82, GUmbie_1, Gachnar_3, GageAP_4, Gagieri_1, Gail_5, Galactic_1, Gallia_1, Gandalf20_3, Gandalph_1, Garak_5, GaugeLDP_5, George_1, Georgie2_6, Geralt_1, Ghoulboy_2, GigiOuiOui_1, Gilberta_5, Girr_1, Gladiator_5, Gompeii16_3, Gorge_1, Graduation_3, Gratitude_6, GrecoEtereo_4, GreedyLawyer_5, Greg_4, Grimmer_2, GrootJr_2, GroundGoblin_3, Groundhog_1, Gruunaga_5, Guppsters_1, Gwendoluna_2, Gyzlar_4, HINdeR_2, Hades_1, Hami1_2, Hammer_5, Hamulus_1, HanShotFirst_3, Hanray_5, Harley_1, HarryHoudini_6, HarryOW_4, Heffalump_6, Helmet_5, Herbertwm_2, Hermia_3, HermioneGrange_3, Hexamo_5, HippoHollow_5, Hlubikazi_1, Holex_5, HomeFry_2, Homines_3, Hoot_5, Hope4ever_3, HortumSL17_5, HubbaBubba_1, HuhtaEnerson15_2, Hutc2_5, IDyn_2, ILeeKay_4, Ibhubesi_1, Ichabod_3, IgnatiusPatJac_2, Imbriano_5, Indra_5, Insomnia_5, Inventum_1, Inyanga_3, Iqorha_3, IrishSherpFalk_1, IronMan_5, Isiphiwo_5, Iwokeuplikedis_6, Izzy_6, JC27_4, JSwag_5, Jaan_5, Jabiru_2, Jabith_5, JackSparrow_2, JacoRen57_1, James_1, Jant_1, Jarcob_1, Jash_6, Jasper_4, Jeeves_5, Jeffabunny_5, Jennelsea_1, Jerm2_3, Jerm_6, JewelBug_5, Jhitchelle_4, Jiawan_5, Jifall16_1, Jinglebell_1, JoeyJr_1, Jordennis_5, Jorgensen_3, Joselito_5, JoshKayV_6, Journey13_5, Jovo_2, Jsquared_5, JuliaChild_4, KBG_3, KSSJEB_2, Kalpine_5, Kanely_4, Karhdo_1, KatherineG_5, Kazan_5, Kenmech_3, Kenuha5_1, Kerberos_5,

Kersh_1, Keziacharles14_5, KidneyBean_1, KikiBouba_3, Killigrew_2, Kimba_5, Kimchi1738_1, KingCyrus_6, KingJulian_1, KingMidas_1, Kinmap_5, Kipper29_5, Klodlith_5, Koduck_5, Koella_1, Koko_5, KristaRAM_2, Kugel_5, Kurt_1, KyMonks1A_4, Kykar_2, L5_5, LadyBird_5, Lamina13_3, Landor_5, Larenn_6, LastJedi_1, LastResort_5, Latretium_1, Leogania_5, Leperchaun_1, Lesedi_2, Lev2_2, Levia_2, Leviathan_6, Licorice_5, LilBib_2, LilMoolah_1, LilTurb_6, Lilbunny_5, Lilleskat_5, LionsBait_5, LittleCherry_2, Lizziana_1, Llama_1, Llij_1, Lockley_3, LogiBear_5, Lokk_6, Lollipop1437_1, LoneWolf_5, LongHai_5, Looper_5, Lopton_3, Loser_5, Luchador_5, Lucivia_5, Lucyedi_5, LunaBlu_1, LunarLander_3, MPlant7149_3, MaCh_5, Mabel_5, MacGully_1, Maco6_2, MadMen_1, Magnar_3, Magnito_2, Mahavrat_1, MajorMajor_4, Makemake_3, MalagasyRose_6, Malec_6, Maminiaina_5, Manatee_3, Mandlovu_1, Mantra_1, Maravista_1, Marcell_3, Marchy_3, Marco3_2, Marge_2, Marietta_1, Maroc7_2, Marsha_3, Martik_1, MaryBeth_3, MarysWell_1, Maselop_1, Mattes_1, McFly_5, McGuire_3, McSinger_4, Medindi_1, MegTheThird_5, Melissauren88_1, MerCougar_1, MetalQZJ_3, Micasa_2, Michley_3, MiculUcigas_6, Midas2_2, Miko_6, MilanaBonita_2, Milcery_2, MilleFeuille_2, MilleniumForce_2, MinecraftSteve_6, Minispark_4, Minnie_1, MissWhite_5, MisterCuddles_1, Mkhuseli_3, Modragons_1, Molly_4, Monet_3, Moonbeam_1, Moose_2, MrGordo_3, Mryolo_2, Muddy_4, MulchSalad_1, Mulciber_5, Mule_2, Munch_5, Museum_4, Mutaforma13_1, Mwanjiwa_1, Myxus_5, NEHalo_3, NaSiaTalie_6, Naca_2, NadineRae_1, Naira_2, Naji_5, NatB6_2, NearlyHeadless_2, Nebulosus_5, Nedarya_5, Neeharika16_5, Nergal_4, Nerujay_3, NewHope4_1, Newrala_5, Nhonho_3, Nichirin_1, NicoleTera_5, Nimbo_1, Nitzel_2, Nivrat_1, Niza_4, NoShow_1, NormanBulbieJr_1, Norz_3, NosilaM_1, NothingSpecial_4, NovumRegina_2, Noxious_3, Ochi17_1, Odin_4, OfUltron_1, Ohno789_2, OldBen_1, Oliynyk_6, OlympiaSaint_1, Onglai_5, Oofda_5, Oogway_2, Orange_5, Outis_1, Ovechkin_1, P1201_02, PHappiness_1, PMC_1, PSullivan_4, Pacc40_1, PacerPaul_3, PackMan_5, PainterBoy_5, Papez_3, Paphu_2, Paraselene_2, Pari_3, Parliament_2, PascalRango_3, Patio_2, PatoPoderoso_1, PattyP_4, Payneful_3, Pelly_4, Pemberton_1, Pepe_4, Perseus_2, Petersenfast_5, Peterson_3, PeteyPab_1, Petp2012_4, Petruchio_3, PetterN_2, Ph8s_5, Phaded_5, Phaeder_5, Phanphagia_1, Pharaoh_5, Phasih_1, Phatniss_1, PherrisBueller_4, PhesterPhotato_1, Phillis_2, Philus_1, PhineBark_2, Phlei_2, PhlipPhlop_1, Phlippers_2, Phlorence_2, Phomeo_1, Phonnegut_5, PhrostyMug_2, PickleBack_2, PinkPlastic_2, Pinto_3, Pioneer_5, Pippin_4, Pippy_1, Piro94_5, Pita2_4, Pleakley_1, Pmask_5, Poenanya_1, Polka14_1, Polo2Bam_1, Polyphemus_5, Polyyuki_1, Pomar16_5, PopTart_1, PotatoChip_1, PowerRanger_2, Power_6, Priamo_5, Prinashe11_2, Priscilla_1, Priya_5, ProMouse_2, Prudy_5, Pukovnik_5, Puppet_3, QTRlifeCrisis_2, Qobbit_5, QueenB2_6, QueenBeesly_6, QuickMath_1, Quokka_4, Rachaly_6, Radiance_1, Rahalelujah_5, Raid_4, Rajelicia_3, Ravana_5, ReMo_5, RedBird_1, RedRaider_1, RedRock_5, Refuge_5, Remus_5, Retro23_6, Rhynn_2, RidgeCB_3, Rifter_5, Ringer_2, RitaG_1, Rita_1, Roary_2, Rockne_1, Rohr_3, Roksolana_5, Rosalind_5, Royals2015_1, Rubeus_3, Ruby_1, Rufus_3, Ruotula_3, Rusticus_6, Rutherferd_3, RyeScarlet_5, SG4_1, STLscum_4, Saal_1, Sabbb_1, Sachima_5, Sagefire_4, Saintus_2, Salvus_5, Salz_5, Sandaddy_2, Sandalphon_1, Sanya_3, SarFire_3, Saskia_5, Sassafras_1, SassyB_1, Scherzo_5, Scorpia_2, Scottish_1, Scowl_4, Scuba_1, SeaLumen_1, Seabastian_1, Seabiscuit_3, Seanderson_4, SemperFi_6, Serenity_5, Sham4_5, Shauna1_1, ShayRa_6, SheaKeira_5, Sheen_2, ShiLan_1, ShortQueendom_2, ShowerHandel_1, ShroomBoi_1, SiSi_1, Sibs6_4, SkiPole_4, Sknot_6, Skysand_1, Slagathor_3, Smairt_3, Smeadley_2, Smeagan_6, Smeagol_3, SmellyB_5, SnapTap_6, Snape_5, Snazzy_2, Solon_2, SororFago_5, Sorpresa_2, Soups_5, Sparkdehlily_1, Spartacus_1, SpikeBT_3, Spoonbill_1, Spouty_5, Squee_2, StAnnes_1,

StarStruck_1, StarStuff_5, Steamy_5, Stephig9_2, StewieG_2, Stickynote_1, Strokeseat_1, StrongArm_2, Strosahl_5, Sukkupi_1, Sumter_3, Sunhee_5, Sunshine924_2, SuperAwesome_5, SuperCallie99_5, SuperGrey_1, SuperSulley_1, Superchunk_5, SwagPigglett_1, SweetiePie_6, SwirlSquare_5, Swirley_2, SwissCheese_2, Switzer_3, Switzerland_5, Swole_4, SydNat_2, TDanisky_1, Tailonex_2, Taj_1, Target_3, TarsusIV_6, Tarynearal_1, Tasp14_3, Temprado_5, Teodoridan_2, Terrific_6, Theia_1, TheloniousMonk_3, Thor_3, Tiger_2, Timothy_5, Timshel_2, TinyTimmy_5, TipsytheTRex_5, Toaka_5, Tomathan_5, ToneTone_4, Topgun_3, Topiatin_3, Toro_2, Tote_4, Tracker_1, Traft412_5, Travvers_5, Treddle_3, Tripl3t_3, Tristan_5, Trixie_5, Trooper_6, Trouble_2, Tubs_5, Tucker_5, Turbido_6, Turj99_2, Turuncu_1, Tweety_1, Twigg_2, TwoPeat_3, U2_3, Ugenie5_3, UnionJack_2, Updawg_6, VA6_5, VC3_5, VRedHorse_1, Vanisoa_5, Veteran_1, Violac_1, Violet_3, Vivum_1, VohminGhazi_5, Wachhund_1, Waits_5, Warrior24_5, Watermelon_4, Wee_1, WeiHuaDA_6, Whabigail7_6, Whatsapiecost_1, Wheeler_3, Wheezy_1, Whitspit_4, WhoseManz_1, Whouxphf_1, WideWale_6, Wiks_5, Wilkins_3, WillSterrel_1, Wolpertinger_4, WorldCup_4, WunderPhul_5, XFactor_1, XianYue_5, Yecey3_5, Yndexa_1, Yokurt_5, Yorick_1, Zaka_5, Zeeculate_2, Zephyr_2, Zerg_1, Zeuska_2, Zimmer_5, Zion_1, Zizzle_1, Zolita_1, Zulu_5,

Summary by start number:

Start 30:
• Found in 1 of 1243 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gallia_1 (singleton),

Start 32:
• Found in 1 of 1243 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: P1201_02 (singleton),

Start 39:
• Found in 3 of 1243 (0.2%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: GTE5_83 (CR1),

Start 43:
• Found in 5 of 1243 (0.4%) of genes in pham
• Manual Annotations of this start: 5 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Apiary_1 (CR6), Braxoaddie_1 (CR6), CoffeeBean_1 (CR6), Maselop_1 (CR6), Polyyuki_1 (CR6),

Start 47:
• Found in 56 of 1243 (4.5%) of genes in pham
• Manual Annotations of this start: 43 of 1157
• Called 80.4% of time when present
• Phage (with cluster) where this start called: Arti_1 (CR2), BiPauneto_1 (CR4), Buggaboo_1 (CR2), Commandaria_1 (CR2), Dalilpop_1 (CR1), Emianna_1 (CR2), Ennea_1 (CR3), Flapper_1 (CR1), Float294_1 (CR3), Foxboro_1 (CR2), Fury_1

(CR5), GRU1_84 (CR1), GTE8_82 (CR2), GrootJr_2 (CR2), Heathen_2 (A3), HelDan_2 (A3), HomeFry_2 (CR5), HubbaBubba_1 (CR4), IDyn_2 (CR4), Jifall16_1 (CR2), KidneyBean_1 (CR2), Kurt_1 (CR2), Lollipop1437_1 (CR3), Marietta_1 (CR4), MerCougar_1 (CR2), NadineRae_1 (CR4), NatB6_2 (CR2), NosilaM_1 (CR2), NovumRegina_2 (CR2), Outis_1 (CR2), Patio_2 (CR3), Pemberton_1 (CR4), Phomeo_1 (CR2), Pleakley_1 (CR5), RedRaider_1 (CR3), Scuba_1 (CR5), Skysand_1 (CR3), StarStruck_1 (CR2), Sukkupi_1 (CR4), SuperSulley_1 (CR2), Tracker_1 (CR2), Turuncu_1 (CR1), Wheezy_1 (CR2), WhoseManz_1 (CR4), Yndexa_1 (CR4),

Start 48:
• Found in 3 of 1243 (0.2%) of genes in pham
• Manual Annotations of this start: 3 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bonum_1 (CR2), ChewyVIII_1 (singleton), MacGully_1 (CR7),

Start 50:
• Found in 14 of 1243 (1.1%) of genes in pham
• Manual Annotations of this start: 2 of 1157
• Called 14.3% of time when present
• Phage (with cluster) where this start called: Gagieri_1 (CR6), Stephig9_2 (A8),

Start 51:
• Found in 1 of 1243 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MyraDee_2 (A18),

Start 52:
• Found in 1 of 1243 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: NoShow_1 (AB),

Start 55:
• Found in 8 of 1243 (0.6%) of genes in pham
• Manual Annotations of this start: 8 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: C3PO_1 (EN), Cruella_1 (EN), Darwin_1 (EN), Kimchi1738_1 (EN), PeteyPab_1 (EN), PotatoChip_1 (EN), Stickynote_1 (EN), Zion_1 (EN),

Start 58:
• Found in 53 of 1243 (4.3%) of genes in pham
• Manual Annotations of this start: 1 of 1157
• Called 1.9% of time when present
• Phage (with cluster) where this start called: Celestialunch_5 (A9),

Start 61:
• Found in 91 of 1243 (7.3%) of genes in pham
• Manual Annotations of this start: 20 of 1157
• Called 22.0% of time when present

• Phage (with cluster) where this start called: AgronaGT15_2 (A3), Anubis_4 (A3), Bxz2_2 (A3), Cullens_2 (A3), DaHudson_2 (A3), Dieselweasel_2 (A3), Fernando_2 (A3), Hercules11_2 (A3), JenCasNa_2 (A3), Jobu08_2 (A3), Malinsilva_4 (A3), MarQuardt_2 (A3), Marie_2 (A3), Methuselah_2 (A3), Microwolf_2 (A3), MoneyMay_2 (A3), P28Green_2 (A3), Sabia_2 (A3), Taurus_2 (A3), Tiffany_2 (A3),

Start 63:
• Found in 5 of 1243 (0.4%) of genes in pham
• Manual Annotations of this start: 3 of 1157
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Anon_5 (A15), Elle_5 (A15), R4_5 (BD2),

Start 64:
• Found in 3 of 1243 (0.2%) of genes in pham
• Manual Annotations of this start: 3 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Jeeves_5 (A14), SororFago_5 (A14), Yecey3_5 (A9),

Start 65:
• Found in 101 of 1243 (8.1%) of genes in pham
• Manual Annotations of this start: 82 of 1157
• Called 86.1% of time when present
• Phage (with cluster) where this start called: Acolyte_5 (A2), Aliter_5 (A9), Alma_5 (A9), Arissanae_5 (A9), Astro_2 (A8), Ayanochan_5 (A9), Bactobuster_5 (A2), Beemo_5 (A9), Bellris_5 (A9), BiancaTri92_5 (A2), BogosyJay_5 (A9), Caitlin_2 (A8), Catalina_5 (A9), Chargerpower_6 (A22), Charm_5 (A9), Chupacabra_2 (A10), CogOmlette_4 (A9), Conquerage_5 (A9), Danforth_1 (A8), Darrell_5 (A9), DarthPhader_5 (A12), Dixon_2 (A8), DreamTeam1_5 (A9), EagleEye_5 (A16), Eaglepride_2 (A10), EdogawaKiddo_5 (A9), Eidsmoe_5 (A9), Elephantoon_5 (A9), EmyBug_5 (A9), Expelliarmus_1 (A8), ExplosioNervosa_5 (A9), Fayely_5 (A9), Gail_5 (A14), Groundhog_1 (A8), Hanray_5 (A9), Holex_5 (A9), HortumSL17_5 (A9), IronMan_5 (A2), Iwokeuplikedis_6 (A2), Jaan_5 (A2), Jiawan_5 (A9), Keziacharles14_5 (A9), Klodlith_5 (A9), Landor_5 (A2), Leogania_5 (A2), Lilleskat_5 (A9), LoneWolf_5 (A9), Luchador_5 (A14), Lucyedi_5 (A16), Maminiaina_5 (A9), MegTheThird_5 (A9), Minispark_4 (A9), Myxus_5 (A9), NearlyHeadless_2 (A8), Onglai_5 (A9), PackMan_5 (A9), PainterBoy_5 (A16), Phaded_5 (A2), Phaeder_5 (A9), Pharaoh_5 (A12), Phillis_2 (A8), Phonnegut_5 (A9), Pioneer_5 (A9), Priya_5 (A9), Pukovnik_5 (A2), Qobbit_5 (A9), Rahalelujah_5 (A9), Refuge_5 (A12), Roary_2 (A8), RyeScarlet_5 (A9), Sachima_5 (A9), Saintus_2 (A8), Scherzo_5 (A9), SheaKeira_5 (A9), Smeadley_2 (A8), Spouty_5 (A9), Steamy_5 (A12), Sunhee_5 (A14), TarsusIV_6 (A2), Toaka_5 (A9), Tristan_5 (A2), Trooper_6 (A2), Tubs_5 (A9), Ugenie5_3 (A9), Vanisoa_5 (A9), WorldCup_4 (A9), Zimmer_5 (A12),

Start 66:
• Found in 256 of 1243 (20.6%) of genes in pham
• Manual Annotations of this start: 239 of 1157
• Called 99.6% of time when present
• Phage (with cluster) where this start called: A6_02 (A1), AFIS_3 (A1), Abbyshoes_3 (A1), Abrogate_30 (A1), Acme_4 (A1), Adahisdi_3 (A1), Aeneas_2 (A1), Agaliana_3 (A1), Ajay_3 (A1), Akhila_2 (F1), Aldrich_3 (A1), Alsfro_4 (A1), Altman_4 (A1), Alvin_4 (A1), Anglerfish_3 (A1), Applejack_3 (A1), Arcanine_3 (A1), Arlo_3 (A1),

Ashballer_2 (A1), Atkinbua_3 (A1), BK1_02 (A1), BPBiebs31_3 (A1), BaconJack_3 (A1), Barriga_3 (A1), BarrowTuph_2 (A1), Beatrix_2 (A1), BeesKnees_3 (A1), Bethlehem_3 (A1), Bexan_2 (A1), Big3_3 (A1), BigMau_4 (A1), BigPaolini_4 (A1), Bigchungi_2 (A1), Bigfoot_2 (A1), BillKnuckles_3 (A1), Bircsak_3 (A1), Blackflame_3 (A1), Blesser_2 (A1), BluSpix_2 (A1), Blue_4 (A1), Bob3_3 (A1), Bones_3 (A1), Briton15_3 (A1), Bruns_2 (A1), Burton_3 (A1), Buttons_3 (A1), Bxb1_2 (A1), CactusRose_2 (A1), CaptainTrips_2 (F1), Carlyle_4 (A1), CartmannCramer_2 (A1), CatBus_3 (A1), Chanagan_3 (A1), ChristmasHams_3 (A1), Ciao_3 (A1), ConceptII_3 (A1), Corvo_3 (A1), Crispicous1_2 (A1), Cueylyss_3 (A1), DD5_3 (A1), Dexes_4 (A1), DirtDevil_3 (A1), Doom_3 (A1), DrFeelGood_2 (A1), DreamCatcher_4 (A1), Dreamboat_4 (A1), Dulcie_2 (A1), Dussy_3 (A1), Dynamix_3 (A1), Edtherson_3 (A1), EnzoK_2 (A1), Espresso_3 (A1), Euphoria_3 (A1), Eyeball_3 (A1), Fajezeel_4 (A1), Fascinus_2 (A1), Fenn_2 (A1), Forsytheast_2 (A1), Francis47_3 (A1), Froghopper_3 (A1), Fushigi_3 (A1), GMonster_3 (A1), Gachnar_3 (A1), GageAP_4 (A1), Gandalf20_3 (A1), Gompeii16_3 (A1), Graduation_3 (A1), GrecoEtereo_4 (A1), Greg_4 (A1), Grimmer_2 (F1), GroundGoblin_3 (A1), Gwendoluna_2 (A1), Gyzlar_4 (A1), Hami1_2 (A1), HanShotFirst_3 (A1), Hank144_6 (BD2), HarryOW_4 (A1), Hermia_3 (A1), HermioneGrange_3 (A1), Homines_3 (A1), Hope4ever_3 (A1), ILeeKay_4 (A1), Ichabod_3 (A1), IgnatiusPatJac_2 (A1), Inyanga_3 (A1), Iqorha_3 (A1), JC27_4 (A1), JackSparrow_2 (A1), Jasper_4 (A1), Jerm2_3 (A1), Jorgensen_3 (A1), JuliaChild_4 (A1), KBG_3 (A1), KSSJEB_2 (A1), Kanely_4 (A1), Kenmech_3 (A1), KikiBouba_3 (A1), Killigrew_2 (A1), KristaRAM_2 (F1), Kugel_5 (A1), KyMonks1A_4 (A1), Kykar_2 (A1), Lamina13_3 (A1), Lesedi_2 (A1), Levia_2 (A1), Licorice_5 (A1), LilBib_2 (A1), Lockley_3 (A1), Lopton_3 (A1), LunarLander_3 (A1), MPlant7149_3 (A1), Magnar_3 (A1), Magnito_2 (A1), Makemake_3 (A1), Manatee_3 (A1), Marcell_3 (A1), Marchy_3 (A1), Marco3_2 (A1), Marge_2 (A1), Maroc7_2 (A1), Marsha_3 (A1), MaryBeth_3 (A1), McGuire_3 (A1), McSinger_4 (A1), MetalQZJ_3 (A1), Michley_3 (A1), MilanaBonita_2 (F1), MilleFeuille_2 (A1), MilleniumForce_2 (F1), Mkhuseli_3 (A1), Molly_4 (A1), Monet_3 (A1), Moose_2 (A1), MrGordo_3 (A1), Mryolo_2 (A1), Mule_2 (A1), Museum_4 (A1), NEHalo_3 (A1), Naira_2 (A1), Nerujay_3 (A1), Nhonho_3 (A1), Nitzel_2 (F1), Niza_4 (A1), Norz_3 (A1), Noxious_3 (A1), Ohno789_2 (A1), Oogway_2 (A1), PSullivan_4 (A1), PacerPaul_3 (A1), Papez_3 (A1), Paphu_2 (A1), Paraselene_2 (A1), Pari_3 (A1), Parliament_2 (A1), PascalRango_3 (A1), PattyP_4 (A1), Payneful_3 (A1), Pelly_4 (A1), Pepe_4 (A1), Perseus_2 (A1), Peterson_3 (A1), Petp2012_4 (A1), Petruchio_3 (A1), PherrisBueller_4 (A1), PhineBark_2 (A1), Phlippers_2 (A1), PhrostyMug_2 (A1), PinkPlastic_2 (A1), Pinto_3 (A1), Pippin_4 (A1), Pita2_4 (A1), PowerRanger_2 (A1), ProMouse_2 (A1), Puppet_3 (A1), QTRlifeCrisis_2 (A1), Raid_4 (A1), Rajelicia_3 (A1), Rhynn_2 (A1), RidgeCB_3 (A1), Ringer_2 (A1), Rohr_3 (A1), Rubeus_3 (A1), Rufus_3 (A1), Ruotula_3 (A1), Rutherferd_3 (A1), STLscum_4 (A1), Sagefire_4 (A1), Sandaddy_2 (A1), Sanya_3 (A1), SarFire_3 (A1), Scowl_4 (A1), Seabiscuit_3 (A1), Seanderson_4 (A1), ShortQueendom_2 (A1), Sibs6_4 (A1), SkiPole_4 (A1), Slagathor_3 (A1), Smairt_3 (A1), Smeagol_3 (A1), Snazzy_2 (A1), Solon_2 (A1), Sorpresa_2 (A1), SpikeBT_3 (A1), Squee_2 (A1), StewieG_2 (A1), StrongArm_2 (A1), Sumter_3 (A1), Sunshine924_2 (A1), SwissCheese_2 (A1), Switzer_3 (A1), Swole_4 (A1), Tailonex_2 (singleton), Target_3 (A1), Tasp14_3 (A1), Teodoridan_2 (A1), TheloniousMonk_3 (A1), Thor_3 (A1), Topgun_3 (A1), Topiatin_3 (F1), Tote_4 (A1), Traft412_5 (A1), Treddle_3 (A1), Tripl3t_3 (A1), Trouble_2 (A1), Turj99_2 (A1), TwoPeat_3 (A1), U2_3 (A1), Violet_3 (A1), Watermelon_4 (A1), Wheeler_3 (A1), Whitspit_4 (A1), Wilkins_3 (A1), Zeeculate_2 (A1), Zephyr_2 (A1), Zeuska_2 (A1),

Start 67:
• Found in 42 of 1243 (3.4%) of genes in pham

• Manual Annotations of this start: 40 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AgentM_2 (A5), Airmid_2 (A5), Aragog_2 (A5), Archetta_2 (A5), Benedict_2 (A5), Bluefalcon_1 (A5), Bonamassa_2 (A5), Chadwick_2 (A5), Conspiracy_2 (A5), Coog_2 (A5), Cuco_2 (A5), Discoknowium_2 (A5), Dublin_1 (A5), ElTiger69_2 (A5), Florence1_2 (A5), Florence4_2 (A5), ForGetIt_2 (A5), George_1 (A5), Ghoulboy_2 (A5), HuhtaEnerson15_2 (A5), Jabiru_2 (A5), Jovo_2 (A5), Lev2_2 (A5), LittleCherry_2 (A5), MarysWell_1 (A5), Micasa_2 (A5), Midas2_2 (A5), Milcery_2 (A5), Naca_2 (A5), PetterN_2 (A5), Phlorence_2 (A5), PickleBack_2 (A5), Prinashe11_2 (A5), Scorpia_2 (A5), Swirley_2 (A5), SydNat_2 (A5), Tarynearal_1 (A5), Theia_1 (A5), Tiger_2 (A5), Twigg_2 (A5), UnionJack_2 (A5), Zolita_1 (A5),

Start 68:
• Found in 6 of 1243 (0.5%) of genes in pham
• Manual Annotations of this start: 4 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DroogsArmy_2 (A7), FlyCatcher_2 (A7), HINdeR_2 (A7), Sheen_2 (A7), Timshel_2 (A7), Toro_2 (A7),

Start 69:
• Found in 374 of 1243 (30.1%) of genes in pham
• Manual Annotations of this start: 314 of 1157
• Called 90.6% of time when present
• Phage (with cluster) where this start called: ACFishhook_2 (A3), AbbysRanger_2 (A4), Abdiel_2 (A4), Achebe_2 (A4), Aglet_2 (A3), Alatin_3 (CA), Albee_2 (A4), Alberto7_2 (A4), Alpacados_3 (CA), AngryOrchard_3 (CA), Annyong_2 (A4), Anthony_2 (A20), AppleCloud_2 (CA), Arturo_1 (A4), AugsMagnumOpus_4 (A3), AvatarAhPeg_2 (A4), Avle17_2 (A4), Axiom_6 (BD2), B1_01 (A3), Baby16_2 (A4), BabyJohn_1 (A3), BabyRay_2 (A3), Backyardigan_2 (A4), Badger_2 (A4), BangNhom_1 (A4), BartholomewSD_7 (BD2), Bartimeaus_2 (A4), Beauxregard13_2 (A3), Belenaria_3 (CA), BellusTerra_2 (A4), Bigflo_2 (A3), Blackmoor_2 (A4), BlueBird_2 (A3), BobbyDazzler_3 (CA), Bombshell_2 (A4), Bonanza_3 (CA), Bowden_6 (BD2), Bradshaw_3 (CA), BreSam8_2 (A3), BroPlease_5 (BD4), Broseidon_2 (A4), Bruiser_2 (A4), Bryce_3 (CA), BubbleTrouble_2 (A4), Buckaroo_1 (A4), Bugatti_2 (A3), Bumblebee11_2 (A4), Burger_1 (A4), BuzzBuzz_1 (A3), Caelakin_2 (A4), Caelum_6 (BD2), Calvinny_2 (A3), Camperdownii_2 (A4), Cat_1 (A3), CentreCat_2 (A4), Cerulean_2 (A4), ChampagnePapi_2 (A4), Chaph_2 (A4), Chiqui_1 (A3), Cici_2 (A4), Cindaradix_2 (A4), Cintron_2 (A4), Citius_2 (A4), Clammy_2 (A3), Clarenza_2 (A4), ClownCar_2 (A3), Cocoaberry_2 (A4), Colbster_2 (A3), Commander_2 (A4), Connomayer_2 (A4), CosmicSans_3 (CA), Daishi_2 (A3), Datway_2 (A4), Daudau_5 (BD2), Deano_2 (A4), Dhanush_2 (A4), Dinger_3 (CA), DirtyDunning_2 (A4), DontArgue_2 (A10), Drake94_2 (A10), DropBear_2 (A3), Druantia_2 (A4), DustyMartin_2 (A10), Eagle_1 (A4), Eapen_2 (A4), Edison31_2 (A10), EpicPhail_2 (A3), Erik_3 (CA), Eris_2 (A4), Eros_2 (A4), Espica_3 (CA), EtoileNova_1 (A3), Eurydice_2 (A4), FatCactus_2 (A20), Florean_2 (A4), Flux_2 (A4), Fred313_2 (A3), Funston_2 (A4), Gadost_2 (A4), Gemma_2 (A3), GingkoMaracino_2 (A3), Giroux_2 (A3), Gollum_3 (CA), Goose1D_2 (A3), Goose1X_2 (A3), Goose_2 (A10), GreenWeasel_5 (BD4), Grif_2 (A3), Groupthink_3 (A3), Grub_2 (A3), Grum1_2 (A3), GtownJaz_2 (A3), Gwennie_2 (A3), HamSlice_1 (A4), Happiness_2 (A4), Harlequin_3 (CA), HashRod_3 (A3), HaveUMetTed_3 (A3), Heliosoles_2 (A3), Hiro_3 (CA), Holli_2 (A4), Hookmount_2 (A3), Houdini22_2 (A4), Huxley_2 (A4), ICleared_2 (A4), Iceman_2 (A4), Idleandcovert_1 (A3), Iracema64_2 (A4), Isca_2 (A3), Issmi_6

(BD2), JF2_2 (A3), JF4_2 (A3), Jaykayelowell_2 (A4), JeppNRM_3 (A3), Jester_3 (CA), JetBlade_2 (A4), Jevington_7 (BD2), JoongJeon_2 (A4), Junimo_1 (A4), KADY_3 (A3), KFPoly_2 (A4), Kachowdy_2 (A3), Kalb97_3 (A3), Kalnoky_3 (A3), Kampy_2 (A4), Katalie136_2 (A4), KekoraPapaka_1 (A4), Kimona_2 (A19), Kingmustik0402_2 (A4), KittenMittens_2 (A10), Koan_2 (A4), Koreni_2 (A4), Kratark_2 (A4), Kremtemulon_2 (A4), Krishelle_3 (CA), Kristoff_3 (A10), Kyee_2 (A4), LBerry_2 (A3), LHTSCC_2 (A4), Lambert1_2 (A3), LappelDuVide_2 (A4), LarryKay_2 (A3), Lemur_2 (A4), LeoAvram_2 (A4), Lillie_3 (CA), LittleB_2 (A4), LittleGuy_2 (A4), LochMonster_2 (A4), Loofah_6 (BD2), Lorenzo_2 (A4), Louie6_2 (A3), Lowa_2 (A3), LugYA_4 (A3), Lunsford_2 (A4), MA5_2 (A3), MK4_2 (A3), MadMarie_2 (A3), Mainiac_2 (A3), Manu_3 (A3), Marav_8 (BD2), Marchesa_2 (A3), Margo_2 (A3), Marius_3 (A3), Maverick_2 (A4), Maxo_2 (A4), Mayonnaise_2 (A4), Mazhar510_2 (A4), Medusa_2 (A4), MeeZee_2 (A4), Melvin_2 (A4), Millski_2 (A4), Miramae_2 (A4), Misomonster_4 (A3), Morpher26_2 (A4), Morrow_2 (A4), MuchMore_4 (A3), Mundrea_2 (A4), Naiad_3 (CA), Nancinator_3 (CA), Natosaleda_3 (CA), Nebs_2 (A4), Nemo27_2 (A4), Noella_2 (A3), Noelle_2 (A4), Norbert_1 (A3), NorthStar_2 (A4), Northrop_2 (A4), NotAPhaseMom_2 (A4), Nyxis_2 (A4), OKCentral2016_2 (A10), OKaNui_2 (A4), Obama12_2 (A4), Ohfah_2 (A4), OlanP_2 (A3), Ollie_2 (A3), Omar_6 (BD2), PGHhamlin_4 (A3), PP_13 (A7), Pablito_5 (BD2), Paedore_5 (BD2), Palestino_2 (A4), Partridge_3 (CA), Pawn_2 (A3), PeaceMeal1_2 (A10), Peaches_2 (A4), Pembroke_2 (A3), Penny1_2 (A3), Perplexer_2 (A4), PeterPeter_2 (A4), PetiteSangsue_2 (A4), Phacado_2 (A4), PhailMary_3 (CA), Phantastic_2 (A3), Phelipe_2 (A4), Phighter1804_2 (A4), PhishRPhriends_2 (A3), Phoebe_2 (A3), Phontbonne_2 (A4), Phrankenstein_3 (CA), Phranny_3 (A3), Pipcraft_2 (A4), Pistachio_2 (A3), Pocahontas_2 (A3), Polymorphads_2 (A4), Poompha_2 (A10), PotatoSplit_3 (A3), Puginator_7 (BD2), Pumbaa_2 (A4), Puppy_2 (A3), PurpleHaze_2 (A3), QuinnKiro_1 (A3), RER2_66 (CA), RGL3_65 (CA), Rasputin_3 (CA), Reba_3 (A3), Rebeuca_3 (A10), Relief_2 (A4), ResDef_2 (A3), RexFury_3 (CA), Rhodalysa_3 (CA), RhynO_2 (A10), RockieBear_2 (A4), Rocksand_2 (A4), Rockstar_2 (A3), Roimos_2 (A3), Romney_2 (A4), Roosevelt_2 (A4), Rosa24_1 (A4), Rowdy_2 (A10), Ruin_2 (A4), Rummer_2 (A3), Sabertooth_2 (A4), Sabinator_2 (A3), SaturnRing_1 (A3), Scamp_2 (A4), Scout_2 (A3), SenorClean_2 (A4), Severus_2 (A10), Shaka_2 (A4), Shapes_2 (A10), SheldonCooper_2 (A4), Shep_2 (A3), Shuman_3 (CA), Shygu2_2 (A4), Skadoosh_2 (A4), Skipitt_2 (A4), Snickers_2 (A3), SoYo_2 (A3), SoilDragon_2 (A3), Soshari_4 (A3), Sparxx_2 (A4), Spino_2 (A4), StCroix_3 (CA), Stagni_2 (A3), Stasia_2 (A4), SteMason_2 (A4), StepMih_2 (A3), Stink_2 (A4), Sultana_2 (A4), Superstar_6 (BD2), Swann_3 (CA), TNguyen7_2 (A3), TWAMP_3 (CA), Takoda_3 (CA), Taquarus_2 (A4), Tefunt_5 (BD2), Texage_1 (A3), Thanksgivukkah_2 (A4), Thestral_6 (BD2), TinaBelcher_5 (BD2), TinaFeyge_2 (A4), TinyPebbles_2 (A3), Tinybot_1 (A4), TiroTheta9_2 (A4), Todacoro_2 (A3), Topanga_2 (A10), Trike_1 (A10), Triumph_6 (BD2), TroyPia_2 (A4), TrvxScott_4 (BD2), Twister_2 (A10), TygerBlood_2 (A4), UhSalsa_3 (CA), Ulysses_2 (A4), Veracruz_1 (A3), WalterMcMickey_2 (A10), Wander_2 (A4), Watson_2 (A3), Wilbur_2 (A4), Wile_2 (A4), Wizard007_2 (A4), Wooldri_4 (A3), Xena_2 (A4), YoSam321_2 (A4), Yogi_3 (CA), Yoncess_3 (CA), Zarafa_2 (A3), Zetzy_2 (A3), phiHau3_5 (BD4),

Start 70:
• Found in 1 of 1243 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DeerParkTS_5 (A2),

Start 71:

• Found in 217 of 1243 (17.5%) of genes in pham
• Manual Annotations of this start: 205 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 20ES_5 (A2), 40AC_6 (A17), AN3_5 (A2), AN9_5 (A2), ANI8_5 (A2), AbbyPaige_6 (A2), Adzzy_5 (A2), Agape74_6 (A2), Anaysia_5 (A15), Aneem_5 (A11), AnnaL29_5 (A2), Anselm_6 (A2), ArcherNM_5 (A2), Artemis2UCLA_5 (A6), BABullseye_5 (A6), BabyBack_5 (A2), Bachome_5 (A11), Baehexic_6 (A2), Battleship_6 (A15), BengiVuitton_5 (A2), BennyP_5 (A6), Benvolio_6 (A2), BlessJoy_5 (A6), Blinn1_5 (A6), Blue7_5 (A6), BobSwaget_6 (A2), Boohoo_5 (A15), Bowtie_5 (A11), Bradman_5 (A2), Bud_5 (A11), Bugsy_6 (A2), C3_05 (A2), CRB1_5 (A2), Candra_5 (A6), Caraxes_5 (A2), Centaur_6 (A2), Changeling_5 (A2), Chartreuse_5 (A6), Che12_5 (A2), ChipMunk_6 (A2), CloudWang3_5 (A6), Colin_5 (A2), Cookiedough_5 (A6), Crucio_6 (A2), D29_5 (A2), D32_5 (A2), DBQu4n_5 (A2), DaVinci_5 (A6), Dalmatian_6 (A2), DekHockey33_5 (A15), Deloris_5 (A2), DelvinSonDorr_4 (A6), Dignity_6 (A2), Dorothea_5 (A6), Drake55_6 (A2), DudeLittle_6 (A2), Duplo_5 (A2), EZMoney23_5 (A2), Ebony_5 (A11), Echild_6 (A2), Epsocamisio_5 (A15), Equemioh13_6 (A2), EricB_5 (A6), Et2Brutus_4 (A11), EvilGenius_6 (A2), Fameo_6 (A2), Fibonacci_5 (A11), FiringLine_6 (A2), First_005 (A2), Flare16_6 (A2), Flaverint_5 (A11), ForesterFrank_5 (A2), Garak_5 (A6), GaugeLDP_5 (A2), Georgie2_6 (A2), Gilberta_5 (A11), Gladiator_5 (A6), Gratitude_6 (A2), GreedyLawyer_5 (A6), Gruunaga_5 (A6), Hammer_5 (A6), HarryHoudini_6 (A2), Heffalump_6 (A2), Helmet_5 (A6), Herbertwm_2 (A2), Hexamo_5 (A6), HippoHollow_5 (A2), Hoot_5 (A6), Hutc2_5 (A11), Imbriano_5 (A6), Indra_5 (A6), Insomnia_5 (A11), Isiphiwo_5 (A6), JSwag_5 (A15), Jabith_5 (A11), Jeffabunny_5 (A6), Jerm_6 (A2), JewelBug_5 (A6), Jordennis_5 (A6), Joselito_5 (A11), JoshKayV_6 (A2), Journey13_5 (A2), Jsquared_5 (A2), Kalpine_5 (A2), KatherineG_5 (A15), Kazan_5 (A6), Kerberos_5 (A2), Kimba_5 (A11), KingCyrus_6 (A2), Kinmap_5 (A21), Kipper29_5 (A6), Koduck_5 (A2), Koko_5 (A6), L5_5 (A2), LadyBird_5 (A2), Larenn_6 (A2), LastResort_5 (A15), Leviathan_6 (A2), LilTurb_6 (A2), Lilbunny_5 (A6), LionsBait_5 (A2), LogiBear_5 (A15), Lokk_6 (A2), Looper_5 (A15), Loser_5 (A2), Lucivia_5 (A11), MaCh_5 (A11), Mabel_5 (A11), MajorMajor_4 (A2), Malec_6 (A2), McFly_5 (A6), MiculUcigas_6 (A2), Miko_6 (A2), MinecraftSteve_6 (A15), MissWhite_5 (A2), Mulciber_5 (A11), Munch_5 (A11), NaSiaTalie_6 (A2), Naji_5 (A2), Nebulosus_5 (A15), Nedarya_5 (A15), Neeharika16_5 (A6), Newrala_5 (A6), NicoleTera_5 (A2), NothingSpecial_4 (A2), Odin_4 (A2), Oofda_5 (A15), Orange_5 (A11), Petersenfast_5 (A11), Ph8s_5 (A2), Phlei_2 (A13), Piro94_5 (A2), Pmask_5 (A6), Polyphemus_5 (A6), Pomar16_5 (A2), Power_6 (A2), Priamo_5 (A6), Prudy_5 (A2), QueenB2_6 (A2), QueenBeesly_6 (A2), Quokka_4 (A2), Rachaly_6 (A2), Ravana_5 (A15), ReMo_5 (A15), RedRock_5 (A2), Remus_5 (A15), Retro23_6 (A2), Rifter_5 (A6), Roksolana_5 (A6), Rosalind_5 (A15), Salz_5 (A11), Saskia_5 (A11), SemperFi_6 (A2), Serenity_5 (A2), Sham4_5 (A11), ShayRa_6 (A15), Sknot_6 (A2), Smeagan_6 (A2), SmellyB_5 (A6), SnapTap_6 (A2), Snape_5 (A11), Soups_5 (A15), StarStuff_5 (A2), Strosahl_5 (A15), SuperAwesome_5 (A6), SuperCallie99_5 (A6), Superchunk_5 (A2), SweetiePie_6 (A2), SwirlSquare_5 (A2), Switzerland_5 (A15), Temprado_5 (A6), Terrific_6 (A2), Timothy_5 (A11), TinyTimmy_5 (A11), TipsytheTRex_5 (A2), Tomathan_5 (A2), ToneTone_4 (A6), Travvers_5 (A2), Trixie_5 (A2), Tucker_5 (A6), Turbido_6 (A2), Updawg_6 (A2), VA6_5 (A2), VC3_5 (A2), VohminGhazi_5 (A6), Waits_5 (A15), Warrior24_5 (A15), WeiHuaDA_6 (A2), Whabigail7_6 (A2), WideWale_6 (A2), Wiks_5 (A6), Wolpertinger_4 (A11), WunderPhul_5 (A6), XianYue_5 (A2), Yokurt_5 (A6), Zaka_5 (A6), Zulu_5 (A6),

Start 73:

• Found in 186 of 1243 (15.0%) of genes in pham
• Manual Annotations of this start: 167 of 1157
• Called 94.1% of time when present
• Phage (with cluster) where this start called: AlpineSix_1 (F1), ArcusAngelus_1 (F1), Ardmore_1 (F1), Attoomi_2 (singleton), Aubs_1 (F1), Batiatus_1 (F1), Bipolar_1 (F1), Blexus_1 (F1), BlueCrab_1 (F1), BobaPhett_1 (F1), BodEinwohner17_1 (F1), Brocalys_1 (F1), BryanRecycles_6 (BD1), Bubbles123_1 (F1), Burwell21_1 (F1), ByChance_1 (F1), Cabrinians_1 (F1), Che8_1 (F1), Cheesepuff_1 (F1), Chevrolet_1 (F1), Chuckly_1 (F1), Clank_1 (F), Clifton_1 (F1), Crumble_1 (F1), DLane_1 (F1), DRBy19_1 (F1), DaddyRickover_1 (F1), Daenerys_1 (F1), Dante_1 (F1), DeadP_1 (F1), Deb65_1 (F1), DillTech15_1 (F1), DoRead_1 (F1), Donkeykong_1 (F1), Doomphist_1 (F1), Dorothy_1 (F1), DotProduct_1 (F1), Doug_1 (F1), Eddasa_6 (BD1), Eish_1 (F1), EleanorGeorge_1 (F1), Emma_1 (F1), Empress_1 (F1), EnochSoames_6 (BD1), Enzomatic_1 (F1), Eradicator_1 (F1), Estave1_1 (F1), Fancypants_1 (F1), Filuzino_1 (F1), Firehouse51_1 (F1), Florinda_1 (F1), FreddyB_1 (F1), Fruitloop_1 (F1), GAL1_2 (singleton), GUmbie_1 (F1), Galactic_1 (F1), Gandalph_1 (F1), Geralt_1 (F1), GigiOuiOui_1 (F1), Girr_1 (F1), Gorge_1 (F1), Guppsters_1 (F1), Hades_1 (F1), Hamulus_1 (F1), Harley_1 (F1), Hlubikazi_1 (F1), Ibhubesi_1 (F1), Inventum_1 (F1), IrishSherpFalk_1 (F1), Izzy_6 (BD1), James_1 (F1), Jant_1 (F1), Jarcob_1 (F1), Jash_6 (BD1), Jennelsea_1 (F1), Jhitchelle_4 (BD3), Jinglebell_1 (F1), JoeyJr_1 (F1), Karhdo_1 (F1), Kersh_1 (F1), KingJulian_1 (F1), KingMidas_1 (F1), Koella_1 (F1), LastJedi_1 (F1), Latretium_1 (F1), Leperchaun_1 (F1), LilMoolah_1 (F1), Lizziana_1 (F1), Llama_1 (F1), Llij_1 (F1), MadMen_1 (F1), Mahavrat_1 (F1), MalagasyRose_6 (AG), Mandlovu_1 (F1), Mantra_1 (F1), Maravista_1 (F1), Martik_1 (F1), Mattes_1 (F1), Melissauren88_1 (F1), MisterCuddles_1 (F1), Modragons_1 (F1), Moonbeam_1 (F1), MulchSalad_1 (F7), Mutaforma13_1 (F1), Nergal_4 (AG), NewHope4_1 (F1), Nichirin_1 (F1), Nimbo_1 (F1), Nivrat_1 (F1), NormanBulbieJr_1 (F1), Ochi17_1 (F1), OfUltron_1 (F1), OldBen_1 (F1), Oliynyk_6 (BD1), OlympiaSaint_1 (F1), Ovechkin_1 (F1), PHappiness_1 (F1), PMC_1 (F1), Pacc40_1 (F1), Phanphagia_1 (F1), Phasih_1 (F1), Phatniss_1 (F1), PhesterPhotato_1 (F1), Philus_1 (F1), PhlipPhlop_1 (F1), Pippy_1 (F1), Poenanya_1 (F1), Polka14_1 (F1), Polo2Bam_1 (F1), PopTart_1 (F1), Priscilla_1 (F1), QuickMath_1 (F1), Radiance_1 (F1), RedBird_1 (F1), RitaG_1 (F1), Rita_1 (F1), Rockne_1 (F1), Royals2015_1 (F1), Ruby_1 (F1), Rusticus_6 (BD1), SG4_1 (F1), Saal_1 (F1), Sabbb_1 (F1), Sandalphon_1 (F1), Sassafras_1 (F1), SassyB_1 (F1), Scottish_1 (F1), SeaLumen_1 (F1), Seabastian_1 (F1), Shauna1_1 (F1), ShiLan_1 (F1), ShowerHandel_1 (F1), ShroomBoi_1 (F1), SiSi_1 (F1), Sparkdehlily_1 (F1), Spartacus_1 (F1), Spoonbill_1 (F1), StAnnes_1 (F1), Strokeseat_1 (F1), SuperGrey_1 (F1), SwagPigglett_1 (F1), TDanisky_1 (F1), Taj_1 (F1), Tweety_1 (F1), VRedHorse_1 (F1), Veteran_1 (F1), Vivum_1 (F1), Wachhund_1 (F1), Wee_1 (F1), Whatsapiecost_1 (F1), Whouxphf_1 (F1), WillSterrel_1 (F1), XFactor_1 (F1), Yorick_1 (F1), Zizzle_1 (F1),

Start 74:
• Found in 7 of 1243 (0.6%) of genes in pham
• Manual Annotations of this start: 3 of 1157
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 8UZL_4 (AB), FF47_04 (AB), JacoRen57_1 (AB), LongHai_5 (AB), Maco6_2 (AB), Muddy_4 (AB), Salvus_5 (AB),

Start 75:
• Found in 151 of 1243 (12.1%) of genes in pham
• Manual Annotations of this start: 6 of 1157

• Called 4.0% of time when present
• Phage (with cluster) where this start called: Farber_2 (A3), JHC117_2 (A3), Lilith_2 (A3), Phoxy_2 (A3), Spike509_2 (A3), Vix_2 (A3),

Start 79:
• Found in 185 of 1243 (14.9%) of genes in pham
• Manual Annotations of this start: 6 of 1157
• Called 5.9% of time when present
• Phage (with cluster) where this start called: Corium_1 (F1), EmiMonkey_1 (F1), Fastidio_1 (F1), Kenuha5_1 (F1), LunaBlu_1 (F1), Medindi_1 (F1), Minnie_1 (F1), Mwanjiwa_1 (F1), PatoPoderoso_1 (F1), Violac_1 (F1), Zerg_1 (F1),

Start 86:
• Found in 88 of 1243 (7.1%) of genes in pham
• No Manual Annotations of this start.
• Called 2.3% of time when present
• Phage (with cluster) where this start called: Croquant_3 (A3), Montavir_1 (A3),

Summary by clusters:

There are 41 clusters represented in this pham: singleton, A21, AB, A15, A14, A17, A16, A11, A10, A13, A12, A19, A18, A1, BD4, A3, A2, BD1, A4, A7, BD2, A9, A5, CR3, A20, EN, BD3, AG, F, CA, A6, A8, CR2, F1, A22, CR1, CR6, CR7, CR4, F7, CR5,

Info for manual annotations of cluster A1:
•Start number 66 was manually annotated 231 times for cluster A1.

Info for manual annotations of cluster A10:
•Start number 65 was manually annotated 2 times for cluster A10.
•Start number 69 was manually annotated 15 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 71 was manually annotated 28 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 65 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 64 was manually annotated 2 times for cluster A14.
•Start number 65 was manually annotated 3 times for cluster A14.

Info for manual annotations of cluster A15:
•Start number 63 was manually annotated 2 times for cluster A15.
•Start number 71 was manually annotated 23 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 65 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:
•Start number 51 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 69 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 65 was manually annotated 13 times for cluster A2.
•Start number 70 was manually annotated 1 time for cluster A2.
•Start number 71 was manually annotated 103 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 69 was manually annotated 2 times for cluster A20.

Info for manual annotations of cluster A21:
•Start number 71 was manually annotated 1 time for cluster A21.

Info for manual annotations of cluster A22:
•Start number 65 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:
•Start number 47 was manually annotated 2 times for cluster A3.
•Start number 61 was manually annotated 20 times for cluster A3.
•Start number 69 was manually annotated 94 times for cluster A3.
•Start number 75 was manually annotated 6 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 69 was manually annotated 144 times for cluster A4.

Info for manual annotations of cluster A5:
•Start number 67 was manually annotated 40 times for cluster A5.

Info for manual annotations of cluster A6:
•Start number 71 was manually annotated 50 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 68 was manually annotated 4 times for cluster A7.
•Start number 69 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:
•Start number 50 was manually annotated 1 time for cluster A8.
•Start number 65 was manually annotated 11 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 58 was manually annotated 1 time for cluster A9.
•Start number 64 was manually annotated 1 time for cluster A9.
•Start number 65 was manually annotated 44 times for cluster A9.

Info for manual annotations of cluster AB:
•Start number 52 was manually annotated 1 time for cluster AB.
•Start number 74 was manually annotated 3 times for cluster AB.

Info for manual annotations of cluster AG:
•Start number 73 was manually annotated 2 times for cluster AG.

Info for manual annotations of cluster BD1:
•Start number 73 was manually annotated 6 times for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 63 was manually annotated 1 time for cluster BD2.
•Start number 66 was manually annotated 1 time for cluster BD2.
•Start number 69 was manually annotated 18 times for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 73 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD4:
•Start number 69 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster CA:
•Start number 69 was manually annotated 36 times for cluster CA.

Info for manual annotations of cluster CR1:
•Start number 47 was manually annotated 3 times for cluster CR1.

Info for manual annotations of cluster CR2:
•Start number 47 was manually annotated 19 times for cluster CR2.
•Start number 48 was manually annotated 1 time for cluster CR2.

Info for manual annotations of cluster CR3:
•Start number 47 was manually annotated 6 times for cluster CR3.

Info for manual annotations of cluster CR4:
•Start number 47 was manually annotated 9 times for cluster CR4.

Info for manual annotations of cluster CR5:
•Start number 47 was manually annotated 4 times for cluster CR5.

Info for manual annotations of cluster CR6:
•Start number 43 was manually annotated 5 times for cluster CR6.
•Start number 50 was manually annotated 1 time for cluster CR6.

Info for manual annotations of cluster CR7:
•Start number 48 was manually annotated 1 time for cluster CR7.

Info for manual annotations of cluster EN:
•Start number 55 was manually annotated 8 times for cluster EN.

Info for manual annotations of cluster F1:
•Start number 66 was manually annotated 7 times for cluster F1.
•Start number 73 was manually annotated 156 times for cluster F1.
•Start number 79 was manually annotated 6 times for cluster F1.

Info for manual annotations of cluster F7:
•Start number 73 was manually annotated 1 time for cluster F7.

Gene Information:

Gene: 20ES_5 Start: 2818, Stop: 3288, Start Num: 71
Candidate Starts for 20ES_5:
(Start: 71 @2818 has 205 MA's), (92, 2902), (106, 2938), (117, 2977), (121, 3007), (146, 3103), (148, 3112), (157, 3136), (179, 3235), (183, 3244),

Gene: 40AC_6 Start: 2633, Stop: 3097, Start Num: 71
Candidate Starts for 40AC_6:
(Start: 71 @2633 has 205 MA's), (92, 2717), (98, 2729), (106, 2753), (117, 2792), (121, 2822), (127, 2861), (132, 2873), (146, 2918), (148, 2927), (157, 2951), (162, 2969), (183, 3059),

Gene: 8UZL_4 Start: 1322, Stop: 1795, Start Num: 74
Candidate Starts for 8UZL_4:
(54, 1274), (Start: 74 @1322 has 3 MA's), (90, 1385), (91, 1388), (101, 1418), (122, 1520), (176, 1745), (184, 1766), (187, 1775),

Gene: A6_02 Start: 1099, Stop: 1539, Start Num: 66
Candidate Starts for A6_02:
(Start: 66 @1099 has 239 MA's), (98, 1198), (149, 1372), (157, 1393), (168, 1447), (176, 1483), (180, 1492),

Gene: ACFishhook_2 Start: 860, Stop: 1279, Start Num: 69
Candidate Starts for ACFishhook_2:
(Start: 61 @854 has 20 MA's), (Start: 69 @860 has 314 MA's), (Start: 75 @878 has 6 MA's), (149, 1130), (157, 1151), (179, 1241),

Gene: AFIS_3 Start: 1174, Stop: 1614, Start Num: 66
Candidate Starts for AFIS_3:
(Start: 66 @1174 has 239 MA's), (98, 1273), (149, 1447), (157, 1468), (168, 1522), (176, 1558), (180, 1567),

Gene: AN3_5 Start: 2800, Stop: 3270, Start Num: 71
Candidate Starts for AN3_5:
(Start: 71 @2800 has 205 MA's), (92, 2884), (106, 2920), (117, 2959), (121, 2989), (146, 3085), (148, 3094), (157, 3118), (179, 3217), (183, 3226),

Gene: AN9_5 Start: 2676, Stop: 3143, Start Num: 71
Candidate Starts for AN9_5:
(62, 2670), (Start: 71 @2676 has 205 MA's), (92, 2760), (98, 2772), (114, 2826), (117, 2835), (148, 2970), (157, 2994), (166, 3036), (175, 3084), (183, 3102),

Gene: ANI8_5 Start: 2676, Stop: 3143, Start Num: 71
Candidate Starts for ANI8_5:
(62, 2670), (Start: 71 @2676 has 205 MA's), (92, 2760), (98, 2772), (114, 2826), (117, 2835), (148, 2970), (157, 2994), (166, 3036), (175, 3084), (183, 3102),

Gene: AbbyPaige_6 Start: 2874, Stop: 3344, Start Num: 71
Candidate Starts for AbbyPaige_6:
(Start: 71 @2874 has 205 MA's), (92, 2958), (98, 2970), (106, 2994), (117, 3033), (121, 3063), (146, 3159), (148, 3168), (157, 3192), (179, 3291), (183, 3300),

Gene: AbbysRanger_2 Start: 807, Stop: 1235, Start Num: 69

Candidate Starts for AbbysRanger_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Abbyshoes_3 Start: 1089, Stop: 1523, Start Num: 66
Candidate Starts for Abbyshoes_3:
(Start: 66 @1089 has 239 MA's), (98, 1182), (148, 1353), (149, 1356), (153, 1368), (157, 1377), (168, 1431), (176, 1467), (180, 1476),

Gene: Abdiel_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Abdiel_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Abrogate_30 Start: 1659, Stop: 2093, Start Num: 66
Candidate Starts for Abrogate_30:
(Start: 66 @1659 has 239 MA's), (98, 1752), (149, 1926), (157, 1947), (168, 2001), (176, 2037), (180, 2046),

Gene: Achebe_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Achebe_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Acme_4 Start: 1246, Stop: 1686, Start Num: 66
Candidate Starts for Acme_4:
(Start: 66 @1246 has 239 MA's), (98, 1345), (149, 1519), (157, 1540), (168, 1594), (176, 1630), (180, 1639),

Gene: Acolyte_5 Start: 2456, Stop: 2932, Start Num: 65
Candidate Starts for Acolyte_5:
(21, 2303), (27, 2342), (Start: 65 @2456 has 82 MA's), (92, 2543), (106, 2579), (117, 2618), (146, 2744), (148, 2753), (157, 2777), (179, 2876), (183, 2885),

Gene: Adahisdi_3 Start: 1132, Stop: 1566, Start Num: 66
Candidate Starts for Adahisdi_3:
(Start: 66 @1132 has 239 MA's), (98, 1225), (149, 1399), (157, 1420), (168, 1474), (176, 1510), (180, 1519),

Gene: Adzzy_5 Start: 2493, Stop: 2957, Start Num: 71
Candidate Starts for Adzzy_5:
(Start: 71 @2493 has 205 MA's), (Start: 75 @2511 has 6 MA's), (92, 2577), (98, 2589), (106, 2613), (117, 2652), (148, 2787), (157, 2811), (158, 2814), (175, 2904), (179, 2913), (183, 2922),

Gene: Aeneas_2 Start: 926, Stop: 1360, Start Num: 66
Candidate Starts for Aeneas_2:
(Start: 66 @926 has 239 MA's), (Start: 75 @938 has 6 MA's), (98, 1019), (148, 1190), (149, 1193), (153, 1205), (157, 1214), (168, 1268), (176, 1304), (180, 1313),

Gene: Agaliana_3 Start: 1166, Stop: 1606, Start Num: 66
Candidate Starts for Agaliana_3:
(Start: 66 @1166 has 239 MA's), (98, 1265), (149, 1439), (157, 1460), (168, 1514), (176, 1550), (180, 1559),

Gene: Agape74_6 Start: 2874, Stop: 3344, Start Num: 71
Candidate Starts for Agape74_6:
(Start: 71 @2874 has 205 MA's), (92, 2958), (98, 2970), (106, 2994), (117, 3033), (121, 3063), (146, 3159), (148, 3168), (157, 3192), (179, 3291), (183, 3300),

Gene: AgentM_2 Start: 841, Stop: 1290, Start Num: 67
Candidate Starts for AgentM_2:
(10, 625), (14, 640), (15, 643), (17, 658), (19, 664), (21, 688), (Start: 58 @811 has 1 MA's), (Start: 67 @841 has 40 MA's), (98, 934), (100, 940), (106, 958), (118, 1009), (148, 1132), (157, 1156), (161, 1171),

Gene: Aglet_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Aglet_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: AgronaGT15_2 Start: 851, Stop: 1276, Start Num: 61
Candidate Starts for AgronaGT15_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Airmid_2 Start: 839, Stop: 1288, Start Num: 67
Candidate Starts for Airmid_2:
(2, 578), (10, 623), (14, 638), (17, 656), (29, 734), (Start: 58 @809 has 1 MA's), (Start: 67 @839 has 40 MA's), (100, 938), (118, 1007), (148, 1130), (157, 1154), (161, 1169),

Gene: Ajay_3 Start: 1128, Stop: 1562, Start Num: 66
Candidate Starts for Ajay_3:
(Start: 66 @1128 has 239 MA's), (98, 1221), (149, 1395), (157, 1416), (168, 1470), (176, 1506), (180, 1515),

Gene: Akhila_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for Akhila_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (105, 856), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (178, 1162), (190, 1204),

Gene: Alatin_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Alatin_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Albee_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Albee_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (183, 1193), (187, 1208),

Gene: Alberto7_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Alberto7_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Aldrich_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for Aldrich_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Aliter_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Aliter_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Alma_5 Start: 2667, Stop: 3140, Start Num: 65
Candidate Starts for Alma_5:
(17, 2481), (29, 2559), (Start: 65 @2667 has 82 MA's), (85, 2724), (104, 2781), (117, 2829), (121, 2859), (148, 2964), (157, 2988), (175, 3078), (179, 3087), (183, 3096),

Gene: Alpacados_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Alpacados_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: AlpineSix_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for AlpineSix_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Alsfro_4 Start: 1268, Stop: 1702, Start Num: 66
Candidate Starts for Alsfro_4:
(Start: 66 @1268 has 239 MA's), (98, 1361), (149, 1535), (157, 1556), (168, 1610), (176, 1646), (180, 1655),

Gene: Altman_4 Start: 1628, Stop: 2062, Start Num: 66
Candidate Starts for Altman_4:
(Start: 66 @1628 has 239 MA's), (98, 1721), (149, 1895), (157, 1916), (168, 1970), (176, 2006), (180, 2015),

Gene: Alvin_4 Start: 1544, Stop: 1978, Start Num: 66
Candidate Starts for Alvin_4:
(Start: 66 @1544 has 239 MA's), (Start: 75 @1556 has 6 MA's), (98, 1637), (149, 1811), (157, 1832), (168, 1886), (176, 1922), (180, 1931),

Gene: Anaysia_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Anaysia_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Aneem_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Aneem_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Anglerfish_3 Start: 1078, Stop: 1518, Start Num: 66
Candidate Starts for Anglerfish_3:
(Start: 66 @1078 has 239 MA's), (98, 1177), (149, 1351), (157, 1372), (168, 1426), (176, 1462), (180, 1471),

Gene: AngryOrchard_3 Start: 1010, Stop: 1432, Start Num: 69
Candidate Starts for AngryOrchard_3:
(56, 980), (Start: 69 @1010 has 314 MA's), (104, 1121), (112, 1145), (117, 1157), (153, 1292), (175, 1382), (183, 1400), (187, 1415),

Gene: AnnaL29_5 Start: 2613, Stop: 3083, Start Num: 71
Candidate Starts for AnnaL29_5:
(7, 2382), (24, 2475), (Start: 71 @2613 has 205 MA's), (92, 2697), (98, 2709), (117, 2772), (121, 2802), (127, 2841), (132, 2853), (146, 2898), (148, 2907), (157, 2931), (179, 3030), (183, 3039),

Gene: Annyong_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Annyong_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Anon_5 Start: 2514, Stop: 2975, Start Num: 63
Candidate Starts for Anon_5:
(60, 2508), (Start: 63 @2514 has 3 MA's), (90, 2595), (104, 2628), (148, 2811), (158, 2838), (175, 2925),

Gene: Anselm_6 Start: 3009, Stop: 3479, Start Num: 71
Candidate Starts for Anselm_6:
(7, 2778), (24, 2871), (Start: 71 @3009 has 205 MA's), (92, 3093), (98, 3105), (106, 3129), (117, 3168), (121, 3198), (136, 3264), (146, 3294), (148, 3303), (157, 3327), (177, 3420), (179, 3426), (183, 3435),

Gene: Anthony_2 Start: 738, Stop: 1157, Start Num: 69
Candidate Starts for Anthony_2:
(Start: 69 @738 has 314 MA's), (86, 801), (118, 897), (153, 1020), (161, 1044), (166, 1071), (183, 1128),

Gene: Anubis_4 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Anubis_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Apiary_1 Start: 110, Stop: 667, Start Num: 43
Candidate Starts for Apiary_1:
(Start: 43 @110 has 5 MA's), (72, 161), (78, 188), (85, 212), (94, 245), (120, 326), (123, 353), (140, 413), (188, 608),

Gene: AppleCloud_2 Start: 810, Stop: 1232, Start Num: 69
Candidate Starts for AppleCloud_2:
(Start: 69 @810 has 314 MA's), (104, 921), (112, 945), (117, 957), (153, 1092), (175, 1182), (183, 1200), (187, 1215),

Gene: Applejack_3 Start: 1129, Stop: 1569, Start Num: 66
Candidate Starts for Applejack_3:
(Start: 66 @1129 has 239 MA's), (98, 1228), (149, 1402), (157, 1423), (168, 1477), (176, 1513), (180, 1522),

Gene: Aragog_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Aragog_2:

(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: Arcanine_3 Start: 1081, Stop: 1521, Start Num: 66
Candidate Starts for Arcanine_3:
(Start: 66 @1081 has 239 MA's), (98, 1180), (149, 1354), (157, 1375), (168, 1429), (176, 1465), (180, 1474),

Gene: ArcherNM_5 Start: 2626, Stop: 3096, Start Num: 71
Candidate Starts for ArcherNM_5:
(60, 2620), (Start: 71 @2626 has 205 MA's), (92, 2710), (106, 2746), (117, 2785), (121, 2815), (146, 2911), (148, 2920), (157, 2944), (177, 3037), (179, 3043), (183, 3052),

Gene: Archetta_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Archetta_2:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: ArcusAngelus_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for ArcusAngelus_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (163, 440), (188, 548), (190, 557),

Gene: Ardmore_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Ardmore_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Arissanae_5 Start: 2454, Stop: 2927, Start Num: 65
Candidate Starts for Arissanae_5:
(Start: 65 @2454 has 82 MA's), (98, 2553), (117, 2616), (146, 2742), (148, 2751), (157, 2775), (179, 2874),

Gene: Arlo_3 Start: 1078, Stop: 1518, Start Num: 66
Candidate Starts for Arlo_3:
(Start: 66 @1078 has 239 MA's), (98, 1177), (149, 1351), (157, 1372), (168, 1426), (176, 1462), (180, 1471),

Gene: Artemis2UCLA_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Artemis2UCLA_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Arti_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Arti_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Arturo_1 Start: 803, Stop: 1234, Start Num: 69

Candidate Starts for Arturo_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Ashballer_2 Start: 929, Stop: 1363, Start Num: 66
Candidate Starts for Ashballer_2:
(Start: 66 @929 has 239 MA's), (98, 1022), (149, 1196), (157, 1217), (168, 1271), (176, 1307), (180, 1316),

Gene: Astro_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Astro_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: Atkinbua_3 Start: 1125, Stop: 1565, Start Num: 66
Candidate Starts for Atkinbua_3:
(Start: 66 @1125 has 239 MA's), (98, 1224), (148, 1395), (149, 1398), (153, 1410), (157, 1419), (168, 1473), (176, 1509), (180, 1518),

Gene: Attoomi_2 Start: 459, Stop: 884, Start Num: 73
Candidate Starts for Attoomi_2:
(Start: 73 @459 has 167 MA's), (Start: 75 @471 has 6 MA's), (88, 525), (89, 528), (126, 666), (128, 672), (134, 684), (149, 723), (154, 738), (158, 747), (167, 792), (178, 843), (182, 852),

Gene: Aubs_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Aubs_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: AugsMagnumOpus_4 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for AugsMagnumOpus_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: AvatarAhPeg_2 Start: 800, Stop: 1228, Start Num: 69
Candidate Starts for AvatarAhPeg_2:
(Start: 69 @800 has 314 MA's), (92, 884), (98, 896), (117, 947), (127, 1016), (157, 1091), (158, 1094), (162, 1109), (166, 1133), (175, 1172), (179, 1181), (183, 1190), (187, 1205),

Gene: Avle17_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Avle17_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Axiom_6 Start: 1726, Stop: 2157, Start Num: 69
Candidate Starts for Axiom_6:
(Start: 69 @1726 has 314 MA's), (98, 1822), (134, 1963), (149, 2002), (166, 2065), (184, 2140),

Gene: Ayanochan_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Ayanochan_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: B1_01 Start: 758, Stop: 1186, Start Num: 69
Candidate Starts for B1_01:
(Start: 69 @758 has 314 MA's), (86, 821), (90, 836), (143, 1016), (149, 1028), (157, 1049), (166, 1091), (175, 1130), (183, 1148),

Gene: BABullseye_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for BABullseye_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: BK1_02 Start: 1099, Stop: 1539, Start Num: 66
Candidate Starts for BK1_02:
(Start: 66 @1099 has 239 MA's), (98, 1198), (149, 1372), (157, 1393), (168, 1447), (176, 1483), (180, 1492),

Gene: BPBiebs31_3 Start: 1163, Stop: 1597, Start Num: 66
Candidate Starts for BPBiebs31_3:
(Start: 66 @1163 has 239 MA's), (98, 1256), (149, 1430), (157, 1451), (168, 1505), (176, 1541), (180, 1550),

Gene: Baby16_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Baby16_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: BabyBack_5 Start: 2435, Stop: 2908, Start Num: 71
Candidate Starts for BabyBack_5:
(Start: 71 @2435 has 205 MA's), (92, 2519), (106, 2555), (117, 2594), (121, 2624), (127, 2663), (132, 2675), (146, 2720), (148, 2729), (157, 2753), (162, 2771), (183, 2864),

Gene: BabyJohn_1 Start: 774, Stop: 1205, Start Num: 69
Candidate Starts for BabyJohn_1:
(Start: 69 @774 has 314 MA's), (90, 852), (143, 1032), (149, 1044), (157, 1065), (166, 1107), (175, 1146), (183, 1164),

Gene: BabyRay_2 Start: 797, Stop: 1225, Start Num: 69
Candidate Starts for BabyRay_2:
(Start: 69 @797 has 314 MA's), (90, 875), (143, 1055), (153, 1079), (157, 1088), (166, 1130), (175, 1169), (183, 1187),

Gene: Bachome_5 Start: 2686, Stop: 3150, Start Num: 71
Candidate Starts for Bachome_5:
(Start: 71 @2686 has 205 MA's), (92, 2770), (98, 2782), (148, 2980), (157, 3004), (179, 3103), (183, 3112),

Gene: Backyardigan_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Backyardigan_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: BaconJack_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for BaconJack_3:

(Start: 66 @1081 has 239 MA's), (Start: 75 @1093 has 6 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Bactobuster_5 Start: 2445, Stop: 2915, Start Num: 65
Candidate Starts for Bactobuster_5:
(Start: 65 @2445 has 82 MA's), (91, 2529), (99, 2547), (104, 2559), (117, 2607), (142, 2721), (148, 2742), (157, 2766), (183, 2874),

Gene: Badger_2 Start: 808, Stop: 1236, Start Num: 69
Candidate Starts for Badger_2:
(Start: 69 @808 has 314 MA's), (92, 892), (98, 904), (117, 955), (127, 1024), (157, 1099), (158, 1102), (162, 1117), (166, 1141), (179, 1189), (183, 1198), (187, 1213),

Gene: Baehexic_6 Start: 2960, Stop: 3430, Start Num: 71
Candidate Starts for Baehexic_6:
(Start: 71 @2960 has 205 MA's), (92, 3044), (98, 3056), (106, 3080), (117, 3119), (121, 3149), (146, 3245), (148, 3254), (157, 3278), (179, 3377), (183, 3386),

Gene: BangNhom_1 Start: 800, Stop: 1231, Start Num: 69
Candidate Starts for BangNhom_1:
(Start: 69 @800 has 314 MA's), (98, 896), (117, 947), (127, 1016), (157, 1091), (158, 1094), (162, 1109), (166, 1133), (183, 1190), (187, 1205),

Gene: Barriga_3 Start: 1080, Stop: 1520, Start Num: 66
Candidate Starts for Barriga_3:
(Start: 66 @1080 has 239 MA's), (98, 1179), (149, 1353), (157, 1374), (168, 1428), (176, 1464), (180, 1473),

Gene: BarrowTuph_2 Start: 929, Stop: 1363, Start Num: 66
Candidate Starts for BarrowTuph_2:
(Start: 66 @929 has 239 MA's), (Start: 75 @941 has 6 MA's), (98, 1022), (149, 1196), (157, 1217), (168, 1271), (176, 1307), (180, 1316),

Gene: BartholomewSD_7 Start: 1897, Stop: 2328, Start Num: 69
Candidate Starts for BartholomewSD_7:
(Start: 69 @1897 has 314 MA's), (98, 1993), (102, 2002), (129, 2125), (149, 2173), (162, 2212), (166, 2236), (187, 2320),

Gene: Bartimeaus_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Bartimeaus_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Batiatus_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Batiatus_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Battleship_6 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for Battleship_6:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Beatrix_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Beatrix_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Beauxregard13_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Beauxregard13_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Beemo_5 Start: 2670, Stop: 3143, Start Num: 65
Candidate Starts for Beemo_5:
(17, 2484), (29, 2562), (Start: 65 @2670 has 82 MA's), (85, 2727), (104, 2784), (117, 2832), (121, 2862), (148, 2967), (157, 2991), (179, 3090), (183, 3099),

Gene: BeesKnees_3 Start: 1082, Stop: 1516, Start Num: 66
Candidate Starts for BeesKnees_3:
(Start: 66 @1082 has 239 MA's), (98, 1175), (149, 1349), (157, 1370), (168, 1424), (176, 1460), (180, 1469),

Gene: Belenaria_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Belenaria_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Bellris_5 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for Bellris_5:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: BellusTerra_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for BellusTerra_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Benedict_2 Start: 841, Stop: 1290, Start Num: 67
Candidate Starts for Benedict_2:
(Start: 67 @841 has 40 MA's), (100, 940), (118, 1009), (148, 1132), (157, 1156), (161, 1171),

Gene: BengiVuitton_5 Start: 2660, Stop: 3130, Start Num: 71
Candidate Starts for BengiVuitton_5:
(7, 2429), (24, 2522), (Start: 71 @2660 has 205 MA's), (92, 2744), (106, 2780), (117, 2819), (121, 2849), (146, 2945), (148, 2954), (157, 2978), (177, 3071), (179, 3077), (183, 3086),

Gene: BennyP_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for BennyP_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Benvolio_6 Start: 3007, Stop: 3477, Start Num: 71
Candidate Starts for Benvolio_6:

(7, 2776), (24, 2869), (Start: 71 @3007 has 205 MA's), (92, 3091), (106, 3127), (117, 3166), (121, 3196), (146, 3292), (148, 3301), (157, 3325), (177, 3418), (179, 3424), (183, 3433),

Gene: Bethlehem_3 Start: 1079, Stop: 1513, Start Num: 66
Candidate Starts for Bethlehem_3:
(Start: 66 @1079 has 239 MA's), (98, 1172), (149, 1346), (157, 1367), (168, 1421), (176, 1457), (180, 1466),

Gene: Bexan_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Bexan_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: BiPauneto_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for BiPauneto_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: BiancaTri92_5 Start: 2652, Stop: 3125, Start Num: 65
Candidate Starts for BiancaTri92_5:
(Start: 65 @2652 has 82 MA's), (92, 2739), (106, 2775), (117, 2814), (146, 2940), (148, 2949), (157, 2973), (177, 3066), (179, 3072), (183, 3081),

Gene: Big3_3 Start: 1094, Stop: 1534, Start Num: 66
Candidate Starts for Big3_3:
(49, 1055), (Start: 66 @1094 has 239 MA's), (98, 1193), (149, 1367), (157, 1388), (168, 1442), (176, 1478), (180, 1487),

Gene: BigMau_4 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for BigMau_4:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: BigPaolini_4 Start: 1637, Stop: 2077, Start Num: 66
Candidate Starts for BigPaolini_4:
(16, 1448), (28, 1526), (42, 1583), (44, 1586), (Start: 66 @1637 has 239 MA's), (98, 1736), (149, 1910), (157, 1931), (168, 1985), (176, 2021), (180, 2030),

Gene: Bigchungi_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for Bigchungi_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (148, 1198), (149, 1201), (153, 1213), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: Bigflo_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Bigflo_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Bigfoot_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Bigfoot_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: BillKnuckles_3 Start: 1080, Stop: 1520, Start Num: 66

Candidate Starts for BillKnuckles_3:
(Start: 66 @1080 has 239 MA's), (98, 1179), (148, 1350), (149, 1353), (153, 1365), (157, 1374), (168, 1428), (176, 1464), (180, 1473),

Gene: Bipolar_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Bipolar_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Bircsak_3 Start: 1166, Stop: 1606, Start Num: 66
Candidate Starts for Bircsak_3:
(Start: 66 @1166 has 239 MA's), (98, 1265), (149, 1439), (157, 1460), (168, 1514), (176, 1550), (180, 1559),

Gene: Blackflame_3 Start: 1048, Stop: 1482, Start Num: 66
Candidate Starts for Blackflame_3:
(Start: 66 @1048 has 239 MA's), (98, 1141), (148, 1312), (149, 1315), (153, 1327), (157, 1336), (168, 1390), (176, 1426), (180, 1435),

Gene: Blackmoor_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Blackmoor_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: BlessJoy_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for BlessJoy_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Blesser_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for Blesser_2:
(Start: 66 @928 has 239 MA's), (98, 1021), (149, 1195), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: Blexus_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Blexus_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Blinn1_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Blinn1_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: BluSpix_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for BluSpix_2:
(Start: 66 @928 has 239 MA's), (98, 1021), (148, 1192), (149, 1195), (153, 1207), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: Blue_4 Start: 1563, Stop: 1997, Start Num: 66
Candidate Starts for Blue_4:

(Start: 66 @1563 has 239 MA's), (98, 1656), (149, 1830), (157, 1851), (168, 1905), (176, 1941), (180, 1950),

Gene: Blue7_5 Start: 2471, Stop: 2941, Start Num: 71
Candidate Starts for Blue7_5:
(Start: 71 @2471 has 205 MA's), (92, 2558), (117, 2633), (121, 2663), (142, 2747), (148, 2768), (157, 2792), (162, 2810),

Gene: BlueBird_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for BlueBird_2:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: BlueCrab_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for BlueCrab_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Bluefalcon_1 Start: 838, Stop: 1287, Start Num: 67
Candidate Starts for Bluefalcon_1:
(10, 622), (14, 637), (17, 655), (21, 685), (Start: 58 @808 has 1 MA's), (Start: 67 @838 has 40 MA's), (98, 931), (100, 937), (106, 955), (118, 1006), (148, 1129), (157, 1153), (161, 1168),

Gene: Bob3_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Bob3_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: BobSwaget_6 Start: 2871, Stop: 3341, Start Num: 71
Candidate Starts for BobSwaget_6:
(60, 2865), (Start: 71 @2871 has 205 MA's), (98, 2967), (106, 2991), (117, 3030), (148, 3165), (157, 3189), (177, 3282), (179, 3288), (183, 3297),

Gene: BobaPhett_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for BobaPhett_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (188, 547), (190, 556),

Gene: BobbyDazzler_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for BobbyDazzler_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: BodEinwohner17_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for BodEinwohner17_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: BogosyJay_5 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for BogosyJay_5:

(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: Bombshell_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Bombshell_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Bonamassa_2 Start: 872, Stop: 1321, Start Num: 67
Candidate Starts for Bonamassa_2:
(10, 656), (14, 671), (15, 674), (17, 689), (19, 695), (21, 719), (Start: 58 @842 has 1 MA's), (Start: 67 @872 has 40 MA's), (98, 965), (100, 971), (106, 989), (118, 1040), (148, 1163), (157, 1187), (161, 1202),

Gene: Bonanza_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Bonanza_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Bones_3 Start: 1130, Stop: 1564, Start Num: 66
Candidate Starts for Bones_3:
(Start: 66 @1130 has 239 MA's), (98, 1223), (149, 1397), (157, 1418), (168, 1472), (176, 1508), (180, 1517),

Gene: Bonum_1 Start: 160, Stop: 708, Start Num: 48
Candidate Starts for Bonum_1:
(38, 124), (Start: 48 @160 has 3 MA's), (76, 235), (90, 289), (116, 355), (120, 388), (134, 445), (135, 454), (139, 469), (140, 475), (159, 541), (193, 700),

Gene: Boohoo_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Boohoo_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Bowden_6 Start: 1799, Stop: 2230, Start Num: 69
Candidate Starts for Bowden_6:
(Start: 69 @1799 has 314 MA's), (98, 1895), (102, 1904), (129, 2027), (149, 2075), (162, 2114), (166, 2138), (187, 2222),

Gene: Bowtie_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Bowtie_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Bradman_5 Start: 2661, Stop: 3128, Start Num: 71
Candidate Starts for Bradman_5:
(Start: 71 @2661 has 205 MA's), (92, 2745), (98, 2757), (104, 2772), (117, 2820), (121, 2850), (124, 2880), (146, 2946), (148, 2955), (157, 2979), (183, 3087),

Gene: Bradshaw_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Bradshaw_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Braxoaddie_1 Start: 110, Stop: 667, Start Num: 43
Candidate Starts for Braxoaddie_1:
(Start: 43 @110 has 5 MA's), (72, 161), (78, 188), (Start: 79 @191 has 6 MA's), (85, 212), (94, 245), (120, 326), (123, 353), (140, 413), (188, 608),

Gene: BreSam8_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for BreSam8_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Briton15_3 Start: 1079, Stop: 1513, Start Num: 66
Candidate Starts for Briton15_3:
(Start: 66 @1079 has 239 MA's), (98, 1172), (149, 1346), (157, 1367), (168, 1421), (176, 1457), (180, 1466),

Gene: BroPlease_5 Start: 1941, Stop: 2375, Start Num: 69
Candidate Starts for BroPlease_5:
(Start: 69 @1941 has 314 MA's), (91, 2022), (98, 2037), (134, 2178), (149, 2217), (166, 2280),

Gene: Brocalys_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Brocalys_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Broseidon_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Broseidon_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Bruiser_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Bruiser_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Bruns_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for Bruns_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: BryanRecycles_6 Start: 2116, Stop: 2541, Start Num: 73
Candidate Starts for BryanRecycles_6:
(41, 2032), (59, 2080), (Start: 73 @2116 has 167 MA's), (97, 2203), (98, 2206), (149, 2386),

Gene: Bryce_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Bryce_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: BubbleTrouble_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for BubbleTrouble_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Bubbles123_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Bubbles123_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Buckaroo_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Buckaroo_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Bud_5 Start: 2695, Stop: 3159, Start Num: 71
Candidate Starts for Bud_5:
(Start: 71 @2695 has 205 MA's), (92, 2779), (98, 2791), (148, 2989), (157, 3013), (179, 3112), (183, 3121),

Gene: Bugatti_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Bugatti_2:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: Buggaboo_1 Start: 157, Stop: 702, Start Num: 47
Candidate Starts for Buggaboo_1:
(Start: 47 @157 has 43 MA's), (85, 265), (120, 382), (135, 448), (140, 469), (159, 535), (193, 694),

Gene: Bugsy_6 Start: 2885, Stop: 3355, Start Num: 71
Candidate Starts for Bugsy_6:
(Start: 71 @2885 has 205 MA's), (92, 2969), (98, 2981), (106, 3005), (117, 3044), (121, 3074), (146, 3170), (148, 3179), (157, 3203), (179, 3302), (183, 3311),

Gene: Bumblebee11_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Bumblebee11_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Burger_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Burger_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Burton_3 Start: 1081, Stop: 1521, Start Num: 66
Candidate Starts for Burton_3:
(Start: 66 @1081 has 239 MA's), (98, 1180), (149, 1354), (157, 1375), (168, 1429), (176, 1465), (180, 1474),

Gene: Burwell21_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Burwell21_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Buttons_3 Start: 1079, Stop: 1513, Start Num: 66
Candidate Starts for Buttons_3:

(Start: 66 @1079 has 239 MA's), (98, 1172), (149, 1346), (157, 1367), (168, 1421), (176, 1457), (180, 1466),

Gene: BuzzBuzz_1 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for BuzzBuzz_1:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Bxb1_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Bxb1_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Bxz2_2 Start: 861, Stop: 1286, Start Num: 61
Candidate Starts for Bxz2_2:
(Start: 61 @861 has 20 MA's), (Start: 69 @867 has 314 MA's), (Start: 75 @885 has 6 MA's), (86, 930), (98, 963), (157, 1158), (179, 1248),

Gene: ByChance_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for ByChance_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (147, 389), (159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: C3_05 Start: 2676, Stop: 3143, Start Num: 71
Candidate Starts for C3_05:
(62, 2670), (Start: 71 @2676 has 205 MA's), (92, 2760), (98, 2772), (114, 2826), (117, 2835), (148, 2970), (157, 2994), (166, 3036), (175, 3084), (183, 3102),

Gene: C3PO_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for C3PO_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460),

Gene: CRB1_5 Start: 2808, Stop: 3278, Start Num: 71
Candidate Starts for CRB1_5:
(7, 2577), (24, 2670), (Start: 71 @2808 has 205 MA's), (92, 2892), (98, 2904), (106, 2928), (117, 2967), (121, 2997), (146, 3093), (148, 3102), (157, 3126), (179, 3225), (183, 3234),

Gene: Cabrinians_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Cabrinians_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: CactusRose_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for CactusRose_2:
(Start: 66 @929 has 239 MA's), (98, 1028), (149, 1202), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: Caelakin_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Caelakin_2:

(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Caelum_6 Start: 1647, Stop: 2081, Start Num: 69
Candidate Starts for Caelum_6:
(Start: 69 @1647 has 314 MA's), (98, 1743), (149, 1923), (162, 1962), (166, 1986),

Gene: Caitlin_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Caitlin_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: Calvinny_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Calvinny_2:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Camperdownii_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Camperdownii_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Candra_5 Start: 2515, Stop: 2985, Start Num: 71
Candidate Starts for Candra_5:
(Start: 71 @2515 has 205 MA's), (92, 2602), (98, 2614), (117, 2677), (121, 2707), (127, 2746), (132, 2758), (148, 2812), (157, 2836), (183, 2947),

Gene: CaptainTrips_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for CaptainTrips_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (105, 856), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (163, 1087), (178, 1162), (190, 1204),

Gene: Caraxes_5 Start: 2488, Stop: 2952, Start Num: 71
Candidate Starts for Caraxes_5:
(Start: 71 @2488 has 205 MA's), (92, 2572), (98, 2584), (106, 2608), (117, 2647), (148, 2782), (157, 2806), (158, 2809), (175, 2899), (179, 2908), (183, 2917),

Gene: Carlyle_4 Start: 1310, Stop: 1750, Start Num: 66
Candidate Starts for Carlyle_4:
(Start: 66 @1310 has 239 MA's), (98, 1409), (149, 1583), (157, 1604), (168, 1658), (176, 1694), (180, 1703),

Gene: CartmannCramer_2 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for CartmannCramer_2:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: CatBus_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for CatBus_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Cat_1 Start: 797, Stop: 1225, Start Num: 69

Candidate Starts for Cat_1:
(Start: 69 @797 has 314 MA's), (90, 875), (143, 1055), (153, 1079), (157, 1088), (166, 1130), (175, 1169), (183, 1187),

Gene: Catalina_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Catalina_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Celestialunch_5 Start: 2406, Stop: 2903, Start Num: 58
Candidate Starts for Celestialunch_5:
(14, 2235), (19, 2259), (Start: 58 @2406 has 1 MA's), (Start: 65 @2433 has 82 MA's), (117, 2592), (146, 2718), (148, 2727), (157, 2751), (160, 2763), (179, 2850), (183, 2859),

Gene: Centaur_6 Start: 2956, Stop: 3426, Start Num: 71
Candidate Starts for Centaur_6:
(Start: 71 @2956 has 205 MA's), (92, 3040), (98, 3052), (106, 3076), (117, 3115), (121, 3145), (146, 3241), (148, 3250), (157, 3274), (179, 3373), (183, 3382),

Gene: CentreCat_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for CentreCat_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Cerulean_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for Cerulean_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (183, 1191), (187, 1206),

Gene: Chadwick_2 Start: 838, Stop: 1287, Start Num: 67
Candidate Starts for Chadwick_2:
(2, 577), (10, 622), (14, 637), (17, 655), (29, 733), (Start: 58 @808 has 1 MA's), (Start: 67 @838 has 40 MA's), (100, 937), (118, 1006), (134, 1078), (148, 1129), (157, 1153), (161, 1168),

Gene: ChampagnePapi_2 Start: 800, Stop: 1231, Start Num: 69
Candidate Starts for ChampagnePapi_2:
(Start: 69 @800 has 314 MA's), (98, 896), (117, 947), (127, 1016), (157, 1091), (158, 1094), (162, 1109), (166, 1133), (183, 1190), (187, 1205),

Gene: Chanagan_3 Start: 1080, Stop: 1520, Start Num: 66
Candidate Starts for Chanagan_3:
(Start: 66 @1080 has 239 MA's), (98, 1179), (149, 1353), (157, 1374), (168, 1428), (176, 1464), (180, 1473),

Gene: Changeling_5 Start: 2625, Stop: 3095, Start Num: 71
Candidate Starts for Changeling_5:
(7, 2397), (24, 2490), (60, 2619), (Start: 71 @2625 has 205 MA's), (92, 2709), (104, 2736), (106, 2745), (117, 2784), (121, 2814), (146, 2910), (148, 2919), (157, 2943), (177, 3036), (179, 3042), (183, 3051),

Gene: Chaph_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Chaph_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Chargerpower_6 Start: 2779, Stop: 3252, Start Num: 65
Candidate Starts for Chargerpower_6:
(19, 2605), (21, 2629), (Start: 65 @2779 has 82 MA's), (99, 2881), (112, 2929), (117, 2941), (148, 3076), (157, 3100),

Gene: Charm_5 Start: 2435, Stop: 2905, Start Num: 65
Candidate Starts for Charm_5:
(Start: 65 @2435 has 82 MA's), (117, 2594), (146, 2720), (148, 2729), (157, 2753), (160, 2765), (179, 2852), (183, 2861),

Gene: Chartreuse_5 Start: 2483, Stop: 2953, Start Num: 71
Candidate Starts for Chartreuse_5:
(Start: 71 @2483 has 205 MA's), (92, 2570), (98, 2582), (117, 2645), (121, 2675), (127, 2714), (132, 2726), (148, 2780), (157, 2804), (183, 2915),

Gene: Che12_5 Start: 2448, Stop: 2912, Start Num: 71
Candidate Starts for Che12_5:
(Start: 71 @2448 has 205 MA's), (Start: 75 @2466 has 6 MA's), (92, 2532), (98, 2544), (106, 2568), (117, 2607), (148, 2742), (157, 2766), (158, 2769), (175, 2859), (179, 2868), (183, 2877),

Gene: Che8_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Che8_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (110, 222), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Cheesepuff_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Cheesepuff_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Chevrolet_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Chevrolet_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (163, 440), (188, 548), (190, 557),

Gene: ChewyVIII_1 Start: 141, Stop: 653, Start Num: 48
Candidate Starts for ChewyVIII_1:
(36, 99), (Start: 48 @141 has 3 MA's), (77, 222), (85, 249), (90, 270), (115, 315), (120, 351), (138, 429), (144, 459), (159, 504), (171, 582),

Gene: ChipMunk_6 Start: 2895, Stop: 3365, Start Num: 71
Candidate Starts for ChipMunk_6:
(Start: 71 @2895 has 205 MA's), (92, 2979), (106, 3015), (117, 3054), (121, 3084), (146, 3180), (148, 3189), (157, 3213), (179, 3312), (183, 3321),

Gene: Chiqui_1 Start: 774, Stop: 1205, Start Num: 69
Candidate Starts for Chiqui_1:
(Start: 69 @774 has 314 MA's), (90, 852), (143, 1032), (149, 1044), (157, 1065), (166, 1107), (175, 1146), (183, 1164),

Gene: ChristmasHams_3 Start: 1166, Stop: 1606, Start Num: 66
Candidate Starts for ChristmasHams_3:
(Start: 66 @1166 has 239 MA's), (98, 1265), (149, 1439), (157, 1460), (168, 1514), (176, 1550), (180, 1559),

Gene: Chuckly_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Chuckly_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Chupacabra_2 Start: 790, Stop: 1224, Start Num: 65
Candidate Starts for Chupacabra_2:
(Start: 65 @790 has 82 MA's), (Start: 69 @793 has 314 MA's), (91, 874), (114, 931), (149, 1063), (153, 1075), (157, 1084), (179, 1174), (183, 1183),

Gene: Ciao_3 Start: 1063, Stop: 1503, Start Num: 66
Candidate Starts for Ciao_3:
(Start: 66 @1063 has 239 MA's), (98, 1162), (149, 1336), (157, 1357), (168, 1411), (176, 1447), (180, 1456),

Gene: Cici_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Cici_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Cindaradix_2 Start: 803, Stop: 1231, Start Num: 69
Candidate Starts for Cindaradix_2:
(Start: 69 @803 has 314 MA's), (92, 887), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (179, 1184), (183, 1193), (187, 1208),

Gene: Cintron_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Cintron_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Citius_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Citius_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Clammy_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Clammy_2:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: Clank_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Clank_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Clarenza_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Clarenza_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Clifton_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Clifton_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: CloudWang3_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for CloudWang3_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: ClownCar_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for ClownCar_2:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Cocoaberry_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Cocoaberry_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: CoffeeBean_1 Start: 110, Stop: 667, Start Num: 43
Candidate Starts for CoffeeBean_1:
(Start: 43 @110 has 5 MA's), (72, 161), (78, 188), (Start: 79 @191 has 6 MA's), (85, 212), (94, 245), (120, 326), (123, 353), (140, 413), (188, 608),

Gene: CogOmlette_4 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for CogOmlette_4:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: Colbster_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Colbster_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Colin_5 Start: 2774, Stop: 3244, Start Num: 71
Candidate Starts for Colin_5:
(3, 2519), (10, 2558), (17, 2591), (Start: 71 @2774 has 205 MA's), (92, 2858), (98, 2870), (106, 2894), (117, 2933), (121, 2963), (136, 3029), (146, 3059), (148, 3068), (157, 3092), (179, 3191), (183, 3200),

Gene: Commandaria_1 Start: 158, Stop: 700, Start Num: 47
Candidate Starts for Commandaria_1:
(Start: 47 @158 has 43 MA's), (85, 266), (120, 383), (136, 452), (140, 470), (159, 536), (193, 692),

Gene: Commander_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Commander_2:

(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: ConceptII_3 Start: 1166, Stop: 1600, Start Num: 66
Candidate Starts for ConceptII_3:
(Start: 66 @1166 has 239 MA's), (98, 1259), (149, 1433), (157, 1454), (168, 1508), (176, 1544), (180, 1553),

Gene: Connomayer_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Connomayer_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Conquerage_5 Start: 2666, Stop: 3139, Start Num: 65
Candidate Starts for Conquerage_5:
(17, 2480), (29, 2558), (Start: 65 @2666 has 82 MA's), (85, 2723), (104, 2780), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (175, 3077), (179, 3086), (183, 3095),

Gene: Conspiracy_2 Start: 872, Stop: 1321, Start Num: 67
Candidate Starts for Conspiracy_2:
(10, 656), (14, 671), (15, 674), (17, 689), (19, 695), (21, 719), (Start: 58 @842 has 1 MA's), (Start: 67 @872 has 40 MA's), (98, 965), (100, 971), (106, 989), (118, 1040), (148, 1163), (157, 1187), (161, 1202),

Gene: Coog_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Coog_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Cookiedough_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Cookiedough_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Corium_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for Corium_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Corvo_3 Start: 1082, Stop: 1522, Start Num: 66
Candidate Starts for Corvo_3:
(Start: 66 @1082 has 239 MA's), (98, 1181), (149, 1355), (157, 1376), (168, 1430), (176, 1466), (180, 1475),

Gene: CosmicSans_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for CosmicSans_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Crispicous1_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Crispicous1_2:

(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Croquant_3 Start: 919, Stop: 1275, Start Num: 86
Candidate Starts for Croquant_3:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Crucio_6 Start: 2904, Stop: 3374, Start Num: 71
Candidate Starts for Crucio_6:
(3, 2646), (10, 2685), (17, 2718), (Start: 71 @2904 has 205 MA's), (92, 2988), (98, 3000), (106, 3024), (117, 3063), (121, 3093), (146, 3189), (148, 3198), (157, 3222), (179, 3321), (183, 3330),

Gene: Cruella_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for Cruella_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460),

Gene: Crumble_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Crumble_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (178, 515), (188, 548), (190, 557),

Gene: Cuco_2 Start: 870, Stop: 1319, Start Num: 67
Candidate Starts for Cuco_2:
(10, 654), (14, 669), (15, 672), (17, 687), (19, 693), (21, 717), (Start: 58 @840 has 1 MA's), (Start: 67 @870 has 40 MA's), (98, 963), (100, 969), (106, 987), (118, 1038), (148, 1161), (157, 1185), (161, 1200),

Gene: Cueylyss_3 Start: 1130, Stop: 1564, Start Num: 66
Candidate Starts for Cueylyss_3:
(Start: 66 @1130 has 239 MA's), (98, 1223), (149, 1397), (157, 1418), (168, 1472), (176, 1508), (180, 1517),

Gene: Cullens_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Cullens_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: D29_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for D29_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: D32_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for D32_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: DBQu4n_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for DBQu4n_5:

(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: DD5_3 Start: 1070, Stop: 1504, Start Num: 66
Candidate Starts for DD5_3:
(Start: 66 @1070 has 239 MA's), (98, 1163), (149, 1337), (157, 1358), (168, 1412), (176, 1448), (180, 1457),

Gene: DLane_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for DLane_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: DRBy19_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for DRBy19_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (178, 515), (190, 557),

Gene: DaHudson_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for DaHudson_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: DaVinci_5 Start: 2483, Stop: 2953, Start Num: 71
Candidate Starts for DaVinci_5:
(Start: 71 @2483 has 205 MA's), (92, 2570), (98, 2582), (117, 2645), (121, 2675), (127, 2714), (132, 2726), (148, 2780), (157, 2804), (183, 2915),

Gene: DaddyRickover_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for DaddyRickover_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Daenerys_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Daenerys_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Daishi_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Daishi_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Dalilpop_1 Start: 122, Stop: 685, Start Num: 47
Candidate Starts for Dalilpop_1:
(Start: 47 @122 has 43 MA's), (103, 278), (120, 359), (134, 416), (135, 425), (140, 446), (159, 512), (191, 656),

Gene: Dalmatian_6 Start: 3006, Stop: 3476, Start Num: 71

Candidate Starts for Dalmatian_6:
(7, 2775), (24, 2868), (Start: 71 @3006 has 205 MA's), (92, 3090), (106, 3126), (117, 3165), (121, 3195), (146, 3291), (148, 3300), (157, 3324), (179, 3423), (183, 3432),

Gene: Danforth_1 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Danforth_1:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: Dante_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Dante_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (159, 424), (178, 514), (190, 556),

Gene: Darrell_5 Start: 2550, Stop: 3023, Start Num: 65
Candidate Starts for Darrell_5:
(Start: 65 @2550 has 82 MA's), (117, 2712), (148, 2847), (157, 2871), (179, 2970),

Gene: DarthPhader_5 Start: 2582, Stop: 3058, Start Num: 65
Candidate Starts for DarthPhader_5:
(Start: 58 @2555 has 1 MA's), (Start: 65 @2582 has 82 MA's), (98, 2681), (99, 2684), (117, 2744), (121, 2774), (146, 2870), (148, 2879), (157, 2903), (161, 2918), (175, 2993), (183, 3011),

Gene: Darwin_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for Darwin_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460),

Gene: Datway_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Datway_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Daudau_5 Start: 1704, Stop: 2135, Start Num: 69
Candidate Starts for Daudau_5:
(Start: 69 @1704 has 314 MA's), (97, 1797), (98, 1800), (129, 1932), (149, 1980), (162, 2019), (166, 2043),

Gene: DeadP_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for DeadP_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Deano_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Deano_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Deb65_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Deb65_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: DeerParkTS_5 Start: 2591, Stop: 3061, Start Num: 70
Candidate Starts for DeerParkTS_5:
(7, 2363), (24, 2456), (Start: 70 @2591 has 1 MA's), (92, 2675), (98, 2687), (117, 2750), (121, 2780), (146, 2876), (148, 2885), (157, 2909), (177, 3002), (179, 3008), (183, 3017),

Gene: DekHockey33_5 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for DekHockey33_5:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (104, 2868), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Deloris_5 Start: 2660, Stop: 3130, Start Num: 71
Candidate Starts for Deloris_5:
(7, 2429), (24, 2522), (Start: 71 @2660 has 205 MA's), (92, 2744), (106, 2780), (117, 2819), (121, 2849), (146, 2945), (148, 2954), (157, 2978), (177, 3071), (179, 3077), (183, 3086),

Gene: DelvinSonDorr_4 Start: 2484, Stop: 2954, Start Num: 71
Candidate Starts for DelvinSonDorr_4:
(Start: 71 @2484 has 205 MA's), (92, 2571), (98, 2583), (117, 2646), (121, 2676), (127, 2715), (132, 2727), (148, 2781), (157, 2805), (183, 2916),

Gene: Dexes_4 Start: 1622, Stop: 2062, Start Num: 66
Candidate Starts for Dexes_4:
(16, 1433), (28, 1511), (42, 1568), (44, 1571), (Start: 66 @1622 has 239 MA's), (98, 1721), (149, 1895), (157, 1916), (168, 1970), (176, 2006), (180, 2015),

Gene: Dhanush_2 Start: 802, Stop: 1233, Start Num: 69
Candidate Starts for Dhanush_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (175, 1174), (183, 1192), (187, 1207),

Gene: Dieselweasel_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Dieselweasel_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Dignity_6 Start: 2883, Stop: 3353, Start Num: 71
Candidate Starts for Dignity_6:
(Start: 71 @2883 has 205 MA's), (92, 2967), (98, 2979), (106, 3003), (117, 3042), (121, 3072), (146, 3168), (148, 3177), (157, 3201), (179, 3300), (183, 3309),

Gene: DillTech15_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for DillTech15_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Dinger_3 Start: 1012, Stop: 1434, Start Num: 69
Candidate Starts for Dinger_3:
(Start: 69 @1012 has 314 MA's), (104, 1123), (112, 1147), (117, 1159), (153, 1294), (175, 1384), (183, 1402), (187, 1417),

Gene: DirtDevil_3 Start: 1081, Stop: 1515, Start Num: 66

Candidate Starts for DirtDevil_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: DirtyDunning_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for DirtyDunning_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (175, 1173), (183, 1191), (187, 1206),

Gene: Discoknowium_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Discoknowium_2:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: Dixon_2 Start: 835, Stop: 1263, Start Num: 65
Candidate Starts for Dixon_2:
(Start: 65 @835 has 82 MA's), (118, 994), (129, 1057), (136, 1078), (148, 1105),

Gene: DoRead_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for DoRead_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Donkeykong_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Donkeykong_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: DontArgue_2 Start: 961, Stop: 1392, Start Num: 69
Candidate Starts for DontArgue_2:
(Start: 69 @961 has 314 MA's), (91, 1042), (114, 1099), (149, 1231), (153, 1243), (157, 1252), (179, 1342), (183, 1351),

Gene: Doom_3 Start: 1128, Stop: 1568, Start Num: 66
Candidate Starts for Doom_3:
(Start: 66 @1128 has 239 MA's), (98, 1227), (149, 1401), (157, 1422), (168, 1476), (176, 1512), (180, 1521),

Gene: Doomphist_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Doomphist_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Dorothea_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Dorothea_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Dorothy_1 Start: 108, Stop: 563, Start Num: 73

Candidate Starts for Dorothy_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: DotProduct_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for DotProduct_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (163, 440), (178, 515), (190, 557),

Gene: Doug_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Doug_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (163, 439), (178, 514), (188, 547), (190, 556),

Gene: DrFeelGood_2 Start: 927, Stop: 1367, Start Num: 66
Candidate Starts for DrFeelGood_2:
(Start: 66 @927 has 239 MA's), (98, 1026), (149, 1200), (157, 1221), (168, 1275), (176, 1311), (180, 1320),

Gene: Drake55_6 Start: 2962, Stop: 3432, Start Num: 71
Candidate Starts for Drake55_6:
(Start: 71 @2962 has 205 MA's), (92, 3046), (98, 3058), (106, 3082), (117, 3121), (121, 3151), (146, 3247), (148, 3256), (157, 3280), (179, 3379), (183, 3388),

Gene: Drake94_2 Start: 805, Stop: 1236, Start Num: 69
Candidate Starts for Drake94_2:
(Start: 69 @805 has 314 MA's), (91, 886), (114, 943), (149, 1075), (153, 1087), (157, 1096), (179, 1186), (183, 1195),

Gene: DreamCatcher_4 Start: 1854, Stop: 2294, Start Num: 66
Candidate Starts for DreamCatcher_4:
(Start: 66 @1854 has 239 MA's), (98, 1953), (149, 2127), (157, 2148), (168, 2202), (176, 2238), (180, 2247),

Gene: DreamTeam1_5 Start: 2435, Stop: 2905, Start Num: 65
Candidate Starts for DreamTeam1_5:
(Start: 65 @2435 has 82 MA's), (117, 2594), (146, 2720), (148, 2729), (157, 2753), (160, 2765), (179, 2852), (183, 2861),

Gene: Dreamboat_4 Start: 1356, Stop: 1790, Start Num: 66
Candidate Starts for Dreamboat_4:
(Start: 66 @1356 has 239 MA's), (98, 1449), (149, 1623), (157, 1644), (168, 1698), (176, 1734), (180, 1743),

Gene: DroogsArmy_2 Start: 743, Stop: 1177, Start Num: 68
Candidate Starts for DroogsArmy_2:
(Start: 68 @743 has 4 MA's), (90, 821), (92, 827), (98, 842), (104, 857), (117, 893), (124, 953), (127, 962), (157, 1037), (162, 1055), (166, 1079), (183, 1136),

Gene: DropBear_2 Start: 754, Stop: 1182, Start Num: 69

Candidate Starts for DropBear_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (143, 1012), (149, 1024), (157, 1045), (166, 1087), (183, 1144),

Gene: Druantia_2 Start: 804, Stop: 1235, Start Num: 69
Candidate Starts for Druantia_2:
(Start: 69 @804 has 314 MA's), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (175, 1176), (183, 1194), (187, 1209),

Gene: Dublin_1 Start: 839, Stop: 1288, Start Num: 67
Candidate Starts for Dublin_1:
(10, 623), (14, 638), (17, 656), (Start: 58 @809 has 1 MA's), (Start: 67 @839 has 40 MA's), (98, 932), (100, 938), (106, 956), (118, 1007), (148, 1130), (157, 1154), (161, 1169),

Gene: DudeLittle_6 Start: 3006, Stop: 3476, Start Num: 71
Candidate Starts for DudeLittle_6:
(7, 2775), (24, 2868), (Start: 71 @3006 has 205 MA's), (92, 3090), (106, 3126), (117, 3165), (121, 3195), (146, 3291), (148, 3300), (157, 3324), (179, 3423), (183, 3432),

Gene: Dulcie_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for Dulcie_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: Duplo_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for Duplo_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: Dussy_3 Start: 1089, Stop: 1523, Start Num: 66
Candidate Starts for Dussy_3:
(Start: 66 @1089 has 239 MA's), (98, 1182), (148, 1353), (149, 1356), (153, 1368), (157, 1377), (168, 1431), (176, 1467), (180, 1476),

Gene: DustyMartin_2 Start: 804, Stop: 1238, Start Num: 69
Candidate Starts for DustyMartin_2:
(Start: 65 @801 has 82 MA's), (Start: 69 @804 has 314 MA's), (91, 885), (98, 900), (104, 915), (114, 942), (149, 1074), (153, 1086), (157, 1095), (179, 1185), (183, 1194),

Gene: Dynamix_3 Start: 1078, Stop: 1518, Start Num: 66
Candidate Starts for Dynamix_3:
(Start: 66 @1078 has 239 MA's), (98, 1177), (149, 1351), (157, 1372), (168, 1426), (176, 1462), (180, 1471),

Gene: EZMoney23_5 Start: 2628, Stop: 3098, Start Num: 71
Candidate Starts for EZMoney23_5:
(60, 2622), (Start: 71 @2628 has 205 MA's), (92, 2712), (106, 2748), (117, 2787), (121, 2817), (146, 2913), (148, 2922), (157, 2946), (177, 3039), (179, 3045), (183, 3054),

Gene: Eagle_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Eagle_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: EagleEye_5 Start: 2452, Stop: 2928, Start Num: 65
Candidate Starts for EagleEye_5:
(Start: 65 @2452 has 82 MA's), (106, 2575), (148, 2749), (157, 2773), (161, 2788), (179, 2875), (183, 2884),

Gene: Eaglepride_2 Start: 803, Stop: 1237, Start Num: 65
Candidate Starts for Eaglepride_2:
(Start: 65 @803 has 82 MA's), (Start: 69 @806 has 314 MA's), (91, 887), (104, 917), (114, 944), (149, 1076), (153, 1088), (157, 1097), (179, 1187), (183, 1196),

Gene: Eapen_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Eapen_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Ebony_5 Start: 2695, Stop: 3159, Start Num: 71
Candidate Starts for Ebony_5:
(Start: 71 @2695 has 205 MA's), (92, 2779), (148, 2989), (157, 3013), (179, 3112), (183, 3121),

Gene: Echild_6 Start: 3007, Stop: 3477, Start Num: 71
Candidate Starts for Echild_6:
(7, 2776), (24, 2869), (Start: 71 @3007 has 205 MA's), (92, 3091), (106, 3127), (117, 3166), (121, 3196), (146, 3292), (148, 3301), (157, 3325), (177, 3418), (179, 3424), (183, 3433),

Gene: Eddasa_6 Start: 2116, Stop: 2541, Start Num: 73
Candidate Starts for Eddasa_6:
(41, 2032), (59, 2080), (Start: 73 @2116 has 167 MA's), (97, 2203), (98, 2206), (149, 2386),

Gene: Edison31_2 Start: 797, Stop: 1228, Start Num: 69
Candidate Starts for Edison31_2:
(Start: 65 @794 has 82 MA's), (Start: 69 @797 has 314 MA's), (91, 878), (98, 893), (104, 908), (114, 935), (149, 1067), (153, 1079), (157, 1088), (179, 1178), (183, 1187),

Gene: EdogawaKiddo_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for EdogawaKiddo_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Edtherson_3 Start: 1081, Stop: 1521, Start Num: 66
Candidate Starts for Edtherson_3:
(Start: 66 @1081 has 239 MA's), (98, 1180), (149, 1354), (157, 1375), (168, 1429), (176, 1465), (180, 1474),

Gene: Eidsmoe_5 Start: 2666, Stop: 3139, Start Num: 65
Candidate Starts for Eidsmoe_5:
(17, 2480), (29, 2558), (Start: 65 @2666 has 82 MA's), (85, 2723), (104, 2780), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (175, 3077), (179, 3086), (183, 3095),

Gene: Eish_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Eish_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190,

556),

Gene: ElTiger69_2 Start: 839, Stop: 1288, Start Num: 67
Candidate Starts for ElTiger69_2:
(17, 656), (29, 734), (Start: 58 @809 has 1 MA's), (Start: 67 @839 has 40 MA's), (100, 938), (118, 1007), (148, 1130), (157, 1154), (161, 1169),

Gene: EleanorGeorge_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for EleanorGeorge_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Elephantoon_5 Start: 2428, Stop: 2901, Start Num: 65
Candidate Starts for Elephantoon_5:
(Start: 65 @2428 has 82 MA's), (98, 2527), (117, 2590), (146, 2716), (148, 2725), (157, 2749), (175, 2839), (179, 2848),

Gene: Elle_5 Start: 2472, Stop: 2933, Start Num: 63
Candidate Starts for Elle_5:
(3, 2220), (19, 2298), (Start: 63 @2472 has 3 MA's), (90, 2553), (98, 2571), (117, 2634), (121, 2664), (148, 2769), (157, 2793), (158, 2796), (190, 2922),

Gene: EmiMonkey_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for EmiMonkey_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Emianna_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Emianna_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Emma_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Emma_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Empress_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Empress_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: EmyBug_5 Start: 2666, Stop: 3139, Start Num: 65
Candidate Starts for EmyBug_5:
(17, 2480), (29, 2558), (Start: 65 @2666 has 82 MA's), (85, 2723), (104, 2780), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (179, 3086), (183, 3095),

Gene: Ennea_1 Start: 121, Stop: 687, Start Num: 47
Candidate Starts for Ennea_1:

(Start: 47 @121 has 43 MA's), (Start: 75 @187 has 6 MA's), (103, 277), (108, 301), (120, 361), (134, 418), (135, 427), (140, 448), (159, 514), (192, 676), (193, 679),

Gene: EnochSoames_6 Start: 2112, Stop: 2537, Start Num: 73
Candidate Starts for EnochSoames_6:
(59, 2076), (Start: 73 @2112 has 167 MA's), (97, 2199), (98, 2202), (149, 2382),

Gene: EnzoK_2 Start: 938, Stop: 1372, Start Num: 66
Candidate Starts for EnzoK_2:
(Start: 66 @938 has 239 MA's), (98, 1031), (149, 1205), (157, 1226), (168, 1280), (176, 1316), (180, 1325),

Gene: Enzomatic_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Enzomatic_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: EpicPhail_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for EpicPhail_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Epsocamisio_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Epsocamisio_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Equemioh13_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for Equemioh13_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: Eradicator_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Eradicator_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (163, 439), (178, 514), (188, 547), (190, 556),

Gene: EricB_5 Start: 2483, Stop: 2953, Start Num: 71
Candidate Starts for EricB_5:
(Start: 71 @2483 has 205 MA's), (92, 2570), (98, 2582), (117, 2645), (121, 2675), (127, 2714), (132, 2726), (148, 2780), (157, 2804), (183, 2915),

Gene: Erik_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Erik_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Eris_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Eris_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Eros_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Eros_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Espica_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Espica_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Espresso_3 Start: 1163, Stop: 1603, Start Num: 66
Candidate Starts for Espresso_3:
(Start: 66 @1163 has 239 MA's), (98, 1262), (149, 1436), (157, 1457), (168, 1511), (176, 1547), (180, 1556),

Gene: Estave1_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Estave1_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Et2Brutus_4 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Et2Brutus_4:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: EtoileNova_1 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for EtoileNova_1:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Euphoria_3 Start: 1067, Stop: 1501, Start Num: 66
Candidate Starts for Euphoria_3:
(Start: 66 @1067 has 239 MA's), (Start: 75 @1079 has 6 MA's), (98, 1160), (149, 1334), (157, 1355), (168, 1409), (176, 1445), (180, 1454),

Gene: Eurydice_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Eurydice_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: EvilGenius_6 Start: 2894, Stop: 3364, Start Num: 71
Candidate Starts for EvilGenius_6:
(7, 2663), (24, 2756), (Start: 71 @2894 has 205 MA's), (92, 2978), (106, 3014), (117, 3053), (121, 3083), (146, 3179), (148, 3188), (157, 3212), (179, 3311), (183, 3320),

Gene: Expelliarmus_1 Start: 835, Stop: 1263, Start Num: 65
Candidate Starts for Expelliarmus_1:
(Start: 65 @835 has 82 MA's), (118, 994), (129, 1057), (148, 1105),

Gene: ExplosioNervosa_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for ExplosioNervosa_5:

(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Eyeball_3 Start: 1131, Stop: 1571, Start Num: 66
Candidate Starts for Eyeball_3:
(Start: 66 @1131 has 239 MA's), (98, 1230), (149, 1404), (157, 1425), (168, 1479), (176, 1515), (180, 1524),

Gene: FF47_04 Start: 1302, Stop: 1775, Start Num: 74
Candidate Starts for FF47_04:
(54, 1254), (Start: 74 @1302 has 3 MA's), (90, 1365), (91, 1368), (101, 1398), (122, 1500), (176, 1725), (184, 1746), (187, 1755),

Gene: Fajezeel_4 Start: 1214, Stop: 1654, Start Num: 66
Candidate Starts for Fajezeel_4:
(Start: 66 @1214 has 239 MA's), (98, 1313), (149, 1487), (157, 1508), (168, 1562), (176, 1598), (180, 1607),

Gene: Fameo_6 Start: 3008, Stop: 3478, Start Num: 71
Candidate Starts for Fameo_6:
(3, 2750), (10, 2789), (17, 2822), (Start: 71 @3008 has 205 MA's), (92, 3092), (106, 3128), (117, 3167), (121, 3197), (134, 3251), (146, 3293), (148, 3302), (157, 3326), (179, 3425), (183, 3434),

Gene: Fancypants_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Fancypants_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (159, 424), (178, 514), (188, 547), (190, 556),

Gene: Farber_2 Start: 875, Stop: 1276, Start Num: 75
Candidate Starts for Farber_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Fascinus_2 Start: 931, Stop: 1371, Start Num: 66
Candidate Starts for Fascinus_2:
(Start: 66 @931 has 239 MA's), (98, 1030), (149, 1204), (157, 1225), (168, 1279), (176, 1315), (180, 1324),

Gene: Fastidio_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for Fastidio_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: FatCactus_2 Start: 709, Stop: 1128, Start Num: 69
Candidate Starts for FatCactus_2:
(Start: 69 @709 has 314 MA's), (86, 772), (153, 991), (166, 1042), (183, 1099),

Gene: Fayely_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Fayely_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Fenn_2 Start: 937, Stop: 1371, Start Num: 66
Candidate Starts for Fenn_2:
(Start: 66 @937 has 239 MA's), (98, 1030), (148, 1201), (149, 1204), (153, 1216), (157, 1225), (168, 1279), (176, 1315), (180, 1324),

Gene: Fernando_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Fernando_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Fibonacci_5 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Fibonacci_5:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Filuzino_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Filuzino_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (178, 515), (190, 557),

Gene: Firehouse51_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Firehouse51_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: FiringLine_6 Start: 2904, Stop: 3374, Start Num: 71
Candidate Starts for FiringLine_6:
(Start: 71 @2904 has 205 MA's), (92, 2988), (106, 3024), (117, 3063), (121, 3093), (146, 3189), (148, 3198), (157, 3222), (179, 3321), (183, 3330),

Gene: First_005 Start: 2818, Stop: 3288, Start Num: 71
Candidate Starts for First_005:
(Start: 71 @2818 has 205 MA's), (92, 2902), (106, 2938), (117, 2977), (121, 3007), (146, 3103), (148, 3112), (157, 3136), (179, 3235), (183, 3244),

Gene: Flapper_1 Start: 122, Stop: 685, Start Num: 47
Candidate Starts for Flapper_1:
(Start: 47 @122 has 43 MA's), (103, 278), (120, 359), (134, 416), (135, 425), (140, 446), (159, 512),

Gene: Flare16_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for Flare16_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: Flaverint_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Flaverint_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Float294_1 Start: 121, Stop: 687, Start Num: 47
Candidate Starts for Float294_1:

(Start: 47 @121 has 43 MA's), (Start: 75 @187 has 6 MA's), (103, 277), (108, 301), (120, 361), (134, 418), (135, 427), (140, 448), (159, 514), (192, 676), (193, 679),

Gene: Florean_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Florean_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Florence1_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Florence1_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Florence4_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Florence4_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Florinda_1 Start: 106, Stop: 561, Start Num: 73
Candidate Starts for Florinda_1:
(Start: 73 @106 has 167 MA's), (Start: 79 @133 has 6 MA's), (90, 172), (105, 205), (108, 217), (110, 220), (113, 232), (116, 238), (120, 271), (125, 307), (128, 316), (131, 322), (147, 385), (163, 436), (178, 511), (190, 553),

Gene: Flux_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Flux_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: FlyCatcher_2 Start: 731, Stop: 1165, Start Num: 68
Candidate Starts for FlyCatcher_2:
(1, 401), (5, 488), (8, 509), (22, 584), (53, 695), (Start: 58 @704 has 1 MA's), (Start: 68 @731 has 4 MA's), (127, 950), (153, 1016), (157, 1025), (183, 1130),

Gene: ForGetIt_2 Start: 898, Stop: 1347, Start Num: 67
Candidate Starts for ForGetIt_2:
(10, 682), (14, 697), (15, 700), (17, 715), (19, 721), (21, 745), (Start: 58 @868 has 1 MA's), (Start: 67 @898 has 40 MA's), (98, 991), (100, 997), (106, 1015), (118, 1066), (148, 1189), (157, 1213), (161, 1228),

Gene: ForesterFrank_5 Start: 2617, Stop: 3087, Start Num: 71
Candidate Starts for ForesterFrank_5:
(7, 2389), (24, 2482), (60, 2611), (Start: 71 @2617 has 205 MA's), (92, 2701), (106, 2737), (117, 2776), (121, 2806), (146, 2902), (148, 2911), (157, 2935), (177, 3028), (179, 3034), (183, 3043),

Gene: Forsytheast_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for Forsytheast_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: Foxboro_1 Start: 158, Stop: 715, Start Num: 47

Candidate Starts for Foxboro_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Francis47_3 Start: 1166, Stop: 1606, Start Num: 66
Candidate Starts for Francis47_3:
(Start: 66 @1166 has 239 MA's), (98, 1265), (149, 1439), (157, 1460), (168, 1514), (176, 1550), (180, 1559),

Gene: Fred313_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Fred313_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (143, 1012), (149, 1024), (157, 1045), (166, 1087), (183, 1144),

Gene: FreddyB_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for FreddyB_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Froghopper_3 Start: 1080, Stop: 1514, Start Num: 66
Candidate Starts for Froghopper_3:
(Start: 66 @1080 has 239 MA's), (98, 1173), (149, 1347), (157, 1368), (168, 1422), (176, 1458), (180, 1467),

Gene: Fruitloop_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Fruitloop_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Funston_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Funston_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Fury_1 Start: 122, Stop: 679, Start Num: 47
Candidate Starts for Fury_1:
(Start: 47 @122 has 43 MA's), (116, 317), (120, 350), (134, 407), (140, 437), (150, 479), (155, 494), (159, 503), (193, 671),

Gene: Fushigi_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Fushigi_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (148, 1349), (149, 1352), (153, 1364), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: GAL1_2 Start: 720, Stop: 1169, Start Num: 73
Candidate Starts for GAL1_2:
(Start: 73 @720 has 167 MA's), (90, 786), (98, 807), (105, 819), (115, 849), (120, 885), (122, 900), (127, 927), (145, 993), (159, 1038), (189, 1155),

Gene: GMonster_3 Start: 1079, Stop: 1513, Start Num: 66
Candidate Starts for GMonster_3:

(Start: 66 @1079 has 239 MA's), (98, 1172), (149, 1346), (157, 1367), (168, 1421), (176, 1457), (180, 1466),

Gene: GRU1_84 Start: 59190, Stop: 59753, Start Num: 47
Candidate Starts for GRU1_84:
(Start: 47 @59190 has 43 MA's), (99, 59337), (103, 59346), (120, 59427), (134, 59484), (135, 59493), (140, 59514), (159, 59580), (191, 59724),

Gene: GTE5_83 Start: 60179, Stop: 60772, Start Num: 39
Candidate Starts for GTE5_83:
(9, 60035), (39, 60179), (45, 60203), (Start: 47 @60206 has 43 MA's), (103, 60365), (120, 60446), (134, 60503), (135, 60512), (140, 60533), (159, 60599),

Gene: GTE8_82 Start: 60392, Stop: 60949, Start Num: 47
Candidate Starts for GTE8_82:
(13, 60236), (39, 60365), (Start: 47 @60392 has 43 MA's), (103, 60551), (116, 60596), (120, 60629), (135, 60695), (139, 60710), (140, 60716), (159, 60782), (193, 60941),

Gene: GUmbie_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for GUmbie_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (163, 440), (178, 515), (190, 557),

Gene: Gachnar_3 Start: 1100, Stop: 1534, Start Num: 66
Candidate Starts for Gachnar_3:
(Start: 66 @1100 has 239 MA's), (98, 1193), (149, 1367), (157, 1388), (168, 1442), (176, 1478), (180, 1487),

Gene: Gadost_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Gadost_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: GageAP_4 Start: 1517, Stop: 1957, Start Num: 66
Candidate Starts for GageAP_4:
(20, 1364), (25, 1391), (31, 1424), (Start: 66 @1517 has 239 MA's), (98, 1616), (149, 1790), (157, 1811), (168, 1865), (176, 1901), (180, 1910),

Gene: Gagieri_1 Start: 112, Stop: 669, Start Num: 50
Candidate Starts for Gagieri_1:
(Start: 50 @112 has 2 MA's), (72, 160), (78, 187), (85, 211), (115, 289), (120, 325), (123, 352), (140, 412), (186, 607),

Gene: Gail_5 Start: 2729, Stop: 3205, Start Num: 65
Candidate Starts for Gail_5:
(Start: 65 @2729 has 82 MA's), (98, 2828), (104, 2843), (106, 2852), (117, 2891), (121, 2921), (146, 3017), (148, 3026), (157, 3050),

Gene: Galactic_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Galactic_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190,

555),

Gene: Gallia_1 Start: 180, Stop: 767, Start Num: 30
Candidate Starts for Gallia_1:
(30, 180), (62, 282), (120, 471), (127, 513), (150, 600), (163, 639),

Gene: Gandalf20_3 Start: 1174, Stop: 1614, Start Num: 66
Candidate Starts for Gandalf20_3:
(Start: 66 @1174 has 239 MA's), (98, 1273), (149, 1447), (157, 1468), (168, 1522), (176, 1558), (180, 1567),

Gene: Gandalph_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Gandalph_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Garak_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Garak_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: GaugeLDP_5 Start: 2431, Stop: 2904, Start Num: 71
Candidate Starts for GaugeLDP_5:
(Start: 71 @2431 has 205 MA's), (92, 2515), (106, 2551), (117, 2590), (121, 2620), (127, 2659), (132, 2671), (146, 2716), (148, 2725), (157, 2749), (162, 2767), (183, 2860),

Gene: Gemma_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Gemma_2:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: George_1 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for George_1:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: Georgie2_6 Start: 2906, Stop: 3376, Start Num: 71
Candidate Starts for Georgie2_6:
(Start: 71 @2906 has 205 MA's), (92, 2990), (106, 3026), (117, 3065), (121, 3095), (146, 3191), (148, 3200), (157, 3224), (179, 3323), (183, 3332),

Gene: Geralt_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Geralt_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Ghoulboy_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Ghoulboy_2:
(10, 624), (14, 639), (17, 657), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: GigiOuiOui_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for GigiOuiOui_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Gilberta_5 Start: 2686, Stop: 3150, Start Num: 71
Candidate Starts for Gilberta_5:
(Start: 71 @2686 has 205 MA's), (92, 2770), (148, 2980), (157, 3004), (179, 3103), (183, 3112),

Gene: GingkoMaracino_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for GingkoMaracino_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Giroux_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Giroux_2:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: Girr_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Girr_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: Gladiator_5 Start: 2472, Stop: 2942, Start Num: 71
Candidate Starts for Gladiator_5:
(Start: 71 @2472 has 205 MA's), (92, 2559), (117, 2634), (121, 2664), (142, 2748), (148, 2769), (157, 2793), (162, 2811),

Gene: Gollum_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Gollum_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Gompeii16_3 Start: 1166, Stop: 1606, Start Num: 66
Candidate Starts for Gompeii16_3:
(Start: 66 @1166 has 239 MA's), (98, 1265), (149, 1439), (157, 1460), (168, 1514), (176, 1550), (180, 1559),

Gene: Goose_2 Start: 795, Stop: 1226, Start Num: 69
Candidate Starts for Goose_2:
(Start: 65 @792 has 82 MA's), (Start: 69 @795 has 314 MA's), (91, 876), (114, 933), (149, 1065), (153, 1077), (157, 1086), (179, 1176), (183, 1185),

Gene: Goose1D_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Goose1D_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: Goose1X_2 Start: 754, Stop: 1182, Start Num: 69

Candidate Starts for Goose1X_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: Gorge_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Gorge_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Graduation_3 Start: 1130, Stop: 1570, Start Num: 66
Candidate Starts for Graduation_3:
(Start: 66 @1130 has 239 MA's), (98, 1229), (149, 1403), (157, 1424), (168, 1478), (176, 1514), (180, 1523),

Gene: Gratitude_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for Gratitude_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: GrecoEtereo_4 Start: 1214, Stop: 1654, Start Num: 66
Candidate Starts for GrecoEtereo_4:
(Start: 66 @1214 has 239 MA's), (98, 1313), (149, 1487), (157, 1508), (168, 1562), (176, 1598), (180, 1607),

Gene: GreedyLawyer_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for GreedyLawyer_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: GreenWeasel_5 Start: 1941, Stop: 2375, Start Num: 69
Candidate Starts for GreenWeasel_5:
(Start: 69 @1941 has 314 MA's), (91, 2022), (98, 2037), (134, 2178), (149, 2217), (166, 2280),

Gene: Greg_4 Start: 1214, Stop: 1654, Start Num: 66
Candidate Starts for Greg_4:
(Start: 66 @1214 has 239 MA's), (98, 1313), (149, 1487), (157, 1508), (168, 1562), (176, 1598), (180, 1607),

Gene: Grif_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Grif_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Grimmer_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for Grimmer_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (178, 1162), (190, 1204),

Gene: GrootJr_2 Start: 773, Stop: 1330, Start Num: 47
Candidate Starts for GrootJr_2:

(Start: 47 @773 has 43 MA's), (103, 932), (116, 977), (120, 1010), (135, 1076), (140, 1097), (159, 1163), (193, 1322),

Gene: GroundGoblin_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for GroundGoblin_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Groundhog_1 Start: 836, Stop: 1264, Start Num: 65
Candidate Starts for Groundhog_1:
(Start: 65 @836 has 82 MA's), (118, 995), (129, 1058), (148, 1106),

Gene: Groupthink_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Groupthink_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Grub_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Grub_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Grum1_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Grum1_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Gruunaga_5 Start: 2472, Stop: 2942, Start Num: 71
Candidate Starts for Gruunaga_5:
(Start: 71 @2472 has 205 MA's), (92, 2559), (117, 2634), (121, 2664), (142, 2748), (148, 2769), (157, 2793), (162, 2811),

Gene: GtownJaz_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for GtownJaz_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Guppsters_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Guppsters_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Gwendoluna_2 Start: 931, Stop: 1365, Start Num: 66
Candidate Starts for Gwendoluna_2:
(Start: 66 @931 has 239 MA's), (98, 1024), (149, 1198), (157, 1219), (168, 1273), (176, 1309), (180, 1318),

Gene: Gwennie_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Gwennie_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Gyzlar_4 Start: 1582, Stop: 2022, Start Num: 66
Candidate Starts for Gyzlar_4:
(16, 1393), (28, 1471), (42, 1528), (44, 1531), (Start: 66 @1582 has 239 MA's), (98, 1681), (149, 1855), (157, 1876), (168, 1930), (176, 1966), (180, 1975),

Gene: HINdeR_2 Start: 742, Stop: 1173, Start Num: 68
Candidate Starts for HINdeR_2:
(23, 598), (37, 658), (Start: 68 @742 has 4 MA's), (92, 826), (98, 838), (104, 853), (117, 889), (127, 958), (157, 1033), (166, 1075), (183, 1132),

Gene: Hades_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Hades_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: HamSlice_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for HamSlice_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Hami1_2 Start: 929, Stop: 1363, Start Num: 66
Candidate Starts for Hami1_2:
(Start: 66 @929 has 239 MA's), (Start: 75 @941 has 6 MA's), (98, 1022), (149, 1196), (157, 1217), (168, 1271), (176, 1307), (180, 1316),

Gene: Hammer_5 Start: 2471, Stop: 2941, Start Num: 71
Candidate Starts for Hammer_5:
(Start: 71 @2471 has 205 MA's), (92, 2558), (117, 2633), (121, 2663), (142, 2747), (148, 2768), (157, 2792), (162, 2810),

Gene: Hamulus_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Hamulus_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (163, 440), (178, 515), (190, 557),

Gene: HanShotFirst_3 Start: 1083, Stop: 1517, Start Num: 66
Candidate Starts for HanShotFirst_3:
(Start: 66 @1083 has 239 MA's), (98, 1176), (148, 1347), (149, 1350), (153, 1362), (157, 1371), (168, 1425), (176, 1461), (180, 1470),

Gene: Hank144_6 Start: 2016, Stop: 2453, Start Num: 66
Candidate Starts for Hank144_6:
(Start: 66 @2016 has 239 MA's), (Start: 69 @2022 has 314 MA's), (97, 2115), (98, 2118), (104, 2133), (149, 2298), (162, 2337), (166, 2361),

Gene: Hanray_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Hanray_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Happiness_2 Start: 802, Stop: 1233, Start Num: 69

Candidate Starts for Happiness_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (175, 1174), (183, 1192), (187, 1207),

Gene: Harlequin_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Harlequin_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Harley_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Harley_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (159, 424), (178, 514), (188, 547), (190, 556),

Gene: HarryHoudini_6 Start: 2962, Stop: 3432, Start Num: 71
Candidate Starts for HarryHoudini_6:
(Start: 71 @2962 has 205 MA's), (92, 3046), (98, 3058), (106, 3082), (117, 3121), (121, 3151), (146, 3247), (148, 3256), (157, 3280), (179, 3379), (183, 3388),

Gene: HarryOW_4 Start: 1214, Stop: 1654, Start Num: 66
Candidate Starts for HarryOW_4:
(Start: 66 @1214 has 239 MA's), (98, 1313), (149, 1487), (157, 1508), (168, 1562), (176, 1598), (180, 1607),

Gene: HashRod_3 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for HashRod_3:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: HaveUMetTed_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for HaveUMetTed_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Heathen_2 Start: 709, Stop: 1182, Start Num: 47
Candidate Starts for Heathen_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: Heffalump_6 Start: 3008, Stop: 3478, Start Num: 71
Candidate Starts for Heffalump_6:
(3, 2750), (10, 2789), (17, 2822), (Start: 71 @3008 has 205 MA's), (92, 3092), (106, 3128), (117, 3167), (121, 3197), (134, 3251), (146, 3293), (148, 3302), (157, 3326), (179, 3425), (183, 3434),

Gene: HelDan_2 Start: 709, Stop: 1182, Start Num: 47
Candidate Starts for HelDan_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: Heliosoles_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Heliosoles_2:

(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Helmet_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Helmet_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Herbertwm_2 Start: 750, Stop: 1241, Start Num: 71
Candidate Starts for Herbertwm_2:
(Start: 71 @750 has 205 MA's), (82, 789), (83, 792), (92, 834), (106, 870), (112, 897), (121, 939), (129, 984), (148, 1062), (157, 1086), (162, 1104), (166, 1128), (183, 1194),

Gene: Hercules11_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Hercules11_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Hermia_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for Hermia_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: HermioneGrange_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for HermioneGrange_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Hexamo_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Hexamo_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: HippoHollow_5 Start: 2707, Stop: 3177, Start Num: 71
Candidate Starts for HippoHollow_5:
(7, 2476), (24, 2569), (Start: 71 @2707 has 205 MA's), (92, 2791), (98, 2803), (106, 2827), (117, 2866), (121, 2896), (146, 2992), (148, 3001), (157, 3025), (177, 3118), (179, 3124), (183, 3133),

Gene: Hiro_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Hiro_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Hlubikazi_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Hlubikazi_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Holex_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Holex_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Holli_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Holli_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: HomeFry_2 Start: 122, Stop: 682, Start Num: 47
Candidate Starts for HomeFry_2:
(Start: 47 @122 has 43 MA's), (85, 224), (93, 254), (97, 263), (116, 320), (120, 353), (134, 410), (140, 440), (150, 482), (155, 497), (159, 506), (193, 674),

Gene: Homines_3 Start: 1163, Stop: 1597, Start Num: 66
Candidate Starts for Homines_3:
(Start: 66 @1163 has 239 MA's), (98, 1256), (148, 1427), (149, 1430), (153, 1442), (157, 1451), (168, 1505), (176, 1541), (180, 1550),

Gene: Hookmount_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Hookmount_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Hoot_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Hoot_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Hope4ever_3 Start: 1131, Stop: 1571, Start Num: 66
Candidate Starts for Hope4ever_3:
(20, 978), (25, 1005), (31, 1038), (Start: 66 @1131 has 239 MA's), (98, 1230), (149, 1404), (157, 1425), (168, 1479), (176, 1515), (180, 1524),

Gene: HortumSL17_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for HortumSL17_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Houdini22_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Houdini22_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: HubbaBubba_1 Start: 158, Stop: 709, Start Num: 47
Candidate Starts for HubbaBubba_1:
(Start: 47 @158 has 43 MA's), (84, 257), (120, 386), (135, 452), (140, 473), (159, 539), (193, 701),

Gene: HuhtaEnerson15_2 Start: 872, Stop: 1321, Start Num: 67
Candidate Starts for HuhtaEnerson15_2:
(10, 656), (14, 671), (15, 674), (17, 689), (19, 695), (21, 719), (Start: 58 @842 has 1 MA's), (Start: 67 @872 has 40 MA's), (98, 965), (100, 971), (106, 989), (118, 1040), (148, 1163), (157, 1187), (161, 1202),

Gene: Hutc2_5 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Hutc2_5:

(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Huxley_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Huxley_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: ICleared_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for ICleared_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: IDyn_2 Start: 786, Stop: 1334, Start Num: 47
Candidate Starts for IDyn_2:
(39, 759), (Start: 47 @786 has 43 MA's), (76, 861), (95, 930), (116, 978), (120, 1011), (135, 1077), (140, 1098), (159, 1164), (193, 1326),

Gene: ILeeKay_4 Start: 1244, Stop: 1684, Start Num: 66
Candidate Starts for ILeeKay_4:
(Start: 66 @1244 has 239 MA's), (98, 1343), (149, 1517), (157, 1538), (168, 1592), (176, 1628), (180, 1637),

Gene: Ibhubesi_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Ibhubesi_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (159, 424), (178, 514), (188, 547), (190, 556),

Gene: Iceman_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Iceman_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Ichabod_3 Start: 1080, Stop: 1520, Start Num: 66
Candidate Starts for Ichabod_3:
(Start: 66 @1080 has 239 MA's), (98, 1179), (148, 1350), (149, 1353), (153, 1365), (157, 1374), (168, 1428), (176, 1464), (180, 1473),

Gene: Idleandcovert_1 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Idleandcovert_1:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: IgnatiusPatJac_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for IgnatiusPatJac_2:
(Start: 66 @928 has 239 MA's), (98, 1021), (148, 1192), (149, 1195), (153, 1207), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: Imbriano_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Imbriano_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Indra_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Indra_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Insomnia_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Insomnia_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Inventum_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Inventum_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Inyanga_3 Start: 1095, Stop: 1535, Start Num: 66
Candidate Starts for Inyanga_3:
(49, 1056), (Start: 66 @1095 has 239 MA's), (98, 1194), (149, 1368), (157, 1389), (168, 1443), (176, 1479), (180, 1488),

Gene: Iqorha_3 Start: 1095, Stop: 1535, Start Num: 66
Candidate Starts for Iqorha_3:
(49, 1056), (Start: 66 @1095 has 239 MA's), (98, 1194), (149, 1368), (157, 1389), (168, 1443), (176, 1479), (180, 1488),

Gene: Iracema64_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Iracema64_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: IrishSherpFalk_1 Start: 112, Stop: 567, Start Num: 73
Candidate Starts for IrishSherpFalk_1:
(Start: 73 @112 has 167 MA's), (Start: 79 @139 has 6 MA's), (90, 178), (97, 196), (98, 199), (105, 211), (113, 238), (116, 244), (120, 277), (125, 313), (128, 322), (131, 328), (147, 391), (159, 427), (163, 442), (178, 517), (188, 550), (190, 559),

Gene: IronMan_5 Start: 2453, Stop: 2923, Start Num: 65
Candidate Starts for IronMan_5:
(Start: 65 @2453 has 82 MA's), (91, 2537), (99, 2555), (104, 2567), (117, 2615), (142, 2729), (148, 2750), (157, 2774), (183, 2882),

Gene: Isca_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Isca_2:
(Start: 69 @759 has 314 MA's), (90, 837), (143, 1017), (149, 1029), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: Isiphiwo_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Isiphiwo_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Issmi_6 Start: 2005, Stop: 2436, Start Num: 69
Candidate Starts for Issmi_6:

(Start: 69 @2005 has 314 MA's), (98, 2101), (149, 2281), (162, 2320), (166, 2344), (187, 2428),

Gene: Iwokeuplikedis_6 Start: 2698, Stop: 3174, Start Num: 65
Candidate Starts for Iwokeuplikedis_6:
(Start: 65 @2698 has 82 MA's), (92, 2785), (104, 2812), (117, 2860), (121, 2890), (136, 2956), (148, 2995), (157, 3019), (162, 3037), (166, 3061),

Gene: Izzy_6 Start: 2163, Stop: 2588, Start Num: 73
Candidate Starts for Izzy_6:
(41, 2079), (59, 2127), (Start: 73 @2163 has 167 MA's), (97, 2250), (98, 2253), (149, 2433),

Gene: JC27_4 Start: 1631, Stop: 2074, Start Num: 66
Candidate Starts for JC27_4:
(Start: 66 @1631 has 239 MA's), (116, 1775), (149, 1904), (151, 1907), (157, 1925), (168, 1979), (176, 2015), (183, 2033),

Gene: JF2_2 Start: 758, Stop: 1186, Start Num: 69
Candidate Starts for JF2_2:
(Start: 69 @758 has 314 MA's), (86, 821), (90, 836), (143, 1016), (149, 1028), (157, 1049), (166, 1091), (175, 1130), (183, 1148),

Gene: JF4_2 Start: 758, Stop: 1186, Start Num: 69
Candidate Starts for JF4_2:
(Start: 69 @758 has 314 MA's), (86, 821), (90, 836), (143, 1016), (149, 1028), (157, 1049), (166, 1091), (175, 1130), (183, 1148),

Gene: JHC117_2 Start: 874, Stop: 1275, Start Num: 75
Candidate Starts for JHC117_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: JSwag_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for JSwag_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Jaan_5 Start: 2449, Stop: 2919, Start Num: 65
Candidate Starts for Jaan_5:
(Start: 65 @2449 has 82 MA's), (91, 2533), (99, 2551), (104, 2563), (117, 2611), (142, 2725), (148, 2746), (157, 2770), (183, 2878),

Gene: Jabiru_2 Start: 839, Stop: 1288, Start Num: 67
Candidate Starts for Jabiru_2:
(2, 578), (10, 623), (14, 638), (17, 656), (29, 734), (Start: 58 @809 has 1 MA's), (Start: 67 @839 has 40 MA's), (100, 938), (118, 1007), (148, 1130), (157, 1154), (161, 1169),

Gene: Jabith_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Jabith_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: JackSparrow_2 Start: 927, Stop: 1367, Start Num: 66
Candidate Starts for JackSparrow_2:

(Start: 66 @927 has 239 MA's), (98, 1026), (149, 1200), (157, 1221), (168, 1275), (176, 1311), (180, 1320),

Gene: JacoRen57_1 Start: 190, Stop: 669, Start Num: 74
Candidate Starts for JacoRen57_1:
(26, 61), (34, 91), (35, 94), (57, 154), (Start: 74 @190 has 3 MA's), (90, 253), (97, 271), (131, 424), (140, 457), (164, 538), (169, 574), (172, 598), (176, 607),

Gene: James_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for James_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (188, 547), (190, 556),

Gene: Jant_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Jant_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Jarcob_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Jarcob_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Jash_6 Start: 2116, Stop: 2541, Start Num: 73
Candidate Starts for Jash_6:
(41, 2032), (59, 2080), (Start: 73 @2116 has 167 MA's), (97, 2203), (98, 2206), (149, 2386),

Gene: Jasper_4 Start: 1356, Stop: 1790, Start Num: 66
Candidate Starts for Jasper_4:
(Start: 66 @1356 has 239 MA's), (98, 1449), (149, 1623), (157, 1644), (168, 1698), (176, 1734), (180, 1743),

Gene: Jaykayelowell_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Jaykayelowell_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Jeeves_5 Start: 2750, Stop: 3223, Start Num: 64
Candidate Starts for Jeeves_5:
(Start: 64 @2750 has 3 MA's), (98, 2849), (104, 2864), (106, 2873), (117, 2912), (121, 2942), (146, 3038), (148, 3047), (157, 3071),

Gene: Jeffabunny_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Jeffabunny_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: JenCasNa_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for JenCasNa_2:

(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Jennelsea_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Jennelsea_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: JeppNRM_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for JeppNRM_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Jerm_6 Start: 2884, Stop: 3354, Start Num: 71
Candidate Starts for Jerm_6:
(Start: 71 @2884 has 205 MA's), (92, 2968), (98, 2980), (106, 3004), (117, 3043), (121, 3073), (146, 3169), (148, 3178), (157, 3202), (179, 3301), (183, 3310),

Gene: Jerm2_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Jerm2_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Jester_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Jester_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: JetBlade_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for JetBlade_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Jevington_7 Start: 2296, Stop: 2727, Start Num: 69
Candidate Starts for Jevington_7:
(Start: 69 @2296 has 314 MA's), (98, 2392), (129, 2524), (149, 2572), (162, 2611), (166, 2635), (187, 2719),

Gene: JewelBug_5 Start: 2483, Stop: 2953, Start Num: 71
Candidate Starts for JewelBug_5:
(Start: 71 @2483 has 205 MA's), (92, 2570), (98, 2582), (117, 2645), (121, 2675), (127, 2714), (132, 2726), (148, 2780), (157, 2804), (183, 2915),

Gene: Jhitchelle_4 Start: 1700, Stop: 2128, Start Num: 73
Candidate Starts for Jhitchelle_4:
(Start: 73 @1700 has 167 MA's), (91, 1775), (149, 1970),

Gene: Jiawan_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Jiawan_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Jifall16_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Jifall16_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Jinglebell_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Jinglebell_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Jobu08_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Jobu08_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: JoeyJr_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for JoeyJr_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: JoongJeon_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for JoongJeon_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Jordennis_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Jordennis_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Jorgensen_3 Start: 1164, Stop: 1604, Start Num: 66
Candidate Starts for Jorgensen_3:
(Start: 66 @1164 has 239 MA's), (98, 1263), (149, 1437), (157, 1458), (168, 1512), (176, 1548), (180, 1557),

Gene: Joselito_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Joselito_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: JoshKayV_6 Start: 2899, Stop: 3369, Start Num: 71
Candidate Starts for JoshKayV_6:
(Start: 71 @2899 has 205 MA's), (92, 2983), (106, 3019), (117, 3058), (121, 3088), (136, 3154), (146, 3184), (148, 3193), (157, 3217), (179, 3316), (183, 3325),

Gene: Journey13_5 Start: 2757, Stop: 3224, Start Num: 71
Candidate Starts for Journey13_5:
(Start: 71 @2757 has 205 MA's), (92, 2841), (98, 2853), (106, 2877), (117, 2916), (148, 3051), (151, 3057), (157, 3075), (183, 3183),

Gene: Jovo_2 Start: 872, Stop: 1321, Start Num: 67
Candidate Starts for Jovo_2:

(10, 656), (14, 671), (15, 674), (17, 689), (19, 695), (21, 719), (Start: 58 @842 has 1 MA's), (Start: 67 @872 has 40 MA's), (98, 965), (100, 971), (106, 989), (118, 1040), (148, 1163), (157, 1187), (161, 1202),

Gene: Jsquared_5 Start: 2660, Stop: 3127, Start Num: 71
Candidate Starts for Jsquared_5:
(Start: 71 @2660 has 205 MA's), (92, 2744), (98, 2756), (104, 2771), (117, 2819), (121, 2849), (124, 2879), (146, 2945), (148, 2954), (157, 2978), (183, 3086),

Gene: JuliaChild_4 Start: 1366, Stop: 1806, Start Num: 66
Candidate Starts for JuliaChild_4:
(Start: 66 @1366 has 239 MA's), (98, 1465), (149, 1639), (157, 1660), (168, 1714), (176, 1750), (180, 1759),

Gene: Junimo_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Junimo_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: KADY_3 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for KADY_3:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: KBG_3 Start: 1367, Stop: 1801, Start Num: 66
Candidate Starts for KBG_3:
(Start: 66 @1367 has 239 MA's), (98, 1460), (149, 1634), (157, 1655), (168, 1709), (176, 1745), (180, 1754),

Gene: KFPoly_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for KFPoly_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: KSSJEB_2 Start: 938, Stop: 1378, Start Num: 66
Candidate Starts for KSSJEB_2:
(Start: 66 @938 has 239 MA's), (98, 1037), (149, 1211), (157, 1232), (168, 1286), (176, 1322), (180, 1331),

Gene: Kachowdy_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Kachowdy_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: Kalb97_3 Start: 858, Stop: 1277, Start Num: 69
Candidate Starts for Kalb97_3:
(Start: 61 @852 has 20 MA's), (Start: 69 @858 has 314 MA's), (Start: 75 @876 has 6 MA's), (149, 1128), (157, 1149), (179, 1239),

Gene: Kalnoky_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Kalnoky_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Kalpine_5 Start: 2894, Stop: 3364, Start Num: 71
Candidate Starts for Kalpine_5:
(11, 2681), (17, 2711), (Start: 71 @2894 has 205 MA's), (92, 2978), (106, 3014), (117, 3053), (121, 3083), (146, 3179), (148, 3188), (157, 3212), (179, 3311), (183, 3320),

Gene: Kampy_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Kampy_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Kanely_4 Start: 1628, Stop: 2062, Start Num: 66
Candidate Starts for Kanely_4:
(Start: 66 @1628 has 239 MA's), (98, 1721), (149, 1895), (157, 1916), (168, 1970), (176, 2006), (180, 2015),

Gene: Karhdo_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Karhdo_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (163, 440), (178, 515), (190, 557),

Gene: Katalie136_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Katalie136_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: KatherineG_5 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for KatherineG_5:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (104, 2868), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Kazan_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Kazan_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: KekoraPapaka_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for KekoraPapaka_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Kenmech_3 Start: 1089, Stop: 1523, Start Num: 66
Candidate Starts for Kenmech_3:
(Start: 66 @1089 has 239 MA's), (98, 1182), (148, 1353), (149, 1356), (153, 1368), (157, 1377), (168, 1431), (176, 1467), (180, 1476),

Gene: Kenuha5_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for Kenuha5_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Kerberos_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for Kerberos_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: Kersh_1 Start: 112, Stop: 567, Start Num: 73
Candidate Starts for Kersh_1:
(Start: 73 @112 has 167 MA's), (Start: 79 @139 has 6 MA's), (90, 178), (97, 196), (98, 199), (105, 211), (113, 238), (116, 244), (120, 277), (125, 313), (128, 322), (131, 328), (147, 391), (159, 427), (163, 442), (178, 517), (188, 550), (190, 559),

Gene: Keziacharles14_5 Start: 2540, Stop: 3013, Start Num: 65
Candidate Starts for Keziacharles14_5:
(17, 2360), (29, 2438), (33, 2450), (Start: 65 @2540 has 82 MA's), (112, 2690), (117, 2702), (148, 2837), (157, 2861), (175, 2951), (179, 2960),

Gene: KidneyBean_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for KidneyBean_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: KikiBouba_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for KikiBouba_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Killigrew_2 Start: 927, Stop: 1367, Start Num: 66
Candidate Starts for Killigrew_2:
(Start: 66 @927 has 239 MA's), (98, 1026), (149, 1200), (157, 1221), (168, 1275), (176, 1311), (180, 1320),

Gene: Kimba_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Kimba_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Kimchi1738_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for Kimchi1738_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (136, 385), (140, 403), (155, 460), (170, 535),

Gene: Kimona_2 Start: 910, Stop: 1341, Start Num: 69
Candidate Starts for Kimona_2:
(Start: 69 @910 has 314 MA's), (87, 979), (98, 1006), (127, 1126), (129, 1132), (157, 1201), (175, 1282), (183, 1300),

Gene: KingCyrus_6 Start: 2883, Stop: 3353, Start Num: 71
Candidate Starts for KingCyrus_6:
(7, 2652), (24, 2745), (Start: 71 @2883 has 205 MA's), (92, 2967), (106, 3003), (117, 3042), (121, 3072), (146, 3168), (148, 3177), (157, 3201), (179, 3300), (183, 3309),

Gene: KingJulian_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for KingJulian_1:

(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: KingMidas_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for KingMidas_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Kingmustik0402_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Kingmustik0402_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Kinmap_5 Start: 2819, Stop: 3289, Start Num: 71
Candidate Starts for Kinmap_5:
(60, 2813), (Start: 71 @2819 has 205 MA's), (90, 2897), (104, 2930), (124, 3038), (146, 3104), (148, 3113), (157, 3137), (161, 3152),

Gene: Kipper29_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Kipper29_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: KittenMittens_2 Start: 805, Stop: 1236, Start Num: 69
Candidate Starts for KittenMittens_2:
(Start: 69 @805 has 314 MA's), (91, 886), (114, 943), (149, 1075), (153, 1087), (157, 1096), (179, 1186), (183, 1195),

Gene: Klodlith_5 Start: 2435, Stop: 2905, Start Num: 65
Candidate Starts for Klodlith_5:
(Start: 65 @2435 has 82 MA's), (117, 2594), (146, 2720), (148, 2729), (157, 2753), (160, 2765), (179, 2852), (183, 2861),

Gene: Koan_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Koan_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Koduck_5 Start: 2657, Stop: 3124, Start Num: 71
Candidate Starts for Koduck_5:
(Start: 71 @2657 has 205 MA's), (92, 2741), (98, 2753), (104, 2768), (117, 2816), (121, 2846), (124, 2876), (146, 2942), (148, 2951), (157, 2975), (179, 3074), (183, 3083),

Gene: Koella_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Koella_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Koko_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Koko_5:

(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Koreni_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Koreni_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Kratark_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Kratark_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Kremtemulon_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Kremtemulon_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Krishelle_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Krishelle_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: KristaRAM_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for KristaRAM_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (105, 856), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (163, 1087), (178, 1162), (190, 1204),

Gene: Kristoff_3 Start: 962, Stop: 1393, Start Num: 69
Candidate Starts for Kristoff_3:
(Start: 65 @959 has 82 MA's), (Start: 69 @962 has 314 MA's), (91, 1043), (104, 1073), (114, 1100), (149, 1232), (153, 1244), (157, 1253), (179, 1343), (183, 1352),

Gene: Kugel_5 Start: 1434, Stop: 1868, Start Num: 66
Candidate Starts for Kugel_5:
(Start: 66 @1434 has 239 MA's), (Start: 75 @1446 has 6 MA's), (98, 1527), (149, 1701), (157, 1722), (168, 1776), (176, 1812), (180, 1821),

Gene: Kurt_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Kurt_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: KyMonks1A_4 Start: 1294, Stop: 1734, Start Num: 66
Candidate Starts for KyMonks1A_4:
(Start: 66 @1294 has 239 MA's), (98, 1393), (148, 1564), (149, 1567), (153, 1579), (157, 1588), (168, 1642), (176, 1678), (180, 1687),

Gene: Kyee_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Kyee_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Kykar_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for Kykar_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (149, 1201), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: L5_5 Start: 2665, Stop: 3132, Start Num: 71
Candidate Starts for L5_5:
(Start: 71 @2665 has 205 MA's), (92, 2749), (98, 2761), (104, 2776), (117, 2824), (121, 2854), (124, 2884), (146, 2950), (148, 2959), (157, 2983), (179, 3082), (183, 3091),

Gene: LBerry_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for LBerry_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: LHTSCC_2 Start: 800, Stop: 1231, Start Num: 69
Candidate Starts for LHTSCC_2:
(Start: 69 @800 has 314 MA's), (98, 896), (117, 947), (127, 1016), (157, 1091), (158, 1094), (162, 1109), (166, 1133), (183, 1190), (187, 1205),

Gene: LadyBird_5 Start: 2799, Stop: 3269, Start Num: 71
Candidate Starts for LadyBird_5:
(Start: 71 @2799 has 205 MA's), (92, 2883), (106, 2919), (117, 2958), (121, 2988), (146, 3084), (148, 3093), (157, 3117), (179, 3216), (183, 3225),

Gene: Lambert1_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Lambert1_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Lamina13_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for Lamina13_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Landor_5 Start: 2451, Stop: 2921, Start Num: 65
Candidate Starts for Landor_5:
(Start: 65 @2451 has 82 MA's), (91, 2535), (99, 2553), (104, 2565), (117, 2613), (142, 2727), (148, 2748), (157, 2772), (183, 2880),

Gene: LappelDuVide_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for LappelDuVide_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Larenn_6 Start: 2913, Stop: 3383, Start Num: 71
Candidate Starts for Larenn_6:
(17, 2730), (Start: 71 @2913 has 205 MA's), (92, 2997), (98, 3009), (106, 3033), (117, 3072), (121, 3102), (146, 3198), (148, 3207), (157, 3231), (179, 3330), (183, 3339),

Gene: LarryKay_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for LarryKay_2:

(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: LastJedi_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for LastJedi_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: LastResort_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for LastResort_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Latretium_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Latretium_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Lemur_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Lemur_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: LeoAvram_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for LeoAvram_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Leogania_5 Start: 2655, Stop: 3128, Start Num: 65
Candidate Starts for Leogania_5:
(Start: 65 @2655 has 82 MA's), (92, 2742), (106, 2778), (117, 2817), (146, 2943), (148, 2952), (157, 2976), (177, 3069), (179, 3075), (183, 3084),

Gene: Leperchaun_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Leperchaun_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Lesedi_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Lesedi_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Lev2_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Lev2_2:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: Levia_2 Start: 930, Stop: 1370, Start Num: 66

Candidate Starts for Levia_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Leviathan_6 Start: 2883, Stop: 3353, Start Num: 71
Candidate Starts for Leviathan_6:
(Start: 71 @2883 has 205 MA's), (92, 2967), (98, 2979), (106, 3003), (117, 3042), (121, 3072), (146, 3168), (148, 3177), (157, 3201), (179, 3300), (183, 3309),

Gene: Licorice_5 Start: 1792, Stop: 2232, Start Num: 66
Candidate Starts for Licorice_5:
(16, 1603), (28, 1681), (42, 1738), (44, 1741), (Start: 66 @1792 has 239 MA's), (98, 1891), (149, 2065), (157, 2086), (168, 2140), (176, 2176), (180, 2185),

Gene: LilBib_2 Start: 931, Stop: 1371, Start Num: 66
Candidate Starts for LilBib_2:
(Start: 66 @931 has 239 MA's), (98, 1030), (149, 1204), (157, 1225), (168, 1279), (176, 1315), (180, 1324),

Gene: LilMoolah_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for LilMoolah_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: LilTurb_6 Start: 2884, Stop: 3354, Start Num: 71
Candidate Starts for LilTurb_6:
(Start: 71 @2884 has 205 MA's), (92, 2968), (98, 2980), (106, 3004), (117, 3043), (121, 3073), (146, 3169), (148, 3178), (157, 3202), (179, 3301), (183, 3310),

Gene: Lilbunny_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Lilbunny_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Lilith_2 Start: 875, Stop: 1276, Start Num: 75
Candidate Starts for Lilith_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Lilleskat_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Lilleskat_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Lillie_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Lillie_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: LionsBait_5 Start: 2701, Stop: 3171, Start Num: 71
Candidate Starts for LionsBait_5:

(7, 2470), (24, 2563), (Start: 71 @2701 has 205 MA's), (92, 2785), (98, 2797), (106, 2821), (117, 2860), (121, 2890), (146, 2986), (148, 2995), (157, 3019), (177, 3112), (179, 3118), (183, 3127),

Gene: LittleB_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for LittleB_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: LittleCherry_2 Start: 873, Stop: 1322, Start Num: 67
Candidate Starts for LittleCherry_2:
(Start: 67 @873 has 40 MA's), (98, 966), (100, 972), (106, 990), (118, 1041), (148, 1164), (157, 1188), (161, 1203),

Gene: LittleGuy_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for LittleGuy_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Lizziana_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Lizziana_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (147, 389), (159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: Llama_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Llama_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Llij_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Llij_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: LochMonster_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for LochMonster_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (175, 1173), (183, 1191), (187, 1206),

Gene: Lockley_3 Start: 1070, Stop: 1504, Start Num: 66
Candidate Starts for Lockley_3:
(Start: 66 @1070 has 239 MA's), (98, 1163), (149, 1337), (157, 1358), (168, 1412), (176, 1448), (180, 1457),

Gene: LogiBear_5 Start: 2669, Stop: 3124, Start Num: 71
Candidate Starts for LogiBear_5:
(Start: 71 @2669 has 205 MA's), (98, 2765), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (158, 2990), (183, 3092),

Gene: Lokk_6 Start: 2873, Stop: 3343, Start Num: 71
Candidate Starts for Lokk_6:

(60, 2867), (Start: 71 @2873 has 205 MA's), (98, 2969), (106, 2993), (117, 3032), (148, 3167), (157, 3191), (177, 3284), (179, 3290), (183, 3299),

Gene: Lollipop1437_1 Start: 121, Stop: 687, Start Num: 47
Candidate Starts for Lollipop1437_1:
(Start: 47 @121 has 43 MA's), (Start: 75 @187 has 6 MA's), (103, 277), (108, 301), (120, 361), (134, 418), (135, 427), (140, 448), (159, 514), (192, 676), (193, 679),

Gene: LoneWolf_5 Start: 2433, Stop: 2906, Start Num: 65
Candidate Starts for LoneWolf_5:
(Start: 65 @2433 has 82 MA's), (117, 2595), (146, 2721), (148, 2730), (157, 2754), (179, 2853),

Gene: LongHai_5 Start: 1624, Stop: 2100, Start Num: 74
Candidate Starts for LongHai_5:
(54, 1576), (Start: 74 @1624 has 3 MA's), (90, 1687), (91, 1690), (101, 1720), (122, 1822), (176, 2047), (184, 2068), (187, 2077),

Gene: Loofah_6 Start: 1802, Stop: 2233, Start Num: 69
Candidate Starts for Loofah_6:
(Start: 63 @1793 has 3 MA's), (Start: 69 @1802 has 314 MA's), (98, 1898), (134, 2039), (149, 2078), (166, 2141), (184, 2216),

Gene: Looper_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Looper_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Lopton_3 Start: 1172, Stop: 1612, Start Num: 66
Candidate Starts for Lopton_3:
(Start: 66 @1172 has 239 MA's), (98, 1271), (149, 1445), (157, 1466), (168, 1520), (176, 1556), (180, 1565),

Gene: Lorenzo_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Lorenzo_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Loser_5 Start: 2612, Stop: 3082, Start Num: 71
Candidate Starts for Loser_5:
(7, 2381), (24, 2474), (Start: 71 @2612 has 205 MA's), (92, 2696), (98, 2708), (117, 2771), (121, 2801), (127, 2840), (132, 2852), (146, 2897), (148, 2906), (157, 2930), (177, 3023), (179, 3029), (183, 3038),

Gene: Louie6_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Louie6_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Lowa_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Lowa_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Luchador_5 Start: 2735, Stop: 3208, Start Num: 65

Candidate Starts for Luchador_5:
(Start: 65 @2735 has 82 MA's), (98, 2834), (104, 2849), (106, 2858), (117, 2897), (121, 2927), (146, 3023), (148, 3032), (157, 3056),

Gene: Lucivia_5 Start: 2686, Stop: 3150, Start Num: 71
Candidate Starts for Lucivia_5:
(Start: 71 @2686 has 205 MA's), (92, 2770), (148, 2980), (157, 3004), (179, 3103), (183, 3112),

Gene: Lucyedi_5 Start: 2452, Stop: 2928, Start Num: 65
Candidate Starts for Lucyedi_5:
(Start: 65 @2452 has 82 MA's), (106, 2575), (148, 2749), (157, 2773), (161, 2788), (179, 2875), (183, 2884),

Gene: LugYA_4 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for LugYA_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: LunaBlu_1 Start: 135, Stop: 563, Start Num: 79
Candidate Starts for LunaBlu_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: LunarLander_3 Start: 1130, Stop: 1564, Start Num: 66
Candidate Starts for LunarLander_3:
(Start: 66 @1130 has 239 MA's), (98, 1223), (149, 1397), (157, 1418), (168, 1472), (176, 1508), (180, 1517),

Gene: Lunsford_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Lunsford_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: MA5_2 Start: 768, Stop: 1199, Start Num: 69
Candidate Starts for MA5_2:
(Start: 69 @768 has 314 MA's), (86, 831), (90, 846), (98, 864), (143, 1026), (149, 1038), (157, 1059), (166, 1101), (175, 1140), (183, 1158),

Gene: MK4_2 Start: 758, Stop: 1186, Start Num: 69
Candidate Starts for MK4_2:
(Start: 69 @758 has 314 MA's), (86, 821), (90, 836), (143, 1016), (149, 1028), (157, 1049), (166, 1091), (175, 1130), (183, 1148),

Gene: MPlant7149_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for MPlant7149_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: MaCh_5 Start: 2686, Stop: 3150, Start Num: 71
Candidate Starts for MaCh_5:
(Start: 71 @2686 has 205 MA's), (92, 2770), (148, 2980), (157, 3004), (179, 3103), (183, 3112),

Gene: Mabel_5 Start: 2701, Stop: 3165, Start Num: 71
Candidate Starts for Mabel_5:
(Start: 71 @2701 has 205 MA's), (92, 2785), (148, 2995), (157, 3019), (179, 3118), (183, 3127),

Gene: MacGully_1 Start: 112, Stop: 666, Start Num: 48
Candidate Starts for MacGully_1:
(Start: 48 @112 has 3 MA's), (72, 163), (85, 214), (94, 247), (120, 325), (150, 454), (159, 478), (181, 583),

Gene: Maco6_2 Start: 581, Stop: 1054, Start Num: 74
Candidate Starts for Maco6_2:
(54, 533), (Start: 74 @581 has 3 MA's), (90, 644), (91, 647), (101, 677), (122, 779), (176, 1004), (184, 1025), (187, 1034),

Gene: MadMarie_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for MadMarie_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: MadMen_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for MadMen_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Magnar_3 Start: 1095, Stop: 1535, Start Num: 66
Candidate Starts for Magnar_3:
(Start: 50 @1056 has 2 MA's), (Start: 66 @1095 has 239 MA's), (98, 1194), (148, 1365), (149, 1368), (153, 1380), (157, 1389), (168, 1443), (176, 1479), (180, 1488),

Gene: Magnito_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for Magnito_2:
(Start: 66 @929 has 239 MA's), (98, 1028), (149, 1202), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: Mahavrat_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Mahavrat_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (105, 207), (108, 219), (110, 222), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (159, 423), (178, 513), (188, 546), (190, 555),

Gene: Mainiac_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Mainiac_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: MajorMajor_4 Start: 2661, Stop: 3128, Start Num: 71
Candidate Starts for MajorMajor_4:
(Start: 71 @2661 has 205 MA's), (92, 2745), (98, 2757), (104, 2772), (117, 2820), (121, 2850), (124, 2880), (146, 2946), (148, 2955), (157, 2979), (183, 3087),

Gene: Makemake_3 Start: 1395, Stop: 1829, Start Num: 66
Candidate Starts for Makemake_3:

(Start: 66 @1395 has 239 MA's), (98, 1488), (149, 1662), (157, 1683), (168, 1737), (176, 1773), (180, 1782),

Gene: MalagasyRose_6 Start: 1600, Stop: 2064, Start Num: 73
Candidate Starts for MalagasyRose_6:
(Start: 73 @1600 has 167 MA's), (93, 1684), (111, 1738), (118, 1771), (125, 1822), (156, 1903), (183, 2017), (185, 2029),

Gene: Malec_6 Start: 2913, Stop: 3383, Start Num: 71
Candidate Starts for Malec_6:
(17, 2730), (Start: 71 @2913 has 205 MA's), (92, 2997), (98, 3009), (106, 3033), (117, 3072), (121, 3102), (146, 3198), (148, 3207), (157, 3231), (179, 3330), (183, 3339),

Gene: Malinsilva_4 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Malinsilva_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Maminiaina_5 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for Maminiaina_5:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: Manatee_3 Start: 1078, Stop: 1518, Start Num: 66
Candidate Starts for Manatee_3:
(Start: 66 @1078 has 239 MA's), (98, 1177), (149, 1351), (157, 1372), (168, 1426), (176, 1462), (180, 1471),

Gene: Mandlovu_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Mandlovu_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Mantra_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Mantra_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Manu_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Manu_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: MarQuardt_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for MarQuardt_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Marav_8 Start: 2646, Stop: 3077, Start Num: 69
Candidate Starts for Marav_8:

(Start: 69 @2646 has 314 MA's), (98, 2742), (102, 2751), (129, 2874), (149, 2922), (162, 2961), (166, 2985), (187, 3069),

Gene: Maravista_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Maravista_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (163, 439), (178, 514), (188, 547), (190, 556),

Gene: Marcell_3 Start: 1074, Stop: 1508, Start Num: 66
Candidate Starts for Marcell_3:
(Start: 66 @1074 has 239 MA's), (98, 1167), (149, 1341), (157, 1362), (168, 1416), (176, 1452), (180, 1461),

Gene: Marchesa_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Marchesa_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (143, 1012), (149, 1024), (157, 1045), (166, 1087), (183, 1144),

Gene: Marchy_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Marchy_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Marco3_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for Marco3_2:
(Start: 66 @928 has 239 MA's), (98, 1021), (149, 1195), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: Marge_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for Marge_2:
(Start: 66 @929 has 239 MA's), (98, 1028), (148, 1199), (149, 1202), (153, 1214), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: Margo_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Margo_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Marie_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Marie_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Marietta_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for Marietta_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: Marius_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Marius_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Maroc7_2 Start: 932, Stop: 1372, Start Num: 66
Candidate Starts for Maroc7_2:
(Start: 66 @932 has 239 MA's), (98, 1031), (149, 1205), (157, 1226), (168, 1280), (176, 1316), (180, 1325),

Gene: Marsha_3 Start: 1391, Stop: 1825, Start Num: 66
Candidate Starts for Marsha_3:
(Start: 66 @1391 has 239 MA's), (98, 1484), (149, 1658), (157, 1679), (168, 1733), (176, 1769), (180, 1778),

Gene: Martik_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Martik_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (147, 389), (159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: MaryBeth_3 Start: 1082, Stop: 1522, Start Num: 66
Candidate Starts for MaryBeth_3:
(Start: 66 @1082 has 239 MA's), (98, 1181), (149, 1355), (157, 1376), (168, 1430), (176, 1466), (180, 1475),

Gene: MarysWell_1 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for MarysWell_1:
(10, 624), (14, 639), (17, 657), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Maselop_1 Start: 110, Stop: 667, Start Num: 43
Candidate Starts for Maselop_1:
(Start: 43 @110 has 5 MA's), (72, 161), (78, 188), (Start: 79 @191 has 6 MA's), (85, 212), (94, 245), (120, 326), (123, 353), (140, 413), (188, 608),

Gene: Mattes_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Mattes_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Maverick_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Maverick_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Maxo_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Maxo_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Mayonnaise_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Mayonnaise_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Mazhar510_2 Start: 804, Stop: 1235, Start Num: 69

Candidate Starts for Mazhar510_2:
(Start: 69 @804 has 314 MA's), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (175, 1176), (183, 1194), (187, 1209),

Gene: McFly_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for McFly_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: McGuire_3 Start: 1080, Stop: 1514, Start Num: 66
Candidate Starts for McGuire_3:
(Start: 66 @1080 has 239 MA's), (98, 1173), (149, 1347), (157, 1368), (168, 1422), (176, 1458), (180, 1467),

Gene: McSinger_4 Start: 1206, Stop: 1646, Start Num: 66
Candidate Starts for McSinger_4:
(Start: 66 @1206 has 239 MA's), (98, 1305), (148, 1476), (149, 1479), (153, 1491), (157, 1500), (168, 1554), (176, 1590), (180, 1599),

Gene: Medindi_1 Start: 137, Stop: 565, Start Num: 79
Candidate Starts for Medindi_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (178, 515), (190, 557),

Gene: Medusa_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Medusa_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: MeeZee_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for MeeZee_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: MegTheThird_5 Start: 2433, Stop: 2903, Start Num: 65
Candidate Starts for MegTheThird_5:
(14, 2235), (19, 2259), (Start: 58 @2406 has 1 MA's), (Start: 65 @2433 has 82 MA's), (117, 2592), (146, 2718), (148, 2727), (157, 2751), (160, 2763), (179, 2850), (183, 2859),

Gene: Melissauren88_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Melissauren88_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Melvin_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Melvin_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: MerCougar_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for MerCougar_1:

(Start: 47 @158 has 43 MA's), (85, 266), (98, 308), (120, 395), (140, 482), (159, 548), (193, 707),

Gene: MetalQZJ_3 Start: 1082, Stop: 1522, Start Num: 66
Candidate Starts for MetalQZJ_3:
(Start: 66 @1082 has 239 MA's), (98, 1181), (149, 1355), (157, 1376), (168, 1430), (176, 1466), (180, 1475),

Gene: Methuselah_2 Start: 851, Stop: 1276, Start Num: 61
Candidate Starts for Methuselah_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Micasa_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Micasa_2:
(10, 624), (14, 639), (17, 657), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Michley_3 Start: 1094, Stop: 1534, Start Num: 66
Candidate Starts for Michley_3:
(49, 1055), (Start: 66 @1094 has 239 MA's), (98, 1193), (149, 1367), (157, 1388), (168, 1442), (176, 1478), (180, 1487),

Gene: Microwolf_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Microwolf_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: MiculUcigas_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for MiculUcigas_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: Midas2_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Midas2_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Miko_6 Start: 2851, Stop: 3321, Start Num: 71
Candidate Starts for Miko_6:
(60, 2845), (Start: 71 @2851 has 205 MA's), (98, 2947), (106, 2971), (117, 3010), (148, 3145), (157, 3169), (177, 3262), (179, 3268), (183, 3277),

Gene: MilanaBonita_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for MilanaBonita_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (105, 856), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (178, 1162), (190, 1204),

Gene: Milcery_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Milcery_2:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161,

1201),

Gene: MilleFeuille_2 Start: 937, Stop: 1377, Start Num: 66
Candidate Starts for MilleFeuille_2:
(Start: 66 @937 has 239 MA's), (98, 1036), (149, 1210), (157, 1231), (168, 1285), (176, 1321), (180, 1330),

Gene: MilleniumForce_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for MilleniumForce_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (105, 856), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (178, 1162), (190, 1204),

Gene: Millski_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Millski_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: MinecraftSteve_6 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for MinecraftSteve_6:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Minispark_4 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for Minispark_4:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: Minnie_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for Minnie_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Miramae_2 Start: 800, Stop: 1228, Start Num: 69
Candidate Starts for Miramae_2:
(Start: 69 @800 has 314 MA's), (92, 884), (98, 896), (117, 947), (127, 1016), (157, 1091), (158, 1094), (162, 1109), (166, 1133), (175, 1172), (179, 1181), (183, 1190), (187, 1205),

Gene: Misomonster_4 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Misomonster_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: MissWhite_5 Start: 2647, Stop: 3114, Start Num: 71
Candidate Starts for MissWhite_5:
(Start: 71 @2647 has 205 MA's), (92, 2731), (98, 2743), (106, 2767), (107, 2776), (117, 2806), (121, 2836), (148, 2941), (157, 2965), (183, 3073),

Gene: MisterCuddles_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for MisterCuddles_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389),

(159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: Mkhuseli_3 Start: 1096, Stop: 1536, Start Num: 66
Candidate Starts for Mkhuseli_3:
(49, 1057), (Start: 66 @1096 has 239 MA's), (98, 1195), (149, 1369), (157, 1390), (168, 1444), (176, 1480), (180, 1489),

Gene: Modragons_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Modragons_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Molly_4 Start: 1279, Stop: 1719, Start Num: 66
Candidate Starts for Molly_4:
(20, 1126), (25, 1153), (31, 1186), (Start: 66 @1279 has 239 MA's), (98, 1378), (149, 1552), (157, 1573), (168, 1627), (176, 1663), (180, 1672),

Gene: Monet_3 Start: 1081, Stop: 1521, Start Num: 66
Candidate Starts for Monet_3:
(Start: 66 @1081 has 239 MA's), (98, 1180), (149, 1354), (157, 1375), (168, 1429), (176, 1465), (180, 1474),

Gene: MoneyMay_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for MoneyMay_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Montavir_1 Start: 919, Stop: 1275, Start Num: 86
Candidate Starts for Montavir_1:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Moonbeam_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Moonbeam_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (163, 439), (178, 514), (188, 547), (190, 556),

Gene: Moose_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for Moose_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: Morpher26_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Morpher26_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Morrow_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Morrow_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: MrGordo_3 Start: 1225, Stop: 1665, Start Num: 66
Candidate Starts for MrGordo_3:
(49, 1186), (Start: 66 @1225 has 239 MA's), (98, 1324), (149, 1498), (157, 1519), (168, 1573), (176, 1609), (180, 1618),

Gene: Mryolo_2 Start: 931, Stop: 1371, Start Num: 66
Candidate Starts for Mryolo_2:
(Start: 66 @931 has 239 MA's), (98, 1030), (149, 1204), (157, 1225), (168, 1279), (176, 1315), (180, 1324),

Gene: MuchMore_4 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for MuchMore_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Muddy_4 Start: 1535, Stop: 2008, Start Num: 74
Candidate Starts for Muddy_4:
(54, 1487), (Start: 74 @1535 has 3 MA's), (90, 1598), (91, 1601), (101, 1631), (122, 1733), (176, 1958), (184, 1979), (187, 1988),

Gene: MulchSalad_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for MulchSalad_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (105, 207), (108, 219), (110, 222), (113, 234), (116, 240), (120, 273), (128, 318), (131, 324), (133, 327), (159, 423), (178, 513), (190, 555),

Gene: Mulciber_5 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Mulciber_5:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Mule_2 Start: 926, Stop: 1360, Start Num: 66
Candidate Starts for Mule_2:
(Start: 66 @926 has 239 MA's), (Start: 75 @938 has 6 MA's), (98, 1019), (148, 1190), (149, 1193), (153, 1205), (157, 1214), (168, 1268), (176, 1304), (180, 1313),

Gene: Munch_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Munch_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Mundrea_2 Start: 804, Stop: 1232, Start Num: 69
Candidate Starts for Mundrea_2:
(Start: 69 @804 has 314 MA's), (92, 888), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (179, 1185), (183, 1194), (187, 1209),

Gene: Museum_4 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Museum_4:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Mutaforma13_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Mutaforma13_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163,

439), (178, 514), (190, 556),

Gene: Mwanjiwa_1 Start: 135, Stop: 563, Start Num: 79
Candidate Starts for Mwanjiwa_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: MyraDee_2 Start: 664, Stop: 1128, Start Num: 51
Candidate Starts for MyraDee_2:
(Start: 51 @664 has 1 MA's), (Start: 61 @697 has 20 MA's), (Start: 69 @703 has 314 MA's), (Start: 75 @715 has 6 MA's), (98, 793), (149, 979), (153, 991), (157, 1000), (162, 1018), (167, 1048), (177, 1087), (183, 1102),

Gene: Myxus_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Myxus_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: NEHalo_3 Start: 1078, Stop: 1512, Start Num: 66
Candidate Starts for NEHalo_3:
(Start: 66 @1078 has 239 MA's), (Start: 75 @1090 has 6 MA's), (98, 1171), (149, 1345), (157, 1366), (168, 1420), (176, 1456), (180, 1465),

Gene: NaSiaTalie_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for NaSiaTalie_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: Naca_2 Start: 842, Stop: 1291, Start Num: 67
Candidate Starts for Naca_2:
(2, 581), (10, 626), (14, 641), (17, 659), (29, 737), (Start: 58 @812 has 1 MA's), (Start: 67 @842 has 40 MA's), (100, 941), (118, 1010), (148, 1133), (157, 1157), (161, 1172),

Gene: NadineRae_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for NadineRae_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: Naiad_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Naiad_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Naira_2 Start: 937, Stop: 1371, Start Num: 66
Candidate Starts for Naira_2:
(Start: 66 @937 has 239 MA's), (98, 1030), (148, 1201), (149, 1204), (153, 1216), (157, 1225), (168, 1279), (176, 1315), (180, 1324),

Gene: Naji_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for Naji_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: Nancinator_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Nancinator_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: NatB6_2 Start: 773, Stop: 1330, Start Num: 47
Candidate Starts for NatB6_2:
(Start: 47 @773 has 43 MA's), (103, 932), (116, 977), (120, 1010), (135, 1076), (140, 1097), (159, 1163), (193, 1322),

Gene: Natosaleda_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Natosaleda_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: NearlyHeadless_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for NearlyHeadless_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: Nebs_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Nebs_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Nebulosus_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Nebulosus_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Nedarya_5 Start: 2580, Stop: 3038, Start Num: 71
Candidate Starts for Nedarya_5:
(Start: 71 @2580 has 205 MA's), (117, 2739), (148, 2874), (157, 2898), (158, 2901),

Gene: Neeharika16_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Neeharika16_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Nemo27_2 Start: 802, Stop: 1233, Start Num: 69
Candidate Starts for Nemo27_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (175, 1174), (183, 1192), (187, 1207),

Gene: Nergal_4 Start: 1389, Stop: 1844, Start Num: 73
Candidate Starts for Nergal_4:
(Start: 73 @1389 has 167 MA's), (125, 1605), (141, 1653), (162, 1707), (183, 1800), (185, 1812),

Gene: Nerujay_3 Start: 1063, Stop: 1503, Start Num: 66
Candidate Starts for Nerujay_3:
(Start: 66 @1063 has 239 MA's), (98, 1162), (149, 1336), (157, 1357), (168, 1411), (176, 1447), (180, 1456),

Gene: NewHope4_1 Start: 108, Stop: 563, Start Num: 73

Candidate Starts for NewHope4_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Newrala_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Newrala_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Nhonho_3 Start: 1077, Stop: 1517, Start Num: 66
Candidate Starts for Nhonho_3:
(Start: 66 @1077 has 239 MA's), (98, 1176), (148, 1347), (149, 1350), (153, 1362), (157, 1371), (168, 1425), (176, 1461), (180, 1470),

Gene: Nichirin_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Nichirin_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: NicoleTera_5 Start: 2648, Stop: 3118, Start Num: 71
Candidate Starts for NicoleTera_5:
(60, 2642), (Start: 71 @2648 has 205 MA's), (92, 2732), (106, 2768), (117, 2807), (121, 2837), (146, 2933), (148, 2942), (157, 2966), (177, 3059), (179, 3065), (183, 3074),

Gene: Nimbo_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Nimbo_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Nitzel_2 Start: 754, Stop: 1212, Start Num: 66
Candidate Starts for Nitzel_2:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (178, 1162), (190, 1204),

Gene: Nivrat_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Nivrat_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Niza_4 Start: 1628, Stop: 2068, Start Num: 66
Candidate Starts for Niza_4:
(Start: 66 @1628 has 239 MA's), (98, 1727), (149, 1901), (157, 1922), (168, 1976), (176, 2012), (180, 2021),

Gene: NoShow_1 Start: 166, Stop: 675, Start Num: 52
Candidate Starts for NoShow_1:
(26, 82), (35, 115), (Start: 52 @166 has 1 MA's), (60, 199), (80, 244), (90, 277), (119, 379), (128, 436), (140, 478), (147, 508), (165, 562), (174, 625),

Gene: Noella_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Noella_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Noelle_2 Start: 791, Stop: 1219, Start Num: 69
Candidate Starts for Noelle_2:
(Start: 69 @791 has 314 MA's), (92, 875), (98, 887), (117, 938), (127, 1007), (157, 1082), (158, 1085), (162, 1100), (166, 1124), (179, 1172), (183, 1181), (187, 1196),

Gene: Norbert_1 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Norbert_1:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: NormanBulbieJr_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for NormanBulbieJr_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: NorthStar_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for NorthStar_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Northrop_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Northrop_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Norz_3 Start: 1076, Stop: 1510, Start Num: 66
Candidate Starts for Norz_3:
(Start: 66 @1076 has 239 MA's), (98, 1169), (149, 1343), (157, 1364), (168, 1418), (176, 1454), (180, 1463),

Gene: NosilaM_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for NosilaM_1:
(Start: 47 @158 has 43 MA's), (85, 266), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: NotAPhaseMom_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for NotAPhaseMom_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: NothingSpecial_4 Start: 2483, Stop: 2956, Start Num: 71
Candidate Starts for NothingSpecial_4:
(Start: 58 @2456 has 1 MA's), (Start: 71 @2483 has 205 MA's), (92, 2567), (98, 2579), (106, 2603), (117, 2642), (146, 2768), (148, 2777), (157, 2801), (179, 2900), (183, 2909),

Gene: NovumRegina_2 Start: 773, Stop: 1330, Start Num: 47
Candidate Starts for NovumRegina_2:

(Start: 47 @773 has 43 MA's), (103, 932), (116, 977), (120, 1010), (135, 1076), (140, 1097), (159, 1163), (193, 1322),

Gene: Noxious_3 Start: 1081, Stop: 1515, Start Num: 66
Candidate Starts for Noxious_3:
(Start: 66 @1081 has 239 MA's), (98, 1174), (149, 1348), (157, 1369), (168, 1423), (176, 1459), (180, 1468),

Gene: Nyxis_2 Start: 804, Stop: 1235, Start Num: 69
Candidate Starts for Nyxis_2:
(Start: 69 @804 has 314 MA's), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (175, 1176), (183, 1194), (187, 1209),

Gene: OKCentral2016_2 Start: 797, Stop: 1228, Start Num: 69
Candidate Starts for OKCentral2016_2:
(Start: 65 @794 has 82 MA's), (Start: 69 @797 has 314 MA's), (91, 878), (114, 935), (149, 1067), (153, 1079), (157, 1088), (179, 1178), (183, 1187),

Gene: OKaNui_2 Start: 802, Stop: 1233, Start Num: 69
Candidate Starts for OKaNui_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (175, 1174), (183, 1192), (187, 1207),

Gene: Obama12_2 Start: 802, Stop: 1233, Start Num: 69
Candidate Starts for Obama12_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (183, 1192), (187, 1207),

Gene: Ochi17_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Ochi17_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Odin_4 Start: 2487, Stop: 2951, Start Num: 71
Candidate Starts for Odin_4:
(Start: 71 @2487 has 205 MA's), (92, 2571), (98, 2583), (106, 2607), (117, 2646), (148, 2781), (157, 2805), (158, 2808), (175, 2898), (179, 2907), (183, 2916),

Gene: OfUltron_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for OfUltron_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Ohfah_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Ohfah_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Ohno789_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for Ohno789_2:
(Start: 66 @928 has 239 MA's), (98, 1021), (149, 1195), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: OlanP_2 Start: 1040, Stop: 1459, Start Num: 69
Candidate Starts for OlanP_2:
(Start: 61 @1034 has 20 MA's), (Start: 69 @1040 has 314 MA's), (Start: 75 @1058 has 6 MA's), (149, 1310), (157, 1331), (179, 1421),

Gene: OldBen_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for OldBen_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Oliynyk_6 Start: 2116, Stop: 2541, Start Num: 73
Candidate Starts for Oliynyk_6:
(41, 2032), (59, 2080), (Start: 73 @2116 has 167 MA's), (97, 2203), (98, 2206), (149, 2386),

Gene: Ollie_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Ollie_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: OlympiaSaint_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for OlympiaSaint_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Omar_6 Start: 1957, Stop: 2391, Start Num: 69
Candidate Starts for Omar_6:
(Start: 69 @1957 has 314 MA's), (98, 2053), (149, 2233), (166, 2296),

Gene: Onglai_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Onglai_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (175, 3080), (179, 3089), (183, 3098),

Gene: Oofda_5 Start: 2614, Stop: 3072, Start Num: 71
Candidate Starts for Oofda_5:
(60, 2608), (Start: 71 @2614 has 205 MA's), (117, 2773), (148, 2908), (157, 2932), (158, 2935), (179, 3031),

Gene: Oogway_2 Start: 929, Stop: 1363, Start Num: 66
Candidate Starts for Oogway_2:
(Start: 66 @929 has 239 MA's), (98, 1022), (149, 1196), (157, 1217), (168, 1271), (176, 1307), (180, 1316),

Gene: Orange_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Orange_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Outis_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Outis_1:
(Start: 47 @158 has 43 MA's), (85, 266), (98, 308), (120, 395), (127, 437), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Ovechkin_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Ovechkin_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: P1201_02 Start: 294, Stop: 875, Start Num: 32
Candidate Starts for P1201_02:
(32, 294), (38, 306), (62, 390), (81, 429), (109, 525), (120, 579), (122, 594), (127, 621),

Gene: P28Green_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for P28Green_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: PGHhamlin_4 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for PGHhamlin_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: PHappiness_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for PHappiness_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: PMC_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for PMC_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: PP_13 Start: 4904, Stop: 5341, Start Num: 69
Candidate Starts for PP_13:
(Start: 69 @4904 has 314 MA's), (98, 5000), (100, 5006), (129, 5126), (157, 5195), (158, 5198), (166, 5237), (175, 5276), (183, 5294),

Gene: PSullivan_4 Start: 1366, Stop: 1806, Start Num: 66
Candidate Starts for PSullivan_4:
(Start: 66 @1366 has 239 MA's), (98, 1465), (149, 1639), (157, 1660), (168, 1714), (176, 1750), (180, 1759),

Gene: Pablito_5 Start: 1765, Stop: 2196, Start Num: 69
Candidate Starts for Pablito_5:
(Start: 66 @1759 has 239 MA's), (Start: 69 @1765 has 314 MA's), (98, 1861), (102, 1870), (104, 1876), (149, 2041), (162, 2080), (166, 2104), (187, 2188),

Gene: Pacc40_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Pacc40_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: PacerPaul_3 Start: 1166, Stop: 1606, Start Num: 66
Candidate Starts for PacerPaul_3:
(Start: 66 @1166 has 239 MA's), (98, 1265), (149, 1439), (157, 1460), (168, 1514), (176, 1550), (180, 1559),

Gene: PackMan_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for PackMan_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Paedore_5 Start: 1802, Stop: 2233, Start Num: 69
Candidate Starts for Paedore_5:
(Start: 63 @1793 has 3 MA's), (Start: 69 @1802 has 314 MA's), (98, 1898), (134, 2039), (149, 2078), (166, 2141), (184, 2216),

Gene: PainterBoy_5 Start: 2452, Stop: 2928, Start Num: 65
Candidate Starts for PainterBoy_5:
(Start: 65 @2452 has 82 MA's), (106, 2575), (148, 2749), (157, 2773), (161, 2788), (179, 2875), (183, 2884),

Gene: Palestino_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Palestino_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Papez_3 Start: 1164, Stop: 1598, Start Num: 66
Candidate Starts for Papez_3:
(Start: 66 @1164 has 239 MA's), (98, 1257), (149, 1431), (157, 1452), (168, 1506), (176, 1542), (180, 1551),

Gene: Paphu_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for Paphu_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (149, 1201), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: Paraselene_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for Paraselene_2:
(Start: 66 @928 has 239 MA's), (Start: 75 @940 has 6 MA's), (98, 1021), (148, 1192), (149, 1195), (153, 1207), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: Pari_3 Start: 1066, Stop: 1500, Start Num: 66
Candidate Starts for Pari_3:
(Start: 66 @1066 has 239 MA's), (Start: 75 @1078 has 6 MA's), (98, 1159), (149, 1333), (157, 1354), (168, 1408), (176, 1444), (180, 1453),

Gene: Parliament_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for Parliament_2:
(Start: 66 @929 has 239 MA's), (98, 1028), (149, 1202), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: Partridge_3 Start: 1010, Stop: 1432, Start Num: 69
Candidate Starts for Partridge_3:

(Start: 69 @1010 has 314 MA's), (104, 1121), (112, 1145), (117, 1157), (153, 1292), (175, 1382), (183, 1400), (187, 1415),

Gene: PascalRango_3 Start: 1078, Stop: 1512, Start Num: 66
Candidate Starts for PascalRango_3:
(Start: 66 @1078 has 239 MA's), (98, 1171), (149, 1345), (157, 1366), (168, 1420), (176, 1456), (180, 1465),

Gene: Patio_2 Start: 777, Stop: 1343, Start Num: 47
Candidate Starts for Patio_2:
(18, 642), (Start: 47 @777 has 43 MA's), (103, 933), (120, 1017), (134, 1074), (135, 1083), (140, 1104), (159, 1170), (192, 1332), (193, 1335),

Gene: PatoPoderoso_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for PatoPoderoso_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: PattyP_4 Start: 1279, Stop: 1713, Start Num: 66
Candidate Starts for PattyP_4:
(20, 1126), (25, 1153), (31, 1186), (Start: 66 @1279 has 239 MA's), (98, 1372), (149, 1546), (157, 1567), (168, 1621), (176, 1657), (180, 1666),

Gene: Pawn_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Pawn_2:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Payneful_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Payneful_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: PeaceMeal1_2 Start: 807, Stop: 1238, Start Num: 69
Candidate Starts for PeaceMeal1_2:
(Start: 69 @807 has 314 MA's), (91, 888), (114, 945), (149, 1077), (153, 1089), (157, 1098), (179, 1188), (183, 1197),

Gene: Peaches_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Peaches_2:
(Start: 69 @803 has 314 MA's), (98, 899), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Pelly_4 Start: 1313, Stop: 1753, Start Num: 66
Candidate Starts for Pelly_4:
(20, 1160), (25, 1187), (31, 1220), (Start: 66 @1313 has 239 MA's), (98, 1412), (149, 1586), (157, 1607), (168, 1661), (176, 1697), (180, 1706),

Gene: Pemberton_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for Pemberton_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: Pembroke_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Pembroke_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Penny1_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Penny1_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Pepe_4 Start: 1350, Stop: 1784, Start Num: 66
Candidate Starts for Pepe_4:
(Start: 66 @1350 has 239 MA's), (98, 1443), (148, 1614), (149, 1617), (153, 1629), (157, 1638), (168, 1692), (176, 1728), (180, 1737),

Gene: Perplexer_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Perplexer_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Perseus_2 Start: 926, Stop: 1360, Start Num: 66
Candidate Starts for Perseus_2:
(Start: 66 @926 has 239 MA's), (Start: 75 @938 has 6 MA's), (98, 1019), (148, 1190), (149, 1193), (153, 1205), (157, 1214), (168, 1268), (176, 1304), (180, 1313),

Gene: PeterPeter_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for PeterPeter_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Petersenfast_5 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Petersenfast_5:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Peterson_3 Start: 1482, Stop: 1925, Start Num: 66
Candidate Starts for Peterson_3:
(Start: 66 @1482 has 239 MA's), (116, 1626), (149, 1755), (151, 1758), (157, 1776), (168, 1830), (176, 1866), (183, 1884),

Gene: PeteyPab_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for PeteyPab_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460),

Gene: PetiteSangsue_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for PetiteSangsue_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: Petp2012_4 Start: 1280, Stop: 1720, Start Num: 66
Candidate Starts for Petp2012_4:
(Start: 66 @1280 has 239 MA's), (98, 1379), (149, 1553), (157, 1574), (168, 1628), (176, 1664), (180, 1673),

Gene: Petruchio_3 Start: 1080, Stop: 1514, Start Num: 66
Candidate Starts for Petruchio_3:
(Start: 66 @1080 has 239 MA's), (98, 1173), (149, 1347), (157, 1368), (168, 1422), (176, 1458), (180, 1467),

Gene: PetterN_2 Start: 839, Stop: 1288, Start Num: 67
Candidate Starts for PetterN_2:
(2, 578), (10, 623), (14, 638), (17, 656), (29, 734), (Start: 58 @809 has 1 MA's), (Start: 67 @839 has 40 MA's), (100, 938), (118, 1007), (148, 1130), (157, 1154), (161, 1169),

Gene: Ph8s_5 Start: 2494, Stop: 2958, Start Num: 71
Candidate Starts for Ph8s_5:
(Start: 71 @2494 has 205 MA's), (Start: 75 @2512 has 6 MA's), (92, 2578), (98, 2590), (106, 2614), (117, 2653), (148, 2788), (157, 2812), (158, 2815), (175, 2905), (179, 2914), (183, 2923),

Gene: Phacado_2 Start: 802, Stop: 1233, Start Num: 69
Candidate Starts for Phacado_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (175, 1174), (183, 1192), (187, 1207),

Gene: Phaded_5 Start: 2448, Stop: 2918, Start Num: 65
Candidate Starts for Phaded_5:
(Start: 65 @2448 has 82 MA's), (91, 2532), (99, 2550), (104, 2562), (117, 2610), (142, 2724), (148, 2745), (157, 2769), (183, 2877),

Gene: Phaeder_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Phaeder_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: PhailMary_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for PhailMary_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Phanphagia_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Phanphagia_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Phantastic_2 Start: 764, Stop: 1192, Start Num: 69
Candidate Starts for Phantastic_2:
(Start: 69 @764 has 314 MA's), (90, 842), (157, 1055), (166, 1097), (175, 1136), (183, 1154),

Gene: Pharaoh_5 Start: 2554, Stop: 3033, Start Num: 65
Candidate Starts for Pharaoh_5:
(Start: 58 @2527 has 1 MA's), (Start: 65 @2554 has 82 MA's), (117, 2716), (128, 2788), (148, 2851), (157, 2875), (179, 2974), (183, 2983),

Gene: Phasih_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Phasih_1:

(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Phatniss_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Phatniss_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (163, 439), (178, 514), (188, 547), (190, 556),

Gene: Phelipe_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Phelipe_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: PherrisBueller_4 Start: 1356, Stop: 1790, Start Num: 66
Candidate Starts for PherrisBueller_4:
(Start: 66 @1356 has 239 MA's), (98, 1449), (149, 1623), (157, 1644), (168, 1698), (176, 1734), (180, 1743),

Gene: PhesterPhotato_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for PhesterPhotato_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Phighter1804_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for Phighter1804_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (175, 1173), (183, 1191), (187, 1206),

Gene: Phillis_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Phillis_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: Philus_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Philus_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: PhineBark_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for PhineBark_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: PhishRPhriends_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for PhishRPhriends_2:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Phlei_2 Start: 815, Stop: 1285, Start Num: 71
Candidate Starts for Phlei_2:

(Start: 71 @815 has 205 MA's), (148, 1109), (157, 1133), (175, 1223), (179, 1232), (183, 1241),

Gene: PhlipPhlop_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for PhlipPhlop_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Phlippers_2 Start: 929, Stop: 1363, Start Num: 66
Candidate Starts for Phlippers_2:
(Start: 66 @929 has 239 MA's), (98, 1022), (149, 1196), (157, 1217), (168, 1271), (176, 1307), (180, 1316),

Gene: Phlorence_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Phlorence_2:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: Phoebe_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Phoebe_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Phomeo_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Phomeo_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Phonnegut_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Phonnegut_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Phontbonne_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for Phontbonne_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (183, 1191), (187, 1206),

Gene: Phoxy_2 Start: 875, Stop: 1276, Start Num: 75
Candidate Starts for Phoxy_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Phrankenstein_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Phrankenstein_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Phranny_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Phranny_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: PhrostyMug_2 Start: 926, Stop: 1360, Start Num: 66
Candidate Starts for PhrostyMug_2:
(Start: 66 @926 has 239 MA's), (Start: 75 @938 has 6 MA's), (98, 1019), (148, 1190), (149, 1193), (153, 1205), (157, 1214), (168, 1268), (176, 1304), (180, 1313),

Gene: PickleBack_2 Start: 872, Stop: 1321, Start Num: 67
Candidate Starts for PickleBack_2:
(10, 656), (14, 671), (15, 674), (17, 689), (19, 695), (21, 719), (Start: 58 @842 has 1 MA's), (Start: 67 @872 has 40 MA's), (98, 965), (100, 971), (106, 989), (118, 1040), (148, 1163), (157, 1187), (161, 1202),

Gene: PinkPlastic_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for PinkPlastic_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (149, 1201), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: Pinto_3 Start: 1130, Stop: 1570, Start Num: 66
Candidate Starts for Pinto_3:
(Start: 66 @1130 has 239 MA's), (98, 1229), (149, 1403), (157, 1424), (168, 1478), (176, 1514), (180, 1523),

Gene: Pioneer_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Pioneer_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Pipcraft_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Pipcraft_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Pippin_4 Start: 1214, Stop: 1654, Start Num: 66
Candidate Starts for Pippin_4:
(Start: 66 @1214 has 239 MA's), (98, 1313), (149, 1487), (157, 1508), (168, 1562), (176, 1598), (180, 1607),

Gene: Pippy_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Pippy_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Piro94_5 Start: 2963, Stop: 3433, Start Num: 71
Candidate Starts for Piro94_5:
(Start: 71 @2963 has 205 MA's), (92, 3047), (98, 3059), (106, 3083), (117, 3122), (121, 3152), (146, 3248), (148, 3257), (157, 3281), (179, 3380), (183, 3389),

Gene: Pistachio_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Pistachio_2:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: Pita2_4 Start: 1366, Stop: 1806, Start Num: 66
Candidate Starts for Pita2_4:
(Start: 66 @1366 has 239 MA's), (98, 1465), (149, 1639), (157, 1660), (168, 1714), (176, 1750), (180, 1759),

Gene: Pleakley_1 Start: 122, Stop: 679, Start Num: 47
Candidate Starts for Pleakley_1:
(Start: 47 @122 has 43 MA's), (116, 317), (120, 350), (134, 407), (140, 437), (150, 479), (155, 494), (159, 503), (193, 671),

Gene: Pmask_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Pmask_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Pocahontas_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Pocahontas_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Poenanya_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Poenanya_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Polka14_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Polka14_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Polo2Bam_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Polo2Bam_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Polymorphads_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Polymorphads_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Polyphemus_5 Start: 2484, Stop: 2954, Start Num: 71
Candidate Starts for Polyphemus_5:
(Start: 71 @2484 has 205 MA's), (92, 2571), (98, 2583), (117, 2646), (121, 2676), (127, 2715), (132, 2727), (148, 2781), (157, 2805), (183, 2916),

Gene: Polyyuki_1 Start: 110, Stop: 667, Start Num: 43
Candidate Starts for Polyyuki_1:
(Start: 43 @110 has 5 MA's), (72, 161), (78, 188), (85, 212), (94, 245), (120, 326), (123, 353), (140, 413), (188, 608),

Gene: Pomar16_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for Pomar16_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: Poompha_2 Start: 805, Stop: 1236, Start Num: 69
Candidate Starts for Poompha_2:
(Start: 69 @805 has 314 MA's), (91, 886), (114, 943), (149, 1075), (153, 1087), (157, 1096), (179, 1186), (183, 1195),

Gene: PopTart_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for PopTart_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (89, 172), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: PotatoChip_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for PotatoChip_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460),

Gene: PotatoSplit_3 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for PotatoSplit_3:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Power_6 Start: 2904, Stop: 3374, Start Num: 71
Candidate Starts for Power_6:
(3, 2646), (10, 2685), (17, 2718), (Start: 71 @2904 has 205 MA's), (92, 2988), (106, 3024), (117, 3063), (121, 3093), (146, 3189), (148, 3198), (157, 3222), (179, 3321), (183, 3330),

Gene: PowerRanger_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for PowerRanger_2:
(Start: 66 @928 has 239 MA's), (Start: 75 @940 has 6 MA's), (98, 1021), (149, 1195), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: Priamo_5 Start: 2497, Stop: 2967, Start Num: 71
Candidate Starts for Priamo_5:
(Start: 71 @2497 has 205 MA's), (92, 2584), (98, 2596), (117, 2659), (121, 2689), (127, 2728), (132, 2740), (148, 2794), (157, 2818), (183, 2929),

Gene: Prinashe11_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Prinashe11_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Priscilla_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Priscilla_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Priya_5 Start: 2666, Stop: 3139, Start Num: 65
Candidate Starts for Priya_5:
(17, 2480), (29, 2558), (Start: 65 @2666 has 82 MA's), (85, 2723), (104, 2780), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (175, 3077), (179, 3086), (183, 3095),

Gene: ProMouse_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for ProMouse_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: Prudy_5 Start: 2628, Stop: 3098, Start Num: 71
Candidate Starts for Prudy_5:
(60, 2622), (Start: 71 @2628 has 205 MA's), (92, 2712), (98, 2724), (106, 2748), (117, 2787), (121, 2817), (146, 2913), (148, 2922), (157, 2946), (177, 3039), (179, 3045), (183, 3054),

Gene: Puginator_7 Start: 2296, Stop: 2727, Start Num: 69
Candidate Starts for Puginator_7:
(Start: 69 @2296 has 314 MA's), (98, 2392), (102, 2401), (129, 2524), (149, 2572), (162, 2611), (166, 2635), (187, 2719),

Gene: Pukovnik_5 Start: 2424, Stop: 2894, Start Num: 65
Candidate Starts for Pukovnik_5:
(Start: 58 @2397 has 1 MA's), (Start: 65 @2424 has 82 MA's), (91, 2508), (99, 2526), (104, 2538), (117, 2586), (148, 2721), (157, 2745), (183, 2853),

Gene: Pumbaa_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for Pumbaa_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (175, 1173), (183, 1191), (187, 1206),

Gene: Puppet_3 Start: 1130, Stop: 1570, Start Num: 66
Candidate Starts for Puppet_3:
(Start: 66 @1130 has 239 MA's), (98, 1229), (149, 1403), (157, 1424), (168, 1478), (176, 1514), (180, 1523),

Gene: Puppy_2 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for Puppy_2:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: PurpleHaze_2 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for PurpleHaze_2:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: QTRlifeCrisis_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for QTRlifeCrisis_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (148, 1198), (149, 1201), (153, 1213), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: Qobbit_5 Start: 2666, Stop: 3139, Start Num: 65
Candidate Starts for Qobbit_5:

(17, 2480), (29, 2558), (Start: 65 @2666 has 82 MA's), (85, 2723), (104, 2780), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (175, 3077), (179, 3086), (183, 3095),

Gene: QueenB2_6 Start: 3008, Stop: 3478, Start Num: 71
Candidate Starts for QueenB2_6:
(3, 2750), (10, 2789), (17, 2822), (Start: 71 @3008 has 205 MA's), (92, 3092), (106, 3128), (117, 3167), (121, 3197), (134, 3251), (146, 3293), (148, 3302), (157, 3326), (179, 3425), (183, 3434),

Gene: QueenBeesly_6 Start: 2904, Stop: 3374, Start Num: 71
Candidate Starts for QueenBeesly_6:
(Start: 71 @2904 has 205 MA's), (92, 2988), (106, 3024), (117, 3063), (121, 3093), (146, 3189), (148, 3198), (157, 3222), (179, 3321), (183, 3330),

Gene: QuickMath_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for QuickMath_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: QuinnKiro_1 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for QuinnKiro_1:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Quokka_4 Start: 2661, Stop: 3128, Start Num: 71
Candidate Starts for Quokka_4:
(Start: 71 @2661 has 205 MA's), (92, 2745), (98, 2757), (104, 2772), (117, 2820), (121, 2850), (124, 2880), (146, 2946), (148, 2955), (157, 2979), (183, 3087),

Gene: R4_5 Start: 1751, Stop: 2191, Start Num: 63
Candidate Starts for R4_5:
(Start: 63 @1751 has 3 MA's), (Start: 69 @1760 has 314 MA's), (98, 1856), (128, 1985), (134, 1997), (149, 2036), (166, 2099), (184, 2174),

Gene: RER2_66 Start: 44475, Stop: 44897, Start Num: 69
Candidate Starts for RER2_66:
(Start: 69 @44475 has 314 MA's), (Start: 75 @44493 has 6 MA's), (104, 44586), (112, 44610), (117, 44622), (153, 44757), (175, 44847), (183, 44865), (187, 44880),

Gene: RGL3_65 Start: 45940, Stop: 46362, Start Num: 69
Candidate Starts for RGL3_65:
(Start: 69 @45940 has 314 MA's), (Start: 75 @45958 has 6 MA's), (112, 46075), (137, 46183), (149, 46210), (152, 46216), (161, 46246), (162, 46249), (183, 46330), (187, 46345),

Gene: Rachaly_6 Start: 2871, Stop: 3341, Start Num: 71
Candidate Starts for Rachaly_6:
(60, 2865), (Start: 71 @2871 has 205 MA's), (98, 2967), (106, 2991), (117, 3030), (148, 3165), (157, 3189), (177, 3282), (179, 3288), (183, 3297),

Gene: Radiance_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Radiance_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190,

555),

Gene: Rahalelujah_5 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for Rahalelujah_5:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: Raid_4 Start: 1279, Stop: 1713, Start Num: 66
Candidate Starts for Raid_4:
(Start: 50 @1240 has 2 MA's), (Start: 66 @1279 has 239 MA's), (98, 1372), (149, 1546), (157, 1567), (168, 1621), (176, 1657), (180, 1666),

Gene: Rajelicia_3 Start: 1081, Stop: 1521, Start Num: 66
Candidate Starts for Rajelicia_3:
(Start: 66 @1081 has 239 MA's), (98, 1180), (149, 1354), (157, 1375), (168, 1429), (176, 1465), (180, 1474),

Gene: Rasputin_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Rasputin_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Ravana_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Ravana_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: ReMo_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for ReMo_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Reba_3 Start: 861, Stop: 1280, Start Num: 69
Candidate Starts for Reba_3:
(Start: 61 @855 has 20 MA's), (Start: 69 @861 has 314 MA's), (Start: 75 @879 has 6 MA's), (149, 1131), (157, 1152), (179, 1242),

Gene: Rebeuca_3 Start: 963, Stop: 1394, Start Num: 69
Candidate Starts for Rebeuca_3:
(Start: 65 @960 has 82 MA's), (Start: 69 @963 has 314 MA's), (91, 1044), (104, 1074), (114, 1101), (149, 1233), (153, 1245), (157, 1254), (179, 1344), (183, 1353),

Gene: RedBird_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for RedBird_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: RedRaider_1 Start: 121, Stop: 687, Start Num: 47
Candidate Starts for RedRaider_1:
(Start: 47 @121 has 43 MA's), (Start: 75 @187 has 6 MA's), (84, 214), (103, 277), (120, 361), (134, 418), (135, 427), (140, 448), (159, 514), (192, 676), (193, 679),

Gene: RedRock_5 Start: 2614, Stop: 3084, Start Num: 71
Candidate Starts for RedRock_5:
(Start: 71 @2614 has 205 MA's), (92, 2698), (98, 2710), (117, 2773), (121, 2803), (127, 2842), (132, 2854), (146, 2899), (148, 2908), (157, 2932), (177, 3025), (179, 3031), (183, 3040),

Gene: Refuge_5 Start: 2586, Stop: 3062, Start Num: 65
Candidate Starts for Refuge_5:
(Start: 58 @2559 has 1 MA's), (Start: 65 @2586 has 82 MA's), (98, 2685), (99, 2688), (117, 2748), (121, 2778), (146, 2874), (148, 2883), (157, 2907), (161, 2922), (175, 2997), (183, 3015),

Gene: Relief_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Relief_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Remus_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Remus_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: ResDef_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for ResDef_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Retro23_6 Start: 3007, Stop: 3477, Start Num: 71
Candidate Starts for Retro23_6:
(Start: 71 @3007 has 205 MA's), (92, 3091), (106, 3127), (117, 3166), (121, 3196), (146, 3292), (148, 3301), (157, 3325), (179, 3424), (183, 3433),

Gene: RexFury_3 Start: 1048, Stop: 1470, Start Num: 69
Candidate Starts for RexFury_3:
(Start: 69 @1048 has 314 MA's), (Start: 75 @1066 has 6 MA's), (104, 1159), (112, 1183), (117, 1195), (153, 1330), (175, 1420), (183, 1438), (187, 1453),

Gene: Rhodalysa_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Rhodalysa_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: RhynO_2 Start: 807, Stop: 1241, Start Num: 69
Candidate Starts for RhynO_2:
(Start: 65 @804 has 82 MA's), (Start: 69 @807 has 314 MA's), (91, 888), (114, 945), (149, 1077), (153, 1089), (157, 1098), (179, 1188), (183, 1197),

Gene: Rhynn_2 Start: 1080, Stop: 1520, Start Num: 66
Candidate Starts for Rhynn_2:
(Start: 66 @1080 has 239 MA's), (98, 1179), (149, 1353), (157, 1374), (168, 1428), (176, 1464), (180, 1473),

Gene: RidgeCB_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for RidgeCB_3:

(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Rifter_5 Start: 2471, Stop: 2941, Start Num: 71
Candidate Starts for Rifter_5:
(Start: 71 @2471 has 205 MA's), (92, 2558), (117, 2633), (121, 2663), (142, 2747), (148, 2768), (157, 2792), (162, 2810),

Gene: Ringer_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for Ringer_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (149, 1201), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: Rita_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Rita_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (178, 515), (190, 557),

Gene: RitaG_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for RitaG_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Roary_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Roary_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: RockieBear_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for RockieBear_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Rockne_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Rockne_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Rocksand_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Rocksand_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Rockstar_2 Start: 758, Stop: 1186, Start Num: 69
Candidate Starts for Rockstar_2:
(Start: 69 @758 has 314 MA's), (86, 821), (90, 836), (143, 1016), (149, 1028), (157, 1049), (166, 1091), (175, 1130), (183, 1148),

Gene: Rohr_3 Start: 1163, Stop: 1597, Start Num: 66
Candidate Starts for Rohr_3:

(Start: 66 @1163 has 239 MA's), (98, 1256), (149, 1430), (157, 1451), (168, 1505), (176, 1541), (180, 1550),

Gene: Roimos_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Roimos_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: Roksolana_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Roksolana_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Romney_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Romney_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Roosevelt_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Roosevelt_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Rosa24_1 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for Rosa24_1:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (175, 1173), (183, 1191), (187, 1206),

Gene: Rosalind_5 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for Rosalind_5:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Rowdy_2 Start: 804, Stop: 1238, Start Num: 69
Candidate Starts for Rowdy_2:
(Start: 65 @801 has 82 MA's), (Start: 69 @804 has 314 MA's), (91, 885), (98, 900), (104, 915), (114, 942), (149, 1074), (153, 1086), (157, 1095), (179, 1185), (183, 1194),

Gene: Royals2015_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Royals2015_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Rubeus_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Rubeus_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Ruby_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Ruby_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389),

(159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: Rufus_3 Start: 1078, Stop: 1518, Start Num: 66
Candidate Starts for Rufus_3:
(Start: 66 @1078 has 239 MA's), (98, 1177), (149, 1351), (157, 1372), (168, 1426), (176, 1462), (180, 1471),

Gene: Ruin_2 Start: 802, Stop: 1233, Start Num: 69
Candidate Starts for Ruin_2:
(Start: 69 @802 has 314 MA's), (98, 898), (117, 949), (127, 1018), (157, 1093), (158, 1096), (162, 1111), (166, 1135), (175, 1174), (183, 1192), (187, 1207),

Gene: Rummer_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Rummer_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Ruotula_3 Start: 1660, Stop: 2100, Start Num: 66
Candidate Starts for Ruotula_3:
(Start: 66 @1660 has 239 MA's), (98, 1759), (149, 1933), (157, 1954), (168, 2008), (176, 2044), (180, 2053),

Gene: Rusticus_6 Start: 2116, Stop: 2541, Start Num: 73
Candidate Starts for Rusticus_6:
(41, 2032), (59, 2080), (Start: 73 @2116 has 167 MA's), (97, 2203), (98, 2206), (149, 2386),

Gene: Rutherferd_3 Start: 1093, Stop: 1527, Start Num: 66
Candidate Starts for Rutherferd_3:
(Start: 50 @1054 has 2 MA's), (Start: 66 @1093 has 239 MA's), (98, 1186), (149, 1360), (157, 1381), (168, 1435), (176, 1471), (180, 1480),

Gene: RyeScarlet_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for RyeScarlet_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: SG4_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for SG4_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: STLscum_4 Start: 1351, Stop: 1785, Start Num: 66
Candidate Starts for STLscum_4:
(Start: 66 @1351 has 239 MA's), (98, 1444), (149, 1618), (157, 1639), (168, 1693), (176, 1729), (180, 1738),

Gene: Saal_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Saal_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Sabbb_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Sabbb_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Sabertooth_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Sabertooth_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Sabia_2 Start: 851, Stop: 1276, Start Num: 61
Candidate Starts for Sabia_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Sabinator_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Sabinator_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Sachima_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Sachima_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Sagefire_4 Start: 1231, Stop: 1671, Start Num: 66
Candidate Starts for Sagefire_4:
(Start: 66 @1231 has 239 MA's), (98, 1330), (149, 1504), (157, 1525), (168, 1579), (176, 1615), (180, 1624),

Gene: Saintus_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Saintus_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (136, 1077), (148, 1104),

Gene: Salvus_5 Start: 1624, Stop: 2100, Start Num: 74
Candidate Starts for Salvus_5:
(54, 1576), (Start: 74 @1624 has 3 MA's), (90, 1687), (91, 1690), (101, 1720), (122, 1822), (176, 2047), (184, 2068), (187, 2077),

Gene: Salz_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Salz_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Sandaddy_2 Start: 930, Stop: 1364, Start Num: 66
Candidate Starts for Sandaddy_2:
(Start: 66 @930 has 239 MA's), (98, 1023), (149, 1197), (157, 1218), (168, 1272), (176, 1308), (180, 1317),

Gene: Sandalphon_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Sandalphon_1:

(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Sanya_3 Start: 1659, Stop: 2093, Start Num: 66
Candidate Starts for Sanya_3:
(Start: 66 @1659 has 239 MA's), (98, 1752), (148, 1923), (149, 1926), (153, 1938), (157, 1947), (168, 2001), (176, 2037), (180, 2046),

Gene: SarFire_3 Start: 1088, Stop: 1522, Start Num: 66
Candidate Starts for SarFire_3:
(Start: 66 @1088 has 239 MA's), (98, 1181), (149, 1355), (157, 1376), (168, 1430), (176, 1466), (180, 1475),

Gene: Saskia_5 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Saskia_5:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Sassafras_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Sassafras_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: SassyB_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for SassyB_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: SaturnRing_1 Start: 759, Stop: 1187, Start Num: 69
Candidate Starts for SaturnRing_1:
(Start: 69 @759 has 314 MA's), (90, 837), (153, 1041), (157, 1050), (166, 1092), (175, 1131), (183, 1149),

Gene: Scamp_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Scamp_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Scherzo_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Scherzo_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Scorpia_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Scorpia_2:
(Start: 67 @840 has 40 MA's), (100, 939), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Scottish_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Scottish_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190,

555),

Gene: Scout_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Scout_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (143, 1012), (149, 1024), (157, 1045), (166, 1087), (183, 1144),

Gene: Scowl_4 Start: 1451, Stop: 1891, Start Num: 66
Candidate Starts for Scowl_4:
(Start: 66 @1451 has 239 MA's), (98, 1550), (149, 1724), (157, 1745), (168, 1799), (176, 1835), (180, 1844),

Gene: Scuba_1 Start: 122, Stop: 679, Start Num: 47
Candidate Starts for Scuba_1:
(Start: 47 @122 has 43 MA's), (Start: 75 @188 has 6 MA's), (116, 317), (120, 350), (134, 407), (140, 437), (155, 494), (159, 503), (193, 671),

Gene: SeaLumen_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for SeaLumen_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Seabastian_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Seabastian_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (190, 556),

Gene: Seabiscuit_3 Start: 1080, Stop: 1514, Start Num: 66
Candidate Starts for Seabiscuit_3:
(Start: 66 @1080 has 239 MA's), (98, 1173), (149, 1347), (157, 1368), (168, 1422), (176, 1458), (180, 1467),

Gene: Seanderson_4 Start: 1605, Stop: 2045, Start Num: 66
Candidate Starts for Seanderson_4:
(16, 1416), (28, 1494), (42, 1551), (44, 1554), (Start: 66 @1605 has 239 MA's), (98, 1704), (149, 1878), (157, 1899), (168, 1953), (176, 1989), (180, 1998),

Gene: SemperFi_6 Start: 2898, Stop: 3368, Start Num: 71
Candidate Starts for SemperFi_6:
(Start: 71 @2898 has 205 MA's), (92, 2982), (106, 3018), (117, 3057), (121, 3087), (146, 3183), (148, 3192), (157, 3216), (179, 3315), (183, 3324),

Gene: SenorClean_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for SenorClean_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Serenity_5 Start: 2661, Stop: 3128, Start Num: 71
Candidate Starts for Serenity_5:
(Start: 71 @2661 has 205 MA's), (92, 2745), (98, 2757), (104, 2772), (117, 2820), (121, 2850), (124, 2880), (146, 2946), (148, 2955), (157, 2979), (183, 3087),

Gene: Severus_2 Start: 805, Stop: 1236, Start Num: 69
Candidate Starts for Severus_2:
(Start: 69 @805 has 314 MA's), (91, 886), (114, 943), (149, 1075), (153, 1087), (157, 1096), (179, 1186), (183, 1195),

Gene: Shaka_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Shaka_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Sham4_5 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Sham4_5:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Shapes_2 Start: 804, Stop: 1238, Start Num: 69
Candidate Starts for Shapes_2:
(Start: 65 @801 has 82 MA's), (Start: 69 @804 has 314 MA's), (91, 885), (98, 900), (104, 915), (114, 942), (149, 1074), (153, 1086), (157, 1095), (179, 1185), (183, 1194),

Gene: Shauna1_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Shauna1_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: ShayRa_6 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for ShayRa_6:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (104, 2868), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: SheaKeira_5 Start: 2450, Stop: 2920, Start Num: 65
Candidate Starts for SheaKeira_5:
(Start: 65 @2450 has 82 MA's), (87, 2519), (92, 2534), (117, 2609), (146, 2735), (148, 2744), (157, 2768), (179, 2867), (183, 2876),

Gene: Sheen_2 Start: 732, Stop: 1166, Start Num: 68
Candidate Starts for Sheen_2:
(5, 489), (8, 510), (22, 585), (53, 696), (Start: 58 @705 has 1 MA's), (Start: 68 @732 has 4 MA's), (127, 951), (153, 1017), (157, 1026), (183, 1131),

Gene: SheldonCooper_2 Start: 801, Stop: 1232, Start Num: 69
Candidate Starts for SheldonCooper_2:
(Start: 69 @801 has 314 MA's), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (183, 1191), (187, 1206),

Gene: Shep_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Shep_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (127, 970), (143, 1012), (149, 1024), (153, 1036), (157, 1045), (166, 1087), (175, 1126), (183, 1144),

Gene: ShiLan_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for ShiLan_1:

(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (105, 208), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: ShortQueendom_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for ShortQueendom_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (148, 1200), (149, 1203), (153, 1215), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: ShowerHandel_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for ShowerHandel_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (147, 389), (159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: ShroomBoi_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for ShroomBoi_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Shuman_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Shuman_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Shygu2_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Shygu2_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: SiSi_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for SiSi_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (159, 424), (163, 439), (178, 514), (188, 547), (190, 556),

Gene: Sibs6_4 Start: 1279, Stop: 1713, Start Num: 66
Candidate Starts for Sibs6_4:
(20, 1126), (25, 1153), (31, 1186), (Start: 66 @1279 has 239 MA's), (98, 1372), (149, 1546), (157, 1567), (168, 1621), (176, 1657), (180, 1666),

Gene: Skadoosh_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Skadoosh_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: SkiPole_4 Start: 1351, Stop: 1785, Start Num: 66
Candidate Starts for SkiPole_4:
(Start: 66 @1351 has 239 MA's), (98, 1444), (149, 1618), (157, 1639), (168, 1693), (176, 1729), (180, 1738),

Gene: Skipitt_2 Start: 803, Stop: 1234, Start Num: 69

Candidate Starts for Skipitt_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Sknot_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for Sknot_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: Skysand_1 Start: 121, Stop: 687, Start Num: 47
Candidate Starts for Skysand_1:
(Start: 47 @121 has 43 MA's), (Start: 75 @187 has 6 MA's), (103, 277), (108, 301), (120, 361), (134, 418), (135, 427), (140, 448), (159, 514), (192, 676), (193, 679),

Gene: Slagathor_3 Start: 1081, Stop: 1521, Start Num: 66
Candidate Starts for Slagathor_3:
(Start: 66 @1081 has 239 MA's), (98, 1180), (149, 1354), (157, 1375), (168, 1429), (176, 1465), (180, 1474),

Gene: Smairt_3 Start: 1435, Stop: 1875, Start Num: 66
Candidate Starts for Smairt_3:
(16, 1246), (28, 1324), (42, 1381), (44, 1384), (Start: 66 @1435 has 239 MA's), (98, 1534), (149, 1708), (157, 1729), (168, 1783), (176, 1819), (180, 1828),

Gene: Smeadley_2 Start: 834, Stop: 1262, Start Num: 65
Candidate Starts for Smeadley_2:
(Start: 50 @795 has 2 MA's), (Start: 65 @834 has 82 MA's), (118, 993), (129, 1056), (148, 1104),

Gene: Smeagan_6 Start: 2886, Stop: 3356, Start Num: 71
Candidate Starts for Smeagan_6:
(Start: 71 @2886 has 205 MA's), (92, 2970), (98, 2982), (106, 3006), (117, 3045), (121, 3075), (146, 3171), (148, 3180), (157, 3204), (179, 3303), (183, 3312),

Gene: Smeagol_3 Start: 1436, Stop: 1876, Start Num: 66
Candidate Starts for Smeagol_3:
(16, 1247), (28, 1325), (42, 1382), (44, 1385), (Start: 66 @1436 has 239 MA's), (98, 1535), (149, 1709), (157, 1730), (168, 1784), (176, 1820), (180, 1829),

Gene: SmellyB_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for SmellyB_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: SnapTap_6 Start: 2904, Stop: 3374, Start Num: 71
Candidate Starts for SnapTap_6:
(3, 2646), (10, 2685), (17, 2718), (Start: 71 @2904 has 205 MA's), (92, 2988), (106, 3024), (117, 3063), (121, 3093), (146, 3189), (148, 3198), (157, 3222), (179, 3321), (183, 3330),

Gene: Snape_5 Start: 2695, Stop: 3159, Start Num: 71
Candidate Starts for Snape_5:
(Start: 71 @2695 has 205 MA's), (92, 2779), (148, 2989), (157, 3013), (179, 3112), (183, 3121),

Gene: Snazzy_2 Start: 926, Stop: 1366, Start Num: 66

Candidate Starts for Snazzy_2:
(Start: 66 @926 has 239 MA's), (98, 1025), (148, 1196), (149, 1199), (153, 1211), (157, 1220), (168, 1274), (176, 1310), (180, 1319),

Gene: Snickers_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Snickers_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: SoYo_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for SoYo_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: SoilDragon_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for SoilDragon_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Solon_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for Solon_2:
(Start: 66 @929 has 239 MA's), (98, 1028), (149, 1202), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: SororFago_5 Start: 2731, Stop: 3204, Start Num: 64
Candidate Starts for SororFago_5:
(Start: 58 @2704 has 1 MA's), (Start: 64 @2731 has 3 MA's), (98, 2830), (104, 2845), (106, 2854), (117, 2893), (121, 2923), (146, 3019), (148, 3028), (157, 3052),

Gene: Sorpresa_2 Start: 930, Stop: 1364, Start Num: 66
Candidate Starts for Sorpresa_2:
(Start: 66 @930 has 239 MA's), (98, 1023), (149, 1197), (157, 1218), (168, 1272), (176, 1308), (180, 1317),

Gene: Soshari_4 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Soshari_4:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Soups_5 Start: 2757, Stop: 3212, Start Num: 71
Candidate Starts for Soups_5:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Sparkdehlily_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Sparkdehlily_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (178, 515), (190, 557),

Gene: Spartacus_1 Start: 112, Stop: 567, Start Num: 73
Candidate Starts for Spartacus_1:

(Start: 73 @112 has 167 MA's), (Start: 79 @139 has 6 MA's), (90, 178), (97, 196), (98, 199), (105, 211), (113, 238), (116, 244), (120, 277), (125, 313), (128, 322), (131, 328), (147, 391), (159, 427), (163, 442), (178, 517), (188, 550), (190, 559),

Gene: Sparxx_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Sparxx_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Spike509_2 Start: 875, Stop: 1276, Start Num: 75
Candidate Starts for Spike509_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: SpikeBT_3 Start: 1127, Stop: 1567, Start Num: 66
Candidate Starts for SpikeBT_3:
(20, 974), (25, 1001), (31, 1034), (Start: 66 @1127 has 239 MA's), (98, 1226), (149, 1400), (157, 1421), (168, 1475), (176, 1511), (180, 1520),

Gene: Spino_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Spino_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Spoonbill_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Spoonbill_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (159, 424), (163, 439), (173, 508), (178, 514), (188, 547), (190, 556),

Gene: Spouty_5 Start: 2666, Stop: 3139, Start Num: 65
Candidate Starts for Spouty_5:
(17, 2480), (29, 2558), (Start: 65 @2666 has 82 MA's), (85, 2723), (104, 2780), (117, 2828), (121, 2858), (148, 2963), (157, 2987), (175, 3077), (179, 3086), (183, 3095),

Gene: Squee_2 Start: 937, Stop: 1377, Start Num: 66
Candidate Starts for Squee_2:
(Start: 66 @937 has 239 MA's), (98, 1036), (149, 1210), (157, 1231), (168, 1285), (176, 1321), (180, 1330),

Gene: StAnnes_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for StAnnes_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: StCroix_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for StCroix_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Stagni_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Stagni_2:

(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: StarStruck_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for StarStruck_1:
(Start: 47 @158 has 43 MA's), (85, 266), (98, 308), (120, 395), (127, 437), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: StarStuff_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for StarStuff_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: Stasia_2 Start: 809, Stop: 1237, Start Num: 69
Candidate Starts for Stasia_2:
(Start: 69 @809 has 314 MA's), (98, 905), (117, 956), (127, 1025), (157, 1100), (158, 1103), (162, 1118), (166, 1142), (179, 1190), (183, 1199), (187, 1214),

Gene: SteMason_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for SteMason_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Steamy_5 Start: 2555, Stop: 3034, Start Num: 65
Candidate Starts for Steamy_5:
(Start: 65 @2555 has 82 MA's), (117, 2717), (148, 2852), (157, 2876), (162, 2894), (179, 2975),

Gene: StepMih_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for StepMih_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Stephig9_2 Start: 796, Stop: 1263, Start Num: 50
Candidate Starts for Stephig9_2:
(Start: 50 @796 has 2 MA's), (Start: 65 @835 has 82 MA's), (118, 994), (129, 1057), (136, 1078), (148, 1105),

Gene: StewieG_2 Start: 928, Stop: 1368, Start Num: 66
Candidate Starts for StewieG_2:
(Start: 66 @928 has 239 MA's), (98, 1027), (148, 1198), (149, 1201), (153, 1213), (157, 1222), (168, 1276), (176, 1312), (180, 1321),

Gene: Stickynote_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for Stickynote_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460), (170, 535),

Gene: Stink_2 Start: 801, Stop: 1229, Start Num: 69
Candidate Starts for Stink_2:
(Start: 69 @801 has 314 MA's), (92, 885), (98, 897), (117, 948), (127, 1017), (157, 1092), (158, 1095), (162, 1110), (166, 1134), (175, 1173), (179, 1182), (183, 1191), (187, 1206),

Gene: Strokeseat_1 Start: 109, Stop: 564, Start Num: 73

Candidate Starts for Strokeseat_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: StrongArm_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for StrongArm_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Strosahl_5 Start: 2610, Stop: 3065, Start Num: 71
Candidate Starts for Strosahl_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: Sukkupi_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for Sukkupi_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: Sultana_2 Start: 804, Stop: 1235, Start Num: 69
Candidate Starts for Sultana_2:
(Start: 69 @804 has 314 MA's), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (175, 1176), (183, 1194), (187, 1209),

Gene: Sumter_3 Start: 1095, Stop: 1529, Start Num: 66
Candidate Starts for Sumter_3:
(Start: 50 @1056 has 2 MA's), (Start: 66 @1095 has 239 MA's), (Start: 75 @1107 has 6 MA's), (98, 1188), (149, 1362), (157, 1383), (168, 1437), (176, 1473), (180, 1482),

Gene: Sunhee_5 Start: 2749, Stop: 3216, Start Num: 65
Candidate Starts for Sunhee_5:
(Start: 58 @2722 has 1 MA's), (Start: 65 @2749 has 82 MA's), (Start: 75 @2764 has 6 MA's), (106, 2866), (117, 2905), (121, 2935), (146, 3031), (148, 3040), (157, 3064),

Gene: Sunshine924_2 Start: 926, Stop: 1360, Start Num: 66
Candidate Starts for Sunshine924_2:
(Start: 66 @926 has 239 MA's), (Start: 75 @938 has 6 MA's), (98, 1019), (149, 1193), (157, 1214), (168, 1268), (176, 1304), (180, 1313),

Gene: SuperAwesome_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for SuperAwesome_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: SuperCallie99_5 Start: 2483, Stop: 2953, Start Num: 71
Candidate Starts for SuperCallie99_5:
(Start: 71 @2483 has 205 MA's), (92, 2570), (98, 2582), (117, 2645), (121, 2675), (127, 2714), (132, 2726), (148, 2780), (157, 2804), (183, 2915),

Gene: SuperGrey_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for SuperGrey_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163,

439), (178, 514), (190, 556),

Gene: SuperSulley_1 Start: 157, Stop: 702, Start Num: 47
Candidate Starts for SuperSulley_1:
(Start: 47 @157 has 43 MA's), (85, 265), (120, 382), (135, 448), (140, 469), (159, 535), (193, 694),

Gene: Superchunk_5 Start: 2488, Stop: 2952, Start Num: 71
Candidate Starts for Superchunk_5:
(Start: 71 @2488 has 205 MA's), (92, 2572), (98, 2584), (106, 2608), (117, 2647), (148, 2782), (157, 2806), (158, 2809), (175, 2899), (179, 2908), (183, 2917),

Gene: Superstar_6 Start: 2556, Stop: 2990, Start Num: 69
Candidate Starts for Superstar_6:
(Start: 69 @2556 has 314 MA's), (98, 2652), (149, 2832), (162, 2871), (166, 2895),

Gene: SwagPigglett_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for SwagPigglett_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (105, 209), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (147, 389), (159, 425), (163, 440), (178, 515), (188, 548), (190, 557),

Gene: Swann_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Swann_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: SweetiePie_6 Start: 2904, Stop: 3374, Start Num: 71
Candidate Starts for SweetiePie_6:
(Start: 71 @2904 has 205 MA's), (92, 2988), (106, 3024), (117, 3063), (121, 3093), (146, 3189), (148, 3198), (157, 3222), (179, 3321), (183, 3330),

Gene: SwirlSquare_5 Start: 2486, Stop: 2950, Start Num: 71
Candidate Starts for SwirlSquare_5:
(Start: 71 @2486 has 205 MA's), (92, 2570), (98, 2582), (106, 2606), (117, 2645), (148, 2780), (157, 2804), (158, 2807), (161, 2819), (175, 2897), (179, 2906), (183, 2915),

Gene: Swirley_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Swirley_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: SwissCheese_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for SwissCheese_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: Switzer_3 Start: 1078, Stop: 1512, Start Num: 66
Candidate Starts for Switzer_3:
(Start: 66 @1078 has 239 MA's), (98, 1171), (149, 1345), (157, 1366), (168, 1420), (176, 1456), (180, 1465),

Gene: Switzerland_5 Start: 2757, Stop: 3212, Start Num: 71

Candidate Starts for Switzerland_5:
(4, 2511), (5, 2517), (60, 2751), (Start: 71 @2757 has 205 MA's), (117, 2916), (148, 3051), (157, 3075), (158, 3078), (179, 3174),

Gene: Swole_4 Start: 1366, Stop: 1806, Start Num: 66
Candidate Starts for Swole_4:
(Start: 66 @1366 has 239 MA's), (98, 1465), (149, 1639), (157, 1660), (168, 1714), (176, 1750), (180, 1759),

Gene: SydNat_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for SydNat_2:
(10, 624), (14, 639), (17, 657), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: TDanisky_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for TDanisky_1:
(Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (98, 197), (113, 236), (116, 242), (120, 275), (125, 311), (128, 320), (131, 326), (133, 329), (147, 389), (178, 515), (190, 557),

Gene: TNguyen7_2 Start: 757, Stop: 1185, Start Num: 69
Candidate Starts for TNguyen7_2:
(Start: 69 @757 has 314 MA's), (90, 835), (153, 1039), (157, 1048), (166, 1090), (175, 1129), (183, 1147),

Gene: TWAMP_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for TWAMP_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Tailonex_2 Start: 664, Stop: 1077, Start Num: 66
Candidate Starts for Tailonex_2:
(Start: 66 @664 has 239 MA's), (85, 712), (149, 928), (167, 997), (184, 1063),

Gene: Taj_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Taj_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Takoda_3 Start: 1010, Stop: 1432, Start Num: 69
Candidate Starts for Takoda_3:
(Start: 69 @1010 has 314 MA's), (104, 1121), (112, 1145), (117, 1157), (153, 1292), (175, 1382), (183, 1400), (187, 1415),

Gene: Taquarus_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Taquarus_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Target_3 Start: 1182, Stop: 1616, Start Num: 66
Candidate Starts for Target_3:

(Start: 66 @1182 has 239 MA's), (98, 1275), (149, 1449), (157, 1470), (168, 1524), (176, 1560), (180, 1569),

Gene: TarsusIV_6 Start: 2898, Stop: 3374, Start Num: 65
Candidate Starts for TarsusIV_6:
(Start: 65 @2898 has 82 MA's), (92, 2985), (98, 2997), (106, 3021), (117, 3060), (142, 3174), (148, 3195), (157, 3219), (177, 3312), (179, 3318), (183, 3327),

Gene: Tarynearal_1 Start: 869, Stop: 1318, Start Num: 67
Candidate Starts for Tarynearal_1:
(10, 653), (14, 668), (15, 671), (17, 686), (19, 692), (21, 716), (Start: 58 @839 has 1 MA's), (Start: 67 @869 has 40 MA's), (98, 962), (100, 968), (106, 986), (118, 1037), (148, 1160), (157, 1184), (161, 1199),

Gene: Tasp14_3 Start: 1101, Stop: 1535, Start Num: 66
Candidate Starts for Tasp14_3:
(Start: 66 @1101 has 239 MA's), (98, 1194), (149, 1368), (157, 1389), (168, 1443), (176, 1479), (180, 1488),

Gene: Taurus_2 Start: 850, Stop: 1275, Start Num: 61
Candidate Starts for Taurus_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Tefunt_5 Start: 1727, Stop: 2161, Start Num: 69
Candidate Starts for Tefunt_5:
(Start: 69 @1727 has 314 MA's), (98, 1823), (149, 2003), (162, 2042), (166, 2066),

Gene: Temprado_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Temprado_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Teodoridan_2 Start: 931, Stop: 1371, Start Num: 66
Candidate Starts for Teodoridan_2:
(Start: 66 @931 has 239 MA's), (98, 1030), (149, 1204), (157, 1225), (168, 1279), (176, 1315), (180, 1324),

Gene: Terrific_6 Start: 2955, Stop: 3425, Start Num: 71
Candidate Starts for Terrific_6:
(Start: 71 @2955 has 205 MA's), (92, 3039), (98, 3051), (106, 3075), (117, 3114), (121, 3144), (146, 3240), (148, 3249), (157, 3273), (179, 3372), (183, 3381),

Gene: Texage_1 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Texage_1:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Thanksgivukkah_2 Start: 804, Stop: 1235, Start Num: 69
Candidate Starts for Thanksgivukkah_2:
(Start: 69 @804 has 314 MA's), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (175, 1176), (183, 1194), (187, 1209),

Gene: Theia_1 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Theia_1:
(6, 600), (10, 624), (14, 639), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: TheloniousMonk_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for TheloniousMonk_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (148, 1349), (149, 1352), (153, 1364), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Thestral_6 Start: 1799, Stop: 2230, Start Num: 69
Candidate Starts for Thestral_6:
(Start: 69 @1799 has 314 MA's), (98, 1895), (102, 1904), (129, 2027), (149, 2075), (162, 2114), (166, 2138), (187, 2222),

Gene: Thor_3 Start: 1088, Stop: 1522, Start Num: 66
Candidate Starts for Thor_3:
(Start: 66 @1088 has 239 MA's), (98, 1181), (149, 1355), (157, 1376), (168, 1430), (176, 1466), (180, 1475),

Gene: Tiffany_2 Start: 851, Stop: 1276, Start Num: 61
Candidate Starts for Tiffany_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Tiger_2 Start: 871, Stop: 1320, Start Num: 67
Candidate Starts for Tiger_2:
(10, 655), (14, 670), (15, 673), (17, 688), (19, 694), (21, 718), (Start: 58 @841 has 1 MA's), (Start: 67 @871 has 40 MA's), (98, 964), (100, 970), (106, 988), (118, 1039), (148, 1162), (157, 1186), (161, 1201),

Gene: Timothy_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for Timothy_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Timshel_2 Start: 743, Stop: 1177, Start Num: 68
Candidate Starts for Timshel_2:
(Start: 68 @743 has 4 MA's), (90, 821), (92, 827), (98, 842), (104, 857), (117, 893), (124, 953), (127, 962), (157, 1037), (162, 1055), (166, 1079), (183, 1136),

Gene: TinaBelcher_5 Start: 1750, Stop: 2181, Start Num: 69
Candidate Starts for TinaBelcher_5:
(Start: 69 @1750 has 314 MA's), (98, 1846), (102, 1855), (129, 1978), (149, 2026), (162, 2065), (166, 2089), (187, 2173),

Gene: TinaFeyge_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for TinaFeyge_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: TinyPebbles_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for TinyPebbles_2:

(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: TinyTimmy_5 Start: 2689, Stop: 3153, Start Num: 71
Candidate Starts for TinyTimmy_5:
(Start: 71 @2689 has 205 MA's), (92, 2773), (148, 2983), (157, 3007), (179, 3106), (183, 3115),

Gene: Tinybot_1 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Tinybot_1:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: TipsytheTRex_5 Start: 2659, Stop: 3126, Start Num: 71
Candidate Starts for TipsytheTRex_5:
(Start: 71 @2659 has 205 MA's), (92, 2743), (98, 2755), (104, 2770), (117, 2818), (121, 2848), (124, 2878), (146, 2944), (148, 2953), (157, 2977), (160, 2989), (179, 3076), (183, 3085),

Gene: TiroTheta9_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for TiroTheta9_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Toaka_5 Start: 2723, Stop: 3196, Start Num: 65
Candidate Starts for Toaka_5:
(Start: 65 @2723 has 82 MA's), (98, 2822), (117, 2885), (146, 3011), (148, 3020), (157, 3044), (179, 3143),

Gene: Todacoro_2 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Todacoro_2:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Tomathan_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for Tomathan_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: ToneTone_4 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for ToneTone_4:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Topanga_2 Start: 850, Stop: 1281, Start Num: 69
Candidate Starts for Topanga_2:
(Start: 65 @847 has 82 MA's), (Start: 69 @850 has 314 MA's), (91, 931), (98, 946), (104, 961), (114, 988), (149, 1120), (153, 1132), (157, 1141), (166, 1183), (179, 1231), (183, 1240),

Gene: Topgun_3 Start: 1130, Stop: 1564, Start Num: 66
Candidate Starts for Topgun_3:
(Start: 66 @1130 has 239 MA's), (98, 1223), (149, 1397), (157, 1418), (168, 1472), (176, 1508), (180, 1517),

Gene: Topiatin_3 Start: 754, Stop: 1212, Start Num: 66

Candidate Starts for Topiatin_3:
(Start: 66 @754 has 239 MA's), (Start: 79 @784 has 6 MA's), (90, 823), (97, 841), (105, 856), (108, 868), (110, 871), (113, 883), (116, 889), (120, 922), (128, 967), (131, 973), (133, 976), (159, 1072), (178, 1162), (190, 1204),

Gene: Toro_2 Start: 731, Stop: 1165, Start Num: 68
Candidate Starts for Toro_2:
(1, 401), (5, 488), (8, 509), (22, 584), (53, 695), (Start: 58 @704 has 1 MA's), (Start: 68 @731 has 4 MA's), (127, 950), (153, 1016), (157, 1025), (183, 1130),

Gene: Tote_4 Start: 1366, Stop: 1806, Start Num: 66
Candidate Starts for Tote_4:
(Start: 66 @1366 has 239 MA's), (98, 1465), (149, 1639), (157, 1660), (168, 1714), (176, 1750), (180, 1759),

Gene: Tracker_1 Start: 159, Stop: 701, Start Num: 47
Candidate Starts for Tracker_1:
(Start: 47 @159 has 43 MA's), (120, 387), (134, 444), (135, 453), (140, 474), (159, 540), (193, 693),

Gene: Traft412_5 Start: 1776, Stop: 2216, Start Num: 66
Candidate Starts for Traft412_5:
(20, 1623), (25, 1650), (31, 1683), (Start: 66 @1776 has 239 MA's), (98, 1875), (149, 2049), (157, 2070), (168, 2124), (176, 2160), (180, 2169),

Gene: Travvers_5 Start: 2677, Stop: 3144, Start Num: 71
Candidate Starts for Travvers_5:
(62, 2671), (Start: 71 @2677 has 205 MA's), (92, 2761), (98, 2773), (106, 2797), (107, 2806), (117, 2836), (121, 2866), (148, 2971), (157, 2995), (179, 3094), (183, 3103),

Gene: Treddle_3 Start: 1082, Stop: 1522, Start Num: 66
Candidate Starts for Treddle_3:
(Start: 66 @1082 has 239 MA's), (98, 1181), (149, 1355), (157, 1376), (168, 1430), (176, 1466), (180, 1475),

Gene: Trike_1 Start: 804, Stop: 1235, Start Num: 69
Candidate Starts for Trike_1:
(Start: 69 @804 has 314 MA's), (91, 885), (114, 942), (149, 1074), (153, 1086), (157, 1095), (179, 1185), (183, 1194),

Gene: Tripl3t_3 Start: 1126, Stop: 1566, Start Num: 66
Candidate Starts for Tripl3t_3:
(Start: 66 @1126 has 239 MA's), (98, 1225), (149, 1399), (157, 1420), (168, 1474), (176, 1510), (180, 1519),

Gene: Tristan_5 Start: 2455, Stop: 2925, Start Num: 65
Candidate Starts for Tristan_5:
(Start: 65 @2455 has 82 MA's), (91, 2539), (99, 2557), (104, 2569), (117, 2617), (142, 2731), (148, 2752), (157, 2776), (183, 2884),

Gene: Triumph_6 Start: 1726, Stop: 2160, Start Num: 69
Candidate Starts for Triumph_6:
(Start: 69 @1726 has 314 MA's), (98, 1822), (134, 1963), (149, 2002), (166, 2065),

Gene: Trixie_5 Start: 2759, Stop: 3229, Start Num: 71
Candidate Starts for Trixie_5:
(24, 2621), (Start: 71 @2759 has 205 MA's), (92, 2843), (98, 2855), (117, 2918), (127, 2987), (132, 2999), (146, 3044), (148, 3053), (157, 3077), (179, 3176), (183, 3185),

Gene: Trooper_6 Start: 2701, Stop: 3177, Start Num: 65
Candidate Starts for Trooper_6:
(12, 2494), (17, 2521), (Start: 65 @2701 has 82 MA's), (92, 2788), (98, 2800), (106, 2824), (117, 2863), (142, 2977), (148, 2998), (157, 3022), (179, 3121), (183, 3130),

Gene: Trouble_2 Start: 928, Stop: 1362, Start Num: 66
Candidate Starts for Trouble_2:
(Start: 66 @928 has 239 MA's), (98, 1021), (149, 1195), (157, 1216), (168, 1270), (176, 1306), (180, 1315),

Gene: TroyPia_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for TroyPia_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: TrvxScott_4 Start: 1751, Stop: 2182, Start Num: 69
Candidate Starts for TrvxScott_4:
(Start: 69 @1751 has 314 MA's), (98, 1847), (102, 1856), (129, 1979), (149, 2027), (162, 2066), (166, 2090), (187, 2174),

Gene: Tubs_5 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Tubs_5:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: Tucker_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Tucker_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Turbido_6 Start: 2887, Stop: 3357, Start Num: 71
Candidate Starts for Turbido_6:
(Start: 71 @2887 has 205 MA's), (92, 2971), (98, 2983), (106, 3007), (117, 3046), (121, 3076), (146, 3172), (148, 3181), (157, 3205), (179, 3304), (183, 3313),

Gene: Turj99_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for Turj99_2:
(Start: 66 @929 has 239 MA's), (98, 1028), (149, 1202), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: Turuncu_1 Start: 122, Stop: 688, Start Num: 47
Candidate Starts for Turuncu_1:
(Start: 47 @122 has 43 MA's), (103, 281), (120, 362), (134, 419), (135, 428), (140, 449), (159, 515),

Gene: Tweety_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Tweety_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163,

439), (178, 514), (190, 556),

Gene: Twigg_2 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Twigg_2:
(10, 624), (14, 639), (15, 642), (17, 657), (19, 663), (21, 687), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Twister_2 Start: 796, Stop: 1227, Start Num: 69
Candidate Starts for Twister_2:
(Start: 65 @793 has 82 MA's), (Start: 69 @796 has 314 MA's), (91, 877), (104, 907), (114, 934), (149, 1066), (153, 1078), (157, 1087), (179, 1177), (183, 1186),

Gene: TwoPeat_3 Start: 1165, Stop: 1599, Start Num: 66
Candidate Starts for TwoPeat_3:
(Start: 66 @1165 has 239 MA's), (98, 1258), (149, 1432), (157, 1453), (168, 1507), (176, 1543), (180, 1552),

Gene: TygerBlood_2 Start: 805, Stop: 1236, Start Num: 69
Candidate Starts for TygerBlood_2:
(Start: 69 @805 has 314 MA's), (98, 901), (117, 952), (127, 1021), (157, 1096), (158, 1099), (162, 1114), (166, 1138), (175, 1177), (183, 1195), (187, 1210),

Gene: U2_3 Start: 1080, Stop: 1514, Start Num: 66
Candidate Starts for U2_3:
(Start: 66 @1080 has 239 MA's), (98, 1173), (149, 1347), (157, 1368), (168, 1422), (176, 1458), (180, 1467),

Gene: Ugenie5_3 Start: 2669, Stop: 3142, Start Num: 65
Candidate Starts for Ugenie5_3:
(17, 2483), (29, 2561), (Start: 65 @2669 has 82 MA's), (85, 2726), (104, 2783), (117, 2831), (121, 2861), (148, 2966), (157, 2990), (179, 3089), (183, 3098),

Gene: UhSalsa_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for UhSalsa_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Ulysses_2 Start: 804, Stop: 1235, Start Num: 69
Candidate Starts for Ulysses_2:
(Start: 69 @804 has 314 MA's), (98, 900), (117, 951), (127, 1020), (157, 1095), (158, 1098), (162, 1113), (166, 1137), (175, 1176), (183, 1194), (187, 1209),

Gene: UnionJack_2 Start: 837, Stop: 1286, Start Num: 67
Candidate Starts for UnionJack_2:
(2, 576), (10, 621), (14, 636), (15, 639), (17, 654), (19, 660), (21, 684), (29, 732), (Start: 58 @807 has 1 MA's), (Start: 67 @837 has 40 MA's), (100, 936), (118, 1005), (148, 1128), (157, 1152), (161, 1167),

Gene: Updawg_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for Updawg_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: VA6_5 Start: 2800, Stop: 3270, Start Num: 71
Candidate Starts for VA6_5:
(Start: 71 @2800 has 205 MA's), (92, 2884), (106, 2920), (117, 2959), (121, 2989), (146, 3085), (148, 3094), (157, 3118), (179, 3217), (183, 3226),

Gene: VC3_5 Start: 2676, Stop: 3143, Start Num: 71
Candidate Starts for VC3_5:
(62, 2670), (Start: 71 @2676 has 205 MA's), (92, 2760), (98, 2772), (114, 2826), (117, 2835), (148, 2970), (157, 2994), (166, 3036), (175, 3084), (183, 3102),

Gene: VRedHorse_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for VRedHorse_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Vanisoa_5 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for Vanisoa_5:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: Veracruz_1 Start: 784, Stop: 1212, Start Num: 69
Candidate Starts for Veracruz_1:
(Start: 69 @784 has 314 MA's), (90, 862), (127, 1000), (157, 1075), (166, 1117), (175, 1156), (183, 1174),

Gene: Veteran_1 Start: 110, Stop: 565, Start Num: 73
Candidate Starts for Veteran_1:
(46, 50), (Start: 73 @110 has 167 MA's), (Start: 79 @137 has 6 MA's), (90, 176), (97, 194), (105, 209), (108, 221), (110, 224), (113, 236), (116, 242), (120, 275), (128, 320), (131, 326), (133, 329), (159, 425), (163, 440), (178, 515), (190, 557),

Gene: Violac_1 Start: 135, Stop: 563, Start Num: 79
Candidate Starts for Violac_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (125, 309), (128, 318), (131, 324), (147, 387), (178, 513), (188, 546), (190, 555),

Gene: Violet_3 Start: 1079, Stop: 1519, Start Num: 66
Candidate Starts for Violet_3:
(Start: 66 @1079 has 239 MA's), (98, 1178), (149, 1352), (157, 1373), (168, 1427), (176, 1463), (180, 1472),

Gene: Vivum_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Vivum_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Vix_2 Start: 874, Stop: 1275, Start Num: 75
Candidate Starts for Vix_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: VohminGhazi_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for VohminGhazi_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Wachhund_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Wachhund_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Waits_5 Start: 2610, Stop: 3068, Start Num: 71
Candidate Starts for Waits_5:
(4, 2364), (5, 2370), (60, 2604), (Start: 71 @2610 has 205 MA's), (117, 2769), (148, 2904), (157, 2928), (158, 2931), (179, 3027),

Gene: WalterMcMickey_2 Start: 796, Stop: 1227, Start Num: 69
Candidate Starts for WalterMcMickey_2:
(Start: 65 @793 has 82 MA's), (Start: 69 @796 has 314 MA's), (91, 877), (104, 907), (114, 934), (149, 1066), (153, 1078), (157, 1087), (179, 1177), (183, 1186),

Gene: Wander_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Wander_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Warrior24_5 Start: 2614, Stop: 3072, Start Num: 71
Candidate Starts for Warrior24_5:
(60, 2608), (Start: 71 @2614 has 205 MA's), (117, 2773), (148, 2908), (157, 2932), (158, 2935), (179, 3031),

Gene: Watermelon_4 Start: 1201, Stop: 1641, Start Num: 66
Candidate Starts for Watermelon_4:
(Start: 66 @1201 has 239 MA's), (98, 1300), (149, 1474), (157, 1495), (168, 1549), (176, 1585), (180, 1594),

Gene: Watson_2 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Watson_2:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: Wee_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Wee_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: WeiHuaDA_6 Start: 2892, Stop: 3362, Start Num: 71
Candidate Starts for WeiHuaDA_6:
(3, 2637), (10, 2676), (17, 2709), (Start: 71 @2892 has 205 MA's), (92, 2976), (98, 2988), (117, 3051), (121, 3081), (146, 3177), (148, 3186), (157, 3210), (179, 3309), (183, 3318),

Gene: Whabigail7_6 Start: 2884, Stop: 3354, Start Num: 71
Candidate Starts for Whabigail7_6:
(Start: 71 @2884 has 205 MA's), (92, 2968), (98, 2980), (106, 3004), (117, 3043), (121, 3073), (146, 3169), (148, 3178), (157, 3202), (179, 3301), (183, 3310),

Gene: Whatsapiecost_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Whatsapiecost_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (178, 514), (190, 556),

Gene: Wheeler_3 Start: 1164, Stop: 1598, Start Num: 66
Candidate Starts for Wheeler_3:
(Start: 66 @1164 has 239 MA's), (98, 1257), (148, 1428), (149, 1431), (153, 1443), (157, 1452), (168, 1506), (176, 1542), (180, 1551),

Gene: Wheezy_1 Start: 158, Stop: 715, Start Num: 47
Candidate Starts for Wheezy_1:
(Start: 47 @158 has 43 MA's), (103, 317), (116, 362), (120, 395), (135, 461), (140, 482), (159, 548), (193, 707),

Gene: Whitspit_4 Start: 1587, Stop: 2027, Start Num: 66
Candidate Starts for Whitspit_4:
(16, 1398), (28, 1476), (42, 1533), (44, 1536), (Start: 66 @1587 has 239 MA's), (98, 1686), (149, 1860), (157, 1881), (168, 1935), (176, 1971), (180, 1980),

Gene: WhoseManz_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for WhoseManz_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: Whouxphf_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Whouxphf_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (98, 196), (113, 235), (116, 241), (120, 274), (125, 310), (128, 319), (131, 325), (147, 388), (159, 424), (178, 514), (188, 547), (190, 556),

Gene: WideWale_6 Start: 2959, Stop: 3429, Start Num: 71
Candidate Starts for WideWale_6:
(Start: 71 @2959 has 205 MA's), (92, 3043), (98, 3055), (106, 3079), (117, 3118), (121, 3148), (146, 3244), (148, 3253), (157, 3277), (179, 3376), (183, 3385),

Gene: Wiks_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Wiks_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Wilbur_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for Wilbur_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Wile_2 Start: 808, Stop: 1236, Start Num: 69
Candidate Starts for Wile_2:

(Start: 69 @808 has 314 MA's), (92, 892), (98, 904), (117, 955), (127, 1024), (157, 1099), (158, 1102), (162, 1117), (166, 1141), (179, 1189), (183, 1198), (187, 1213),

Gene: Wilkins_3 Start: 1130, Stop: 1564, Start Num: 66
Candidate Starts for Wilkins_3:
(Start: 66 @1130 has 239 MA's), (98, 1223), (149, 1397), (157, 1418), (168, 1472), (176, 1508), (180, 1517),

Gene: WillSterrel_1 Start: 112, Stop: 567, Start Num: 73
Candidate Starts for WillSterrel_1:
(Start: 73 @112 has 167 MA's), (Start: 79 @139 has 6 MA's), (90, 178), (97, 196), (98, 199), (105, 211), (113, 238), (116, 244), (120, 277), (125, 313), (128, 322), (131, 328), (147, 391), (159, 427), (163, 442), (178, 517), (188, 550), (190, 559),

Gene: Wizard007_2 Start: 805, Stop: 1236, Start Num: 69
Candidate Starts for Wizard007_2:
(Start: 69 @805 has 314 MA's), (98, 901), (117, 952), (127, 1021), (157, 1096), (158, 1099), (162, 1114), (166, 1138), (175, 1177), (183, 1195), (187, 1210),

Gene: Wolpertinger_4 Start: 2692, Stop: 3156, Start Num: 71
Candidate Starts for Wolpertinger_4:
(Start: 71 @2692 has 205 MA's), (92, 2776), (148, 2986), (157, 3010), (179, 3109), (183, 3118),

Gene: Wooldri_4 Start: 856, Stop: 1275, Start Num: 69
Candidate Starts for Wooldri_4:
(Start: 61 @850 has 20 MA's), (Start: 69 @856 has 314 MA's), (Start: 75 @874 has 6 MA's), (86, 919), (98, 952), (157, 1147), (179, 1237),

Gene: WorldCup_4 Start: 2435, Stop: 2908, Start Num: 65
Candidate Starts for WorldCup_4:
(Start: 65 @2435 has 82 MA's), (98, 2534), (117, 2597), (146, 2723), (148, 2732), (157, 2756), (179, 2855),

Gene: WunderPhul_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for WunderPhul_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: XFactor_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for XFactor_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Xena_2 Start: 807, Stop: 1235, Start Num: 69
Candidate Starts for Xena_2:
(Start: 69 @807 has 314 MA's), (92, 891), (98, 903), (117, 954), (127, 1023), (157, 1098), (158, 1101), (162, 1116), (166, 1140), (179, 1188), (183, 1197), (187, 1212),

Gene: XianYue_5 Start: 2724, Stop: 3194, Start Num: 71
Candidate Starts for XianYue_5:
(60, 2718), (Start: 71 @2724 has 205 MA's), (92, 2808), (106, 2844), (117, 2883), (148, 3018), (157, 3042), (177, 3135), (179, 3141), (183, 3150),

Gene: Yecey3_5 Start: 2433, Stop: 2906, Start Num: 64
Candidate Starts for Yecey3_5:
(Start: 58 @2406 has 1 MA's), (Start: 64 @2433 has 3 MA's), (85, 2490), (104, 2547), (117, 2595), (146, 2721), (148, 2730), (157, 2754), (160, 2766), (183, 2862),

Gene: Yndexa_1 Start: 159, Stop: 710, Start Num: 47
Candidate Starts for Yndexa_1:
(Start: 47 @159 has 43 MA's), (84, 258), (120, 387), (135, 453), (140, 474), (159, 540), (193, 702),

Gene: YoSam321_2 Start: 803, Stop: 1234, Start Num: 69
Candidate Starts for YoSam321_2:
(Start: 69 @803 has 314 MA's), (98, 899), (117, 950), (127, 1019), (157, 1094), (158, 1097), (162, 1112), (166, 1136), (175, 1175), (183, 1193), (187, 1208),

Gene: Yogi_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Yogi_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Yokurt_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Yokurt_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Yoncess_3 Start: 1017, Stop: 1439, Start Num: 69
Candidate Starts for Yoncess_3:
(Start: 69 @1017 has 314 MA's), (Start: 75 @1035 has 6 MA's), (104, 1128), (112, 1152), (117, 1164), (153, 1299), (175, 1389), (183, 1407), (187, 1422),

Gene: Yorick_1 Start: 108, Stop: 563, Start Num: 73
Candidate Starts for Yorick_1:
(Start: 73 @108 has 167 MA's), (Start: 79 @135 has 6 MA's), (90, 174), (97, 192), (98, 195), (113, 234), (116, 240), (120, 273), (128, 318), (131, 324), (147, 387), (159, 423), (163, 438), (178, 513), (188, 546), (190, 555),

Gene: Zaka_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Zaka_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: Zarafa_2 Start: 754, Stop: 1182, Start Num: 69
Candidate Starts for Zarafa_2:
(Start: 47 @709 has 43 MA's), (Start: 69 @754 has 314 MA's), (90, 832), (143, 1012), (149, 1024), (157, 1045), (166, 1087), (183, 1144),

Gene: Zeeculate_2 Start: 927, Stop: 1361, Start Num: 66
Candidate Starts for Zeeculate_2:
(Start: 66 @927 has 239 MA's), (98, 1020), (149, 1194), (157, 1215), (168, 1269), (176, 1305), (180, 1314),

Gene: Zephyr_2 Start: 929, Stop: 1369, Start Num: 66
Candidate Starts for Zephyr_2:

(Start: 66 @929 has 239 MA's), (98, 1028), (149, 1202), (157, 1223), (168, 1277), (176, 1313), (180, 1322),

Gene: Zerg_1 Start: 136, Stop: 564, Start Num: 79
Candidate Starts for Zerg_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (147, 388), (178, 514), (188, 547), (190, 556),

Gene: Zetzy_2 Start: 857, Stop: 1276, Start Num: 69
Candidate Starts for Zetzy_2:
(Start: 61 @851 has 20 MA's), (Start: 69 @857 has 314 MA's), (Start: 75 @875 has 6 MA's), (86, 920), (98, 953), (157, 1148), (179, 1238),

Gene: Zeuska_2 Start: 930, Stop: 1370, Start Num: 66
Candidate Starts for Zeuska_2:
(Start: 66 @930 has 239 MA's), (98, 1029), (149, 1203), (157, 1224), (168, 1278), (176, 1314), (180, 1323),

Gene: Zimmer_5 Start: 2592, Stop: 3068, Start Num: 65
Candidate Starts for Zimmer_5:
(Start: 58 @2565 has 1 MA's), (Start: 65 @2592 has 82 MA's), (90, 2673), (98, 2691), (99, 2694), (117, 2754), (118, 2766), (121, 2784), (146, 2880), (148, 2889), (157, 2913), (175, 3003), (183, 3021),

Gene: Zion_1 Start: 94, Stop: 618, Start Num: 55
Candidate Starts for Zion_1:
(37, 40), (40, 61), (Start: 55 @94 has 8 MA's), (78, 157), (86, 190), (96, 217), (115, 280), (120, 316), (122, 331), (130, 367), (140, 403), (155, 460),

Gene: Zizzle_1 Start: 109, Stop: 564, Start Num: 73
Candidate Starts for Zizzle_1:
(Start: 73 @109 has 167 MA's), (Start: 79 @136 has 6 MA's), (90, 175), (97, 193), (105, 208), (108, 220), (110, 223), (113, 235), (116, 241), (120, 274), (128, 319), (131, 325), (133, 328), (159, 424), (163, 439), (178, 514), (190, 556),

Gene: Zolita_1 Start: 840, Stop: 1289, Start Num: 67
Candidate Starts for Zolita_1:
(10, 624), (14, 639), (17, 657), (Start: 58 @810 has 1 MA's), (Start: 67 @840 has 40 MA's), (98, 933), (100, 939), (106, 957), (118, 1008), (148, 1131), (157, 1155), (161, 1170),

Gene: Zulu_5 Start: 2482, Stop: 2952, Start Num: 71
Candidate Starts for Zulu_5:
(Start: 71 @2482 has 205 MA's), (92, 2569), (98, 2581), (117, 2644), (121, 2674), (127, 2713), (132, 2725), (148, 2779), (157, 2803), (183, 2914),

Gene: phiHau3_5 Start: 1867, Stop: 2301, Start Num: 69
Candidate Starts for phiHau3_5:
(Start: 69 @1867 has 314 MA's), (91, 1948), (98, 1963), (134, 2104), (149, 2143), (166, 2206), (168, 2218),