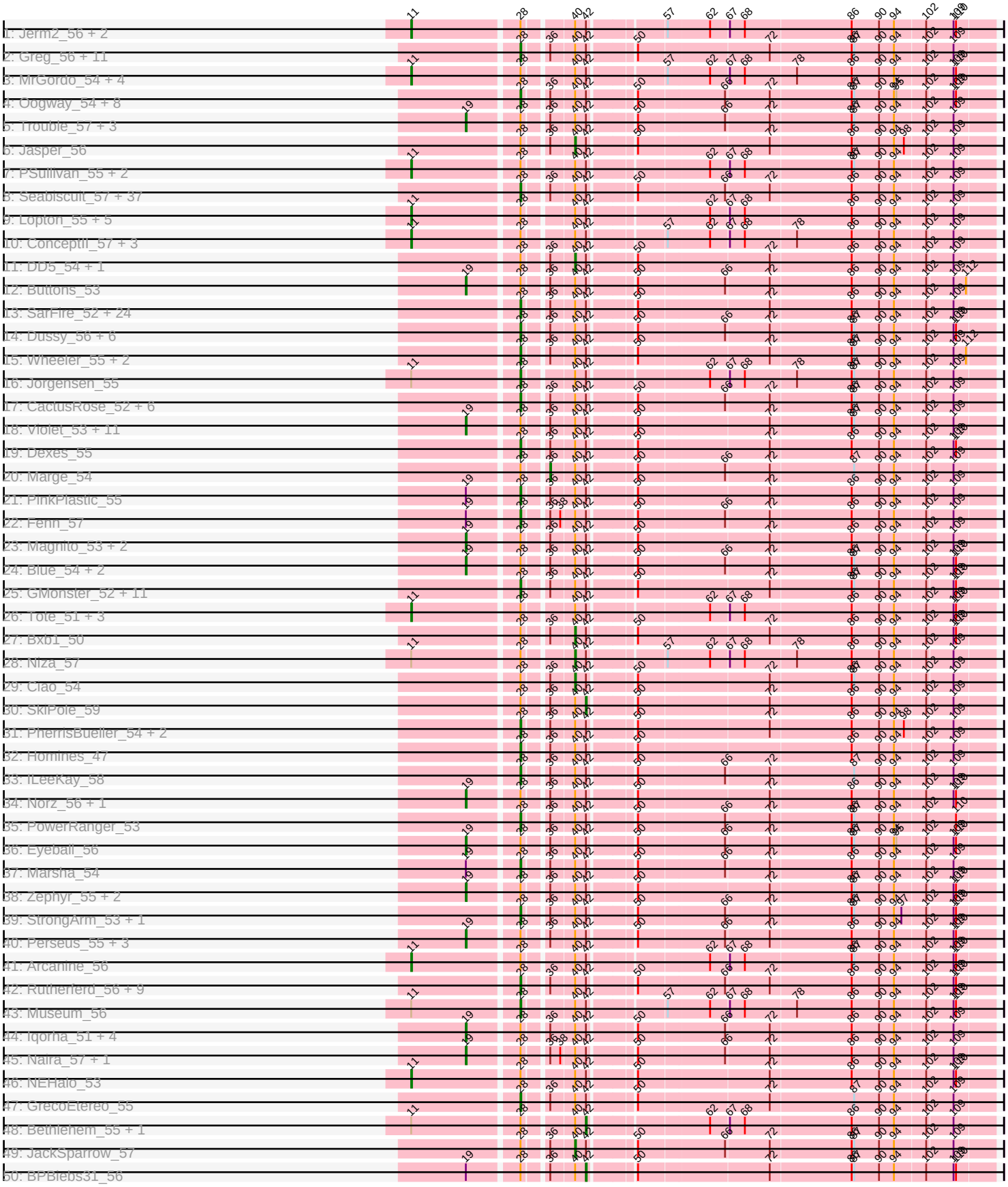
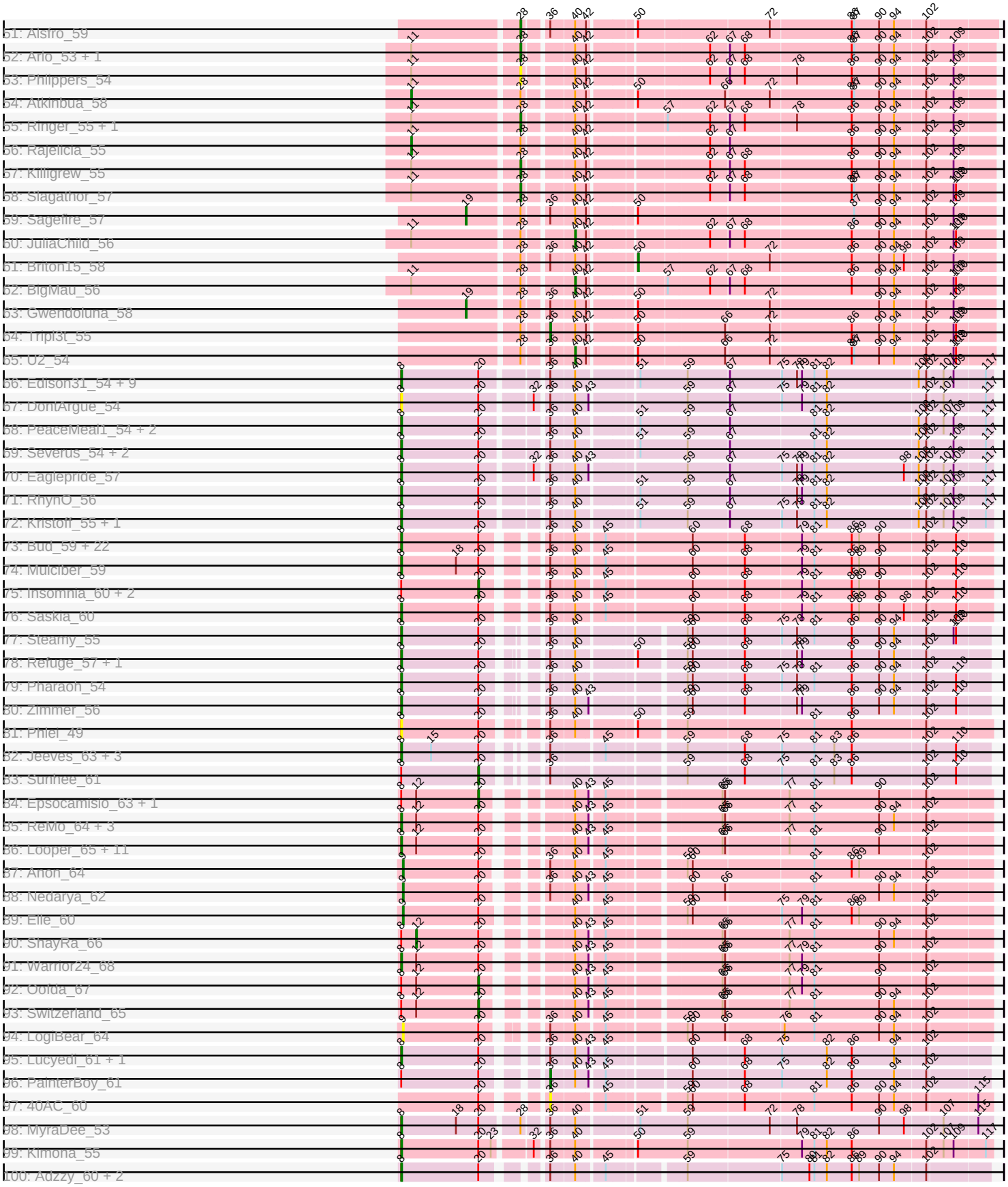
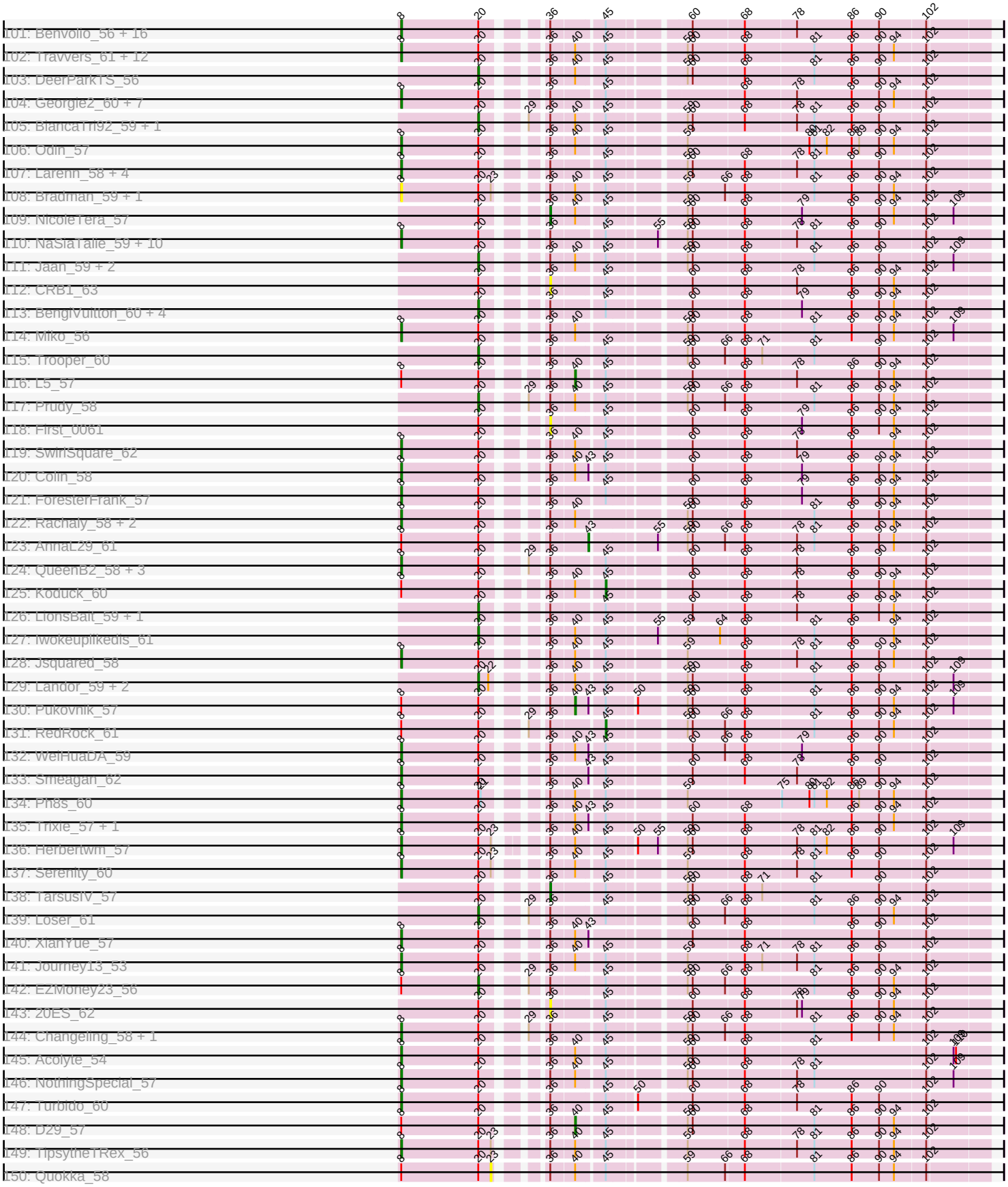
Pham 347015


1: Jerm2_56 + 2
2: Greg_56 + 11
3: MrGordo_54 + 4
4: Oogway_54 + 8
5: Trouble_57 + 3
6: Jasper_56
7: PSullivan_55 + 2
8: Seabiscuit_57 + 37
9: Lopton_55 + 5
10: Conceptii_57 + 3
11: DD5_54 + 1
12: Buttons_53
13: SarFire_52 + 24
14: Dussy_56 + 6
15: Wheeler_55 + 2
16: Jorgensen_55
17: CactusRose_52 + 6
18: Violet_53 + 11
19: Dexes_55
20: Marge_54
21: PinkPlastic_55
22: Fenn_57
23: Magnito_53 + 2
24: Blue_54 + 2
25: GMonster_52 + 11
26: Tote_51 + 3
27: Bxb1_50
28: Niza_57
29: Ciao_54
30: SkiPole_59
31: PhernisBueller_54 + 2
32: Homines_47
33: ILeeKay_58
34: Norz_56 + 1
35: PowerRanger_53
36: Eyeball_56
37: Marsha_54
38: Zephyr_55 + 2
39: StrongArm_53 + 1
40: Perseus_55 + 3
41: Arcanine_56
42: Ruthenerd_56 + 9
43: Museum_56
44: Iqoma_51 + 4
45: Naira_57 + 1
46: NEHalo_53
47: GrecoEtere6_55
48: Bethlehem_55 + 1
49: JackSparrow_57
50: BPBlebs31_56

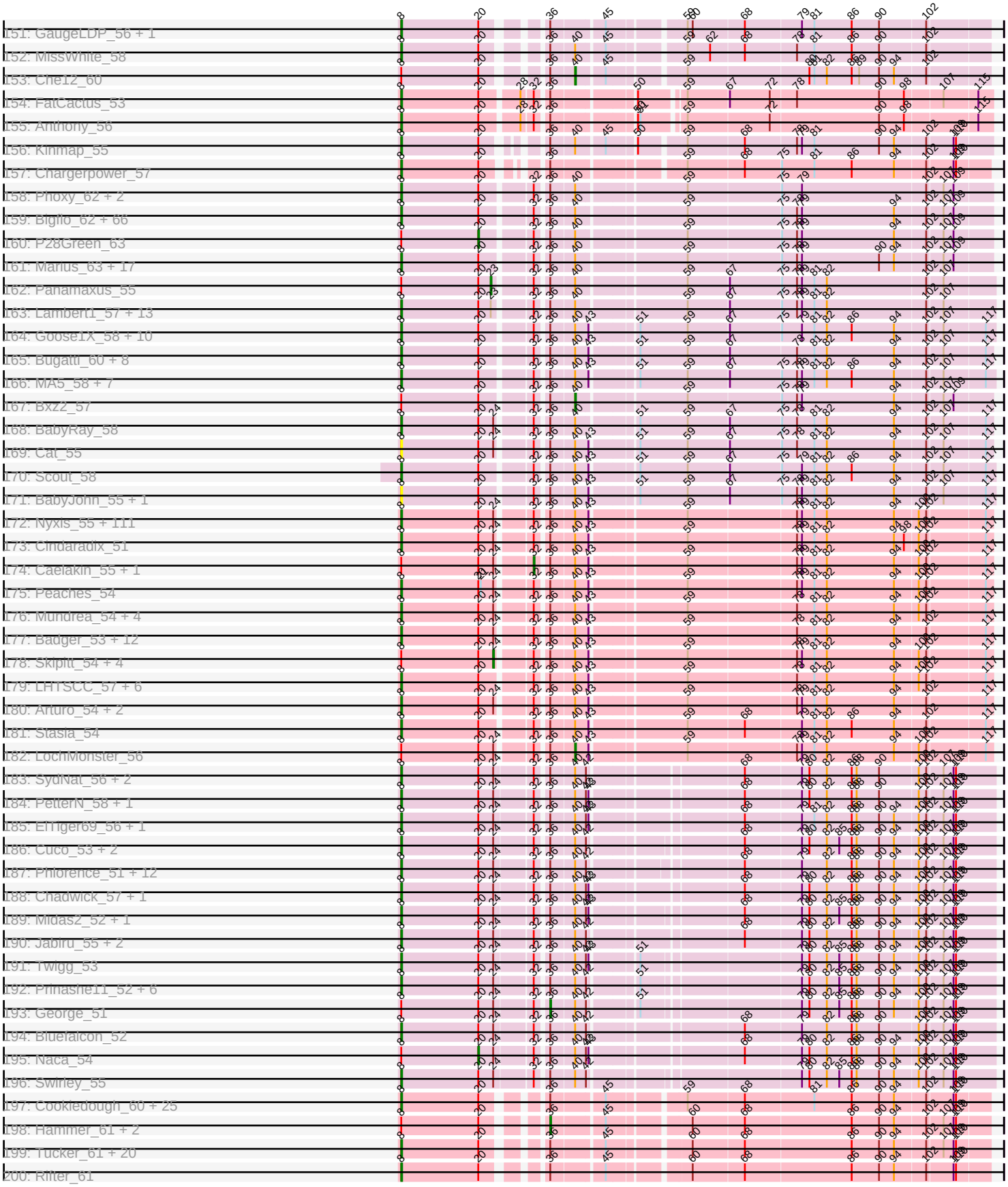
Pham 347015


51: Alsiro_59
52: Arlo_53 + 1
53: Philippers_54
54: Atkinbua_58
55: Ringer_55 + 1
56: Rajelicia_55
57: Killigrew_55
58: Slagathor_57
59: Sagelfre_57
60: JuliaChild_56
61: Briton15_58
62: BigMau_56
63: Gwendoluna_58
64: Trip13t_55
65: U2_54
66: Edison31_54 + 9
67: DontArgue_54
68: PeaceMeal1_54 + 2
69: Severus_54 + 2
70: Eaglepride_57
71: RhynO_56
72: Kristoff_55 + 1
73: Bud_59 + 22
74: Mulciber_59
75: Insomnia_60 + 2
76: Saskia_60
77: Steamy_55
78: Refuge_57 + 1
79: Pharaon_54
80: Zimmer_56
81: Phiel_49
82: Jeeves_63 + 3
83: Sunnee_61
84: Epsocamisio_63 + 1
85: ReMo_64 + 3
86: Looper_65 + 11
87: Anon_64
88: Nedarya_62
89: Elle_60
90: ShayRa_66
91: Warrior24_68
92: Oolda_67
93: Switzerland_65
94: LogiBear_64
95: Lucyedi_61 + 1
96: PainterBoy_61
97: 40AC_60
98: MyraDee_53
99: Kimona_55
100: Adzzy_60 + 2

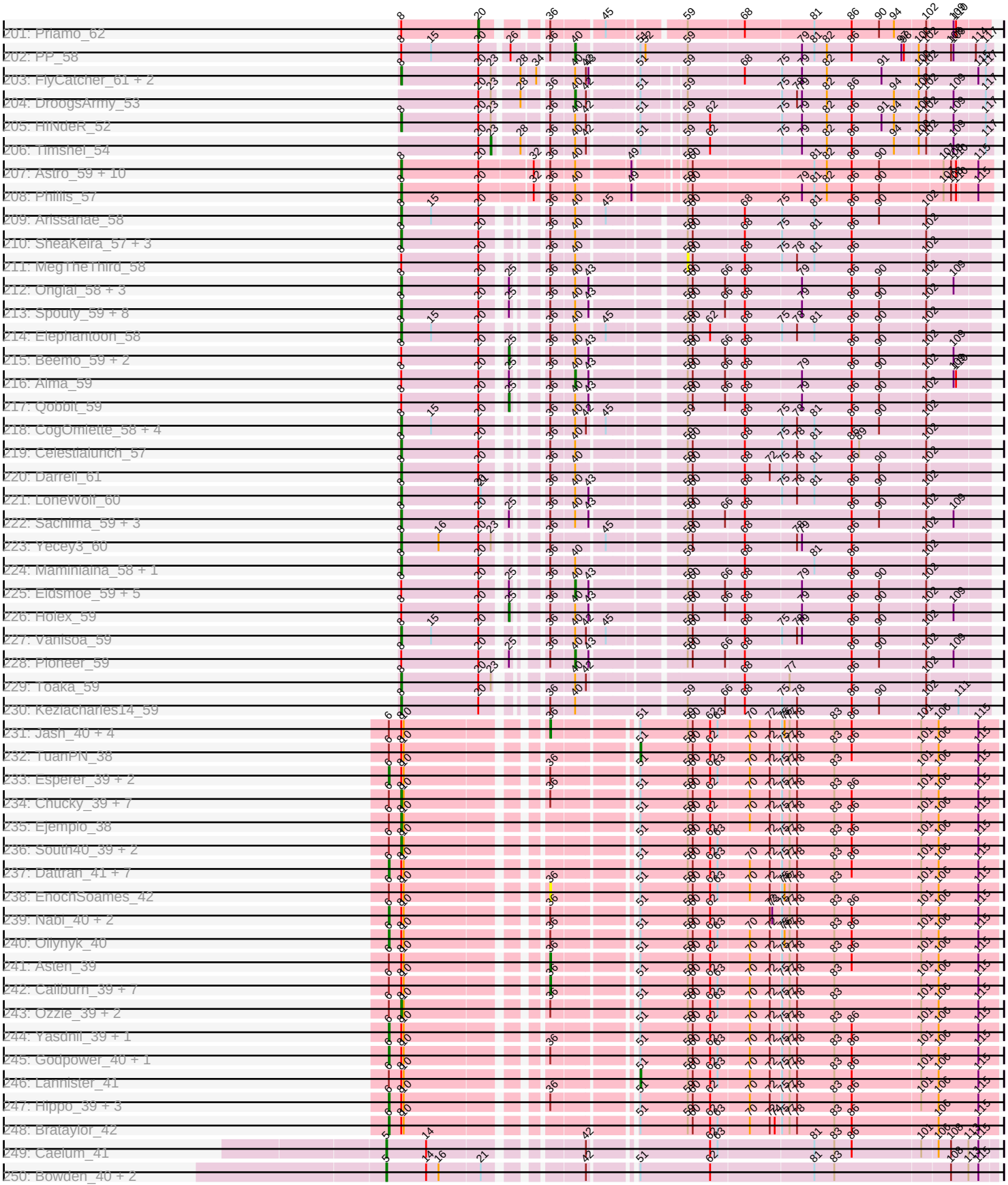
Pham 347015


I01: Benvolio_56 + 16
I02: Travvers_61 + 12
I03: DeerParkTS_56
I04: Georgie2_60 + 7
I05: BiancaTM92_59 + 1
I06: Odin_57
I07: Larenn_58 + 4
I08: Bradman_59 + 1
I09: NicoleTera_57
I10: NaStaTalie_59 + 10
I11: Jaan_59 + 2
I12: CRB1_63
I13: BengtVuitton_60 + 4
I14: Miko_56
I15: Trooper_60
I16: L5_57
I17: Prudy_58
I18: First_0061
I19: SwimSquare_62
I20: Colin_58
I21: ForesterFrank_57
I22: Rachaly_58 + 2
I23: AnnaL29_61
I24: QueenB2_58 + 3
I25: Koduck_60
I26: LionsBall_59 + 1
I27: Iwokeuplikedis_61
I28: Jsquared_58
I29: Landor_59 + 2
I30: Pukovnik_57
I31: RedRock_61
I32: WeiHuaDA_59
I33: Smeagan_62
I34: Phs_60
I35: Trixie_57 + 1
I36: Herbertwm_57
I37: Serenity_60
I38: TarsusIV_57
I39: Loser_61
I40: XianYue_57
I41: Journey13_53
I42: EZMoney23_56
I43: 20ES_62
I44: Changeling_58 + 1
I45: Acolyte_54
I46: NothingSpecial_57
I47: Turbido_60
I48: D29_57
I49: TipsytheTRex_56
I50: Quokka_58

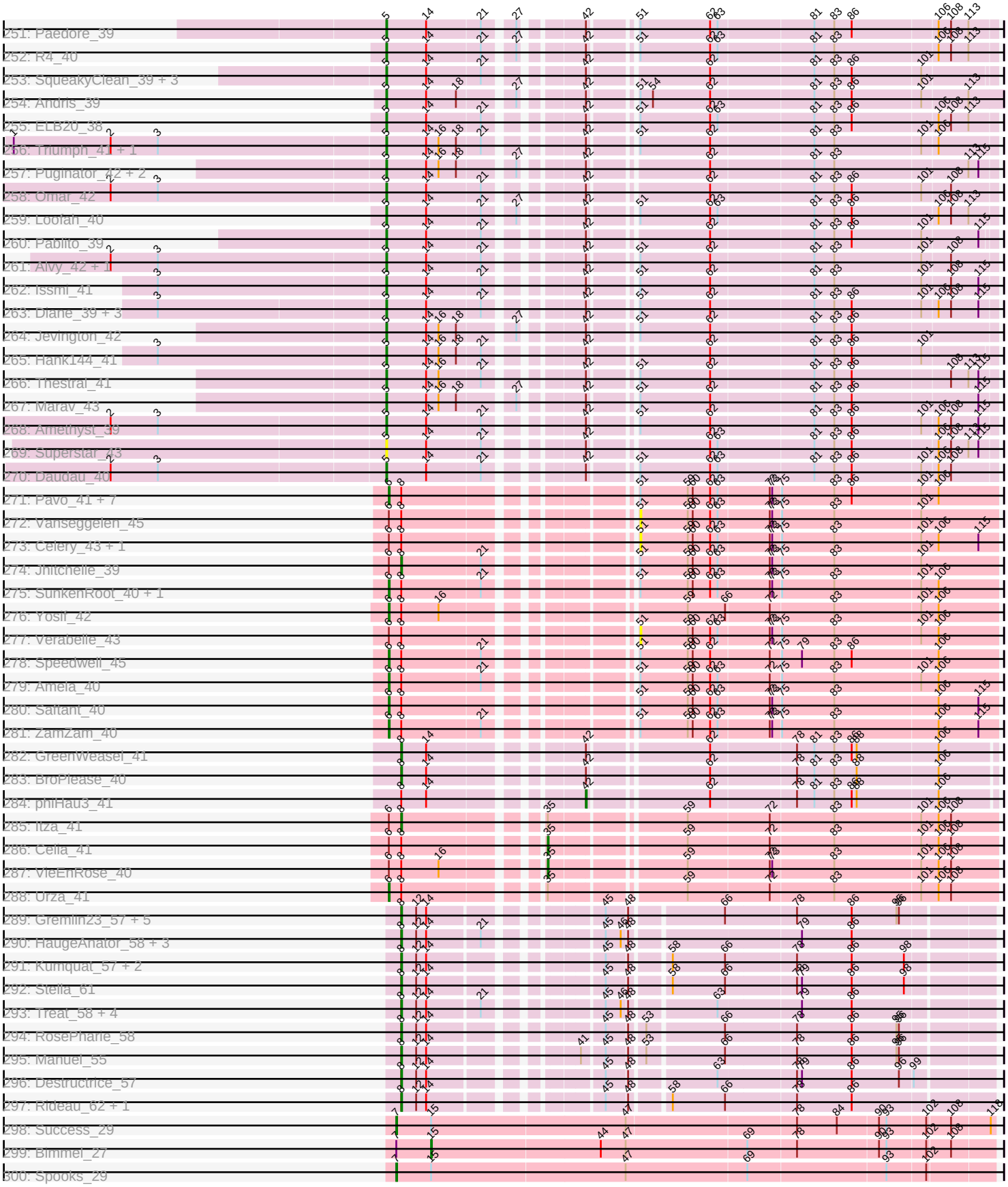
Pham 347015


151: GaugeLDP_56 + 1
152: MissWhite_58
153: Che12_60
154: FatCactus_53
155: Anthony_56
156: Kinmap_55
157: Chargerpower_57
158: Phoxy_62 + 2
159: BigMo_62 + 66
160: P28Green_63
161: Marius_63 + 17
162: Panamaxus_55
163: Lambert1_57 + 13
164: Goose1X_58 + 10
165: Bugatti_60 + 8
166: MA5_58 + 7
167: Bxz2_57
168: BabyRay_58
169: Cat_55
170: Scout_58
171: BabyJohn_55 + 1
172: Nyxis_55 + 111
173: Cindaradix_51
174: Caelakin_55 + 1
175: Peaches_54
176: Mundrea_54 + 4
177: Badger_53 + 12
178: Skiplit_54 + 4
179: LHTSCC_57 + 6
180: Arturo_54 + 2
181: Stasia_54
182: LochMonster_56
183: SydNat_56 + 2
184: PetterN_58 + 1
185: Erniger69_56 + 1
186: Cuco_53 + 2
187: Phlorence_51 + 12
188: Chadwick_57 + 1
189: Midas2_52 + 1
190: Jabiru_55 + 2
191: Twigg_53
192: Phnashe11_52 + 6
193: George_51
194: Bluefalcon_52
195: Naca_54
196: Swiney_55
197: Cookiedough_60 + 25
198: Hammer_61 + 2
199: Tucker_61 + 20
200: Ritter_61

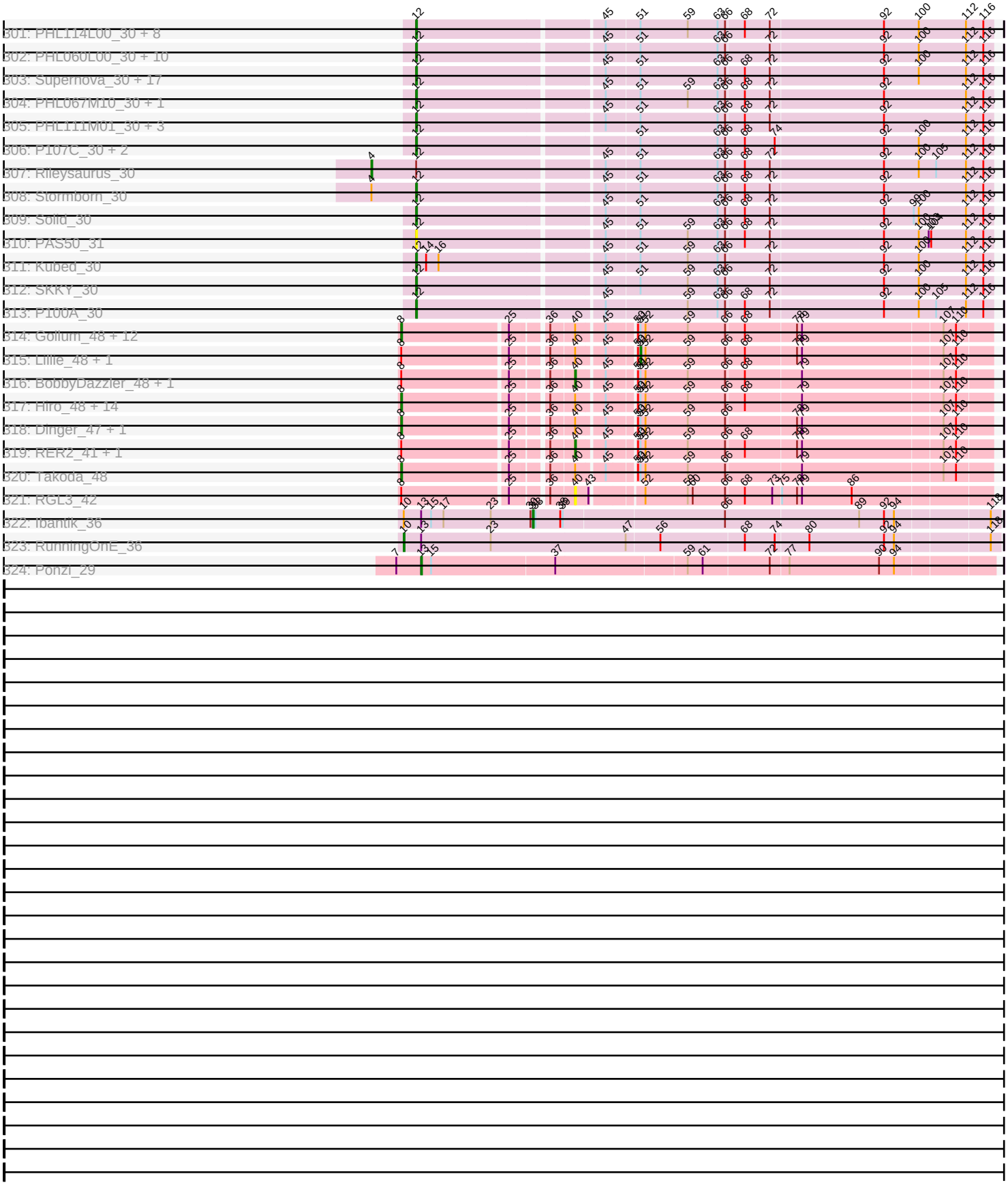
Pham 347015


201: Priamo_62
202: PP_58
203: FlyCatcher_61 + 2
204: DroogsArmy_53
205: HINdeR_52
206: Timshel_54
207: Astro_59 + 10
208: Phillis_57
209: Arissanae_58
210: SheaKeira_57 + 3
211: MegTheThird_58
212: Onglai_58 + 3
213: Spouty_59 + 8
214: Elephantoon_58
215: Beemo_59 + 2
216: Alma_59
217: Qobbit_59
218: CogOmlette_58 + 4
219: Celestialunch_57
220: Darrell_61
221: LoneWolf_60
222: Sachima_59 + 3
223: Yecey3_60
224: Mamiriaina_58 + 1
225: Eidsmoe_59 + 5
226: Holex_59
227: Vanisoa_59
228: Pioneer_59
229: Toaka_59
230: KeziaCharles14_59
231: Jash_40 + 4
232: TuanPN_38
233: Esperer_39 + 2
234: Chucky_39 + 7
235: Ejemplo_38
236: South40_39 + 2
237: Dattran_41 + 7
238: EnochSoames_42
239: Nabi_40 + 2
240: Ollynyk_40
241: Asten_39
242: Calburn_39 + 7
243: Ozzie_39 + 2
244: Yasuhi_39 + 1
245: Goopower_40 + 1
246: Lannister_41
247: Hippo_39 + 3
248: Brataylor_42
249: Caelum_41
250: Bowden_40 + 2

Pham 347015


251: Paedore_39
252: R4_40
253: SqueakyClean_39 + 3
254: Andris_39
255: ELB20_38
256: Triumph_41 + 1
257: Puginator_42 + 2
258: Omar_42
259: Loolah_40
260: Pablito_39
261: Alvy_42 + 1
262: Issmi_41
263: Diane_39 + 3
264: Jevington_42
265: Hank144_41
266: Thestral_41
267: Marav_43
268: Amethyst_39
269: Superstar_43
270: Daudau_40
271: Pavo_41 + 7
272: Vanseggelen_45
273: Celery_43 + 1
274: Jhitchelle_39
275: SunkenRoot_40 + 1
276: Yosh_42
277: Verabelle_43
278: Speedwell_45
279: Amela_40
280: Saltant_40
281: ZamZam_40
282: GreenWeasel_41
283: BroPlease_40
284: phiHau3_41
285: Itza_41
286: Celia_41
287: VieEnRose_40
288: Urza_41
289: Gremlin23_57 + 5
290: HaugeAnator_58 + 3
291: Kumquat_57 + 2
292: Stella_61
293: Treat_58 + 4
294: RosePhane_58
295: Manuel_55
296: Destructrice_57
297: Rideau_62 + 1
298: Success_29
299: Bimmel_27
300: Spooks_29

Pham 347015


301: PHL114L00_30 + 8
302: PHL060L00_30 + 10
303: Supernova_30 + 17
304: PHL067M10_30 + 1
305: PHL111M01_30 + 3
306: P107C_30 + 2
307: Rileysaurus_30
308: Stormborn_30
309: Solid_30
310: PAS50_31
311: Kubed_30
312: SKKY_30
313: P100A_30
314: Gollum_48 + 12
315: Lillie_48 + 1
316: BobbyDazzler_48 + 1
317: Hiro_48 + 14
318: Dinger_47 + 1
319: RER2_41 + 1
320: Takoda_48
321: RGL3_42
322: Ibantik_36
323: RunningOnE_36
324: Ponzi_29

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 347015 Report

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

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

Pham number 347015 has 1146 members, 77 are drafts.

Phages represented in each track:
• Track 1 : Jerm2_56, Rohr_56, HermioneGrange_55
• Track 2 : Greg_56, Sorpresa_53, Sandaddy_53, Alvin_54, MilleFeuille_54, Pippin_56, Froghopper_52, Fajezeel_56, Doom_53, Hami1_48, Pinto_55, Ajay_56
• Track 3 : MrGordo_54, Big3_54, Burton_55, Gandalf20_57, Espresso_54
• Track 4 : Oogway_54, Dynamix_56, Wilkins_54, Topgun_54, Graduation_58, Puppet_55, BeesKnees_57, LunarLander_56, Cueylyss_56
• Track 5 : Trouble_57, BigPaolini_54, Mkhuseli_53, Petruchio_54
• Track 6 : Jasper_56
• Track 7 : PSullivan_55, Pita2_58, KBG_55
• Track 8 : Seabiscuit_57, Licorice_57, SwissCheese_56, Monet_57, Nerujay_57, Altman_58, Francis47_53, Gompeii16_53, PacerPaul_54, Marchy_49, DirtDevil_55, Bircsak_53, Agaliana_50, Beatrix_54, StewieG_51, McSinger_55, PascalRango_55, Payneful_54, Aldrich_54, Edtherson_54, Hermia_55, GroundGoblin_54, DreamCatcher_58, IgnatiusPatJac_55, Treddle_55, CatBus_54, Moose_54, Kanely_57, ChristmasHams_50, HarryOW_54, McGuire_56, Forsytheast_54, Dulcie_55, Parliament_54, KikiBouba_55, Applejack_49, Noxious_55, BluSpix_53
• Track 9 : Lopton_55, Euphoria_52, Watermelon_55, Manatee_56, Ohno789_56, Anglerfish_56
• Track 10 : ConceptII_57, Raid_54, GageAP_55, AFIS_52
• Track 11 : DD5_54, Lockley_53
• Track 12 : Buttons_53
• Track 13 : SarFire_52, Barriga_55, A6_50, Papez_57, Bruns_54, MetalQZJ_53, Corvo_55, Levia_52, MaryBeth_54, BK1_50, Hope4ever_56, Smeagol_57, Tasp14_56, Rhynn_53, Crispicous1_52, Teodoridan_53, ProMouse_57, Lamina13_55, STLscum_57, Nhonho_54, Zeeculate_53, BarrowTuph_55, Pepe_51, PhineBark_54, Thor_52
• Track 14 : Dussy_56, Bigchungi_55, Ichabod_58, Gachnar_55, Sumter_51, Paraselene_52, Abbyshoes_57
• Track 15 : Wheeler_55, HanShotFirst_55, Sanya_53
• Track 16 : Jorgensen_55
• Track 17 : CactusRose_52, Mryolo_52, Marcell_52, CartmannCramer_54, Blackflame_53, Blesser_53, QTRlifeCrisis_54

• Track 18 : Violet_53, MPlant7149_53, Kykar_54, Abrogate_540, Rufus_56, Pari_57, Rubeus_55, Sibs6_57, Molly_56, Bob3_53, Acme_56, DrFeelGood_52
• Track 19 : Dexes_55
• Track 20 : Marge_54
• Track 21 : PinkPlastic_55
• Track 22 : Fenn_57
• Track 23 : Magnito_53, Lesedi_51, Carlyle_53
• Track 24 : Blue_54, Kugel_55, BaconJack_57
• Track 25 : GMonster_52, Makemake_55, Kenmech_58, Target_55, Gyzlar_51, EnzoK_54, LilBib_55, Marco3_58, Paphu_53, Snazzy_54, Peterson_59, Pelly_55
• Track 26 : Tote_51, PattyP_55, Chanagan_51, Swole_56
• Track 27 : Bxb1_50
• Track 28 : Niza_57
• Track 29 : Ciao_54
• Track 30 : SkiPole_59
• Track 31 : PherrisBueller_54, Dreamboat_56, Scowl_55
• Track 32 : Homines_47
• Track 33 : ILeeKay_58
• Track 34 : Norz_56, Sunshine924_56
• Track 35 : PowerRanger_53
• Track 36 : Eyeball_56
• Track 37 : Marsha_54
• Track 38 : Zephyr_55, TheloniousMonk_55, Magnar_54
• Track 39 : StrongArm_53, Bexan_52
• Track 40 : Perseus_55, ShortQueendom_50, RidgeCB_54, Seanderson_56
• Track 41 : Arcanine_56
• Track 42 : Rutherferd_56, Mule_52, Adahisdi_55, JC27_57, Solon_53, Smairt_57, Ashballer_57, Aeneas_57, PhrostyMug_54, Whitspit_52
• Track 43 : Museum_56
• Track 44 : Iqorha_51, KyMonks1A_57, Zeuska_53, Inyanga_51, Traft412_57
• Track 45 : Naira_57, Squee_55
• Track 46 : NEHalo_53
• Track 47 : GrecoEtereo_55
• Track 48 : Bethlehem_55, KSSJEB_54
• Track 49 : JackSparrow_57
• Track 50 : BPBiebs31_56
• Track 51 : Alsfro_59
• Track 52 : Arlo_53, TwoPeat_56
• Track 53 : Phlippers_54
• Track 54 : Atkinbua_58
• Track 55 : Ringer_55, SpikeBT_54
• Track 56 : Rajelicia_55
• Track 57 : Killigrew_55
• Track 58 : Slagathor_57
• Track 59 : Sagefire_57
• Track 60 : JuliaChild_56
• Track 61 : Briton15_58
• Track 62 : BigMau_56
• Track 63 : Gwendoluna_58
• Track 64 : Tripl3t_55
• Track 65 : U2_54
• Track 66 : Edison31_54, Goose_56, Rowdy_59, Shapes_59, Chupacabra_54, Twister_54, DustyMartin_59, OKCentral2016_55, Topanga_53, WalterMcMickey_54

• Track 67 : DontArgue_54
• Track 68 : PeaceMeal1_54, Drake94_54, Poompha_54
• Track 69 : Severus_54, KittenMittens_53, Trike_54
• Track 70 : Eaglepride_57
• Track 71 : RhynO_56
• Track 72 : Kristoff_55, Rebeuca_56
• Track 73 : Bud_59, Jabith_60, Hutc2_59, MaCh_60, Salz_58, TinyTimmy_59, Bachome_61, Et2Brutus_58, Ebony_59, Flaverint_60, Fibonacci_59, Bowtie_60, Timothy_59, Orange_59, Joselito_60, Sham4_59, Snape_59, Petersenfast_59, Mabel_59, Munch_60, Gilberta_60, Aneem_60, Lucivia_60
• Track 74 : Mulciber_59
• Track 75 : Insomnia_60, Wolpertinger_58, Kimba_59
• Track 76 : Saskia_60
• Track 77 : Steamy_55
• Track 78 : Refuge_57, DarthPhader_56
• Track 79 : Pharaoh_54
• Track 80 : Zimmer_56
• Track 81 : Phlei_49
• Track 82 : Jeeves_63, Gail_62, SororFago_60, Luchador_62
• Track 83 : Sunhee_61
• Track 84 : Epsocamisio_63, Battleship_68
• Track 85 : ReMo_64, DekHockey33_67, Soups_66, LastResort_64
• Track 86 : Looper_65, Boohoo_66, Waits_66, MinecraftSteve_66, JSwag_65, Nebulosus_64, Remus_66, Ravana_68, KatherineG_66, Strosahl_66, Rosalind_64, Anaysia_66
• Track 87 : Anon_64
• Track 88 : Nedarya_62
• Track 89 : Elle_60
• Track 90 : ShayRa_66
• Track 91 : Warrior24_68
• Track 92 : Oofda_67
• Track 93 : Switzerland_65
• Track 94 : LogiBear_64
• Track 95 : Lucyedi_61, EagleEye_62
• Track 96 : PainterBoy_61
• Track 97 : 40AC_60
• Track 98 : MyraDee_53
• Track 99 : Kimona_55
• Track 100 : Adzzy_60, Caraxes_57, Superchunk_57
• Track 101 : Benvolio_56, EvilGenius_61, Echild_59, ChipMunk_61, Dalmatian_60, Anselm_60, Agape74_61, AbbyPaige_61, Retro23_60, Whabigail7_60, Bugsy_61, KingCyrus_61, Dignity_61, Jerm_61, Leviathan_61, DudeLittle_58, LilTurb_60
• Track 102 : Travvers_61, Duplo_61, Kerberos_61, DBQu4n_61, StarStuff_61, C3_57, Naji_61, D32_60, VC3_62, AN9_62, Tomathan_61, Pomar16_61, ANI8_62
• Track 103 : DeerParkTS_56
• Track 104 : Georgie2_60, FiringLine_59, Power_58, SemperFi_60, SweetiePie_59, SnapTap_59, Crucio_59, QueenBeesly_59
• Track 105 : BiancaTri92_59, Leogania_59
• Track 106 : Odin_57
• Track 107 : Larenn_58, HarryHoudini_60, Piro94_59, Malec_59, Drake55_61
• Track 108 : Bradman_59, MajorMajor_59
• Track 109 : NicoleTera_57

• Track 110 : NaSiaTalie_59, Gratitude_59, Updawg_60, Equemioh13_60, MiculUcigas_59, WideWale_60, Centaur_60, Terrific_60, Sknot_59, Baehexic_58, Flare16_59
• Track 111 : Jaan_59, Tristan_57, IronMan_58
• Track 112 : CRB1_63
• Track 113 : BengiVuitton_60, VA6_60, AN3_62, LadyBird_64, Deloris_60
• Track 114 : Miko_56
• Track 115 : Trooper_60
• Track 116 : L5_57
• Track 117 : Prudy_58
• Track 118 : First_0061
• Track 119 : SwirlSquare_62
• Track 120 : Colin_58
• Track 121 : ForesterFrank_57
• Track 122 : Rachaly_58, BobSwaget_55, Lokk_56
• Track 123 : AnnaL29_61
• Track 124 : QueenB2_58, Fameo_59, JoshKayV_61, Heffalump_58
• Track 125 : Koduck_60
• Track 126 : LionsBait_59, HippoHollow_59
• Track 127 : Iwokeuplikedis_61
• Track 128 : Jsquared_58
• Track 129 : Landor_59, Phaded_59, Bactobuster_57
• Track 130 : Pukovnik_57
• Track 131 : RedRock_61
• Track 132 : WeiHuaDA_59
• Track 133 : Smeagan_62
• Track 134 : Ph8s_60
• Track 135 : Trixie_57, Kalpine_57
• Track 136 : Herbertwm_57
• Track 137 : Serenity_60
• Track 138 : TarsusIV_57
• Track 139 : Loser_61
• Track 140 : XianYue_57
• Track 141 : Journey13_53
• Track 142 : EZMoney23_56
• Track 143 : 20ES_62
• Track 144 : Changeling_58, ArcherNM_54
• Track 145 : Acolyte_54
• Track 146 : NothingSpecial_57
• Track 147 : Turbido_60
• Track 148 : D29_57
• Track 149 : TipsytheTRex_56
• Track 150 : Quokka_58
• Track 151 : GaugeLDP_56, BabyBack_57
• Track 152 : MissWhite_58
• Track 153 : Che12_60
• Track 154 : FatCactus_53
• Track 155 : Anthony_56
• Track 156 : Kinmap_55
• Track 157 : Chargerpower_57
• Track 158 : Phoxy_62, Spike509_62, Louie6_61
• Track 159 : Bigflo_62, Hercules11_62, SoilDragon_62, Fernando_62, Sabia_62, Jobu08_60, Lilith_62, MadMarie_62, TinyPebbles_61, Grub_62, HashRod_63,

Beauxregard13_62, Sabinator_61, Wooldri_64, LBerry_63, Croquant_63, LarryKay_62, Ollie_62, PGHhamlin_64, JenCasNa_63, AgronaGT15_61, Vix_61, SoYo_62, StepMih_62, Penny1_63, DaHudson_62, BreSam8_62, MoneyMay_62, KADY_62, MarQuardt_62, Methuselah_57, Marie_61, BuzzBuzz_59, EpicPhail_63, Dieselweasel_63, Anubis_65, Gwennie_62, Aglet_63, Daishi_61, Farber_62, Microwolf_61, Watson_62, Zetzy_61, Snickers_62, Soshari_64, JHC117_61, Grif_62, MuchMore_65, Colbster_62, Pembroke_62, GingkoMaracino_62, Grum1_62, Misomonster_63, Taurus_63, GtownJaz_62, Tiffany_61, Stagni_62, Rummer_61, Phoebe_63, PotatoSplit_64, Malinsilva_64, AugsMagnumOpus_65, LugYA_65, Mainiac_62, Montavir_61, Lowa_62, Cullens_62

• Track 160 : P28Green_63
• Track 161 : Marius_63, JeppNRM_63, HaveUMetTed_63, Kalb97_63, Phranny_63, Heliosoles_61, Reba_62, Kalnoky_63, Calvinny_62, Manu_62, PhishRPhriends_60, ACFishhook_61, Groupthink_63, Gemma_61, OlanP_61, PurpleHaze_62, ClownCar_62, Pawn_62
• Track 162 : Panamaxus_55
• Track 163 : Lambert1_57, Caviar_57, Noella_57, ResDef_57, Popcicle_57, Hookmount_57, EtoileNova_58, Todacoro_57, Texage_56, Pocahontas_57, Margo_57, QuinnKiro_56, Norbert_56, Veracruz_56
• Track 164 : Goose1X_58, Fred313_57, Marchesa_58, HelDan_58, Kachowdy_58, Shep_58, Goose1D_52, Zarafa_58, Heathen_58, DropBear_58, Roimos_58
• Track 165 : Bugatti_60, Giroux_60, BlueBird_60, Idleandcovert_58, Clammy_60, TNguyen7_59, Pistachio_59, SaturnRing_59, Puppy_59
• Track 166 : MA5_58, Phantastic_59, Isca_57, JF4_56, B1_52, JF2_56, Rockstar_57, MK4_58
• Track 167 : Bxz2_57
• Track 168 : BabyRay_58
• Track 169 : Cat_55
• Track 170 : Scout_58
• Track 171 : BabyJohn_55, Chiqui_55
• Track 172 : Nyxis_55, Buckaroo_54, Bartimeaus_55, Lemur_55, SenorClean_55, Chaph_55, Phighter1804_55, JetBlade_55, Spino_54, TroyPia_56, LittleB_55, Iceman_55, DirtyDunning_54, Phacado_55, Wizard007_55, BubbleTrouble_54, Eurydice_56, Kremtemulon_55, LeoAvram_55, MeeZee_55, Roosevelt_54, Dhanush_55, Pipcraft_53, Maverick_55, NorthStar_54, CentreCat_55, Commander_55, Rosa24_54, Taquarus_55, BellusTerra_56, Sultana_55, Connomayer_55, KFPoly_54, Eros_55, Clarenza_54, HamSlice_53, Blackmoor_55, Eapen_55, Citius_55, Koan_53, Mayonnaise_54, LittleGuy_55, ICleared_55, Deano_54, Shaka_55, Jaykayelowell_53, Phontbonne_55, Palestino_54, Funston_54, OKaNui_55, Florean_55, JoongJeon_54, Mazhar510_55, Koreni_54, Ohfah_56, Polymorphads_56, Millski_54, Gadost_55, Nebs_56, Medusa_55, NotAPhaseMom_55, Annyong_55, Sabertooth_55, Lunsford_56, Morrow_56, Burger_53, Bruiser_54, Wilbur_55, SteMason_54, Albee_55, Iracema64_56, Flux_55, Cintron_54, Eris_54, Sparxx_56, TiroTheta9_55, Pumbaa_55, Lorenzo_55, Kingmustik0402_55, TygerBlood_55, KekoraPapaka_55, Relief_54, TinaFeyge_54, Wander_55, Nemo27_55, PeterPeter_55, RockieBear_55, Phelipe_56, Ruin_55, Melvin_57, YoSam321_55, Huxley_54, Ulysses_54, Alberto7_56, Maxo_56, Houdini22_55, Romney_55, Thanksgivukkah_54, Scamp_55, Camperdownii_53, Baby16_55, LappelDuVide_55, Noelle_55, Tinybot_54, Druantia_55, Abdiel_55, Bombshell_55, Cocoaberry_55, Holli_54, Broseidon_55, Kyee_55, Kampy_54
• Track 173 : Cindaradix_51
• Track 174 : Caelakin_55, Eagle_55
• Track 175 : Peaches_54

• Track 176 : Mundrea_54, Stink_53, Miramae_53, AvatarAhPeg_53, Avle17_55
• Track 177 : Badger_53, Bumblebee11_53, Cici_54, Datway_54, PetiteSangsue_54, Wile_54, Katalie136_54, Achebe_53, Morpher26_54, Xena_53, AbbysRanger_54, Backyardigan_52, Perplexer_54
• Track 178 : Skipitt_54, Northrop_55, Rocksand_55, Junimo_54, Skadoosh_56
• Track 179 : LHTSCC_57, BangNhom_55, Obama12_56, Cerulean_56, Happiness_54, ChampagnePapi_57, SheldonCooper_56
• Track 180 : Arturo_54, Kratark_55, Shygu2_54
• Track 181 : Stasia_54
• Track 182 : LochMonster_56
• Track 183 : SydNat_56, Zolita_55, Ghoulboy_56
• Track 184 : PetterN_58, Scorpia_58
• Track 185 : ElTiger69_56, Airmid_54
• Track 186 : Cuco_53, Tarynearal_51, Bonamassa_53
• Track 187 : Phlorence_51, Archetta_52, Tiger_52, ForGetIt_53, Dublin_53, MarysWell_53, Jovo_53, Discoknowium_51, PickleBack_53, Lev2_53, Conspiracy_53, AgentM_52, Aragog_52
• Track 188 : Chadwick_57, Benedict_57
• Track 189 : Midas2_52, Coog_52
• Track 190 : Jabiru_55, Theia_52, UnionJack_55
• Track 191 : Twigg_53
• Track 192 : Prinashe11_52, Florence4_53, LittleCherry_53, HuhtaEnerson15_53, Florence1_51, Milcery_53, Micasa_54
• Track 193 : George_51
• Track 194 : Bluefalcon_52
• Track 195 : Naca_54
• Track 196 : Swirley_55
• Track 197 : Cookiedough_60, Blinn1_63, McFly_60, VohminGhazi_60, Pmask_59, Isiphiwo_58, SuperAwesome_60, JewelBug_61, Dorothea_60, Chartreuse_59, Imbriano_62, DaVinci_59, Candra_61, SmellyB_60, EricB_59, Hoot_55, Jordennis_59, DelvinSonDorr_58, Polyphemus_62, SuperCallie99_58, Neeharika16_59, Newrala_60, Kazan_61, GreedyLawyer_59, Kipper29_60, BABullseye_53
• Track 198 : Hammer_61, Blue7_62, Jeffabunny_61
• Track 199 : Tucker_61, Wiks_60, Koko_62, Gladiator_58, CloudWang3_61, Yokurt_61, Gruunaga_61, ToneTone_58, Roksolana_62, Zulu_62, Lilbunny_60, Garak_63, BennyP_61, Artemis2UCLA_61, Helmet_63, Temprado_62, BlessJoy_61, WunderPhul_61, Zaka_61, Indra_64, Hexamo_61
• Track 200 : Rifter_61
• Track 201 : Priamo_62
• Track 202 : PP_58
• Track 203 : FlyCatcher_61, Sheen_57, Toro_59
• Track 204 : DroogsArmy_53
• Track 205 : HINdeR_52
• Track 206 : Timshel_54
• Track 207 : Astro_59, Danforth_59, Caitlin_58, Expelliarmus_57, Smeadley_59, Saintus_54, Groundhog_58, Dixon_58, Stephig9_59, NearlyHeadless_59, Roary_60
• Track 208 : Phillis_57
• Track 209 : Arissanae_58
• Track 210 : SheaKeira_57, DreamTeam1_57, Charm_57, Klodlith_58
• Track 211 : MegTheThird_58
• Track 212 : Onglai_58, RyeScarlet_59, Hanray_59, Jiawan_59

• Track 213 : Spouty_59, Phaeder_59, ExplosioNervosa_59, Ayanochan_58, Fayely_59, Priya_59, Aliter_59, EmyBug_58, Tubs_59
• Track 214 : Elephantoon_58
• Track 215 : Beemo_59, Scherzo_59, EdogawaKiddo_59
• Track 216 : Alma_59
• Track 217 : Qobbit_59
• Track 218 : CogOmlette_58, Rahalelujah_59, Minispark_58, WorldCup_58, Bellris_59
• Track 219 : Celestialunch_57
• Track 220 : Darrell_61
• Track 221 : LoneWolf_60
• Track 222 : Sachima_59, Lilleskat_59, Ugenie5_56, Phonnegut_59
• Track 223 : Yecey3_60
• Track 224 : Maminiaina_58, BogosyJay_58
• Track 225 : Eidsmoe_59, Myxus_59, Conquerage_59, Catalina_60, PackMan_58, HortumSL17_59
• Track 226 : Holex_59
• Track 227 : Vanisoa_59
• Track 228 : Pioneer_59
• Track 229 : Toaka_59
• Track 230 : Keziacharles14_59
• Track 231 : Jash_40, Izzy_40, Eddasa_40, BryanRecycles_40, Rusticus_40
• Track 232 : TuanPN_38
• Track 233 : Esperer_39, Phettuccine_39, Indigo_38
• Track 234 : Chucky_39, Emaanora_42, BarryBee_42, Werner_39, TagePhighter_41, Triste_39, Snorlax_39, SarahRose_39
• Track 235 : Ejemplo_38
• Track 236 : South40_39, RedBear_40, Katalie_39
• Track 237 : Dattran_41, Zemlya_41, Danzina_41, Sujidade_40, Celeste_40, Nanodon_41, Toma_39, Goby_39
• Track 238 : EnochSoames_42
• Track 239 : Nabi_40, Rana_40, Lorelei_40
• Track 240 : Oliynyk_40
• Track 241 : Asten_39
• Track 242 : Caliburn_39, Legacy_39, Nerdos_38, Unstoppable_39, Leviticus_39, Aaronocolus_39, Hydra_41, SunsetPointe_39
• Track 243 : Ozzie_39, Bovely_39, BeardedLady_40
• Track 244 : Yasdnil_39, Maneekul_39
• Track 245 : Godpower_40, Lika_39
• Track 246 : Lannister_41
• Track 247 : Hippo_39, OzzyJ_40, Dwayne_39, Whatever_39
• Track 248 : Brataylor_42
• Track 249 : Caelum_41
• Track 250 : Bowden_40, TinaBelcher_40, TrvxScott_39
• Track 251 : Paedore_39
• Track 252 : R4_40
• Track 253 : SqueakyClean_39, GirlDinner_39, Animus_39, Janus_40
• Track 254 : Andris_39
• Track 255 : ELB20_38
• Track 256 : Triumph_41, Axiom_40
• Track 257 : Puginator_42, Paolo_42, Zainub_42
• Track 258 : Omar_42
• Track 259 : Loofah_40

• Track 260 : Pablito_39
• Track 261 : Alvy_42, BartholomewSD_42
• Track 262 : Issmi_41
• Track 263 : Diane_39, Nishikigoi_41, Tefunt_41, Haizum_41
• Track 264 : Jevington_42
• Track 265 : Hank144_41
• Track 266 : Thestral_41
• Track 267 : Marav_43
• Track 268 : Amethyst_39
• Track 269 : Superstar_43
• Track 270 : Daudau_40
• Track 271 : Pavo_41, Conan_41, Alsaber_41, Kaine_40, Provolone_41, Dexers_39, Sudan_40, ElGato_41
• Track 272 : Vanseggelen_45
• Track 273 : Celery_43, phiCAM_38
• Track 274 : Jhitchelle_39
• Track 275 : SunkenRoot_40, Verse_40
• Track 276 : Yosif_42
• Track 277 : Verabelle_43
• Track 278 : Speedwell_45
• Track 279 : Amela_40
• Track 280 : Saftant_40
• Track 281 : ZamZam_40
• Track 282 : GreenWeasel_41
• Track 283 : BroPlease_40
• Track 284 : phiHau3_41
• Track 285 : Itza_41
• Track 286 : Celia_41
• Track 287 : VieEnRose_40
• Track 288 : Urza_41
• Track 289 : Gremlin23_57, Geostin_52, FlowerPower_57, Fabian_55, RetrieverFever_57, Vrykolakas_58
• Track 290 : HaugeAnator_58, Olicious_58, ZooBear_58, Immanuel3_57
• Track 291 : Kumquat_57, WRightOn_61, Zeigle_57
• Track 292 : Stella_61
• Track 293 : Treat_58, ToriToki_58, Romero_58, Percastrophe_58, JPandJE_58
• Track 294 : RosePharie_58
• Track 295 : Manuel_55
• Track 296 : Destructrice_57
• Track 297 : Rideau_62, Dennebes_62
• Track 298 : Success_29
• Track 299 : Bimmel_27
• Track 300 : Spooks_29
• Track 301 : PHL114L00_30, LilBandit_30, P104A_30, P101A_30, P1.1_30, Leviosa_30, Wizzo_30, P100.1_30, PHL112N00_30
• Track 302 : PHL060L00_30, Aquarius_30, DrParker_30, Attacne_30, P106M_30, P9.1_30, P106L_30, P106I_30, Procrass1_30, P106A_30, P106C_31
• Track 303 : Supernova_30, Enochoraptor_30, P100D_30, PA6_31, P108C_30, BruceLethal_30, MrAK_30, Cota_30, Lauchelly_30, Moyashi_30, QueenBey_30, Pirate_30, P14.4_30, Ouroboros_30, Enoki_30, PHL071N05_30, Keiki_30, MEAK_30
• Track 304 : PHL067M10_30, P104B_30
• Track 305 : PHL111M01_30, P105_30, P107A_30, PHL113M01_30
• Track 306 : P107C_30, ATCC29399BC_30, ATCC29399BT_30

• Track 307 : Rileysaurus_30
• Track 308 : Stormborn_30
• Track 309 : Solid_30
• Track 310 : PAS50_31
• Track 311 : Kubed_30
• Track 312 : SKKY_30
• Track 313 : P100A_30
• Track 314 : Gollum_48, StCroix_47, Naiad_47, RexFury_47, Erik_48, Partridge_47, Krishelle_48, Swann_48, Bradshaw_48, TWAMP_48, Phrankenstein_48, Alatin_47, Rasputin_48
• Track 315 : Lillie_48, Rhodalysa_48
• Track 316 : BobbyDazzler_48, PhailMary_47
• Track 317 : Hiro_48, Jester_47, Bryce_47, Yoncess_47, Nancinator_48, Yogi_47, Espica_48, UhSalsa_48, AppleCloud_45, Natosaleda_47, Bonanza_48, Belenaria_48, Shuman_48, Alpacados_47, Harlequin_47
• Track 318 : Dinger_47, AngryOrchard_46
• Track 319 : RER2_41, CosmicSans_48
• Track 320 : Takoda_48
• Track 321 : RGL3_42
• Track 322 : Ibantik_36
• Track 323 : RunningOnE_36
• Track 324 : Ponzi_29

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

The start number called the most often in the published annotations is 8, it was called in 629 of the 1069 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ACFishhook_61, AN9_62, ANI8_62, AbbyPaige_61, AbbysRanger_54, Abdiel_55, Achebe_53, Acolyte_54, Adzzy_60, Agape74_61, AgentM_52, Aglet_63, AgronaGT15_61, Airmid_54, Alatin_47, Albee_55, Alberto7_56, Aliter_59, Alpacados_47, Anaysia_66, Aneem_60, AngryOrchard_46, Annyong_55, Anselm_60, Anthony_56, Anubis_65, AppleCloud_45, Aragog_52, ArcherNM_54, Archetta_52, Arissanae_58, Artemis2UCLA_61, Arturo_54, Astro_59, AugsMagnumOpus_65, AvatarAhPeg_53, Avle17_55, Ayanochan_58, B1_52, BABullseye_53, Baby16_55, BabyBack_57, BabyJohn_55, BabyRay_58, Bachome_61, Backyardigan_52, Badger_53, Baehexic_58, BangNhom_55, BarryBee_42, Bartimeaus_55, BeardedLady_40, Beauxregard13_62, Belenaria_48, Bellris_59, BellusTerra_56, Benedict_57, BennyP_61, Benvolio_56, Bigflo_62, Blackmoor_55, BlessJoy_61, Blinn1_63, BlueBird_60, Bluefalcon_52, BobSwaget_55, BogosyJay_58, Bombshell_55, Bonamassa_53, Bonanza_48, Boohoo_66, Bovely_39, Bowtie_60, Bradman_59, Bradshaw_48, BreSam8_62, BroPlease_40, Broseidon_55, Bruiser_54, Bryce_47, BubbleTrouble_54, Buckaroo_54, Bud_59, Bugatti_60, Bugsy_61, Bumblebee11_53, Burger_53, BuzzBuzz_59, C3_57, Caitlin_58, Calvinny_62, Camperdownii_53, Candra_61, Caraxes_57, Cat_55, Caviar_57, Celestialunch_57, Centaur_60, CentreCat_55, Cerulean_56, Chadwick_57, ChampagnePapi_57, Changeling_58, Chaph_55, Chargerpower_57, Charm_57, Chartreuse_59, ChipMunk_61, Chiqui_55, Chucky_39, Chupacabra_54, Cici_54, Cindaradix_51, Cintron_54, Citius_55, Clammy_60, Clarenza_54, CloudWang3_61, ClownCar_62,

Cocoaberry_55, CogOmlette_58, Colbster_62, Colin_58, Commander_55, Connomayer_55, Conspiracy_53, Coog_52, Cookiedough_60, Croquant_63, Crucio_59, Cuco_53, Cullens_62, D32_60, DBQu4n_61, DaHudson_62, DaVinci_59, Daishi_61, Dalmatian_60, Danforth_59, Darrell_61, DarthPhader_56, Datway_54, Deano_54, DekHockey33_67, DelvinSonDorr_58, Dennebes_62, Destructrice_57, Dhanush_55, Dieselweasel_63, Dignity_61, Dinger_47, DirtyDunning_54, Discoknowium_51, Dixon_58, DontArgue_54, Dorothea_60, Drake55_61, Drake94_54, DreamTeam1_57, DropBear_58, Druantia_55, Dublin_53, DudeLittle_58, Duplo_61, DustyMartin_59, EagleEye_62, Eaglepride_57, Eapen_55, Ebony_59, Echild_59, Edison31_54, Ejemplo_38, ElTiger69_56, Elephantoon_58, Emaanora_42, EmyBug_58, EpicPhail_63, Equemioh13_60, EricB_59, Erik_48, Eris_54, Eros_55, Espica_48, Et2Brutus_58, EtoileNova_58, Eurydice_56, EvilGenius_61, Expelliarmus_57, ExplosioNervosa_59, Fabian_55, Fameo_59, Farber_62, FatCactus_53, Fayely_59, Fernando_62, Fibonacci_59, FiringLine_59, Flare16_59, Flaverint_60, Florean_55, Florence1_51, Florence4_53, FlowerPower_57, Flux_55, FlyCatcher_61, ForGetIt_53, ForesterFrank_57, Fred313_57, Funston_54, Gadost_55, Gail_62, Garak_63, GaugeLDP_56, Gemma_61, Georgie2_60, Geostin_52, Ghoulboy_56, Gilberta_60, GingkoMaracino_62, Giroux_60, Gladiator_58, Gollum_48, Goose1D_52, Goose1X_58, Goose_56, Gratitude_59, GreedyLawyer_59, GreenWeasel_41, Gremlin23_57, Grif_62, Groundhog_58, Groupthink_63, Grub_62, Grum1_62, Gruunaga_61, GtownJaz_62, Gwennie_62, HINdeR_52, HamSlice_53, Hanray_59, Happiness_54, Harlequin_47, HarryHoudini_60, HashRod_63, HaugeAnator_58, HaveUMetTed_63, Heathen_58, Heffalump_58, HelDan_58, Heliosoles_61, Helmet_63, Herbertwm_57, Hercules11_62, Hexamo_61, Hiro_48, Holli_54, Hookmount_57, Hoot_55, Houdini22_55, HuhtaEnerson15_53, Hutc2_59, Huxley_54, ICleared_55, Iceman_55, Idleandcovert_58, Imbriano_62, Immanuel3_57, Indra_64, Iracema64_56, Isca_57, Isiphiwo_58, Itza_41, JF2_56, JF4_56, JHC117_61, JPandJE_58, JSwag_65, Jabiru_55, Jabith_60, Jaykayelowell_53, Jeeves_63, JenCasNa_63, JeppNRM_63, Jerm_61, Jester_47, JetBlade_55, JewelBug_61, Jhitchelle_39, Jiawan_59, Jobu08_60, JoongJeon_54, Jordennis_59, Joselito_60, JoshKayV_61, Journey13_53, Jovo_53, Jsquared_58, KADY_62, KFPoly_54, Kachowdy_58, Kalb97_63, Kalnoky_63, Kalpine_57, Kampy_54, Katalie136_54, Katalie_39, KatherineG_66, Kazan_61, KekoraPapaka_55, Kerberos_61, Keziacharles14_59, Kimona_55, KingCyrus_61, Kingmustik0402_55, Kinmap_55, Kipper29_60, KittenMittens_53, Klodlith_58, Koan_53, Koko_62, Koreni_54, Kratark_55, Kremtemulon_55, Krishelle_48, Kristoff_55, Kumquat_57, Kyee_55, LBerry_63, LHTSCC_57, Lambert1_57, LappelDuVide_55, Larenn_58, LarryKay_62, LastResort_64, Lemur_55, LeoAvram_55, Lev2_53, Leviathan_61, LilTurb_60, Lilbunny_60, Lilith_62, Lilleskat_59, LittleB_55, LittleCherry_53, LittleGuy_55, Lokk_56, LoneWolf_60, Looper_65, Lorenzo_55, Louie6_61, Lowa_62, Luchador_62, Lucivia_60, Lucyedi_61, LugYA_65, Lunsford_56, MA5_58, MK4_58, MaCh_60, Mabel_59, MadMarie_62, Mainiac_62, MajorMajor_59, Malec_59, Malinsilva_64, Maminiaina_58, Manu_62, Manuel_55, MarQuardt_62, Marchesa_58, Margo_57, Marie_61, Marius_63, MarysWell_53, Maverick_55, Maxo_56, Mayonnaise_54, Mazhar510_55, McFly_60, Medusa_55, MeeZee_55, Melvin_57, Methuselah_57, Micasa_54, Microwolf_61, MiculUcigas_59, Midas2_52, Miko_56, Milcery_53, Millski_54, MinecraftSteve_66, Minispark_58, Miramae_53, Misomonster_63, MissWhite_58, MoneyMay_62, Montavir_61, Morpher26_54, Morrow_56, MuchMore_65, Mulciber_59, Munch_60, Mundrea_54, MyraDee_53, NaSiaTalie_59, Naiad_47, Naji_61, Nancinator_48, Natosaleda_47, NearlyHeadless_59, Nebs_56, Nebulosus_64, Neeharika16_59, Nemo27_55, Newrala_60, Noella_57, Noelle_55, Norbert_56, NorthStar_54, NotAPhaseMom_55, NothingSpecial_57, Nyxis_55,

OKCentral2016_55, OKaNui_55, Obama12_56, Odin_57, Ohfah_56, OlanP_61, Olicious_58, Ollie_62, Onglai_58, Orange_59, Ozzie_39, PGHhamlin_64, Palestino_54, Partridge_47, Pawn_62, PeaceMeal1_54, Peaches_54, Pembroke_62, Penny1_63, Percastrophe_58, Perplexer_54, PeterPeter_55, Petersenfast_59, PetiteSangsue_54, PetterN_58, Ph8s_60, Phacado_55, Phaeder_59, Phantastic_59, Pharaoh_54, Phelipe_56, Phighter1804_55, Phillis_57, PhishRPhriends_60, Phlei_49, Phlorence_51, Phoebe_63, Phonnegut_59, Phontbonne_55, Phoxy_62, Phrankenstein_48, Phranny_63, PickleBack_53, Pipcraft_53, Piro94_59, Pistachio_59, Pmask_59, Pocahontas_57, Polymorphads_56, Polyphemus_62, Pomar16_61, Poompha_54, Popcicle_57, PotatoSplit_64, Power_58, Prinashe11_52, Priya_59, Pumbaa_55, Puppy_59, PurpleHaze_62, QueenB2_58, QueenBeesly_59, QuinnKiro_56, Rachaly_58, Rahalelujah_59, Rasputin_48, Ravana_68, ReMo_64, Reba_62, Rebeuca_56, RedBear_40, Refuge_57, Relief_54, Remus_66, ResDef_57, RetrieverFever_57, Retro23_60, RexFury_47, RhynO_56, Rideau_62, Rifter_61, Roary_60, RockieBear_55, Rockstar_57, Roimos_58, Roksolana_62, Romero_58, Romney_55, Roosevelt_54, Rosa24_54, Rosalind_64, RosePharie_58, Rowdy_59, Ruin_55, Rummer_61, RyeScarlet_59, Sabertooth_55, Sabia_62, Sabinator_61, Sachima_59, Saintus_54, Salz_58, SarahRose_39, Saskia_60, SaturnRing_59, Scamp_55, Scorpia_58, Scout_58, SemperFi_60, SenorClean_55, Serenity_60, Severus_54, Shaka_55, Sham4_59, Shapes_59, SheaKeira_57, Sheen_57, SheldonCooper_56, Shep_58, Shuman_48, Shygu2_54, Sknot_59, Smeadley_59, Smeagan_62, SmellyB_60, SnapTap_59, Snape_59, Snickers_62, Snorlax_39, SoYo_62, SoilDragon_62, SororFago_60, Soshari_64, Soups_66, South40_39, Sparxx_56, Spike509_62, Spino_54, Spouty_59, StCroix_47, Stagni_62, StarStuff_61, Stasia_54, SteMason_54, Steamy_55, Stella_61, StepMih_62, Stephig9_59, Stink_53, Strosahl_66, Sultana_55, SuperAwesome_60, SuperCallie99_58, Superchunk_57, Swann_48, SweetiePie_59, SwirlSquare_62, Swirley_55, SydNat_56, TNguyen7_59, TWAMP_48, TagePhighter_41, Takoda_48, Taquarus_55, Tarynearal_51, Taurus_63, Temprado_62, Terrific_60, Texage_56, Thanksgivukkah_54, Theia_52, Tiffany_61, Tiger_52, Timothy_59, TinaFeyge_54, TinyPebbles_61, TinyTimmy_59, Tinybot_54, TipsytheTRex_56, TiroTheta9_55, Toaka_59, Todacoro_57, Tomathan_61, ToneTone_58, Topanga_53, ToriToki_58, Toro_59, Travvers_61, Treat_58, Trike_54, Triste_39, Trixie_57, TroyPia_56, Tubs_59, Tucker_61, Turbido_60, Twigg_53, Twister_54, TygerBlood_55, Ugenie5_56, UhSalsa_48, Ulysses_54, UnionJack_55, Updawg_60, VC3_62, Vanisoa_59, Veracruz_56, Vix_61, VohminGhazi_60, Vrykolakas_58, WRightOn_61, Waits_66, WalterMcMickey_54, Wander_55, Warrior24_68, Watson_62, WeiHuaDA_59, Werner_39, Whabigail7_60, WideWale_60, Wiks_60, Wilbur_55, Wile_54, Wizard007_55, Wooldri_64, WorldCup_58, WunderPhul_61, Xena_53, XianYue_57, Yecey3_60, YoSam321_55, Yogi_47, Yokurt_61, Yoncess_47, Zaka_61, Zarafa_58, Zeigle_57, Zetzy_61, Zimmer_56, Zolita_55, ZooBear_58, Zulu_62,

Genes that have the "Most Annotated" start but do not call it:
• Aaronocolus_39, Alma_59, Alsaber_41, Amela_40, AnnaL29_61, Asten_39, Battleship_68, Beemo_59, Blue7_62, BobbyDazzler_48, Brataylor_42, BryanRecycles_40, Bxz2_57, Caelakin_55, Caliburn_39, Catalina_60, Celery_43, Celeste_40, Celia_41, Che12_60, Conan_41, Conquerage_59, CosmicSans_48, D29_57, Danzina_41, Dattran_41, Dexers_39, Dwayne_39, EZMoney23_56, Eagle_55, Eddasa_40, EdogawaKiddo_59, Eidsmoe_59, ElGato_41, EnochSoames_42, Epsocamisio_63, Esperer_39, George_51, Goby_39, Godpower_40, Hammer_61, Hippo_39, Holex_59, HortumSL17_59, Hydra_41, Indigo_38, Insomnia_60, Izzy_40, Jash_40, Jeffabunny_61, Junimo_54, Kaine_40,

Kimba_59, Koduck_60, L5_57, Lannister_41, Legacy_39, Leviticus_39, Lika_39, Lillie_48, LochMonster_56, Lorelei_40, Maneekul_39, MegTheThird_58, Myxus_59, Nabi_40, Naca_54, Nanodon_41, Nerdos_38, Northrop_55, Oliynyk_40, Oofda_67, OzzyJ_40, P28Green_63, PP_58, PackMan_58, PainterBoy_61, Panamaxus_55, Pavo_41, PhailMary_47, Phettuccine_39, Pioneer_59, Priamo_62, Provolone_41, Pukovnik_57, Qobbit_59, Quokka_58, RER2_41, RGL3_42, Rana_40, RedRock_61, Rhodalysa_48, Rocksand_55, Rusticus_40, Saftant_40, Scherzo_59, ShayRa_66, Skadoosh_56, Skipitt_54, Speedwell_45, Sudan_40, Sujidade_40, Sunhee_61, SunkenRoot_40, SunsetPointe_39, Switzerland_65, Toma_39, TuanPN_38, Unstoppable_39, Urza_41, Vanseggelen_45, Verabelle_43, Verse_40, VieEnRose_40, Whatever_39, Wolpertinger_58, Yasdnil_39, Yosif_42, ZamZam_40, Zemlya_41, phiCAM_38, phiHau3_41,

Genes that do not have the "Most Annotated" start:
• 20ES_62, 40AC_60, A6_50, AFIS_52, AN3_62, ATCC29399BC_30, ATCC29399BT_30, Abbyshoes_57, Abrogate_540, Acme_56, Adahisdi_55, Aeneas_57, Agaliana_50, Ajay_56, Aldrich_54, Alsfro_59, Altman_58, Alvin_54, Alvy_42, Amethyst_39, Andris_39, Anglerfish_56, Animus_39, Anon_64, Applejack_49, Aquarius_30, Arcanine_56, Arlo_53, Ashballer_57, Atkinbua_58, Attacne_30, Axiom_40, BK1_50, BPBiebs31_56, BaconJack_57, Bactobuster_57, Barriga_55, BarrowTuph_55, BartholomewSD_42, Beatrix_54, BeesKnees_57, BengiVuitton_60, Bethlehem_55, Bexan_52, BiancaTri92_59, Big3_54, BigMau_56, BigPaolini_54, Bigchungi_55, Bimmel_27, Bircsak_53, Blackflame_53, Blesser_53, BluSpix_53, Blue_54, Bob3_53, Bowden_40, Briton15_58, BruceLethal_30, Bruns_54, Burton_55, Buttons_53, Bxb1_50, CRB1_63, CactusRose_52, Caelum_41, Carlyle_53, CartmannCramer_54, CatBus_54, Chanagan_51, ChristmasHams_50, Ciao_54, ConceptII_57, Corvo_55, Cota_30, Crispicous1_52, Cueylyss_56, DD5_54, Daudau_40, DeerParkTS_56, Deloris_60, Dexes_55, Diane_39, DirtDevil_55, Doom_53, DrFeelGood_52, DrParker_30, DreamCatcher_58, Dreamboat_56, DroogsArmy_53, Dulcie_55, Dussy_56, Dynamix_56, ELB20_38, Edtherson_54, Elle_60, Enochoraptor_30, Enoki_30, EnzoK_54, Espresso_54, Euphoria_52, Eyeball_56, Fajezeel_56, Fenn_57, First_0061, Forsytheast_54, Francis47_53, Froghopper_52, GMonster_52, Gachnar_55, GageAP_55, Gandalf20_57, GirlDinner_39, Gompeii16_53, Graduation_58, GrecoEtereo_55, Greg_56, GroundGoblin_54, Gwendoluna_58, Gyzlar_51, Haizum_41, Hami1_48, HanShotFirst_55, Hank144_41, HarryOW_54, Hermia_55, HermioneGrange_55, HippoHollow_59, Homines_47, Hope4ever_56, ILeeKay_58, Ibantik_36, Ichabod_58, IgnatiusPatJac_55, Inyanga_51, Iqorha_51, IronMan_58, Issmi_41, Iwokeuplikedis_61, JC27_57, Jaan_59, JackSparrow_57, Janus_40, Jasper_56, Jerm2_56, Jevington_42, Jorgensen_55, JuliaChild_56, KBG_55, KSSJEB_54, Kanely_57, Keiki_30, Kenmech_58, KikiBouba_55, Killigrew_55, Kubed_30, Kugel_55, KyMonks1A_57, Kykar_54, LadyBird_64, Lamina13_55, Landor_59, Lauchelly_30, Leogania_59, Lesedi_51, Levia_52, Leviosa_30, Licorice_57, LilBandit_30, LilBib_55, LionsBait_59, Lockley_53, LogiBear_64, Loofah_40, Lopton_55, Loser_61, LunarLander_56, MEAK_30, MPlant7149_53, Magnar_54, Magnito_53, Makemake_55, Manatee_56, Marav_43, Marcell_52, Marchy_49, Marco3_58, Marge_54, Marsha_54, MaryBeth_54, McGuire_56, McSinger_55, MetalQZJ_53, MilleFeuille_54, Mkhuseli_53, Molly_56, Monet_57, Moose_54, Moyashi_30, MrAK_30, MrGordo_54, Mryolo_52, Mule_52, Museum_56, NEHalo_53, Naira_57, Nedarya_62, Nerujay_57, Nhonho_54, NicoleTera_57, Nishikigoi_41, Niza_57, Norz_56, Noxious_55, Ohno789_56, Omar_42, Oogway_54, Ouroboros_30, P1.1_30, P100.1_30, P100A_30, P100D_30, P101A_30, P104A_30, P104B_30, P105_30, P106A_30, P106C_31, P106I_30,

P106L_30, P106M_30, P107A_30, P107C_30, P108C_30, P14.4_30, P9.1_30, PA6_31, PAS50_31, PHL060L00_30, PHL067M10_30, PHL071N05_30, PHL111M01_30, PHL112N00_30, PHL113M01_30, PHL114L00_30, PSullivan_55, Pablito_39, PacerPaul_54, Paedore_39, Paolo_42, Papez_57, Paphu_53, Paraselene_52, Pari_57, Parliament_54, PascalRango_55, PattyP_55, Payneful_54, Pelly_55, Pepe_51, Perseus_55, Peterson_59, Petruchio_54, Phaded_59, PherrisBueller_54, PhineBark_54, Phlippers_54, PhrostyMug_54, PinkPlastic_55, Pinto_55, Pippin_56, Pirate_30, Pita2_58, Ponzi_29, PowerRanger_53, ProMouse_57, Procrass1_30, Prudy_58, Puginator_42, Puppet_55, QTRlifeCrisis_54, QueenBey_30, R4_40, Raid_54, Rajelicia_55, Rhynn_53, RidgeCB_54, Rileysaurus_30, Ringer_55, Rohr_56, Rubeus_55, Rufus_56, RunningOnE_36, Rutherferd_56, SKKY_30, STLscum_57, Sagefire_57, Sandaddy_53, Sanya_53, SarFire_52, Scowl_55, Seabiscuit_57, Seanderson_56, ShortQueendom_50, Sibs6_57, SkiPole_59, Slagathor_57, Smairt_57, Smeagol_57, Snazzy_54, Solid_30, Solon_53, Sorpresa_53, SpikeBT_54, Spooks_29, SqueakyClean_39, Squee_55, StewieG_51, Stormborn_30, StrongArm_53, Success_29, Sumter_51, Sunshine924_56, Supernova_30, Superstar_43, SwissCheese_56, Swole_56, Target_55, TarsusIV_57, Tasp14_56, Tefunt_41, Teodoridan_53, TheloniousMonk_55, Thestral_41, Thor_52, Timshel_54, TinaBelcher_40, Topgun_54, Tote_51, Traft412_57, Treddle_55, Tripl3t_55, Tristan_57, Triumph_41, Trooper_60, Trouble_57, TrvxScott_39, TwoPeat_56, U2_54, VA6_60, Violet_53, Watermelon_55, Wheeler_55, Whitspit_52, Wilkins_54, Wizzo_30, Zainub_42, Zeeculate_53, Zephyr_55, Zeuska_53,

Summary by start number:

Start 4:
• Found in 2 of 1146 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Rileysaurus_30 (BU),

Start 5:
• Found in 34 of 1146 (3.0%) of genes in pham
• Manual Annotations of this start: 33 of 1069
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alvy_42 (BD2), Amethyst_39 (BD2), Andris_39 (BD2), Animus_39 (BD2), Axiom_40 (BD2), BartholomewSD_42 (BD2), Bowden_40 (BD2), Caelum_41 (BD2), Daudau_40 (BD2), Diane_39 (BD2), ELB20_38 (BD2), GirlDinner_39 (BD2), Haizum_41 (BD2), Hank144_41 (BD2), Issmi_41 (BD2), Janus_40 (BD2), Jevington_42 (BD2), Loofah_40 (BD2), Marav_43 (BD2), Nishikigoi_41 (BD2), Omar_42 (BD2), Pablito_39 (BD2), Paedore_39 (BD2), Paolo_42 (BD2), Puginator_42 (BD2), R4_40 (BD2), SqueakyClean_39 (BD2), Superstar_43 (BD2), Tefunt_41 (BD2), Thestral_41 (BD2), TinaBelcher_40 (BD2), Triumph_41 (BD2), TrvxScott_39 (BD2), Zainub_42 (BD2),

Start 6:
• Found in 80 of 1146 (7.0%) of genes in pham
• Manual Annotations of this start: 40 of 1069
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Alsaber_41 (BD3), Amela_40 (BD3), Brataylor_42 (BD1), Celeste_40 (BD1), Conan_41 (BD3), Danzina_41 (BD1), Dattran_41 (BD1), Dexers_39 (BD3), Dwayne_39 (BD1), ElGato_41 (BD3),

Esperer_39 (BD1), Goby_39 (BD1), Godpower_40 (BD1), Hippo_39 (BD1), Indigo_38 (BD1), Kaine_40 (BD3), Lika_39 (BD1), Lorelei_40 (BD1), Maneekul_39 (BD1), Nabi_40 (BD1), Nanodon_41 (BD1), Oliynyk_40 (BD1), OzzyJ_40 (BD1), Pavo_41 (BD3), Phettuccine_39 (BD1), Provolone_41 (BD3), Rana_40 (BD1), Saftant_40 (BD3), Speedwell_45 (BD3), Sudan_40 (BD3), Sujidade_40 (BD1), SunkenRoot_40 (BD3), Toma_39 (BD1), Urza_41 (BD6), Verse_40 (BD3), Whatever_39 (BD1), Yasdnil_39 (BD1), Yosif_42 (BD3), ZamZam_40 (BD3), Zemlya_41 (BD1),

Start 7:
• Found in 4 of 1146 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 1069
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Spooks_29 (BT), Success_29 (BT),

Start 8:
• Found in 786 of 1146 (68.6%) of genes in pham
• Manual Annotations of this start: 629 of 1069
• Called 84.5% of time when present
• Phage (with cluster) where this start called: ACFishhook_61 (A3), AN9_62 (A2), ANI8_62 (A2), AbbyPaige_61 (A2), AbbysRanger_54 (A4), Abdiel_55 (A4), Achebe_53 (A4), Acolyte_54 (A2), Adzzy_60 (A2), Agape74_61 (A2), AgentM_52 (A5), Aglet_63 (A3), AgronaGT15_61 (A3), Airmid_54 (A5), Alatin_47 (CA), Albee_55 (A4), Alberto7_56 (A4), Aliter_59 (A9), Alpacados_47 (CA), Anaysia_66 (A15), Aneem_60 (A11), AngryOrchard_46 (CA), Annyong_55 (A4), Anselm_60 (A2), Anthony_56 (A20), Anubis_65 (A3), AppleCloud_45 (CA), Aragog_52 (A5), ArcherNM_54 (A2), Archetta_52 (A5), Arissanae_58 (A9), Artemis2UCLA_61 (A6), Arturo_54 (A4), Astro_59 (A8), AugsMagnumOpus_65 (A3), AvatarAhPeg_53 (A4), Avle17_55 (A4), Ayanochan_58 (A9), B1_52 (A3), BABullseye_53 (A6), Baby16_55 (A4), BabyBack_57 (A2), BabyJohn_55 (A3), BabyRay_58 (A3), Bachome_61 (A11), Backyardigan_52 (A4), Badger_53 (A4), Baehexic_58 (A2), BangNhom_55 (A4), BarryBee_42 (BD1), Bartimeaus_55 (A4), BeardedLady_40 (BD1), Beauxregard13_62 (A3), Belenaria_48 (CA), Bellris_59 (A9), BellusTerra_56 (A4), Benedict_57 (A5), BennyP_61 (A6), Benvolio_56 (A2), Bigflo_62 (A3), Blackmoor_55 (A4), BlessJoy_61 (A6), Blinn1_63 (A6), BlueBird_60 (A3), Bluefalcon_52 (A5), BobSwaget_55 (A2), BogosyJay_58 (A9), Bombshell_55 (A4), Bonamassa_53 (A5), Bonanza_48 (CA), Boohoo_66 (A15), Bovely_39 (BD1), Bowtie_60 (A11), Bradman_59 (A2), Bradshaw_48 (CA), BreSam8_62 (A3), BroPlease_40 (BD4), Broseidon_55 (A4), Bruiser_54 (A4), Bryce_47 (CA), BubbleTrouble_54 (A4), Buckaroo_54 (A4), Bud_59 (A11), Bugatti_60 (A3), Bugsy_61 (A2), Bumblebee11_53 (A4), Burger_53 (A4), BuzzBuzz_59 (A3), C3_57 (A2), Caitlin_58 (A8), Calvinny_62 (A3), Camperdownii_53 (A4), Candra_61 (A6), Caraxes_57 (A2), Cat_55 (A3), Caviar_57 (A3), Celestialunch_57 (A9), Centaur_60 (A2), CentreCat_55 (A4), Cerulean_56 (A4), Chadwick_57 (A5), ChampagnePapi_57 (A4), Changeling_58 (A2), Chaph_55 (A4), Chargerpower_57 (A22), Charm_57 (A9), Chartreuse_59 (A6), ChipMunk_61 (A2), Chiqui_55 (A3), Chucky_39 (BD1), Chupacabra_54 (A10), Cici_54 (A4), Cindaradix_51 (A4), Cintron_54 (A4), Citius_55 (A4), Clammy_60 (A3), Clarenza_54 (A4), CloudWang3_61 (A6), ClownCar_62 (A3), Cocoaberry_55 (A4), CogOmlette_58 (A9), Colbster_62 (A3), Colin_58 (A2), Commander_55 (A4), Connomayer_55 (A4), Conspiracy_53 (A5), Coog_52 (A5), Cookiedough_60 (A6), Croquant_63 (A3), Crucio_59 (A2), Cuco_53 (A5), Cullens_62 (A3), D32_60 (A2), DBQu4n_61 (A2), DaHudson_62 (A3), DaVinci_59 (A6), Daishi_61 (A3), Dalmatian_60 (A2), Danforth_59 (A8), Darrell_61 (A9), DarthPhader_56 (A12), Datway_54 (A4), Deano_54 (A4), DekHockey33_67 (A15), DelvinSonDorr_58 (A6),

Dennebes_62 (BF), Destructrice_57 (BF), Dhanush_55 (A4), Dieselweasel_63 (A3), Dignity_61 (A2), Dinger_47 (CA), DirtyDunning_54 (A4), Discoknowium_51 (A5), Dixon_58 (A8), DontArgue_54 (A10), Dorothea_60 (A6), Drake55_61 (A2), Drake94_54 (A10), DreamTeam1_57 (A9), DropBear_58 (A3), Druantia_55 (A4), Dublin_53 (A5), DudeLittle_58 (A2), Duplo_61 (A2), DustyMartin_59 (A10), EagleEye_62 (A16), Eaglepride_57 (A10), Eapen_55 (A4), Ebony_59 (A11), Echild_59 (A2), Edison31_54 (A10), Ejemplo_38 (BD1), ElTiger69_56 (A5), Elephantoon_58 (A9), Emaanora_42 (BD1), EmyBug_58 (A9), EpicPhail_63 (A3), Equemioh13_60 (A2), EricB_59 (A6), Erik_48 (CA), Eris_54 (A4), Eros_55 (A4), Espica_48 (CA), Et2Brutus_58 (A11), EtoileNova_58 (A3), Eurydice_56 (A4), EvilGenius_61 (A2), Expelliarmus_57 (A8), ExplosioNervosa_59 (A9), Fabian_55 (BF), Fameo_59 (A2), Farber_62 (A3), FatCactus_53 (A20), Fayely_59 (A9), Fernando_62 (A3), Fibonacci_59 (A11), FiringLine_59 (A2), Flare16_59 (A2), Flaverint_60 (A11), Florean_55 (A4), Florence1_51 (A5), Florence4_53 (A5), FlowerPower_57 (BF), Flux_55 (A4), FlyCatcher_61 (A7), ForGetIt_53 (A5), ForesterFrank_57 (A2), Fred313_57 (A3), Funston_54 (A4), Gadost_55 (A4), Gail_62 (A14), Garak_63 (A6), GaugeLDP_56 (A2), Gemma_61 (A3), Georgie2_60 (A2), Geostin_52 (BF), Ghoulboy_56 (A5), Gilberta_60 (A11), GingkoMaracino_62 (A3), Giroux_60 (A3), Gladiator_58 (A6), Gollum_48 (CA), Goose1D_52 (A3), Goose1X_58 (A3), Goose_56 (A10), Gratitude_59 (A2), GreedyLawyer_59 (A6), GreenWeasel_41 (BD4), Gremlin23_57 (BF), Grif_62 (A3), Groundhog_58 (A8), Groupthink_63 (A3), Grub_62 (A3), Grum1_62 (A3), Gruunaga_61 (A6), GtownJaz_62 (A3), Gwennie_62 (A3), HINdeR_52 (A7), HamSlice_53 (A4), Hanray_59 (A9), Happiness_54 (A4), Harlequin_47 (CA), HarryHoudini_60 (A2), HashRod_63 (A3), HaugeAnator_58 (BF), HaveUMetTed_63 (A3), Heathen_58 (A3), Heffalump_58 (A2), HelDan_58 (A3), Heliosoles_61 (A3), Helmet_63 (A6), Herbertwm_57 (A2), Hercules11_62 (A3), Hexamo_61 (A6), Hiro_48 (CA), Holli_54 (A4), Hookmount_57 (A3), Hoot_55 (A6), Houdini22_55 (A4), HuhtaEnerson15_53 (A5), Hutc2_59 (A11), Huxley_54 (A4), ICleared_55 (A4), Iceman_55 (A4), Idleandcovert_58 (A3), Imbriano_62 (A6), Immanuel3_57 (BF), Indra_64 (A6), Iracema64_56 (A4), Isca_57 (A3), Isiphiwo_58 (A6), Itza_41 (BD6), JF2_56 (A3), JF4_56 (A3), JHC117_61 (A3), JPandJE_58 (BF), JSwag_65 (A15), Jabiru_55 (A5), Jabith_60 (A11), Jaykayelowell_53 (A4), Jeeves_63 (A14), JenCasNa_63 (A3), JeppNRM_63 (A3), Jerm_61 (A2), Jester_47 (CA), JetBlade_55 (A4), JewelBug_61 (A6), Jhitchelle_39 (BD3), Jiawan_59 (A9), Jobu08_60 (A3), JoongJeon_54 (A4), Jordennis_59 (A6), Joselito_60 (A11), JoshKayV_61 (A2), Journey13_53 (A2), Jovo_53 (A5), Jsquared_58 (A2), KADY_62 (A3), KFPoly_54 (A4), Kachowdy_58 (A3), Kalb97_63 (A3), Kalnoky_63 (A3), Kalpine_57 (A2), Kampy_54 (A4), Katalie136_54 (A4), Katalie_39 (BD1), KatherineG_66 (A15), Kazan_61 (A6), KekoraPapaka_55 (A4), Kerberos_61 (A2), Keziacharles14_59 (A9), Kimona_55 (A19), KingCyrus_61 (A2), Kingmustik0402_55 (A4), Kinmap_55 (A21), Kipper29_60 (A6), KittenMittens_53 (A10), Klodlith_58 (A9), Koan_53 (A4), Koko_62 (A6), Koreni_54 (A4), Kratark_55 (A4), Kremtemulon_55 (A4), Krishelle_48 (CA), Kristoff_55 (A10), Kumquat_57 (BF), Kyee_55 (A4), LBerry_63 (A3), LHTSCC_57 (A4), Lambert1_57 (A3), LappelDuVide_55 (A4), Larenn_58 (A2), LarryKay_62 (A3), LastResort_64 (A15), Lemur_55 (A4), LeoAvram_55 (A4), Lev2_53 (A5), Leviathan_61 (A2), LilTurb_60 (A2), Lilbunny_60 (A6), Lilith_62 (A3), Lilleskat_59 (A9), LittleB_55 (A4), LittleCherry_53 (A5), LittleGuy_55 (A4), Lokk_56 (A2), LoneWolf_60 (A9), Looper_65 (A15), Lorenzo_55 (A4), Louie6_61 (A3), Lowa_62 (A3), Luchador_62 (A14), Lucivia_60 (A11), Lucyedi_61 (A16), LugYA_65 (A3), Lunsford_56 (A4), MA5_58 (A3), MK4_58 (A3), MaCh_60 (A11), Mabel_59 (A11), MadMarie_62 (A3), Mainiac_62 (A3), MajorMajor_59 (A2), Malec_59 (A2), Malinsilva_64 (A3), Maminiaina_58 (A9), Manu_62 (A3), Manuel_55 (BF), MarQuardt_62 (A3), Marchesa_58 (A3), Margo_57

(A3), Marie_61 (A3), Marius_63 (A3), MarysWell_53 (A5), Maverick_55 (A4), Maxo_56 (A4), Mayonnaise_54 (A4), Mazhar510_55 (A4), McFly_60 (A6), Medusa_55 (A4), MeeZee_55 (A4), Melvin_57 (A4), Methuselah_57 (A3), Micasa_54 (A5), Microwolf_61 (A3), MiculUcigas_59 (A2), Midas2_52 (A5), Miko_56 (A2), Milcery_53 (A5), Millski_54 (A4), MinecraftSteve_66 (A15), Minispark_58 (A9), Miramae_53 (A4), Misomonster_63 (A3), MissWhite_58 (A2), MoneyMay_62 (A3), Montavir_61 (A3), Morpher26_54 (A4), Morrow_56 (A4), MuchMore_65 (A3), Mulciber_59 (A11), Munch_60 (A11), Mundrea_54 (A4), MyraDee_53 (A18), NaSiaTalie_59 (A2), Naiad_47 (CA), Naji_61 (A2), Nancinator_48 (CA), Natosaleda_47 (CA), NearlyHeadless_59 (A8), Nebs_56 (A4), Nebulosus_64 (A15), Neeharika16_59 (A6), Nemo27_55 (A4), Newrala_60 (A6), Noella_57 (A3), Noelle_55 (A4), Norbert_56 (A3), NorthStar_54 (A4), NotAPhaseMom_55 (A4), NothingSpecial_57 (A2), Nyxis_55 (A4), OKCentral2016_55 (A10), OKaNui_55 (A4), Obama12_56 (A4), Odin_57 (A2), Ohfah_56 (A4), OlanP_61 (A3), Olicious_58 (BF), Ollie_62 (A3), Onglai_58 (A9), Orange_59 (A11), Ozzie_39 (BD1), PGHhamlin_64 (A3), Palestino_54 (A4), Partridge_47 (CA), Pawn_62 (A3), PeaceMeal1_54 (A10), Peaches_54 (A4), Pembroke_62 (A3), Penny1_63 (A3), Percastrophe_58 (BF), Perplexer_54 (A4), PeterPeter_55 (A4), Petersenfast_59 (A11), PetiteSangsue_54 (A4), PetterN_58 (A5), Ph8s_60 (A2), Phacado_55 (A4), Phaeder_59 (A9), Phantastic_59 (A3), Pharaoh_54 (A12), Phelipe_56 (A4), Phighter1804_55 (A4), Phillis_57 (A8), PhishRPhriends_60 (A3), Phlei_49 (A13), Phlorence_51 (A5), Phoebe_63 (A3), Phonnegut_59 (A9), Phontbonne_55 (A4), Phoxy_62 (A3), Phrankenstein_48 (CA), Phranny_63 (A3), PickleBack_53 (A5), Pipcraft_53 (A4), Piro94_59 (A2), Pistachio_59 (A3), Pmask_59 (A6), Pocahontas_57 (A3), Polymorphads_56 (A4), Polyphemus_62 (A6), Pomar16_61 (A2), Poompha_54 (A10), Popcicle_57 (A3), PotatoSplit_64 (A3), Power_58 (A2), Prinashe11_52 (A5), Priya_59 (A9), Pumbaa_55 (A4), Puppy_59 (A3), PurpleHaze_62 (A3), QueenB2_58 (A2), QueenBeesly_59 (A2), QuinnKiro_56 (A3), Rachaly_58 (A2), Rahalelujah_59 (A9), Rasputin_48 (CA), Ravana_68 (A15), ReMo_64 (A15), Reba_62 (A3), Rebeuca_56 (A10), RedBear_40 (BD1), Refuge_57 (A12), Relief_54 (A4), Remus_66 (A15), ResDef_57 (A3), RetrieverFever_57 (BF), Retro23_60 (A2), RexFury_47 (CA), RhynO_56 (A10), Rideau_62 (BF), Rifter_61 (A6), Roary_60 (A8), RockieBear_55 (A4), Rockstar_57 (A3), Roimos_58 (A3), Roksolana_62 (A6), Romero_58 (BF), Romney_55 (A4), Roosevelt_54 (A4), Rosa24_54 (A4), Rosalind_64 (A15), RosePharie_58 (BF), Rowdy_59 (A10), Ruin_55 (A4), Rummer_61 (A3), RyeScarlet_59 (A9), Sabertooth_55 (A4), Sabia_62 (A3), Sabinator_61 (A3), Sachima_59 (A9), Saintus_54 (A8), Salz_58 (A11), SarahRose_39 (BD1), Saskia_60 (A11), SaturnRing_59 (A3), Scamp_55 (A4), Scorpia_58 (A5), Scout_58 (A3), SemperFi_60 (A2), SenorClean_55 (A4), Serenity_60 (A2), Severus_54 (A10), Shaka_55 (A4), Sham4_59 (A11), Shapes_59 (A10), SheaKeira_57 (A9), Sheen_57 (A7), SheldonCooper_56 (A4), Shep_58 (A3), Shuman_48 (CA), Shygu2_54 (A4), Sknot_59 (A2), Smeadley_59 (A8), Smeagan_62 (A2), SmellyB_60 (A6), SnapTap_59 (A2), Snape_59 (A11), Snickers_62 (A3), Snorlax_39 (BD1), SoYo_62 (A3), SoilDragon_62 (A3), SororFago_60 (A14), Soshari_64 (A3), Soups_66 (A15), South40_39 (BD1), Sparxx_56 (A4), Spike509_62 (A3), Spino_54 (A4), Spouty_59 (A9), StCroix_47 (CA), Stagni_62 (A3), StarStuff_61 (A2), Stasia_54 (A4), SteMason_54 (A4), Steamy_55 (A12), Stella_61 (BF), StepMih_62 (A3), Stephig9_59 (A8), Stink_53 (A4), Strosahl_66 (A15), Sultana_55 (A4), SuperAwesome_60 (A6), SuperCallie99_58 (A6), Superchunk_57 (A2), Swann_48 (CA), SweetiePie_59 (A2), SwirlSquare_62 (A2), Swirley_55 (A5), SydNat_56 (A5), TNguyen7_59 (A3), TWAMP_48 (CA), TagePhighter_41 (BD1), Takoda_48 (CA), Taquarus_55 (A4), Tarynearal_51 (A5), Taurus_63 (A3), Temprado_62 (A6), Terrific_60 (A2), Texage_56 (A3), Thanksgivukkah_54 (A4), Theia_52 (A5), Tiffany_61 (A3), Tiger_52 (A5),

Timothy_59 (A11), TinaFeyge_54 (A4), TinyPebbles_61 (A3), TinyTimmy_59 (A11), Tinybot_54 (A4), TipsytheTRex_56 (A2), TiroTheta9_55 (A4), Toaka_59 (A9), Todacoro_57 (A3), Tomathan_61 (A2), ToneTone_58 (A6), Topanga_53 (A10), ToriToki_58 (BF), Toro_59 (A7), Travvers_61 (A2), Treat_58 (BF), Trike_54 (A10), Triste_39 (BD1), Trixie_57 (A2), TroyPia_56 (A4), Tubs_59 (A9), Tucker_61 (A6), Turbido_60 (A2), Twigg_53 (A5), Twister_54 (A10), TygerBlood_55 (A4), Ugenie5_56 (A9), UhSalsa_48 (CA), Ulysses_54 (A4), UnionJack_55 (A5), Updawg_60 (A2), VC3_62 (A2), Vanisoa_59 (A9), Veracruz_56 (A3), Vix_61 (A3), VohminGhazi_60 (A6), Vrykolakas_58 (BF), WRightOn_61 (BF), Waits_66 (A15), WalterMcMickey_54 (A10), Wander_55 (A4), Warrior24_68 (A15), Watson_62 (A3), WeiHuaDA_59 (A2), Werner_39 (BD1), Whabigail7_60 (A2), WideWale_60 (A2), Wiks_60 (A6), Wilbur_55 (A4), Wile_54 (A4), Wizard007_55 (A4), Wooldri_64 (A3), WorldCup_58 (A9), WunderPhul_61 (A6), Xena_53 (A4), XianYue_57 (A2), Yecey3_60 (A9), YoSam321_55 (A4), Yogi_47 (CA), Yokurt_61 (A6), Yoncess_47 (CA), Zaka_61 (A6), Zarafa_58 (A3), Zeigle_57 (BF), Zetzy_61 (A3), Zimmer_56 (A12), Zolita_55 (A5), ZooBear_58 (BF), Zulu_62 (A6),

Start 9:
• Found in 4 of 1146 (0.3%) of genes in pham
• Manual Annotations of this start: 3 of 1069
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anon_64 (A15), Elle_60 (A15), LogiBear_64 (A15), Nedarya_62 (A15),

Start 10:
• Found in 58 of 1146 (5.1%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 1.7% of time when present
• Phage (with cluster) where this start called: RunningOnE_36 (JN),

Start 11:
• Found in 43 of 1146 (3.8%) of genes in pham
• Manual Annotations of this start: 29 of 1069
• Called 67.4% of time when present
• Phage (with cluster) where this start called: AFIS_52 (A1), Anglerfish_56 (A1), Arcanine_56 (A1), Atkinbua_58 (A1), Big3_54 (A1), Burton_55 (A1), Chanagan_51 (A1), ConceptII_57 (A1), Espresso_54 (A1), Euphoria_52 (A1), GageAP_55 (A1), Gandalf20_57 (A1), HermioneGrange_55 (A1), Jerm2_56 (A1), KBG_55 (A1), Lopton_55 (A1), Manatee_56 (A1), MrGordo_54 (A1), NEHalo_53 (A1), Ohno789_56 (A1), PSullivan_55 (A1), PattyP_55 (A1), Pita2_58 (A1), Raid_54 (A1), Rajelicia_55 (A1), Rohr_56 (A1), Swole_56 (A1), Tote_51 (A1), Watermelon_55 (A1),

Start 12:
• Found in 100 of 1146 (8.7%) of genes in pham
• Manual Annotations of this start: 45 of 1069
• Called 54.0% of time when present
• Phage (with cluster) where this start called: ATCC29399BC_30 (BU), ATCC29399BT_30 (BU), Aquarius_30 (BU), Attacne_30 (BU), BruceLethal_30 (BU), Cota_30 (BU), DrParker_30 (BU), Enochoraptor_30 (BU), Enoki_30 (BU), Keiki_30 (BU), Kubed_30 (BU), Lauchelly_30 (BU), Leviosa_30 (BU), LilBandit_30 (BU), MEAK_30 (BU), Moyashi_30 (BU), MrAK_30 (BU), Ouroboros_30 (BU), P1.1_30 (BU), P100.1_30 (BU), P100A_30 (BU), P100D_30 (BU), P101A_30 (BU), P104A_30 (BU), P104B_30 (BU), P105_30 (BU), P106A_30 (BU), P106C_31 (BU), P106I_30

(BU), P106L_30 (BU), P106M_30 (BU), P107A_30 (BU), P107C_30 (BU), P108C_30 (BU), P14.4_30 (BU), P9.1_30 (BU), PA6_31 (BU), PAS50_31 (BU), PHL060L00_30 (BU), PHL067M10_30 (BU), PHL071N05_30 (BU), PHL111M01_30 (BU), PHL112N00_30 (BU), PHL113M01_30 (BU), PHL114L00_30 (BU), Pirate_30 (BU), Procrass1_30 (BU), QueenBey_30 (BU), SKKY_30 (BU), ShayRa_66 (A15), Solid_30 (BU), Stormborn_30 (BU), Supernova_30 (BU), Wizzo_30 (BU),

Start 13:
• Found in 3 of 1146 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Ponzi_29 (singleton),

Start 15:
• Found in 18 of 1146 (1.6%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 5.6% of time when present
• Phage (with cluster) where this start called: Bimmel_27 (BT),

Start 19:
• Found in 46 of 1146 (4.0%) of genes in pham
• Manual Annotations of this start: 39 of 1069
• Called 91.3% of time when present
• Phage (with cluster) where this start called: Abrogate_540 (A1), Acme_56 (A1), BaconJack_57 (A1), BigPaolini_54 (A1), Blue_54 (A1), Bob3_53 (A1), Buttons_53 (A1), Carlyle_53 (A1), DrFeelGood_52 (A1), Eyeball_56 (A1), Gwendoluna_58 (A1), Inyanga_51 (A1), Iqorha_51 (A1), Kugel_55 (A1), KyMonks1A_57 (A1), Kykar_54 (A1), Lesedi_51 (A1), MPlant7149_53 (A1), Magnar_54 (A1), Magnito_53 (A1), Mkhuseli_53 (A1), Molly_56 (A1), Naira_57 (A1), Norz_56 (A1), Pari_57 (A1), Perseus_55 (A1), Petruchio_54 (A1), RidgeCB_54 (A1), Rubeus_55 (A1), Rufus_56 (A1), Sagefire_57 (A1), Seanderson_56 (A1), ShortQueendom_50 (A1), Sibs6_57 (A1), Squee_55 (A1), Sunshine924_56 (A1), TheloniousMonk_55 (A1), Traft412_57 (A1), Trouble_57 (A1), Violet_53 (A1), Zephyr_55 (A1), Zeuska_53 (A1),

Start 20:
• Found in 673 of 1146 (58.7%) of genes in pham
• Manual Annotations of this start: 32 of 1069
• Called 4.8% of time when present
• Phage (with cluster) where this start called: AN3_62 (A2), Bactobuster_57 (A2), Battleship_68 (A15), BengiVuitton_60 (A2), BiancaTri92_59 (A2), DeerParkTS_56 (A2), Deloris_60 (A2), EZMoney23_56 (A2), Epsocamisio_63 (A15), HippoHollow_59 (A2), Insomnia_60 (A11), IronMan_58 (A2), Iwokeuplikedis_61 (A2), Jaan_59 (A2), Kimba_59 (A11), LadyBird_64 (A2), Landor_59 (A2), Leogania_59 (A2), LionsBait_59 (A2), Loser_61 (A2), Naca_54 (A5), Oofda_67 (A15), P28Green_63 (A3), Phaded_59 (A2), Priamo_62 (A6), Prudy_58 (A2), Sunhee_61 (A14), Switzerland_65 (A15), Tristan_57 (A2), Trooper_60 (A2), VA6_60 (A2), Wolpertinger_58 (A11),

Start 23:
• Found in 32 of 1146 (2.8%) of genes in pham
• Manual Annotations of this start: 2 of 1069
• Called 9.4% of time when present
• Phage (with cluster) where this start called: Panamaxus_55 (A3), Quokka_58 (A2), Timshel_54 (A7),

Start 24:
• Found in 187 of 1146 (16.3%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 2.7% of time when present
• Phage (with cluster) where this start called: Junimo_54 (A4), Northrop_55 (A4), Rocksand_55 (A4), Skadoosh_56 (A4), Skipitt_54 (A4),

Start 25:
• Found in 68 of 1146 (5.9%) of genes in pham
• Manual Annotations of this start: 5 of 1069
• Called 7.4% of time when present
• Phage (with cluster) where this start called: Beemo_59 (A9), EdogawaKiddo_59 (A9), Holex_59 (A9), Qobbit_59 (A9), Scherzo_59 (A9),

Start 28:
• Found in 242 of 1146 (21.1%) of genes in pham
• Manual Annotations of this start: 135 of 1069
• Called 60.3% of time when present
• Phage (with cluster) where this start called: A6_50 (A1), Abbyshoes_57 (A1), Adahisdi_55 (A1), Aeneas_57 (A1), Agaliana_50 (A1), Ajay_56 (A1), Aldrich_54 (A1), Alsfro_59 (A1), Altman_58 (A1), Alvin_54 (A1), Applejack_49 (A1), Arlo_53 (A1), Ashballer_57 (A1), BK1_50 (A1), Barriga_55 (A1), BarrowTuph_55 (A1), Beatrix_54 (A1), BeesKnees_57 (A1), Bexan_52 (A1), Bigchungi_55 (A1), Bircsak_53 (A1), Blackflame_53 (A1), Blesser_53 (A1), BluSpix_53 (A1), Bruns_54 (A1), CactusRose_52 (A1), CartmannCramer_54 (A1), CatBus_54 (A1), ChristmasHams_50 (A1), Corvo_55 (A1), Crispicous1_52 (A1), Cueylyss_56 (A1), Dexes_55 (A1), DirtDevil_55 (A1), Doom_53 (A1), DreamCatcher_58 (A1), Dreamboat_56 (A1), Dulcie_55 (A1), Dussy_56 (A1), Dynamix_56 (A1), Edtherson_54 (A1), EnzoK_54 (A1), Fajezeel_56 (A1), Fenn_57 (A1), Forsytheast_54 (A1), Francis47_53 (A1), Froghopper_52 (A1), GMonster_52 (A1), Gachnar_55 (A1), Gompeii16_53 (A1), Graduation_58 (A1), GrecoEtereo_55 (A1), Greg_56 (A1), GroundGoblin_54 (A1), Gyzlar_51 (A1), Hami1_48 (A1), HanShotFirst_55 (A1), HarryOW_54 (A1), Hermia_55 (A1), Homines_47 (A1), Hope4ever_56 (A1), ILeeKay_58 (A1), Ichabod_58 (A1), IgnatiusPatJac_55 (A1), JC27_57 (A1), Jorgensen_55 (A1), Kanely_57 (A1), Kenmech_58 (A1), KikiBouba_55 (A1), Killigrew_55 (A1), Lamina13_55 (A1), Levia_52 (A1), Licorice_57 (A1), LilBib_55 (A1), LunarLander_56 (A1), Makemake_55 (A1), Marcell_52 (A1), Marchy_49 (A1), Marco3_58 (A1), Marsha_54 (A1), MaryBeth_54 (A1), McGuire_56 (A1), McSinger_55 (A1), MetalQZJ_53 (A1), MilleFeuille_54 (A1), Monet_57 (A1), Moose_54 (A1), Mryolo_52 (A1), Mule_52 (A1), Museum_56 (A1), Nerujay_57 (A1), Nhonho_54 (A1), Noxious_55 (A1), Oogway_54 (A1), PacerPaul_54 (A1), Papez_57 (A1), Paphu_53 (A1), Paraselene_52 (A1), Parliament_54 (A1), PascalRango_55 (A1), Payneful_54 (A1), Pelly_55 (A1), Pepe_51 (A1), Peterson_59 (A1), PherrisBueller_54 (A1), PhineBark_54 (A1), Phlippers_54 (A1), PhrostyMug_54 (A1), PinkPlastic_55 (A1), Pinto_55 (A1), Pippin_56 (A1), PowerRanger_53 (A1), ProMouse_57 (A1), Puppet_55 (A1), QTRlifeCrisis_54 (A1), Rhynn_53 (A1), Ringer_55 (A1), Rutherferd_56 (A1), STLscum_57 (A1), Sandaddy_53 (A1), Sanya_53 (A1), SarFire_52 (A1), Scowl_55 (A1), Seabiscuit_57 (A1), Slagathor_57 (A1), Smairt_57 (A1), Smeagol_57 (A1), Snazzy_54 (A1), Solon_53 (A1), Sorpresa_53 (A1), SpikeBT_54 (A1), StewieG_51 (A1), StrongArm_53 (A1), Sumter_51 (A1), SwissCheese_56 (A1), Target_55 (A1), Tasp14_56 (A1), Teodoridan_53 (A1), Thor_52 (A1), Topgun_54 (A1), Treddle_55 (A1), TwoPeat_56

(A1), Wheeler_55 (A1), Whitspit_52 (A1), Wilkins_54 (A1), Zeeculate_53 (A1),

Start 31:
• Found in 1 of 1146 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ibantik_36 (JN),

Start 32:
• Found in 348 of 1146 (30.4%) of genes in pham
• Manual Annotations of this start: 2 of 1069
• Called 0.6% of time when present
• Phage (with cluster) where this start called: Caelakin_55 (A4), Eagle_55 (A4),

Start 35:
• Found in 4 of 1146 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 1069
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Celia_41 (BD6), VieEnRose_40 (BD6),

Start 36:
• Found in 914 of 1146 (79.8%) of genes in pham
• Manual Annotations of this start: 23 of 1069
• Called 3.1% of time when present
• Phage (with cluster) where this start called: 20ES_62 (A2), 40AC_60 (A17), Aaronocolus_39 (BD1), Asten_39 (BD1), Blue7_62 (A6), BryanRecycles_40 (BD1), CRB1_63 (A2), Caliburn_39 (BD1), Eddasa_40 (BD1), EnochSoames_42 (BD1), First_0061 (A2), George_51 (A5), Hammer_61 (A6), Hydra_41 (BD1), Izzy_40 (BD1), Jash_40 (BD1), Jeffabunny_61 (A6), Legacy_39 (BD1), Leviticus_39 (BD1), Marge_54 (A1), Nerdos_38 (BD1), NicoleTera_57 (A2), PainterBoy_61 (A16), Rusticus_40 (BD1), SunsetPointe_39 (BD1), TarsusIV_57 (A2), Tripl3t_55 (A1), Unstoppable_39 (BD1),

Start 40:
• Found in 815 of 1146 (71.1%) of genes in pham
• Manual Annotations of this start: 29 of 1069
• Called 3.8% of time when present
• Phage (with cluster) where this start called: Alma_59 (A9), BigMau_56 (A1), BobbyDazzler_48 (CA), Bxb1_50 (A1), Bxz2_57 (A3), Catalina_60 (A9), Che12_60 (A2), Ciao_54 (A1), Conquerage_59 (A9), CosmicSans_48 (CA), D29_57 (A2), DD5_54 (A1), DroogsArmy_53 (A7), Eidsmoe_59 (A9), HortumSL17_59 (A9), JackSparrow_57 (A1), Jasper_56 (A1), JuliaChild_56 (A1), L5_57 (A2), LochMonster_56 (A4), Lockley_53 (A1), Myxus_59 (A9), Niza_57 (A1), PP_58 (A7), PackMan_58 (A9), PhailMary_47 (CA), Pioneer_59 (A9), Pukovnik_57 (A2), RER2_41 (CA), RGL3_42 (CA), U2_54 (A1),

Start 42:
• Found in 326 of 1146 (28.4%) of genes in pham
• Manual Annotations of this start: 5 of 1069
• Called 1.5% of time when present
• Phage (with cluster) where this start called: BPBiebs31_56 (A1), Bethlehem_55 (A1), KSSJEB_54 (A1), SkiPole_59 (A1), phiHau3_41 (BD4),

Start 43:
• Found in 265 of 1146 (23.1%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 0.4% of time when present
• Phage (with cluster) where this start called: AnnaL29_61 (A2),

Start 45:
• Found in 354 of 1146 (30.9%) of genes in pham
• Manual Annotations of this start: 2 of 1069
• Called 0.6% of time when present
• Phage (with cluster) where this start called: Koduck_60 (A2), RedRock_61 (A2),

Start 50:
• Found in 240 of 1146 (20.9%) of genes in pham
• Manual Annotations of this start: 1 of 1069
• Called 0.4% of time when present
• Phage (with cluster) where this start called: Briton15_58 (A1),

Start 51:
• Found in 257 of 1146 (22.4%) of genes in pham
• Manual Annotations of this start: 4 of 1069
• Called 3.1% of time when present
• Phage (with cluster) where this start called: Celery_43 (BD3), Lannister_41 (BD1), Lillie_48 (CA), Rhodalysa_48 (CA), TuanPN_38 (BD1), Vanseggelen_45 (BD3), Verabelle_43 (BD3), phiCAM_38 (BD3),

Start 59:
• Found in 635 of 1146 (55.4%) of genes in pham
• No Manual Annotations of this start.
• Called 0.2% of time when present
• Phage (with cluster) where this start called: MegTheThird_58 (A9),

Summary by clusters:

There are 33 clusters represented in this pham: BF, singleton, BT, BU, JN, BD1, A15, A14, A17, A16, A11, A10, A13, A12, A19, A18, A1, BD4, A3, A2, A5, A4, BD3, A6, A9, A8, A7, CA, BD2, A20, A21, A22, BD6,

Info for manual annotations of cluster A1:
•Start number 11 was manually annotated 29 times for cluster A1.
•Start number 19 was manually annotated 39 times for cluster A1.
•Start number 28 was manually annotated 135 times for cluster A1.
•Start number 36 was manually annotated 2 times for cluster A1.
•Start number 40 was manually annotated 10 times for cluster A1.
•Start number 42 was manually annotated 4 times for cluster A1.
•Start number 50 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:
•Start number 8 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 8 was manually annotated 25 times for cluster A11.
•Start number 20 was manually annotated 3 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 8 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 8 was manually annotated 4 times for cluster A14.
•Start number 20 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A15:
•Start number 8 was manually annotated 17 times for cluster A15.
•Start number 9 was manually annotated 3 times for cluster A15.
•Start number 12 was manually annotated 1 time for cluster A15.
•Start number 20 was manually annotated 4 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 8 was manually annotated 2 times for cluster A16.
•Start number 36 was manually annotated 1 time for cluster A16.

Info for manual annotations of cluster A18:
•Start number 8 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 8 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 8 was manually annotated 87 times for cluster A2.
•Start number 20 was manually annotated 21 times for cluster A2.
•Start number 36 was manually annotated 2 times for cluster A2.
•Start number 40 was manually annotated 4 times for cluster A2.
•Start number 43 was manually annotated 1 time for cluster A2.
•Start number 45 was manually annotated 2 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 8 was manually annotated 2 times for cluster A20.

Info for manual annotations of cluster A21:
•Start number 8 was manually annotated 1 time for cluster A21.

Info for manual annotations of cluster A22:
•Start number 8 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:
•Start number 8 was manually annotated 122 times for cluster A3.
•Start number 20 was manually annotated 1 time for cluster A3.
•Start number 23 was manually annotated 1 time for cluster A3.
•Start number 40 was manually annotated 1 time for cluster A3.

Info for manual annotations of cluster A4:
•Start number 8 was manually annotated 140 times for cluster A4.
•Start number 24 was manually annotated 1 time for cluster A4.
•Start number 32 was manually annotated 2 times for cluster A4.

•Start number 40 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:
•Start number 8 was manually annotated 38 times for cluster A5.
•Start number 20 was manually annotated 1 time for cluster A5.
•Start number 36 was manually annotated 1 time for cluster A5.

Info for manual annotations of cluster A6:
•Start number 8 was manually annotated 46 times for cluster A6.
•Start number 20 was manually annotated 1 time for cluster A6.
•Start number 36 was manually annotated 3 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 8 was manually annotated 2 times for cluster A7.
•Start number 23 was manually annotated 1 time for cluster A7.
•Start number 40 was manually annotated 2 times for cluster A7.

Info for manual annotations of cluster A8:
•Start number 8 was manually annotated 12 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 8 was manually annotated 33 times for cluster A9.
•Start number 25 was manually annotated 5 times for cluster A9.
•Start number 40 was manually annotated 8 times for cluster A9.

Info for manual annotations of cluster BD1:
•Start number 6 was manually annotated 24 times for cluster BD1.
•Start number 8 was manually annotated 15 times for cluster BD1.
•Start number 36 was manually annotated 14 times for cluster BD1.
•Start number 51 was manually annotated 2 times for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 5 was manually annotated 33 times for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 6 was manually annotated 15 times for cluster BD3.
•Start number 8 was manually annotated 1 time for cluster BD3.

Info for manual annotations of cluster BD4:
•Start number 8 was manually annotated 2 times for cluster BD4.
•Start number 42 was manually annotated 1 time for cluster BD4.

Info for manual annotations of cluster BD6:
•Start number 6 was manually annotated 1 time for cluster BD6.
•Start number 8 was manually annotated 1 time for cluster BD6.
•Start number 35 was manually annotated 2 times for cluster BD6.

Info for manual annotations of cluster BF:
•Start number 8 was manually annotated 23 times for cluster BF.

Info for manual annotations of cluster BT:
•Start number 7 was manually annotated 2 times for cluster BT.
•Start number 15 was manually annotated 1 time for cluster BT.

Info for manual annotations of cluster BU:
•Start number 4 was manually annotated 1 time for cluster BU.
•Start number 12 was manually annotated 44 times for cluster BU.

Info for manual annotations of cluster CA:
•Start number 8 was manually annotated 31 times for cluster CA.
•Start number 40 was manually annotated 3 times for cluster CA.
•Start number 51 was manually annotated 2 times for cluster CA.

Info for manual annotations of cluster JN:
•Start number 10 was manually annotated 1 time for cluster JN.
•Start number 31 was manually annotated 1 time for cluster JN.

Gene Information:

Gene: 20ES_62 Start: 39206, Stop: 38721, Start Num: 36
Candidate Starts for 20ES_62:
(Start: 20 @39260 has 32 MA's), (Start: 36 @39206 has 23 MA's), (Start: 45 @39149 has 2 MA's), (60, 39065), (68, 39005), (78, 38945), (79, 38939), (86, 38879), (90, 38846), (94, 38828), (102, 38792),

Gene: 40AC_60 Start: 40016, Stop: 39528, Start Num: 36
Candidate Starts for 40AC_60:
(Start: 20 @40070 has 32 MA's), (Start: 36 @40016 has 23 MA's), (Start: 45 @39959 has 2 MA's), (59, 39881), (60, 39875), (68, 39815), (81, 39734), (86, 39689), (90, 39656), (94, 39638), (102, 39602), (115, 39545),

Gene: A6_50 Start: 37463, Stop: 36942, Start Num: 28
Candidate Starts for A6_50:
(Start: 28 @37463 has 135 MA's), (Start: 36 @37439 has 23 MA's), (Start: 40 @37412 has 29 MA's), (Start: 42 @37400 has 5 MA's), (Start: 50 @37352 has 1 MA's), (72, 37202), (86, 37106), (90, 37073), (94, 37055), (102, 37019), (109, 36989),

Gene: ACFishhook_61 Start: 38856, Stop: 38197, Start Num: 8
Candidate Starts for ACFishhook_61:
(Start: 8 @38856 has 629 MA's), (Start: 20 @38763 has 32 MA's), (Start: 32 @38709 has 2 MA's), (Start: 36 @38697 has 23 MA's), (Start: 40 @38670 has 29 MA's), (59, 38550), (75, 38442), (78, 38424), (79, 38418), (90, 38325), (94, 38307), (102, 38271), (107, 38253), (109, 38241),

Gene: AFIS_52 Start: 38222, Stop: 37578, Start Num: 11
Candidate Starts for AFIS_52:
(Start: 11 @38222 has 29 MA's), (Start: 28 @38099 has 135 MA's), (Start: 40 @38048 has 29 MA's), (Start: 42 @38036 has 5 MA's), (57, 37955), (62, 37907), (67, 37886), (68, 37868), (78, 37808), (86, 37742), (90, 37709), (94, 37691), (102, 37655), (109, 37625),

Gene: AN3_62 Start: 37975, Stop: 37436, Start Num: 20
Candidate Starts for AN3_62:
(Start: 20 @37975 has 32 MA's), (Start: 36 @37921 has 23 MA's), (Start: 45 @37864 has 2 MA's), (60, 37780), (68, 37720), (79, 37654), (86, 37594), (90, 37561), (94, 37543), (102, 37507),

Gene: AN9_62 Start: 39337, Stop: 38705, Start Num: 8

Candidate Starts for AN9_62:
(Start: 8 @39337 has 629 MA's), (Start: 20 @39244 has 32 MA's), (Start: 36 @39190 has 23 MA's), (Start: 40 @39163 has 29 MA's), (Start: 45 @39133 has 2 MA's), (59, 39055), (60, 39049), (68, 38989), (81, 38908), (86, 38863), (90, 38830), (94, 38812), (102, 38776),

Gene: ANI8_62 Start: 39337, Stop: 38705, Start Num: 8
Candidate Starts for ANI8_62:
(Start: 8 @39337 has 629 MA's), (Start: 20 @39244 has 32 MA's), (Start: 36 @39190 has 23 MA's), (Start: 40 @39163 has 29 MA's), (Start: 45 @39133 has 2 MA's), (59, 39055), (60, 39049), (68, 38989), (81, 38908), (86, 38863), (90, 38830), (94, 38812), (102, 38776),

Gene: ATCC29399BC_30 Start: 21324, Stop: 20653, Start Num: 12
Candidate Starts for ATCC29399BC_30:
(Start: 12 @21324 has 45 MA's), (Start: 51 @21072 has 4 MA's), (63, 20979), (66, 20970), (68, 20949), (74, 20913), (92, 20784), (100, 20742), (112, 20685), (116, 20664),

Gene: ATCC29399BT_30 Start: 21324, Stop: 20653, Start Num: 12
Candidate Starts for ATCC29399BT_30:
(Start: 12 @21324 has 45 MA's), (Start: 51 @21072 has 4 MA's), (63, 20979), (66, 20970), (68, 20949), (74, 20913), (92, 20784), (100, 20742), (112, 20685), (116, 20664),

Gene: Aaronocolus_39 Start: 27976, Stop: 28482, Start Num: 36
Candidate Starts for Aaronocolus_39:
(Start: 6 @27817 has 40 MA's), (Start: 8 @27832 has 629 MA's), (Start: 10 @27835 has 1 MA's), (Start: 36 @27976 has 23 MA's), (Start: 51 @28060 has 4 MA's), (59, 28117), (60, 28123), (62, 28144), (63, 28153), (70, 28189), (72, 28213), (75, 28225), (77, 28234), (78, 28243), (83, 28288), (101, 28390), (106, 28411), (115, 28459),

Gene: AbbyPaige_61 Start: 39407, Stop: 38775, Start Num: 8
Candidate Starts for AbbyPaige_61:
(Start: 8 @39407 has 629 MA's), (Start: 20 @39314 has 32 MA's), (Start: 36 @39260 has 23 MA's), (Start: 45 @39203 has 2 MA's), (60, 39119), (68, 39059), (78, 38999), (86, 38933), (90, 38900), (102, 38846),

Gene: AbbysRanger_54 Start: 38106, Stop: 37447, Start Num: 8
Candidate Starts for AbbysRanger_54:
(Start: 8 @38106 has 629 MA's), (Start: 20 @38013 has 32 MA's), (Start: 24 @37995 has 1 MA's), (Start: 32 @37959 has 2 MA's), (Start: 36 @37947 has 23 MA's), (Start: 40 @37920 has 29 MA's), (Start: 43 @37905 has 1 MA's), (59, 37800), (78, 37674), (81, 37653), (82, 37638), (94, 37557), (102, 37521), (117, 37455),

Gene: Abbyshoes_57 Start: 39710, Stop: 39186, Start Num: 28
Candidate Starts for Abbyshoes_57:
(Start: 28 @39710 has 135 MA's), (Start: 36 @39686 has 23 MA's), (Start: 40 @39659 has 29 MA's), (Start: 42 @39647 has 5 MA's), (Start: 50 @39599 has 1 MA's), (66, 39500), (72, 39449), (86, 39353), (87, 39350), (90, 39320), (94, 39302), (102, 39266), (109, 39233), (110, 39230),

Gene: Abdiel_55 Start: 38140, Stop: 37481, Start Num: 8
Candidate Starts for Abdiel_55:
(Start: 8 @38140 has 629 MA's), (Start: 20 @38047 has 32 MA's), (Start: 24 @38029 has 1 MA's), (Start: 32 @37993 has 2 MA's), (Start: 36 @37981 has 23 MA's), (Start: 40 @37954 has 29 MA's), (Start: 43 @37939 has 1 MA's), (59, 37834), (78, 37708), (79, 37702), (81, 37687), (82, 37672), (94, 37591), (100, 37564), (102, 37555), (117, 37489),

Gene: Abrogate_540 Start: 40093, Stop: 39515, Start Num: 19
Candidate Starts for Abrogate_540:
(Start: 19 @40093 has 39 MA's), (Start: 28 @40036 has 135 MA's), (Start: 36 @40012 has 23 MA's), (Start: 40 @39985 has 29 MA's), (Start: 42 @39973 has 5 MA's), (Start: 50 @39925 has 1 MA's), (72, 39775), (86, 39679), (87, 39676), (90, 39646), (94, 39628), (102, 39592), (109, 39562),

Gene: Achebe_53 Start: 38089, Stop: 37430, Start Num: 8
Candidate Starts for Achebe_53:
(Start: 8 @38089 has 629 MA's), (Start: 20 @37996 has 32 MA's), (Start: 24 @37978 has 1 MA's), (Start: 32 @37942 has 2 MA's), (Start: 36 @37930 has 23 MA's), (Start: 40 @37903 has 29 MA's), (Start: 43 @37888 has 1 MA's), (59, 37783), (78, 37657), (81, 37636), (82, 37621), (94, 37540), (102, 37504), (117, 37438),

Gene: Acme_56 Start: 38690, Stop: 38112, Start Num: 19
Candidate Starts for Acme_56:
(Start: 19 @38690 has 39 MA's), (Start: 28 @38633 has 135 MA's), (Start: 36 @38609 has 23 MA's), (Start: 40 @38582 has 29 MA's), (Start: 42 @38570 has 5 MA's), (Start: 50 @38522 has 1 MA's), (72, 38372), (86, 38276), (87, 38273), (90, 38243), (94, 38225), (102, 38189), (109, 38159),

Gene: Acolyte_54 Start: 38229, Stop: 37597, Start Num: 8
Candidate Starts for Acolyte_54:
(Start: 8 @38229 has 629 MA's), (Start: 20 @38136 has 32 MA's), (Start: 36 @38082 has 23 MA's), (Start: 40 @38055 has 29 MA's), (Start: 45 @38025 has 2 MA's), (59, 37947), (60, 37941), (68, 37881), (81, 37800), (102, 37668), (109, 37638), (110, 37635),

Gene: Adahisdi_55 Start: 39766, Stop: 39242, Start Num: 28
Candidate Starts for Adahisdi_55:
(Start: 28 @39766 has 135 MA's), (Start: 36 @39742 has 23 MA's), (Start: 40 @39715 has 29 MA's), (Start: 42 @39703 has 5 MA's), (Start: 50 @39655 has 1 MA's), (66, 39556), (72, 39505), (86, 39409), (90, 39376), (94, 39358), (102, 39322), (109, 39289), (110, 39286),

Gene: Adzzy_60 Start: 37879, Stop: 37247, Start Num: 8
Candidate Starts for Adzzy_60:
(Start: 8 @37879 has 629 MA's), (Start: 20 @37786 has 32 MA's), (Start: 36 @37732 has 23 MA's), (Start: 40 @37705 has 29 MA's), (Start: 45 @37675 has 2 MA's), (59, 37597), (75, 37489), (80, 37456), (81, 37450), (82, 37435), (86, 37405), (89, 37396), (90, 37372), (94, 37354), (102, 37318),

Gene: Aeneas_57 Start: 39983, Stop: 39459, Start Num: 28
Candidate Starts for Aeneas_57:
(Start: 28 @39983 has 135 MA's), (Start: 36 @39959 has 23 MA's), (Start: 40 @39932 has 29 MA's), (Start: 42 @39920 has 5 MA's), (Start: 50 @39872 has 1 MA's), (66, 39773), (72, 39722), (86, 39626), (90, 39593), (94, 39575), (102, 39539), (109, 39506), (110, 39503),

Gene: Agaliana_50 Start: 36301, Stop: 35780, Start Num: 28
Candidate Starts for Agaliana_50:
(Start: 28 @36301 has 135 MA's), (Start: 36 @36277 has 23 MA's), (Start: 40 @36250 has 29 MA's), (Start: 42 @36238 has 5 MA's), (Start: 50 @36190 has 1 MA's), (66, 36091), (72, 36040), (86, 35944), (90, 35911), (94, 35893), (102, 35857), (109, 35827),

Gene: Agape74_61 Start: 39401, Stop: 38769, Start Num: 8
Candidate Starts for Agape74_61:

(Start: 8 @39401 has 629 MA's), (Start: 20 @39308 has 32 MA's), (Start: 36 @39254 has 23 MA's), (Start: 45 @39197 has 2 MA's), (60, 39113), (68, 39053), (78, 38993), (86, 38927), (90, 38894), (102, 38840),

Gene: AgentM_52 Start: 38130, Stop: 37471, Start Num: 8
Candidate Starts for AgentM_52:
(Start: 8 @38130 has 629 MA's), (Start: 20 @38037 has 32 MA's), (Start: 24 @38019 has 1 MA's), (Start: 32 @37977 has 2 MA's), (Start: 36 @37965 has 23 MA's), (Start: 40 @37938 has 29 MA's), (Start: 42 @37926 has 5 MA's), (68, 37764), (79, 37698), (82, 37668), (86, 37638), (88, 37632), (90, 37605), (94, 37587), (100, 37560), (102, 37551), (107, 37533), (109, 37521), (110, 37518),

Gene: Aglet_63 Start: 38899, Stop: 38240, Start Num: 8
Candidate Starts for Aglet_63:
(Start: 8 @38899 has 629 MA's), (Start: 20 @38806 has 32 MA's), (Start: 32 @38752 has 2 MA's), (Start: 36 @38740 has 23 MA's), (Start: 40 @38713 has 29 MA's), (59, 38593), (75, 38485), (78, 38467), (79, 38461), (94, 38350), (102, 38314), (107, 38296), (109, 38284),

Gene: AgronaGT15_61 Start: 38747, Stop: 38088, Start Num: 8
Candidate Starts for AgronaGT15_61:
(Start: 8 @38747 has 629 MA's), (Start: 20 @38654 has 32 MA's), (Start: 32 @38600 has 2 MA's), (Start: 36 @38588 has 23 MA's), (Start: 40 @38561 has 29 MA's), (59, 38441), (75, 38333), (78, 38315), (79, 38309), (94, 38198), (102, 38162), (107, 38144), (109, 38132),

Gene: Airmid_54 Start: 38274, Stop: 37612, Start Num: 8
Candidate Starts for Airmid_54:
(Start: 8 @38274 has 629 MA's), (Start: 20 @38181 has 32 MA's), (Start: 24 @38163 has 1 MA's), (Start: 32 @38121 has 2 MA's), (Start: 36 @38109 has 23 MA's), (Start: 40 @38082 has 29 MA's), (Start: 42 @38070 has 5 MA's), (Start: 43 @38067 has 1 MA's), (68, 37905), (79, 37839), (81, 37824), (82, 37809), (86, 37779), (88, 37773), (90, 37746), (94, 37728), (100, 37701), (102, 37692), (107, 37674), (109, 37662), (110, 37659),

Gene: Ajay_56 Start: 39761, Stop: 39240, Start Num: 28
Candidate Starts for Ajay_56:
(Start: 28 @39761 has 135 MA's), (Start: 36 @39737 has 23 MA's), (Start: 40 @39710 has 29 MA's), (Start: 42 @39698 has 5 MA's), (Start: 50 @39650 has 1 MA's), (72, 39500), (86, 39404), (87, 39401), (90, 39371), (94, 39353), (102, 39317), (109, 39287),

Gene: Alatin_47 Start: 35347, Stop: 34688, Start Num: 8
Candidate Starts for Alatin_47:
(Start: 8 @35347 has 629 MA's), (Start: 25 @35224 has 5 MA's), (Start: 36 @35188 has 23 MA's), (Start: 40 @35161 has 29 MA's), (Start: 45 @35131 has 2 MA's), (Start: 50 @35101 has 1 MA's), (Start: 51 @35098 has 4 MA's), (52, 35092), (59, 35041), (66, 34996), (68, 34975), (78, 34915), (79, 34909), (107, 34744), (110, 34729),

Gene: Albee_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Albee_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Alberto7_56 Start: 38476, Stop: 37817, Start Num: 8
Candidate Starts for Alberto7_56:

(Start: 8 @38476 has 629 MA's), (Start: 20 @38383 has 32 MA's), (Start: 24 @38365 has 1 MA's), (Start: 32 @38329 has 2 MA's), (Start: 36 @38317 has 23 MA's), (Start: 40 @38290 has 29 MA's), (Start: 43 @38275 has 1 MA's), (59, 38170), (78, 38044), (79, 38038), (81, 38023), (82, 38008), (94, 37927), (100, 37900), (102, 37891), (117, 37825),

Gene: Aldrich_54 Start: 39331, Stop: 38810, Start Num: 28
Candidate Starts for Aldrich_54:
(Start: 28 @39331 has 135 MA's), (Start: 36 @39307 has 23 MA's), (Start: 40 @39280 has 29 MA's), (Start: 42 @39268 has 5 MA's), (Start: 50 @39220 has 1 MA's), (66, 39121), (72, 39070), (86, 38974), (90, 38941), (94, 38923), (102, 38887), (109, 38857),

Gene: Aliter_59 Start: 38782, Stop: 38153, Start Num: 8
Candidate Starts for Aliter_59:
(Start: 8 @38782 has 629 MA's), (Start: 20 @38689 has 32 MA's), (Start: 25 @38665 has 5 MA's), (Start: 36 @38641 has 23 MA's), (Start: 40 @38614 has 29 MA's), (Start: 43 @38599 has 1 MA's), (59, 38503), (60, 38497), (66, 38458), (68, 38437), (79, 38371), (86, 38311), (90, 38278), (102, 38224),

Gene: Alma_59 Start: 38989, Stop: 38528, Start Num: 40
Candidate Starts for Alma_59:
(Start: 8 @39157 has 629 MA's), (Start: 20 @39064 has 32 MA's), (Start: 25 @39040 has 5 MA's), (Start: 36 @39016 has 23 MA's), (Start: 40 @38989 has 29 MA's), (Start: 43 @38974 has 1 MA's), (59, 38878), (60, 38872), (66, 38833), (68, 38812), (79, 38746), (86, 38686), (90, 38653), (102, 38599), (109, 38569), (110, 38566),

Gene: Alpacados_47 Start: 35249, Stop: 34590, Start Num: 8
Candidate Starts for Alpacados_47:
(Start: 8 @35249 has 629 MA's), (Start: 25 @35126 has 5 MA's), (Start: 36 @35090 has 23 MA's), (Start: 40 @35063 has 29 MA's), (Start: 45 @35033 has 2 MA's), (Start: 50 @35003 has 1 MA's), (Start: 51 @35000 has 4 MA's), (52, 34994), (59, 34943), (66, 34898), (68, 34877), (79, 34811), (107, 34646), (110, 34631),

Gene: Alsaber_41 Start: 29707, Stop: 30372, Start Num: 6
Candidate Starts for Alsaber_41:
(Start: 6 @29707 has 40 MA's), (Start: 8 @29722 has 629 MA's), (Start: 51 @29950 has 4 MA's), (59, 30007), (60, 30013), (62, 30034), (63, 30043), (72, 30103), (73, 30106), (75, 30115), (83, 30178), (86, 30199), (101, 30280), (106, 30301),

Gene: Alsfro_59 Start: 39337, Stop: 38813, Start Num: 28
Candidate Starts for Alsfro_59:
(Start: 28 @39337 has 135 MA's), (Start: 36 @39313 has 23 MA's), (Start: 40 @39286 has 29 MA's), (Start: 42 @39274 has 5 MA's), (Start: 50 @39226 has 1 MA's), (72, 39076), (86, 38980), (87, 38977), (90, 38947), (94, 38929), (102, 38893),

Gene: Altman_58 Start: 39953, Stop: 39432, Start Num: 28
Candidate Starts for Altman_58:
(Start: 28 @39953 has 135 MA's), (Start: 36 @39929 has 23 MA's), (Start: 40 @39902 has 29 MA's), (Start: 42 @39890 has 5 MA's), (Start: 50 @39842 has 1 MA's), (66, 39743), (72, 39692), (86, 39596), (90, 39563), (94, 39545), (102, 39509), (109, 39479),

Gene: Alvin_54 Start: 39086, Stop: 38565, Start Num: 28
Candidate Starts for Alvin_54:
(Start: 28 @39086 has 135 MA's), (Start: 36 @39062 has 23 MA's), (Start: 40 @39035 has 29 MA's), (Start: 42 @39023 has 5 MA's), (Start: 50 @38975 has 1 MA's), (72, 38825), (86, 38729), (87, 38726),

(90, 38696), (94, 38678), (102, 38642), (109, 38612),

Gene: Alvy_42 Start: 29365, Stop: 30027, Start Num: 5
Candidate Starts for Alvy_42:
(2, 29038), (3, 29095), (Start: 5 @29365 has 33 MA's), (14, 29413), (21, 29476), (Start: 42 @29566 has 5 MA's), (Start: 51 @29611 has 4 MA's), (62, 29695), (81, 29815), (83, 29839), (101, 29941), (108, 29974),

Gene: Amela_40 Start: 30514, Stop: 31179, Start Num: 6
Candidate Starts for Amela_40:
(Start: 6 @30514 has 40 MA's), (Start: 8 @30529 has 629 MA's), (21, 30622), (Start: 51 @30757 has 4 MA's), (59, 30814), (60, 30820), (62, 30841), (63, 30850), (72, 30910), (75, 30922), (83, 30985), (101, 31087), (106, 31108),

Gene: Amethyst_39 Start: 28730, Stop: 29392, Start Num: 5
Candidate Starts for Amethyst_39:
(2, 28406), (3, 28463), (Start: 5 @28730 has 33 MA's), (14, 28778), (21, 28841), (Start: 42 @28931 has 5 MA's), (Start: 51 @28976 has 4 MA's), (62, 29060), (81, 29180), (83, 29204), (86, 29225), (101, 29306), (106, 29324), (108, 29339), (115, 29372),

Gene: Anaysia_66 Start: 38505, Stop: 37873, Start Num: 8
Candidate Starts for Anaysia_66:
(Start: 8 @38505 has 629 MA's), (Start: 12 @38487 has 45 MA's), (Start: 20 @38412 has 32 MA's), (Start: 40 @38334 has 29 MA's), (Start: 43 @38319 has 1 MA's), (Start: 45 @38304 has 2 MA's), (65, 38184), (66, 38181), (77, 38109), (81, 38079), (90, 38001), (102, 37947),

Gene: Andris_39 Start: 28789, Stop: 29460, Start Num: 5
Candidate Starts for Andris_39:
(Start: 5 @28789 has 33 MA's), (14, 28837), (18, 28873), (27, 28930), (Start: 42 @28990 has 5 MA's), (Start: 51 @29035 has 4 MA's), (54, 29050), (62, 29119), (81, 29239), (83, 29263), (86, 29284), (101, 29365), (113, 29419),

Gene: Aneem_60 Start: 38660, Stop: 38013, Start Num: 8
Candidate Starts for Aneem_60:
(Start: 8 @38660 has 629 MA's), (Start: 20 @38567 has 32 MA's), (Start: 36 @38513 has 23 MA's), (Start: 40 @38486 has 29 MA's), (Start: 45 @38456 has 2 MA's), (60, 38360), (68, 38300), (79, 38234), (81, 38219), (86, 38174), (89, 38165), (90, 38141), (102, 38087), (110, 38054),

Gene: Anglerfish_56 Start: 40119, Stop: 39475, Start Num: 11
Candidate Starts for Anglerfish_56:
(Start: 11 @40119 has 29 MA's), (Start: 28 @39996 has 135 MA's), (Start: 40 @39945 has 29 MA's), (Start: 42 @39933 has 5 MA's), (62, 39804), (67, 39783), (68, 39765), (86, 39639), (90, 39606), (94, 39588), (102, 39552), (109, 39522),

Gene: AngryOrchard_46 Start: 35409, Stop: 34750, Start Num: 8
Candidate Starts for AngryOrchard_46:
(Start: 8 @35409 has 629 MA's), (Start: 25 @35286 has 5 MA's), (Start: 36 @35250 has 23 MA's), (Start: 40 @35223 has 29 MA's), (Start: 45 @35193 has 2 MA's), (Start: 50 @35163 has 1 MA's), (Start: 51 @35160 has 4 MA's), (52, 35154), (59, 35103), (66, 35058), (78, 34977), (79, 34971), (107, 34806), (110, 34791),

Gene: Animus_39 Start: 29205, Stop: 29864, Start Num: 5
Candidate Starts for Animus_39:

(Start: 5 @29205 has 33 MA's), (14, 29253), (21, 29316), (Start: 42 @29406 has 5 MA's), (62, 29535), (81, 29655), (83, 29679), (86, 29700), (101, 29781),

Gene: AnnaL29_61 Start: 39576, Stop: 39133, Start Num: 43
Candidate Starts for AnnaL29_61:
(Start: 8 @39765 has 629 MA's), (Start: 20 @39672 has 32 MA's), (Start: 36 @39618 has 23 MA's), (Start: 43 @39576 has 1 MA's), (55, 39507), (59, 39483), (60, 39477), (66, 39438), (68, 39417), (78, 39357), (81, 39336), (86, 39291), (90, 39258), (94, 39240), (102, 39204),

Gene: Annyong_55 Start: 38184, Stop: 37525, Start Num: 8
Candidate Starts for Annyong_55:
(Start: 8 @38184 has 629 MA's), (Start: 20 @38091 has 32 MA's), (Start: 24 @38073 has 1 MA's), (Start: 32 @38037 has 2 MA's), (Start: 36 @38025 has 23 MA's), (Start: 40 @37998 has 29 MA's), (Start: 43 @37983 has 1 MA's), (59, 37878), (78, 37752), (79, 37746), (81, 37731), (82, 37716), (94, 37635), (100, 37608), (102, 37599), (117, 37533),

Gene: Anon_64 Start: 38266, Stop: 37637, Start Num: 9
Candidate Starts for Anon_64:
(Start: 9 @38266 has 3 MA's), (Start: 20 @38176 has 32 MA's), (Start: 36 @38125 has 23 MA's), (Start: 40 @38098 has 29 MA's), (Start: 45 @38068 has 2 MA's), (59, 37990), (60, 37984), (81, 37843), (86, 37798), (89, 37789), (102, 37711),

Gene: Anselm_60 Start: 39308, Stop: 38676, Start Num: 8
Candidate Starts for Anselm_60:
(Start: 8 @39308 has 629 MA's), (Start: 20 @39215 has 32 MA's), (Start: 36 @39161 has 23 MA's), (Start: 45 @39104 has 2 MA's), (60, 39020), (68, 38960), (78, 38900), (86, 38834), (90, 38801), (102, 38747),

Gene: Anthony_56 Start: 37074, Stop: 36427, Start Num: 8
Candidate Starts for Anthony_56:
(Start: 8 @37074 has 629 MA's), (Start: 20 @36981 has 32 MA's), (Start: 28 @36939 has 135 MA's), (Start: 32 @36927 has 2 MA's), (Start: 36 @36915 has 23 MA's), (Start: 50 @36828 has 1 MA's), (Start: 51 @36825 has 4 MA's), (59, 36780), (72, 36684), (90, 36555), (98, 36525), (115, 36444),

Gene: Anubis_65 Start: 38785, Stop: 38126, Start Num: 8
Candidate Starts for Anubis_65:
(Start: 8 @38785 has 629 MA's), (Start: 20 @38692 has 32 MA's), (Start: 32 @38638 has 2 MA's), (Start: 36 @38626 has 23 MA's), (Start: 40 @38599 has 29 MA's), (59, 38479), (75, 38371), (78, 38353), (79, 38347), (94, 38236), (102, 38200), (107, 38182), (109, 38170),

Gene: AppleCloud_45 Start: 35074, Stop: 34415, Start Num: 8
Candidate Starts for AppleCloud_45:
(Start: 8 @35074 has 629 MA's), (Start: 25 @34951 has 5 MA's), (Start: 36 @34915 has 23 MA's), (Start: 40 @34888 has 29 MA's), (Start: 45 @34858 has 2 MA's), (Start: 50 @34828 has 1 MA's), (Start: 51 @34825 has 4 MA's), (52, 34819), (59, 34768), (66, 34723), (68, 34702), (79, 34636), (107, 34471), (110, 34456),

Gene: Applejack_49 Start: 35923, Stop: 35402, Start Num: 28
Candidate Starts for Applejack_49:
(Start: 28 @35923 has 135 MA's), (Start: 36 @35899 has 23 MA's), (Start: 40 @35872 has 29 MA's), (Start: 42 @35860 has 5 MA's), (Start: 50 @35812 has 1 MA's), (66, 35713), (72, 35662), (86, 35566), (90, 35533), (94, 35515), (102, 35479), (109, 35449),

Gene: Aquarius_30 Start: 20797, Stop: 20126, Start Num: 12
Candidate Starts for Aquarius_30:
(Start: 12 @20797 has 45 MA's), (Start: 45 @20584 has 2 MA's), (Start: 51 @20545 has 4 MA's), (63, 20452), (66, 20443), (72, 20392), (92, 20257), (100, 20215), (112, 20158), (116, 20137),

Gene: Aragog_52 Start: 38150, Stop: 37491, Start Num: 8
Candidate Starts for Aragog_52:
(Start: 8 @38150 has 629 MA's), (Start: 20 @38057 has 32 MA's), (Start: 24 @38039 has 1 MA's), (Start: 32 @37997 has 2 MA's), (Start: 36 @37985 has 23 MA's), (Start: 40 @37958 has 29 MA's), (Start: 42 @37946 has 5 MA's), (68, 37784), (79, 37718), (82, 37688), (86, 37658), (88, 37652), (90, 37625), (94, 37607), (100, 37580), (102, 37571), (107, 37553), (109, 37541), (110, 37538),

Gene: Arcanine_56 Start: 39739, Stop: 39092, Start Num: 11
Candidate Starts for Arcanine_56:
(Start: 11 @39739 has 29 MA's), (Start: 28 @39616 has 135 MA's), (Start: 40 @39565 has 29 MA's), (Start: 42 @39553 has 5 MA's), (62, 39424), (67, 39403), (68, 39385), (86, 39259), (87, 39256), (90, 39226), (94, 39208), (102, 39172), (109, 39139), (110, 39136),

Gene: ArcherNM_54 Start: 38767, Stop: 38135, Start Num: 8
Candidate Starts for ArcherNM_54:
(Start: 8 @38767 has 629 MA's), (Start: 20 @38674 has 32 MA's), (29, 38638), (Start: 36 @38620 has 23 MA's), (Start: 45 @38563 has 2 MA's), (59, 38485), (60, 38479), (66, 38440), (68, 38419), (81, 38338), (86, 38293), (90, 38260), (94, 38242), (102, 38206),

Gene: Archetta_52 Start: 38560, Stop: 37901, Start Num: 8
Candidate Starts for Archetta_52:
(Start: 8 @38560 has 629 MA's), (Start: 20 @38467 has 32 MA's), (Start: 24 @38449 has 1 MA's), (Start: 32 @38407 has 2 MA's), (Start: 36 @38395 has 23 MA's), (Start: 40 @38368 has 29 MA's), (Start: 42 @38356 has 5 MA's), (68, 38194), (79, 38128), (82, 38098), (86, 38068), (88, 38062), (90, 38035), (94, 38017), (100, 37990), (102, 37981), (107, 37963), (109, 37951), (110, 37948),

Gene: Arissanae_58 Start: 39470, Stop: 38844, Start Num: 8
Candidate Starts for Arissanae_58:
(Start: 8 @39470 has 629 MA's), (Start: 15 @39434 has 1 MA's), (Start: 20 @39377 has 32 MA's), (Start: 36 @39329 has 23 MA's), (Start: 40 @39302 has 29 MA's), (Start: 45 @39272 has 2 MA's), (59, 39194), (60, 39188), (68, 39128), (75, 39086), (81, 39047), (86, 39002), (90, 38969), (102, 38915),

Gene: Arlo_53 Start: 38163, Stop: 37642, Start Num: 28
Candidate Starts for Arlo_53:
(Start: 11 @38286 has 29 MA's), (Start: 28 @38163 has 135 MA's), (Start: 40 @38112 has 29 MA's), (Start: 42 @38100 has 5 MA's), (62, 37971), (67, 37950), (68, 37932), (86, 37806), (87, 37803), (90, 37773), (94, 37755), (102, 37719), (109, 37689),

Gene: Artemis2UCLA_61 Start: 37835, Stop: 37203, Start Num: 8
Candidate Starts for Artemis2UCLA_61:
(Start: 8 @37835 has 629 MA's), (Start: 20 @37742 has 32 MA's), (Start: 36 @37688 has 23 MA's), (Start: 45 @37631 has 2 MA's), (60, 37547), (68, 37487), (86, 37361), (90, 37328), (94, 37310), (102, 37274), (107, 37256), (109, 37244), (110, 37241),

Gene: Arturo_54 Start: 38378, Stop: 37719, Start Num: 8
Candidate Starts for Arturo_54:
(Start: 8 @38378 has 629 MA's), (Start: 20 @38285 has 32 MA's), (Start: 24 @38267 has 1 MA's), (Start: 32 @38231 has 2 MA's), (Start: 36 @38219 has 23 MA's), (Start: 40 @38192 has 29 MA's),

(Start: 43 @38177 has 1 MA's), (59, 38072), (78, 37946), (79, 37940), (81, 37925), (82, 37910), (94, 37829), (102, 37793), (117, 37727),

Gene: Ashballer_57 Start: 39846, Stop: 39322, Start Num: 28
Candidate Starts for Ashballer_57:
(Start: 28 @39846 has 135 MA's), (Start: 36 @39822 has 23 MA's), (Start: 40 @39795 has 29 MA's), (Start: 42 @39783 has 5 MA's), (Start: 50 @39735 has 1 MA's), (66, 39636), (72, 39585), (86, 39489), (90, 39456), (94, 39438), (102, 39402), (109, 39369), (110, 39366),

Gene: Asten_39 Start: 28338, Stop: 28844, Start Num: 36
Candidate Starts for Asten_39:
(Start: 6 @28179 has 40 MA's), (Start: 8 @28194 has 629 MA's), (Start: 10 @28197 has 1 MA's), (Start: 36 @28338 has 23 MA's), (Start: 51 @28422 has 4 MA's), (59, 28479), (60, 28485), (62, 28506), (70, 28551), (72, 28575), (75, 28587), (77, 28596), (78, 28605), (83, 28650), (86, 28671), (101, 28752), (106, 28773), (115, 28821),

Gene: Astro_59 Start: 38151, Stop: 37498, Start Num: 8
Candidate Starts for Astro_59:
(Start: 8 @38151 has 629 MA's), (Start: 20 @38058 has 32 MA's), (Start: 32 @37998 has 2 MA's), (Start: 36 @37986 has 23 MA's), (Start: 40 @37959 has 29 MA's), (49, 37902), (59, 37851), (60, 37845), (81, 37704), (82, 37689), (86, 37659), (90, 37626), (107, 37554), (108, 37545), (110, 37539), (115, 37515),

Gene: Atkinbua_58 Start: 39682, Stop: 39038, Start Num: 11
Candidate Starts for Atkinbua_58:
(Start: 11 @39682 has 29 MA's), (Start: 28 @39559 has 135 MA's), (Start: 40 @39508 has 29 MA's), (Start: 42 @39496 has 5 MA's), (Start: 50 @39448 has 1 MA's), (66, 39349), (72, 39298), (86, 39202), (87, 39199), (90, 39169), (94, 39151), (102, 39115), (109, 39085),

Gene: Attacne_30 Start: 20812, Stop: 20141, Start Num: 12
Candidate Starts for Attacne_30:
(Start: 12 @20812 has 45 MA's), (Start: 45 @20599 has 2 MA's), (Start: 51 @20560 has 4 MA's), (63, 20467), (66, 20458), (72, 20407), (92, 20272), (100, 20230), (112, 20173), (116, 20152),

Gene: AugsMagnumOpus_65 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for AugsMagnumOpus_65:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: AvatarAhPeg_53 Start: 37891, Stop: 37232, Start Num: 8
Candidate Starts for AvatarAhPeg_53:
(Start: 8 @37891 has 629 MA's), (Start: 20 @37798 has 32 MA's), (Start: 24 @37780 has 1 MA's), (Start: 32 @37744 has 2 MA's), (Start: 36 @37732 has 23 MA's), (Start: 40 @37705 has 29 MA's), (Start: 43 @37690 has 1 MA's), (59, 37585), (78, 37459), (81, 37438), (82, 37423), (94, 37342), (100, 37315), (102, 37306), (117, 37240),

Gene: Avle17_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Avle17_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Axiom_40 Start: 28951, Stop: 29613, Start Num: 5
Candidate Starts for Axiom_40:
(1, 28507), (2, 28624), (3, 28681), (Start: 5 @28951 has 33 MA's), (14, 28999), (16, 29014), (18, 29035), (21, 29062), (Start: 42 @29152 has 5 MA's), (Start: 51 @29197 has 4 MA's), (62, 29281), (81, 29401), (83, 29425), (101, 29527), (106, 29545),

Gene: Ayanochan_58 Start: 38940, Stop: 38311, Start Num: 8
Candidate Starts for Ayanochan_58:
(Start: 8 @38940 has 629 MA's), (Start: 20 @38847 has 32 MA's), (Start: 25 @38823 has 5 MA's), (Start: 36 @38799 has 23 MA's), (Start: 40 @38772 has 29 MA's), (Start: 43 @38757 has 1 MA's), (59, 38661), (60, 38655), (66, 38616), (68, 38595), (79, 38529), (86, 38469), (90, 38436), (102, 38382),

Gene: B1_52 Start: 36726, Stop: 36064, Start Num: 8
Candidate Starts for B1_52:
(Start: 8 @36726 has 629 MA's), (Start: 20 @36633 has 32 MA's), (Start: 32 @36579 has 2 MA's), (Start: 36 @36567 has 23 MA's), (Start: 40 @36540 has 29 MA's), (Start: 43 @36525 has 1 MA's), (Start: 51 @36477 has 4 MA's), (59, 36420), (67, 36372), (75, 36312), (78, 36294), (79, 36288), (81, 36273), (82, 36258), (86, 36228), (94, 36177), (102, 36141), (107, 36123), (117, 36075),

Gene: BABullseye_53 Start: 35387, Stop: 34755, Start Num: 8
Candidate Starts for BABullseye_53:
(Start: 8 @35387 has 629 MA's), (Start: 20 @35294 has 32 MA's), (Start: 36 @35240 has 23 MA's), (Start: 45 @35183 has 2 MA's), (59, 35105), (68, 35039), (81, 34958), (86, 34913), (90, 34880), (94, 34862), (102, 34826), (109, 34796), (110, 34793),

Gene: BK1_50 Start: 37463, Stop: 36942, Start Num: 28
Candidate Starts for BK1_50:
(Start: 28 @37463 has 135 MA's), (Start: 36 @37439 has 23 MA's), (Start: 40 @37412 has 29 MA's), (Start: 42 @37400 has 5 MA's), (Start: 50 @37352 has 1 MA's), (72, 37202), (86, 37106), (90, 37073), (94, 37055), (102, 37019), (109, 36989),

Gene: BPBiebs31_56 Start: 39985, Stop: 39524, Start Num: 42
Candidate Starts for BPBiebs31_56:
(Start: 19 @40105 has 39 MA's), (Start: 28 @40048 has 135 MA's), (Start: 36 @40024 has 23 MA's), (Start: 40 @39997 has 29 MA's), (Start: 42 @39985 has 5 MA's), (Start: 50 @39937 has 1 MA's), (72, 39787), (86, 39691), (87, 39688), (90, 39658), (94, 39640), (102, 39604), (109, 39571), (110, 39568),

Gene: Baby16_55 Start: 38150, Stop: 37491, Start Num: 8
Candidate Starts for Baby16_55:
(Start: 8 @38150 has 629 MA's), (Start: 20 @38057 has 32 MA's), (Start: 24 @38039 has 1 MA's), (Start: 32 @38003 has 2 MA's), (Start: 36 @37991 has 23 MA's), (Start: 40 @37964 has 29 MA's), (Start: 43 @37949 has 1 MA's), (59, 37844), (78, 37718), (79, 37712), (81, 37697), (82, 37682), (94, 37601), (100, 37574), (102, 37565), (117, 37499),

Gene: BabyBack_57 Start: 39402, Stop: 38770, Start Num: 8
Candidate Starts for BabyBack_57:
(Start: 8 @39402 has 629 MA's), (Start: 20 @39309 has 32 MA's), (Start: 36 @39255 has 23 MA's), (Start: 45 @39198 has 2 MA's), (59, 39120), (60, 39114), (68, 39054), (79, 38988), (81, 38973), (86, 38928), (90, 38895), (102, 38841),

Gene: BabyJohn_55 Start: 38544, Stop: 37882, Start Num: 8
Candidate Starts for BabyJohn_55:

(Start: 8 @38544 has 629 MA's), (Start: 20 @38451 has 32 MA's), (Start: 32 @38397 has 2 MA's), (Start: 36 @38385 has 23 MA's), (Start: 40 @38358 has 29 MA's), (Start: 43 @38343 has 1 MA's), (Start: 51 @38295 has 4 MA's), (59, 38238), (67, 38190), (75, 38130), (78, 38112), (79, 38106), (81, 38091), (82, 38076), (94, 37995), (102, 37959), (107, 37941), (117, 37893),

Gene: BabyRay_58 Start: 38505, Stop: 37846, Start Num: 8
Candidate Starts for BabyRay_58:
(Start: 8 @38505 has 629 MA's), (Start: 20 @38412 has 32 MA's), (Start: 24 @38394 has 1 MA's), (Start: 32 @38358 has 2 MA's), (Start: 36 @38346 has 23 MA's), (Start: 40 @38319 has 29 MA's), (Start: 51 @38256 has 4 MA's), (59, 38199), (67, 38151), (75, 38091), (78, 38073), (81, 38052), (82, 38037), (94, 37956), (102, 37920), (107, 37902), (117, 37854),

Gene: Bachome_61 Start: 38640, Stop: 37993, Start Num: 8
Candidate Starts for Bachome_61:
(Start: 8 @38640 has 629 MA's), (Start: 20 @38547 has 32 MA's), (Start: 36 @38493 has 23 MA's), (Start: 40 @38466 has 29 MA's), (Start: 45 @38436 has 2 MA's), (60, 38340), (68, 38280), (79, 38214), (81, 38199), (86, 38154), (89, 38145), (90, 38121), (102, 38067), (110, 38034),

Gene: Backyardigan_52 Start: 38122, Stop: 37463, Start Num: 8
Candidate Starts for Backyardigan_52:
(Start: 8 @38122 has 629 MA's), (Start: 20 @38029 has 32 MA's), (Start: 24 @38011 has 1 MA's), (Start: 32 @37975 has 2 MA's), (Start: 36 @37963 has 23 MA's), (Start: 40 @37936 has 29 MA's), (Start: 43 @37921 has 1 MA's), (59, 37816), (78, 37690), (81, 37669), (82, 37654), (94, 37573), (102, 37537), (117, 37471),

Gene: BaconJack_57 Start: 40760, Stop: 40179, Start Num: 19
Candidate Starts for BaconJack_57:
(Start: 19 @40760 has 39 MA's), (Start: 28 @40703 has 135 MA's), (Start: 36 @40679 has 23 MA's), (Start: 40 @40652 has 29 MA's), (Start: 42 @40640 has 5 MA's), (Start: 50 @40592 has 1 MA's), (66, 40493), (72, 40442), (86, 40346), (87, 40343), (90, 40313), (94, 40295), (102, 40259), (109, 40226), (110, 40223),

Gene: Bactobuster_57 Start: 39623, Stop: 39084, Start Num: 20
Candidate Starts for Bactobuster_57:
(Start: 20 @39623 has 32 MA's), (22, 39611), (Start: 36 @39569 has 23 MA's), (Start: 40 @39542 has 29 MA's), (Start: 45 @39512 has 2 MA's), (59, 39434), (60, 39428), (68, 39368), (81, 39287), (86, 39242), (90, 39209), (102, 39155), (109, 39125),

Gene: Badger_53 Start: 38090, Stop: 37431, Start Num: 8
Candidate Starts for Badger_53:
(Start: 8 @38090 has 629 MA's), (Start: 20 @37997 has 32 MA's), (Start: 24 @37979 has 1 MA's), (Start: 32 @37943 has 2 MA's), (Start: 36 @37931 has 23 MA's), (Start: 40 @37904 has 29 MA's), (Start: 43 @37889 has 1 MA's), (59, 37784), (78, 37658), (81, 37637), (82, 37622), (94, 37541), (102, 37505), (117, 37439),

Gene: Baehexic_58 Start: 38879, Stop: 38247, Start Num: 8
Candidate Starts for Baehexic_58:
(Start: 8 @38879 has 629 MA's), (Start: 20 @38786 has 32 MA's), (Start: 36 @38732 has 23 MA's), (Start: 45 @38675 has 2 MA's), (55, 38621), (59, 38597), (60, 38591), (68, 38531), (78, 38471), (81, 38450), (86, 38405), (90, 38372), (102, 38318),

Gene: BangNhom_55 Start: 38542, Stop: 37883, Start Num: 8
Candidate Starts for BangNhom_55:

(Start: 8 @38542 has 629 MA's), (Start: 20 @38449 has 32 MA's), (Start: 32 @38395 has 2 MA's), (Start: 36 @38383 has 23 MA's), (Start: 40 @38356 has 29 MA's), (Start: 43 @38341 has 1 MA's), (59, 38236), (78, 38110), (81, 38089), (82, 38074), (94, 37993), (100, 37966), (102, 37957), (117, 37891),

Gene: Barriga_55 Start: 38273, Stop: 37752, Start Num: 28
Candidate Starts for Barriga_55:
(Start: 28 @38273 has 135 MA's), (Start: 36 @38249 has 23 MA's), (Start: 40 @38222 has 29 MA's), (Start: 42 @38210 has 5 MA's), (Start: 50 @38162 has 1 MA's), (72, 38012), (86, 37916), (90, 37883), (94, 37865), (102, 37829), (109, 37799),

Gene: BarrowTuph_55 Start: 39099, Stop: 38578, Start Num: 28
Candidate Starts for BarrowTuph_55:
(Start: 28 @39099 has 135 MA's), (Start: 36 @39075 has 23 MA's), (Start: 40 @39048 has 29 MA's), (Start: 42 @39036 has 5 MA's), (Start: 50 @38988 has 1 MA's), (72, 38838), (86, 38742), (90, 38709), (94, 38691), (102, 38655), (109, 38625),

Gene: BarryBee_42 Start: 28204, Stop: 28854, Start Num: 8
Candidate Starts for BarryBee_42:
(Start: 6 @28189 has 40 MA's), (Start: 8 @28204 has 629 MA's), (Start: 10 @28207 has 1 MA's), (Start: 36 @28348 has 23 MA's), (Start: 51 @28432 has 4 MA's), (59, 28489), (60, 28495), (62, 28516), (70, 28561), (72, 28585), (75, 28597), (77, 28606), (78, 28615), (83, 28660), (86, 28681), (101, 28762), (106, 28783), (115, 28831),

Gene: BartholomewSD_42 Start: 29364, Stop: 30026, Start Num: 5
Candidate Starts for BartholomewSD_42:
(2, 29037), (3, 29094), (Start: 5 @29364 has 33 MA's), (14, 29412), (21, 29475), (Start: 42 @29565 has 5 MA's), (Start: 51 @29610 has 4 MA's), (62, 29694), (81, 29814), (83, 29838), (101, 29940), (108, 29973),

Gene: Bartimeaus_55 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Bartimeaus_55:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Battleship_68 Start: 38618, Stop: 38079, Start Num: 20
Candidate Starts for Battleship_68:
(Start: 8 @38711 has 629 MA's), (Start: 12 @38693 has 45 MA's), (Start: 20 @38618 has 32 MA's), (Start: 40 @38540 has 29 MA's), (Start: 43 @38525 has 1 MA's), (Start: 45 @38510 has 2 MA's), (65, 38390), (66, 38387), (77, 38315), (81, 38285), (90, 38207), (102, 38153),

Gene: BeardedLady_40 Start: 28085, Stop: 28735, Start Num: 8
Candidate Starts for BeardedLady_40:
(Start: 6 @28070 has 40 MA's), (Start: 8 @28085 has 629 MA's), (Start: 10 @28088 has 1 MA's), (Start: 36 @28229 has 23 MA's), (Start: 51 @28313 has 4 MA's), (59, 28370), (60, 28376), (62, 28397), (63, 28406), (70, 28442), (72, 28466), (75, 28478), (77, 28487), (78, 28496), (83, 28541), (101, 28643), (106, 28664), (115, 28712),

Gene: Beatrix_54 Start: 39979, Stop: 39458, Start Num: 28
Candidate Starts for Beatrix_54:
(Start: 28 @39979 has 135 MA's), (Start: 36 @39955 has 23 MA's), (Start: 40 @39928 has 29 MA's), (Start: 42 @39916 has 5 MA's), (Start: 50 @39868 has 1 MA's), (66, 39769), (72, 39718), (86, 39622),

(90, 39589), (94, 39571), (102, 39535), (109, 39505),

Gene: Beauxregard13_62 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for Beauxregard13_62:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: Beemo_59 Start: 38835, Stop: 38323, Start Num: 25
Candidate Starts for Beemo_59:
(Start: 8 @38952 has 629 MA's), (Start: 20 @38859 has 32 MA's), (Start: 25 @38835 has 5 MA's), (Start: 36 @38811 has 23 MA's), (Start: 40 @38784 has 29 MA's), (Start: 43 @38769 has 1 MA's), (59, 38673), (60, 38667), (66, 38628), (68, 38607), (86, 38481), (90, 38448), (102, 38394), (109, 38364),

Gene: BeesKnees_57 Start: 39132, Stop: 38611, Start Num: 28
Candidate Starts for BeesKnees_57:
(Start: 28 @39132 has 135 MA's), (Start: 36 @39108 has 23 MA's), (Start: 40 @39081 has 29 MA's), (Start: 42 @39069 has 5 MA's), (Start: 50 @39021 has 1 MA's), (66, 38922), (72, 38871), (86, 38775), (87, 38772), (90, 38742), (94, 38724), (95, 38721), (102, 38688), (109, 38658), (110, 38655),

Gene: Belenaria_48 Start: 35222, Stop: 34563, Start Num: 8
Candidate Starts for Belenaria_48:
(Start: 8 @35222 has 629 MA's), (Start: 25 @35099 has 5 MA's), (Start: 36 @35063 has 23 MA's), (Start: 40 @35036 has 29 MA's), (Start: 45 @35006 has 2 MA's), (Start: 50 @34976 has 1 MA's), (Start: 51 @34973 has 4 MA's), (52, 34967), (59, 34916), (66, 34871), (68, 34850), (79, 34784), (107, 34619), (110, 34604),

Gene: Bellris_59 Start: 38615, Stop: 37989, Start Num: 8
Candidate Starts for Bellris_59:
(Start: 8 @38615 has 629 MA's), (Start: 15 @38579 has 1 MA's), (Start: 20 @38522 has 32 MA's), (Start: 36 @38474 has 23 MA's), (Start: 40 @38447 has 29 MA's), (Start: 42 @38435 has 5 MA's), (Start: 45 @38417 has 2 MA's), (59, 38339), (68, 38273), (75, 38231), (78, 38213), (81, 38192), (86, 38147), (90, 38114), (102, 38060),

Gene: BellusTerra_56 Start: 38140, Stop: 37481, Start Num: 8
Candidate Starts for BellusTerra_56:
(Start: 8 @38140 has 629 MA's), (Start: 20 @38047 has 32 MA's), (Start: 24 @38029 has 1 MA's), (Start: 32 @37993 has 2 MA's), (Start: 36 @37981 has 23 MA's), (Start: 40 @37954 has 29 MA's), (Start: 43 @37939 has 1 MA's), (59, 37834), (78, 37708), (79, 37702), (81, 37687), (82, 37672), (94, 37591), (100, 37564), (102, 37555), (117, 37489),

Gene: Benedict_57 Start: 38522, Stop: 37860, Start Num: 8
Candidate Starts for Benedict_57:
(Start: 8 @38522 has 629 MA's), (Start: 20 @38429 has 32 MA's), (Start: 24 @38411 has 1 MA's), (Start: 32 @38369 has 2 MA's), (Start: 36 @38357 has 23 MA's), (Start: 40 @38330 has 29 MA's), (Start: 42 @38318 has 5 MA's), (Start: 43 @38315 has 1 MA's), (68, 38153), (79, 38087), (80, 38078), (82, 38057), (86, 38027), (88, 38021), (90, 37994), (94, 37976), (100, 37949), (102, 37940), (107, 37922), (109, 37910), (110, 37907),

Gene: BengiVuitton_60 Start: 39231, Stop: 38692, Start Num: 20
Candidate Starts for BengiVuitton_60:
(Start: 20 @39231 has 32 MA's), (Start: 36 @39177 has 23 MA's), (Start: 45 @39120 has 2 MA's), (60, 39036), (68, 38976), (79, 38910), (86, 38850), (90, 38817), (94, 38799), (102, 38763),

Gene: BennyP_61 Start: 37905, Stop: 37273, Start Num: 8
Candidate Starts for BennyP_61:
(Start: 8 @37905 has 629 MA's), (Start: 20 @37812 has 32 MA's), (Start: 36 @37758 has 23 MA's), (Start: 45 @37701 has 2 MA's), (60, 37617), (68, 37557), (86, 37431), (90, 37398), (94, 37380), (102, 37344), (107, 37326), (109, 37314), (110, 37311),

Gene: Benvolio_56 Start: 38332, Stop: 37700, Start Num: 8
Candidate Starts for Benvolio_56:
(Start: 8 @38332 has 629 MA's), (Start: 20 @38239 has 32 MA's), (Start: 36 @38185 has 23 MA's), (Start: 45 @38128 has 2 MA's), (60, 38044), (68, 37984), (78, 37924), (86, 37858), (90, 37825), (102, 37771),

Gene: Bethlehem_55 Start: 40567, Stop: 40109, Start Num: 42
Candidate Starts for Bethlehem_55:
(Start: 11 @40753 has 29 MA's), (Start: 28 @40630 has 135 MA's), (Start: 40 @40579 has 29 MA's), (Start: 42 @40567 has 5 MA's), (62, 40438), (67, 40417), (68, 40399), (86, 40273), (90, 40240), (94, 40222), (102, 40186), (109, 40156),

Gene: Bexan_52 Start: 39758, Stop: 39237, Start Num: 28
Candidate Starts for Bexan_52:
(Start: 28 @39758 has 135 MA's), (Start: 36 @39734 has 23 MA's), (Start: 40 @39707 has 29 MA's), (Start: 42 @39695 has 5 MA's), (Start: 50 @39647 has 1 MA's), (66, 39548), (72, 39497), (86, 39401), (87, 39398), (90, 39368), (94, 39350), (97, 39341), (102, 39314), (109, 39284), (110, 39281),

Gene: BiancaTri92_59 Start: 39379, Stop: 38840, Start Num: 20
Candidate Starts for BiancaTri92_59:
(Start: 20 @39379 has 32 MA's), (29, 39343), (Start: 36 @39325 has 23 MA's), (Start: 40 @39298 has 29 MA's), (Start: 45 @39268 has 2 MA's), (59, 39190), (60, 39184), (68, 39124), (78, 39064), (81, 39043), (86, 38998), (90, 38965), (102, 38911),

Gene: Big3_54 Start: 39904, Stop: 39257, Start Num: 11
Candidate Starts for Big3_54:
(Start: 11 @39904 has 29 MA's), (Start: 28 @39781 has 135 MA's), (Start: 40 @39730 has 29 MA's), (Start: 42 @39718 has 5 MA's), (57, 39637), (62, 39589), (67, 39568), (68, 39550), (78, 39490), (86, 39424), (90, 39391), (94, 39373), (102, 39337), (109, 39304), (110, 39301),

Gene: BigMau_56 Start: 38450, Stop: 37977, Start Num: 40
Candidate Starts for BigMau_56:
(Start: 11 @38624 has 29 MA's), (Start: 28 @38501 has 135 MA's), (Start: 40 @38450 has 29 MA's), (Start: 42 @38438 has 5 MA's), (57, 38357), (62, 38309), (67, 38288), (68, 38270), (86, 38144), (90, 38111), (94, 38093), (102, 38057), (109, 38024), (110, 38021),

Gene: BigPaolini_54 Start: 37415, Stop: 36837, Start Num: 19
Candidate Starts for BigPaolini_54:
(Start: 19 @37415 has 39 MA's), (Start: 28 @37358 has 135 MA's), (Start: 36 @37334 has 23 MA's), (Start: 40 @37307 has 29 MA's), (Start: 42 @37295 has 5 MA's), (Start: 50 @37247 has 1 MA's), (66, 37148), (72, 37097), (86, 37001), (87, 36998), (90, 36968), (94, 36950), (102, 36914), (109, 36884),

Gene: Bigchungi_55 Start: 38517, Stop: 37993, Start Num: 28
Candidate Starts for Bigchungi_55:
(Start: 28 @38517 has 135 MA's), (Start: 36 @38493 has 23 MA's), (Start: 40 @38466 has 29 MA's), (Start: 42 @38454 has 5 MA's), (Start: 50 @38406 has 1 MA's), (66, 38307), (72, 38256), (86, 38160),

(87, 38157), (90, 38127), (94, 38109), (102, 38073), (109, 38040), (110, 38037),

Gene: Bigflo_62 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for Bigflo_62:
(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: Bimmel_27 Start: 18690, Stop: 18031, Start Num: 15
Candidate Starts for Bimmel_27:
(Start: 7 @18732 has 2 MA's), (Start: 15 @18690 has 1 MA's), (44, 18489), (47, 18459), (69, 18315), (78, 18258), (90, 18162), (93, 18153), (102, 18108), (108, 18081),

Gene: Bircsak_53 Start: 39877, Stop: 39356, Start Num: 28
Candidate Starts for Bircsak_53:
(Start: 28 @39877 has 135 MA's), (Start: 36 @39853 has 23 MA's), (Start: 40 @39826 has 29 MA's), (Start: 42 @39814 has 5 MA's), (Start: 50 @39766 has 1 MA's), (66, 39667), (72, 39616), (86, 39520), (90, 39487), (94, 39469), (102, 39433), (109, 39403),

Gene: Blackflame_53 Start: 38839, Stop: 38318, Start Num: 28
Candidate Starts for Blackflame_53:
(Start: 28 @38839 has 135 MA's), (Start: 36 @38815 has 23 MA's), (Start: 40 @38788 has 29 MA's), (Start: 42 @38776 has 5 MA's), (Start: 50 @38728 has 1 MA's), (66, 38629), (72, 38578), (86, 38482), (87, 38479), (90, 38449), (94, 38431), (102, 38395), (109, 38365),

Gene: Blackmoor_55 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Blackmoor_55:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: BlessJoy_61 Start: 38261, Stop: 37629, Start Num: 8
Candidate Starts for BlessJoy_61:
(Start: 8 @38261 has 629 MA's), (Start: 20 @38168 has 32 MA's), (Start: 36 @38114 has 23 MA's), (Start: 45 @38057 has 2 MA's), (60, 37973), (68, 37913), (86, 37787), (90, 37754), (94, 37736), (102, 37700), (107, 37682), (109, 37670), (110, 37667),

Gene: Blesser_53 Start: 38744, Stop: 38223, Start Num: 28
Candidate Starts for Blesser_53:
(Start: 28 @38744 has 135 MA's), (Start: 36 @38720 has 23 MA's), (Start: 40 @38693 has 29 MA's), (Start: 42 @38681 has 5 MA's), (Start: 50 @38633 has 1 MA's), (66, 38534), (72, 38483), (86, 38387), (87, 38384), (90, 38354), (94, 38336), (102, 38300), (109, 38270),

Gene: Blinn1_63 Start: 37853, Stop: 37221, Start Num: 8
Candidate Starts for Blinn1_63:
(Start: 8 @37853 has 629 MA's), (Start: 20 @37760 has 32 MA's), (Start: 36 @37706 has 23 MA's), (Start: 45 @37649 has 2 MA's), (59, 37571), (68, 37505), (81, 37424), (86, 37379), (90, 37346), (94, 37328), (102, 37292), (109, 37262), (110, 37259),

Gene: BluSpix_53 Start: 35139, Stop: 34618, Start Num: 28
Candidate Starts for BluSpix_53:

(Start: 28 @35139 has 135 MA's), (Start: 36 @35115 has 23 MA's), (Start: 40 @35088 has 29 MA's), (Start: 42 @35076 has 5 MA's), (Start: 50 @35028 has 1 MA's), (66, 34929), (72, 34878), (86, 34782), (90, 34749), (94, 34731), (102, 34695), (109, 34665),

Gene: Blue_54 Start: 39850, Stop: 39269, Start Num: 19
Candidate Starts for Blue_54:
(Start: 19 @39850 has 39 MA's), (Start: 28 @39793 has 135 MA's), (Start: 36 @39769 has 23 MA's), (Start: 40 @39742 has 29 MA's), (Start: 42 @39730 has 5 MA's), (Start: 50 @39682 has 1 MA's), (66, 39583), (72, 39532), (86, 39436), (87, 39433), (90, 39403), (94, 39385), (102, 39349), (109, 39316), (110, 39313),

Gene: Blue7_62 Start: 37782, Stop: 37297, Start Num: 36
Candidate Starts for Blue7_62:
(Start: 8 @37929 has 629 MA's), (Start: 20 @37836 has 32 MA's), (Start: 36 @37782 has 23 MA's), (Start: 45 @37725 has 2 MA's), (60, 37641), (68, 37581), (86, 37455), (90, 37422), (94, 37404), (102, 37368), (107, 37350), (109, 37338), (110, 37335),

Gene: BlueBird_60 Start: 38549, Stop: 37890, Start Num: 8
Candidate Starts for BlueBird_60:
(Start: 8 @38549 has 629 MA's), (Start: 20 @38456 has 32 MA's), (Start: 32 @38402 has 2 MA's), (Start: 36 @38390 has 23 MA's), (Start: 40 @38363 has 29 MA's), (Start: 43 @38348 has 1 MA's), (Start: 51 @38300 has 4 MA's), (59, 38243), (67, 38195), (78, 38117), (81, 38096), (82, 38081), (94, 38000), (102, 37964), (107, 37946), (117, 37898),

Gene: Bluefalcon_52 Start: 38705, Stop: 38043, Start Num: 8
Candidate Starts for Bluefalcon_52:
(Start: 8 @38705 has 629 MA's), (Start: 20 @38612 has 32 MA's), (Start: 24 @38594 has 1 MA's), (Start: 32 @38552 has 2 MA's), (Start: 36 @38540 has 23 MA's), (Start: 40 @38513 has 29 MA's), (Start: 42 @38501 has 5 MA's), (68, 38336), (79, 38270), (82, 38240), (86, 38210), (88, 38204), (90, 38177), (100, 38132), (102, 38123), (107, 38105), (109, 38093), (110, 38090),

Gene: Bob3_53 Start: 37824, Stop: 37246, Start Num: 19
Candidate Starts for Bob3_53:
(Start: 19 @37824 has 39 MA's), (Start: 28 @37767 has 135 MA's), (Start: 36 @37743 has 23 MA's), (Start: 40 @37716 has 29 MA's), (Start: 42 @37704 has 5 MA's), (Start: 50 @37656 has 1 MA's), (72, 37506), (86, 37410), (87, 37407), (90, 37377), (94, 37359), (102, 37323), (109, 37293),

Gene: BobSwaget_55 Start: 37808, Stop: 37176, Start Num: 8
Candidate Starts for BobSwaget_55:
(Start: 8 @37808 has 629 MA's), (Start: 20 @37715 has 32 MA's), (Start: 36 @37661 has 23 MA's), (Start: 40 @37634 has 29 MA's), (59, 37526), (60, 37520), (68, 37460), (81, 37379), (86, 37334), (90, 37301), (94, 37283), (102, 37247),

Gene: BobbyDazzler_48 Start: 35140, Stop: 34667, Start Num: 40
Candidate Starts for BobbyDazzler_48:
(Start: 8 @35326 has 629 MA's), (Start: 25 @35203 has 5 MA's), (Start: 36 @35167 has 23 MA's), (Start: 40 @35140 has 29 MA's), (Start: 45 @35110 has 2 MA's), (Start: 50 @35080 has 1 MA's), (Start: 51 @35077 has 4 MA's), (52, 35071), (59, 35020), (66, 34975), (68, 34954), (79, 34888), (107, 34723), (110, 34708),

Gene: BogosyJay_58 Start: 38871, Stop: 38245, Start Num: 8
Candidate Starts for BogosyJay_58:

(Start: 8 @38871 has 629 MA's), (Start: 20 @38778 has 32 MA's), (Start: 36 @38730 has 23 MA's), (Start: 40 @38703 has 29 MA's), (59, 38595), (68, 38529), (81, 38448), (86, 38403), (102, 38316),

Gene: Bombshell_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Bombshell_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Bonamassa_53 Start: 38579, Stop: 37920, Start Num: 8
Candidate Starts for Bonamassa_53:
(Start: 8 @38579 has 629 MA's), (Start: 20 @38486 has 32 MA's), (Start: 24 @38468 has 1 MA's), (Start: 32 @38426 has 2 MA's), (Start: 36 @38414 has 23 MA's), (Start: 40 @38387 has 29 MA's), (Start: 42 @38375 has 5 MA's), (68, 38213), (79, 38147), (80, 38138), (82, 38117), (85, 38102), (86, 38087), (88, 38081), (90, 38054), (94, 38036), (100, 38009), (102, 38000), (107, 37982), (109, 37970), (110, 37967),

Gene: Bonanza_48 Start: 35251, Stop: 34592, Start Num: 8
Candidate Starts for Bonanza_48:
(Start: 8 @35251 has 629 MA's), (Start: 25 @35128 has 5 MA's), (Start: 36 @35092 has 23 MA's), (Start: 40 @35065 has 29 MA's), (Start: 45 @35035 has 2 MA's), (Start: 50 @35005 has 1 MA's), (Start: 51 @35002 has 4 MA's), (52, 34996), (59, 34945), (66, 34900), (68, 34879), (79, 34813), (107, 34648), (110, 34633),

Gene: Boohoo_66 Start: 38505, Stop: 37873, Start Num: 8
Candidate Starts for Boohoo_66:
(Start: 8 @38505 has 629 MA's), (Start: 12 @38487 has 45 MA's), (Start: 20 @38412 has 32 MA's), (Start: 40 @38334 has 29 MA's), (Start: 43 @38319 has 1 MA's), (Start: 45 @38304 has 2 MA's), (65, 38184), (66, 38181), (77, 38109), (81, 38079), (90, 38001), (102, 37947),

Gene: Bovely_39 Start: 27838, Stop: 28488, Start Num: 8
Candidate Starts for Bovely_39:
(Start: 6 @27823 has 40 MA's), (Start: 8 @27838 has 629 MA's), (Start: 10 @27841 has 1 MA's), (Start: 36 @27982 has 23 MA's), (Start: 51 @28066 has 4 MA's), (59, 28123), (60, 28129), (62, 28150), (63, 28159), (70, 28195), (72, 28219), (75, 28231), (77, 28240), (78, 28249), (83, 28294), (101, 28396), (106, 28417), (115, 28465),

Gene: Bowden_40 Start: 29279, Stop: 29941, Start Num: 5
Candidate Starts for Bowden_40:
(Start: 5 @29279 has 33 MA's), (14, 29327), (16, 29342), (21, 29390), (Start: 42 @29480 has 5 MA's), (Start: 51 @29525 has 4 MA's), (62, 29609), (81, 29729), (83, 29753), (108, 29888), (113, 29909), (115, 29921),

Gene: Bowtie_60 Start: 38667, Stop: 38020, Start Num: 8
Candidate Starts for Bowtie_60:
(Start: 8 @38667 has 629 MA's), (Start: 20 @38574 has 32 MA's), (Start: 36 @38520 has 23 MA's), (Start: 40 @38493 has 29 MA's), (Start: 45 @38463 has 2 MA's), (60, 38367), (68, 38307), (79, 38241), (81, 38226), (86, 38181), (89, 38172), (90, 38148), (102, 38094), (110, 38061),

Gene: Bradman_59 Start: 38259, Stop: 37627, Start Num: 8
Candidate Starts for Bradman_59:

(Start: 8 @38259 has 629 MA's), (Start: 20 @38166 has 32 MA's), (Start: 23 @38151 has 2 MA's), (Start: 36 @38112 has 23 MA's), (Start: 40 @38085 has 29 MA's), (Start: 45 @38055 has 2 MA's), (59, 37977), (66, 37932), (68, 37911), (81, 37830), (86, 37785), (90, 37752), (94, 37734), (102, 37698),

Gene: Bradshaw_48 Start: 35280, Stop: 34621, Start Num: 8
Candidate Starts for Bradshaw_48:
(Start: 8 @35280 has 629 MA's), (Start: 25 @35157 has 5 MA's), (Start: 36 @35121 has 23 MA's), (Start: 40 @35094 has 29 MA's), (Start: 45 @35064 has 2 MA's), (Start: 50 @35034 has 1 MA's), (Start: 51 @35031 has 4 MA's), (52, 35025), (59, 34974), (66, 34929), (68, 34908), (78, 34848), (79, 34842), (107, 34677), (110, 34662),

Gene: Brataylor_42 Start: 29162, Stop: 29827, Start Num: 6
Candidate Starts for Brataylor_42:
(Start: 6 @29162 has 40 MA's), (Start: 8 @29177 has 629 MA's), (Start: 10 @29180 has 1 MA's), (Start: 51 @29405 has 4 MA's), (59, 29462), (60, 29468), (62, 29489), (63, 29498), (70, 29534), (72, 29558), (74, 29564), (75, 29570), (77, 29579), (78, 29588), (83, 29633), (86, 29654), (106, 29756), (115, 29804),

Gene: BreSam8_62 Start: 38892, Stop: 38233, Start Num: 8
Candidate Starts for BreSam8_62:
(Start: 8 @38892 has 629 MA's), (Start: 20 @38799 has 32 MA's), (Start: 32 @38745 has 2 MA's), (Start: 36 @38733 has 23 MA's), (Start: 40 @38706 has 29 MA's), (59, 38586), (75, 38478), (78, 38460), (79, 38454), (94, 38343), (102, 38307), (107, 38289), (109, 38277),

Gene: Briton15_58 Start: 39343, Stop: 38933, Start Num: 50
Candidate Starts for Briton15_58:
(Start: 28 @39454 has 135 MA's), (Start: 36 @39430 has 23 MA's), (Start: 40 @39403 has 29 MA's), (Start: 42 @39391 has 5 MA's), (Start: 50 @39343 has 1 MA's), (72, 39193), (86, 39097), (90, 39064), (94, 39046), (98, 39034), (102, 39010), (109, 38980),

Gene: BroPlease_40 Start: 28319, Stop: 28963, Start Num: 8
Candidate Starts for BroPlease_40:
(Start: 8 @28319 has 629 MA's), (14, 28349), (Start: 42 @28502 has 5 MA's), (62, 28631), (78, 28730), (81, 28751), (83, 28775), (88, 28802), (106, 28898),

Gene: Broseidon_55 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Broseidon_55:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: BruceLethal_30 Start: 21333, Stop: 20662, Start Num: 12
Candidate Starts for BruceLethal_30:
(Start: 12 @21333 has 45 MA's), (Start: 45 @21120 has 2 MA's), (Start: 51 @21081 has 4 MA's), (63, 20988), (66, 20979), (68, 20958), (72, 20928), (92, 20793), (100, 20751), (112, 20694), (116, 20673),

Gene: Bruiser_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Bruiser_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Bruns_54 Start: 38335, Stop: 37814, Start Num: 28
Candidate Starts for Bruns_54:
(Start: 28 @38335 has 135 MA's), (Start: 36 @38311 has 23 MA's), (Start: 40 @38284 has 29 MA's), (Start: 42 @38272 has 5 MA's), (Start: 50 @38224 has 1 MA's), (72, 38074), (86, 37978), (90, 37945), (94, 37927), (102, 37891), (109, 37861),

Gene: BryanRecycles_40 Start: 28336, Stop: 28842, Start Num: 36
Candidate Starts for BryanRecycles_40:
(Start: 6 @28177 has 40 MA's), (Start: 8 @28192 has 629 MA's), (Start: 10 @28195 has 1 MA's), (Start: 36 @28336 has 23 MA's), (Start: 51 @28420 has 4 MA's), (59, 28477), (60, 28483), (62, 28504), (63, 28513), (70, 28549), (72, 28573), (75, 28585), (76, 28588), (77, 28594), (78, 28603), (83, 28648), (86, 28669), (101, 28750), (106, 28771), (115, 28819),

Gene: Bryce_47 Start: 35034, Stop: 34375, Start Num: 8
Candidate Starts for Bryce_47:
(Start: 8 @35034 has 629 MA's), (Start: 25 @34911 has 5 MA's), (Start: 36 @34875 has 23 MA's), (Start: 40 @34848 has 29 MA's), (Start: 45 @34818 has 2 MA's), (Start: 50 @34788 has 1 MA's), (Start: 51 @34785 has 4 MA's), (52, 34779), (59, 34728), (66, 34683), (68, 34662), (79, 34596), (107, 34431), (110, 34416),

Gene: BubbleTrouble_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for BubbleTrouble_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Buckaroo_54 Start: 38143, Stop: 37484, Start Num: 8
Candidate Starts for Buckaroo_54:
(Start: 8 @38143 has 629 MA's), (Start: 20 @38050 has 32 MA's), (Start: 24 @38032 has 1 MA's), (Start: 32 @37996 has 2 MA's), (Start: 36 @37984 has 23 MA's), (Start: 40 @37957 has 29 MA's), (Start: 43 @37942 has 1 MA's), (59, 37837), (78, 37711), (79, 37705), (81, 37690), (82, 37675), (94, 37594), (100, 37567), (102, 37558), (117, 37492),

Gene: Bud_59 Start: 38214, Stop: 37567, Start Num: 8
Candidate Starts for Bud_59:
(Start: 8 @38214 has 629 MA's), (Start: 20 @38121 has 32 MA's), (Start: 36 @38067 has 23 MA's), (Start: 40 @38040 has 29 MA's), (Start: 45 @38010 has 2 MA's), (60, 37914), (68, 37854), (79, 37788), (81, 37773), (86, 37728), (89, 37719), (90, 37695), (102, 37641), (110, 37608),

Gene: Bugatti_60 Start: 38549, Stop: 37890, Start Num: 8
Candidate Starts for Bugatti_60:
(Start: 8 @38549 has 629 MA's), (Start: 20 @38456 has 32 MA's), (Start: 32 @38402 has 2 MA's), (Start: 36 @38390 has 23 MA's), (Start: 40 @38363 has 29 MA's), (Start: 43 @38348 has 1 MA's), (Start: 51 @38300 has 4 MA's), (59, 38243), (67, 38195), (78, 38117), (81, 38096), (82, 38081), (94, 38000), (102, 37964), (107, 37946), (117, 37898),

Gene: Bugsy_61 Start: 39458, Stop: 38826, Start Num: 8
Candidate Starts for Bugsy_61:
(Start: 8 @39458 has 629 MA's), (Start: 20 @39365 has 32 MA's), (Start: 36 @39311 has 23 MA's), (Start: 45 @39254 has 2 MA's), (60, 39170), (68, 39110), (78, 39050), (86, 38984), (90, 38951), (102, 38897),

Gene: Bumblebee11_53 Start: 38092, Stop: 37433, Start Num: 8
Candidate Starts for Bumblebee11_53:
(Start: 8 @38092 has 629 MA's), (Start: 20 @37999 has 32 MA's), (Start: 24 @37981 has 1 MA's), (Start: 32 @37945 has 2 MA's), (Start: 36 @37933 has 23 MA's), (Start: 40 @37906 has 29 MA's), (Start: 43 @37891 has 1 MA's), (59, 37786), (78, 37660), (81, 37639), (82, 37624), (94, 37543), (102, 37507), (117, 37441),

Gene: Burger_53 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Burger_53:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Burton_55 Start: 39563, Stop: 38919, Start Num: 11
Candidate Starts for Burton_55:
(Start: 11 @39563 has 29 MA's), (Start: 28 @39440 has 135 MA's), (Start: 40 @39389 has 29 MA's), (Start: 42 @39377 has 5 MA's), (57, 39296), (62, 39248), (67, 39227), (68, 39209), (78, 39149), (86, 39083), (90, 39050), (94, 39032), (102, 38996), (109, 38966), (110, 38963),

Gene: Buttons_53 Start: 37341, Stop: 36763, Start Num: 19
Candidate Starts for Buttons_53:
(Start: 19 @37341 has 39 MA's), (Start: 28 @37284 has 135 MA's), (Start: 36 @37260 has 23 MA's), (Start: 40 @37233 has 29 MA's), (Start: 42 @37221 has 5 MA's), (Start: 50 @37173 has 1 MA's), (66, 37074), (72, 37023), (86, 36927), (90, 36894), (94, 36876), (102, 36840), (109, 36810), (112, 36795),

Gene: BuzzBuzz_59 Start: 38926, Stop: 38267, Start Num: 8
Candidate Starts for BuzzBuzz_59:
(Start: 8 @38926 has 629 MA's), (Start: 20 @38833 has 32 MA's), (Start: 32 @38779 has 2 MA's), (Start: 36 @38767 has 23 MA's), (Start: 40 @38740 has 29 MA's), (59, 38620), (75, 38512), (78, 38494), (79, 38488), (94, 38377), (102, 38341), (107, 38323), (109, 38311),

Gene: Bxb1_50 Start: 37984, Stop: 37511, Start Num: 40
Candidate Starts for Bxb1_50:
(Start: 28 @38035 has 135 MA's), (Start: 36 @38011 has 23 MA's), (Start: 40 @37984 has 29 MA's), (Start: 42 @37972 has 5 MA's), (Start: 50 @37924 has 1 MA's), (72, 37774), (86, 37678), (90, 37645), (94, 37627), (102, 37591), (109, 37558), (110, 37555),

Gene: Bxz2_57 Start: 38747, Stop: 38274, Start Num: 40
Candidate Starts for Bxz2_57:
(Start: 8 @38933 has 629 MA's), (Start: 20 @38840 has 32 MA's), (Start: 32 @38786 has 2 MA's), (Start: 36 @38774 has 23 MA's), (Start: 40 @38747 has 29 MA's), (59, 38627), (75, 38519), (78, 38501), (79, 38495), (94, 38384), (102, 38348), (107, 38330), (109, 38318),

Gene: C3_57 Start: 39337, Stop: 38705, Start Num: 8
Candidate Starts for C3_57:
(Start: 8 @39337 has 629 MA's), (Start: 20 @39244 has 32 MA's), (Start: 36 @39190 has 23 MA's), (Start: 40 @39163 has 29 MA's), (Start: 45 @39133 has 2 MA's), (59, 39055), (60, 39049), (68, 38989), (81, 38908), (86, 38863), (90, 38830), (94, 38812), (102, 38776),

Gene: CRB1_63 Start: 39723, Stop: 39238, Start Num: 36
Candidate Starts for CRB1_63:

(Start: 20 @39777 has 32 MA's), (Start: 36 @39723 has 23 MA's), (Start: 45 @39666 has 2 MA's), (60, 39582), (68, 39522), (78, 39462), (86, 39396), (90, 39363), (94, 39345), (102, 39309),

Gene: CactusRose_52 Start: 38569, Stop: 38048, Start Num: 28
Candidate Starts for CactusRose_52:
(Start: 28 @38569 has 135 MA's), (Start: 36 @38545 has 23 MA's), (Start: 40 @38518 has 29 MA's), (Start: 42 @38506 has 5 MA's), (Start: 50 @38458 has 1 MA's), (66, 38359), (72, 38308), (86, 38212), (87, 38209), (90, 38179), (94, 38161), (102, 38125), (109, 38095),

Gene: Caelakin_55 Start: 37992, Stop: 37480, Start Num: 32
Candidate Starts for Caelakin_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Caelum_41 Start: 28977, Stop: 29639, Start Num: 5
Candidate Starts for Caelum_41:
(Start: 5 @28977 has 33 MA's), (14, 29025), (Start: 42 @29178 has 5 MA's), (62, 29307), (63, 29316), (81, 29427), (83, 29451), (86, 29472), (101, 29553), (106, 29571), (108, 29586), (113, 29607), (115, 29619),

Gene: Caitlin_58 Start: 37870, Stop: 37217, Start Num: 8
Candidate Starts for Caitlin_58:
(Start: 8 @37870 has 629 MA's), (Start: 20 @37777 has 32 MA's), (Start: 32 @37717 has 2 MA's), (Start: 36 @37705 has 23 MA's), (Start: 40 @37678 has 29 MA's), (49, 37621), (59, 37570), (60, 37564), (81, 37423), (82, 37408), (86, 37378), (90, 37345), (107, 37273), (108, 37264), (110, 37258), (115, 37234),

Gene: Caliburn_39 Start: 27959, Stop: 28465, Start Num: 36
Candidate Starts for Caliburn_39:
(Start: 6 @27800 has 40 MA's), (Start: 8 @27815 has 629 MA's), (Start: 10 @27818 has 1 MA's), (Start: 36 @27959 has 23 MA's), (Start: 51 @28043 has 4 MA's), (59, 28100), (60, 28106), (62, 28127), (63, 28136), (70, 28172), (72, 28196), (75, 28208), (77, 28217), (78, 28226), (83, 28271), (101, 28373), (106, 28394), (115, 28442),

Gene: Calvinny_62 Start: 38784, Stop: 38125, Start Num: 8
Candidate Starts for Calvinny_62:
(Start: 8 @38784 has 629 MA's), (Start: 20 @38691 has 32 MA's), (Start: 32 @38637 has 2 MA's), (Start: 36 @38625 has 23 MA's), (Start: 40 @38598 has 29 MA's), (59, 38478), (75, 38370), (78, 38352), (79, 38346), (90, 38253), (94, 38235), (102, 38199), (107, 38181), (109, 38169),

Gene: Camperdownii_53 Start: 37813, Stop: 37154, Start Num: 8
Candidate Starts for Camperdownii_53:
(Start: 8 @37813 has 629 MA's), (Start: 20 @37720 has 32 MA's), (Start: 24 @37702 has 1 MA's), (Start: 32 @37666 has 2 MA's), (Start: 36 @37654 has 23 MA's), (Start: 40 @37627 has 29 MA's), (Start: 43 @37612 has 1 MA's), (59, 37507), (78, 37381), (79, 37375), (81, 37360), (82, 37345), (94, 37264), (100, 37237), (102, 37228), (117, 37162),

Gene: Candra_61 Start: 37754, Stop: 37122, Start Num: 8
Candidate Starts for Candra_61:
(Start: 8 @37754 has 629 MA's), (Start: 20 @37661 has 32 MA's), (Start: 36 @37607 has 23 MA's), (Start: 45 @37550 has 2 MA's), (59, 37472), (68, 37406), (81, 37325), (86, 37280), (90, 37247), (94,

37229), (102, 37193), (109, 37163), (110, 37160),

Gene: Caraxes_57 Start: 37576, Stop: 36944, Start Num: 8
Candidate Starts for Caraxes_57:
(Start: 8 @37576 has 629 MA's), (Start: 20 @37483 has 32 MA's), (Start: 36 @37429 has 23 MA's), (Start: 40 @37402 has 29 MA's), (Start: 45 @37372 has 2 MA's), (59, 37294), (75, 37186), (80, 37153), (81, 37147), (82, 37132), (86, 37102), (89, 37093), (90, 37069), (94, 37051), (102, 37015),

Gene: Carlyle_53 Start: 36628, Stop: 36050, Start Num: 19
Candidate Starts for Carlyle_53:
(Start: 19 @36628 has 39 MA's), (Start: 28 @36571 has 135 MA's), (Start: 36 @36547 has 23 MA's), (Start: 40 @36520 has 29 MA's), (Start: 42 @36508 has 5 MA's), (Start: 50 @36460 has 1 MA's), (72, 36310), (86, 36214), (90, 36181), (94, 36163), (102, 36127), (109, 36097),

Gene: CartmannCramer_54 Start: 40916, Stop: 40395, Start Num: 28
Candidate Starts for CartmannCramer_54:
(Start: 28 @40916 has 135 MA's), (Start: 36 @40892 has 23 MA's), (Start: 40 @40865 has 29 MA's), (Start: 42 @40853 has 5 MA's), (Start: 50 @40805 has 1 MA's), (66, 40706), (72, 40655), (86, 40559), (87, 40556), (90, 40526), (94, 40508), (102, 40472), (109, 40442),

Gene: CatBus_54 Start: 39523, Stop: 39002, Start Num: 28
Candidate Starts for CatBus_54:
(Start: 28 @39523 has 135 MA's), (Start: 36 @39499 has 23 MA's), (Start: 40 @39472 has 29 MA's), (Start: 42 @39460 has 5 MA's), (Start: 50 @39412 has 1 MA's), (66, 39313), (72, 39262), (86, 39166), (90, 39133), (94, 39115), (102, 39079), (109, 39049),

Gene: Cat_55 Start: 38118, Stop: 37459, Start Num: 8
Candidate Starts for Cat_55:
(Start: 8 @38118 has 629 MA's), (Start: 20 @38025 has 32 MA's), (Start: 24 @38007 has 1 MA's), (Start: 32 @37971 has 2 MA's), (Start: 36 @37959 has 23 MA's), (Start: 40 @37932 has 29 MA's), (Start: 43 @37917 has 1 MA's), (Start: 51 @37869 has 4 MA's), (59, 37812), (67, 37764), (75, 37704), (78, 37686), (81, 37665), (82, 37650), (94, 37569), (102, 37533), (107, 37515), (117, 37467),

Gene: Catalina_60 Start: 38687, Stop: 38226, Start Num: 40
Candidate Starts for Catalina_60:
(Start: 8 @38855 has 629 MA's), (Start: 20 @38762 has 32 MA's), (Start: 25 @38738 has 5 MA's), (Start: 36 @38714 has 23 MA's), (Start: 40 @38687 has 29 MA's), (Start: 43 @38672 has 1 MA's), (59, 38576), (60, 38570), (66, 38531), (68, 38510), (79, 38444), (86, 38384), (90, 38351), (102, 38297),

Gene: Caviar_57 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for Caviar_57:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: Celery_43 Start: 29883, Stop: 30305, Start Num: 51
Candidate Starts for Celery_43:
(Start: 6 @29640 has 40 MA's), (Start: 8 @29655 has 629 MA's), (Start: 51 @29883 has 4 MA's), (59, 29940), (60, 29946), (62, 29967), (63, 29976), (72, 30036), (73, 30039), (75, 30048), (83, 30111), (101, 30213), (106, 30234), (115, 30282),

Gene: Celeste_40 Start: 28631, Stop: 29296, Start Num: 6

Candidate Starts for Celeste_40:
(Start: 6 @28631 has 40 MA's), (Start: 8 @28646 has 629 MA's), (Start: 10 @28649 has 1 MA's), (Start: 51 @28874 has 4 MA's), (59, 28931), (60, 28937), (62, 28958), (63, 28967), (70, 29003), (72, 29027), (75, 29039), (77, 29048), (78, 29057), (83, 29102), (86, 29123), (101, 29204), (106, 29225), (115, 29273),

Gene: Celestialunch_57 Start: 38657, Stop: 38031, Start Num: 8
Candidate Starts for Celestialunch_57:
(Start: 8 @38657 has 629 MA's), (Start: 20 @38564 has 32 MA's), (Start: 36 @38516 has 23 MA's), (Start: 40 @38489 has 29 MA's), (59, 38381), (60, 38375), (68, 38315), (75, 38273), (78, 38255), (81, 38234), (86, 38189), (89, 38180), (102, 38102),

Gene: Celia_41 Start: 28888, Stop: 29397, Start Num: 35
Candidate Starts for Celia_41:
(Start: 6 @28732 has 40 MA's), (Start: 8 @28747 has 629 MA's), (Start: 35 @28888 has 2 MA's), (59, 29032), (72, 29128), (83, 29203), (101, 29305), (106, 29326), (108, 29341),

Gene: Centaur_60 Start: 39093, Stop: 38461, Start Num: 8
Candidate Starts for Centaur_60:
(Start: 8 @39093 has 629 MA's), (Start: 20 @39000 has 32 MA's), (Start: 36 @38946 has 23 MA's), (Start: 45 @38889 has 2 MA's), (55, 38835), (59, 38811), (60, 38805), (68, 38745), (78, 38685), (81, 38664), (86, 38619), (90, 38586), (102, 38532),

Gene: CentreCat_55 Start: 38142, Stop: 37483, Start Num: 8
Candidate Starts for CentreCat_55:
(Start: 8 @38142 has 629 MA's), (Start: 20 @38049 has 32 MA's), (Start: 24 @38031 has 1 MA's), (Start: 32 @37995 has 2 MA's), (Start: 36 @37983 has 23 MA's), (Start: 40 @37956 has 29 MA's), (Start: 43 @37941 has 1 MA's), (59, 37836), (78, 37710), (79, 37704), (81, 37689), (82, 37674), (94, 37593), (100, 37566), (102, 37557), (117, 37491),

Gene: Cerulean_56 Start: 38543, Stop: 37884, Start Num: 8
Candidate Starts for Cerulean_56:
(Start: 8 @38543 has 629 MA's), (Start: 20 @38450 has 32 MA's), (Start: 32 @38396 has 2 MA's), (Start: 36 @38384 has 23 MA's), (Start: 40 @38357 has 29 MA's), (Start: 43 @38342 has 1 MA's), (59, 38237), (78, 38111), (81, 38090), (82, 38075), (94, 37994), (100, 37967), (102, 37958), (117, 37892),

Gene: Chadwick_57 Start: 38363, Stop: 37701, Start Num: 8
Candidate Starts for Chadwick_57:
(Start: 8 @38363 has 629 MA's), (Start: 20 @38270 has 32 MA's), (Start: 24 @38252 has 1 MA's), (Start: 32 @38210 has 2 MA's), (Start: 36 @38198 has 23 MA's), (Start: 40 @38171 has 29 MA's), (Start: 42 @38159 has 5 MA's), (Start: 43 @38156 has 1 MA's), (68, 37994), (79, 37928), (80, 37919), (82, 37898), (86, 37868), (88, 37862), (90, 37835), (94, 37817), (100, 37790), (102, 37781), (107, 37763), (109, 37751), (110, 37748),

Gene: ChampagnePapi_57 Start: 38542, Stop: 37883, Start Num: 8
Candidate Starts for ChampagnePapi_57:
(Start: 8 @38542 has 629 MA's), (Start: 20 @38449 has 32 MA's), (Start: 32 @38395 has 2 MA's), (Start: 36 @38383 has 23 MA's), (Start: 40 @38356 has 29 MA's), (Start: 43 @38341 has 1 MA's), (59, 38236), (78, 38110), (81, 38089), (82, 38074), (94, 37993), (100, 37966), (102, 37957), (117, 37891),

Gene: Chanagan_51 Start: 37492, Stop: 36848, Start Num: 11
Candidate Starts for Chanagan_51:

(Start: 11 @37492 has 29 MA's), (Start: 28 @37369 has 135 MA's), (Start: 40 @37318 has 29 MA's), (Start: 42 @37306 has 5 MA's), (62, 37177), (67, 37156), (68, 37138), (86, 37012), (90, 36979), (94, 36961), (102, 36925), (109, 36895), (110, 36892),

Gene: Changeling_58 Start: 39509, Stop: 38877, Start Num: 8
Candidate Starts for Changeling_58:
(Start: 8 @39509 has 629 MA's), (Start: 20 @39416 has 32 MA's), (29, 39380), (Start: 36 @39362 has 23 MA's), (Start: 45 @39305 has 2 MA's), (59, 39227), (60, 39221), (66, 39182), (68, 39161), (81, 39080), (86, 39035), (90, 39002), (94, 38984), (102, 38948),

Gene: Chaph_55 Start: 38150, Stop: 37491, Start Num: 8
Candidate Starts for Chaph_55:
(Start: 8 @38150 has 629 MA's), (Start: 20 @38057 has 32 MA's), (Start: 24 @38039 has 1 MA's), (Start: 32 @38003 has 2 MA's), (Start: 36 @37991 has 23 MA's), (Start: 40 @37964 has 29 MA's), (Start: 43 @37949 has 1 MA's), (59, 37844), (78, 37718), (79, 37712), (81, 37697), (82, 37682), (94, 37601), (100, 37574), (102, 37565), (117, 37499),

Gene: Chargerpower_57 Start: 37561, Stop: 36935, Start Num: 8
Candidate Starts for Chargerpower_57:
(Start: 8 @37561 has 629 MA's), (Start: 20 @37468 has 32 MA's), (Start: 36 @37420 has 23 MA's), (59, 37285), (68, 37219), (75, 37177), (81, 37138), (86, 37093), (94, 37042), (102, 37006), (109, 36976), (110, 36973),

Gene: Charm_57 Start: 38716, Stop: 38090, Start Num: 8
Candidate Starts for Charm_57:
(Start: 8 @38716 has 629 MA's), (Start: 20 @38623 has 32 MA's), (Start: 36 @38575 has 23 MA's), (Start: 40 @38548 has 29 MA's), (59, 38440), (60, 38434), (68, 38374), (75, 38332), (81, 38293), (86, 38248), (102, 38161),

Gene: Chartreuse_59 Start: 37105, Stop: 36473, Start Num: 8
Candidate Starts for Chartreuse_59:
(Start: 8 @37105 has 629 MA's), (Start: 20 @37012 has 32 MA's), (Start: 36 @36958 has 23 MA's), (Start: 45 @36901 has 2 MA's), (59, 36823), (68, 36757), (81, 36676), (86, 36631), (90, 36598), (94, 36580), (102, 36544), (109, 36514), (110, 36511),

Gene: Che12_60 Start: 37843, Stop: 37385, Start Num: 40
Candidate Starts for Che12_60:
(Start: 8 @38017 has 629 MA's), (Start: 20 @37924 has 32 MA's), (Start: 36 @37870 has 23 MA's), (Start: 40 @37843 has 29 MA's), (Start: 45 @37813 has 2 MA's), (59, 37735), (80, 37594), (81, 37588), (82, 37573), (86, 37543), (89, 37534), (90, 37510), (94, 37492), (102, 37456),

Gene: ChipMunk_61 Start: 40658, Stop: 40026, Start Num: 8
Candidate Starts for ChipMunk_61:
(Start: 8 @40658 has 629 MA's), (Start: 20 @40565 has 32 MA's), (Start: 36 @40511 has 23 MA's), (Start: 45 @40454 has 2 MA's), (60, 40370), (68, 40310), (78, 40250), (86, 40184), (90, 40151), (102, 40097),

Gene: Chiqui_55 Start: 38553, Stop: 37891, Start Num: 8
Candidate Starts for Chiqui_55:
(Start: 8 @38553 has 629 MA's), (Start: 20 @38460 has 32 MA's), (Start: 32 @38406 has 2 MA's), (Start: 36 @38394 has 23 MA's), (Start: 40 @38367 has 29 MA's), (Start: 43 @38352 has 1 MA's), (Start: 51 @38304 has 4 MA's), (59, 38247), (67, 38199), (75, 38139), (78, 38121), (79, 38115), (81, 38100), (82, 38085), (94, 38004), (102, 37968), (107, 37950), (117, 37902),

Gene: ChristmasHams_50 Start: 36775, Stop: 36254, Start Num: 28
Candidate Starts for ChristmasHams_50:
(Start: 28 @36775 has 135 MA's), (Start: 36 @36751 has 23 MA's), (Start: 40 @36724 has 29 MA's), (Start: 42 @36712 has 5 MA's), (Start: 50 @36664 has 1 MA's), (66, 36565), (72, 36514), (86, 36418), (90, 36385), (94, 36367), (102, 36331), (109, 36301),

Gene: Chucky_39 Start: 28208, Stop: 28858, Start Num: 8
Candidate Starts for Chucky_39:
(Start: 6 @28193 has 40 MA's), (Start: 8 @28208 has 629 MA's), (Start: 10 @28211 has 1 MA's), (Start: 36 @28352 has 23 MA's), (Start: 51 @28436 has 4 MA's), (59, 28493), (60, 28499), (62, 28520), (70, 28565), (72, 28589), (75, 28601), (77, 28610), (78, 28619), (83, 28664), (86, 28685), (101, 28766), (106, 28787), (115, 28835),

Gene: Chupacabra_54 Start: 38028, Stop: 37369, Start Num: 8
Candidate Starts for Chupacabra_54:
(Start: 8 @38028 has 629 MA's), (Start: 20 @37935 has 32 MA's), (Start: 36 @37869 has 23 MA's), (Start: 40 @37842 has 29 MA's), (Start: 51 @37779 has 4 MA's), (59, 37722), (67, 37674), (75, 37614), (78, 37596), (79, 37590), (81, 37575), (82, 37560), (100, 37452), (102, 37443), (107, 37425), (109, 37413), (117, 37377),

Gene: Ciao_54 Start: 38691, Stop: 38221, Start Num: 40
Candidate Starts for Ciao_54:
(Start: 28 @38742 has 135 MA's), (Start: 36 @38718 has 23 MA's), (Start: 40 @38691 has 29 MA's), (Start: 42 @38679 has 5 MA's), (Start: 50 @38631 has 1 MA's), (72, 38481), (86, 38385), (87, 38382), (90, 38352), (94, 38334), (102, 38298), (109, 38268),

Gene: Cici_54 Start: 38107, Stop: 37448, Start Num: 8
Candidate Starts for Cici_54:
(Start: 8 @38107 has 629 MA's), (Start: 20 @38014 has 32 MA's), (Start: 24 @37996 has 1 MA's), (Start: 32 @37960 has 2 MA's), (Start: 36 @37948 has 23 MA's), (Start: 40 @37921 has 29 MA's), (Start: 43 @37906 has 1 MA's), (59, 37801), (78, 37675), (81, 37654), (82, 37639), (94, 37558), (102, 37522), (117, 37456),

Gene: Cindaradix_51 Start: 37736, Stop: 37077, Start Num: 8
Candidate Starts for Cindaradix_51:
(Start: 8 @37736 has 629 MA's), (Start: 20 @37643 has 32 MA's), (Start: 24 @37625 has 1 MA's), (Start: 32 @37589 has 2 MA's), (Start: 36 @37577 has 23 MA's), (Start: 40 @37550 has 29 MA's), (Start: 43 @37535 has 1 MA's), (59, 37430), (78, 37304), (79, 37298), (81, 37283), (82, 37268), (94, 37187), (98, 37175), (100, 37160), (102, 37151), (117, 37085),

Gene: Cintron_54 Start: 38116, Stop: 37457, Start Num: 8
Candidate Starts for Cintron_54:
(Start: 8 @38116 has 629 MA's), (Start: 20 @38023 has 32 MA's), (Start: 24 @38005 has 1 MA's), (Start: 32 @37969 has 2 MA's), (Start: 36 @37957 has 23 MA's), (Start: 40 @37930 has 29 MA's), (Start: 43 @37915 has 1 MA's), (59, 37810), (78, 37684), (79, 37678), (81, 37663), (82, 37648), (94, 37567), (100, 37540), (102, 37531), (117, 37465),

Gene: Citius_55 Start: 38160, Stop: 37501, Start Num: 8
Candidate Starts for Citius_55:
(Start: 8 @38160 has 629 MA's), (Start: 20 @38067 has 32 MA's), (Start: 24 @38049 has 1 MA's), (Start: 32 @38013 has 2 MA's), (Start: 36 @38001 has 23 MA's), (Start: 40 @37974 has 29 MA's), (Start: 43 @37959 has 1 MA's), (59, 37854), (78, 37728), (79, 37722), (81, 37707), (82, 37692), (94,

37611), (100, 37584), (102, 37575), (117, 37509),

Gene: Clammy_60 Start: 38549, Stop: 37890, Start Num: 8
Candidate Starts for Clammy_60:
(Start: 8 @38549 has 629 MA's), (Start: 20 @38456 has 32 MA's), (Start: 32 @38402 has 2 MA's), (Start: 36 @38390 has 23 MA's), (Start: 40 @38363 has 29 MA's), (Start: 43 @38348 has 1 MA's), (Start: 51 @38300 has 4 MA's), (59, 38243), (67, 38195), (78, 38117), (81, 38096), (82, 38081), (94, 38000), (102, 37964), (107, 37946), (117, 37898),

Gene: Clarenza_54 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Clarenza_54:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: CloudWang3_61 Start: 37923, Stop: 37291, Start Num: 8
Candidate Starts for CloudWang3_61:
(Start: 8 @37923 has 629 MA's), (Start: 20 @37830 has 32 MA's), (Start: 36 @37776 has 23 MA's), (Start: 45 @37719 has 2 MA's), (60, 37635), (68, 37575), (86, 37449), (90, 37416), (94, 37398), (102, 37362), (107, 37344), (109, 37332), (110, 37329),

Gene: ClownCar_62 Start: 38777, Stop: 38118, Start Num: 8
Candidate Starts for ClownCar_62:
(Start: 8 @38777 has 629 MA's), (Start: 20 @38684 has 32 MA's), (Start: 32 @38630 has 2 MA's), (Start: 36 @38618 has 23 MA's), (Start: 40 @38591 has 29 MA's), (59, 38471), (75, 38363), (78, 38345), (79, 38339), (90, 38246), (94, 38228), (102, 38192), (107, 38174), (109, 38162),

Gene: Cocoaberry_55 Start: 38143, Stop: 37484, Start Num: 8
Candidate Starts for Cocoaberry_55:
(Start: 8 @38143 has 629 MA's), (Start: 20 @38050 has 32 MA's), (Start: 24 @38032 has 1 MA's), (Start: 32 @37996 has 2 MA's), (Start: 36 @37984 has 23 MA's), (Start: 40 @37957 has 29 MA's), (Start: 43 @37942 has 1 MA's), (59, 37837), (78, 37711), (79, 37705), (81, 37690), (82, 37675), (94, 37594), (100, 37567), (102, 37558), (117, 37492),

Gene: CogOmlette_58 Start: 38612, Stop: 37986, Start Num: 8
Candidate Starts for CogOmlette_58:
(Start: 8 @38612 has 629 MA's), (Start: 15 @38576 has 1 MA's), (Start: 20 @38519 has 32 MA's), (Start: 36 @38471 has 23 MA's), (Start: 40 @38444 has 29 MA's), (Start: 42 @38432 has 5 MA's), (Start: 45 @38414 has 2 MA's), (59, 38336), (68, 38270), (75, 38228), (78, 38210), (81, 38189), (86, 38144), (90, 38111), (102, 38057),

Gene: Colbster_62 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for Colbster_62:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: Colin_58 Start: 39224, Stop: 38592, Start Num: 8
Candidate Starts for Colin_58:
(Start: 8 @39224 has 629 MA's), (Start: 20 @39131 has 32 MA's), (Start: 36 @39077 has 23 MA's), (Start: 40 @39050 has 29 MA's), (Start: 43 @39035 has 1 MA's), (Start: 45 @39020 has 2 MA's), (60, 38936), (68, 38876), (79, 38810), (86, 38750), (90, 38717), (94, 38699), (102, 38663),

Gene: Commander_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Commander_55:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: Conan_41 Start: 29601, Stop: 30266, Start Num: 6
Candidate Starts for Conan_41:
(Start: 6 @29601 has 40 MA's), (Start: 8 @29616 has 629 MA's), (Start: 51 @29844 has 4 MA's), (59, 29901), (60, 29907), (62, 29928), (63, 29937), (72, 29997), (73, 30000), (75, 30009), (83, 30072), (86, 30093), (101, 30174), (106, 30195),

Gene: ConceptII_57 Start: 40854, Stop: 40210, Start Num: 11
Candidate Starts for ConceptII_57:
(Start: 11 @40854 has 29 MA's), (Start: 28 @40731 has 135 MA's), (Start: 40 @40680 has 29 MA's), (Start: 42 @40668 has 5 MA's), (57, 40587), (62, 40539), (67, 40518), (68, 40500), (78, 40440), (86, 40374), (90, 40341), (94, 40323), (102, 40287), (109, 40257),

Gene: Connomayer_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Connomayer_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Conquerage_59 Start: 38758, Stop: 38297, Start Num: 40
Candidate Starts for Conquerage_59:
(Start: 8 @38926 has 629 MA's), (Start: 20 @38833 has 32 MA's), (Start: 25 @38809 has 5 MA's), (Start: 36 @38785 has 23 MA's), (Start: 40 @38758 has 29 MA's), (Start: 43 @38743 has 1 MA's), (59, 38647), (60, 38641), (66, 38602), (68, 38581), (79, 38515), (86, 38455), (90, 38422), (102, 38368),

Gene: Conspiracy_53 Start: 38372, Stop: 37713, Start Num: 8
Candidate Starts for Conspiracy_53:
(Start: 8 @38372 has 629 MA's), (Start: 20 @38279 has 32 MA's), (Start: 24 @38261 has 1 MA's), (Start: 32 @38219 has 2 MA's), (Start: 36 @38207 has 23 MA's), (Start: 40 @38180 has 29 MA's), (Start: 42 @38168 has 5 MA's), (68, 38006), (79, 37940), (82, 37910), (86, 37880), (88, 37874), (90, 37847), (94, 37829), (100, 37802), (102, 37793), (107, 37775), (109, 37763), (110, 37760),

Gene: Coog_52 Start: 38566, Stop: 37907, Start Num: 8
Candidate Starts for Coog_52:
(Start: 8 @38566 has 629 MA's), (Start: 20 @38473 has 32 MA's), (Start: 24 @38455 has 1 MA's), (Start: 32 @38413 has 2 MA's), (Start: 36 @38401 has 23 MA's), (Start: 40 @38374 has 29 MA's), (Start: 42 @38362 has 5 MA's), (Start: 43 @38359 has 1 MA's), (68, 38200), (79, 38134), (80, 38125), (82, 38104), (85, 38089), (86, 38074), (88, 38068), (90, 38041), (94, 38023), (100, 37996), (102, 37987), (107, 37969), (109, 37957), (110, 37954),

Gene: Cookiedough_60 Start: 37733, Stop: 37101, Start Num: 8
Candidate Starts for Cookiedough_60:
(Start: 8 @37733 has 629 MA's), (Start: 20 @37640 has 32 MA's), (Start: 36 @37586 has 23 MA's), (Start: 45 @37529 has 2 MA's), (59, 37451), (68, 37385), (81, 37304), (86, 37259), (90, 37226), (94, 37208), (102, 37172), (109, 37142), (110, 37139),

Gene: Corvo_55 Start: 40187, Stop: 39666, Start Num: 28
Candidate Starts for Corvo_55:
(Start: 28 @40187 has 135 MA's), (Start: 36 @40163 has 23 MA's), (Start: 40 @40136 has 29 MA's), (Start: 42 @40124 has 5 MA's), (Start: 50 @40076 has 1 MA's), (72, 39926), (86, 39830), (90, 39797), (94, 39779), (102, 39743), (109, 39713),

Gene: CosmicSans_48 Start: 35094, Stop: 34621, Start Num: 40
Candidate Starts for CosmicSans_48:
(Start: 8 @35280 has 629 MA's), (Start: 25 @35157 has 5 MA's), (Start: 36 @35121 has 23 MA's), (Start: 40 @35094 has 29 MA's), (Start: 45 @35064 has 2 MA's), (Start: 50 @35034 has 1 MA's), (Start: 51 @35031 has 4 MA's), (52, 35025), (59, 34974), (66, 34929), (68, 34908), (78, 34848), (79, 34842), (107, 34677), (110, 34662),

Gene: Cota_30 Start: 21373, Stop: 20702, Start Num: 12
Candidate Starts for Cota_30:
(Start: 12 @21373 has 45 MA's), (Start: 45 @21160 has 2 MA's), (Start: 51 @21121 has 4 MA's), (63, 21028), (66, 21019), (68, 20998), (72, 20968), (92, 20833), (100, 20791), (112, 20734), (116, 20713),

Gene: Crispicous1_52 Start: 37694, Stop: 37173, Start Num: 28
Candidate Starts for Crispicous1_52:
(Start: 28 @37694 has 135 MA's), (Start: 36 @37670 has 23 MA's), (Start: 40 @37643 has 29 MA's), (Start: 42 @37631 has 5 MA's), (Start: 50 @37583 has 1 MA's), (72, 37433), (86, 37337), (90, 37304), (94, 37286), (102, 37250), (109, 37220),

Gene: Croquant_63 Start: 38897, Stop: 38238, Start Num: 8
Candidate Starts for Croquant_63:
(Start: 8 @38897 has 629 MA's), (Start: 20 @38804 has 32 MA's), (Start: 32 @38750 has 2 MA's), (Start: 36 @38738 has 23 MA's), (Start: 40 @38711 has 29 MA's), (59, 38591), (75, 38483), (78, 38465), (79, 38459), (94, 38348), (102, 38312), (107, 38294), (109, 38282),

Gene: Crucio_59 Start: 39075, Stop: 38443, Start Num: 8
Candidate Starts for Crucio_59:
(Start: 8 @39075 has 629 MA's), (Start: 20 @38982 has 32 MA's), (Start: 36 @38928 has 23 MA's), (Start: 45 @38871 has 2 MA's), (68, 38727), (78, 38667), (86, 38601), (90, 38568), (94, 38550), (102, 38514),

Gene: Cuco_53 Start: 38426, Stop: 37767, Start Num: 8
Candidate Starts for Cuco_53:
(Start: 8 @38426 has 629 MA's), (Start: 20 @38333 has 32 MA's), (Start: 24 @38315 has 1 MA's), (Start: 32 @38273 has 2 MA's), (Start: 36 @38261 has 23 MA's), (Start: 40 @38234 has 29 MA's), (Start: 42 @38222 has 5 MA's), (68, 38060), (79, 37994), (80, 37985), (82, 37964), (85, 37949), (86, 37934), (88, 37928), (90, 37901), (94, 37883), (100, 37856), (102, 37847), (107, 37829), (109, 37817), (110, 37814),

Gene: Cueylyss_56 Start: 40373, Stop: 39852, Start Num: 28
Candidate Starts for Cueylyss_56:
(Start: 28 @40373 has 135 MA's), (Start: 36 @40349 has 23 MA's), (Start: 40 @40322 has 29 MA's), (Start: 42 @40310 has 5 MA's), (Start: 50 @40262 has 1 MA's), (66, 40163), (72, 40112), (86, 40016), (87, 40013), (90, 39983), (94, 39965), (95, 39962), (102, 39929), (109, 39899), (110, 39896),

Gene: Cullens_62 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for Cullens_62:

(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: D29_57 Start: 38727, Stop: 38269, Start Num: 40
Candidate Starts for D29_57:
(Start: 8 @38901 has 629 MA's), (Start: 20 @38808 has 32 MA's), (Start: 36 @38754 has 23 MA's), (Start: 40 @38727 has 29 MA's), (Start: 45 @38697 has 2 MA's), (59, 38619), (60, 38613), (68, 38553), (81, 38472), (86, 38427), (90, 38394), (94, 38376), (102, 38340),

Gene: D32_60 Start: 38901, Stop: 38269, Start Num: 8
Candidate Starts for D32_60:
(Start: 8 @38901 has 629 MA's), (Start: 20 @38808 has 32 MA's), (Start: 36 @38754 has 23 MA's), (Start: 40 @38727 has 29 MA's), (Start: 45 @38697 has 2 MA's), (59, 38619), (60, 38613), (68, 38553), (81, 38472), (86, 38427), (90, 38394), (94, 38376), (102, 38340),

Gene: DBQu4n_61 Start: 38882, Stop: 38250, Start Num: 8
Candidate Starts for DBQu4n_61:
(Start: 8 @38882 has 629 MA's), (Start: 20 @38789 has 32 MA's), (Start: 36 @38735 has 23 MA's), (Start: 40 @38708 has 29 MA's), (Start: 45 @38678 has 2 MA's), (59, 38600), (60, 38594), (68, 38534), (81, 38453), (86, 38408), (90, 38375), (94, 38357), (102, 38321),

Gene: DD5_54 Start: 39472, Stop: 39002, Start Num: 40
Candidate Starts for DD5_54:
(Start: 28 @39523 has 135 MA's), (Start: 36 @39499 has 23 MA's), (Start: 40 @39472 has 29 MA's), (Start: 42 @39460 has 5 MA's), (Start: 50 @39412 has 1 MA's), (72, 39262), (86, 39166), (90, 39133), (94, 39115), (102, 39079), (109, 39049),

Gene: DaHudson_62 Start: 38891, Stop: 38232, Start Num: 8
Candidate Starts for DaHudson_62:
(Start: 8 @38891 has 629 MA's), (Start: 20 @38798 has 32 MA's), (Start: 32 @38744 has 2 MA's), (Start: 36 @38732 has 23 MA's), (Start: 40 @38705 has 29 MA's), (59, 38585), (75, 38477), (78, 38459), (79, 38453), (94, 38342), (102, 38306), (107, 38288), (109, 38276),

Gene: DaVinci_59 Start: 37159, Stop: 36527, Start Num: 8
Candidate Starts for DaVinci_59:
(Start: 8 @37159 has 629 MA's), (Start: 20 @37066 has 32 MA's), (Start: 36 @37012 has 23 MA's), (Start: 45 @36955 has 2 MA's), (59, 36877), (68, 36811), (81, 36730), (86, 36685), (90, 36652), (94, 36634), (102, 36598), (109, 36568), (110, 36565),

Gene: Daishi_61 Start: 37767, Stop: 37108, Start Num: 8
Candidate Starts for Daishi_61:
(Start: 8 @37767 has 629 MA's), (Start: 20 @37674 has 32 MA's), (Start: 32 @37620 has 2 MA's), (Start: 36 @37608 has 23 MA's), (Start: 40 @37581 has 29 MA's), (59, 37461), (75, 37353), (78, 37335), (79, 37329), (94, 37218), (102, 37182), (107, 37164), (109, 37152),

Gene: Dalmatian_60 Start: 39281, Stop: 38649, Start Num: 8
Candidate Starts for Dalmatian_60:
(Start: 8 @39281 has 629 MA's), (Start: 20 @39188 has 32 MA's), (Start: 36 @39134 has 23 MA's), (Start: 45 @39077 has 2 MA's), (60, 38993), (68, 38933), (78, 38873), (86, 38807), (90, 38774), (102, 38720),

Gene: Danforth_59 Start: 38214, Stop: 37561, Start Num: 8

Candidate Starts for Danforth_59:
(Start: 8 @38214 has 629 MA's), (Start: 20 @38121 has 32 MA's), (Start: 32 @38061 has 2 MA's), (Start: 36 @38049 has 23 MA's), (Start: 40 @38022 has 29 MA's), (49, 37965), (59, 37914), (60, 37908), (81, 37767), (82, 37752), (86, 37722), (90, 37689), (107, 37617), (108, 37608), (110, 37602), (115, 37578),

Gene: Danzina_41 Start: 28932, Stop: 29597, Start Num: 6
Candidate Starts for Danzina_41:
(Start: 6 @28932 has 40 MA's), (Start: 8 @28947 has 629 MA's), (Start: 10 @28950 has 1 MA's), (Start: 51 @29175 has 4 MA's), (59, 29232), (60, 29238), (62, 29259), (63, 29268), (70, 29304), (72, 29328), (75, 29340), (77, 29349), (78, 29358), (83, 29403), (86, 29424), (101, 29505), (106, 29526), (115, 29574),

Gene: Darrell_61 Start: 39548, Stop: 38922, Start Num: 8
Candidate Starts for Darrell_61:
(Start: 8 @39548 has 629 MA's), (Start: 20 @39455 has 32 MA's), (Start: 36 @39407 has 23 MA's), (Start: 40 @39380 has 29 MA's), (59, 39272), (60, 39266), (68, 39206), (72, 39176), (75, 39164), (78, 39146), (81, 39125), (86, 39080), (90, 39047), (102, 38993),

Gene: DarthPhader_56 Start: 40030, Stop: 39404, Start Num: 8
Candidate Starts for DarthPhader_56:
(Start: 8 @40030 has 629 MA's), (Start: 20 @39937 has 32 MA's), (Start: 36 @39889 has 23 MA's), (Start: 40 @39862 has 29 MA's), (Start: 50 @39802 has 1 MA's), (59, 39754), (60, 39748), (68, 39688), (78, 39628), (79, 39622), (86, 39562), (90, 39529), (94, 39511), (102, 39475),

Gene: Dattran_41 Start: 28738, Stop: 29403, Start Num: 6
Candidate Starts for Dattran_41:
(Start: 6 @28738 has 40 MA's), (Start: 8 @28753 has 629 MA's), (Start: 10 @28756 has 1 MA's), (Start: 51 @28981 has 4 MA's), (59, 29038), (60, 29044), (62, 29065), (63, 29074), (70, 29110), (72, 29134), (75, 29146), (77, 29155), (78, 29164), (83, 29209), (86, 29230), (101, 29311), (106, 29332), (115, 29380),

Gene: Datway_54 Start: 38078, Stop: 37419, Start Num: 8
Candidate Starts for Datway_54:
(Start: 8 @38078 has 629 MA's), (Start: 20 @37985 has 32 MA's), (Start: 24 @37967 has 1 MA's), (Start: 32 @37931 has 2 MA's), (Start: 36 @37919 has 23 MA's), (Start: 40 @37892 has 29 MA's), (Start: 43 @37877 has 1 MA's), (59, 37772), (78, 37646), (81, 37625), (82, 37610), (94, 37529), (102, 37493), (117, 37427),

Gene: Daudau_40 Start: 29122, Stop: 29784, Start Num: 5
Candidate Starts for Daudau_40:
(2, 28798), (3, 28855), (Start: 5 @29122 has 33 MA's), (14, 29170), (21, 29233), (Start: 42 @29323 has 5 MA's), (Start: 51 @29368 has 4 MA's), (62, 29452), (63, 29461), (81, 29572), (83, 29596), (86, 29617), (101, 29698), (106, 29716), (108, 29731),

Gene: Deano_54 Start: 38147, Stop: 37488, Start Num: 8
Candidate Starts for Deano_54:
(Start: 8 @38147 has 629 MA's), (Start: 20 @38054 has 32 MA's), (Start: 24 @38036 has 1 MA's), (Start: 32 @38000 has 2 MA's), (Start: 36 @37988 has 23 MA's), (Start: 40 @37961 has 29 MA's), (Start: 43 @37946 has 1 MA's), (59, 37841), (78, 37715), (79, 37709), (81, 37694), (82, 37679), (94, 37598), (100, 37571), (102, 37562), (117, 37496),

Gene: DeerParkTS_56 Start: 38121, Stop: 37582, Start Num: 20

Candidate Starts for DeerParkTS_56:
(Start: 20 @38121 has 32 MA's), (Start: 36 @38067 has 23 MA's), (Start: 40 @38040 has 29 MA's), (Start: 45 @38010 has 2 MA's), (59, 37932), (60, 37926), (68, 37866), (81, 37785), (86, 37740), (90, 37707), (102, 37653),

Gene: DekHockey33_67 Start: 38797, Stop: 38165, Start Num: 8
Candidate Starts for DekHockey33_67:
(Start: 8 @38797 has 629 MA's), (Start: 12 @38779 has 45 MA's), (Start: 20 @38704 has 32 MA's), (Start: 40 @38626 has 29 MA's), (Start: 43 @38611 has 1 MA's), (Start: 45 @38596 has 2 MA's), (65, 38476), (66, 38473), (77, 38401), (81, 38371), (90, 38293), (94, 38275), (102, 38239),

Gene: Deloris_60 Start: 38927, Stop: 38388, Start Num: 20
Candidate Starts for Deloris_60:
(Start: 20 @38927 has 32 MA's), (Start: 36 @38873 has 23 MA's), (Start: 45 @38816 has 2 MA's), (60, 38732), (68, 38672), (79, 38606), (86, 38546), (90, 38513), (94, 38495), (102, 38459),

Gene: DelvinSonDorr_58 Start: 37964, Stop: 37332, Start Num: 8
Candidate Starts for DelvinSonDorr_58:
(Start: 8 @37964 has 629 MA's), (Start: 20 @37871 has 32 MA's), (Start: 36 @37817 has 23 MA's), (Start: 45 @37760 has 2 MA's), (59, 37682), (68, 37616), (81, 37535), (86, 37490), (90, 37457), (94, 37439), (102, 37403), (109, 37373), (110, 37370),

Gene: Dennebes_62 Start: 31136, Stop: 30504, Start Num: 8
Candidate Starts for Dennebes_62:
(Start: 8 @31136 has 629 MA's), (Start: 12 @31118 has 45 MA's), (14, 31106), (Start: 45 @30938 has 2 MA's), (48, 30914), (58, 30875), (66, 30812), (78, 30731), (86, 30665),

Gene: Destructrice_57 Start: 30905, Stop: 30273, Start Num: 8
Candidate Starts for Destructrice_57:
(Start: 8 @30905 has 629 MA's), (Start: 12 @30887 has 45 MA's), (14, 30875), (Start: 45 @30707 has 2 MA's), (48, 30683), (63, 30590), (78, 30500), (79, 30494), (86, 30434), (96, 30377), (99, 30362),

Gene: Dexers_39 Start: 29625, Stop: 30290, Start Num: 6
Candidate Starts for Dexers_39:
(Start: 6 @29625 has 40 MA's), (Start: 8 @29640 has 629 MA's), (Start: 51 @29868 has 4 MA's), (59, 29925), (60, 29931), (62, 29952), (63, 29961), (72, 30021), (73, 30024), (75, 30033), (83, 30096), (86, 30117), (101, 30198), (106, 30219),

Gene: Dexes_55 Start: 39646, Stop: 39122, Start Num: 28
Candidate Starts for Dexes_55:
(Start: 28 @39646 has 135 MA's), (Start: 36 @39622 has 23 MA's), (Start: 40 @39595 has 29 MA's), (Start: 42 @39583 has 5 MA's), (Start: 50 @39535 has 1 MA's), (72, 39385), (86, 39289), (90, 39256), (94, 39238), (102, 39202), (109, 39169), (110, 39166),

Gene: Dhanush_55 Start: 38142, Stop: 37483, Start Num: 8
Candidate Starts for Dhanush_55:
(Start: 8 @38142 has 629 MA's), (Start: 20 @38049 has 32 MA's), (Start: 24 @38031 has 1 MA's), (Start: 32 @37995 has 2 MA's), (Start: 36 @37983 has 23 MA's), (Start: 40 @37956 has 29 MA's), (Start: 43 @37941 has 1 MA's), (59, 37836), (78, 37710), (79, 37704), (81, 37689), (82, 37674), (94, 37593), (100, 37566), (102, 37557), (117, 37491),

Gene: Diane_39 Start: 28959, Stop: 29621, Start Num: 5
Candidate Starts for Diane_39:

(3, 28692), (Start: 5 @28959 has 33 MA's), (14, 29007), (21, 29070), (Start: 42 @29160 has 5 MA's), (Start: 51 @29205 has 4 MA's), (62, 29289), (81, 29409), (83, 29433), (86, 29454), (101, 29535), (106, 29553), (108, 29568), (115, 29601),

Gene: Dieselweasel_63 Start: 38901, Stop: 38242, Start Num: 8
Candidate Starts for Dieselweasel_63:
(Start: 8 @38901 has 629 MA's), (Start: 20 @38808 has 32 MA's), (Start: 32 @38754 has 2 MA's), (Start: 36 @38742 has 23 MA's), (Start: 40 @38715 has 29 MA's), (59, 38595), (75, 38487), (78, 38469), (79, 38463), (94, 38352), (102, 38316), (107, 38298), (109, 38286),

Gene: Dignity_61 Start: 39481, Stop: 38849, Start Num: 8
Candidate Starts for Dignity_61:
(Start: 8 @39481 has 629 MA's), (Start: 20 @39388 has 32 MA's), (Start: 36 @39334 has 23 MA's), (Start: 45 @39277 has 2 MA's), (60, 39193), (68, 39133), (78, 39073), (86, 39007), (90, 38974), (102, 38920),

Gene: Dinger_47 Start: 35422, Stop: 34763, Start Num: 8
Candidate Starts for Dinger_47:
(Start: 8 @35422 has 629 MA's), (Start: 25 @35299 has 5 MA's), (Start: 36 @35263 has 23 MA's), (Start: 40 @35236 has 29 MA's), (Start: 45 @35206 has 2 MA's), (Start: 50 @35176 has 1 MA's), (Start: 51 @35173 has 4 MA's), (52, 35167), (59, 35116), (66, 35071), (78, 34990), (79, 34984), (107, 34819), (110, 34804),

Gene: DirtDevil_55 Start: 39331, Stop: 38810, Start Num: 28
Candidate Starts for DirtDevil_55:
(Start: 28 @39331 has 135 MA's), (Start: 36 @39307 has 23 MA's), (Start: 40 @39280 has 29 MA's), (Start: 42 @39268 has 5 MA's), (Start: 50 @39220 has 1 MA's), (66, 39121), (72, 39070), (86, 38974), (90, 38941), (94, 38923), (102, 38887), (109, 38857),

Gene: DirtyDunning_54 Start: 38151, Stop: 37492, Start Num: 8
Candidate Starts for DirtyDunning_54:
(Start: 8 @38151 has 629 MA's), (Start: 20 @38058 has 32 MA's), (Start: 24 @38040 has 1 MA's), (Start: 32 @38004 has 2 MA's), (Start: 36 @37992 has 23 MA's), (Start: 40 @37965 has 29 MA's), (Start: 43 @37950 has 1 MA's), (59, 37845), (78, 37719), (79, 37713), (81, 37698), (82, 37683), (94, 37602), (100, 37575), (102, 37566), (117, 37500),

Gene: Discoknowium_51 Start: 38039, Stop: 37380, Start Num: 8
Candidate Starts for Discoknowium_51:
(Start: 8 @38039 has 629 MA's), (Start: 20 @37946 has 32 MA's), (Start: 24 @37928 has 1 MA's), (Start: 32 @37886 has 2 MA's), (Start: 36 @37874 has 23 MA's), (Start: 40 @37847 has 29 MA's), (Start: 42 @37835 has 5 MA's), (68, 37673), (79, 37607), (82, 37577), (86, 37547), (88, 37541), (90, 37514), (94, 37496), (100, 37469), (102, 37460), (107, 37442), (109, 37430), (110, 37427),

Gene: Dixon_58 Start: 37734, Stop: 37081, Start Num: 8
Candidate Starts for Dixon_58:
(Start: 8 @37734 has 629 MA's), (Start: 20 @37641 has 32 MA's), (Start: 32 @37581 has 2 MA's), (Start: 36 @37569 has 23 MA's), (Start: 40 @37542 has 29 MA's), (49, 37485), (59, 37434), (60, 37428), (81, 37287), (82, 37272), (86, 37242), (90, 37209), (107, 37137), (108, 37128), (110, 37122), (115, 37098),

Gene: DontArgue_54 Start: 37214, Stop: 36555, Start Num: 8
Candidate Starts for DontArgue_54:

(Start: 8 @37214 has 629 MA's), (Start: 20 @37121 has 32 MA's), (Start: 32 @37067 has 2 MA's), (Start: 36 @37055 has 23 MA's), (Start: 40 @37028 has 29 MA's), (Start: 43 @37013 has 1 MA's), (59, 36908), (67, 36860), (75, 36800), (79, 36776), (81, 36761), (82, 36746), (102, 36629), (107, 36611), (117, 36563),

Gene: Doom_53 Start: 39055, Stop: 38534, Start Num: 28
Candidate Starts for Doom_53:
(Start: 28 @39055 has 135 MA's), (Start: 36 @39031 has 23 MA's), (Start: 40 @39004 has 29 MA's), (Start: 42 @38992 has 5 MA's), (Start: 50 @38944 has 1 MA's), (72, 38794), (86, 38698), (87, 38695), (90, 38665), (94, 38647), (102, 38611), (109, 38581),

Gene: Dorothea_60 Start: 37728, Stop: 37096, Start Num: 8
Candidate Starts for Dorothea_60:
(Start: 8 @37728 has 629 MA's), (Start: 20 @37635 has 32 MA's), (Start: 36 @37581 has 23 MA's), (Start: 45 @37524 has 2 MA's), (59, 37446), (68, 37380), (81, 37299), (86, 37254), (90, 37221), (94, 37203), (102, 37167), (109, 37137), (110, 37134),

Gene: DrFeelGood_52 Start: 38591, Stop: 38013, Start Num: 19
Candidate Starts for DrFeelGood_52:
(Start: 19 @38591 has 39 MA's), (Start: 28 @38534 has 135 MA's), (Start: 36 @38510 has 23 MA's), (Start: 40 @38483 has 29 MA's), (Start: 42 @38471 has 5 MA's), (Start: 50 @38423 has 1 MA's), (72, 38273), (86, 38177), (87, 38174), (90, 38144), (94, 38126), (102, 38090), (109, 38060),

Gene: DrParker_30 Start: 21427, Stop: 20756, Start Num: 12
Candidate Starts for DrParker_30:
(Start: 12 @21427 has 45 MA's), (Start: 45 @21214 has 2 MA's), (Start: 51 @21175 has 4 MA's), (63, 21082), (66, 21073), (72, 21022), (92, 20887), (100, 20845), (112, 20788), (116, 20767),

Gene: Drake55_61 Start: 39175, Stop: 38543, Start Num: 8
Candidate Starts for Drake55_61:
(Start: 8 @39175 has 629 MA's), (Start: 20 @39082 has 32 MA's), (Start: 36 @39028 has 23 MA's), (Start: 45 @38971 has 2 MA's), (59, 38893), (60, 38887), (68, 38827), (78, 38767), (81, 38746), (86, 38701), (90, 38668), (102, 38614),

Gene: Drake94_54 Start: 37266, Stop: 36607, Start Num: 8
Candidate Starts for Drake94_54:
(Start: 8 @37266 has 629 MA's), (Start: 20 @37173 has 32 MA's), (Start: 36 @37107 has 23 MA's), (Start: 40 @37080 has 29 MA's), (Start: 51 @37017 has 4 MA's), (59, 36960), (67, 36912), (81, 36813), (82, 36798), (100, 36690), (102, 36681), (107, 36663), (109, 36651), (117, 36615),

Gene: DreamCatcher_58 Start: 40191, Stop: 39670, Start Num: 28
Candidate Starts for DreamCatcher_58:
(Start: 28 @40191 has 135 MA's), (Start: 36 @40167 has 23 MA's), (Start: 40 @40140 has 29 MA's), (Start: 42 @40128 has 5 MA's), (Start: 50 @40080 has 1 MA's), (66, 39981), (72, 39930), (86, 39834), (90, 39801), (94, 39783), (102, 39747), (109, 39717),

Gene: DreamTeam1_57 Start: 38548, Stop: 37922, Start Num: 8
Candidate Starts for DreamTeam1_57:
(Start: 8 @38548 has 629 MA's), (Start: 20 @38455 has 32 MA's), (Start: 36 @38407 has 23 MA's), (Start: 40 @38380 has 29 MA's), (59, 38272), (60, 38266), (68, 38206), (75, 38164), (81, 38125), (86, 38080), (102, 37993),

Gene: Dreamboat_56 Start: 38344, Stop: 37823, Start Num: 28

Candidate Starts for Dreamboat_56:
(Start: 28 @38344 has 135 MA's), (Start: 36 @38320 has 23 MA's), (Start: 40 @38293 has 29 MA's), (Start: 42 @38281 has 5 MA's), (Start: 50 @38233 has 1 MA's), (72, 38083), (86, 37987), (90, 37954), (94, 37936), (98, 37924), (102, 37900), (109, 37870),

Gene: DroogsArmy_53 Start: 39870, Stop: 39409, Start Num: 40
Candidate Starts for DroogsArmy_53:
(Start: 20 @39963 has 32 MA's), (Start: 23 @39948 has 2 MA's), (Start: 28 @39921 has 135 MA's), (Start: 36 @39897 has 23 MA's), (Start: 40 @39870 has 29 MA's), (Start: 42 @39858 has 5 MA's), (Start: 51 @39807 has 4 MA's), (59, 39762), (75, 39654), (78, 39636), (79, 39630), (82, 39600), (86, 39570), (94, 39519), (100, 39492), (102, 39483), (109, 39453), (117, 39417),

Gene: DropBear_58 Start: 38451, Stop: 37789, Start Num: 8
Candidate Starts for DropBear_58:
(Start: 8 @38451 has 629 MA's), (Start: 20 @38358 has 32 MA's), (Start: 32 @38304 has 2 MA's), (Start: 36 @38292 has 23 MA's), (Start: 40 @38265 has 29 MA's), (Start: 43 @38250 has 1 MA's), (Start: 51 @38202 has 4 MA's), (59, 38145), (67, 38097), (75, 38037), (79, 38013), (81, 37998), (82, 37983), (86, 37953), (94, 37902), (102, 37866), (107, 37848), (117, 37800),

Gene: Druantia_55 Start: 38142, Stop: 37483, Start Num: 8
Candidate Starts for Druantia_55:
(Start: 8 @38142 has 629 MA's), (Start: 20 @38049 has 32 MA's), (Start: 24 @38031 has 1 MA's), (Start: 32 @37995 has 2 MA's), (Start: 36 @37983 has 23 MA's), (Start: 40 @37956 has 29 MA's), (Start: 43 @37941 has 1 MA's), (59, 37836), (78, 37710), (79, 37704), (81, 37689), (82, 37674), (94, 37593), (100, 37566), (102, 37557), (117, 37491),

Gene: Dublin_53 Start: 38541, Stop: 37879, Start Num: 8
Candidate Starts for Dublin_53:
(Start: 8 @38541 has 629 MA's), (Start: 20 @38448 has 32 MA's), (Start: 24 @38430 has 1 MA's), (Start: 32 @38388 has 2 MA's), (Start: 36 @38376 has 23 MA's), (Start: 40 @38349 has 29 MA's), (Start: 42 @38337 has 5 MA's), (68, 38172), (79, 38106), (82, 38076), (86, 38046), (88, 38040), (90, 38013), (94, 37995), (100, 37968), (102, 37959), (107, 37941), (109, 37929), (110, 37926),

Gene: DudeLittle_58 Start: 39047, Stop: 38415, Start Num: 8
Candidate Starts for DudeLittle_58:
(Start: 8 @39047 has 629 MA's), (Start: 20 @38954 has 32 MA's), (Start: 36 @38900 has 23 MA's), (Start: 45 @38843 has 2 MA's), (60, 38759), (68, 38699), (78, 38639), (86, 38573), (90, 38540), (102, 38486),

Gene: Dulcie_55 Start: 38956, Stop: 38435, Start Num: 28
Candidate Starts for Dulcie_55:
(Start: 28 @38956 has 135 MA's), (Start: 36 @38932 has 23 MA's), (Start: 40 @38905 has 29 MA's), (Start: 42 @38893 has 5 MA's), (Start: 50 @38845 has 1 MA's), (66, 38746), (72, 38695), (86, 38599), (90, 38566), (94, 38548), (102, 38512), (109, 38482),

Gene: Duplo_61 Start: 38938, Stop: 38306, Start Num: 8
Candidate Starts for Duplo_61:
(Start: 8 @38938 has 629 MA's), (Start: 20 @38845 has 32 MA's), (Start: 36 @38791 has 23 MA's), (Start: 40 @38764 has 29 MA's), (Start: 45 @38734 has 2 MA's), (59, 38656), (60, 38650), (68, 38590), (81, 38509), (86, 38464), (90, 38431), (94, 38413), (102, 38377),

Gene: Dussy_56 Start: 39730, Stop: 39206, Start Num: 28
Candidate Starts for Dussy_56:

(Start: 28 @39730 has 135 MA's), (Start: 36 @39706 has 23 MA's), (Start: 40 @39679 has 29 MA's), (Start: 42 @39667 has 5 MA's), (Start: 50 @39619 has 1 MA's), (66, 39520), (72, 39469), (86, 39373), (87, 39370), (90, 39340), (94, 39322), (102, 39286), (109, 39253), (110, 39250),

Gene: DustyMartin_59 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for DustyMartin_59:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 51 @37884 has 4 MA's), (59, 37827), (67, 37779), (75, 37719), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (100, 37557), (102, 37548), (107, 37530), (109, 37518), (117, 37482),

Gene: Dwayne_39 Start: 28180, Stop: 28845, Start Num: 6
Candidate Starts for Dwayne_39:
(Start: 6 @28180 has 40 MA's), (Start: 8 @28195 has 629 MA's), (Start: 10 @28198 has 1 MA's), (Start: 36 @28339 has 23 MA's), (Start: 51 @28423 has 4 MA's), (59, 28480), (60, 28486), (62, 28507), (70, 28552), (72, 28576), (75, 28588), (77, 28597), (78, 28606), (83, 28651), (86, 28672), (101, 28753), (106, 28774), (115, 28822),

Gene: Dynamix_56 Start: 38930, Stop: 38409, Start Num: 28
Candidate Starts for Dynamix_56:
(Start: 28 @38930 has 135 MA's), (Start: 36 @38906 has 23 MA's), (Start: 40 @38879 has 29 MA's), (Start: 42 @38867 has 5 MA's), (Start: 50 @38819 has 1 MA's), (66, 38720), (72, 38669), (86, 38573), (87, 38570), (90, 38540), (94, 38522), (95, 38519), (102, 38486), (109, 38456), (110, 38453),

Gene: ELB20_38 Start: 29365, Stop: 30027, Start Num: 5
Candidate Starts for ELB20_38:
(Start: 5 @29365 has 33 MA's), (14, 29413), (21, 29476), (Start: 42 @29566 has 5 MA's), (Start: 51 @29611 has 4 MA's), (62, 29695), (63, 29704), (81, 29815), (83, 29839), (86, 29860), (106, 29959), (108, 29974), (113, 29995),

Gene: EZMoney23_56 Start: 38474, Stop: 37935, Start Num: 20
Candidate Starts for EZMoney23_56:
(Start: 8 @38567 has 629 MA's), (Start: 20 @38474 has 32 MA's), (29, 38438), (Start: 36 @38420 has 23 MA's), (Start: 45 @38363 has 2 MA's), (59, 38285), (60, 38279), (66, 38240), (68, 38219), (81, 38138), (86, 38093), (90, 38060), (94, 38042), (102, 38006),

Gene: Eagle_55 Start: 38017, Stop: 37505, Start Num: 32
Candidate Starts for Eagle_55:
(Start: 8 @38164 has 629 MA's), (Start: 20 @38071 has 32 MA's), (Start: 24 @38053 has 1 MA's), (Start: 32 @38017 has 2 MA's), (Start: 36 @38005 has 23 MA's), (Start: 40 @37978 has 29 MA's), (Start: 43 @37963 has 1 MA's), (59, 37858), (78, 37732), (79, 37726), (81, 37711), (82, 37696), (94, 37615), (100, 37588), (102, 37579), (117, 37513),

Gene: EagleEye_62 Start: 39020, Stop: 38382, Start Num: 8
Candidate Starts for EagleEye_62:
(Start: 8 @39020 has 629 MA's), (Start: 20 @38927 has 32 MA's), (Start: 36 @38873 has 23 MA's), (Start: 40 @38846 has 29 MA's), (Start: 43 @38831 has 1 MA's), (Start: 45 @38816 has 2 MA's), (60, 38729), (68, 38669), (75, 38624), (82, 38570), (86, 38540), (94, 38489), (102, 38453),

Gene: Eaglepride_57 Start: 38218, Stop: 37559, Start Num: 8
Candidate Starts for Eaglepride_57:
(Start: 8 @38218 has 629 MA's), (Start: 20 @38125 has 32 MA's), (Start: 32 @38071 has 2 MA's), (Start: 36 @38059 has 23 MA's), (Start: 40 @38032 has 29 MA's), (Start: 43 @38017 has 1 MA's), (59,

37912), (67, 37864), (75, 37804), (78, 37786), (79, 37780), (81, 37765), (82, 37750), (98, 37657), (100, 37642), (102, 37633), (107, 37615), (109, 37603), (117, 37567),

Gene: Eapen_55 Start: 38134, Stop: 37475, Start Num: 8
Candidate Starts for Eapen_55:
(Start: 8 @38134 has 629 MA's), (Start: 20 @38041 has 32 MA's), (Start: 24 @38023 has 1 MA's), (Start: 32 @37987 has 2 MA's), (Start: 36 @37975 has 23 MA's), (Start: 40 @37948 has 29 MA's), (Start: 43 @37933 has 1 MA's), (59, 37828), (78, 37702), (79, 37696), (81, 37681), (82, 37666), (94, 37585), (100, 37558), (102, 37549), (117, 37483),

Gene: Ebony_59 Start: 38231, Stop: 37584, Start Num: 8
Candidate Starts for Ebony_59:
(Start: 8 @38231 has 629 MA's), (Start: 20 @38138 has 32 MA's), (Start: 36 @38084 has 23 MA's), (Start: 40 @38057 has 29 MA's), (Start: 45 @38027 has 2 MA's), (60, 37931), (68, 37871), (79, 37805), (81, 37790), (86, 37745), (89, 37736), (90, 37712), (102, 37658), (110, 37625),

Gene: Echild_59 Start: 38356, Stop: 37724, Start Num: 8
Candidate Starts for Echild_59:
(Start: 8 @38356 has 629 MA's), (Start: 20 @38263 has 32 MA's), (Start: 36 @38209 has 23 MA's), (Start: 45 @38152 has 2 MA's), (60, 38068), (68, 38008), (78, 37948), (86, 37882), (90, 37849), (102, 37795),

Gene: Eddasa_40 Start: 28336, Stop: 28842, Start Num: 36
Candidate Starts for Eddasa_40:
(Start: 6 @28177 has 40 MA's), (Start: 8 @28192 has 629 MA's), (Start: 10 @28195 has 1 MA's), (Start: 36 @28336 has 23 MA's), (Start: 51 @28420 has 4 MA's), (59, 28477), (60, 28483), (62, 28504), (63, 28513), (70, 28549), (72, 28573), (75, 28585), (76, 28588), (77, 28594), (78, 28603), (83, 28648), (86, 28669), (101, 28750), (106, 28771), (115, 28819),

Gene: Edison31_54 Start: 38061, Stop: 37402, Start Num: 8
Candidate Starts for Edison31_54:
(Start: 8 @38061 has 629 MA's), (Start: 20 @37968 has 32 MA's), (Start: 36 @37902 has 23 MA's), (Start: 40 @37875 has 29 MA's), (Start: 51 @37812 has 4 MA's), (59, 37755), (67, 37707), (75, 37647), (78, 37629), (79, 37623), (81, 37608), (82, 37593), (100, 37485), (102, 37476), (107, 37458), (109, 37446), (117, 37410),

Gene: EdogawaKiddo_59 Start: 38786, Stop: 38274, Start Num: 25
Candidate Starts for EdogawaKiddo_59:
(Start: 8 @38903 has 629 MA's), (Start: 20 @38810 has 32 MA's), (Start: 25 @38786 has 5 MA's), (Start: 36 @38762 has 23 MA's), (Start: 40 @38735 has 29 MA's), (Start: 43 @38720 has 1 MA's), (59, 38624), (60, 38618), (66, 38579), (68, 38558), (86, 38432), (90, 38399), (102, 38345), (109, 38315),

Gene: Edtherson_54 Start: 39025, Stop: 38504, Start Num: 28
Candidate Starts for Edtherson_54:
(Start: 28 @39025 has 135 MA's), (Start: 36 @39001 has 23 MA's), (Start: 40 @38974 has 29 MA's), (Start: 42 @38962 has 5 MA's), (Start: 50 @38914 has 1 MA's), (66, 38815), (72, 38764), (86, 38668), (90, 38635), (94, 38617), (102, 38581), (109, 38551),

Gene: Eidsmoe_59 Start: 38750, Stop: 38289, Start Num: 40
Candidate Starts for Eidsmoe_59:
(Start: 8 @38918 has 629 MA's), (Start: 20 @38825 has 32 MA's), (Start: 25 @38801 has 5 MA's), (Start: 36 @38777 has 23 MA's), (Start: 40 @38750 has 29 MA's), (Start: 43 @38735 has 1 MA's), (59, 38639), (60, 38633), (66, 38594), (68, 38573), (79, 38507), (86, 38447), (90, 38414), (102, 38360),

Gene: Ejemplo_38 Start: 28139, Stop: 28789, Start Num: 8
Candidate Starts for Ejemplo_38:
(Start: 6 @28124 has 40 MA's), (Start: 8 @28139 has 629 MA's), (Start: 10 @28142 has 1 MA's), (Start: 51 @28367 has 4 MA's), (59, 28424), (60, 28430), (62, 28451), (70, 28496), (72, 28520), (75, 28532), (77, 28541), (78, 28550), (83, 28595), (86, 28616), (101, 28697), (106, 28718), (115, 28766),

Gene: ElGato_41 Start: 29265, Stop: 29930, Start Num: 6
Candidate Starts for ElGato_41:
(Start: 6 @29265 has 40 MA's), (Start: 8 @29280 has 629 MA's), (Start: 51 @29508 has 4 MA's), (59, 29565), (60, 29571), (62, 29592), (63, 29601), (72, 29661), (73, 29664), (75, 29673), (83, 29736), (86, 29757), (101, 29838), (106, 29859),

Gene: ElTiger69_56 Start: 38498, Stop: 37836, Start Num: 8
Candidate Starts for ElTiger69_56:
(Start: 8 @38498 has 629 MA's), (Start: 20 @38405 has 32 MA's), (Start: 24 @38387 has 1 MA's), (Start: 32 @38345 has 2 MA's), (Start: 36 @38333 has 23 MA's), (Start: 40 @38306 has 29 MA's), (Start: 42 @38294 has 5 MA's), (Start: 43 @38291 has 1 MA's), (68, 38129), (79, 38063), (81, 38048), (82, 38033), (86, 38003), (88, 37997), (90, 37970), (94, 37952), (100, 37925), (102, 37916), (107, 37898), (109, 37886), (110, 37883),

Gene: Elephantoon_58 Start: 38290, Stop: 37664, Start Num: 8
Candidate Starts for Elephantoon_58:
(Start: 8 @38290 has 629 MA's), (Start: 15 @38254 has 1 MA's), (Start: 20 @38197 has 32 MA's), (Start: 36 @38149 has 23 MA's), (Start: 40 @38122 has 29 MA's), (Start: 45 @38092 has 2 MA's), (59, 38014), (60, 38008), (62, 37987), (68, 37948), (75, 37906), (78, 37888), (81, 37867), (86, 37822), (90, 37789), (102, 37735),

Gene: Elle_60 Start: 36882, Stop: 36250, Start Num: 9
Candidate Starts for Elle_60:
(Start: 9 @36882 has 3 MA's), (Start: 20 @36792 has 32 MA's), (Start: 40 @36711 has 29 MA's), (Start: 45 @36681 has 2 MA's), (59, 36603), (60, 36597), (75, 36495), (79, 36471), (81, 36456), (86, 36411), (89, 36402), (102, 36324),

Gene: Emaanora_42 Start: 28153, Stop: 28803, Start Num: 8
Candidate Starts for Emaanora_42:
(Start: 6 @28138 has 40 MA's), (Start: 8 @28153 has 629 MA's), (Start: 10 @28156 has 1 MA's), (Start: 36 @28297 has 23 MA's), (Start: 51 @28381 has 4 MA's), (59, 28438), (60, 28444), (62, 28465), (70, 28510), (72, 28534), (75, 28546), (77, 28555), (78, 28564), (83, 28609), (86, 28630), (101, 28711), (106, 28732), (115, 28780),

Gene: EmyBug_58 Start: 38920, Stop: 38291, Start Num: 8
Candidate Starts for EmyBug_58:
(Start: 8 @38920 has 629 MA's), (Start: 20 @38827 has 32 MA's), (Start: 25 @38803 has 5 MA's), (Start: 36 @38779 has 23 MA's), (Start: 40 @38752 has 29 MA's), (Start: 43 @38737 has 1 MA's), (59, 38641), (60, 38635), (66, 38596), (68, 38575), (79, 38509), (86, 38449), (90, 38416), (102, 38362),

Gene: EnochSoames_42 Start: 28331, Stop: 28837, Start Num: 36
Candidate Starts for EnochSoames_42:
(Start: 6 @28172 has 40 MA's), (Start: 8 @28187 has 629 MA's), (Start: 10 @28190 has 1 MA's), (Start: 36 @28331 has 23 MA's), (Start: 51 @28415 has 4 MA's), (59, 28472), (60, 28478), (62, 28499), (63, 28508), (70, 28544), (72, 28568), (75, 28580), (76, 28583), (77, 28589), (78, 28598), (83, 28643), (101, 28745), (106, 28766), (115, 28814),

Gene: Enochoraptor_30 Start: 21346, Stop: 20675, Start Num: 12
Candidate Starts for Enochoraptor_30:
(Start: 12 @21346 has 45 MA's), (Start: 45 @21133 has 2 MA's), (Start: 51 @21094 has 4 MA's), (63, 21001), (66, 20992), (68, 20971), (72, 20941), (92, 20806), (100, 20764), (112, 20707), (116, 20686),

Gene: Enoki_30 Start: 21357, Stop: 20686, Start Num: 12
Candidate Starts for Enoki_30:
(Start: 12 @21357 has 45 MA's), (Start: 45 @21144 has 2 MA's), (Start: 51 @21105 has 4 MA's), (63, 21012), (66, 21003), (68, 20982), (72, 20952), (92, 20817), (100, 20775), (112, 20718), (116, 20697),

Gene: EnzoK_54 Start: 36780, Stop: 36256, Start Num: 28
Candidate Starts for EnzoK_54:
(Start: 28 @36780 has 135 MA's), (Start: 36 @36756 has 23 MA's), (Start: 40 @36729 has 29 MA's), (Start: 42 @36717 has 5 MA's), (Start: 50 @36669 has 1 MA's), (72, 36519), (86, 36423), (87, 36420), (90, 36390), (94, 36372), (102, 36336), (109, 36303), (110, 36300),

Gene: EpicPhail_63 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for EpicPhail_63:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: Epsocamisio_63 Start: 37947, Stop: 37408, Start Num: 20
Candidate Starts for Epsocamisio_63:
(Start: 8 @38040 has 629 MA's), (Start: 12 @38022 has 45 MA's), (Start: 20 @37947 has 32 MA's), (Start: 40 @37869 has 29 MA's), (Start: 43 @37854 has 1 MA's), (Start: 45 @37839 has 2 MA's), (65, 37719), (66, 37716), (77, 37644), (81, 37614), (90, 37536), (102, 37482),

Gene: Equemioh13_60 Start: 38998, Stop: 38366, Start Num: 8
Candidate Starts for Equemioh13_60:
(Start: 8 @38998 has 629 MA's), (Start: 20 @38905 has 32 MA's), (Start: 36 @38851 has 23 MA's), (Start: 45 @38794 has 2 MA's), (55, 38740), (59, 38716), (60, 38710), (68, 38650), (78, 38590), (81, 38569), (86, 38524), (90, 38491), (102, 38437),

Gene: EricB_59 Start: 37711, Stop: 37079, Start Num: 8
Candidate Starts for EricB_59:
(Start: 8 @37711 has 629 MA's), (Start: 20 @37618 has 32 MA's), (Start: 36 @37564 has 23 MA's), (Start: 45 @37507 has 2 MA's), (59, 37429), (68, 37363), (81, 37282), (86, 37237), (90, 37204), (94, 37186), (102, 37150), (109, 37120), (110, 37117),

Gene: Erik_48 Start: 35212, Stop: 34553, Start Num: 8
Candidate Starts for Erik_48:
(Start: 8 @35212 has 629 MA's), (Start: 25 @35089 has 5 MA's), (Start: 36 @35053 has 23 MA's), (Start: 40 @35026 has 29 MA's), (Start: 45 @34996 has 2 MA's), (Start: 50 @34966 has 1 MA's), (Start: 51 @34963 has 4 MA's), (52, 34957), (59, 34906), (66, 34861), (68, 34840), (78, 34780), (79, 34774), (107, 34609), (110, 34594),

Gene: Eris_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Eris_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94,

37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Eros_55 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Eros_55:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Esperer_39 Start: 27636, Stop: 28301, Start Num: 6
Candidate Starts for Esperer_39:
(Start: 6 @27636 has 40 MA's), (Start: 8 @27651 has 629 MA's), (Start: 10 @27654 has 1 MA's), (Start: 36 @27795 has 23 MA's), (Start: 51 @27879 has 4 MA's), (59, 27936), (60, 27942), (62, 27963), (63, 27972), (70, 28008), (72, 28032), (75, 28044), (77, 28053), (78, 28062), (83, 28107), (101, 28209), (106, 28230), (115, 28278),

Gene: Espica_48 Start: 35222, Stop: 34563, Start Num: 8
Candidate Starts for Espica_48:
(Start: 8 @35222 has 629 MA's), (Start: 25 @35099 has 5 MA's), (Start: 36 @35063 has 23 MA's), (Start: 40 @35036 has 29 MA's), (Start: 45 @35006 has 2 MA's), (Start: 50 @34976 has 1 MA's), (Start: 51 @34973 has 4 MA's), (52, 34967), (59, 34916), (66, 34871), (68, 34850), (79, 34784), (107, 34619), (110, 34604),

Gene: Espresso_54 Start: 39707, Stop: 39060, Start Num: 11
Candidate Starts for Espresso_54:
(Start: 11 @39707 has 29 MA's), (Start: 28 @39584 has 135 MA's), (Start: 40 @39533 has 29 MA's), (Start: 42 @39521 has 5 MA's), (57, 39440), (62, 39392), (67, 39371), (68, 39353), (78, 39293), (86, 39227), (90, 39194), (94, 39176), (102, 39140), (109, 39107), (110, 39104),

Gene: Et2Brutus_58 Start: 38194, Stop: 37547, Start Num: 8
Candidate Starts for Et2Brutus_58:
(Start: 8 @38194 has 629 MA's), (Start: 20 @38101 has 32 MA's), (Start: 36 @38047 has 23 MA's), (Start: 40 @38020 has 29 MA's), (Start: 45 @37990 has 2 MA's), (60, 37894), (68, 37834), (79, 37768), (81, 37753), (86, 37708), (89, 37699), (90, 37675), (102, 37621), (110, 37588),

Gene: EtoileNova_58 Start: 38518, Stop: 37856, Start Num: 8
Candidate Starts for EtoileNova_58:
(Start: 8 @38518 has 629 MA's), (Start: 20 @38425 has 32 MA's), (Start: 23 @38410 has 2 MA's), (Start: 32 @38371 has 2 MA's), (Start: 36 @38359 has 23 MA's), (Start: 40 @38332 has 29 MA's), (59, 38212), (67, 38164), (75, 38104), (78, 38086), (79, 38080), (81, 38065), (82, 38050), (102, 37933), (107, 37915),

Gene: Euphoria_52 Start: 38955, Stop: 38311, Start Num: 11
Candidate Starts for Euphoria_52:
(Start: 11 @38955 has 29 MA's), (Start: 28 @38832 has 135 MA's), (Start: 40 @38781 has 29 MA's), (Start: 42 @38769 has 5 MA's), (62, 38640), (67, 38619), (68, 38601), (86, 38475), (90, 38442), (94, 38424), (102, 38388), (109, 38358),

Gene: Eurydice_56 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Eurydice_56:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94,

37587), (100, 37560), (102, 37551), (117, 37485),

Gene: EvilGenius_61 Start: 40659, Stop: 40027, Start Num: 8
Candidate Starts for EvilGenius_61:
(Start: 8 @40659 has 629 MA's), (Start: 20 @40566 has 32 MA's), (Start: 36 @40512 has 23 MA's), (Start: 45 @40455 has 2 MA's), (60, 40371), (68, 40311), (78, 40251), (86, 40185), (90, 40152), (102, 40098),

Gene: Expelliarmus_57 Start: 37938, Stop: 37285, Start Num: 8
Candidate Starts for Expelliarmus_57:
(Start: 8 @37938 has 629 MA's), (Start: 20 @37845 has 32 MA's), (Start: 32 @37785 has 2 MA's), (Start: 36 @37773 has 23 MA's), (Start: 40 @37746 has 29 MA's), (49, 37689), (59, 37638), (60, 37632), (81, 37491), (82, 37476), (86, 37446), (90, 37413), (107, 37341), (108, 37332), (110, 37326), (115, 37302),

Gene: ExplosioNervosa_59 Start: 38986, Stop: 38357, Start Num: 8
Candidate Starts for ExplosioNervosa_59:
(Start: 8 @38986 has 629 MA's), (Start: 20 @38893 has 32 MA's), (Start: 25 @38869 has 5 MA's), (Start: 36 @38845 has 23 MA's), (Start: 40 @38818 has 29 MA's), (Start: 43 @38803 has 1 MA's), (59, 38707), (60, 38701), (66, 38662), (68, 38641), (79, 38575), (86, 38515), (90, 38482), (102, 38428),

Gene: Eyeball_56 Start: 39177, Stop: 38599, Start Num: 19
Candidate Starts for Eyeball_56:
(Start: 19 @39177 has 39 MA's), (Start: 28 @39120 has 135 MA's), (Start: 36 @39096 has 23 MA's), (Start: 40 @39069 has 29 MA's), (Start: 42 @39057 has 5 MA's), (Start: 50 @39009 has 1 MA's), (66, 38910), (72, 38859), (86, 38763), (87, 38760), (90, 38730), (94, 38712), (95, 38709), (102, 38676), (109, 38646), (110, 38643),

Gene: Fabian_55 Start: 30569, Stop: 29937, Start Num: 8
Candidate Starts for Fabian_55:
(Start: 8 @30569 has 629 MA's), (Start: 12 @30551 has 45 MA's), (14, 30539), (Start: 45 @30371 has 2 MA's), (48, 30347), (66, 30245), (78, 30164), (86, 30098), (95, 30044), (96, 30041),

Gene: Fajezeel_56 Start: 39091, Stop: 38570, Start Num: 28
Candidate Starts for Fajezeel_56:
(Start: 28 @39091 has 135 MA's), (Start: 36 @39067 has 23 MA's), (Start: 40 @39040 has 29 MA's), (Start: 42 @39028 has 5 MA's), (Start: 50 @38980 has 1 MA's), (72, 38830), (86, 38734), (87, 38731), (90, 38701), (94, 38683), (102, 38647), (109, 38617),

Gene: Fameo_59 Start: 39406, Stop: 38774, Start Num: 8
Candidate Starts for Fameo_59:
(Start: 8 @39406 has 629 MA's), (Start: 20 @39313 has 32 MA's), (29, 39277), (Start: 36 @39259 has 23 MA's), (Start: 45 @39202 has 2 MA's), (60, 39118), (68, 39058), (78, 38998), (86, 38932), (90, 38899), (102, 38845),

Gene: Farber_62 Start: 38888, Stop: 38229, Start Num: 8
Candidate Starts for Farber_62:
(Start: 8 @38888 has 629 MA's), (Start: 20 @38795 has 32 MA's), (Start: 32 @38741 has 2 MA's), (Start: 36 @38729 has 23 MA's), (Start: 40 @38702 has 29 MA's), (59, 38582), (75, 38474), (78, 38456), (79, 38450), (94, 38339), (102, 38303), (107, 38285), (109, 38273),

Gene: FatCactus_53 Start: 36745, Stop: 36098, Start Num: 8
Candidate Starts for FatCactus_53:

(Start: 8 @36745 has 629 MA's), (Start: 20 @36652 has 32 MA's), (Start: 28 @36610 has 135 MA's), (Start: 32 @36598 has 2 MA's), (Start: 36 @36586 has 23 MA's), (Start: 50 @36499 has 1 MA's), (59, 36451), (67, 36403), (72, 36355), (78, 36325), (90, 36226), (98, 36196), (107, 36154), (115, 36115),

Gene: Fayely_59 Start: 38887, Stop: 38258, Start Num: 8
Candidate Starts for Fayely_59:
(Start: 8 @38887 has 629 MA's), (Start: 20 @38794 has 32 MA's), (Start: 25 @38770 has 5 MA's), (Start: 36 @38746 has 23 MA's), (Start: 40 @38719 has 29 MA's), (Start: 43 @38704 has 1 MA's), (59, 38608), (60, 38602), (66, 38563), (68, 38542), (79, 38476), (86, 38416), (90, 38383), (102, 38329),

Gene: Fenn_57 Start: 40876, Stop: 40355, Start Num: 28
Candidate Starts for Fenn_57:
(Start: 19 @40933 has 39 MA's), (Start: 28 @40876 has 135 MA's), (Start: 36 @40852 has 23 MA's), (38, 40840), (Start: 40 @40825 has 29 MA's), (Start: 42 @40813 has 5 MA's), (Start: 50 @40765 has 1 MA's), (66, 40666), (72, 40615), (86, 40519), (90, 40486), (94, 40468), (102, 40432), (109, 40402),

Gene: Fernando_62 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for Fernando_62:
(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: Fibonacci_59 Start: 38200, Stop: 37553, Start Num: 8
Candidate Starts for Fibonacci_59:
(Start: 8 @38200 has 629 MA's), (Start: 20 @38107 has 32 MA's), (Start: 36 @38053 has 23 MA's), (Start: 40 @38026 has 29 MA's), (Start: 45 @37996 has 2 MA's), (60, 37900), (68, 37840), (79, 37774), (81, 37759), (86, 37714), (89, 37705), (90, 37681), (102, 37627), (110, 37594),

Gene: FiringLine_59 Start: 39056, Stop: 38424, Start Num: 8
Candidate Starts for FiringLine_59:
(Start: 8 @39056 has 629 MA's), (Start: 20 @38963 has 32 MA's), (Start: 36 @38909 has 23 MA's), (Start: 45 @38852 has 2 MA's), (68, 38708), (78, 38648), (86, 38582), (90, 38549), (94, 38531), (102, 38495),

Gene: First_0061 Start: 39106, Stop: 38621, Start Num: 36
Candidate Starts for First_0061:
(Start: 20 @39160 has 32 MA's), (Start: 36 @39106 has 23 MA's), (Start: 45 @39049 has 2 MA's), (60, 38965), (68, 38905), (79, 38839), (86, 38779), (90, 38746), (94, 38728), (102, 38692),

Gene: Flare16_59 Start: 38754, Stop: 38122, Start Num: 8
Candidate Starts for Flare16_59:
(Start: 8 @38754 has 629 MA's), (Start: 20 @38661 has 32 MA's), (Start: 36 @38607 has 23 MA's), (Start: 45 @38550 has 2 MA's), (55, 38496), (59, 38472), (60, 38466), (68, 38406), (78, 38346), (81, 38325), (86, 38280), (90, 38247), (102, 38193),

Gene: Flaverint_60 Start: 38658, Stop: 38011, Start Num: 8
Candidate Starts for Flaverint_60:
(Start: 8 @38658 has 629 MA's), (Start: 20 @38565 has 32 MA's), (Start: 36 @38511 has 23 MA's), (Start: 40 @38484 has 29 MA's), (Start: 45 @38454 has 2 MA's), (60, 38358), (68, 38298), (79, 38232), (81, 38217), (86, 38172), (89, 38163), (90, 38139), (102, 38085), (110, 38052),

Gene: Florean_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Florean_55:

(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: Florence1_51 Start: 37905, Stop: 37246, Start Num: 8
Candidate Starts for Florence1_51:
(Start: 8 @37905 has 629 MA's), (Start: 20 @37812 has 32 MA's), (Start: 24 @37794 has 1 MA's), (Start: 32 @37752 has 2 MA's), (Start: 36 @37740 has 23 MA's), (Start: 40 @37713 has 29 MA's), (Start: 42 @37701 has 5 MA's), (Start: 51 @37650 has 4 MA's), (79, 37473), (80, 37464), (82, 37443), (85, 37428), (86, 37413), (88, 37407), (90, 37380), (94, 37362), (100, 37335), (102, 37326), (107, 37308), (109, 37296), (110, 37293),

Gene: Florence4_53 Start: 37905, Stop: 37246, Start Num: 8
Candidate Starts for Florence4_53:
(Start: 8 @37905 has 629 MA's), (Start: 20 @37812 has 32 MA's), (Start: 24 @37794 has 1 MA's), (Start: 32 @37752 has 2 MA's), (Start: 36 @37740 has 23 MA's), (Start: 40 @37713 has 29 MA's), (Start: 42 @37701 has 5 MA's), (Start: 51 @37650 has 4 MA's), (79, 37473), (80, 37464), (82, 37443), (85, 37428), (86, 37413), (88, 37407), (90, 37380), (94, 37362), (100, 37335), (102, 37326), (107, 37308), (109, 37296), (110, 37293),

Gene: FlowerPower_57 Start: 30569, Stop: 29937, Start Num: 8
Candidate Starts for FlowerPower_57:
(Start: 8 @30569 has 629 MA's), (Start: 12 @30551 has 45 MA's), (14, 30539), (Start: 45 @30371 has 2 MA's), (48, 30347), (66, 30245), (78, 30164), (86, 30098), (95, 30044), (96, 30041),

Gene: Flux_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Flux_55:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: FlyCatcher_61 Start: 40954, Stop: 40307, Start Num: 8
Candidate Starts for FlyCatcher_61:
(Start: 8 @40954 has 629 MA's), (Start: 20 @40861 has 32 MA's), (Start: 23 @40846 has 2 MA's), (Start: 28 @40819 has 135 MA's), (34, 40804), (Start: 40 @40768 has 29 MA's), (Start: 42 @40756 has 5 MA's), (Start: 43 @40753 has 1 MA's), (Start: 51 @40705 has 4 MA's), (59, 40660), (68, 40594), (75, 40552), (79, 40528), (82, 40498), (91, 40432), (100, 40390), (102, 40381), (115, 40324), (117, 40315),

Gene: ForGetIt_53 Start: 38397, Stop: 37738, Start Num: 8
Candidate Starts for ForGetIt_53:
(Start: 8 @38397 has 629 MA's), (Start: 20 @38304 has 32 MA's), (Start: 24 @38286 has 1 MA's), (Start: 32 @38244 has 2 MA's), (Start: 36 @38232 has 23 MA's), (Start: 40 @38205 has 29 MA's), (Start: 42 @38193 has 5 MA's), (68, 38031), (79, 37965), (82, 37935), (86, 37905), (88, 37899), (90, 37872), (94, 37854), (100, 37827), (102, 37818), (107, 37800), (109, 37788), (110, 37785),

Gene: ForesterFrank_57 Start: 39371, Stop: 38739, Start Num: 8
Candidate Starts for ForesterFrank_57:
(Start: 8 @39371 has 629 MA's), (Start: 20 @39278 has 32 MA's), (Start: 36 @39224 has 23 MA's), (Start: 45 @39167 has 2 MA's), (60, 39083), (68, 39023), (79, 38957), (86, 38897), (90, 38864), (94, 38846), (102, 38810),

Gene: Forsytheast_54 Start: 38503, Stop: 37982, Start Num: 28
Candidate Starts for Forsytheast_54:
(Start: 28 @38503 has 135 MA's), (Start: 36 @38479 has 23 MA's), (Start: 40 @38452 has 29 MA's), (Start: 42 @38440 has 5 MA's), (Start: 50 @38392 has 1 MA's), (66, 38293), (72, 38242), (86, 38146), (90, 38113), (94, 38095), (102, 38059), (109, 38029),

Gene: Francis47_53 Start: 40145, Stop: 39624, Start Num: 28
Candidate Starts for Francis47_53:
(Start: 28 @40145 has 135 MA's), (Start: 36 @40121 has 23 MA's), (Start: 40 @40094 has 29 MA's), (Start: 42 @40082 has 5 MA's), (Start: 50 @40034 has 1 MA's), (66, 39935), (72, 39884), (86, 39788), (90, 39755), (94, 39737), (102, 39701), (109, 39671),

Gene: Fred313_57 Start: 38142, Stop: 37480, Start Num: 8
Candidate Starts for Fred313_57:
(Start: 8 @38142 has 629 MA's), (Start: 20 @38049 has 32 MA's), (Start: 32 @37995 has 2 MA's), (Start: 36 @37983 has 23 MA's), (Start: 40 @37956 has 29 MA's), (Start: 43 @37941 has 1 MA's), (Start: 51 @37893 has 4 MA's), (59, 37836), (67, 37788), (75, 37728), (79, 37704), (81, 37689), (82, 37674), (86, 37644), (94, 37593), (102, 37557), (107, 37539), (117, 37491),

Gene: Froghopper_52 Start: 37870, Stop: 37349, Start Num: 28
Candidate Starts for Froghopper_52:
(Start: 28 @37870 has 135 MA's), (Start: 36 @37846 has 23 MA's), (Start: 40 @37819 has 29 MA's), (Start: 42 @37807 has 5 MA's), (Start: 50 @37759 has 1 MA's), (72, 37609), (86, 37513), (87, 37510), (90, 37480), (94, 37462), (102, 37426), (109, 37396),

Gene: Funston_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Funston_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: GMonster_52 Start: 37727, Stop: 37203, Start Num: 28
Candidate Starts for GMonster_52:
(Start: 28 @37727 has 135 MA's), (Start: 36 @37703 has 23 MA's), (Start: 40 @37676 has 29 MA's), (Start: 42 @37664 has 5 MA's), (Start: 50 @37616 has 1 MA's), (72, 37466), (86, 37370), (87, 37367), (90, 37337), (94, 37319), (102, 37283), (109, 37253), (110, 37250),

Gene: Gachnar_55 Start: 38498, Stop: 37971, Start Num: 28
Candidate Starts for Gachnar_55:
(Start: 28 @38498 has 135 MA's), (Start: 36 @38474 has 23 MA's), (Start: 40 @38447 has 29 MA's), (Start: 42 @38435 has 5 MA's), (Start: 50 @38387 has 1 MA's), (66, 38288), (72, 38237), (86, 38141), (87, 38138), (90, 38108), (94, 38090), (102, 38054), (109, 38021), (110, 38018),

Gene: Gadost_55 Start: 38143, Stop: 37484, Start Num: 8
Candidate Starts for Gadost_55:
(Start: 8 @38143 has 629 MA's), (Start: 20 @38050 has 32 MA's), (Start: 24 @38032 has 1 MA's), (Start: 32 @37996 has 2 MA's), (Start: 36 @37984 has 23 MA's), (Start: 40 @37957 has 29 MA's), (Start: 43 @37942 has 1 MA's), (59, 37837), (78, 37711), (79, 37705), (81, 37690), (82, 37675), (94, 37594), (100, 37567), (102, 37558), (117, 37492),

Gene: GageAP_55 Start: 39744, Stop: 39100, Start Num: 11

Candidate Starts for GageAP_55:
(Start: 11 @39744 has 29 MA's), (Start: 28 @39621 has 135 MA's), (Start: 40 @39570 has 29 MA's), (Start: 42 @39558 has 5 MA's), (57, 39477), (62, 39429), (67, 39408), (68, 39390), (78, 39330), (86, 39264), (90, 39231), (94, 39213), (102, 39177), (109, 39147),

Gene: Gail_62 Start: 40003, Stop: 39377, Start Num: 8
Candidate Starts for Gail_62:
(Start: 8 @40003 has 629 MA's), (Start: 15 @39967 has 1 MA's), (Start: 20 @39910 has 32 MA's), (Start: 36 @39862 has 23 MA's), (Start: 45 @39805 has 2 MA's), (59, 39727), (68, 39661), (75, 39619), (81, 39580), (83, 39556), (86, 39535), (102, 39448), (110, 39415),

Gene: Gandalf20_57 Start: 40992, Stop: 40345, Start Num: 11
Candidate Starts for Gandalf20_57:
(Start: 11 @40992 has 29 MA's), (Start: 28 @40869 has 135 MA's), (Start: 40 @40818 has 29 MA's), (Start: 42 @40806 has 5 MA's), (57, 40725), (62, 40677), (67, 40656), (68, 40638), (78, 40578), (86, 40512), (90, 40479), (94, 40461), (102, 40425), (109, 40392), (110, 40389),

Gene: Garak_63 Start: 38202, Stop: 37570, Start Num: 8
Candidate Starts for Garak_63:
(Start: 8 @38202 has 629 MA's), (Start: 20 @38109 has 32 MA's), (Start: 36 @38055 has 23 MA's), (Start: 45 @37998 has 2 MA's), (60, 37914), (68, 37854), (86, 37728), (90, 37695), (94, 37677), (102, 37641), (107, 37623), (109, 37611), (110, 37608),

Gene: GaugeLDP_56 Start: 38955, Stop: 38323, Start Num: 8
Candidate Starts for GaugeLDP_56:
(Start: 8 @38955 has 629 MA's), (Start: 20 @38862 has 32 MA's), (Start: 36 @38808 has 23 MA's), (Start: 45 @38751 has 2 MA's), (59, 38673), (60, 38667), (68, 38607), (79, 38541), (81, 38526), (86, 38481), (90, 38448), (102, 38394),

Gene: Gemma_61 Start: 38780, Stop: 38121, Start Num: 8
Candidate Starts for Gemma_61:
(Start: 8 @38780 has 629 MA's), (Start: 20 @38687 has 32 MA's), (Start: 32 @38633 has 2 MA's), (Start: 36 @38621 has 23 MA's), (Start: 40 @38594 has 29 MA's), (59, 38474), (75, 38366), (78, 38348), (79, 38342), (90, 38249), (94, 38231), (102, 38195), (107, 38177), (109, 38165),

Gene: George_51 Start: 38308, Stop: 37814, Start Num: 36
Candidate Starts for George_51:
(Start: 8 @38473 has 629 MA's), (Start: 20 @38380 has 32 MA's), (Start: 24 @38362 has 1 MA's), (Start: 32 @38320 has 2 MA's), (Start: 36 @38308 has 23 MA's), (Start: 40 @38281 has 29 MA's), (Start: 42 @38269 has 5 MA's), (Start: 51 @38218 has 4 MA's), (79, 38041), (80, 38032), (82, 38011), (85, 37996), (86, 37981), (88, 37975), (90, 37948), (94, 37930), (100, 37903), (102, 37894), (107, 37876), (109, 37864), (110, 37861),

Gene: Georgie2_60 Start: 39101, Stop: 38469, Start Num: 8
Candidate Starts for Georgie2_60:
(Start: 8 @39101 has 629 MA's), (Start: 20 @39008 has 32 MA's), (Start: 36 @38954 has 23 MA's), (Start: 45 @38897 has 2 MA's), (68, 38753), (78, 38693), (86, 38627), (90, 38594), (94, 38576), (102, 38540),

Gene: Geostin_52 Start: 30569, Stop: 29937, Start Num: 8
Candidate Starts for Geostin_52:
(Start: 8 @30569 has 629 MA's), (Start: 12 @30551 has 45 MA's), (14, 30539), (Start: 45 @30371 has 2 MA's), (48, 30347), (66, 30245), (78, 30164), (86, 30098), (95, 30044), (96, 30041),

Gene: Ghoulboy_56 Start: 39276, Stop: 38614, Start Num: 8
Candidate Starts for Ghoulboy_56:
(Start: 8 @39276 has 629 MA's), (Start: 20 @39183 has 32 MA's), (Start: 24 @39165 has 1 MA's), (Start: 32 @39123 has 2 MA's), (Start: 36 @39111 has 23 MA's), (Start: 40 @39084 has 29 MA's), (Start: 42 @39072 has 5 MA's), (68, 38907), (79, 38841), (80, 38832), (82, 38811), (86, 38781), (88, 38775), (90, 38748), (100, 38703), (102, 38694), (107, 38676), (109, 38664), (110, 38661),

Gene: Gilberta_60 Start: 38651, Stop: 38004, Start Num: 8
Candidate Starts for Gilberta_60:
(Start: 8 @38651 has 629 MA's), (Start: 20 @38558 has 32 MA's), (Start: 36 @38504 has 23 MA's), (Start: 40 @38477 has 29 MA's), (Start: 45 @38447 has 2 MA's), (60, 38351), (68, 38291), (79, 38225), (81, 38210), (86, 38165), (89, 38156), (90, 38132), (102, 38078), (110, 38045),

Gene: GingkoMaracino_62 Start: 38784, Stop: 38125, Start Num: 8
Candidate Starts for GingkoMaracino_62:
(Start: 8 @38784 has 629 MA's), (Start: 20 @38691 has 32 MA's), (Start: 32 @38637 has 2 MA's), (Start: 36 @38625 has 23 MA's), (Start: 40 @38598 has 29 MA's), (59, 38478), (75, 38370), (78, 38352), (79, 38346), (94, 38235), (102, 38199), (107, 38181), (109, 38169),

Gene: GirlDinner_39 Start: 28706, Stop: 29365, Start Num: 5
Candidate Starts for GirlDinner_39:
(Start: 5 @28706 has 33 MA's), (14, 28754), (21, 28817), (Start: 42 @28907 has 5 MA's), (62, 29036), (81, 29156), (83, 29180), (86, 29201), (101, 29282),

Gene: Giroux_60 Start: 38548, Stop: 37889, Start Num: 8
Candidate Starts for Giroux_60:
(Start: 8 @38548 has 629 MA's), (Start: 20 @38455 has 32 MA's), (Start: 32 @38401 has 2 MA's), (Start: 36 @38389 has 23 MA's), (Start: 40 @38362 has 29 MA's), (Start: 43 @38347 has 1 MA's), (Start: 51 @38299 has 4 MA's), (59, 38242), (67, 38194), (78, 38116), (81, 38095), (82, 38080), (94, 37999), (102, 37963), (107, 37945), (117, 37897),

Gene: Gladiator_58 Start: 37427, Stop: 36795, Start Num: 8
Candidate Starts for Gladiator_58:
(Start: 8 @37427 has 629 MA's), (Start: 20 @37334 has 32 MA's), (Start: 36 @37280 has 23 MA's), (Start: 45 @37223 has 2 MA's), (60, 37139), (68, 37079), (86, 36953), (90, 36920), (94, 36902), (102, 36866), (107, 36848), (109, 36836), (110, 36833),

Gene: Goby_39 Start: 28637, Stop: 29302, Start Num: 6
Candidate Starts for Goby_39:
(Start: 6 @28637 has 40 MA's), (Start: 8 @28652 has 629 MA's), (Start: 10 @28655 has 1 MA's), (Start: 51 @28880 has 4 MA's), (59, 28937), (60, 28943), (62, 28964), (63, 28973), (70, 29009), (72, 29033), (75, 29045), (77, 29054), (78, 29063), (83, 29108), (86, 29129), (101, 29210), (106, 29231), (115, 29279),

Gene: Godpower_40 Start: 28632, Stop: 29297, Start Num: 6
Candidate Starts for Godpower_40:
(Start: 6 @28632 has 40 MA's), (Start: 8 @28647 has 629 MA's), (Start: 10 @28650 has 1 MA's), (Start: 36 @28791 has 23 MA's), (Start: 51 @28875 has 4 MA's), (59, 28932), (60, 28938), (62, 28959), (63, 28968), (70, 29004), (72, 29028), (75, 29040), (77, 29049), (78, 29058), (83, 29103), (86, 29124), (101, 29205), (106, 29226), (115, 29274),

Gene: Gollum_48 Start: 35278, Stop: 34619, Start Num: 8

Candidate Starts for Gollum_48:
(Start: 8 @35278 has 629 MA's), (Start: 25 @35155 has 5 MA's), (Start: 36 @35119 has 23 MA's), (Start: 40 @35092 has 29 MA's), (Start: 45 @35062 has 2 MA's), (Start: 50 @35032 has 1 MA's), (Start: 51 @35029 has 4 MA's), (52, 35023), (59, 34972), (66, 34927), (68, 34906), (78, 34846), (79, 34840), (107, 34675), (110, 34660),

Gene: Gompeii16_53 Start: 39878, Stop: 39357, Start Num: 28
Candidate Starts for Gompeii16_53:
(Start: 28 @39878 has 135 MA's), (Start: 36 @39854 has 23 MA's), (Start: 40 @39827 has 29 MA's), (Start: 42 @39815 has 5 MA's), (Start: 50 @39767 has 1 MA's), (66, 39668), (72, 39617), (86, 39521), (90, 39488), (94, 39470), (102, 39434), (109, 39404),

Gene: Goose_56 Start: 37844, Stop: 37185, Start Num: 8
Candidate Starts for Goose_56:
(Start: 8 @37844 has 629 MA's), (Start: 20 @37751 has 32 MA's), (Start: 36 @37685 has 23 MA's), (Start: 40 @37658 has 29 MA's), (Start: 51 @37595 has 4 MA's), (59, 37538), (67, 37490), (75, 37430), (78, 37412), (79, 37406), (81, 37391), (82, 37376), (100, 37268), (102, 37259), (107, 37241), (109, 37229), (117, 37193),

Gene: Goose1D_52 Start: 34632, Stop: 33970, Start Num: 8
Candidate Starts for Goose1D_52:
(Start: 8 @34632 has 629 MA's), (Start: 20 @34539 has 32 MA's), (Start: 32 @34485 has 2 MA's), (Start: 36 @34473 has 23 MA's), (Start: 40 @34446 has 29 MA's), (Start: 43 @34431 has 1 MA's), (Start: 51 @34383 has 4 MA's), (59, 34326), (67, 34278), (75, 34218), (79, 34194), (81, 34179), (82, 34164), (86, 34134), (94, 34083), (102, 34047), (107, 34029), (117, 33981),

Gene: Goose1X_58 Start: 37774, Stop: 37112, Start Num: 8
Candidate Starts for Goose1X_58:
(Start: 8 @37774 has 629 MA's), (Start: 20 @37681 has 32 MA's), (Start: 32 @37627 has 2 MA's), (Start: 36 @37615 has 23 MA's), (Start: 40 @37588 has 29 MA's), (Start: 43 @37573 has 1 MA's), (Start: 51 @37525 has 4 MA's), (59, 37468), (67, 37420), (75, 37360), (79, 37336), (81, 37321), (82, 37306), (86, 37276), (94, 37225), (102, 37189), (107, 37171), (117, 37123),

Gene: Graduation_58 Start: 40445, Stop: 39924, Start Num: 28
Candidate Starts for Graduation_58:
(Start: 28 @40445 has 135 MA's), (Start: 36 @40421 has 23 MA's), (Start: 40 @40394 has 29 MA's), (Start: 42 @40382 has 5 MA's), (Start: 50 @40334 has 1 MA's), (66, 40235), (72, 40184), (86, 40088), (87, 40085), (90, 40055), (94, 40037), (95, 40034), (102, 40001), (109, 39971), (110, 39968),

Gene: Gratitude_59 Start: 38998, Stop: 38366, Start Num: 8
Candidate Starts for Gratitude_59:
(Start: 8 @38998 has 629 MA's), (Start: 20 @38905 has 32 MA's), (Start: 36 @38851 has 23 MA's), (Start: 45 @38794 has 2 MA's), (55, 38740), (59, 38716), (60, 38710), (68, 38650), (78, 38590), (81, 38569), (86, 38524), (90, 38491), (102, 38437),

Gene: GrecoEtereo_55 Start: 38850, Stop: 38329, Start Num: 28
Candidate Starts for GrecoEtereo_55:
(Start: 28 @38850 has 135 MA's), (Start: 36 @38826 has 23 MA's), (Start: 40 @38799 has 29 MA's), (Start: 42 @38787 has 5 MA's), (Start: 50 @38739 has 1 MA's), (72, 38589), (87, 38490), (90, 38460), (94, 38442), (102, 38406), (109, 38376),

Gene: GreedyLawyer_59 Start: 37718, Stop: 37086, Start Num: 8
Candidate Starts for GreedyLawyer_59:

(Start: 8 @37718 has 629 MA's), (Start: 20 @37625 has 32 MA's), (Start: 36 @37571 has 23 MA's), (Start: 45 @37514 has 2 MA's), (59, 37436), (68, 37370), (81, 37289), (86, 37244), (90, 37211), (94, 37193), (102, 37157), (109, 37127), (110, 37124),

Gene: GreenWeasel_41 Start: 28326, Stop: 28970, Start Num: 8
Candidate Starts for GreenWeasel_41:
(Start: 8 @28326 has 629 MA's), (14, 28356), (Start: 42 @28509 has 5 MA's), (62, 28638), (78, 28737), (81, 28758), (83, 28782), (86, 28803), (88, 28809), (106, 28905),

Gene: Greg_56 Start: 39091, Stop: 38570, Start Num: 28
Candidate Starts for Greg_56:
(Start: 28 @39091 has 135 MA's), (Start: 36 @39067 has 23 MA's), (Start: 40 @39040 has 29 MA's), (Start: 42 @39028 has 5 MA's), (Start: 50 @38980 has 1 MA's), (72, 38830), (86, 38734), (87, 38731), (90, 38701), (94, 38683), (102, 38647), (109, 38617),

Gene: Gremlin23_57 Start: 30569, Stop: 29937, Start Num: 8
Candidate Starts for Gremlin23_57:
(Start: 8 @30569 has 629 MA's), (Start: 12 @30551 has 45 MA's), (14, 30539), (Start: 45 @30371 has 2 MA's), (48, 30347), (66, 30245), (78, 30164), (86, 30098), (95, 30044), (96, 30041),

Gene: Grif_62 Start: 38973, Stop: 38314, Start Num: 8
Candidate Starts for Grif_62:
(Start: 8 @38973 has 629 MA's), (Start: 20 @38880 has 32 MA's), (Start: 32 @38826 has 2 MA's), (Start: 36 @38814 has 23 MA's), (Start: 40 @38787 has 29 MA's), (59, 38667), (75, 38559), (78, 38541), (79, 38535), (94, 38424), (102, 38388), (107, 38370), (109, 38358),

Gene: GroundGoblin_54 Start: 39473, Stop: 38952, Start Num: 28
Candidate Starts for GroundGoblin_54:
(Start: 28 @39473 has 135 MA's), (Start: 36 @39449 has 23 MA's), (Start: 40 @39422 has 29 MA's), (Start: 42 @39410 has 5 MA's), (Start: 50 @39362 has 1 MA's), (66, 39263), (72, 39212), (86, 39116), (90, 39083), (94, 39065), (102, 39029), (109, 38999),

Gene: Groundhog_58 Start: 38129, Stop: 37476, Start Num: 8
Candidate Starts for Groundhog_58:
(Start: 8 @38129 has 629 MA's), (Start: 20 @38036 has 32 MA's), (Start: 32 @37976 has 2 MA's), (Start: 36 @37964 has 23 MA's), (Start: 40 @37937 has 29 MA's), (49, 37880), (59, 37829), (60, 37823), (81, 37682), (82, 37667), (86, 37637), (90, 37604), (107, 37532), (108, 37523), (110, 37517), (115, 37493),

Gene: Groupthink_63 Start: 38784, Stop: 38125, Start Num: 8
Candidate Starts for Groupthink_63:
(Start: 8 @38784 has 629 MA's), (Start: 20 @38691 has 32 MA's), (Start: 32 @38637 has 2 MA's), (Start: 36 @38625 has 23 MA's), (Start: 40 @38598 has 29 MA's), (59, 38478), (75, 38370), (78, 38352), (79, 38346), (90, 38253), (94, 38235), (102, 38199), (107, 38181), (109, 38169),

Gene: Grub_62 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for Grub_62:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: Grum1_62 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for Grum1_62:

(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: Gruunaga_61 Start: 38126, Stop: 37494, Start Num: 8
Candidate Starts for Gruunaga_61:
(Start: 8 @38126 has 629 MA's), (Start: 20 @38033 has 32 MA's), (Start: 36 @37979 has 23 MA's), (Start: 45 @37922 has 2 MA's), (60, 37838), (68, 37778), (86, 37652), (90, 37619), (94, 37601), (102, 37565), (107, 37547), (109, 37535), (110, 37532),

Gene: GtownJaz_62 Start: 38900, Stop: 38241, Start Num: 8
Candidate Starts for GtownJaz_62:
(Start: 8 @38900 has 629 MA's), (Start: 20 @38807 has 32 MA's), (Start: 32 @38753 has 2 MA's), (Start: 36 @38741 has 23 MA's), (Start: 40 @38714 has 29 MA's), (59, 38594), (75, 38486), (78, 38468), (79, 38462), (94, 38351), (102, 38315), (107, 38297), (109, 38285),

Gene: Gwendoluna_58 Start: 41151, Stop: 40573, Start Num: 19
Candidate Starts for Gwendoluna_58:
(Start: 19 @41151 has 39 MA's), (Start: 28 @41094 has 135 MA's), (Start: 36 @41070 has 23 MA's), (Start: 40 @41043 has 29 MA's), (Start: 42 @41031 has 5 MA's), (Start: 50 @40983 has 1 MA's), (72, 40833), (90, 40704), (94, 40686), (102, 40650), (109, 40620),

Gene: Gwennie_62 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for Gwennie_62:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: Gyzlar_51 Start: 37093, Stop: 36569, Start Num: 28
Candidate Starts for Gyzlar_51:
(Start: 28 @37093 has 135 MA's), (Start: 36 @37069 has 23 MA's), (Start: 40 @37042 has 29 MA's), (Start: 42 @37030 has 5 MA's), (Start: 50 @36982 has 1 MA's), (72, 36832), (86, 36736), (87, 36733), (90, 36703), (94, 36685), (102, 36649), (109, 36616), (110, 36613),

Gene: HINdeR_52 Start: 39718, Stop: 39071, Start Num: 8
Candidate Starts for HINdeR_52:
(Start: 8 @39718 has 629 MA's), (Start: 20 @39625 has 32 MA's), (Start: 23 @39610 has 2 MA's), (Start: 36 @39559 has 23 MA's), (Start: 40 @39532 has 29 MA's), (Start: 42 @39520 has 5 MA's), (Start: 51 @39469 has 4 MA's), (59, 39424), (62, 39397), (75, 39316), (79, 39292), (82, 39262), (86, 39232), (91, 39196), (94, 39181), (100, 39154), (102, 39145), (109, 39115), (117, 39079),

Gene: Haizum_41 Start: 29074, Stop: 29736, Start Num: 5
Candidate Starts for Haizum_41:
(3, 28807), (Start: 5 @29074 has 33 MA's), (14, 29122), (21, 29185), (Start: 42 @29275 has 5 MA's), (Start: 51 @29320 has 4 MA's), (62, 29404), (81, 29524), (83, 29548), (86, 29569), (101, 29650), (106, 29668), (108, 29683), (115, 29716),

Gene: HamSlice_53 Start: 38137, Stop: 37478, Start Num: 8
Candidate Starts for HamSlice_53:
(Start: 8 @38137 has 629 MA's), (Start: 20 @38044 has 32 MA's), (Start: 24 @38026 has 1 MA's), (Start: 32 @37990 has 2 MA's), (Start: 36 @37978 has 23 MA's), (Start: 40 @37951 has 29 MA's), (Start: 43 @37936 has 1 MA's), (59, 37831), (78, 37705), (79, 37699), (81, 37684), (82, 37669), (94, 37588), (100, 37561), (102, 37552), (117, 37486),

Gene: Hami1_48 Start: 33928, Stop: 33407, Start Num: 28
Candidate Starts for Hami1_48:
(Start: 28 @33928 has 135 MA's), (Start: 36 @33904 has 23 MA's), (Start: 40 @33877 has 29 MA's), (Start: 42 @33865 has 5 MA's), (Start: 50 @33817 has 1 MA's), (72, 33667), (86, 33571), (87, 33568), (90, 33538), (94, 33520), (102, 33484), (109, 33454),

Gene: Hammer_61 Start: 37586, Stop: 37101, Start Num: 36
Candidate Starts for Hammer_61:
(Start: 8 @37733 has 629 MA's), (Start: 20 @37640 has 32 MA's), (Start: 36 @37586 has 23 MA's), (Start: 45 @37529 has 2 MA's), (60, 37445), (68, 37385), (86, 37259), (90, 37226), (94, 37208), (102, 37172), (107, 37154), (109, 37142), (110, 37139),

Gene: HanShotFirst_55 Start: 39390, Stop: 38869, Start Num: 28
Candidate Starts for HanShotFirst_55:
(Start: 28 @39390 has 135 MA's), (Start: 36 @39366 has 23 MA's), (Start: 40 @39339 has 29 MA's), (Start: 42 @39327 has 5 MA's), (Start: 50 @39279 has 1 MA's), (72, 39129), (86, 39033), (87, 39030), (90, 39000), (94, 38982), (102, 38946), (109, 38916), (112, 38901),

Gene: Hank144_41 Start: 29070, Stop: 29729, Start Num: 5
Candidate Starts for Hank144_41:
(3, 28800), (Start: 5 @29070 has 33 MA's), (14, 29118), (16, 29133), (18, 29154), (21, 29181), (Start: 42 @29271 has 5 MA's), (62, 29400), (81, 29520), (83, 29544), (86, 29565), (101, 29646),

Gene: Hanray_59 Start: 38907, Stop: 38278, Start Num: 8
Candidate Starts for Hanray_59:
(Start: 8 @38907 has 629 MA's), (Start: 20 @38814 has 32 MA's), (Start: 25 @38790 has 5 MA's), (Start: 36 @38766 has 23 MA's), (Start: 40 @38739 has 29 MA's), (Start: 43 @38724 has 1 MA's), (59, 38628), (60, 38622), (66, 38583), (68, 38562), (79, 38496), (86, 38436), (90, 38403), (102, 38349), (109, 38319),

Gene: Happiness_54 Start: 38125, Stop: 37466, Start Num: 8
Candidate Starts for Happiness_54:
(Start: 8 @38125 has 629 MA's), (Start: 20 @38032 has 32 MA's), (Start: 32 @37978 has 2 MA's), (Start: 36 @37966 has 23 MA's), (Start: 40 @37939 has 29 MA's), (Start: 43 @37924 has 1 MA's), (59, 37819), (78, 37693), (81, 37672), (82, 37657), (94, 37576), (100, 37549), (102, 37540), (117, 37474),

Gene: Harlequin_47 Start: 35064, Stop: 34405, Start Num: 8
Candidate Starts for Harlequin_47:
(Start: 8 @35064 has 629 MA's), (Start: 25 @34941 has 5 MA's), (Start: 36 @34905 has 23 MA's), (Start: 40 @34878 has 29 MA's), (Start: 45 @34848 has 2 MA's), (Start: 50 @34818 has 1 MA's), (Start: 51 @34815 has 4 MA's), (52, 34809), (59, 34758), (66, 34713), (68, 34692), (79, 34626), (107, 34461), (110, 34446),

Gene: HarryHoudini_60 Start: 39184, Stop: 38552, Start Num: 8
Candidate Starts for HarryHoudini_60:
(Start: 8 @39184 has 629 MA's), (Start: 20 @39091 has 32 MA's), (Start: 36 @39037 has 23 MA's), (Start: 45 @38980 has 2 MA's), (59, 38902), (60, 38896), (68, 38836), (78, 38776), (81, 38755), (86, 38710), (90, 38677), (102, 38623),

Gene: HarryOW_54 Start: 38348, Stop: 37827, Start Num: 28
Candidate Starts for HarryOW_54:

(Start: 28 @38348 has 135 MA's), (Start: 36 @38324 has 23 MA's), (Start: 40 @38297 has 29 MA's), (Start: 42 @38285 has 5 MA's), (Start: 50 @38237 has 1 MA's), (66, 38138), (72, 38087), (86, 37991), (90, 37958), (94, 37940), (102, 37904), (109, 37874),

Gene: HashRod_63 Start: 38926, Stop: 38267, Start Num: 8
Candidate Starts for HashRod_63:
(Start: 8 @38926 has 629 MA's), (Start: 20 @38833 has 32 MA's), (Start: 32 @38779 has 2 MA's), (Start: 36 @38767 has 23 MA's), (Start: 40 @38740 has 29 MA's), (59, 38620), (75, 38512), (78, 38494), (79, 38488), (94, 38377), (102, 38341), (107, 38323), (109, 38311),

Gene: HaugeAnator_58 Start: 30975, Stop: 30343, Start Num: 8
Candidate Starts for HaugeAnator_58:
(Start: 8 @30975 has 629 MA's), (Start: 12 @30957 has 45 MA's), (14, 30945), (21, 30885), (Start: 45 @30777 has 2 MA's), (46, 30759), (48, 30753), (79, 30564), (86, 30504),

Gene: HaveUMetTed_63 Start: 38769, Stop: 38110, Start Num: 8
Candidate Starts for HaveUMetTed_63:
(Start: 8 @38769 has 629 MA's), (Start: 20 @38676 has 32 MA's), (Start: 32 @38622 has 2 MA's), (Start: 36 @38610 has 23 MA's), (Start: 40 @38583 has 29 MA's), (59, 38463), (75, 38355), (78, 38337), (79, 38331), (90, 38238), (94, 38220), (102, 38184), (107, 38166), (109, 38154),

Gene: Heathen_58 Start: 38240, Stop: 37578, Start Num: 8
Candidate Starts for Heathen_58:
(Start: 8 @38240 has 629 MA's), (Start: 20 @38147 has 32 MA's), (Start: 32 @38093 has 2 MA's), (Start: 36 @38081 has 23 MA's), (Start: 40 @38054 has 29 MA's), (Start: 43 @38039 has 1 MA's), (Start: 51 @37991 has 4 MA's), (59, 37934), (67, 37886), (75, 37826), (79, 37802), (81, 37787), (82, 37772), (86, 37742), (94, 37691), (102, 37655), (107, 37637), (117, 37589),

Gene: Heffalump_58 Start: 39874, Stop: 39242, Start Num: 8
Candidate Starts for Heffalump_58:
(Start: 8 @39874 has 629 MA's), (Start: 20 @39781 has 32 MA's), (29, 39745), (Start: 36 @39727 has 23 MA's), (Start: 45 @39670 has 2 MA's), (60, 39586), (68, 39526), (78, 39466), (86, 39400), (90, 39367), (102, 39313),

Gene: HelDan_58 Start: 38456, Stop: 37794, Start Num: 8
Candidate Starts for HelDan_58:
(Start: 8 @38456 has 629 MA's), (Start: 20 @38363 has 32 MA's), (Start: 32 @38309 has 2 MA's), (Start: 36 @38297 has 23 MA's), (Start: 40 @38270 has 29 MA's), (Start: 43 @38255 has 1 MA's), (Start: 51 @38207 has 4 MA's), (59, 38150), (67, 38102), (75, 38042), (79, 38018), (81, 38003), (82, 37988), (86, 37958), (94, 37907), (102, 37871), (107, 37853), (117, 37805),

Gene: Heliosoles_61 Start: 38787, Stop: 38128, Start Num: 8
Candidate Starts for Heliosoles_61:
(Start: 8 @38787 has 629 MA's), (Start: 20 @38694 has 32 MA's), (Start: 32 @38640 has 2 MA's), (Start: 36 @38628 has 23 MA's), (Start: 40 @38601 has 29 MA's), (59, 38481), (75, 38373), (78, 38355), (79, 38349), (90, 38256), (94, 38238), (102, 38202), (107, 38184), (109, 38172),

Gene: Helmet_63 Start: 38202, Stop: 37570, Start Num: 8
Candidate Starts for Helmet_63:
(Start: 8 @38202 has 629 MA's), (Start: 20 @38109 has 32 MA's), (Start: 36 @38055 has 23 MA's), (Start: 45 @37998 has 2 MA's), (60, 37914), (68, 37854), (86, 37728), (90, 37695), (94, 37677), (102, 37641), (107, 37623), (109, 37611), (110, 37608),

Gene: Herbertwm_57 Start: 38832, Stop: 38206, Start Num: 8
Candidate Starts for Herbertwm_57:
(Start: 8 @38832 has 629 MA's), (Start: 20 @38739 has 32 MA's), (Start: 23 @38724 has 2 MA's), (Start: 36 @38691 has 23 MA's), (Start: 40 @38664 has 29 MA's), (Start: 45 @38634 has 2 MA's), (Start: 50 @38604 has 1 MA's), (55, 38580), (59, 38556), (60, 38550), (68, 38490), (78, 38430), (81, 38409), (82, 38394), (86, 38364), (90, 38331), (102, 38277), (109, 38247),

Gene: Hercules11_62 Start: 38907, Stop: 38248, Start Num: 8
Candidate Starts for Hercules11_62:
(Start: 8 @38907 has 629 MA's), (Start: 20 @38814 has 32 MA's), (Start: 32 @38760 has 2 MA's), (Start: 36 @38748 has 23 MA's), (Start: 40 @38721 has 29 MA's), (59, 38601), (75, 38493), (78, 38475), (79, 38469), (94, 38358), (102, 38322), (107, 38304), (109, 38292),

Gene: Hermia_55 Start: 39523, Stop: 39002, Start Num: 28
Candidate Starts for Hermia_55:
(Start: 28 @39523 has 135 MA's), (Start: 36 @39499 has 23 MA's), (Start: 40 @39472 has 29 MA's), (Start: 42 @39460 has 5 MA's), (Start: 50 @39412 has 1 MA's), (66, 39313), (72, 39262), (86, 39166), (90, 39133), (94, 39115), (102, 39079), (109, 39049),

Gene: HermioneGrange_55 Start: 39118, Stop: 38471, Start Num: 11
Candidate Starts for HermioneGrange_55:
(Start: 11 @39118 has 29 MA's), (Start: 28 @38995 has 135 MA's), (Start: 40 @38944 has 29 MA's), (Start: 42 @38932 has 5 MA's), (57, 38851), (62, 38803), (67, 38782), (68, 38764), (86, 38638), (90, 38605), (94, 38587), (102, 38551), (109, 38518), (110, 38515),

Gene: Hexamo_61 Start: 37832, Stop: 37200, Start Num: 8
Candidate Starts for Hexamo_61:
(Start: 8 @37832 has 629 MA's), (Start: 20 @37739 has 32 MA's), (Start: 36 @37685 has 23 MA's), (Start: 45 @37628 has 2 MA's), (60, 37544), (68, 37484), (86, 37358), (90, 37325), (94, 37307), (102, 37271), (107, 37253), (109, 37241), (110, 37238),

Gene: Hippo_39 Start: 28192, Stop: 28857, Start Num: 6
Candidate Starts for Hippo_39:
(Start: 6 @28192 has 40 MA's), (Start: 8 @28207 has 629 MA's), (Start: 10 @28210 has 1 MA's), (Start: 36 @28351 has 23 MA's), (Start: 51 @28435 has 4 MA's), (59, 28492), (60, 28498), (62, 28519), (70, 28564), (72, 28588), (75, 28600), (77, 28609), (78, 28618), (83, 28663), (86, 28684), (101, 28765), (106, 28786), (115, 28834),

Gene: HippoHollow_59 Start: 40415, Stop: 39876, Start Num: 20
Candidate Starts for HippoHollow_59:
(Start: 20 @40415 has 32 MA's), (Start: 36 @40361 has 23 MA's), (Start: 45 @40304 has 2 MA's), (60, 40220), (68, 40160), (78, 40100), (86, 40034), (90, 40001), (94, 39983), (102, 39947),

Gene: Hiro_48 Start: 35540, Stop: 34881, Start Num: 8
Candidate Starts for Hiro_48:
(Start: 8 @35540 has 629 MA's), (Start: 25 @35417 has 5 MA's), (Start: 36 @35381 has 23 MA's), (Start: 40 @35354 has 29 MA's), (Start: 45 @35324 has 2 MA's), (Start: 50 @35294 has 1 MA's), (Start: 51 @35291 has 4 MA's), (52, 35285), (59, 35234), (66, 35189), (68, 35168), (79, 35102), (107, 34937), (110, 34922),

Gene: Holex_59 Start: 38806, Stop: 38294, Start Num: 25
Candidate Starts for Holex_59:

(Start: 8 @38923 has 629 MA's), (Start: 20 @38830 has 32 MA's), (Start: 25 @38806 has 5 MA's), (Start: 36 @38782 has 23 MA's), (Start: 40 @38755 has 29 MA's), (Start: 43 @38740 has 1 MA's), (59, 38644), (60, 38638), (66, 38599), (68, 38578), (79, 38512), (86, 38452), (90, 38419), (102, 38365), (109, 38335),

Gene: Holli_54 Start: 37929, Stop: 37270, Start Num: 8
Candidate Starts for Holli_54:
(Start: 8 @37929 has 629 MA's), (Start: 20 @37836 has 32 MA's), (Start: 24 @37818 has 1 MA's), (Start: 32 @37782 has 2 MA's), (Start: 36 @37770 has 23 MA's), (Start: 40 @37743 has 29 MA's), (Start: 43 @37728 has 1 MA's), (59, 37623), (78, 37497), (79, 37491), (81, 37476), (82, 37461), (94, 37380), (100, 37353), (102, 37344), (117, 37278),

Gene: Homines_47 Start: 35032, Stop: 34511, Start Num: 28
Candidate Starts for Homines_47:
(Start: 28 @35032 has 135 MA's), (Start: 36 @35008 has 23 MA's), (Start: 40 @34981 has 29 MA's), (Start: 42 @34969 has 5 MA's), (Start: 50 @34921 has 1 MA's), (86, 34675), (90, 34642), (94, 34624), (102, 34588), (109, 34558),

Gene: Hookmount_57 Start: 38515, Stop: 37853, Start Num: 8
Candidate Starts for Hookmount_57:
(Start: 8 @38515 has 629 MA's), (Start: 20 @38422 has 32 MA's), (Start: 23 @38407 has 2 MA's), (Start: 32 @38368 has 2 MA's), (Start: 36 @38356 has 23 MA's), (Start: 40 @38329 has 29 MA's), (59, 38209), (67, 38161), (75, 38101), (78, 38083), (79, 38077), (81, 38062), (82, 38047), (102, 37930), (107, 37912),

Gene: Hoot_55 Start: 35569, Stop: 34937, Start Num: 8
Candidate Starts for Hoot_55:
(Start: 8 @35569 has 629 MA's), (Start: 20 @35476 has 32 MA's), (Start: 36 @35422 has 23 MA's), (Start: 45 @35365 has 2 MA's), (59, 35287), (68, 35221), (81, 35140), (86, 35095), (90, 35062), (94, 35044), (102, 35008), (109, 34978), (110, 34975),

Gene: Hope4ever_56 Start: 39755, Stop: 39234, Start Num: 28
Candidate Starts for Hope4ever_56:
(Start: 28 @39755 has 135 MA's), (Start: 36 @39731 has 23 MA's), (Start: 40 @39704 has 29 MA's), (Start: 42 @39692 has 5 MA's), (Start: 50 @39644 has 1 MA's), (72, 39494), (86, 39398), (90, 39365), (94, 39347), (102, 39311), (109, 39281),

Gene: HortumSL17_59 Start: 38686, Stop: 38225, Start Num: 40
Candidate Starts for HortumSL17_59:
(Start: 8 @38854 has 629 MA's), (Start: 20 @38761 has 32 MA's), (Start: 25 @38737 has 5 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (Start: 43 @38671 has 1 MA's), (59, 38575), (60, 38569), (66, 38530), (68, 38509), (79, 38443), (86, 38383), (90, 38350), (102, 38296),

Gene: Houdini22_55 Start: 38143, Stop: 37484, Start Num: 8
Candidate Starts for Houdini22_55:
(Start: 8 @38143 has 629 MA's), (Start: 20 @38050 has 32 MA's), (Start: 24 @38032 has 1 MA's), (Start: 32 @37996 has 2 MA's), (Start: 36 @37984 has 23 MA's), (Start: 40 @37957 has 29 MA's), (Start: 43 @37942 has 1 MA's), (59, 37837), (78, 37711), (79, 37705), (81, 37690), (82, 37675), (94, 37594), (100, 37567), (102, 37558), (117, 37492),

Gene: HuhtaEnerson15_53 Start: 38473, Stop: 37814, Start Num: 8
Candidate Starts for HuhtaEnerson15_53:

(Start: 8 @38473 has 629 MA's), (Start: 20 @38380 has 32 MA's), (Start: 24 @38362 has 1 MA's), (Start: 32 @38320 has 2 MA's), (Start: 36 @38308 has 23 MA's), (Start: 40 @38281 has 29 MA's), (Start: 42 @38269 has 5 MA's), (Start: 51 @38218 has 4 MA's), (79, 38041), (80, 38032), (82, 38011), (85, 37996), (86, 37981), (88, 37975), (90, 37948), (94, 37930), (100, 37903), (102, 37894), (107, 37876), (109, 37864), (110, 37861),

Gene: Hutc2_59 Start: 38200, Stop: 37553, Start Num: 8
Candidate Starts for Hutc2_59:
(Start: 8 @38200 has 629 MA's), (Start: 20 @38107 has 32 MA's), (Start: 36 @38053 has 23 MA's), (Start: 40 @38026 has 29 MA's), (Start: 45 @37996 has 2 MA's), (60, 37900), (68, 37840), (79, 37774), (81, 37759), (86, 37714), (89, 37705), (90, 37681), (102, 37627), (110, 37594),

Gene: Huxley_54 Start: 38200, Stop: 37541, Start Num: 8
Candidate Starts for Huxley_54:
(Start: 8 @38200 has 629 MA's), (Start: 20 @38107 has 32 MA's), (Start: 24 @38089 has 1 MA's), (Start: 32 @38053 has 2 MA's), (Start: 36 @38041 has 23 MA's), (Start: 40 @38014 has 29 MA's), (Start: 43 @37999 has 1 MA's), (59, 37894), (78, 37768), (79, 37762), (81, 37747), (82, 37732), (94, 37651), (100, 37624), (102, 37615), (117, 37549),

Gene: Hydra_41 Start: 28507, Stop: 29013, Start Num: 36
Candidate Starts for Hydra_41:
(Start: 6 @28348 has 40 MA's), (Start: 8 @28363 has 629 MA's), (Start: 10 @28366 has 1 MA's), (Start: 36 @28507 has 23 MA's), (Start: 51 @28591 has 4 MA's), (59, 28648), (60, 28654), (62, 28675), (63, 28684), (70, 28720), (72, 28744), (75, 28756), (77, 28765), (78, 28774), (83, 28819), (101, 28921), (106, 28942), (115, 28990),

Gene: ICleared_55 Start: 38168, Stop: 37509, Start Num: 8
Candidate Starts for ICleared_55:
(Start: 8 @38168 has 629 MA's), (Start: 20 @38075 has 32 MA's), (Start: 24 @38057 has 1 MA's), (Start: 32 @38021 has 2 MA's), (Start: 36 @38009 has 23 MA's), (Start: 40 @37982 has 29 MA's), (Start: 43 @37967 has 1 MA's), (59, 37862), (78, 37736), (79, 37730), (81, 37715), (82, 37700), (94, 37619), (100, 37592), (102, 37583), (117, 37517),

Gene: ILeeKay_58 Start: 39619, Stop: 39098, Start Num: 28
Candidate Starts for ILeeKay_58:
(Start: 28 @39619 has 135 MA's), (Start: 36 @39595 has 23 MA's), (Start: 40 @39568 has 29 MA's), (Start: 42 @39556 has 5 MA's), (Start: 50 @39508 has 1 MA's), (66, 39409), (72, 39358), (87, 39259), (90, 39229), (94, 39211), (102, 39175), (109, 39145),

Gene: Ibantik_36 Start: 17326, Stop: 16781, Start Num: 31
Candidate Starts for Ibantik_36:
(Start: 10 @17482 has 1 MA's), (Start: 13 @17461 has 1 MA's), (Start: 15 @17449 has 1 MA's), (17, 17434), (Start: 23 @17377 has 2 MA's), (30, 17329), (Start: 31 @17326 has 1 MA's), (33, 17323), (38, 17293), (39, 17290), (66, 17101), (89, 16942), (92, 16912), (94, 16900), (118, 16792),

Gene: Iceman_55 Start: 38425, Stop: 37766, Start Num: 8
Candidate Starts for Iceman_55:
(Start: 8 @38425 has 629 MA's), (Start: 20 @38332 has 32 MA's), (Start: 24 @38314 has 1 MA's), (Start: 32 @38278 has 2 MA's), (Start: 36 @38266 has 23 MA's), (Start: 40 @38239 has 29 MA's), (Start: 43 @38224 has 1 MA's), (59, 38119), (78, 37993), (79, 37987), (81, 37972), (82, 37957), (94, 37876), (100, 37849), (102, 37840), (117, 37774),

Gene: Ichabod_58 Start: 40432, Stop: 39908, Start Num: 28

Candidate Starts for Ichabod_58:
(Start: 28 @40432 has 135 MA's), (Start: 36 @40408 has 23 MA's), (Start: 40 @40381 has 29 MA's), (Start: 42 @40369 has 5 MA's), (Start: 50 @40321 has 1 MA's), (66, 40222), (72, 40171), (86, 40075), (87, 40072), (90, 40042), (94, 40024), (102, 39988), (109, 39955), (110, 39952),

Gene: Idleandcovert_58 Start: 38549, Stop: 37890, Start Num: 8
Candidate Starts for Idleandcovert_58:
(Start: 8 @38549 has 629 MA's), (Start: 20 @38456 has 32 MA's), (Start: 32 @38402 has 2 MA's), (Start: 36 @38390 has 23 MA's), (Start: 40 @38363 has 29 MA's), (Start: 43 @38348 has 1 MA's), (Start: 51 @38300 has 4 MA's), (59, 38243), (67, 38195), (78, 38117), (81, 38096), (82, 38081), (94, 38000), (102, 37964), (107, 37946), (117, 37898),

Gene: IgnatiusPatJac_55 Start: 39084, Stop: 38563, Start Num: 28
Candidate Starts for IgnatiusPatJac_55:
(Start: 28 @39084 has 135 MA's), (Start: 36 @39060 has 23 MA's), (Start: 40 @39033 has 29 MA's), (Start: 42 @39021 has 5 MA's), (Start: 50 @38973 has 1 MA's), (66, 38874), (72, 38823), (86, 38727), (90, 38694), (94, 38676), (102, 38640), (109, 38610),

Gene: Imbriano_62 Start: 38118, Stop: 37486, Start Num: 8
Candidate Starts for Imbriano_62:
(Start: 8 @38118 has 629 MA's), (Start: 20 @38025 has 32 MA's), (Start: 36 @37971 has 23 MA's), (Start: 45 @37914 has 2 MA's), (59, 37836), (68, 37770), (81, 37689), (86, 37644), (90, 37611), (94, 37593), (102, 37557), (109, 37527), (110, 37524),

Gene: Immanuel3_57 Start: 30978, Stop: 30346, Start Num: 8
Candidate Starts for Immanuel3_57:
(Start: 8 @30978 has 629 MA's), (Start: 12 @30960 has 45 MA's), (14, 30948), (21, 30888), (Start: 45 @30780 has 2 MA's), (46, 30762), (48, 30756), (79, 30567), (86, 30507),

Gene: Indigo_38 Start: 27816, Stop: 28481, Start Num: 6
Candidate Starts for Indigo_38:
(Start: 6 @27816 has 40 MA's), (Start: 8 @27831 has 629 MA's), (Start: 10 @27834 has 1 MA's), (Start: 36 @27975 has 23 MA's), (Start: 51 @28059 has 4 MA's), (59, 28116), (60, 28122), (62, 28143), (63, 28152), (70, 28188), (72, 28212), (75, 28224), (77, 28233), (78, 28242), (83, 28287), (101, 28389), (106, 28410), (115, 28458),

Gene: Indra_64 Start: 38203, Stop: 37571, Start Num: 8
Candidate Starts for Indra_64:
(Start: 8 @38203 has 629 MA's), (Start: 20 @38110 has 32 MA's), (Start: 36 @38056 has 23 MA's), (Start: 45 @37999 has 2 MA's), (60, 37915), (68, 37855), (86, 37729), (90, 37696), (94, 37678), (102, 37642), (107, 37624), (109, 37612), (110, 37609),

Gene: Insomnia_60 Start: 38618, Stop: 38064, Start Num: 20
Candidate Starts for Insomnia_60:
(Start: 8 @38711 has 629 MA's), (Start: 20 @38618 has 32 MA's), (Start: 36 @38564 has 23 MA's), (Start: 40 @38537 has 29 MA's), (Start: 45 @38507 has 2 MA's), (60, 38411), (68, 38351), (79, 38285), (81, 38270), (86, 38225), (89, 38216), (90, 38192), (102, 38138), (110, 38105),

Gene: Inyanga_51 Start: 37375, Stop: 36797, Start Num: 19
Candidate Starts for Inyanga_51:
(Start: 19 @37375 has 39 MA's), (Start: 28 @37318 has 135 MA's), (Start: 36 @37294 has 23 MA's), (Start: 40 @37267 has 29 MA's), (Start: 42 @37255 has 5 MA's), (Start: 50 @37207 has 1 MA's), (66, 37108), (72, 37057), (86, 36961), (90, 36928), (94, 36910), (102, 36874), (109, 36844),

Gene: Iqorha_51 Start: 37374, Stop: 36796, Start Num: 19
Candidate Starts for Iqorha_51:
(Start: 19 @37374 has 39 MA's), (Start: 28 @37317 has 135 MA's), (Start: 36 @37293 has 23 MA's), (Start: 40 @37266 has 29 MA's), (Start: 42 @37254 has 5 MA's), (Start: 50 @37206 has 1 MA's), (66, 37107), (72, 37056), (86, 36960), (90, 36927), (94, 36909), (102, 36873), (109, 36843),

Gene: Iracema64_56 Start: 38403, Stop: 37744, Start Num: 8
Candidate Starts for Iracema64_56:
(Start: 8 @38403 has 629 MA's), (Start: 20 @38310 has 32 MA's), (Start: 24 @38292 has 1 MA's), (Start: 32 @38256 has 2 MA's), (Start: 36 @38244 has 23 MA's), (Start: 40 @38217 has 29 MA's), (Start: 43 @38202 has 1 MA's), (59, 38097), (78, 37971), (79, 37965), (81, 37950), (82, 37935), (94, 37854), (100, 37827), (102, 37818), (117, 37752),

Gene: IronMan_58 Start: 39806, Stop: 39267, Start Num: 20
Candidate Starts for IronMan_58:
(Start: 20 @39806 has 32 MA's), (Start: 36 @39752 has 23 MA's), (Start: 40 @39725 has 29 MA's), (Start: 45 @39695 has 2 MA's), (59, 39617), (60, 39611), (68, 39551), (81, 39470), (86, 39425), (90, 39392), (102, 39338), (109, 39308),

Gene: Isca_57 Start: 38025, Stop: 37363, Start Num: 8
Candidate Starts for Isca_57:
(Start: 8 @38025 has 629 MA's), (Start: 20 @37932 has 32 MA's), (Start: 32 @37878 has 2 MA's), (Start: 36 @37866 has 23 MA's), (Start: 40 @37839 has 29 MA's), (Start: 43 @37824 has 1 MA's), (Start: 51 @37776 has 4 MA's), (59, 37719), (67, 37671), (75, 37611), (78, 37593), (79, 37587), (81, 37572), (82, 37557), (86, 37527), (94, 37476), (102, 37440), (107, 37422), (117, 37374),

Gene: Isiphiwo_58 Start: 37285, Stop: 36653, Start Num: 8
Candidate Starts for Isiphiwo_58:
(Start: 8 @37285 has 629 MA's), (Start: 20 @37192 has 32 MA's), (Start: 36 @37138 has 23 MA's), (Start: 45 @37081 has 2 MA's), (59, 37003), (68, 36937), (81, 36856), (86, 36811), (90, 36778), (94, 36760), (102, 36724), (109, 36694), (110, 36691),

Gene: Issmi_41 Start: 29674, Stop: 30336, Start Num: 5
Candidate Starts for Issmi_41:
(3, 29404), (Start: 5 @29674 has 33 MA's), (14, 29722), (21, 29785), (Start: 42 @29875 has 5 MA's), (Start: 51 @29920 has 4 MA's), (62, 30004), (81, 30124), (83, 30148), (101, 30250), (108, 30283), (115, 30316),

Gene: Itza_41 Start: 28661, Stop: 29311, Start Num: 8
Candidate Starts for Itza_41:
(Start: 6 @28646 has 40 MA's), (Start: 8 @28661 has 629 MA's), (Start: 35 @28802 has 2 MA's), (59, 28946), (72, 29042), (83, 29117), (101, 29219), (106, 29240), (108, 29255),

Gene: Iwokeuplikedis_61 Start: 38724, Stop: 38185, Start Num: 20
Candidate Starts for Iwokeuplikedis_61:
(Start: 20 @38724 has 32 MA's), (Start: 36 @38670 has 23 MA's), (Start: 40 @38643 has 29 MA's), (Start: 45 @38613 has 2 MA's), (55, 38559), (59, 38535), (64, 38496), (68, 38469), (81, 38388), (86, 38343), (94, 38292), (102, 38256),

Gene: Izzy_40 Start: 28383, Stop: 28889, Start Num: 36
Candidate Starts for Izzy_40:

(Start: 6 @28224 has 40 MA's), (Start: 8 @28239 has 629 MA's), (Start: 10 @28242 has 1 MA's), (Start: 36 @28383 has 23 MA's), (Start: 51 @28467 has 4 MA's), (59, 28524), (60, 28530), (62, 28551), (63, 28560), (70, 28596), (72, 28620), (75, 28632), (76, 28635), (77, 28641), (78, 28650), (83, 28695), (86, 28716), (101, 28797), (106, 28818), (115, 28866),

Gene: JC27_57 Start: 39535, Stop: 39011, Start Num: 28
Candidate Starts for JC27_57:
(Start: 28 @39535 has 135 MA's), (Start: 36 @39511 has 23 MA's), (Start: 40 @39484 has 29 MA's), (Start: 42 @39472 has 5 MA's), (Start: 50 @39424 has 1 MA's), (66, 39325), (72, 39274), (86, 39178), (90, 39145), (94, 39127), (102, 39091), (109, 39058), (110, 39055),

Gene: JF2_56 Start: 36726, Stop: 36064, Start Num: 8
Candidate Starts for JF2_56:
(Start: 8 @36726 has 629 MA's), (Start: 20 @36633 has 32 MA's), (Start: 32 @36579 has 2 MA's), (Start: 36 @36567 has 23 MA's), (Start: 40 @36540 has 29 MA's), (Start: 43 @36525 has 1 MA's), (Start: 51 @36477 has 4 MA's), (59, 36420), (67, 36372), (75, 36312), (78, 36294), (79, 36288), (81, 36273), (82, 36258), (86, 36228), (94, 36177), (102, 36141), (107, 36123), (117, 36075),

Gene: JF4_56 Start: 36726, Stop: 36064, Start Num: 8
Candidate Starts for JF4_56:
(Start: 8 @36726 has 629 MA's), (Start: 20 @36633 has 32 MA's), (Start: 32 @36579 has 2 MA's), (Start: 36 @36567 has 23 MA's), (Start: 40 @36540 has 29 MA's), (Start: 43 @36525 has 1 MA's), (Start: 51 @36477 has 4 MA's), (59, 36420), (67, 36372), (75, 36312), (78, 36294), (79, 36288), (81, 36273), (82, 36258), (86, 36228), (94, 36177), (102, 36141), (107, 36123), (117, 36075),

Gene: JHC117_61 Start: 38897, Stop: 38238, Start Num: 8
Candidate Starts for JHC117_61:
(Start: 8 @38897 has 629 MA's), (Start: 20 @38804 has 32 MA's), (Start: 32 @38750 has 2 MA's), (Start: 36 @38738 has 23 MA's), (Start: 40 @38711 has 29 MA's), (59, 38591), (75, 38483), (78, 38465), (79, 38459), (94, 38348), (102, 38312), (107, 38294), (109, 38282),

Gene: JPandJE_58 Start: 31440, Stop: 30808, Start Num: 8
Candidate Starts for JPandJE_58:
(Start: 8 @31440 has 629 MA's), (Start: 12 @31422 has 45 MA's), (14, 31410), (21, 31350), (Start: 45 @31242 has 2 MA's), (46, 31224), (48, 31218), (63, 31125), (79, 31029), (86, 30969),

Gene: JSwag_65 Start: 38229, Stop: 37597, Start Num: 8
Candidate Starts for JSwag_65:
(Start: 8 @38229 has 629 MA's), (Start: 12 @38211 has 45 MA's), (Start: 20 @38136 has 32 MA's), (Start: 40 @38058 has 29 MA's), (Start: 43 @38043 has 1 MA's), (Start: 45 @38028 has 2 MA's), (65, 37908), (66, 37905), (77, 37833), (81, 37803), (90, 37725), (102, 37671),

Gene: Jaan_59 Start: 39966, Stop: 39427, Start Num: 20
Candidate Starts for Jaan_59:
(Start: 20 @39966 has 32 MA's), (Start: 36 @39912 has 23 MA's), (Start: 40 @39885 has 29 MA's), (Start: 45 @39855 has 2 MA's), (59, 39777), (60, 39771), (68, 39711), (81, 39630), (86, 39585), (90, 39552), (102, 39498), (109, 39468),

Gene: Jabiru_55 Start: 38377, Stop: 37715, Start Num: 8
Candidate Starts for Jabiru_55:
(Start: 8 @38377 has 629 MA's), (Start: 20 @38284 has 32 MA's), (Start: 24 @38266 has 1 MA's), (Start: 32 @38224 has 2 MA's), (Start: 36 @38212 has 23 MA's), (Start: 40 @38185 has 29 MA's), (Start: 42 @38173 has 5 MA's), (68, 38008), (79, 37942), (80, 37933), (82, 37912), (86, 37882), (88,

37876), (90, 37849), (94, 37831), (100, 37804), (102, 37795), (107, 37777), (109, 37765), (110, 37762),

Gene: Jabith_60 Start: 38712, Stop: 38065, Start Num: 8
Candidate Starts for Jabith_60:
(Start: 8 @38712 has 629 MA's), (Start: 20 @38619 has 32 MA's), (Start: 36 @38565 has 23 MA's), (Start: 40 @38538 has 29 MA's), (Start: 45 @38508 has 2 MA's), (60, 38412), (68, 38352), (79, 38286), (81, 38271), (86, 38226), (89, 38217), (90, 38193), (102, 38139), (110, 38106),

Gene: JackSparrow_57 Start: 39548, Stop: 39078, Start Num: 40
Candidate Starts for JackSparrow_57:
(Start: 28 @39599 has 135 MA's), (Start: 36 @39575 has 23 MA's), (Start: 40 @39548 has 29 MA's), (Start: 42 @39536 has 5 MA's), (Start: 50 @39488 has 1 MA's), (66, 39389), (72, 39338), (86, 39242), (87, 39239), (90, 39209), (94, 39191), (102, 39155), (109, 39125),

Gene: Janus_40 Start: 29046, Stop: 29705, Start Num: 5
Candidate Starts for Janus_40:
(Start: 5 @29046 has 33 MA's), (14, 29094), (21, 29157), (Start: 42 @29247 has 5 MA's), (62, 29376), (81, 29496), (83, 29520), (86, 29541), (101, 29622),

Gene: Jash_40 Start: 28336, Stop: 28842, Start Num: 36
Candidate Starts for Jash_40:
(Start: 6 @28177 has 40 MA's), (Start: 8 @28192 has 629 MA's), (Start: 10 @28195 has 1 MA's), (Start: 36 @28336 has 23 MA's), (Start: 51 @28420 has 4 MA's), (59, 28477), (60, 28483), (62, 28504), (63, 28513), (70, 28549), (72, 28573), (75, 28585), (76, 28588), (77, 28594), (78, 28603), (83, 28648), (86, 28669), (101, 28750), (106, 28771), (115, 28819),

Gene: Jasper_56 Start: 38179, Stop: 37709, Start Num: 40
Candidate Starts for Jasper_56:
(Start: 28 @38230 has 135 MA's), (Start: 36 @38206 has 23 MA's), (Start: 40 @38179 has 29 MA's), (Start: 42 @38167 has 5 MA's), (Start: 50 @38119 has 1 MA's), (72, 37969), (86, 37873), (90, 37840), (94, 37822), (98, 37810), (102, 37786), (109, 37756),

Gene: Jaykayelowell_53 Start: 38132, Stop: 37473, Start Num: 8
Candidate Starts for Jaykayelowell_53:
(Start: 8 @38132 has 629 MA's), (Start: 20 @38039 has 32 MA's), (Start: 24 @38021 has 1 MA's), (Start: 32 @37985 has 2 MA's), (Start: 36 @37973 has 23 MA's), (Start: 40 @37946 has 29 MA's), (Start: 43 @37931 has 1 MA's), (59, 37826), (78, 37700), (79, 37694), (81, 37679), (82, 37664), (94, 37583), (100, 37556), (102, 37547), (117, 37481),

Gene: Jeeves_63 Start: 38982, Stop: 38356, Start Num: 8
Candidate Starts for Jeeves_63:
(Start: 8 @38982 has 629 MA's), (Start: 15 @38946 has 1 MA's), (Start: 20 @38889 has 32 MA's), (Start: 36 @38841 has 23 MA's), (Start: 45 @38784 has 2 MA's), (59, 38706), (68, 38640), (75, 38598), (81, 38559), (83, 38535), (86, 38514), (102, 38427), (110, 38394),

Gene: Jeffabunny_61 Start: 37682, Stop: 37197, Start Num: 36
Candidate Starts for Jeffabunny_61:
(Start: 8 @37829 has 629 MA's), (Start: 20 @37736 has 32 MA's), (Start: 36 @37682 has 23 MA's), (Start: 45 @37625 has 2 MA's), (60, 37541), (68, 37481), (86, 37355), (90, 37322), (94, 37304), (102, 37268), (107, 37250), (109, 37238), (110, 37235),

Gene: JenCasNa_63 Start: 38898, Stop: 38239, Start Num: 8

Candidate Starts for JenCasNa_63:
(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: JeppNRM_63 Start: 38785, Stop: 38126, Start Num: 8
Candidate Starts for JeppNRM_63:
(Start: 8 @38785 has 629 MA's), (Start: 20 @38692 has 32 MA's), (Start: 32 @38638 has 2 MA's), (Start: 36 @38626 has 23 MA's), (Start: 40 @38599 has 29 MA's), (59, 38479), (75, 38371), (78, 38353), (79, 38347), (90, 38254), (94, 38236), (102, 38200), (107, 38182), (109, 38170),

Gene: Jerm_61 Start: 39473, Stop: 38841, Start Num: 8
Candidate Starts for Jerm_61:
(Start: 8 @39473 has 629 MA's), (Start: 20 @39380 has 32 MA's), (Start: 36 @39326 has 23 MA's), (Start: 45 @39269 has 2 MA's), (60, 39185), (68, 39125), (78, 39065), (86, 38999), (90, 38966), (102, 38912),

Gene: Jerm2_56 Start: 39373, Stop: 38726, Start Num: 11
Candidate Starts for Jerm2_56:
(Start: 11 @39373 has 29 MA's), (Start: 28 @39250 has 135 MA's), (Start: 40 @39199 has 29 MA's), (Start: 42 @39187 has 5 MA's), (57, 39106), (62, 39058), (67, 39037), (68, 39019), (86, 38893), (90, 38860), (94, 38842), (102, 38806), (109, 38773), (110, 38770),

Gene: Jester_47 Start: 34995, Stop: 34336, Start Num: 8
Candidate Starts for Jester_47:
(Start: 8 @34995 has 629 MA's), (Start: 25 @34872 has 5 MA's), (Start: 36 @34836 has 23 MA's), (Start: 40 @34809 has 29 MA's), (Start: 45 @34779 has 2 MA's), (Start: 50 @34749 has 1 MA's), (Start: 51 @34746 has 4 MA's), (52, 34740), (59, 34689), (66, 34644), (68, 34623), (79, 34557), (107, 34392), (110, 34377),

Gene: JetBlade_55 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for JetBlade_55:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 24 @38022 has 1 MA's), (Start: 32 @37986 has 2 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 43 @37932 has 1 MA's), (59, 37827), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (94, 37584), (100, 37557), (102, 37548), (117, 37482),

Gene: Jevington_42 Start: 29464, Stop: 30126, Start Num: 5
Candidate Starts for Jevington_42:
(Start: 5 @29464 has 33 MA's), (14, 29512), (16, 29527), (18, 29548), (27, 29605), (Start: 42 @29665 has 5 MA's), (Start: 51 @29710 has 4 MA's), (62, 29794), (81, 29914), (83, 29938), (86, 29959),

Gene: JewelBug_61 Start: 37924, Stop: 37292, Start Num: 8
Candidate Starts for JewelBug_61:
(Start: 8 @37924 has 629 MA's), (Start: 20 @37831 has 32 MA's), (Start: 36 @37777 has 23 MA's), (Start: 45 @37720 has 2 MA's), (59, 37642), (68, 37576), (81, 37495), (86, 37450), (90, 37417), (94, 37399), (102, 37363), (109, 37333), (110, 37330),

Gene: Jhitchelle_39 Start: 29153, Stop: 29803, Start Num: 8
Candidate Starts for Jhitchelle_39:
(Start: 6 @29138 has 40 MA's), (Start: 8 @29153 has 629 MA's), (21, 29246), (Start: 51 @29381 has 4 MA's), (59, 29438), (60, 29444), (62, 29465), (63, 29474), (72, 29534), (73, 29537), (75, 29546), (83, 29609), (101, 29711),

Gene: Jiawan_59 Start: 38939, Stop: 38310, Start Num: 8
Candidate Starts for Jiawan_59:
(Start: 8 @38939 has 629 MA's), (Start: 20 @38846 has 32 MA's), (Start: 25 @38822 has 5 MA's), (Start: 36 @38798 has 23 MA's), (Start: 40 @38771 has 29 MA's), (Start: 43 @38756 has 1 MA's), (59, 38660), (60, 38654), (66, 38615), (68, 38594), (79, 38528), (86, 38468), (90, 38435), (102, 38381), (109, 38351),

Gene: Jobu08_60 Start: 38730, Stop: 38071, Start Num: 8
Candidate Starts for Jobu08_60:
(Start: 8 @38730 has 629 MA's), (Start: 20 @38637 has 32 MA's), (Start: 32 @38583 has 2 MA's), (Start: 36 @38571 has 23 MA's), (Start: 40 @38544 has 29 MA's), (59, 38424), (75, 38316), (78, 38298), (79, 38292), (94, 38181), (102, 38145), (107, 38127), (109, 38115),

Gene: JoongJeon_54 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for JoongJeon_54:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Jordennis_59 Start: 37405, Stop: 36773, Start Num: 8
Candidate Starts for Jordennis_59:
(Start: 8 @37405 has 629 MA's), (Start: 20 @37312 has 32 MA's), (Start: 36 @37258 has 23 MA's), (Start: 45 @37201 has 2 MA's), (59, 37123), (68, 37057), (81, 36976), (86, 36931), (90, 36898), (94, 36880), (102, 36844), (109, 36814), (110, 36811),

Gene: Jorgensen_55 Start: 39080, Stop: 38559, Start Num: 28
Candidate Starts for Jorgensen_55:
(Start: 11 @39203 has 29 MA's), (Start: 28 @39080 has 135 MA's), (Start: 40 @39029 has 29 MA's), (Start: 42 @39017 has 5 MA's), (62, 38888), (67, 38867), (68, 38849), (78, 38789), (86, 38723), (87, 38720), (90, 38690), (94, 38672), (102, 38636), (109, 38606),

Gene: Joselito_60 Start: 38660, Stop: 38013, Start Num: 8
Candidate Starts for Joselito_60:
(Start: 8 @38660 has 629 MA's), (Start: 20 @38567 has 32 MA's), (Start: 36 @38513 has 23 MA's), (Start: 40 @38486 has 29 MA's), (Start: 45 @38456 has 2 MA's), (60, 38360), (68, 38300), (79, 38234), (81, 38219), (86, 38174), (89, 38165), (90, 38141), (102, 38087), (110, 38054),

Gene: JoshKayV_61 Start: 39537, Stop: 38905, Start Num: 8
Candidate Starts for JoshKayV_61:
(Start: 8 @39537 has 629 MA's), (Start: 20 @39444 has 32 MA's), (29, 39408), (Start: 36 @39390 has 23 MA's), (Start: 45 @39333 has 2 MA's), (60, 39249), (68, 39189), (78, 39129), (86, 39063), (90, 39030), (102, 38976),

Gene: Journey13_53 Start: 37443, Stop: 36811, Start Num: 8
Candidate Starts for Journey13_53:
(Start: 8 @37443 has 629 MA's), (Start: 20 @37350 has 32 MA's), (Start: 36 @37296 has 23 MA's), (Start: 40 @37269 has 29 MA's), (Start: 45 @37239 has 2 MA's), (59, 37161), (68, 37095), (71, 37074), (78, 37035), (81, 37014), (86, 36969), (90, 36936), (102, 36882),

Gene: Jovo_53 Start: 38653, Stop: 37994, Start Num: 8
Candidate Starts for Jovo_53:

(Start: 8 @38653 has 629 MA's), (Start: 20 @38560 has 32 MA's), (Start: 24 @38542 has 1 MA's), (Start: 32 @38500 has 2 MA's), (Start: 36 @38488 has 23 MA's), (Start: 40 @38461 has 29 MA's), (Start: 42 @38449 has 5 MA's), (68, 38287), (79, 38221), (82, 38191), (86, 38161), (88, 38155), (90, 38128), (94, 38110), (100, 38083), (102, 38074), (107, 38056), (109, 38044), (110, 38041),

Gene: Jsquared_58 Start: 38243, Stop: 37611, Start Num: 8
Candidate Starts for Jsquared_58:
(Start: 8 @38243 has 629 MA's), (Start: 20 @38150 has 32 MA's), (Start: 36 @38096 has 23 MA's), (Start: 40 @38069 has 29 MA's), (Start: 45 @38039 has 2 MA's), (59, 37961), (68, 37895), (78, 37835), (81, 37814), (86, 37769), (90, 37736), (94, 37718), (102, 37682),

Gene: JuliaChild_56 Start: 38881, Stop: 38408, Start Num: 40
Candidate Starts for JuliaChild_56:
(Start: 11 @39055 has 29 MA's), (Start: 28 @38932 has 135 MA's), (Start: 40 @38881 has 29 MA's), (Start: 42 @38869 has 5 MA's), (62, 38740), (67, 38719), (68, 38701), (86, 38575), (90, 38542), (94, 38524), (102, 38488), (109, 38455), (110, 38452),

Gene: Junimo_54 Start: 38028, Stop: 37480, Start Num: 24
Candidate Starts for Junimo_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: KADY_62 Start: 38926, Stop: 38267, Start Num: 8
Candidate Starts for KADY_62:
(Start: 8 @38926 has 629 MA's), (Start: 20 @38833 has 32 MA's), (Start: 32 @38779 has 2 MA's), (Start: 36 @38767 has 23 MA's), (Start: 40 @38740 has 29 MA's), (59, 38620), (75, 38512), (78, 38494), (79, 38488), (94, 38377), (102, 38341), (107, 38323), (109, 38311),

Gene: KBG_55 Start: 41113, Stop: 40469, Start Num: 11
Candidate Starts for KBG_55:
(Start: 11 @41113 has 29 MA's), (Start: 28 @40990 has 135 MA's), (Start: 40 @40939 has 29 MA's), (Start: 42 @40927 has 5 MA's), (62, 40798), (67, 40777), (68, 40759), (86, 40633), (87, 40630), (90, 40600), (94, 40582), (102, 40546), (109, 40516),

Gene: KFPoly_54 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for KFPoly_54:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 24 @38022 has 1 MA's), (Start: 32 @37986 has 2 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 43 @37932 has 1 MA's), (59, 37827), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (94, 37584), (100, 37557), (102, 37548), (117, 37482),

Gene: KSSJEB_54 Start: 38647, Stop: 38189, Start Num: 42
Candidate Starts for KSSJEB_54:
(Start: 11 @38833 has 29 MA's), (Start: 28 @38710 has 135 MA's), (Start: 40 @38659 has 29 MA's), (Start: 42 @38647 has 5 MA's), (62, 38518), (67, 38497), (68, 38479), (86, 38353), (90, 38320), (94, 38302), (102, 38266), (109, 38236),

Gene: Kachowdy_58 Start: 38492, Stop: 37830, Start Num: 8
Candidate Starts for Kachowdy_58:
(Start: 8 @38492 has 629 MA's), (Start: 20 @38399 has 32 MA's), (Start: 32 @38345 has 2 MA's), (Start: 36 @38333 has 23 MA's), (Start: 40 @38306 has 29 MA's), (Start: 43 @38291 has 1 MA's),

(Start: 51 @38243 has 4 MA's), (59, 38186), (67, 38138), (75, 38078), (79, 38054), (81, 38039), (82, 38024), (86, 37994), (94, 37943), (102, 37907), (107, 37889), (117, 37841),

Gene: Kaine_40 Start: 29416, Stop: 30081, Start Num: 6
Candidate Starts for Kaine_40:
(Start: 6 @29416 has 40 MA's), (Start: 8 @29431 has 629 MA's), (Start: 51 @29659 has 4 MA's), (59, 29716), (60, 29722), (62, 29743), (63, 29752), (72, 29812), (73, 29815), (75, 29824), (83, 29887), (86, 29908), (101, 29989), (106, 30010),

Gene: Kalb97_63 Start: 38783, Stop: 38124, Start Num: 8
Candidate Starts for Kalb97_63:
(Start: 8 @38783 has 629 MA's), (Start: 20 @38690 has 32 MA's), (Start: 32 @38636 has 2 MA's), (Start: 36 @38624 has 23 MA's), (Start: 40 @38597 has 29 MA's), (59, 38477), (75, 38369), (78, 38351), (79, 38345), (90, 38252), (94, 38234), (102, 38198), (107, 38180), (109, 38168),

Gene: Kalnoky_63 Start: 38781, Stop: 38122, Start Num: 8
Candidate Starts for Kalnoky_63:
(Start: 8 @38781 has 629 MA's), (Start: 20 @38688 has 32 MA's), (Start: 32 @38634 has 2 MA's), (Start: 36 @38622 has 23 MA's), (Start: 40 @38595 has 29 MA's), (59, 38475), (75, 38367), (78, 38349), (79, 38343), (90, 38250), (94, 38232), (102, 38196), (107, 38178), (109, 38166),

Gene: Kalpine_57 Start: 39098, Stop: 38466, Start Num: 8
Candidate Starts for Kalpine_57:
(Start: 8 @39098 has 629 MA's), (Start: 20 @39005 has 32 MA's), (Start: 36 @38951 has 23 MA's), (Start: 40 @38924 has 29 MA's), (Start: 43 @38909 has 1 MA's), (Start: 45 @38894 has 2 MA's), (60, 38810), (68, 38750), (86, 38624), (90, 38591), (94, 38573), (102, 38537),

Gene: Kampy_54 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Kampy_54:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Kanely_57 Start: 39730, Stop: 39209, Start Num: 28
Candidate Starts for Kanely_57:
(Start: 28 @39730 has 135 MA's), (Start: 36 @39706 has 23 MA's), (Start: 40 @39679 has 29 MA's), (Start: 42 @39667 has 5 MA's), (Start: 50 @39619 has 1 MA's), (66, 39520), (72, 39469), (86, 39373), (90, 39340), (94, 39322), (102, 39286), (109, 39256),

Gene: Katalie_39 Start: 28378, Stop: 29028, Start Num: 8
Candidate Starts for Katalie_39:
(Start: 6 @28363 has 40 MA's), (Start: 8 @28378 has 629 MA's), (Start: 10 @28381 has 1 MA's), (Start: 51 @28606 has 4 MA's), (59, 28663), (60, 28669), (62, 28690), (63, 28699), (72, 28759), (75, 28771), (77, 28780), (78, 28789), (83, 28834), (86, 28855), (101, 28936), (106, 28957), (115, 29005),

Gene: Katalie136_54 Start: 38092, Stop: 37433, Start Num: 8
Candidate Starts for Katalie136_54:
(Start: 8 @38092 has 629 MA's), (Start: 20 @37999 has 32 MA's), (Start: 24 @37981 has 1 MA's), (Start: 32 @37945 has 2 MA's), (Start: 36 @37933 has 23 MA's), (Start: 40 @37906 has 29 MA's), (Start: 43 @37891 has 1 MA's), (59, 37786), (78, 37660), (81, 37639), (82, 37624), (94, 37543), (102, 37507), (117, 37441),

Gene: KatherineG_66 Start: 38702, Stop: 38070, Start Num: 8
Candidate Starts for KatherineG_66:
(Start: 8 @38702 has 629 MA's), (Start: 12 @38684 has 45 MA's), (Start: 20 @38609 has 32 MA's), (Start: 40 @38531 has 29 MA's), (Start: 43 @38516 has 1 MA's), (Start: 45 @38501 has 2 MA's), (65, 38381), (66, 38378), (77, 38306), (81, 38276), (90, 38198), (102, 38144),

Gene: Kazan_61 Start: 37724, Stop: 37092, Start Num: 8
Candidate Starts for Kazan_61:
(Start: 8 @37724 has 629 MA's), (Start: 20 @37631 has 32 MA's), (Start: 36 @37577 has 23 MA's), (Start: 45 @37520 has 2 MA's), (59, 37442), (68, 37376), (81, 37295), (86, 37250), (90, 37217), (94, 37199), (102, 37163), (109, 37133), (110, 37130),

Gene: Keiki_30 Start: 21272, Stop: 20601, Start Num: 12
Candidate Starts for Keiki_30:
(Start: 12 @21272 has 45 MA's), (Start: 45 @21059 has 2 MA's), (Start: 51 @21020 has 4 MA's), (63, 20927), (66, 20918), (68, 20897), (72, 20867), (92, 20732), (100, 20690), (112, 20633), (116, 20612),

Gene: KekoraPapaka_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for KekoraPapaka_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Kenmech_58 Start: 40856, Stop: 40332, Start Num: 28
Candidate Starts for Kenmech_58:
(Start: 28 @40856 has 135 MA's), (Start: 36 @40832 has 23 MA's), (Start: 40 @40805 has 29 MA's), (Start: 42 @40793 has 5 MA's), (Start: 50 @40745 has 1 MA's), (72, 40595), (86, 40499), (87, 40496), (90, 40466), (94, 40448), (102, 40412), (109, 40379), (110, 40376),

Gene: Kerberos_61 Start: 38900, Stop: 38268, Start Num: 8
Candidate Starts for Kerberos_61:
(Start: 8 @38900 has 629 MA's), (Start: 20 @38807 has 32 MA's), (Start: 36 @38753 has 23 MA's), (Start: 40 @38726 has 29 MA's), (Start: 45 @38696 has 2 MA's), (59, 38618), (60, 38612), (68, 38552), (81, 38471), (86, 38426), (90, 38393), (94, 38375), (102, 38339),

Gene: Keziacharles14_59 Start: 39995, Stop: 39366, Start Num: 8
Candidate Starts for Keziacharles14_59:
(Start: 8 @39995 has 629 MA's), (Start: 20 @39902 has 32 MA's), (Start: 36 @39854 has 23 MA's), (Start: 40 @39827 has 29 MA's), (59, 39716), (66, 39671), (68, 39650), (75, 39608), (78, 39590), (86, 39524), (90, 39491), (102, 39437), (111, 39401),

Gene: KikiBouba_55 Start: 39332, Stop: 38811, Start Num: 28
Candidate Starts for KikiBouba_55:
(Start: 28 @39332 has 135 MA's), (Start: 36 @39308 has 23 MA's), (Start: 40 @39281 has 29 MA's), (Start: 42 @39269 has 5 MA's), (Start: 50 @39221 has 1 MA's), (66, 39122), (72, 39071), (86, 38975), (90, 38942), (94, 38924), (102, 38888), (109, 38858),

Gene: Killigrew_55 Start: 39910, Stop: 39389, Start Num: 28
Candidate Starts for Killigrew_55:
(Start: 11 @40033 has 29 MA's), (Start: 28 @39910 has 135 MA's), (Start: 40 @39859 has 29 MA's), (Start: 42 @39847 has 5 MA's), (62, 39718), (67, 39697), (68, 39679), (86, 39553), (90, 39520), (94, 39502), (102, 39466), (109, 39436),

Gene: Kimba_59 Start: 38139, Stop: 37585, Start Num: 20
Candidate Starts for Kimba_59:
(Start: 8 @38232 has 629 MA's), (Start: 20 @38139 has 32 MA's), (Start: 36 @38085 has 23 MA's), (Start: 40 @38058 has 29 MA's), (Start: 45 @38028 has 2 MA's), (60, 37932), (68, 37872), (79, 37806), (81, 37791), (86, 37746), (89, 37737), (90, 37713), (102, 37659), (110, 37626),

Gene: Kimona_55 Start: 36769, Stop: 36110, Start Num: 8
Candidate Starts for Kimona_55:
(Start: 8 @36769 has 629 MA's), (Start: 20 @36676 has 32 MA's), (Start: 23 @36661 has 2 MA's), (Start: 32 @36622 has 2 MA's), (Start: 36 @36610 has 23 MA's), (Start: 40 @36583 has 29 MA's), (Start: 50 @36523 has 1 MA's), (59, 36463), (79, 36331), (81, 36316), (82, 36301), (86, 36271), (102, 36184), (107, 36166), (109, 36154), (117, 36118),

Gene: KingCyrus_61 Start: 40654, Stop: 40022, Start Num: 8
Candidate Starts for KingCyrus_61:
(Start: 8 @40654 has 629 MA's), (Start: 20 @40561 has 32 MA's), (Start: 36 @40507 has 23 MA's), (Start: 45 @40450 has 2 MA's), (60, 40366), (68, 40306), (78, 40246), (86, 40180), (90, 40147), (102, 40093),

Gene: Kingmustik0402_55 Start: 38128, Stop: 37469, Start Num: 8
Candidate Starts for Kingmustik0402_55:
(Start: 8 @38128 has 629 MA's), (Start: 20 @38035 has 32 MA's), (Start: 24 @38017 has 1 MA's), (Start: 32 @37981 has 2 MA's), (Start: 36 @37969 has 23 MA's), (Start: 40 @37942 has 29 MA's), (Start: 43 @37927 has 1 MA's), (59, 37822), (78, 37696), (79, 37690), (81, 37675), (82, 37660), (94, 37579), (100, 37552), (102, 37543), (117, 37477),

Gene: Kinmap_55 Start: 37303, Stop: 36674, Start Num: 8
Candidate Starts for Kinmap_55:
(Start: 8 @37303 has 629 MA's), (Start: 20 @37210 has 32 MA's), (Start: 36 @37162 has 23 MA's), (Start: 40 @37135 has 29 MA's), (Start: 45 @37105 has 2 MA's), (Start: 50 @37075 has 1 MA's), (59, 37027), (68, 36961), (78, 36901), (79, 36895), (81, 36880), (90, 36802), (94, 36784), (102, 36748), (109, 36718), (110, 36715),

Gene: Kipper29_60 Start: 37737, Stop: 37105, Start Num: 8
Candidate Starts for Kipper29_60:
(Start: 8 @37737 has 629 MA's), (Start: 20 @37644 has 32 MA's), (Start: 36 @37590 has 23 MA's), (Start: 45 @37533 has 2 MA's), (59, 37455), (68, 37389), (81, 37308), (86, 37263), (90, 37230), (94, 37212), (102, 37176), (109, 37146), (110, 37143),

Gene: KittenMittens_53 Start: 37274, Stop: 36615, Start Num: 8
Candidate Starts for KittenMittens_53:
(Start: 8 @37274 has 629 MA's), (Start: 20 @37181 has 32 MA's), (Start: 36 @37115 has 23 MA's), (Start: 40 @37088 has 29 MA's), (Start: 51 @37025 has 4 MA's), (59, 36968), (67, 36920), (81, 36821), (82, 36806), (100, 36698), (102, 36689), (109, 36659), (117, 36623),

Gene: Klodlith_58 Start: 38610, Stop: 37984, Start Num: 8
Candidate Starts for Klodlith_58:
(Start: 8 @38610 has 629 MA's), (Start: 20 @38517 has 32 MA's), (Start: 36 @38469 has 23 MA's), (Start: 40 @38442 has 29 MA's), (59, 38334), (60, 38328), (68, 38268), (75, 38226), (81, 38187), (86, 38142), (102, 38055),

Gene: Koan_53 Start: 38139, Stop: 37480, Start Num: 8

Candidate Starts for Koan_53:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Koduck_60 Start: 38151, Stop: 37723, Start Num: 45
Candidate Starts for Koduck_60:
(Start: 8 @38358 has 629 MA's), (Start: 20 @38265 has 32 MA's), (Start: 36 @38208 has 23 MA's), (Start: 40 @38181 has 29 MA's), (Start: 45 @38151 has 2 MA's), (60, 38067), (68, 38007), (78, 37947), (86, 37881), (90, 37848), (94, 37830), (102, 37794),

Gene: Koko_62 Start: 38263, Stop: 37631, Start Num: 8
Candidate Starts for Koko_62:
(Start: 8 @38263 has 629 MA's), (Start: 20 @38170 has 32 MA's), (Start: 36 @38116 has 23 MA's), (Start: 45 @38059 has 2 MA's), (60, 37975), (68, 37915), (86, 37789), (90, 37756), (94, 37738), (102, 37702), (107, 37684), (109, 37672), (110, 37669),

Gene: Koreni_54 Start: 37820, Stop: 37161, Start Num: 8
Candidate Starts for Koreni_54:
(Start: 8 @37820 has 629 MA's), (Start: 20 @37727 has 32 MA's), (Start: 24 @37709 has 1 MA's), (Start: 32 @37673 has 2 MA's), (Start: 36 @37661 has 23 MA's), (Start: 40 @37634 has 29 MA's), (Start: 43 @37619 has 1 MA's), (59, 37514), (78, 37388), (79, 37382), (81, 37367), (82, 37352), (94, 37271), (100, 37244), (102, 37235), (117, 37169),

Gene: Kratark_55 Start: 38261, Stop: 37602, Start Num: 8
Candidate Starts for Kratark_55:
(Start: 8 @38261 has 629 MA's), (Start: 20 @38168 has 32 MA's), (Start: 24 @38150 has 1 MA's), (Start: 32 @38114 has 2 MA's), (Start: 36 @38102 has 23 MA's), (Start: 40 @38075 has 29 MA's), (Start: 43 @38060 has 1 MA's), (59, 37955), (78, 37829), (79, 37823), (81, 37808), (82, 37793), (94, 37712), (102, 37676), (117, 37610),

Gene: Kremtemulon_55 Start: 38087, Stop: 37428, Start Num: 8
Candidate Starts for Kremtemulon_55:
(Start: 8 @38087 has 629 MA's), (Start: 20 @37994 has 32 MA's), (Start: 24 @37976 has 1 MA's), (Start: 32 @37940 has 2 MA's), (Start: 36 @37928 has 23 MA's), (Start: 40 @37901 has 29 MA's), (Start: 43 @37886 has 1 MA's), (59, 37781), (78, 37655), (79, 37649), (81, 37634), (82, 37619), (94, 37538), (100, 37511), (102, 37502), (117, 37436),

Gene: Krishelle_48 Start: 35640, Stop: 34981, Start Num: 8
Candidate Starts for Krishelle_48:
(Start: 8 @35640 has 629 MA's), (Start: 25 @35517 has 5 MA's), (Start: 36 @35481 has 23 MA's), (Start: 40 @35454 has 29 MA's), (Start: 45 @35424 has 2 MA's), (Start: 50 @35394 has 1 MA's), (Start: 51 @35391 has 4 MA's), (52, 35385), (59, 35334), (66, 35289), (68, 35268), (78, 35208), (79, 35202), (107, 35037), (110, 35022),

Gene: Kristoff_55 Start: 38419, Stop: 37760, Start Num: 8
Candidate Starts for Kristoff_55:
(Start: 8 @38419 has 629 MA's), (Start: 20 @38326 has 32 MA's), (Start: 36 @38260 has 23 MA's), (Start: 40 @38233 has 29 MA's), (Start: 51 @38170 has 4 MA's), (59, 38113), (67, 38065), (75, 38005), (78, 37987), (81, 37966), (82, 37951), (100, 37843), (102, 37834), (107, 37816), (109, 37804), (117, 37768),

Gene: Kubed_30 Start: 21328, Stop: 20657, Start Num: 12
Candidate Starts for Kubed_30:
(Start: 12 @21328 has 45 MA's), (14, 21316), (16, 21301), (Start: 45 @21115 has 2 MA's), (Start: 51 @21076 has 4 MA's), (59, 21019), (63, 20983), (66, 20974), (72, 20923), (92, 20788), (100, 20746), (112, 20689), (116, 20668),

Gene: Kugel_55 Start: 40035, Stop: 39454, Start Num: 19
Candidate Starts for Kugel_55:
(Start: 19 @40035 has 39 MA's), (Start: 28 @39978 has 135 MA's), (Start: 36 @39954 has 23 MA's), (Start: 40 @39927 has 29 MA's), (Start: 42 @39915 has 5 MA's), (Start: 50 @39867 has 1 MA's), (66, 39768), (72, 39717), (86, 39621), (87, 39618), (90, 39588), (94, 39570), (102, 39534), (109, 39501), (110, 39498),

Gene: Kumquat_57 Start: 30551, Stop: 29919, Start Num: 8
Candidate Starts for Kumquat_57:
(Start: 8 @30551 has 629 MA's), (Start: 12 @30533 has 45 MA's), (14, 30521), (Start: 45 @30353 has 2 MA's), (48, 30329), (58, 30290), (66, 30227), (78, 30146), (86, 30080), (98, 30017),

Gene: KyMonks1A_57 Start: 39348, Stop: 38770, Start Num: 19
Candidate Starts for KyMonks1A_57:
(Start: 19 @39348 has 39 MA's), (Start: 28 @39291 has 135 MA's), (Start: 36 @39267 has 23 MA's), (Start: 40 @39240 has 29 MA's), (Start: 42 @39228 has 5 MA's), (Start: 50 @39180 has 1 MA's), (66, 39081), (72, 39030), (86, 38934), (90, 38901), (94, 38883), (102, 38847), (109, 38817),

Gene: Kyee_55 Start: 38137, Stop: 37478, Start Num: 8
Candidate Starts for Kyee_55:
(Start: 8 @38137 has 629 MA's), (Start: 20 @38044 has 32 MA's), (Start: 24 @38026 has 1 MA's), (Start: 32 @37990 has 2 MA's), (Start: 36 @37978 has 23 MA's), (Start: 40 @37951 has 29 MA's), (Start: 43 @37936 has 1 MA's), (59, 37831), (78, 37705), (79, 37699), (81, 37684), (82, 37669), (94, 37588), (100, 37561), (102, 37552), (117, 37486),

Gene: Kykar_54 Start: 38794, Stop: 38216, Start Num: 19
Candidate Starts for Kykar_54:
(Start: 19 @38794 has 39 MA's), (Start: 28 @38737 has 135 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (Start: 42 @38674 has 5 MA's), (Start: 50 @38626 has 1 MA's), (72, 38476), (86, 38380), (87, 38377), (90, 38347), (94, 38329), (102, 38293), (109, 38263),

Gene: L5_57 Start: 38268, Stop: 37810, Start Num: 40
Candidate Starts for L5_57:
(Start: 8 @38445 has 629 MA's), (Start: 20 @38352 has 32 MA's), (Start: 36 @38295 has 23 MA's), (Start: 40 @38268 has 29 MA's), (Start: 45 @38238 has 2 MA's), (60, 38154), (68, 38094), (78, 38034), (86, 37968), (90, 37935), (94, 37917), (102, 37881),

Gene: LBerry_63 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for LBerry_63:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: LHTSCC_57 Start: 38542, Stop: 37883, Start Num: 8
Candidate Starts for LHTSCC_57:
(Start: 8 @38542 has 629 MA's), (Start: 20 @38449 has 32 MA's), (Start: 32 @38395 has 2 MA's), (Start: 36 @38383 has 23 MA's), (Start: 40 @38356 has 29 MA's), (Start: 43 @38341 has 1 MA's), (59,

38236), (78, 38110), (81, 38089), (82, 38074), (94, 37993), (100, 37966), (102, 37957), (117, 37891),

Gene: LadyBird_64 Start: 39739, Stop: 39200, Start Num: 20
Candidate Starts for LadyBird_64:
(Start: 20 @39739 has 32 MA's), (Start: 36 @39685 has 23 MA's), (Start: 45 @39628 has 2 MA's), (60, 39544), (68, 39484), (79, 39418), (86, 39358), (90, 39325), (94, 39307), (102, 39271),

Gene: Lambert1_57 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for Lambert1_57:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: Lamina13_55 Start: 38765, Stop: 38244, Start Num: 28
Candidate Starts for Lamina13_55:
(Start: 28 @38765 has 135 MA's), (Start: 36 @38741 has 23 MA's), (Start: 40 @38714 has 29 MA's), (Start: 42 @38702 has 5 MA's), (Start: 50 @38654 has 1 MA's), (72, 38504), (86, 38408), (90, 38375), (94, 38357), (102, 38321), (109, 38291),

Gene: Landor_59 Start: 39884, Stop: 39345, Start Num: 20
Candidate Starts for Landor_59:
(Start: 20 @39884 has 32 MA's), (22, 39872), (Start: 36 @39830 has 23 MA's), (Start: 40 @39803 has 29 MA's), (Start: 45 @39773 has 2 MA's), (59, 39695), (60, 39689), (68, 39629), (81, 39548), (86, 39503), (90, 39470), (102, 39416), (109, 39386),

Gene: Lannister_41 Start: 29083, Stop: 29505, Start Num: 51
Candidate Starts for Lannister_41:
(Start: 6 @28840 has 40 MA's), (Start: 8 @28855 has 629 MA's), (Start: 10 @28858 has 1 MA's), (Start: 51 @29083 has 4 MA's), (59, 29140), (60, 29146), (62, 29167), (63, 29176), (70, 29212), (72, 29236), (75, 29248), (77, 29257), (78, 29266), (83, 29311), (86, 29332), (101, 29413), (106, 29434), (115, 29482),

Gene: LappelDuVide_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for LappelDuVide_55:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: Larenn_58 Start: 39063, Stop: 38431, Start Num: 8
Candidate Starts for Larenn_58:
(Start: 8 @39063 has 629 MA's), (Start: 20 @38970 has 32 MA's), (Start: 36 @38916 has 23 MA's), (Start: 45 @38859 has 2 MA's), (59, 38781), (60, 38775), (68, 38715), (78, 38655), (81, 38634), (86, 38589), (90, 38556), (102, 38502),

Gene: LarryKay_62 Start: 38928, Stop: 38269, Start Num: 8
Candidate Starts for LarryKay_62:
(Start: 8 @38928 has 629 MA's), (Start: 20 @38835 has 32 MA's), (Start: 32 @38781 has 2 MA's), (Start: 36 @38769 has 23 MA's), (Start: 40 @38742 has 29 MA's), (59, 38622), (75, 38514), (78, 38496), (79, 38490), (94, 38379), (102, 38343), (107, 38325), (109, 38313),

Gene: LastResort_64 Start: 38281, Stop: 37649, Start Num: 8

Candidate Starts for LastResort_64:
(Start: 8 @38281 has 629 MA's), (Start: 12 @38263 has 45 MA's), (Start: 20 @38188 has 32 MA's), (Start: 40 @38110 has 29 MA's), (Start: 43 @38095 has 1 MA's), (Start: 45 @38080 has 2 MA's), (65, 37960), (66, 37957), (77, 37885), (81, 37855), (90, 37777), (94, 37759), (102, 37723),

Gene: Lauchelly_30 Start: 21377, Stop: 20706, Start Num: 12
Candidate Starts for Lauchelly_30:
(Start: 12 @21377 has 45 MA's), (Start: 45 @21164 has 2 MA's), (Start: 51 @21125 has 4 MA's), (63, 21032), (66, 21023), (68, 21002), (72, 20972), (92, 20837), (100, 20795), (112, 20738), (116, 20717),

Gene: Legacy_39 Start: 27950, Stop: 28456, Start Num: 36
Candidate Starts for Legacy_39:
(Start: 6 @27791 has 40 MA's), (Start: 8 @27806 has 629 MA's), (Start: 10 @27809 has 1 MA's), (Start: 36 @27950 has 23 MA's), (Start: 51 @28034 has 4 MA's), (59, 28091), (60, 28097), (62, 28118), (63, 28127), (70, 28163), (72, 28187), (75, 28199), (77, 28208), (78, 28217), (83, 28262), (101, 28364), (106, 28385), (115, 28433),

Gene: Lemur_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Lemur_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: LeoAvram_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for LeoAvram_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Leogania_59 Start: 39757, Stop: 39218, Start Num: 20
Candidate Starts for Leogania_59:
(Start: 20 @39757 has 32 MA's), (29, 39721), (Start: 36 @39703 has 23 MA's), (Start: 40 @39676 has 29 MA's), (Start: 45 @39646 has 2 MA's), (59, 39568), (60, 39562), (68, 39502), (78, 39442), (81, 39421), (86, 39376), (90, 39343), (102, 39289),

Gene: Lesedi_51 Start: 37772, Stop: 37194, Start Num: 19
Candidate Starts for Lesedi_51:
(Start: 19 @37772 has 39 MA's), (Start: 28 @37715 has 135 MA's), (Start: 36 @37691 has 23 MA's), (Start: 40 @37664 has 29 MA's), (Start: 42 @37652 has 5 MA's), (Start: 50 @37604 has 1 MA's), (72, 37454), (86, 37358), (90, 37325), (94, 37307), (102, 37271), (109, 37241),

Gene: Lev2_53 Start: 38285, Stop: 37626, Start Num: 8
Candidate Starts for Lev2_53:
(Start: 8 @38285 has 629 MA's), (Start: 20 @38192 has 32 MA's), (Start: 24 @38174 has 1 MA's), (Start: 32 @38132 has 2 MA's), (Start: 36 @38120 has 23 MA's), (Start: 40 @38093 has 29 MA's), (Start: 42 @38081 has 5 MA's), (68, 37919), (79, 37853), (82, 37823), (86, 37793), (88, 37787), (90, 37760), (94, 37742), (100, 37715), (102, 37706), (107, 37688), (109, 37676), (110, 37673),

Gene: Levia_52 Start: 38553, Stop: 38032, Start Num: 28
Candidate Starts for Levia_52:

(Start: 28 @38553 has 135 MA's), (Start: 36 @38529 has 23 MA's), (Start: 40 @38502 has 29 MA's), (Start: 42 @38490 has 5 MA's), (Start: 50 @38442 has 1 MA's), (72, 38292), (86, 38196), (90, 38163), (94, 38145), (102, 38109), (109, 38079),

Gene: Leviathan_61 Start: 39530, Stop: 38898, Start Num: 8
Candidate Starts for Leviathan_61:
(Start: 8 @39530 has 629 MA's), (Start: 20 @39437 has 32 MA's), (Start: 36 @39383 has 23 MA's), (Start: 45 @39326 has 2 MA's), (60, 39242), (68, 39182), (78, 39122), (86, 39056), (90, 39023), (102, 38969),

Gene: Leviosa_30 Start: 21373, Stop: 20702, Start Num: 12
Candidate Starts for Leviosa_30:
(Start: 12 @21373 has 45 MA's), (Start: 45 @21160 has 2 MA's), (Start: 51 @21121 has 4 MA's), (59, 21064), (63, 21028), (66, 21019), (68, 20998), (72, 20968), (92, 20833), (100, 20791), (112, 20734), (116, 20713),

Gene: Leviticus_39 Start: 27979, Stop: 28485, Start Num: 36
Candidate Starts for Leviticus_39:
(Start: 6 @27820 has 40 MA's), (Start: 8 @27835 has 629 MA's), (Start: 10 @27838 has 1 MA's), (Start: 36 @27979 has 23 MA's), (Start: 51 @28063 has 4 MA's), (59, 28120), (60, 28126), (62, 28147), (63, 28156), (70, 28192), (72, 28216), (75, 28228), (77, 28237), (78, 28246), (83, 28291), (101, 28393), (106, 28414), (115, 28462),

Gene: Licorice_57 Start: 41079, Stop: 40558, Start Num: 28
Candidate Starts for Licorice_57:
(Start: 28 @41079 has 135 MA's), (Start: 36 @41055 has 23 MA's), (Start: 40 @41028 has 29 MA's), (Start: 42 @41016 has 5 MA's), (Start: 50 @40968 has 1 MA's), (66, 40869), (72, 40818), (86, 40722), (90, 40689), (94, 40671), (102, 40635), (109, 40605),

Gene: Lika_39 Start: 28635, Stop: 29300, Start Num: 6
Candidate Starts for Lika_39:
(Start: 6 @28635 has 40 MA's), (Start: 8 @28650 has 629 MA's), (Start: 10 @28653 has 1 MA's), (Start: 36 @28794 has 23 MA's), (Start: 51 @28878 has 4 MA's), (59, 28935), (60, 28941), (62, 28962), (63, 28971), (70, 29007), (72, 29031), (75, 29043), (77, 29052), (78, 29061), (83, 29106), (86, 29127), (101, 29208), (106, 29229), (115, 29277),

Gene: LilBandit_30 Start: 21167, Stop: 20496, Start Num: 12
Candidate Starts for LilBandit_30:
(Start: 12 @21167 has 45 MA's), (Start: 45 @20954 has 2 MA's), (Start: 51 @20915 has 4 MA's), (59, 20858), (63, 20822), (66, 20813), (68, 20792), (72, 20762), (92, 20627), (100, 20585), (112, 20528), (116, 20507),

Gene: LilBib_55 Start: 40493, Stop: 39969, Start Num: 28
Candidate Starts for LilBib_55:
(Start: 28 @40493 has 135 MA's), (Start: 36 @40469 has 23 MA's), (Start: 40 @40442 has 29 MA's), (Start: 42 @40430 has 5 MA's), (Start: 50 @40382 has 1 MA's), (72, 40232), (86, 40136), (87, 40133), (90, 40103), (94, 40085), (102, 40049), (109, 40016), (110, 40013),

Gene: LilTurb_60 Start: 39354, Stop: 38722, Start Num: 8
Candidate Starts for LilTurb_60:
(Start: 8 @39354 has 629 MA's), (Start: 20 @39261 has 32 MA's), (Start: 36 @39207 has 23 MA's), (Start: 45 @39150 has 2 MA's), (60, 39066), (68, 39006), (78, 38946), (86, 38880), (90, 38847), (102, 38793),

Gene: Lilbunny_60 Start: 37833, Stop: 37201, Start Num: 8
Candidate Starts for Lilbunny_60:
(Start: 8 @37833 has 629 MA's), (Start: 20 @37740 has 32 MA's), (Start: 36 @37686 has 23 MA's), (Start: 45 @37629 has 2 MA's), (60, 37545), (68, 37485), (86, 37359), (90, 37326), (94, 37308), (102, 37272), (107, 37254), (109, 37242), (110, 37239),

Gene: Lilith_62 Start: 38891, Stop: 38232, Start Num: 8
Candidate Starts for Lilith_62:
(Start: 8 @38891 has 629 MA's), (Start: 20 @38798 has 32 MA's), (Start: 32 @38744 has 2 MA's), (Start: 36 @38732 has 23 MA's), (Start: 40 @38705 has 29 MA's), (59, 38585), (75, 38477), (78, 38459), (79, 38453), (94, 38342), (102, 38306), (107, 38288), (109, 38276),

Gene: Lilleskat_59 Start: 38856, Stop: 38227, Start Num: 8
Candidate Starts for Lilleskat_59:
(Start: 8 @38856 has 629 MA's), (Start: 20 @38763 has 32 MA's), (Start: 25 @38739 has 5 MA's), (Start: 36 @38715 has 23 MA's), (Start: 40 @38688 has 29 MA's), (Start: 43 @38673 has 1 MA's), (59, 38577), (60, 38571), (66, 38532), (68, 38511), (86, 38385), (90, 38352), (102, 38298), (109, 38268),

Gene: Lillie_48 Start: 35031, Stop: 34621, Start Num: 51
Candidate Starts for Lillie_48:
(Start: 8 @35280 has 629 MA's), (Start: 25 @35157 has 5 MA's), (Start: 36 @35121 has 23 MA's), (Start: 40 @35094 has 29 MA's), (Start: 45 @35064 has 2 MA's), (Start: 50 @35034 has 1 MA's), (Start: 51 @35031 has 4 MA's), (52, 35025), (59, 34974), (66, 34929), (68, 34908), (78, 34848), (79, 34842), (107, 34677), (110, 34662),

Gene: LionsBait_59 Start: 40416, Stop: 39877, Start Num: 20
Candidate Starts for LionsBait_59:
(Start: 20 @40416 has 32 MA's), (Start: 36 @40362 has 23 MA's), (Start: 45 @40305 has 2 MA's), (60, 40221), (68, 40161), (78, 40101), (86, 40035), (90, 40002), (94, 39984), (102, 39948),

Gene: LittleB_55 Start: 38140, Stop: 37481, Start Num: 8
Candidate Starts for LittleB_55:
(Start: 8 @38140 has 629 MA's), (Start: 20 @38047 has 32 MA's), (Start: 24 @38029 has 1 MA's), (Start: 32 @37993 has 2 MA's), (Start: 36 @37981 has 23 MA's), (Start: 40 @37954 has 29 MA's), (Start: 43 @37939 has 1 MA's), (59, 37834), (78, 37708), (79, 37702), (81, 37687), (82, 37672), (94, 37591), (100, 37564), (102, 37555), (117, 37489),

Gene: LittleCherry_53 Start: 38493, Stop: 37834, Start Num: 8
Candidate Starts for LittleCherry_53:
(Start: 8 @38493 has 629 MA's), (Start: 20 @38400 has 32 MA's), (Start: 24 @38382 has 1 MA's), (Start: 32 @38340 has 2 MA's), (Start: 36 @38328 has 23 MA's), (Start: 40 @38301 has 29 MA's), (Start: 42 @38289 has 5 MA's), (Start: 51 @38238 has 4 MA's), (79, 38061), (80, 38052), (82, 38031), (85, 38016), (86, 38001), (88, 37995), (90, 37968), (94, 37950), (100, 37923), (102, 37914), (107, 37896), (109, 37884), (110, 37881),

Gene: LittleGuy_55 Start: 38035, Stop: 37376, Start Num: 8
Candidate Starts for LittleGuy_55:
(Start: 8 @38035 has 629 MA's), (Start: 20 @37942 has 32 MA's), (Start: 24 @37924 has 1 MA's), (Start: 32 @37888 has 2 MA's), (Start: 36 @37876 has 23 MA's), (Start: 40 @37849 has 29 MA's), (Start: 43 @37834 has 1 MA's), (59, 37729), (78, 37603), (79, 37597), (81, 37582), (82, 37567), (94, 37486), (100, 37459), (102, 37450), (117, 37384),

Gene: LochMonster_56 Start: 38189, Stop: 37716, Start Num: 40
Candidate Starts for LochMonster_56:
(Start: 8 @38375 has 629 MA's), (Start: 20 @38282 has 32 MA's), (Start: 24 @38264 has 1 MA's), (Start: 32 @38228 has 2 MA's), (Start: 36 @38216 has 23 MA's), (Start: 40 @38189 has 29 MA's), (Start: 43 @38174 has 1 MA's), (59, 38069), (78, 37943), (79, 37937), (81, 37922), (82, 37907), (94, 37826), (100, 37799), (102, 37790), (117, 37724),

Gene: Lockley_53 Start: 38634, Stop: 38164, Start Num: 40
Candidate Starts for Lockley_53:
(Start: 28 @38685 has 135 MA's), (Start: 36 @38661 has 23 MA's), (Start: 40 @38634 has 29 MA's), (Start: 42 @38622 has 5 MA's), (Start: 50 @38574 has 1 MA's), (72, 38424), (86, 38328), (90, 38295), (94, 38277), (102, 38241), (109, 38211),

Gene: LogiBear_64 Start: 38457, Stop: 37831, Start Num: 9
Candidate Starts for LogiBear_64:
(Start: 9 @38457 has 3 MA's), (Start: 20 @38367 has 32 MA's), (Start: 36 @38319 has 23 MA's), (Start: 40 @38292 has 29 MA's), (Start: 45 @38262 has 2 MA's), (59, 38184), (60, 38178), (66, 38139), (76, 38073), (81, 38037), (90, 37959), (94, 37941), (102, 37905),

Gene: Lokk_56 Start: 38432, Stop: 37800, Start Num: 8
Candidate Starts for Lokk_56:
(Start: 8 @38432 has 629 MA's), (Start: 20 @38339 has 32 MA's), (Start: 36 @38285 has 23 MA's), (Start: 40 @38258 has 29 MA's), (59, 38150), (60, 38144), (68, 38084), (81, 38003), (86, 37958), (90, 37925), (94, 37907), (102, 37871),

Gene: LoneWolf_60 Start: 38884, Stop: 38258, Start Num: 8
Candidate Starts for LoneWolf_60:
(Start: 8 @38884 has 629 MA's), (Start: 20 @38791 has 32 MA's), (21, 38788), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (Start: 43 @38701 has 1 MA's), (59, 38608), (60, 38602), (68, 38542), (75, 38500), (78, 38482), (81, 38461), (86, 38416), (90, 38383), (102, 38329),

Gene: Loofah_40 Start: 29235, Stop: 29897, Start Num: 5
Candidate Starts for Loofah_40:
(Start: 5 @29235 has 33 MA's), (14, 29283), (21, 29346), (27, 29376), (Start: 42 @29436 has 5 MA's), (Start: 51 @29481 has 4 MA's), (62, 29565), (63, 29574), (81, 29685), (83, 29709), (86, 29730), (106, 29829), (108, 29844), (113, 29865),

Gene: Looper_65 Start: 38193, Stop: 37561, Start Num: 8
Candidate Starts for Looper_65:
(Start: 8 @38193 has 629 MA's), (Start: 12 @38175 has 45 MA's), (Start: 20 @38100 has 32 MA's), (Start: 40 @38022 has 29 MA's), (Start: 43 @38007 has 1 MA's), (Start: 45 @37992 has 2 MA's), (65, 37872), (66, 37869), (77, 37797), (81, 37767), (90, 37689), (102, 37635),

Gene: Lopton_55 Start: 41306, Stop: 40662, Start Num: 11
Candidate Starts for Lopton_55:
(Start: 11 @41306 has 29 MA's), (Start: 28 @41183 has 135 MA's), (Start: 40 @41132 has 29 MA's), (Start: 42 @41120 has 5 MA's), (62, 40991), (67, 40970), (68, 40952), (86, 40826), (90, 40793), (94, 40775), (102, 40739), (109, 40709),

Gene: Lorelei_40 Start: 28695, Stop: 29360, Start Num: 6
Candidate Starts for Lorelei_40:
(Start: 6 @28695 has 40 MA's), (Start: 8 @28710 has 629 MA's), (Start: 10 @28713 has 1 MA's), (Start: 36 @28854 has 23 MA's), (Start: 51 @28938 has 4 MA's), (59, 28995), (60, 29001), (62,

29022), (72, 29091), (73, 29094), (75, 29103), (77, 29112), (78, 29121), (83, 29166), (86, 29187), (101, 29268), (106, 29289), (115, 29337),

Gene: Lorenzo_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Lorenzo_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Loser_61 Start: 39619, Stop: 39080, Start Num: 20
Candidate Starts for Loser_61:
(Start: 20 @39619 has 32 MA's), (29, 39583), (Start: 36 @39565 has 23 MA's), (Start: 45 @39508 has 2 MA's), (59, 39430), (60, 39424), (66, 39385), (68, 39364), (81, 39283), (86, 39238), (90, 39205), (94, 39187), (102, 39151),

Gene: Louie6_61 Start: 38927, Stop: 38268, Start Num: 8
Candidate Starts for Louie6_61:
(Start: 8 @38927 has 629 MA's), (Start: 20 @38834 has 32 MA's), (Start: 32 @38780 has 2 MA's), (Start: 36 @38768 has 23 MA's), (Start: 40 @38741 has 29 MA's), (59, 38621), (75, 38513), (79, 38489), (102, 38342), (107, 38324), (109, 38312),

Gene: Lowa_62 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for Lowa_62:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: Luchador_62 Start: 40565, Stop: 39939, Start Num: 8
Candidate Starts for Luchador_62:
(Start: 8 @40565 has 629 MA's), (Start: 15 @40529 has 1 MA's), (Start: 20 @40472 has 32 MA's), (Start: 36 @40424 has 23 MA's), (Start: 45 @40367 has 2 MA's), (59, 40289), (68, 40223), (75, 40181), (81, 40142), (83, 40118), (86, 40097), (102, 40010), (110, 39977),

Gene: Lucivia_60 Start: 38709, Stop: 38062, Start Num: 8
Candidate Starts for Lucivia_60:
(Start: 8 @38709 has 629 MA's), (Start: 20 @38616 has 32 MA's), (Start: 36 @38562 has 23 MA's), (Start: 40 @38535 has 29 MA's), (Start: 45 @38505 has 2 MA's), (60, 38409), (68, 38349), (79, 38283), (81, 38268), (86, 38223), (89, 38214), (90, 38190), (102, 38136), (110, 38103),

Gene: Lucyedi_61 Start: 39216, Stop: 38578, Start Num: 8
Candidate Starts for Lucyedi_61:
(Start: 8 @39216 has 629 MA's), (Start: 20 @39123 has 32 MA's), (Start: 36 @39069 has 23 MA's), (Start: 40 @39042 has 29 MA's), (Start: 43 @39027 has 1 MA's), (Start: 45 @39012 has 2 MA's), (60, 38925), (68, 38865), (75, 38820), (82, 38766), (86, 38736), (94, 38685), (102, 38649),

Gene: LugYA_65 Start: 38899, Stop: 38240, Start Num: 8
Candidate Starts for LugYA_65:
(Start: 8 @38899 has 629 MA's), (Start: 20 @38806 has 32 MA's), (Start: 32 @38752 has 2 MA's), (Start: 36 @38740 has 23 MA's), (Start: 40 @38713 has 29 MA's), (59, 38593), (75, 38485), (78, 38467), (79, 38461), (94, 38350), (102, 38314), (107, 38296), (109, 38284),

Gene: LunarLander_56 Start: 39012, Stop: 38491, Start Num: 28

Candidate Starts for LunarLander_56:
(Start: 28 @39012 has 135 MA's), (Start: 36 @38988 has 23 MA's), (Start: 40 @38961 has 29 MA's), (Start: 42 @38949 has 5 MA's), (Start: 50 @38901 has 1 MA's), (66, 38802), (72, 38751), (86, 38655), (87, 38652), (90, 38622), (94, 38604), (95, 38601), (102, 38568), (109, 38538), (110, 38535),

Gene: Lunsford_56 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for Lunsford_56:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 24 @38022 has 1 MA's), (Start: 32 @37986 has 2 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 43 @37932 has 1 MA's), (59, 37827), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (94, 37584), (100, 37557), (102, 37548), (117, 37482),

Gene: MA5_58 Start: 37926, Stop: 37264, Start Num: 8
Candidate Starts for MA5_58:
(Start: 8 @37926 has 629 MA's), (Start: 20 @37833 has 32 MA's), (Start: 32 @37779 has 2 MA's), (Start: 36 @37767 has 23 MA's), (Start: 40 @37740 has 29 MA's), (Start: 43 @37725 has 1 MA's), (Start: 51 @37677 has 4 MA's), (59, 37620), (67, 37572), (75, 37512), (78, 37494), (79, 37488), (81, 37473), (82, 37458), (86, 37428), (94, 37377), (102, 37341), (107, 37323), (117, 37275),

Gene: MEAK_30 Start: 21034, Stop: 20363, Start Num: 12
Candidate Starts for MEAK_30:
(Start: 12 @21034 has 45 MA's), (Start: 45 @20821 has 2 MA's), (Start: 51 @20782 has 4 MA's), (63, 20689), (66, 20680), (68, 20659), (72, 20629), (92, 20494), (100, 20452), (112, 20395), (116, 20374),

Gene: MK4_58 Start: 38010, Stop: 37348, Start Num: 8
Candidate Starts for MK4_58:
(Start: 8 @38010 has 629 MA's), (Start: 20 @37917 has 32 MA's), (Start: 32 @37863 has 2 MA's), (Start: 36 @37851 has 23 MA's), (Start: 40 @37824 has 29 MA's), (Start: 43 @37809 has 1 MA's), (Start: 51 @37761 has 4 MA's), (59, 37704), (67, 37656), (75, 37596), (78, 37578), (79, 37572), (81, 37557), (82, 37542), (86, 37512), (94, 37461), (102, 37425), (107, 37407), (117, 37359),

Gene: MPlant7149_53 Start: 37868, Stop: 37290, Start Num: 19
Candidate Starts for MPlant7149_53:
(Start: 19 @37868 has 39 MA's), (Start: 28 @37811 has 135 MA's), (Start: 36 @37787 has 23 MA's), (Start: 40 @37760 has 29 MA's), (Start: 42 @37748 has 5 MA's), (Start: 50 @37700 has 1 MA's), (72, 37550), (86, 37454), (87, 37451), (90, 37421), (94, 37403), (102, 37367), (109, 37337),

Gene: MaCh_60 Start: 38639, Stop: 37992, Start Num: 8
Candidate Starts for MaCh_60:
(Start: 8 @38639 has 629 MA's), (Start: 20 @38546 has 32 MA's), (Start: 36 @38492 has 23 MA's), (Start: 40 @38465 has 29 MA's), (Start: 45 @38435 has 2 MA's), (60, 38339), (68, 38279), (79, 38213), (81, 38198), (86, 38153), (89, 38144), (90, 38120), (102, 38066), (110, 38033),

Gene: Mabel_59 Start: 38241, Stop: 37594, Start Num: 8
Candidate Starts for Mabel_59:
(Start: 8 @38241 has 629 MA's), (Start: 20 @38148 has 32 MA's), (Start: 36 @38094 has 23 MA's), (Start: 40 @38067 has 29 MA's), (Start: 45 @38037 has 2 MA's), (60, 37941), (68, 37881), (79, 37815), (81, 37800), (86, 37755), (89, 37746), (90, 37722), (102, 37668), (110, 37635),

Gene: MadMarie_62 Start: 38900, Stop: 38241, Start Num: 8
Candidate Starts for MadMarie_62:
(Start: 8 @38900 has 629 MA's), (Start: 20 @38807 has 32 MA's), (Start: 32 @38753 has 2 MA's), (Start: 36 @38741 has 23 MA's), (Start: 40 @38714 has 29 MA's), (59, 38594), (75, 38486), (78,

38468), (79, 38462), (94, 38351), (102, 38315), (107, 38297), (109, 38285),

Gene: Magnar_54 Start: 39316, Stop: 38735, Start Num: 19
Candidate Starts for Magnar_54:
(Start: 19 @39316 has 39 MA's), (Start: 28 @39259 has 135 MA's), (Start: 36 @39235 has 23 MA's), (Start: 40 @39208 has 29 MA's), (Start: 42 @39196 has 5 MA's), (Start: 50 @39148 has 1 MA's), (72, 38998), (86, 38902), (87, 38899), (90, 38869), (94, 38851), (102, 38815), (109, 38782), (110, 38779),

Gene: Magnito_53 Start: 39035, Stop: 38457, Start Num: 19
Candidate Starts for Magnito_53:
(Start: 19 @39035 has 39 MA's), (Start: 28 @38978 has 135 MA's), (Start: 36 @38954 has 23 MA's), (Start: 40 @38927 has 29 MA's), (Start: 42 @38915 has 5 MA's), (Start: 50 @38867 has 1 MA's), (72, 38717), (86, 38621), (90, 38588), (94, 38570), (102, 38534), (109, 38504),

Gene: Mainiac_62 Start: 38892, Stop: 38233, Start Num: 8
Candidate Starts for Mainiac_62:
(Start: 8 @38892 has 629 MA's), (Start: 20 @38799 has 32 MA's), (Start: 32 @38745 has 2 MA's), (Start: 36 @38733 has 23 MA's), (Start: 40 @38706 has 29 MA's), (59, 38586), (75, 38478), (78, 38460), (79, 38454), (94, 38343), (102, 38307), (107, 38289), (109, 38277),

Gene: MajorMajor_59 Start: 38259, Stop: 37627, Start Num: 8
Candidate Starts for MajorMajor_59:
(Start: 8 @38259 has 629 MA's), (Start: 20 @38166 has 32 MA's), (Start: 23 @38151 has 2 MA's), (Start: 36 @38112 has 23 MA's), (Start: 40 @38085 has 29 MA's), (Start: 45 @38055 has 2 MA's), (59, 37977), (66, 37932), (68, 37911), (81, 37830), (86, 37785), (90, 37752), (94, 37734), (102, 37698),

Gene: Makemake_55 Start: 39644, Stop: 39120, Start Num: 28
Candidate Starts for Makemake_55:
(Start: 28 @39644 has 135 MA's), (Start: 36 @39620 has 23 MA's), (Start: 40 @39593 has 29 MA's), (Start: 42 @39581 has 5 MA's), (Start: 50 @39533 has 1 MA's), (72, 39383), (86, 39287), (87, 39284), (90, 39254), (94, 39236), (102, 39200), (109, 39167), (110, 39164),

Gene: Malec_59 Start: 39630, Stop: 38998, Start Num: 8
Candidate Starts for Malec_59:
(Start: 8 @39630 has 629 MA's), (Start: 20 @39537 has 32 MA's), (Start: 36 @39483 has 23 MA's), (Start: 45 @39426 has 2 MA's), (59, 39348), (60, 39342), (68, 39282), (78, 39222), (81, 39201), (86, 39156), (90, 39123), (102, 39069),

Gene: Malinsilva_64 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for Malinsilva_64:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: Maminiaina_58 Start: 38853, Stop: 38227, Start Num: 8
Candidate Starts for Maminiaina_58:
(Start: 8 @38853 has 629 MA's), (Start: 20 @38760 has 32 MA's), (Start: 36 @38712 has 23 MA's), (Start: 40 @38685 has 29 MA's), (59, 38577), (68, 38511), (81, 38430), (86, 38385), (102, 38298),

Gene: Manatee_56 Start: 39465, Stop: 38821, Start Num: 11
Candidate Starts for Manatee_56:
(Start: 11 @39465 has 29 MA's), (Start: 28 @39342 has 135 MA's), (Start: 40 @39291 has 29 MA's), (Start: 42 @39279 has 5 MA's), (62, 39150), (67, 39129), (68, 39111), (86, 38985), (90, 38952), (94,

38934), (102, 38898), (109, 38868),

Gene: Maneekul_39 Start: 28214, Stop: 28879, Start Num: 6
Candidate Starts for Maneekul_39:
(Start: 6 @28214 has 40 MA's), (Start: 8 @28229 has 629 MA's), (Start: 10 @28232 has 1 MA's), (Start: 51 @28457 has 4 MA's), (59, 28514), (60, 28520), (62, 28541), (70, 28586), (72, 28610), (75, 28622), (77, 28631), (78, 28640), (83, 28685), (86, 28706), (101, 28787), (106, 28808), (115, 28856),

Gene: Manu_62 Start: 38784, Stop: 38125, Start Num: 8
Candidate Starts for Manu_62:
(Start: 8 @38784 has 629 MA's), (Start: 20 @38691 has 32 MA's), (Start: 32 @38637 has 2 MA's), (Start: 36 @38625 has 23 MA's), (Start: 40 @38598 has 29 MA's), (59, 38478), (75, 38370), (78, 38352), (79, 38346), (90, 38253), (94, 38235), (102, 38199), (107, 38181), (109, 38169),

Gene: Manuel_55 Start: 30734, Stop: 30102, Start Num: 8
Candidate Starts for Manuel_55:
(Start: 8 @30734 has 629 MA's), (Start: 12 @30716 has 45 MA's), (14, 30704), (41, 30560), (Start: 45 @30536 has 2 MA's), (48, 30512), (53, 30497), (66, 30410), (78, 30329), (86, 30263), (95, 30209), (96, 30206),

Gene: MarQuardt_62 Start: 38900, Stop: 38241, Start Num: 8
Candidate Starts for MarQuardt_62:
(Start: 8 @38900 has 629 MA's), (Start: 20 @38807 has 32 MA's), (Start: 32 @38753 has 2 MA's), (Start: 36 @38741 has 23 MA's), (Start: 40 @38714 has 29 MA's), (59, 38594), (75, 38486), (78, 38468), (79, 38462), (94, 38351), (102, 38315), (107, 38297), (109, 38285),

Gene: Marav_43 Start: 29789, Stop: 30451, Start Num: 5
Candidate Starts for Marav_43:
(Start: 5 @29789 has 33 MA's), (14, 29837), (16, 29852), (18, 29873), (27, 29930), (Start: 42 @29990 has 5 MA's), (Start: 51 @30035 has 4 MA's), (62, 30119), (81, 30239), (83, 30263), (86, 30284), (115, 30431),

Gene: Marcell_52 Start: 38337, Stop: 37816, Start Num: 28
Candidate Starts for Marcell_52:
(Start: 28 @38337 has 135 MA's), (Start: 36 @38313 has 23 MA's), (Start: 40 @38286 has 29 MA's), (Start: 42 @38274 has 5 MA's), (Start: 50 @38226 has 1 MA's), (66, 38127), (72, 38076), (86, 37980), (87, 37977), (90, 37947), (94, 37929), (102, 37893), (109, 37863),

Gene: Marchesa_58 Start: 38442, Stop: 37780, Start Num: 8
Candidate Starts for Marchesa_58:
(Start: 8 @38442 has 629 MA's), (Start: 20 @38349 has 32 MA's), (Start: 32 @38295 has 2 MA's), (Start: 36 @38283 has 23 MA's), (Start: 40 @38256 has 29 MA's), (Start: 43 @38241 has 1 MA's), (Start: 51 @38193 has 4 MA's), (59, 38136), (67, 38088), (75, 38028), (79, 38004), (81, 37989), (82, 37974), (86, 37944), (94, 37893), (102, 37857), (107, 37839), (117, 37791),

Gene: Marchy_49 Start: 36246, Stop: 35725, Start Num: 28
Candidate Starts for Marchy_49:
(Start: 28 @36246 has 135 MA's), (Start: 36 @36222 has 23 MA's), (Start: 40 @36195 has 29 MA's), (Start: 42 @36183 has 5 MA's), (Start: 50 @36135 has 1 MA's), (66, 36036), (72, 35985), (86, 35889), (90, 35856), (94, 35838), (102, 35802), (109, 35772),

Gene: Marco3_58 Start: 40921, Stop: 40397, Start Num: 28
Candidate Starts for Marco3_58:

(Start: 28 @40921 has 135 MA's), (Start: 36 @40897 has 23 MA's), (Start: 40 @40870 has 29 MA's), (Start: 42 @40858 has 5 MA's), (Start: 50 @40810 has 1 MA's), (72, 40660), (86, 40564), (87, 40561), (90, 40531), (94, 40513), (102, 40477), (109, 40444), (110, 40441),

Gene: Marge_54 Start: 39202, Stop: 38705, Start Num: 36
Candidate Starts for Marge_54:
(Start: 28 @39226 has 135 MA's), (Start: 36 @39202 has 23 MA's), (Start: 40 @39175 has 29 MA's), (Start: 42 @39163 has 5 MA's), (Start: 50 @39115 has 1 MA's), (66, 39016), (72, 38965), (87, 38866), (90, 38836), (94, 38818), (102, 38782), (109, 38752),

Gene: Margo_57 Start: 38540, Stop: 37878, Start Num: 8
Candidate Starts for Margo_57:
(Start: 8 @38540 has 629 MA's), (Start: 20 @38447 has 32 MA's), (Start: 23 @38432 has 2 MA's), (Start: 32 @38393 has 2 MA's), (Start: 36 @38381 has 23 MA's), (Start: 40 @38354 has 29 MA's), (59, 38234), (67, 38186), (75, 38126), (78, 38108), (79, 38102), (81, 38087), (82, 38072), (102, 37955), (107, 37937),

Gene: Marie_61 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for Marie_61:
(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: Marius_63 Start: 38781, Stop: 38122, Start Num: 8
Candidate Starts for Marius_63:
(Start: 8 @38781 has 629 MA's), (Start: 20 @38688 has 32 MA's), (Start: 32 @38634 has 2 MA's), (Start: 36 @38622 has 23 MA's), (Start: 40 @38595 has 29 MA's), (59, 38475), (75, 38367), (78, 38349), (79, 38343), (90, 38250), (94, 38232), (102, 38196), (107, 38178), (109, 38166),

Gene: Marsha_54 Start: 39767, Stop: 39246, Start Num: 28
Candidate Starts for Marsha_54:
(Start: 19 @39824 has 39 MA's), (Start: 28 @39767 has 135 MA's), (Start: 36 @39743 has 23 MA's), (Start: 40 @39716 has 29 MA's), (Start: 42 @39704 has 5 MA's), (Start: 50 @39656 has 1 MA's), (66, 39557), (72, 39506), (86, 39410), (90, 39377), (94, 39359), (102, 39323), (109, 39293),

Gene: MaryBeth_54 Start: 39564, Stop: 39043, Start Num: 28
Candidate Starts for MaryBeth_54:
(Start: 28 @39564 has 135 MA's), (Start: 36 @39540 has 23 MA's), (Start: 40 @39513 has 29 MA's), (Start: 42 @39501 has 5 MA's), (Start: 50 @39453 has 1 MA's), (72, 39303), (86, 39207), (90, 39174), (94, 39156), (102, 39120), (109, 39090),

Gene: MarysWell_53 Start: 38784, Stop: 38122, Start Num: 8
Candidate Starts for MarysWell_53:
(Start: 8 @38784 has 629 MA's), (Start: 20 @38691 has 32 MA's), (Start: 24 @38673 has 1 MA's), (Start: 32 @38631 has 2 MA's), (Start: 36 @38619 has 23 MA's), (Start: 40 @38592 has 29 MA's), (Start: 42 @38580 has 5 MA's), (68, 38415), (79, 38349), (82, 38319), (86, 38289), (88, 38283), (90, 38256), (94, 38238), (100, 38211), (102, 38202), (107, 38184), (109, 38172), (110, 38169),

Gene: Maverick_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Maverick_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94,

37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Maxo_56 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Maxo_56:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Mayonnaise_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Mayonnaise_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Mazhar510_55 Start: 38140, Stop: 37481, Start Num: 8
Candidate Starts for Mazhar510_55:
(Start: 8 @38140 has 629 MA's), (Start: 20 @38047 has 32 MA's), (Start: 24 @38029 has 1 MA's), (Start: 32 @37993 has 2 MA's), (Start: 36 @37981 has 23 MA's), (Start: 40 @37954 has 29 MA's), (Start: 43 @37939 has 1 MA's), (59, 37834), (78, 37708), (79, 37702), (81, 37687), (82, 37672), (94, 37591), (100, 37564), (102, 37555), (117, 37489),

Gene: McFly_60 Start: 37718, Stop: 37086, Start Num: 8
Candidate Starts for McFly_60:
(Start: 8 @37718 has 629 MA's), (Start: 20 @37625 has 32 MA's), (Start: 36 @37571 has 23 MA's), (Start: 45 @37514 has 2 MA's), (59, 37436), (68, 37370), (81, 37289), (86, 37244), (90, 37211), (94, 37193), (102, 37157), (109, 37127), (110, 37124),

Gene: McGuire_56 Start: 38808, Stop: 38287, Start Num: 28
Candidate Starts for McGuire_56:
(Start: 28 @38808 has 135 MA's), (Start: 36 @38784 has 23 MA's), (Start: 40 @38757 has 29 MA's), (Start: 42 @38745 has 5 MA's), (Start: 50 @38697 has 1 MA's), (66, 38598), (72, 38547), (86, 38451), (90, 38418), (94, 38400), (102, 38364), (109, 38334),

Gene: McSinger_55 Start: 38954, Stop: 38433, Start Num: 28
Candidate Starts for McSinger_55:
(Start: 28 @38954 has 135 MA's), (Start: 36 @38930 has 23 MA's), (Start: 40 @38903 has 29 MA's), (Start: 42 @38891 has 5 MA's), (Start: 50 @38843 has 1 MA's), (66, 38744), (72, 38693), (86, 38597), (90, 38564), (94, 38546), (102, 38510), (109, 38480),

Gene: Medusa_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Medusa_55:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: MeeZee_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for MeeZee_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94,

37587), (100, 37560), (102, 37551), (117, 37485),

Gene: MegTheThird_58 Start: 38380, Stop: 38030, Start Num: 59
Candidate Starts for MegTheThird_58:
(Start: 8 @38656 has 629 MA's), (Start: 20 @38563 has 32 MA's), (Start: 36 @38515 has 23 MA's), (Start: 40 @38488 has 29 MA's), (59, 38380), (60, 38374), (68, 38314), (75, 38272), (78, 38254), (81, 38233), (86, 38188), (102, 38101),

Gene: Melvin_57 Start: 38134, Stop: 37475, Start Num: 8
Candidate Starts for Melvin_57:
(Start: 8 @38134 has 629 MA's), (Start: 20 @38041 has 32 MA's), (Start: 24 @38023 has 1 MA's), (Start: 32 @37987 has 2 MA's), (Start: 36 @37975 has 23 MA's), (Start: 40 @37948 has 29 MA's), (Start: 43 @37933 has 1 MA's), (59, 37828), (78, 37702), (79, 37696), (81, 37681), (82, 37666), (94, 37585), (100, 37558), (102, 37549), (117, 37483),

Gene: MetalQZJ_53 Start: 39564, Stop: 39043, Start Num: 28
Candidate Starts for MetalQZJ_53:
(Start: 28 @39564 has 135 MA's), (Start: 36 @39540 has 23 MA's), (Start: 40 @39513 has 29 MA's), (Start: 42 @39501 has 5 MA's), (Start: 50 @39453 has 1 MA's), (72, 39303), (86, 39207), (90, 39174), (94, 39156), (102, 39120), (109, 39090),

Gene: Methuselah_57 Start: 38922, Stop: 38263, Start Num: 8
Candidate Starts for Methuselah_57:
(Start: 8 @38922 has 629 MA's), (Start: 20 @38829 has 32 MA's), (Start: 32 @38775 has 2 MA's), (Start: 36 @38763 has 23 MA's), (Start: 40 @38736 has 29 MA's), (59, 38616), (75, 38508), (78, 38490), (79, 38484), (94, 38373), (102, 38337), (107, 38319), (109, 38307),

Gene: Micasa_54 Start: 38658, Stop: 37999, Start Num: 8
Candidate Starts for Micasa_54:
(Start: 8 @38658 has 629 MA's), (Start: 20 @38565 has 32 MA's), (Start: 24 @38547 has 1 MA's), (Start: 32 @38505 has 2 MA's), (Start: 36 @38493 has 23 MA's), (Start: 40 @38466 has 29 MA's), (Start: 42 @38454 has 5 MA's), (Start: 51 @38403 has 4 MA's), (79, 38226), (80, 38217), (82, 38196), (85, 38181), (86, 38166), (88, 38160), (90, 38133), (94, 38115), (100, 38088), (102, 38079), (107, 38061), (109, 38049), (110, 38046),

Gene: Microwolf_61 Start: 38914, Stop: 38255, Start Num: 8
Candidate Starts for Microwolf_61:
(Start: 8 @38914 has 629 MA's), (Start: 20 @38821 has 32 MA's), (Start: 32 @38767 has 2 MA's), (Start: 36 @38755 has 23 MA's), (Start: 40 @38728 has 29 MA's), (59, 38608), (75, 38500), (78, 38482), (79, 38476), (94, 38365), (102, 38329), (107, 38311), (109, 38299),

Gene: MiculUcigas_59 Start: 38657, Stop: 38025, Start Num: 8
Candidate Starts for MiculUcigas_59:
(Start: 8 @38657 has 629 MA's), (Start: 20 @38564 has 32 MA's), (Start: 36 @38510 has 23 MA's), (Start: 45 @38453 has 2 MA's), (55, 38399), (59, 38375), (60, 38369), (68, 38309), (78, 38249), (81, 38228), (86, 38183), (90, 38150), (102, 38096),

Gene: Midas2_52 Start: 38566, Stop: 37907, Start Num: 8
Candidate Starts for Midas2_52:
(Start: 8 @38566 has 629 MA's), (Start: 20 @38473 has 32 MA's), (Start: 24 @38455 has 1 MA's), (Start: 32 @38413 has 2 MA's), (Start: 36 @38401 has 23 MA's), (Start: 40 @38374 has 29 MA's), (Start: 42 @38362 has 5 MA's), (Start: 43 @38359 has 1 MA's), (68, 38200), (79, 38134), (80, 38125), (82, 38104), (85, 38089), (86, 38074), (88, 38068), (90, 38041), (94, 38023), (100, 37996), (102,

37987), (107, 37969), (109, 37957), (110, 37954),

Gene: Miko_56 Start: 39210, Stop: 38578, Start Num: 8
Candidate Starts for Miko_56:
(Start: 8 @39210 has 629 MA's), (Start: 20 @39117 has 32 MA's), (Start: 36 @39063 has 23 MA's), (Start: 40 @39036 has 29 MA's), (59, 38928), (60, 38922), (68, 38862), (81, 38781), (86, 38736), (90, 38703), (94, 38685), (102, 38649), (109, 38619),

Gene: Milcery_53 Start: 38441, Stop: 37782, Start Num: 8
Candidate Starts for Milcery_53:
(Start: 8 @38441 has 629 MA's), (Start: 20 @38348 has 32 MA's), (Start: 24 @38330 has 1 MA's), (Start: 32 @38288 has 2 MA's), (Start: 36 @38276 has 23 MA's), (Start: 40 @38249 has 29 MA's), (Start: 42 @38237 has 5 MA's), (Start: 51 @38186 has 4 MA's), (79, 38009), (80, 38000), (82, 37979), (85, 37964), (86, 37949), (88, 37943), (90, 37916), (94, 37898), (100, 37871), (102, 37862), (107, 37844), (109, 37832), (110, 37829),

Gene: MilleFeuille_54 Start: 38723, Stop: 38202, Start Num: 28
Candidate Starts for MilleFeuille_54:
(Start: 28 @38723 has 135 MA's), (Start: 36 @38699 has 23 MA's), (Start: 40 @38672 has 29 MA's), (Start: 42 @38660 has 5 MA's), (Start: 50 @38612 has 1 MA's), (72, 38462), (86, 38366), (87, 38363), (90, 38333), (94, 38315), (102, 38279), (109, 38249),

Gene: Millski_54 Start: 38140, Stop: 37481, Start Num: 8
Candidate Starts for Millski_54:
(Start: 8 @38140 has 629 MA's), (Start: 20 @38047 has 32 MA's), (Start: 24 @38029 has 1 MA's), (Start: 32 @37993 has 2 MA's), (Start: 36 @37981 has 23 MA's), (Start: 40 @37954 has 29 MA's), (Start: 43 @37939 has 1 MA's), (59, 37834), (78, 37708), (79, 37702), (81, 37687), (82, 37672), (94, 37591), (100, 37564), (102, 37555), (117, 37489),

Gene: MinecraftSteve_66 Start: 38517, Stop: 37885, Start Num: 8
Candidate Starts for MinecraftSteve_66:
(Start: 8 @38517 has 629 MA's), (Start: 12 @38499 has 45 MA's), (Start: 20 @38424 has 32 MA's), (Start: 40 @38346 has 29 MA's), (Start: 43 @38331 has 1 MA's), (Start: 45 @38316 has 2 MA's), (65, 38196), (66, 38193), (77, 38121), (81, 38091), (90, 38013), (102, 37959),

Gene: Minispark_58 Start: 38609, Stop: 37983, Start Num: 8
Candidate Starts for Minispark_58:
(Start: 8 @38609 has 629 MA's), (Start: 15 @38573 has 1 MA's), (Start: 20 @38516 has 32 MA's), (Start: 36 @38468 has 23 MA's), (Start: 40 @38441 has 29 MA's), (Start: 42 @38429 has 5 MA's), (Start: 45 @38411 has 2 MA's), (59, 38333), (68, 38267), (75, 38225), (78, 38207), (81, 38186), (86, 38141), (90, 38108), (102, 38054),

Gene: Miramae_53 Start: 37553, Stop: 36894, Start Num: 8
Candidate Starts for Miramae_53:
(Start: 8 @37553 has 629 MA's), (Start: 20 @37460 has 32 MA's), (Start: 24 @37442 has 1 MA's), (Start: 32 @37406 has 2 MA's), (Start: 36 @37394 has 23 MA's), (Start: 40 @37367 has 29 MA's), (Start: 43 @37352 has 1 MA's), (59, 37247), (78, 37121), (81, 37100), (82, 37085), (94, 37004), (100, 36977), (102, 36968), (117, 36902),

Gene: Misomonster_63 Start: 38925, Stop: 38266, Start Num: 8
Candidate Starts for Misomonster_63:
(Start: 8 @38925 has 629 MA's), (Start: 20 @38832 has 32 MA's), (Start: 32 @38778 has 2 MA's), (Start: 36 @38766 has 23 MA's), (Start: 40 @38739 has 29 MA's), (59, 38619), (75, 38511), (78,

38493), (79, 38487), (94, 38376), (102, 38340), (107, 38322), (109, 38310),

Gene: MissWhite_58 Start: 37557, Stop: 36925, Start Num: 8
Candidate Starts for MissWhite_58:
(Start: 8 @37557 has 629 MA's), (Start: 20 @37464 has 32 MA's), (Start: 36 @37410 has 23 MA's), (Start: 40 @37383 has 29 MA's), (Start: 45 @37353 has 2 MA's), (59, 37275), (62, 37248), (68, 37209), (78, 37149), (81, 37128), (86, 37083), (90, 37050), (102, 36996),

Gene: Mkhuseli_53 Start: 37909, Stop: 37331, Start Num: 19
Candidate Starts for Mkhuseli_53:
(Start: 19 @37909 has 39 MA's), (Start: 28 @37852 has 135 MA's), (Start: 36 @37828 has 23 MA's), (Start: 40 @37801 has 29 MA's), (Start: 42 @37789 has 5 MA's), (Start: 50 @37741 has 1 MA's), (66, 37642), (72, 37591), (86, 37495), (87, 37492), (90, 37462), (94, 37444), (102, 37408), (109, 37378),

Gene: Molly_56 Start: 38286, Stop: 37708, Start Num: 19
Candidate Starts for Molly_56:
(Start: 19 @38286 has 39 MA's), (Start: 28 @38229 has 135 MA's), (Start: 36 @38205 has 23 MA's), (Start: 40 @38178 has 29 MA's), (Start: 42 @38166 has 5 MA's), (Start: 50 @38118 has 1 MA's), (72, 37968), (86, 37872), (87, 37869), (90, 37839), (94, 37821), (102, 37785), (109, 37755),

Gene: Monet_57 Start: 39984, Stop: 39463, Start Num: 28
Candidate Starts for Monet_57:
(Start: 28 @39984 has 135 MA's), (Start: 36 @39960 has 23 MA's), (Start: 40 @39933 has 29 MA's), (Start: 42 @39921 has 5 MA's), (Start: 50 @39873 has 1 MA's), (66, 39774), (72, 39723), (86, 39627), (90, 39594), (94, 39576), (102, 39540), (109, 39510),

Gene: MoneyMay_62 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for MoneyMay_62:
(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: Montavir_61 Start: 38899, Stop: 38240, Start Num: 8
Candidate Starts for Montavir_61:
(Start: 8 @38899 has 629 MA's), (Start: 20 @38806 has 32 MA's), (Start: 32 @38752 has 2 MA's), (Start: 36 @38740 has 23 MA's), (Start: 40 @38713 has 29 MA's), (59, 38593), (75, 38485), (78, 38467), (79, 38461), (94, 38350), (102, 38314), (107, 38296), (109, 38284),

Gene: Moose_54 Start: 38503, Stop: 37982, Start Num: 28
Candidate Starts for Moose_54:
(Start: 28 @38503 has 135 MA's), (Start: 36 @38479 has 23 MA's), (Start: 40 @38452 has 29 MA's), (Start: 42 @38440 has 5 MA's), (Start: 50 @38392 has 1 MA's), (66, 38293), (72, 38242), (86, 38146), (90, 38113), (94, 38095), (102, 38059), (109, 38029),

Gene: Morpher26_54 Start: 38113, Stop: 37454, Start Num: 8
Candidate Starts for Morpher26_54:
(Start: 8 @38113 has 629 MA's), (Start: 20 @38020 has 32 MA's), (Start: 24 @38002 has 1 MA's), (Start: 32 @37966 has 2 MA's), (Start: 36 @37954 has 23 MA's), (Start: 40 @37927 has 29 MA's), (Start: 43 @37912 has 1 MA's), (59, 37807), (78, 37681), (81, 37660), (82, 37645), (94, 37564), (102, 37528), (117, 37462),

Gene: Morrow_56 Start: 38145, Stop: 37486, Start Num: 8
Candidate Starts for Morrow_56:

(Start: 8 @38145 has 629 MA's), (Start: 20 @38052 has 32 MA's), (Start: 24 @38034 has 1 MA's), (Start: 32 @37998 has 2 MA's), (Start: 36 @37986 has 23 MA's), (Start: 40 @37959 has 29 MA's), (Start: 43 @37944 has 1 MA's), (59, 37839), (78, 37713), (79, 37707), (81, 37692), (82, 37677), (94, 37596), (100, 37569), (102, 37560), (117, 37494),

Gene: Moyashi_30 Start: 21139, Stop: 20468, Start Num: 12
Candidate Starts for Moyashi_30:
(Start: 12 @21139 has 45 MA's), (Start: 45 @20926 has 2 MA's), (Start: 51 @20887 has 4 MA's), (63, 20794), (66, 20785), (68, 20764), (72, 20734), (92, 20599), (100, 20557), (112, 20500), (116, 20479),

Gene: MrAK_30 Start: 21144, Stop: 20473, Start Num: 12
Candidate Starts for MrAK_30:
(Start: 12 @21144 has 45 MA's), (Start: 45 @20931 has 2 MA's), (Start: 51 @20892 has 4 MA's), (63, 20799), (66, 20790), (68, 20769), (72, 20739), (92, 20604), (100, 20562), (112, 20505), (116, 20484),

Gene: MrGordo_54 Start: 39144, Stop: 38497, Start Num: 11
Candidate Starts for MrGordo_54:
(Start: 11 @39144 has 29 MA's), (Start: 28 @39021 has 135 MA's), (Start: 40 @38970 has 29 MA's), (Start: 42 @38958 has 5 MA's), (57, 38877), (62, 38829), (67, 38808), (68, 38790), (78, 38730), (86, 38664), (90, 38631), (94, 38613), (102, 38577), (109, 38544), (110, 38541),

Gene: Mryolo_52 Start: 39030, Stop: 38509, Start Num: 28
Candidate Starts for Mryolo_52:
(Start: 28 @39030 has 135 MA's), (Start: 36 @39006 has 23 MA's), (Start: 40 @38979 has 29 MA's), (Start: 42 @38967 has 5 MA's), (Start: 50 @38919 has 1 MA's), (66, 38820), (72, 38769), (86, 38673), (87, 38670), (90, 38640), (94, 38622), (102, 38586), (109, 38556),

Gene: MuchMore_65 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for MuchMore_65:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: Mulciber_59 Start: 38197, Stop: 37550, Start Num: 8
Candidate Starts for Mulciber_59:
(Start: 8 @38197 has 629 MA's), (18, 38131), (Start: 20 @38104 has 32 MA's), (Start: 36 @38050 has 23 MA's), (Start: 40 @38023 has 29 MA's), (Start: 45 @37993 has 2 MA's), (60, 37897), (68, 37837), (79, 37771), (81, 37756), (86, 37711), (89, 37702), (90, 37678), (102, 37624), (110, 37591),

Gene: Mule_52 Start: 37269, Stop: 36745, Start Num: 28
Candidate Starts for Mule_52:
(Start: 28 @37269 has 135 MA's), (Start: 36 @37245 has 23 MA's), (Start: 40 @37218 has 29 MA's), (Start: 42 @37206 has 5 MA's), (Start: 50 @37158 has 1 MA's), (66, 37059), (72, 37008), (86, 36912), (90, 36879), (94, 36861), (102, 36825), (109, 36792), (110, 36789),

Gene: Munch_60 Start: 38660, Stop: 38013, Start Num: 8
Candidate Starts for Munch_60:
(Start: 8 @38660 has 629 MA's), (Start: 20 @38567 has 32 MA's), (Start: 36 @38513 has 23 MA's), (Start: 40 @38486 has 29 MA's), (Start: 45 @38456 has 2 MA's), (60, 38360), (68, 38300), (79, 38234), (81, 38219), (86, 38174), (89, 38165), (90, 38141), (102, 38087), (110, 38054),

Gene: Mundrea_54 Start: 38105, Stop: 37446, Start Num: 8
Candidate Starts for Mundrea_54:

(Start: 8 @38105 has 629 MA's), (Start: 20 @38012 has 32 MA's), (Start: 24 @37994 has 1 MA's), (Start: 32 @37958 has 2 MA's), (Start: 36 @37946 has 23 MA's), (Start: 40 @37919 has 29 MA's), (Start: 43 @37904 has 1 MA's), (59, 37799), (78, 37673), (81, 37652), (82, 37637), (94, 37556), (100, 37529), (102, 37520), (117, 37454),

Gene: Museum_56 Start: 39379, Stop: 38858, Start Num: 28
Candidate Starts for Museum_56:
(Start: 11 @39502 has 29 MA's), (Start: 28 @39379 has 135 MA's), (Start: 40 @39328 has 29 MA's), (Start: 42 @39316 has 5 MA's), (57, 39235), (62, 39187), (67, 39166), (68, 39148), (78, 39088), (86, 39022), (90, 38989), (94, 38971), (102, 38935), (109, 38905), (110, 38902),

Gene: MyraDee_53 Start: 35516, Stop: 34857, Start Num: 8
Candidate Starts for MyraDee_53:
(Start: 8 @35516 has 629 MA's), (18, 35450), (Start: 20 @35423 has 32 MA's), (Start: 28 @35381 has 135 MA's), (Start: 36 @35357 has 23 MA's), (Start: 40 @35330 has 29 MA's), (Start: 51 @35267 has 4 MA's), (59, 35210), (72, 35114), (78, 35084), (90, 34985), (98, 34955), (107, 34913), (115, 34874),

Gene: Myxus_59 Start: 38686, Stop: 38225, Start Num: 40
Candidate Starts for Myxus_59:
(Start: 8 @38854 has 629 MA's), (Start: 20 @38761 has 32 MA's), (Start: 25 @38737 has 5 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (Start: 43 @38671 has 1 MA's), (59, 38575), (60, 38569), (66, 38530), (68, 38509), (79, 38443), (86, 38383), (90, 38350), (102, 38296),

Gene: NEHalo_53 Start: 39290, Stop: 38643, Start Num: 11
Candidate Starts for NEHalo_53:
(Start: 11 @39290 has 29 MA's), (Start: 28 @39167 has 135 MA's), (Start: 40 @39116 has 29 MA's), (Start: 42 @39104 has 5 MA's), (Start: 50 @39056 has 1 MA's), (72, 38906), (86, 38810), (90, 38777), (94, 38759), (102, 38723), (109, 38690), (110, 38687),

Gene: NaSiaTalie_59 Start: 38751, Stop: 38119, Start Num: 8
Candidate Starts for NaSiaTalie_59:
(Start: 8 @38751 has 629 MA's), (Start: 20 @38658 has 32 MA's), (Start: 36 @38604 has 23 MA's), (Start: 45 @38547 has 2 MA's), (55, 38493), (59, 38469), (60, 38463), (68, 38403), (78, 38343), (81, 38322), (86, 38277), (90, 38244), (102, 38190),

Gene: Nabi_40 Start: 28695, Stop: 29360, Start Num: 6
Candidate Starts for Nabi_40:
(Start: 6 @28695 has 40 MA's), (Start: 8 @28710 has 629 MA's), (Start: 10 @28713 has 1 MA's), (Start: 36 @28854 has 23 MA's), (Start: 51 @28938 has 4 MA's), (59, 28995), (60, 29001), (62, 29022), (72, 29091), (73, 29094), (75, 29103), (77, 29112), (78, 29121), (83, 29166), (86, 29187), (101, 29268), (106, 29289), (115, 29337),

Gene: Naca_54 Start: 38823, Stop: 38254, Start Num: 20
Candidate Starts for Naca_54:
(Start: 8 @38916 has 629 MA's), (Start: 20 @38823 has 32 MA's), (Start: 24 @38805 has 1 MA's), (Start: 32 @38763 has 2 MA's), (Start: 36 @38751 has 23 MA's), (Start: 40 @38724 has 29 MA's), (Start: 42 @38712 has 5 MA's), (Start: 43 @38709 has 1 MA's), (68, 38547), (79, 38481), (80, 38472), (82, 38451), (86, 38421), (88, 38415), (90, 38388), (94, 38370), (100, 38343), (102, 38334), (107, 38316), (109, 38304), (110, 38301),

Gene: Naiad_47 Start: 35293, Stop: 34634, Start Num: 8
Candidate Starts for Naiad_47:

(Start: 8 @35293 has 629 MA's), (Start: 25 @35170 has 5 MA's), (Start: 36 @35134 has 23 MA's), (Start: 40 @35107 has 29 MA's), (Start: 45 @35077 has 2 MA's), (Start: 50 @35047 has 1 MA's), (Start: 51 @35044 has 4 MA's), (52, 35038), (59, 34987), (66, 34942), (68, 34921), (78, 34861), (79, 34855), (107, 34690), (110, 34675),

Gene: Naira_57 Start: 40980, Stop: 40402, Start Num: 19
Candidate Starts for Naira_57:
(Start: 19 @40980 has 39 MA's), (Start: 28 @40923 has 135 MA's), (Start: 36 @40899 has 23 MA's), (38, 40887), (Start: 40 @40872 has 29 MA's), (Start: 42 @40860 has 5 MA's), (Start: 50 @40812 has 1 MA's), (66, 40713), (72, 40662), (86, 40566), (90, 40533), (94, 40515), (102, 40479), (109, 40449),

Gene: Naji_61 Start: 38901, Stop: 38269, Start Num: 8
Candidate Starts for Naji_61:
(Start: 8 @38901 has 629 MA's), (Start: 20 @38808 has 32 MA's), (Start: 36 @38754 has 23 MA's), (Start: 40 @38727 has 29 MA's), (Start: 45 @38697 has 2 MA's), (59, 38619), (60, 38613), (68, 38553), (81, 38472), (86, 38427), (90, 38394), (94, 38376), (102, 38340),

Gene: Nancinator_48 Start: 35222, Stop: 34563, Start Num: 8
Candidate Starts for Nancinator_48:
(Start: 8 @35222 has 629 MA's), (Start: 25 @35099 has 5 MA's), (Start: 36 @35063 has 23 MA's), (Start: 40 @35036 has 29 MA's), (Start: 45 @35006 has 2 MA's), (Start: 50 @34976 has 1 MA's), (Start: 51 @34973 has 4 MA's), (52, 34967), (59, 34916), (66, 34871), (68, 34850), (79, 34784), (107, 34619), (110, 34604),

Gene: Nanodon_41 Start: 28466, Stop: 29131, Start Num: 6
Candidate Starts for Nanodon_41:
(Start: 6 @28466 has 40 MA's), (Start: 8 @28481 has 629 MA's), (Start: 10 @28484 has 1 MA's), (Start: 51 @28709 has 4 MA's), (59, 28766), (60, 28772), (62, 28793), (63, 28802), (70, 28838), (72, 28862), (75, 28874), (77, 28883), (78, 28892), (83, 28937), (86, 28958), (101, 29039), (106, 29060), (115, 29108),

Gene: Natosaleda_47 Start: 35221, Stop: 34562, Start Num: 8
Candidate Starts for Natosaleda_47:
(Start: 8 @35221 has 629 MA's), (Start: 25 @35098 has 5 MA's), (Start: 36 @35062 has 23 MA's), (Start: 40 @35035 has 29 MA's), (Start: 45 @35005 has 2 MA's), (Start: 50 @34975 has 1 MA's), (Start: 51 @34972 has 4 MA's), (52, 34966), (59, 34915), (66, 34870), (68, 34849), (79, 34783), (107, 34618), (110, 34603),

Gene: NearlyHeadless_59 Start: 37980, Stop: 37327, Start Num: 8
Candidate Starts for NearlyHeadless_59:
(Start: 8 @37980 has 629 MA's), (Start: 20 @37887 has 32 MA's), (Start: 32 @37827 has 2 MA's), (Start: 36 @37815 has 23 MA's), (Start: 40 @37788 has 29 MA's), (49, 37731), (59, 37680), (60, 37674), (81, 37533), (82, 37518), (86, 37488), (90, 37455), (107, 37383), (108, 37374), (110, 37368), (115, 37344),

Gene: Nebs_56 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Nebs_56:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Nebulosus_64 Start: 38277, Stop: 37645, Start Num: 8

Candidate Starts for Nebulosus_64:
(Start: 8 @38277 has 629 MA's), (Start: 12 @38259 has 45 MA's), (Start: 20 @38184 has 32 MA's), (Start: 40 @38106 has 29 MA's), (Start: 43 @38091 has 1 MA's), (Start: 45 @38076 has 2 MA's), (65, 37956), (66, 37953), (77, 37881), (81, 37851), (90, 37773), (102, 37719),

Gene: Nedarya_62 Start: 38254, Stop: 37628, Start Num: 9
Candidate Starts for Nedarya_62:
(Start: 9 @38254 has 3 MA's), (Start: 20 @38164 has 32 MA's), (Start: 36 @38116 has 23 MA's), (Start: 40 @38089 has 29 MA's), (Start: 43 @38074 has 1 MA's), (Start: 45 @38059 has 2 MA's), (60, 37975), (66, 37936), (81, 37834), (90, 37756), (94, 37738), (102, 37702),

Gene: Neeharika16_59 Start: 37178, Stop: 36546, Start Num: 8
Candidate Starts for Neeharika16_59:
(Start: 8 @37178 has 629 MA's), (Start: 20 @37085 has 32 MA's), (Start: 36 @37031 has 23 MA's), (Start: 45 @36974 has 2 MA's), (59, 36896), (68, 36830), (81, 36749), (86, 36704), (90, 36671), (94, 36653), (102, 36617), (109, 36587), (110, 36584),

Gene: Nemo27_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Nemo27_55:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: Nerdos_38 Start: 27974, Stop: 28480, Start Num: 36
Candidate Starts for Nerdos_38:
(Start: 6 @27815 has 40 MA's), (Start: 8 @27830 has 629 MA's), (Start: 10 @27833 has 1 MA's), (Start: 36 @27974 has 23 MA's), (Start: 51 @28058 has 4 MA's), (59, 28115), (60, 28121), (62, 28142), (63, 28151), (70, 28187), (72, 28211), (75, 28223), (77, 28232), (78, 28241), (83, 28286), (101, 28388), (106, 28409), (115, 28457),

Gene: Nerujay_57 Start: 39805, Stop: 39284, Start Num: 28
Candidate Starts for Nerujay_57:
(Start: 28 @39805 has 135 MA's), (Start: 36 @39781 has 23 MA's), (Start: 40 @39754 has 29 MA's), (Start: 42 @39742 has 5 MA's), (Start: 50 @39694 has 1 MA's), (66, 39595), (72, 39544), (86, 39448), (90, 39415), (94, 39397), (102, 39361), (109, 39331),

Gene: Newrala_60 Start: 37720, Stop: 37088, Start Num: 8
Candidate Starts for Newrala_60:
(Start: 8 @37720 has 629 MA's), (Start: 20 @37627 has 32 MA's), (Start: 36 @37573 has 23 MA's), (Start: 45 @37516 has 2 MA's), (59, 37438), (68, 37372), (81, 37291), (86, 37246), (90, 37213), (94, 37195), (102, 37159), (109, 37129), (110, 37126),

Gene: Nhonho_54 Start: 40151, Stop: 39630, Start Num: 28
Candidate Starts for Nhonho_54:
(Start: 28 @40151 has 135 MA's), (Start: 36 @40127 has 23 MA's), (Start: 40 @40100 has 29 MA's), (Start: 42 @40088 has 5 MA's), (Start: 50 @40040 has 1 MA's), (72, 39890), (86, 39794), (90, 39761), (94, 39743), (102, 39707), (109, 39677),

Gene: NicoleTera_57 Start: 38899, Stop: 38414, Start Num: 36
Candidate Starts for NicoleTera_57:
(Start: 20 @38953 has 32 MA's), (Start: 36 @38899 has 23 MA's), (Start: 40 @38872 has 29 MA's), (Start: 45 @38842 has 2 MA's), (59, 38764), (60, 38758), (68, 38698), (79, 38632), (86, 38572), (90,

38539), (94, 38521), (102, 38485), (109, 38455),

Gene: Nishikigoi_41 Start: 29074, Stop: 29736, Start Num: 5
Candidate Starts for Nishikigoi_41:
(3, 28807), (Start: 5 @29074 has 33 MA's), (14, 29122), (21, 29185), (Start: 42 @29275 has 5 MA's), (Start: 51 @29320 has 4 MA's), (62, 29404), (81, 29524), (83, 29548), (86, 29569), (101, 29650), (106, 29668), (108, 29683), (115, 29716),

Gene: Niza_57 Start: 40756, Stop: 40286, Start Num: 40
Candidate Starts for Niza_57:
(Start: 11 @40930 has 29 MA's), (Start: 28 @40807 has 135 MA's), (Start: 40 @40756 has 29 MA's), (Start: 42 @40744 has 5 MA's), (57, 40663), (62, 40615), (67, 40594), (68, 40576), (78, 40516), (86, 40450), (90, 40417), (94, 40399), (102, 40363), (109, 40333),

Gene: Noella_57 Start: 38515, Stop: 37853, Start Num: 8
Candidate Starts for Noella_57:
(Start: 8 @38515 has 629 MA's), (Start: 20 @38422 has 32 MA's), (Start: 23 @38407 has 2 MA's), (Start: 32 @38368 has 2 MA's), (Start: 36 @38356 has 23 MA's), (Start: 40 @38329 has 29 MA's), (59, 38209), (67, 38161), (75, 38101), (78, 38083), (79, 38077), (81, 38062), (82, 38047), (102, 37930), (107, 37912),

Gene: Noelle_55 Start: 38414, Stop: 37755, Start Num: 8
Candidate Starts for Noelle_55:
(Start: 8 @38414 has 629 MA's), (Start: 20 @38321 has 32 MA's), (Start: 24 @38303 has 1 MA's), (Start: 32 @38267 has 2 MA's), (Start: 36 @38255 has 23 MA's), (Start: 40 @38228 has 29 MA's), (Start: 43 @38213 has 1 MA's), (59, 38108), (78, 37982), (79, 37976), (81, 37961), (82, 37946), (94, 37865), (100, 37838), (102, 37829), (117, 37763),

Gene: Norbert_56 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for Norbert_56:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: NorthStar_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for NorthStar_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Northrop_55 Start: 38024, Stop: 37476, Start Num: 24
Candidate Starts for Northrop_55:
(Start: 8 @38135 has 629 MA's), (Start: 20 @38042 has 32 MA's), (Start: 24 @38024 has 1 MA's), (Start: 32 @37988 has 2 MA's), (Start: 36 @37976 has 23 MA's), (Start: 40 @37949 has 29 MA's), (Start: 43 @37934 has 1 MA's), (59, 37829), (78, 37703), (79, 37697), (81, 37682), (82, 37667), (94, 37586), (100, 37559), (102, 37550), (117, 37484),

Gene: Norz_56 Start: 40533, Stop: 39952, Start Num: 19
Candidate Starts for Norz_56:
(Start: 19 @40533 has 39 MA's), (Start: 28 @40476 has 135 MA's), (Start: 36 @40452 has 23 MA's), (Start: 40 @40425 has 29 MA's), (Start: 42 @40413 has 5 MA's), (Start: 50 @40365 has 1 MA's), (72,

40215), (86, 40119), (90, 40086), (94, 40068), (102, 40032), (109, 39999), (110, 39996),

Gene: NotAPhaseMom_55 Start: 38143, Stop: 37484, Start Num: 8
Candidate Starts for NotAPhaseMom_55:
(Start: 8 @38143 has 629 MA's), (Start: 20 @38050 has 32 MA's), (Start: 24 @38032 has 1 MA's), (Start: 32 @37996 has 2 MA's), (Start: 36 @37984 has 23 MA's), (Start: 40 @37957 has 29 MA's), (Start: 43 @37942 has 1 MA's), (59, 37837), (78, 37711), (79, 37705), (81, 37690), (82, 37675), (94, 37594), (100, 37567), (102, 37558), (117, 37492),

Gene: NothingSpecial_57 Start: 39439, Stop: 38807, Start Num: 8
Candidate Starts for NothingSpecial_57:
(Start: 8 @39439 has 629 MA's), (Start: 20 @39346 has 32 MA's), (Start: 36 @39292 has 23 MA's), (Start: 40 @39265 has 29 MA's), (Start: 45 @39235 has 2 MA's), (59, 39157), (60, 39151), (68, 39091), (78, 39031), (81, 39010), (102, 38878), (109, 38848),

Gene: Noxious_55 Start: 39523, Stop: 39002, Start Num: 28
Candidate Starts for Noxious_55:
(Start: 28 @39523 has 135 MA's), (Start: 36 @39499 has 23 MA's), (Start: 40 @39472 has 29 MA's), (Start: 42 @39460 has 5 MA's), (Start: 50 @39412 has 1 MA's), (66, 39313), (72, 39262), (86, 39166), (90, 39133), (94, 39115), (102, 39079), (109, 39049),

Gene: Nyxis_55 Start: 38029, Stop: 37370, Start Num: 8
Candidate Starts for Nyxis_55:
(Start: 8 @38029 has 629 MA's), (Start: 20 @37936 has 32 MA's), (Start: 24 @37918 has 1 MA's), (Start: 32 @37882 has 2 MA's), (Start: 36 @37870 has 23 MA's), (Start: 40 @37843 has 29 MA's), (Start: 43 @37828 has 1 MA's), (59, 37723), (78, 37597), (79, 37591), (81, 37576), (82, 37561), (94, 37480), (100, 37453), (102, 37444), (117, 37378),

Gene: OKCentral2016_55 Start: 37747, Stop: 37088, Start Num: 8
Candidate Starts for OKCentral2016_55:
(Start: 8 @37747 has 629 MA's), (Start: 20 @37654 has 32 MA's), (Start: 36 @37588 has 23 MA's), (Start: 40 @37561 has 29 MA's), (Start: 51 @37498 has 4 MA's), (59, 37441), (67, 37393), (75, 37333), (78, 37315), (79, 37309), (81, 37294), (82, 37279), (100, 37171), (102, 37162), (107, 37144), (109, 37132), (117, 37096),

Gene: OKaNui_55 Start: 38189, Stop: 37530, Start Num: 8
Candidate Starts for OKaNui_55:
(Start: 8 @38189 has 629 MA's), (Start: 20 @38096 has 32 MA's), (Start: 24 @38078 has 1 MA's), (Start: 32 @38042 has 2 MA's), (Start: 36 @38030 has 23 MA's), (Start: 40 @38003 has 29 MA's), (Start: 43 @37988 has 1 MA's), (59, 37883), (78, 37757), (79, 37751), (81, 37736), (82, 37721), (94, 37640), (100, 37613), (102, 37604), (117, 37538),

Gene: Obama12_56 Start: 38526, Stop: 37867, Start Num: 8
Candidate Starts for Obama12_56:
(Start: 8 @38526 has 629 MA's), (Start: 20 @38433 has 32 MA's), (Start: 32 @38379 has 2 MA's), (Start: 36 @38367 has 23 MA's), (Start: 40 @38340 has 29 MA's), (Start: 43 @38325 has 1 MA's), (59, 38220), (78, 38094), (81, 38073), (82, 38058), (94, 37977), (100, 37950), (102, 37941), (117, 37875),

Gene: Odin_57 Start: 37960, Stop: 37328, Start Num: 8
Candidate Starts for Odin_57:
(Start: 8 @37960 has 629 MA's), (Start: 20 @37867 has 32 MA's), (Start: 36 @37813 has 23 MA's), (Start: 40 @37786 has 29 MA's), (Start: 45 @37756 has 2 MA's), (59, 37678), (80, 37537), (81, 37531), (82, 37516), (86, 37486), (89, 37477), (90, 37453), (94, 37435), (102, 37399),

Gene: Ohfah_56 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Ohfah_56:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Ohno789_56 Start: 39868, Stop: 39224, Start Num: 11
Candidate Starts for Ohno789_56:
(Start: 11 @39868 has 29 MA's), (Start: 28 @39745 has 135 MA's), (Start: 40 @39694 has 29 MA's), (Start: 42 @39682 has 5 MA's), (62, 39553), (67, 39532), (68, 39514), (86, 39388), (90, 39355), (94, 39337), (102, 39301), (109, 39271),

Gene: OlanP_61 Start: 38957, Stop: 38298, Start Num: 8
Candidate Starts for OlanP_61:
(Start: 8 @38957 has 629 MA's), (Start: 20 @38864 has 32 MA's), (Start: 32 @38810 has 2 MA's), (Start: 36 @38798 has 23 MA's), (Start: 40 @38771 has 29 MA's), (59, 38651), (75, 38543), (78, 38525), (79, 38519), (90, 38426), (94, 38408), (102, 38372), (107, 38354), (109, 38342),

Gene: Olicious_58 Start: 30975, Stop: 30343, Start Num: 8
Candidate Starts for Olicious_58:
(Start: 8 @30975 has 629 MA's), (Start: 12 @30957 has 45 MA's), (14, 30945), (21, 30885), (Start: 45 @30777 has 2 MA's), (46, 30759), (48, 30753), (79, 30564), (86, 30504),

Gene: Oliynyk_40 Start: 28177, Stop: 28842, Start Num: 6
Candidate Starts for Oliynyk_40:
(Start: 6 @28177 has 40 MA's), (Start: 8 @28192 has 629 MA's), (Start: 10 @28195 has 1 MA's), (Start: 36 @28336 has 23 MA's), (Start: 51 @28420 has 4 MA's), (59, 28477), (60, 28483), (62, 28504), (63, 28513), (70, 28549), (72, 28573), (75, 28585), (76, 28588), (77, 28594), (78, 28603), (83, 28648), (86, 28669), (101, 28750), (106, 28771), (115, 28819),

Gene: Ollie_62 Start: 38769, Stop: 38110, Start Num: 8
Candidate Starts for Ollie_62:
(Start: 8 @38769 has 629 MA's), (Start: 20 @38676 has 32 MA's), (Start: 32 @38622 has 2 MA's), (Start: 36 @38610 has 23 MA's), (Start: 40 @38583 has 29 MA's), (59, 38463), (75, 38355), (78, 38337), (79, 38331), (94, 38220), (102, 38184), (107, 38166), (109, 38154),

Gene: Omar_42 Start: 29302, Stop: 29964, Start Num: 5
Candidate Starts for Omar_42:
(2, 28975), (3, 29032), (Start: 5 @29302 has 33 MA's), (14, 29350), (21, 29413), (Start: 42 @29503 has 5 MA's), (62, 29632), (81, 29752), (83, 29776), (86, 29797), (101, 29878), (108, 29911),

Gene: Onglai_58 Start: 37195, Stop: 36566, Start Num: 8
Candidate Starts for Onglai_58:
(Start: 8 @37195 has 629 MA's), (Start: 20 @37102 has 32 MA's), (Start: 25 @37078 has 5 MA's), (Start: 36 @37054 has 23 MA's), (Start: 40 @37027 has 29 MA's), (Start: 43 @37012 has 1 MA's), (59, 36916), (60, 36910), (66, 36871), (68, 36850), (79, 36784), (86, 36724), (90, 36691), (102, 36637), (109, 36607),

Gene: Oofda_67 Start: 38387, Stop: 37848, Start Num: 20
Candidate Starts for Oofda_67:

(Start: 8 @38480 has 629 MA's), (Start: 12 @38462 has 45 MA's), (Start: 20 @38387 has 32 MA's), (Start: 40 @38309 has 29 MA's), (Start: 43 @38294 has 1 MA's), (Start: 45 @38279 has 2 MA's), (65, 38159), (66, 38156), (77, 38084), (79, 38069), (81, 38054), (90, 37976), (102, 37922),

Gene: Oogway_54 Start: 39161, Stop: 38640, Start Num: 28
Candidate Starts for Oogway_54:
(Start: 28 @39161 has 135 MA's), (Start: 36 @39137 has 23 MA's), (Start: 40 @39110 has 29 MA's), (Start: 42 @39098 has 5 MA's), (Start: 50 @39050 has 1 MA's), (66, 38951), (72, 38900), (86, 38804), (87, 38801), (90, 38771), (94, 38753), (95, 38750), (102, 38717), (109, 38687), (110, 38684),

Gene: Orange_59 Start: 38209, Stop: 37562, Start Num: 8
Candidate Starts for Orange_59:
(Start: 8 @38209 has 629 MA's), (Start: 20 @38116 has 32 MA's), (Start: 36 @38062 has 23 MA's), (Start: 40 @38035 has 29 MA's), (Start: 45 @38005 has 2 MA's), (60, 37909), (68, 37849), (79, 37783), (81, 37768), (86, 37723), (89, 37714), (90, 37690), (102, 37636), (110, 37603),

Gene: Ouroboros_30 Start: 21354, Stop: 20683, Start Num: 12
Candidate Starts for Ouroboros_30:
(Start: 12 @21354 has 45 MA's), (Start: 45 @21141 has 2 MA's), (Start: 51 @21102 has 4 MA's), (63, 21009), (66, 21000), (68, 20979), (72, 20949), (92, 20814), (100, 20772), (112, 20715), (116, 20694),

Gene: Ozzie_39 Start: 27815, Stop: 28465, Start Num: 8
Candidate Starts for Ozzie_39:
(Start: 6 @27800 has 40 MA's), (Start: 8 @27815 has 629 MA's), (Start: 10 @27818 has 1 MA's), (Start: 36 @27959 has 23 MA's), (Start: 51 @28043 has 4 MA's), (59, 28100), (60, 28106), (62, 28127), (63, 28136), (70, 28172), (72, 28196), (75, 28208), (77, 28217), (78, 28226), (83, 28271), (101, 28373), (106, 28394), (115, 28442),

Gene: OzzyJ_40 Start: 28180, Stop: 28845, Start Num: 6
Candidate Starts for OzzyJ_40:
(Start: 6 @28180 has 40 MA's), (Start: 8 @28195 has 629 MA's), (Start: 10 @28198 has 1 MA's), (Start: 36 @28339 has 23 MA's), (Start: 51 @28423 has 4 MA's), (59, 28480), (60, 28486), (62, 28507), (70, 28552), (72, 28576), (75, 28588), (77, 28597), (78, 28606), (83, 28651), (86, 28672), (101, 28753), (106, 28774), (115, 28822),

Gene: P1.1_30 Start: 21372, Stop: 20701, Start Num: 12
Candidate Starts for P1.1_30:
(Start: 12 @21372 has 45 MA's), (Start: 45 @21159 has 2 MA's), (Start: 51 @21120 has 4 MA's), (59, 21063), (63, 21027), (66, 21018), (68, 20997), (72, 20967), (92, 20832), (100, 20790), (112, 20733), (116, 20712),

Gene: P100.1_30 Start: 21409, Stop: 20738, Start Num: 12
Candidate Starts for P100.1_30:
(Start: 12 @21409 has 45 MA's), (Start: 45 @21196 has 2 MA's), (Start: 51 @21157 has 4 MA's), (59, 21100), (63, 21064), (66, 21055), (68, 21034), (72, 21004), (92, 20869), (100, 20827), (112, 20770), (116, 20749),

Gene: P100A_30 Start: 21359, Stop: 20688, Start Num: 12
Candidate Starts for P100A_30:
(Start: 12 @21359 has 45 MA's), (Start: 45 @21146 has 2 MA's), (59, 21050), (63, 21014), (66, 21005), (68, 20984), (72, 20954), (92, 20819), (100, 20777), (105, 20756), (112, 20720), (116, 20699),

Gene: P100D_30 Start: 21352, Stop: 20681, Start Num: 12

Candidate Starts for P100D_30:
(Start: 12 @21352 has 45 MA's), (Start: 45 @21139 has 2 MA's), (Start: 51 @21100 has 4 MA's), (63, 21007), (66, 20998), (68, 20977), (72, 20947), (92, 20812), (100, 20770), (112, 20713), (116, 20692),

Gene: P101A_30 Start: 21378, Stop: 20707, Start Num: 12
Candidate Starts for P101A_30:
(Start: 12 @21378 has 45 MA's), (Start: 45 @21165 has 2 MA's), (Start: 51 @21126 has 4 MA's), (59, 21069), (63, 21033), (66, 21024), (68, 21003), (72, 20973), (92, 20838), (100, 20796), (112, 20739), (116, 20718),

Gene: P104A_30 Start: 21147, Stop: 20476, Start Num: 12
Candidate Starts for P104A_30:
(Start: 12 @21147 has 45 MA's), (Start: 45 @20934 has 2 MA's), (Start: 51 @20895 has 4 MA's), (59, 20838), (63, 20802), (66, 20793), (68, 20772), (72, 20742), (92, 20607), (100, 20565), (112, 20508), (116, 20487),

Gene: P104B_30 Start: 21342, Stop: 20671, Start Num: 12
Candidate Starts for P104B_30:
(Start: 12 @21342 has 45 MA's), (Start: 45 @21129 has 2 MA's), (Start: 51 @21090 has 4 MA's), (59, 21033), (63, 20997), (66, 20988), (68, 20967), (72, 20937), (92, 20802), (112, 20703), (116, 20682),

Gene: P105_30 Start: 21007, Stop: 20336, Start Num: 12
Candidate Starts for P105_30:
(Start: 12 @21007 has 45 MA's), (Start: 45 @20794 has 2 MA's), (Start: 51 @20755 has 4 MA's), (63, 20662), (66, 20653), (68, 20632), (72, 20602), (92, 20467), (112, 20368), (116, 20347),

Gene: P106A_30 Start: 21433, Stop: 20762, Start Num: 12
Candidate Starts for P106A_30:
(Start: 12 @21433 has 45 MA's), (Start: 45 @21220 has 2 MA's), (Start: 51 @21181 has 4 MA's), (63, 21088), (66, 21079), (72, 21028), (92, 20893), (100, 20851), (112, 20794), (116, 20773),

Gene: P106C_31 Start: 21371, Stop: 20700, Start Num: 12
Candidate Starts for P106C_31:
(Start: 12 @21371 has 45 MA's), (Start: 45 @21158 has 2 MA's), (Start: 51 @21119 has 4 MA's), (63, 21026), (66, 21017), (72, 20966), (92, 20831), (100, 20789), (112, 20732), (116, 20711),

Gene: P106I_30 Start: 21200, Stop: 20529, Start Num: 12
Candidate Starts for P106I_30:
(Start: 12 @21200 has 45 MA's), (Start: 45 @20987 has 2 MA's), (Start: 51 @20948 has 4 MA's), (63, 20855), (66, 20846), (72, 20795), (92, 20660), (100, 20618), (112, 20561), (116, 20540),

Gene: P106L_30 Start: 21371, Stop: 20700, Start Num: 12
Candidate Starts for P106L_30:
(Start: 12 @21371 has 45 MA's), (Start: 45 @21158 has 2 MA's), (Start: 51 @21119 has 4 MA's), (63, 21026), (66, 21017), (72, 20966), (92, 20831), (100, 20789), (112, 20732), (116, 20711),

Gene: P106M_30 Start: 21371, Stop: 20700, Start Num: 12
Candidate Starts for P106M_30:
(Start: 12 @21371 has 45 MA's), (Start: 45 @21158 has 2 MA's), (Start: 51 @21119 has 4 MA's), (63, 21026), (66, 21017), (72, 20966), (92, 20831), (100, 20789), (112, 20732), (116, 20711),

Gene: P107A_30 Start: 21387, Stop: 20716, Start Num: 12
Candidate Starts for P107A_30:

(Start: 12 @21387 has 45 MA's), (Start: 45 @21174 has 2 MA's), (Start: 51 @21135 has 4 MA's), (63, 21042), (66, 21033), (68, 21012), (72, 20982), (92, 20847), (112, 20748), (116, 20727),

Gene: P107C_30 Start: 21324, Stop: 20653, Start Num: 12
Candidate Starts for P107C_30:
(Start: 12 @21324 has 45 MA's), (Start: 51 @21072 has 4 MA's), (63, 20979), (66, 20970), (68, 20949), (74, 20913), (92, 20784), (100, 20742), (112, 20685), (116, 20664),

Gene: P108C_30 Start: 21338, Stop: 20667, Start Num: 12
Candidate Starts for P108C_30:
(Start: 12 @21338 has 45 MA's), (Start: 45 @21125 has 2 MA's), (Start: 51 @21086 has 4 MA's), (63, 20993), (66, 20984), (68, 20963), (72, 20933), (92, 20798), (100, 20756), (112, 20699), (116, 20678),

Gene: P14.4_30 Start: 21340, Stop: 20669, Start Num: 12
Candidate Starts for P14.4_30:
(Start: 12 @21340 has 45 MA's), (Start: 45 @21127 has 2 MA's), (Start: 51 @21088 has 4 MA's), (63, 20995), (66, 20986), (68, 20965), (72, 20935), (92, 20800), (100, 20758), (112, 20701), (116, 20680),

Gene: P28Green_63 Start: 38808, Stop: 38242, Start Num: 20
Candidate Starts for P28Green_63:
(Start: 8 @38901 has 629 MA's), (Start: 20 @38808 has 32 MA's), (Start: 32 @38754 has 2 MA's), (Start: 36 @38742 has 23 MA's), (Start: 40 @38715 has 29 MA's), (59, 38595), (75, 38487), (78, 38469), (79, 38463), (94, 38352), (102, 38316), (107, 38298), (109, 38286),

Gene: P9.1_30 Start: 21368, Stop: 20697, Start Num: 12
Candidate Starts for P9.1_30:
(Start: 12 @21368 has 45 MA's), (Start: 45 @21155 has 2 MA's), (Start: 51 @21116 has 4 MA's), (63, 21023), (66, 21014), (72, 20963), (92, 20828), (100, 20786), (112, 20729), (116, 20708),

Gene: PA6_31 Start: 21332, Stop: 20661, Start Num: 12
Candidate Starts for PA6_31:
(Start: 12 @21332 has 45 MA's), (Start: 45 @21119 has 2 MA's), (Start: 51 @21080 has 4 MA's), (63, 20987), (66, 20978), (68, 20957), (72, 20927), (92, 20792), (100, 20750), (112, 20693), (116, 20672),

Gene: PAS50_31 Start: 21277, Stop: 20609, Start Num: 12
Candidate Starts for PAS50_31:
(Start: 12 @21277 has 45 MA's), (Start: 45 @21064 has 2 MA's), (Start: 51 @21025 has 4 MA's), (59, 20968), (63, 20932), (66, 20923), (68, 20902), (72, 20872), (92, 20740), (100, 20698), (103, 20686), (104, 20683), (112, 20641), (116, 20620),

Gene: PGHhamlin_64 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for PGHhamlin_64:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: PHL060L00_30 Start: 21182, Stop: 20511, Start Num: 12
Candidate Starts for PHL060L00_30:
(Start: 12 @21182 has 45 MA's), (Start: 45 @20969 has 2 MA's), (Start: 51 @20930 has 4 MA's), (63, 20837), (66, 20828), (72, 20777), (92, 20642), (100, 20600), (112, 20543), (116, 20522),

Gene: PHL067M10_30 Start: 21302, Stop: 20631, Start Num: 12
Candidate Starts for PHL067M10_30:

(Start: 12 @21302 has 45 MA's), (Start: 45 @21089 has 2 MA's), (Start: 51 @21050 has 4 MA's), (59, 20993), (63, 20957), (66, 20948), (68, 20927), (72, 20897), (92, 20762), (112, 20663), (116, 20642),

Gene: PHL071N05_30 Start: 21361, Stop: 20690, Start Num: 12
Candidate Starts for PHL071N05_30:
(Start: 12 @21361 has 45 MA's), (Start: 45 @21148 has 2 MA's), (Start: 51 @21109 has 4 MA's), (63, 21016), (66, 21007), (68, 20986), (72, 20956), (92, 20821), (100, 20779), (112, 20722), (116, 20701),

Gene: PHL111M01_30 Start: 21059, Stop: 20388, Start Num: 12
Candidate Starts for PHL111M01_30:
(Start: 12 @21059 has 45 MA's), (Start: 45 @20846 has 2 MA's), (Start: 51 @20807 has 4 MA's), (63, 20714), (66, 20705), (68, 20684), (72, 20654), (92, 20519), (112, 20420), (116, 20399),

Gene: PHL112N00_30 Start: 21369, Stop: 20698, Start Num: 12
Candidate Starts for PHL112N00_30:
(Start: 12 @21369 has 45 MA's), (Start: 45 @21156 has 2 MA's), (Start: 51 @21117 has 4 MA's), (59, 21060), (63, 21024), (66, 21015), (68, 20994), (72, 20964), (92, 20829), (100, 20787), (112, 20730), (116, 20709),

Gene: PHL113M01_30 Start: 21108, Stop: 20437, Start Num: 12
Candidate Starts for PHL113M01_30:
(Start: 12 @21108 has 45 MA's), (Start: 45 @20895 has 2 MA's), (Start: 51 @20856 has 4 MA's), (63, 20763), (66, 20754), (68, 20733), (72, 20703), (92, 20568), (112, 20469), (116, 20448),

Gene: PHL114L00_30 Start: 21324, Stop: 20653, Start Num: 12
Candidate Starts for PHL114L00_30:
(Start: 12 @21324 has 45 MA's), (Start: 45 @21111 has 2 MA's), (Start: 51 @21072 has 4 MA's), (59, 21015), (63, 20979), (66, 20970), (68, 20949), (72, 20919), (92, 20784), (100, 20742), (112, 20685), (116, 20664),

Gene: PP_58 Start: 42225, Stop: 41752, Start Num: 40
Candidate Starts for PP_58:
(Start: 8 @42411 has 629 MA's), (Start: 15 @42375 has 1 MA's), (Start: 20 @42318 has 32 MA's), (26, 42288), (Start: 36 @42252 has 23 MA's), (Start: 40 @42225 has 29 MA's), (Start: 51 @42162 has 4 MA's), (52, 42156), (59, 42105), (79, 41973), (81, 41958), (82, 41943), (86, 41913), (97, 41853), (98, 41850), (100, 41835), (102, 41826), (108, 41799), (109, 41796), (114, 41772), (117, 41760),

Gene: PSullivan_55 Start: 38239, Stop: 37595, Start Num: 11
Candidate Starts for PSullivan_55:
(Start: 11 @38239 has 29 MA's), (Start: 28 @38116 has 135 MA's), (Start: 40 @38065 has 29 MA's), (Start: 42 @38053 has 5 MA's), (62, 37924), (67, 37903), (68, 37885), (86, 37759), (87, 37756), (90, 37726), (94, 37708), (102, 37672), (109, 37642),

Gene: Pablito_39 Start: 28612, Stop: 29271, Start Num: 5
Candidate Starts for Pablito_39:
(Start: 5 @28612 has 33 MA's), (14, 28660), (21, 28723), (Start: 42 @28813 has 5 MA's), (62, 28942), (81, 29062), (83, 29086), (86, 29107), (101, 29188), (115, 29254),

Gene: PacerPaul_54 Start: 39512, Stop: 38991, Start Num: 28
Candidate Starts for PacerPaul_54:
(Start: 28 @39512 has 135 MA's), (Start: 36 @39488 has 23 MA's), (Start: 40 @39461 has 29 MA's), (Start: 42 @39449 has 5 MA's), (Start: 50 @39401 has 1 MA's), (66, 39302), (72, 39251), (86, 39155), (90, 39122), (94, 39104), (102, 39068), (109, 39038),

Gene: PackMan_58 Start: 38686, Stop: 38225, Start Num: 40
Candidate Starts for PackMan_58:
(Start: 8 @38854 has 629 MA's), (Start: 20 @38761 has 32 MA's), (Start: 25 @38737 has 5 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (Start: 43 @38671 has 1 MA's), (59, 38575), (60, 38569), (66, 38530), (68, 38509), (79, 38443), (86, 38383), (90, 38350), (102, 38296),

Gene: Paedore_39 Start: 29220, Stop: 29882, Start Num: 5
Candidate Starts for Paedore_39:
(Start: 5 @29220 has 33 MA's), (14, 29268), (21, 29331), (27, 29361), (Start: 42 @29421 has 5 MA's), (Start: 51 @29466 has 4 MA's), (62, 29550), (63, 29559), (81, 29670), (83, 29694), (86, 29715), (106, 29814), (108, 29829), (113, 29850),

Gene: PainterBoy_61 Start: 39028, Stop: 38537, Start Num: 36
Candidate Starts for PainterBoy_61:
(Start: 8 @39175 has 629 MA's), (Start: 20 @39082 has 32 MA's), (Start: 36 @39028 has 23 MA's), (Start: 40 @39001 has 29 MA's), (Start: 43 @38986 has 1 MA's), (Start: 45 @38971 has 2 MA's), (60, 38884), (68, 38824), (75, 38779), (82, 38725), (86, 38695), (94, 38644), (102, 38608),

Gene: Palestino_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Palestino_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Panamaxus_55 Start: 38406, Stop: 37852, Start Num: 23
Candidate Starts for Panamaxus_55:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: Paolo_42 Start: 29646, Stop: 30308, Start Num: 5
Candidate Starts for Paolo_42:
(Start: 5 @29646 has 33 MA's), (14, 29694), (16, 29709), (18, 29730), (27, 29787), (Start: 42 @29847 has 5 MA's), (62, 29976), (81, 30096), (83, 30120), (113, 30276), (115, 30288),

Gene: Papez_57 Start: 41106, Stop: 40585, Start Num: 28
Candidate Starts for Papez_57:
(Start: 28 @41106 has 135 MA's), (Start: 36 @41082 has 23 MA's), (Start: 40 @41055 has 29 MA's), (Start: 42 @41043 has 5 MA's), (Start: 50 @40995 has 1 MA's), (72, 40845), (86, 40749), (90, 40716), (94, 40698), (102, 40662), (109, 40632),

Gene: Paphu_53 Start: 38516, Stop: 37992, Start Num: 28
Candidate Starts for Paphu_53:
(Start: 28 @38516 has 135 MA's), (Start: 36 @38492 has 23 MA's), (Start: 40 @38465 has 29 MA's), (Start: 42 @38453 has 5 MA's), (Start: 50 @38405 has 1 MA's), (72, 38255), (86, 38159), (87, 38156), (90, 38126), (94, 38108), (102, 38072), (109, 38039), (110, 38036),

Gene: Paraselene_52 Start: 39621, Stop: 39097, Start Num: 28
Candidate Starts for Paraselene_52:

(Start: 28 @39621 has 135 MA's), (Start: 36 @39597 has 23 MA's), (Start: 40 @39570 has 29 MA's), (Start: 42 @39558 has 5 MA's), (Start: 50 @39510 has 1 MA's), (66, 39411), (72, 39360), (86, 39264), (87, 39261), (90, 39231), (94, 39213), (102, 39177), (109, 39144), (110, 39141),

Gene: Pari_57 Start: 38997, Stop: 38419, Start Num: 19
Candidate Starts for Pari_57:
(Start: 19 @38997 has 39 MA's), (Start: 28 @38940 has 135 MA's), (Start: 36 @38916 has 23 MA's), (Start: 40 @38889 has 29 MA's), (Start: 42 @38877 has 5 MA's), (Start: 50 @38829 has 1 MA's), (72, 38679), (86, 38583), (87, 38580), (90, 38550), (94, 38532), (102, 38496), (109, 38466),

Gene: Parliament_54 Start: 39241, Stop: 38720, Start Num: 28
Candidate Starts for Parliament_54:
(Start: 28 @39241 has 135 MA's), (Start: 36 @39217 has 23 MA's), (Start: 40 @39190 has 29 MA's), (Start: 42 @39178 has 5 MA's), (Start: 50 @39130 has 1 MA's), (66, 39031), (72, 38980), (86, 38884), (90, 38851), (94, 38833), (102, 38797), (109, 38767),

Gene: Partridge_47 Start: 35578, Stop: 34919, Start Num: 8
Candidate Starts for Partridge_47:
(Start: 8 @35578 has 629 MA's), (Start: 25 @35455 has 5 MA's), (Start: 36 @35419 has 23 MA's), (Start: 40 @35392 has 29 MA's), (Start: 45 @35362 has 2 MA's), (Start: 50 @35332 has 1 MA's), (Start: 51 @35329 has 4 MA's), (52, 35323), (59, 35272), (66, 35227), (68, 35206), (78, 35146), (79, 35140), (107, 34975), (110, 34960),

Gene: PascalRango_55 Start: 39459, Stop: 38938, Start Num: 28
Candidate Starts for PascalRango_55:
(Start: 28 @39459 has 135 MA's), (Start: 36 @39435 has 23 MA's), (Start: 40 @39408 has 29 MA's), (Start: 42 @39396 has 5 MA's), (Start: 50 @39348 has 1 MA's), (66, 39249), (72, 39198), (86, 39102), (90, 39069), (94, 39051), (102, 39015), (109, 38985),

Gene: PattyP_55 Start: 39696, Stop: 39052, Start Num: 11
Candidate Starts for PattyP_55:
(Start: 11 @39696 has 29 MA's), (Start: 28 @39573 has 135 MA's), (Start: 40 @39522 has 29 MA's), (Start: 42 @39510 has 5 MA's), (62, 39381), (67, 39360), (68, 39342), (86, 39216), (90, 39183), (94, 39165), (102, 39129), (109, 39099), (110, 39096),

Gene: Pavo_41 Start: 29874, Stop: 30539, Start Num: 6
Candidate Starts for Pavo_41:
(Start: 6 @29874 has 40 MA's), (Start: 8 @29889 has 629 MA's), (Start: 51 @30117 has 4 MA's), (59, 30174), (60, 30180), (62, 30201), (63, 30210), (72, 30270), (73, 30273), (75, 30282), (83, 30345), (86, 30366), (101, 30447), (106, 30468),

Gene: Pawn_62 Start: 38788, Stop: 38129, Start Num: 8
Candidate Starts for Pawn_62:
(Start: 8 @38788 has 629 MA's), (Start: 20 @38695 has 32 MA's), (Start: 32 @38641 has 2 MA's), (Start: 36 @38629 has 23 MA's), (Start: 40 @38602 has 29 MA's), (59, 38482), (75, 38374), (78, 38356), (79, 38350), (90, 38257), (94, 38239), (102, 38203), (107, 38185), (109, 38173),

Gene: Payneful_54 Start: 38963, Stop: 38442, Start Num: 28
Candidate Starts for Payneful_54:
(Start: 28 @38963 has 135 MA's), (Start: 36 @38939 has 23 MA's), (Start: 40 @38912 has 29 MA's), (Start: 42 @38900 has 5 MA's), (Start: 50 @38852 has 1 MA's), (66, 38753), (72, 38702), (86, 38606), (90, 38573), (94, 38555), (102, 38519), (109, 38489),

Gene: PeaceMeal1_54 Start: 37275, Stop: 36616, Start Num: 8
Candidate Starts for PeaceMeal1_54:
(Start: 8 @37275 has 629 MA's), (Start: 20 @37182 has 32 MA's), (Start: 36 @37116 has 23 MA's), (Start: 40 @37089 has 29 MA's), (Start: 51 @37026 has 4 MA's), (59, 36969), (67, 36921), (81, 36822), (82, 36807), (100, 36699), (102, 36690), (107, 36672), (109, 36660), (117, 36624),

Gene: Peaches_54 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Peaches_54:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (21, 38042), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94, 37589), (100, 37562), (102, 37553), (117, 37487),

Gene: Pelly_55 Start: 39243, Stop: 38719, Start Num: 28
Candidate Starts for Pelly_55:
(Start: 28 @39243 has 135 MA's), (Start: 36 @39219 has 23 MA's), (Start: 40 @39192 has 29 MA's), (Start: 42 @39180 has 5 MA's), (Start: 50 @39132 has 1 MA's), (72, 38982), (86, 38886), (87, 38883), (90, 38853), (94, 38835), (102, 38799), (109, 38766), (110, 38763),

Gene: Pembroke_62 Start: 38899, Stop: 38240, Start Num: 8
Candidate Starts for Pembroke_62:
(Start: 8 @38899 has 629 MA's), (Start: 20 @38806 has 32 MA's), (Start: 32 @38752 has 2 MA's), (Start: 36 @38740 has 23 MA's), (Start: 40 @38713 has 29 MA's), (59, 38593), (75, 38485), (78, 38467), (79, 38461), (94, 38350), (102, 38314), (107, 38296), (109, 38284),

Gene: Penny1_63 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for Penny1_63:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: Pepe_51 Start: 37732, Stop: 37211, Start Num: 28
Candidate Starts for Pepe_51:
(Start: 28 @37732 has 135 MA's), (Start: 36 @37708 has 23 MA's), (Start: 40 @37681 has 29 MA's), (Start: 42 @37669 has 5 MA's), (Start: 50 @37621 has 1 MA's), (72, 37471), (86, 37375), (90, 37342), (94, 37324), (102, 37288), (109, 37258),

Gene: Percastrophe_58 Start: 30909, Stop: 30277, Start Num: 8
Candidate Starts for Percastrophe_58:
(Start: 8 @30909 has 629 MA's), (Start: 12 @30891 has 45 MA's), (14, 30879), (21, 30819), (Start: 45 @30711 has 2 MA's), (46, 30693), (48, 30687), (63, 30594), (79, 30498), (86, 30438),

Gene: Perplexer_54 Start: 38089, Stop: 37430, Start Num: 8
Candidate Starts for Perplexer_54:
(Start: 8 @38089 has 629 MA's), (Start: 20 @37996 has 32 MA's), (Start: 24 @37978 has 1 MA's), (Start: 32 @37942 has 2 MA's), (Start: 36 @37930 has 23 MA's), (Start: 40 @37903 has 29 MA's), (Start: 43 @37888 has 1 MA's), (59, 37783), (78, 37657), (81, 37636), (82, 37621), (94, 37540), (102, 37504), (117, 37438),

Gene: Perseus_55 Start: 40221, Stop: 39640, Start Num: 19
Candidate Starts for Perseus_55:
(Start: 19 @40221 has 39 MA's), (Start: 28 @40164 has 135 MA's), (Start: 36 @40140 has 23 MA's), (Start: 40 @40113 has 29 MA's), (Start: 42 @40101 has 5 MA's), (Start: 50 @40053 has 1 MA's), (66,

39954), (72, 39903), (86, 39807), (90, 39774), (94, 39756), (102, 39720), (109, 39687), (110, 39684),

Gene: PeterPeter_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for PeterPeter_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Petersenfast_59 Start: 38208, Stop: 37561, Start Num: 8
Candidate Starts for Petersenfast_59:
(Start: 8 @38208 has 629 MA's), (Start: 20 @38115 has 32 MA's), (Start: 36 @38061 has 23 MA's), (Start: 40 @38034 has 29 MA's), (Start: 45 @38004 has 2 MA's), (60, 37908), (68, 37848), (79, 37782), (81, 37767), (86, 37722), (89, 37713), (90, 37689), (102, 37635), (110, 37602),

Gene: Peterson_59 Start: 41402, Stop: 40878, Start Num: 28
Candidate Starts for Peterson_59:
(Start: 28 @41402 has 135 MA's), (Start: 36 @41378 has 23 MA's), (Start: 40 @41351 has 29 MA's), (Start: 42 @41339 has 5 MA's), (Start: 50 @41291 has 1 MA's), (72, 41141), (86, 41045), (87, 41042), (90, 41012), (94, 40994), (102, 40958), (109, 40925), (110, 40922),

Gene: PetiteSangsue_54 Start: 38092, Stop: 37433, Start Num: 8
Candidate Starts for PetiteSangsue_54:
(Start: 8 @38092 has 629 MA's), (Start: 20 @37999 has 32 MA's), (Start: 24 @37981 has 1 MA's), (Start: 32 @37945 has 2 MA's), (Start: 36 @37933 has 23 MA's), (Start: 40 @37906 has 29 MA's), (Start: 43 @37891 has 1 MA's), (59, 37786), (78, 37660), (81, 37639), (82, 37624), (94, 37543), (102, 37507), (117, 37441),

Gene: Petruchio_54 Start: 38665, Stop: 38087, Start Num: 19
Candidate Starts for Petruchio_54:
(Start: 19 @38665 has 39 MA's), (Start: 28 @38608 has 135 MA's), (Start: 36 @38584 has 23 MA's), (Start: 40 @38557 has 29 MA's), (Start: 42 @38545 has 5 MA's), (Start: 50 @38497 has 1 MA's), (66, 38398), (72, 38347), (86, 38251), (87, 38248), (90, 38218), (94, 38200), (102, 38164), (109, 38134),

Gene: PetterN_58 Start: 38531, Stop: 37869, Start Num: 8
Candidate Starts for PetterN_58:
(Start: 8 @38531 has 629 MA's), (Start: 20 @38438 has 32 MA's), (Start: 24 @38420 has 1 MA's), (Start: 32 @38378 has 2 MA's), (Start: 36 @38366 has 23 MA's), (Start: 40 @38339 has 29 MA's), (Start: 42 @38327 has 5 MA's), (Start: 43 @38324 has 1 MA's), (68, 38162), (79, 38096), (80, 38087), (82, 38066), (86, 38036), (88, 38030), (90, 38003), (100, 37958), (102, 37949), (107, 37931), (109, 37919), (110, 37916),

Gene: Ph8s_60 Start: 38317, Stop: 37685, Start Num: 8
Candidate Starts for Ph8s_60:
(Start: 8 @38317 has 629 MA's), (Start: 20 @38224 has 32 MA's), (21, 38221), (Start: 36 @38170 has 23 MA's), (Start: 40 @38143 has 29 MA's), (Start: 45 @38113 has 2 MA's), (59, 38035), (75, 37927), (80, 37894), (81, 37888), (82, 37873), (86, 37843), (89, 37834), (90, 37810), (94, 37792), (102, 37756),

Gene: Phacado_55 Start: 38138, Stop: 37479, Start Num: 8
Candidate Starts for Phacado_55:
(Start: 8 @38138 has 629 MA's), (Start: 20 @38045 has 32 MA's), (Start: 24 @38027 has 1 MA's), (Start: 32 @37991 has 2 MA's), (Start: 36 @37979 has 23 MA's), (Start: 40 @37952 has 29 MA's), (Start: 43 @37937 has 1 MA's), (59, 37832), (78, 37706), (79, 37700), (81, 37685), (82, 37670), (94,

37589), (100, 37562), (102, 37553), (117, 37487),

Gene: Phaded_59 Start: 39863, Stop: 39324, Start Num: 20
Candidate Starts for Phaded_59:
(Start: 20 @39863 has 32 MA's), (22, 39851), (Start: 36 @39809 has 23 MA's), (Start: 40 @39782 has 29 MA's), (Start: 45 @39752 has 2 MA's), (59, 39674), (60, 39668), (68, 39608), (81, 39527), (86, 39482), (90, 39449), (102, 39395), (109, 39365),

Gene: Phaeder_59 Start: 38854, Stop: 38225, Start Num: 8
Candidate Starts for Phaeder_59:
(Start: 8 @38854 has 629 MA's), (Start: 20 @38761 has 32 MA's), (Start: 25 @38737 has 5 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (Start: 43 @38671 has 1 MA's), (59, 38575), (60, 38569), (66, 38530), (68, 38509), (79, 38443), (86, 38383), (90, 38350), (102, 38296),

Gene: PhailMary_47 Start: 35416, Stop: 34943, Start Num: 40
Candidate Starts for PhailMary_47:
(Start: 8 @35602 has 629 MA's), (Start: 25 @35479 has 5 MA's), (Start: 36 @35443 has 23 MA's), (Start: 40 @35416 has 29 MA's), (Start: 45 @35386 has 2 MA's), (Start: 50 @35356 has 1 MA's), (Start: 51 @35353 has 4 MA's), (52, 35347), (59, 35296), (66, 35251), (68, 35230), (79, 35164), (107, 34999), (110, 34984),

Gene: Phantastic_59 Start: 38187, Stop: 37525, Start Num: 8
Candidate Starts for Phantastic_59:
(Start: 8 @38187 has 629 MA's), (Start: 20 @38094 has 32 MA's), (Start: 32 @38040 has 2 MA's), (Start: 36 @38028 has 23 MA's), (Start: 40 @38001 has 29 MA's), (Start: 43 @37986 has 1 MA's), (Start: 51 @37938 has 4 MA's), (59, 37881), (67, 37833), (75, 37773), (78, 37755), (79, 37749), (81, 37734), (82, 37719), (86, 37689), (94, 37638), (102, 37602), (107, 37584), (117, 37536),

Gene: Pharaoh_54 Start: 38900, Stop: 38271, Start Num: 8
Candidate Starts for Pharaoh_54:
(Start: 8 @38900 has 629 MA's), (Start: 20 @38807 has 32 MA's), (Start: 36 @38756 has 23 MA's), (Start: 40 @38729 has 29 MA's), (59, 38621), (60, 38615), (68, 38555), (75, 38513), (78, 38495), (81, 38474), (86, 38429), (90, 38396), (94, 38378), (102, 38342), (110, 38309),

Gene: Phelipe_56 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Phelipe_56:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: PherrisBueller_54 Start: 37881, Stop: 37360, Start Num: 28
Candidate Starts for PherrisBueller_54:
(Start: 28 @37881 has 135 MA's), (Start: 36 @37857 has 23 MA's), (Start: 40 @37830 has 29 MA's), (Start: 42 @37818 has 5 MA's), (Start: 50 @37770 has 1 MA's), (72, 37620), (86, 37524), (90, 37491), (94, 37473), (98, 37461), (102, 37437), (109, 37407),

Gene: Phettuccine_39 Start: 27816, Stop: 28481, Start Num: 6
Candidate Starts for Phettuccine_39:
(Start: 6 @27816 has 40 MA's), (Start: 8 @27831 has 629 MA's), (Start: 10 @27834 has 1 MA's), (Start: 36 @27975 has 23 MA's), (Start: 51 @28059 has 4 MA's), (59, 28116), (60, 28122), (62, 28143), (63, 28152), (70, 28188), (72, 28212), (75, 28224), (77, 28233), (78, 28242), (83, 28287), (101, 28389), (106, 28410), (115, 28458),

Gene: Phighter1804_55 Start: 38200, Stop: 37541, Start Num: 8
Candidate Starts for Phighter1804_55:
(Start: 8 @38200 has 629 MA's), (Start: 20 @38107 has 32 MA's), (Start: 24 @38089 has 1 MA's), (Start: 32 @38053 has 2 MA's), (Start: 36 @38041 has 23 MA's), (Start: 40 @38014 has 29 MA's), (Start: 43 @37999 has 1 MA's), (59, 37894), (78, 37768), (79, 37762), (81, 37747), (82, 37732), (94, 37651), (100, 37624), (102, 37615), (117, 37549),

Gene: Phillis_57 Start: 37605, Stop: 36952, Start Num: 8
Candidate Starts for Phillis_57:
(Start: 8 @37605 has 629 MA's), (Start: 20 @37512 has 32 MA's), (Start: 32 @37452 has 2 MA's), (Start: 36 @37440 has 23 MA's), (Start: 40 @37413 has 29 MA's), (49, 37356), (59, 37305), (60, 37299), (79, 37173), (81, 37158), (82, 37143), (86, 37113), (90, 37080), (107, 37008), (108, 36999), (110, 36993), (115, 36969),

Gene: PhineBark_54 Start: 39571, Stop: 39050, Start Num: 28
Candidate Starts for PhineBark_54:
(Start: 28 @39571 has 135 MA's), (Start: 36 @39547 has 23 MA's), (Start: 40 @39520 has 29 MA's), (Start: 42 @39508 has 5 MA's), (Start: 50 @39460 has 1 MA's), (72, 39310), (86, 39214), (90, 39181), (94, 39163), (102, 39127), (109, 39097),

Gene: PhishRPhriends_60 Start: 37965, Stop: 37306, Start Num: 8
Candidate Starts for PhishRPhriends_60:
(Start: 8 @37965 has 629 MA's), (Start: 20 @37872 has 32 MA's), (Start: 32 @37818 has 2 MA's), (Start: 36 @37806 has 23 MA's), (Start: 40 @37779 has 29 MA's), (59, 37659), (75, 37551), (78, 37533), (79, 37527), (90, 37434), (94, 37416), (102, 37380), (107, 37362), (109, 37350),

Gene: Phlei_49 Start: 38775, Stop: 38140, Start Num: 8
Candidate Starts for Phlei_49:
(Start: 8 @38775 has 629 MA's), (Start: 20 @38682 has 32 MA's), (Start: 36 @38628 has 23 MA's), (Start: 40 @38601 has 29 MA's), (Start: 50 @38541 has 1 MA's), (59, 38493), (81, 38346), (86, 38301), (102, 38214),

Gene: Phlippers_54 Start: 39962, Stop: 39441, Start Num: 28
Candidate Starts for Phlippers_54:
(Start: 11 @40085 has 29 MA's), (Start: 28 @39962 has 135 MA's), (Start: 40 @39911 has 29 MA's), (Start: 42 @39899 has 5 MA's), (62, 39770), (67, 39749), (68, 39731), (78, 39671), (86, 39605), (90, 39572), (94, 39554), (102, 39518), (109, 39488),

Gene: Phlorence_51 Start: 38030, Stop: 37371, Start Num: 8
Candidate Starts for Phlorence_51:
(Start: 8 @38030 has 629 MA's), (Start: 20 @37937 has 32 MA's), (Start: 24 @37919 has 1 MA's), (Start: 32 @37877 has 2 MA's), (Start: 36 @37865 has 23 MA's), (Start: 40 @37838 has 29 MA's), (Start: 42 @37826 has 5 MA's), (68, 37664), (79, 37598), (82, 37568), (86, 37538), (88, 37532), (90, 37505), (94, 37487), (100, 37460), (102, 37451), (107, 37433), (109, 37421), (110, 37418),

Gene: Phoebe_63 Start: 38891, Stop: 38232, Start Num: 8
Candidate Starts for Phoebe_63:
(Start: 8 @38891 has 629 MA's), (Start: 20 @38798 has 32 MA's), (Start: 32 @38744 has 2 MA's), (Start: 36 @38732 has 23 MA's), (Start: 40 @38705 has 29 MA's), (59, 38585), (75, 38477), (78, 38459), (79, 38453), (94, 38342), (102, 38306), (107, 38288), (109, 38276),

Gene: Phonnegut_59 Start: 38951, Stop: 38322, Start Num: 8

Candidate Starts for Phonnegut_59:
(Start: 8 @38951 has 629 MA's), (Start: 20 @38858 has 32 MA's), (Start: 25 @38834 has 5 MA's), (Start: 36 @38810 has 23 MA's), (Start: 40 @38783 has 29 MA's), (Start: 43 @38768 has 1 MA's), (59, 38672), (60, 38666), (66, 38627), (68, 38606), (86, 38480), (90, 38447), (102, 38393), (109, 38363),

Gene: Phontbonne_55 Start: 38030, Stop: 37371, Start Num: 8
Candidate Starts for Phontbonne_55:
(Start: 8 @38030 has 629 MA's), (Start: 20 @37937 has 32 MA's), (Start: 24 @37919 has 1 MA's), (Start: 32 @37883 has 2 MA's), (Start: 36 @37871 has 23 MA's), (Start: 40 @37844 has 29 MA's), (Start: 43 @37829 has 1 MA's), (59, 37724), (78, 37598), (79, 37592), (81, 37577), (82, 37562), (94, 37481), (100, 37454), (102, 37445), (117, 37379),

Gene: Phoxy_62 Start: 38923, Stop: 38264, Start Num: 8
Candidate Starts for Phoxy_62:
(Start: 8 @38923 has 629 MA's), (Start: 20 @38830 has 32 MA's), (Start: 32 @38776 has 2 MA's), (Start: 36 @38764 has 23 MA's), (Start: 40 @38737 has 29 MA's), (59, 38617), (75, 38509), (79, 38485), (102, 38338), (107, 38320), (109, 38308),

Gene: Phrankenstein_48 Start: 35226, Stop: 34567, Start Num: 8
Candidate Starts for Phrankenstein_48:
(Start: 8 @35226 has 629 MA's), (Start: 25 @35103 has 5 MA's), (Start: 36 @35067 has 23 MA's), (Start: 40 @35040 has 29 MA's), (Start: 45 @35010 has 2 MA's), (Start: 50 @34980 has 1 MA's), (Start: 51 @34977 has 4 MA's), (52, 34971), (59, 34920), (66, 34875), (68, 34854), (78, 34794), (79, 34788), (107, 34623), (110, 34608),

Gene: Phranny_63 Start: 38770, Stop: 38111, Start Num: 8
Candidate Starts for Phranny_63:
(Start: 8 @38770 has 629 MA's), (Start: 20 @38677 has 32 MA's), (Start: 32 @38623 has 2 MA's), (Start: 36 @38611 has 23 MA's), (Start: 40 @38584 has 29 MA's), (59, 38464), (75, 38356), (78, 38338), (79, 38332), (90, 38239), (94, 38221), (102, 38185), (107, 38167), (109, 38155),

Gene: PhrostyMug_54 Start: 39443, Stop: 38919, Start Num: 28
Candidate Starts for PhrostyMug_54:
(Start: 28 @39443 has 135 MA's), (Start: 36 @39419 has 23 MA's), (Start: 40 @39392 has 29 MA's), (Start: 42 @39380 has 5 MA's), (Start: 50 @39332 has 1 MA's), (66, 39233), (72, 39182), (86, 39086), (90, 39053), (94, 39035), (102, 38999), (109, 38966), (110, 38963),

Gene: PickleBack_53 Start: 38277, Stop: 37618, Start Num: 8
Candidate Starts for PickleBack_53:
(Start: 8 @38277 has 629 MA's), (Start: 20 @38184 has 32 MA's), (Start: 24 @38166 has 1 MA's), (Start: 32 @38124 has 2 MA's), (Start: 36 @38112 has 23 MA's), (Start: 40 @38085 has 29 MA's), (Start: 42 @38073 has 5 MA's), (68, 37911), (79, 37845), (82, 37815), (86, 37785), (88, 37779), (90, 37752), (94, 37734), (100, 37707), (102, 37698), (107, 37680), (109, 37668), (110, 37665),

Gene: PinkPlastic_55 Start: 38843, Stop: 38322, Start Num: 28
Candidate Starts for PinkPlastic_55:
(Start: 19 @38900 has 39 MA's), (Start: 28 @38843 has 135 MA's), (Start: 36 @38819 has 23 MA's), (Start: 40 @38792 has 29 MA's), (Start: 42 @38780 has 5 MA's), (Start: 50 @38732 has 1 MA's), (72, 38582), (86, 38486), (90, 38453), (94, 38435), (102, 38399), (109, 38369),

Gene: Pinto_55 Start: 39447, Stop: 38926, Start Num: 28
Candidate Starts for Pinto_55:

(Start: 28 @39447 has 135 MA's), (Start: 36 @39423 has 23 MA's), (Start: 40 @39396 has 29 MA's), (Start: 42 @39384 has 5 MA's), (Start: 50 @39336 has 1 MA's), (72, 39186), (86, 39090), (87, 39087), (90, 39057), (94, 39039), (102, 39003), (109, 38973),

Gene: Pioneer_59 Start: 38783, Stop: 38322, Start Num: 40
Candidate Starts for Pioneer_59:
(Start: 8 @38951 has 629 MA's), (Start: 20 @38858 has 32 MA's), (Start: 25 @38834 has 5 MA's), (Start: 36 @38810 has 23 MA's), (Start: 40 @38783 has 29 MA's), (Start: 43 @38768 has 1 MA's), (59, 38672), (60, 38666), (66, 38627), (68, 38606), (86, 38480), (90, 38447), (102, 38393), (109, 38363),

Gene: Pipcraft_53 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Pipcraft_53:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Pippin_56 Start: 39135, Stop: 38614, Start Num: 28
Candidate Starts for Pippin_56:
(Start: 28 @39135 has 135 MA's), (Start: 36 @39111 has 23 MA's), (Start: 40 @39084 has 29 MA's), (Start: 42 @39072 has 5 MA's), (Start: 50 @39024 has 1 MA's), (72, 38874), (86, 38778), (87, 38775), (90, 38745), (94, 38727), (102, 38691), (109, 38661),

Gene: Pirate_30 Start: 21257, Stop: 20586, Start Num: 12
Candidate Starts for Pirate_30:
(Start: 12 @21257 has 45 MA's), (Start: 45 @21044 has 2 MA's), (Start: 51 @21005 has 4 MA's), (63, 20912), (66, 20903), (68, 20882), (72, 20852), (92, 20717), (100, 20675), (112, 20618), (116, 20597),

Gene: Piro94_59 Start: 39101, Stop: 38469, Start Num: 8
Candidate Starts for Piro94_59:
(Start: 8 @39101 has 629 MA's), (Start: 20 @39008 has 32 MA's), (Start: 36 @38954 has 23 MA's), (Start: 45 @38897 has 2 MA's), (59, 38819), (60, 38813), (68, 38753), (78, 38693), (81, 38672), (86, 38627), (90, 38594), (102, 38540),

Gene: Pistachio_59 Start: 38096, Stop: 37437, Start Num: 8
Candidate Starts for Pistachio_59:
(Start: 8 @38096 has 629 MA's), (Start: 20 @38003 has 32 MA's), (Start: 32 @37949 has 2 MA's), (Start: 36 @37937 has 23 MA's), (Start: 40 @37910 has 29 MA's), (Start: 43 @37895 has 1 MA's), (Start: 51 @37847 has 4 MA's), (59, 37790), (67, 37742), (78, 37664), (81, 37643), (82, 37628), (94, 37547), (102, 37511), (107, 37493), (117, 37445),

Gene: Pita2_58 Start: 39736, Stop: 39092, Start Num: 11
Candidate Starts for Pita2_58:
(Start: 11 @39736 has 29 MA's), (Start: 28 @39613 has 135 MA's), (Start: 40 @39562 has 29 MA's), (Start: 42 @39550 has 5 MA's), (62, 39421), (67, 39400), (68, 39382), (86, 39256), (87, 39253), (90, 39223), (94, 39205), (102, 39169), (109, 39139),

Gene: Pmask_59 Start: 37721, Stop: 37089, Start Num: 8
Candidate Starts for Pmask_59:
(Start: 8 @37721 has 629 MA's), (Start: 20 @37628 has 32 MA's), (Start: 36 @37574 has 23 MA's), (Start: 45 @37517 has 2 MA's), (59, 37439), (68, 37373), (81, 37292), (86, 37247), (90, 37214), (94, 37196), (102, 37160), (109, 37130), (110, 37127),

Gene: Pocahontas_57 Start: 38511, Stop: 37849, Start Num: 8
Candidate Starts for Pocahontas_57:
(Start: 8 @38511 has 629 MA's), (Start: 20 @38418 has 32 MA's), (Start: 23 @38403 has 2 MA's), (Start: 32 @38364 has 2 MA's), (Start: 36 @38352 has 23 MA's), (Start: 40 @38325 has 29 MA's), (59, 38205), (67, 38157), (75, 38097), (78, 38079), (79, 38073), (81, 38058), (82, 38043), (102, 37926), (107, 37908),

Gene: Polymorphads_56 Start: 38132, Stop: 37473, Start Num: 8
Candidate Starts for Polymorphads_56:
(Start: 8 @38132 has 629 MA's), (Start: 20 @38039 has 32 MA's), (Start: 24 @38021 has 1 MA's), (Start: 32 @37985 has 2 MA's), (Start: 36 @37973 has 23 MA's), (Start: 40 @37946 has 29 MA's), (Start: 43 @37931 has 1 MA's), (59, 37826), (78, 37700), (79, 37694), (81, 37679), (82, 37664), (94, 37583), (100, 37556), (102, 37547), (117, 37481),

Gene: Polyphemus_62 Start: 38103, Stop: 37471, Start Num: 8
Candidate Starts for Polyphemus_62:
(Start: 8 @38103 has 629 MA's), (Start: 20 @38010 has 32 MA's), (Start: 36 @37956 has 23 MA's), (Start: 45 @37899 has 2 MA's), (59, 37821), (68, 37755), (81, 37674), (86, 37629), (90, 37596), (94, 37578), (102, 37542), (109, 37512), (110, 37509),

Gene: Pomar16_61 Start: 38941, Stop: 38309, Start Num: 8
Candidate Starts for Pomar16_61:
(Start: 8 @38941 has 629 MA's), (Start: 20 @38848 has 32 MA's), (Start: 36 @38794 has 23 MA's), (Start: 40 @38767 has 29 MA's), (Start: 45 @38737 has 2 MA's), (59, 38659), (60, 38653), (68, 38593), (81, 38512), (86, 38467), (90, 38434), (94, 38416), (102, 38380),

Gene: Ponzi_29 Start: 17166, Stop: 16498, Start Num: 13
Candidate Starts for Ponzi_29:
(Start: 7 @17196 has 2 MA's), (Start: 13 @17166 has 1 MA's), (Start: 15 @17154 has 1 MA's), (37, 17007), (59, 16854), (61, 16836), (72, 16758), (77, 16737), (90, 16629), (94, 16611),

Gene: Poompha_54 Start: 37273, Stop: 36614, Start Num: 8
Candidate Starts for Poompha_54:
(Start: 8 @37273 has 629 MA's), (Start: 20 @37180 has 32 MA's), (Start: 36 @37114 has 23 MA's), (Start: 40 @37087 has 29 MA's), (Start: 51 @37024 has 4 MA's), (59, 36967), (67, 36919), (81, 36820), (82, 36805), (100, 36697), (102, 36688), (107, 36670), (109, 36658), (117, 36622),

Gene: Popcicle_57 Start: 38511, Stop: 37849, Start Num: 8
Candidate Starts for Popcicle_57:
(Start: 8 @38511 has 629 MA's), (Start: 20 @38418 has 32 MA's), (Start: 23 @38403 has 2 MA's), (Start: 32 @38364 has 2 MA's), (Start: 36 @38352 has 23 MA's), (Start: 40 @38325 has 29 MA's), (59, 38205), (67, 38157), (75, 38097), (78, 38079), (79, 38073), (81, 38058), (82, 38043), (102, 37926), (107, 37908),

Gene: PotatoSplit_64 Start: 38902, Stop: 38243, Start Num: 8
Candidate Starts for PotatoSplit_64:
(Start: 8 @38902 has 629 MA's), (Start: 20 @38809 has 32 MA's), (Start: 32 @38755 has 2 MA's), (Start: 36 @38743 has 23 MA's), (Start: 40 @38716 has 29 MA's), (59, 38596), (75, 38488), (78, 38470), (79, 38464), (94, 38353), (102, 38317), (107, 38299), (109, 38287),

Gene: Power_58 Start: 39109, Stop: 38477, Start Num: 8
Candidate Starts for Power_58:

(Start: 8 @39109 has 629 MA's), (Start: 20 @39016 has 32 MA's), (Start: 36 @38962 has 23 MA's), (Start: 45 @38905 has 2 MA's), (68, 38761), (78, 38701), (86, 38635), (90, 38602), (94, 38584), (102, 38548),

Gene: PowerRanger_53 Start: 40356, Stop: 39832, Start Num: 28
Candidate Starts for PowerRanger_53:
(Start: 28 @40356 has 135 MA's), (Start: 36 @40332 has 23 MA's), (Start: 40 @40305 has 29 MA's), (Start: 42 @40293 has 5 MA's), (Start: 50 @40245 has 1 MA's), (66, 40146), (72, 40095), (86, 39999), (87, 39996), (90, 39966), (94, 39948), (102, 39912), (110, 39876),

Gene: Priamo_62 Start: 37378, Stop: 36839, Start Num: 20
Candidate Starts for Priamo_62:
(Start: 8 @37471 has 629 MA's), (Start: 20 @37378 has 32 MA's), (Start: 36 @37324 has 23 MA's), (Start: 45 @37267 has 2 MA's), (59, 37189), (68, 37123), (81, 37042), (86, 36997), (90, 36964), (94, 36946), (102, 36910), (109, 36880), (110, 36877),

Gene: Prinashe11_52 Start: 38352, Stop: 37693, Start Num: 8
Candidate Starts for Prinashe11_52:
(Start: 8 @38352 has 629 MA's), (Start: 20 @38259 has 32 MA's), (Start: 24 @38241 has 1 MA's), (Start: 32 @38199 has 2 MA's), (Start: 36 @38187 has 23 MA's), (Start: 40 @38160 has 29 MA's), (Start: 42 @38148 has 5 MA's), (Start: 51 @38097 has 4 MA's), (79, 37920), (80, 37911), (82, 37890), (85, 37875), (86, 37860), (88, 37854), (90, 37827), (94, 37809), (100, 37782), (102, 37773), (107, 37755), (109, 37743), (110, 37740),

Gene: Priya_59 Start: 38921, Stop: 38292, Start Num: 8
Candidate Starts for Priya_59:
(Start: 8 @38921 has 629 MA's), (Start: 20 @38828 has 32 MA's), (Start: 25 @38804 has 5 MA's), (Start: 36 @38780 has 23 MA's), (Start: 40 @38753 has 29 MA's), (Start: 43 @38738 has 1 MA's), (59, 38642), (60, 38636), (66, 38597), (68, 38576), (79, 38510), (86, 38450), (90, 38417), (102, 38363),

Gene: ProMouse_57 Start: 39390, Stop: 38869, Start Num: 28
Candidate Starts for ProMouse_57:
(Start: 28 @39390 has 135 MA's), (Start: 36 @39366 has 23 MA's), (Start: 40 @39339 has 29 MA's), (Start: 42 @39327 has 5 MA's), (Start: 50 @39279 has 1 MA's), (72, 39129), (86, 39033), (90, 39000), (94, 38982), (102, 38946), (109, 38916),

Gene: Procrass1_30 Start: 21331, Stop: 20660, Start Num: 12
Candidate Starts for Procrass1_30:
(Start: 12 @21331 has 45 MA's), (Start: 45 @21118 has 2 MA's), (Start: 51 @21079 has 4 MA's), (63, 20986), (66, 20977), (72, 20926), (92, 20791), (100, 20749), (112, 20692), (116, 20671),

Gene: Provolone_41 Start: 29256, Stop: 29921, Start Num: 6
Candidate Starts for Provolone_41:
(Start: 6 @29256 has 40 MA's), (Start: 8 @29271 has 629 MA's), (Start: 51 @29499 has 4 MA's), (59, 29556), (60, 29562), (62, 29583), (63, 29592), (72, 29652), (73, 29655), (75, 29664), (83, 29727), (86, 29748), (101, 29829), (106, 29850),

Gene: Prudy_58 Start: 39455, Stop: 38916, Start Num: 20
Candidate Starts for Prudy_58:
(Start: 20 @39455 has 32 MA's), (29, 39419), (Start: 36 @39401 has 23 MA's), (Start: 40 @39374 has 29 MA's), (Start: 45 @39344 has 2 MA's), (59, 39266), (60, 39260), (66, 39221), (68, 39200), (81, 39119), (86, 39074), (90, 39041), (94, 39023), (102, 38987),

Gene: Puginator_42 Start: 29667, Stop: 30329, Start Num: 5
Candidate Starts for Puginator_42:
(Start: 5 @29667 has 33 MA's), (14, 29715), (16, 29730), (18, 29751), (27, 29808), (Start: 42 @29868 has 5 MA's), (62, 29997), (81, 30117), (83, 30141), (113, 30297), (115, 30309),

Gene: Pukovnik_57 Start: 39434, Stop: 38976, Start Num: 40
Candidate Starts for Pukovnik_57:
(Start: 8 @39608 has 629 MA's), (Start: 20 @39515 has 32 MA's), (Start: 36 @39461 has 23 MA's), (Start: 40 @39434 has 29 MA's), (Start: 43 @39419 has 1 MA's), (Start: 45 @39404 has 2 MA's), (Start: 50 @39374 has 1 MA's), (59, 39326), (60, 39320), (68, 39260), (81, 39179), (86, 39134), (90, 39101), (94, 39083), (102, 39047), (109, 39017),

Gene: Pumbaa_55 Start: 38084, Stop: 37425, Start Num: 8
Candidate Starts for Pumbaa_55:
(Start: 8 @38084 has 629 MA's), (Start: 20 @37991 has 32 MA's), (Start: 24 @37973 has 1 MA's), (Start: 32 @37937 has 2 MA's), (Start: 36 @37925 has 23 MA's), (Start: 40 @37898 has 29 MA's), (Start: 43 @37883 has 1 MA's), (59, 37778), (78, 37652), (79, 37646), (81, 37631), (82, 37616), (94, 37535), (100, 37508), (102, 37499), (117, 37433),

Gene: Puppet_55 Start: 39559, Stop: 39038, Start Num: 28
Candidate Starts for Puppet_55:
(Start: 28 @39559 has 135 MA's), (Start: 36 @39535 has 23 MA's), (Start: 40 @39508 has 29 MA's), (Start: 42 @39496 has 5 MA's), (Start: 50 @39448 has 1 MA's), (66, 39349), (72, 39298), (86, 39202), (87, 39199), (90, 39169), (94, 39151), (95, 39148), (102, 39115), (109, 39085), (110, 39082),

Gene: Puppy_59 Start: 38168, Stop: 37509, Start Num: 8
Candidate Starts for Puppy_59:
(Start: 8 @38168 has 629 MA's), (Start: 20 @38075 has 32 MA's), (Start: 32 @38021 has 2 MA's), (Start: 36 @38009 has 23 MA's), (Start: 40 @37982 has 29 MA's), (Start: 43 @37967 has 1 MA's), (Start: 51 @37919 has 4 MA's), (59, 37862), (67, 37814), (78, 37736), (81, 37715), (82, 37700), (94, 37619), (102, 37583), (107, 37565), (117, 37517),

Gene: PurpleHaze_62 Start: 38783, Stop: 38124, Start Num: 8
Candidate Starts for PurpleHaze_62:
(Start: 8 @38783 has 629 MA's), (Start: 20 @38690 has 32 MA's), (Start: 32 @38636 has 2 MA's), (Start: 36 @38624 has 23 MA's), (Start: 40 @38597 has 29 MA's), (59, 38477), (75, 38369), (78, 38351), (79, 38345), (90, 38252), (94, 38234), (102, 38198), (107, 38180), (109, 38168),

Gene: QTRlifeCrisis_54 Start: 39511, Stop: 38990, Start Num: 28
Candidate Starts for QTRlifeCrisis_54:
(Start: 28 @39511 has 135 MA's), (Start: 36 @39487 has 23 MA's), (Start: 40 @39460 has 29 MA's), (Start: 42 @39448 has 5 MA's), (Start: 50 @39400 has 1 MA's), (66, 39301), (72, 39250), (86, 39154), (87, 39151), (90, 39121), (94, 39103), (102, 39067), (109, 39037),

Gene: Qobbit_59 Start: 38766, Stop: 38254, Start Num: 25
Candidate Starts for Qobbit_59:
(Start: 8 @38883 has 629 MA's), (Start: 20 @38790 has 32 MA's), (Start: 25 @38766 has 5 MA's), (Start: 36 @38742 has 23 MA's), (Start: 40 @38715 has 29 MA's), (Start: 43 @38700 has 1 MA's), (59, 38604), (60, 38598), (66, 38559), (68, 38538), (79, 38472), (86, 38412), (90, 38379), (102, 38325),

Gene: QueenB2_58 Start: 39087, Stop: 38455, Start Num: 8
Candidate Starts for QueenB2_58:

(Start: 8 @39087 has 629 MA's), (Start: 20 @38994 has 32 MA's), (29, 38958), (Start: 36 @38940 has 23 MA's), (Start: 45 @38883 has 2 MA's), (60, 38799), (68, 38739), (78, 38679), (86, 38613), (90, 38580), (102, 38526),

Gene: QueenBeesly_59 Start: 39056, Stop: 38424, Start Num: 8
Candidate Starts for QueenBeesly_59:
(Start: 8 @39056 has 629 MA's), (Start: 20 @38963 has 32 MA's), (Start: 36 @38909 has 23 MA's), (Start: 45 @38852 has 2 MA's), (68, 38708), (78, 38648), (86, 38582), (90, 38549), (94, 38531), (102, 38495),

Gene: QueenBey_30 Start: 21314, Stop: 20643, Start Num: 12
Candidate Starts for QueenBey_30:
(Start: 12 @21314 has 45 MA's), (Start: 45 @21101 has 2 MA's), (Start: 51 @21062 has 4 MA's), (63, 20969), (66, 20960), (68, 20939), (72, 20909), (92, 20774), (100, 20732), (112, 20675), (116, 20654),

Gene: QuinnKiro_56 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for QuinnKiro_56:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: Quokka_58 Start: 38151, Stop: 37627, Start Num: 23
Candidate Starts for Quokka_58:
(Start: 8 @38259 has 629 MA's), (Start: 20 @38166 has 32 MA's), (Start: 23 @38151 has 2 MA's), (Start: 36 @38112 has 23 MA's), (Start: 40 @38085 has 29 MA's), (Start: 45 @38055 has 2 MA's), (59, 37977), (66, 37932), (68, 37911), (81, 37830), (86, 37785), (90, 37752), (94, 37734), (102, 37698),

Gene: R4_40 Start: 29375, Stop: 30037, Start Num: 5
Candidate Starts for R4_40:
(Start: 5 @29375 has 33 MA's), (14, 29423), (21, 29486), (27, 29516), (Start: 42 @29576 has 5 MA's), (Start: 51 @29621 has 4 MA's), (62, 29705), (63, 29714), (81, 29825), (83, 29849), (106, 29969), (108, 29984), (113, 30005),

Gene: RER2_41 Start: 31966, Stop: 31493, Start Num: 40
Candidate Starts for RER2_41:
(Start: 8 @32152 has 629 MA's), (Start: 25 @32029 has 5 MA's), (Start: 36 @31993 has 23 MA's), (Start: 40 @31966 has 29 MA's), (Start: 45 @31936 has 2 MA's), (Start: 50 @31906 has 1 MA's), (Start: 51 @31903 has 4 MA's), (52, 31897), (59, 31846), (66, 31801), (68, 31780), (78, 31720), (79, 31714), (107, 31549), (110, 31534),

Gene: RGL3_42 Start: 32920, Stop: 32447, Start Num: 40
Candidate Starts for RGL3_42:
(Start: 8 @33106 has 629 MA's), (Start: 25 @32983 has 5 MA's), (Start: 36 @32947 has 23 MA's), (Start: 40 @32920 has 29 MA's), (Start: 43 @32905 has 1 MA's), (52, 32851), (59, 32800), (60, 32794), (66, 32755), (68, 32734), (73, 32701), (75, 32692), (78, 32674), (79, 32668), (86, 32608),

Gene: Rachaly_58 Start: 39355, Stop: 38723, Start Num: 8
Candidate Starts for Rachaly_58:
(Start: 8 @39355 has 629 MA's), (Start: 20 @39262 has 32 MA's), (Start: 36 @39208 has 23 MA's), (Start: 40 @39181 has 29 MA's), (59, 39073), (60, 39067), (68, 39007), (81, 38926), (86, 38881), (90, 38848), (94, 38830), (102, 38794),

Gene: Rahalelujah_59 Start: 38624, Stop: 37998, Start Num: 8
Candidate Starts for Rahalelujah_59:
(Start: 8 @38624 has 629 MA's), (Start: 15 @38588 has 1 MA's), (Start: 20 @38531 has 32 MA's), (Start: 36 @38483 has 23 MA's), (Start: 40 @38456 has 29 MA's), (Start: 42 @38444 has 5 MA's), (Start: 45 @38426 has 2 MA's), (59, 38348), (68, 38282), (75, 38240), (78, 38222), (81, 38201), (86, 38156), (90, 38123), (102, 38069),

Gene: Raid_54 Start: 38929, Stop: 38285, Start Num: 11
Candidate Starts for Raid_54:
(Start: 11 @38929 has 29 MA's), (Start: 28 @38806 has 135 MA's), (Start: 40 @38755 has 29 MA's), (Start: 42 @38743 has 5 MA's), (57, 38662), (62, 38614), (67, 38593), (68, 38575), (78, 38515), (86, 38449), (90, 38416), (94, 38398), (102, 38362), (109, 38332),

Gene: Rajelicia_55 Start: 40207, Stop: 39563, Start Num: 11
Candidate Starts for Rajelicia_55:
(Start: 11 @40207 has 29 MA's), (Start: 28 @40084 has 135 MA's), (Start: 40 @40033 has 29 MA's), (Start: 42 @40021 has 5 MA's), (62, 39892), (67, 39871), (86, 39727), (90, 39694), (94, 39676), (102, 39640), (109, 39610),

Gene: Rana_40 Start: 28695, Stop: 29360, Start Num: 6
Candidate Starts for Rana_40:
(Start: 6 @28695 has 40 MA's), (Start: 8 @28710 has 629 MA's), (Start: 10 @28713 has 1 MA's), (Start: 36 @28854 has 23 MA's), (Start: 51 @28938 has 4 MA's), (59, 28995), (60, 29001), (62, 29022), (72, 29091), (73, 29094), (75, 29103), (77, 29112), (78, 29121), (83, 29166), (86, 29187), (101, 29268), (106, 29289), (115, 29337),

Gene: Rasputin_48 Start: 35250, Stop: 34591, Start Num: 8
Candidate Starts for Rasputin_48:
(Start: 8 @35250 has 629 MA's), (Start: 25 @35127 has 5 MA's), (Start: 36 @35091 has 23 MA's), (Start: 40 @35064 has 29 MA's), (Start: 45 @35034 has 2 MA's), (Start: 50 @35004 has 1 MA's), (Start: 51 @35001 has 4 MA's), (52, 34995), (59, 34944), (66, 34899), (68, 34878), (78, 34818), (79, 34812), (107, 34647), (110, 34632),

Gene: Ravana_68 Start: 39605, Stop: 38973, Start Num: 8
Candidate Starts for Ravana_68:
(Start: 8 @39605 has 629 MA's), (Start: 12 @39587 has 45 MA's), (Start: 20 @39512 has 32 MA's), (Start: 40 @39434 has 29 MA's), (Start: 43 @39419 has 1 MA's), (Start: 45 @39404 has 2 MA's), (65, 39284), (66, 39281), (77, 39209), (81, 39179), (90, 39101), (102, 39047),

Gene: ReMo_64 Start: 38278, Stop: 37646, Start Num: 8
Candidate Starts for ReMo_64:
(Start: 8 @38278 has 629 MA's), (Start: 12 @38260 has 45 MA's), (Start: 20 @38185 has 32 MA's), (Start: 40 @38107 has 29 MA's), (Start: 43 @38092 has 1 MA's), (Start: 45 @38077 has 2 MA's), (65, 37957), (66, 37954), (77, 37882), (81, 37852), (90, 37774), (94, 37756), (102, 37720),

Gene: Reba_62 Start: 38443, Stop: 37784, Start Num: 8
Candidate Starts for Reba_62:
(Start: 8 @38443 has 629 MA's), (Start: 20 @38350 has 32 MA's), (Start: 32 @38296 has 2 MA's), (Start: 36 @38284 has 23 MA's), (Start: 40 @38257 has 29 MA's), (59, 38137), (75, 38029), (78, 38011), (79, 38005), (90, 37912), (94, 37894), (102, 37858), (107, 37840), (109, 37828),

Gene: Rebeuca_56 Start: 38420, Stop: 37761, Start Num: 8
Candidate Starts for Rebeuca_56:

(Start: 8 @38420 has 629 MA's), (Start: 20 @38327 has 32 MA's), (Start: 36 @38261 has 23 MA's), (Start: 40 @38234 has 29 MA's), (Start: 51 @38171 has 4 MA's), (59, 38114), (67, 38066), (75, 38006), (78, 37988), (81, 37967), (82, 37952), (100, 37844), (102, 37835), (107, 37817), (109, 37805), (117, 37769),

Gene: RedBear_40 Start: 28378, Stop: 29028, Start Num: 8
Candidate Starts for RedBear_40:
(Start: 6 @28363 has 40 MA's), (Start: 8 @28378 has 629 MA's), (Start: 10 @28381 has 1 MA's), (Start: 51 @28606 has 4 MA's), (59, 28663), (60, 28669), (62, 28690), (63, 28699), (72, 28759), (75, 28771), (77, 28780), (78, 28789), (83, 28834), (86, 28855), (101, 28936), (106, 28957), (115, 29005),

Gene: RedRock_61 Start: 39741, Stop: 39313, Start Num: 45
Candidate Starts for RedRock_61:
(Start: 8 @39945 has 629 MA's), (Start: 20 @39852 has 32 MA's), (29, 39816), (Start: 36 @39798 has 23 MA's), (Start: 45 @39741 has 2 MA's), (59, 39663), (60, 39657), (66, 39618), (68, 39597), (81, 39516), (86, 39471), (90, 39438), (94, 39420), (102, 39384),

Gene: Refuge_57 Start: 40195, Stop: 39569, Start Num: 8
Candidate Starts for Refuge_57:
(Start: 8 @40195 has 629 MA's), (Start: 20 @40102 has 32 MA's), (Start: 36 @40054 has 23 MA's), (Start: 40 @40027 has 29 MA's), (Start: 50 @39967 has 1 MA's), (59, 39919), (60, 39913), (68, 39853), (78, 39793), (79, 39787), (86, 39727), (90, 39694), (94, 39676), (102, 39640),

Gene: Relief_54 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Relief_54:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Remus_66 Start: 38284, Stop: 37652, Start Num: 8
Candidate Starts for Remus_66:
(Start: 8 @38284 has 629 MA's), (Start: 12 @38266 has 45 MA's), (Start: 20 @38191 has 32 MA's), (Start: 40 @38113 has 29 MA's), (Start: 43 @38098 has 1 MA's), (Start: 45 @38083 has 2 MA's), (65, 37963), (66, 37960), (77, 37888), (81, 37858), (90, 37780), (102, 37726),

Gene: ResDef_57 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for ResDef_57:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: RetrieverFever_57 Start: 30569, Stop: 29937, Start Num: 8
Candidate Starts for RetrieverFever_57:
(Start: 8 @30569 has 629 MA's), (Start: 12 @30551 has 45 MA's), (14, 30539), (Start: 45 @30371 has 2 MA's), (48, 30347), (66, 30245), (78, 30164), (86, 30098), (95, 30044), (96, 30041),

Gene: Retro23_60 Start: 39301, Stop: 38669, Start Num: 8
Candidate Starts for Retro23_60:
(Start: 8 @39301 has 629 MA's), (Start: 20 @39208 has 32 MA's), (Start: 36 @39154 has 23 MA's), (Start: 45 @39097 has 2 MA's), (60, 39013), (68, 38953), (78, 38893), (86, 38827), (90, 38794), (102, 38740),

Gene: RexFury_47 Start: 35311, Stop: 34652, Start Num: 8
Candidate Starts for RexFury_47:
(Start: 8 @35311 has 629 MA's), (Start: 25 @35188 has 5 MA's), (Start: 36 @35152 has 23 MA's), (Start: 40 @35125 has 29 MA's), (Start: 45 @35095 has 2 MA's), (Start: 50 @35065 has 1 MA's), (Start: 51 @35062 has 4 MA's), (52, 35056), (59, 35005), (66, 34960), (68, 34939), (78, 34879), (79, 34873), (107, 34708), (110, 34693),

Gene: Rhodalysa_48 Start: 35031, Stop: 34621, Start Num: 51
Candidate Starts for Rhodalysa_48:
(Start: 8 @35280 has 629 MA's), (Start: 25 @35157 has 5 MA's), (Start: 36 @35121 has 23 MA's), (Start: 40 @35094 has 29 MA's), (Start: 45 @35064 has 2 MA's), (Start: 50 @35034 has 1 MA's), (Start: 51 @35031 has 4 MA's), (52, 35025), (59, 34974), (66, 34929), (68, 34908), (78, 34848), (79, 34842), (107, 34677), (110, 34662),

Gene: RhynO_56 Start: 38222, Stop: 37563, Start Num: 8
Candidate Starts for RhynO_56:
(Start: 8 @38222 has 629 MA's), (Start: 20 @38129 has 32 MA's), (Start: 36 @38063 has 23 MA's), (Start: 40 @38036 has 29 MA's), (Start: 51 @37973 has 4 MA's), (59, 37916), (67, 37868), (78, 37790), (79, 37784), (81, 37769), (82, 37754), (100, 37646), (102, 37637), (107, 37619), (109, 37607), (117, 37571),

Gene: Rhynn_53 Start: 38251, Stop: 37730, Start Num: 28
Candidate Starts for Rhynn_53:
(Start: 28 @38251 has 135 MA's), (Start: 36 @38227 has 23 MA's), (Start: 40 @38200 has 29 MA's), (Start: 42 @38188 has 5 MA's), (Start: 50 @38140 has 1 MA's), (72, 37990), (86, 37894), (90, 37861), (94, 37843), (102, 37807), (109, 37777),

Gene: Rideau_62 Start: 31136, Stop: 30504, Start Num: 8
Candidate Starts for Rideau_62:
(Start: 8 @31136 has 629 MA's), (Start: 12 @31118 has 45 MA's), (14, 31106), (Start: 45 @30938 has 2 MA's), (48, 30914), (58, 30875), (66, 30812), (78, 30731), (86, 30665),

Gene: RidgeCB_54 Start: 39408, Stop: 38827, Start Num: 19
Candidate Starts for RidgeCB_54:
(Start: 19 @39408 has 39 MA's), (Start: 28 @39351 has 135 MA's), (Start: 36 @39327 has 23 MA's), (Start: 40 @39300 has 29 MA's), (Start: 42 @39288 has 5 MA's), (Start: 50 @39240 has 1 MA's), (66, 39141), (72, 39090), (86, 38994), (90, 38961), (94, 38943), (102, 38907), (109, 38874), (110, 38871),

Gene: Rifter_61 Start: 37329, Stop: 36697, Start Num: 8
Candidate Starts for Rifter_61:
(Start: 8 @37329 has 629 MA's), (Start: 20 @37236 has 32 MA's), (Start: 36 @37182 has 23 MA's), (Start: 45 @37125 has 2 MA's), (60, 37041), (68, 36981), (86, 36855), (90, 36822), (94, 36804), (102, 36768), (109, 36738), (110, 36735),

Gene: Rileysaurus_30 Start: 21416, Stop: 20691, Start Num: 4
Candidate Starts for Rileysaurus_30:
(Start: 4 @21416 has 1 MA's), (Start: 12 @21362 has 45 MA's), (Start: 45 @21149 has 2 MA's), (Start: 51 @21110 has 4 MA's), (63, 21017), (66, 21008), (68, 20987), (72, 20957), (92, 20822), (100, 20780), (105, 20759), (112, 20723), (116, 20702),

Gene: Ringer_55 Start: 40401, Stop: 39880, Start Num: 28
Candidate Starts for Ringer_55:

(Start: 11 @40524 has 29 MA's), (Start: 28 @40401 has 135 MA's), (Start: 40 @40350 has 29 MA's), (Start: 42 @40338 has 5 MA's), (57, 40257), (62, 40209), (67, 40188), (68, 40170), (78, 40110), (86, 40044), (90, 40011), (94, 39993), (102, 39957), (109, 39927),

Gene: Roary_60 Start: 38199, Stop: 37546, Start Num: 8
Candidate Starts for Roary_60:
(Start: 8 @38199 has 629 MA's), (Start: 20 @38106 has 32 MA's), (Start: 32 @38046 has 2 MA's), (Start: 36 @38034 has 23 MA's), (Start: 40 @38007 has 29 MA's), (49, 37950), (59, 37899), (60, 37893), (81, 37752), (82, 37737), (86, 37707), (90, 37674), (107, 37602), (108, 37593), (110, 37587), (115, 37563),

Gene: RockieBear_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for RockieBear_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Rocksand_55 Start: 38024, Stop: 37476, Start Num: 24
Candidate Starts for Rocksand_55:
(Start: 8 @38135 has 629 MA's), (Start: 20 @38042 has 32 MA's), (Start: 24 @38024 has 1 MA's), (Start: 32 @37988 has 2 MA's), (Start: 36 @37976 has 23 MA's), (Start: 40 @37949 has 29 MA's), (Start: 43 @37934 has 1 MA's), (59, 37829), (78, 37703), (79, 37697), (81, 37682), (82, 37667), (94, 37586), (100, 37559), (102, 37550), (117, 37484),

Gene: Rockstar_57 Start: 38019, Stop: 37357, Start Num: 8
Candidate Starts for Rockstar_57:
(Start: 8 @38019 has 629 MA's), (Start: 20 @37926 has 32 MA's), (Start: 32 @37872 has 2 MA's), (Start: 36 @37860 has 23 MA's), (Start: 40 @37833 has 29 MA's), (Start: 43 @37818 has 1 MA's), (Start: 51 @37770 has 4 MA's), (59, 37713), (67, 37665), (75, 37605), (78, 37587), (79, 37581), (81, 37566), (82, 37551), (86, 37521), (94, 37470), (102, 37434), (107, 37416), (117, 37368),

Gene: Rohr_56 Start: 39419, Stop: 38772, Start Num: 11
Candidate Starts for Rohr_56:
(Start: 11 @39419 has 29 MA's), (Start: 28 @39296 has 135 MA's), (Start: 40 @39245 has 29 MA's), (Start: 42 @39233 has 5 MA's), (57, 39152), (62, 39104), (67, 39083), (68, 39065), (86, 38939), (90, 38906), (94, 38888), (102, 38852), (109, 38819), (110, 38816),

Gene: Roimos_58 Start: 38372, Stop: 37710, Start Num: 8
Candidate Starts for Roimos_58:
(Start: 8 @38372 has 629 MA's), (Start: 20 @38279 has 32 MA's), (Start: 32 @38225 has 2 MA's), (Start: 36 @38213 has 23 MA's), (Start: 40 @38186 has 29 MA's), (Start: 43 @38171 has 1 MA's), (Start: 51 @38123 has 4 MA's), (59, 38066), (67, 38018), (75, 37958), (79, 37934), (81, 37919), (82, 37904), (86, 37874), (94, 37823), (102, 37787), (107, 37769), (117, 37721),

Gene: Roksolana_62 Start: 38163, Stop: 37531, Start Num: 8
Candidate Starts for Roksolana_62:
(Start: 8 @38163 has 629 MA's), (Start: 20 @38070 has 32 MA's), (Start: 36 @38016 has 23 MA's), (Start: 45 @37959 has 2 MA's), (60, 37875), (68, 37815), (86, 37689), (90, 37656), (94, 37638), (102, 37602), (107, 37584), (109, 37572), (110, 37569),

Gene: Romero_58 Start: 30968, Stop: 30336, Start Num: 8
Candidate Starts for Romero_58:

(Start: 8 @30968 has 629 MA's), (Start: 12 @30950 has 45 MA's), (14, 30938), (21, 30878), (Start: 45 @30770 has 2 MA's), (46, 30752), (48, 30746), (63, 30653), (79, 30557), (86, 30497),

Gene: Romney_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Romney_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Roosevelt_54 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Roosevelt_54:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Rosa24_54 Start: 38167, Stop: 37508, Start Num: 8
Candidate Starts for Rosa24_54:
(Start: 8 @38167 has 629 MA's), (Start: 20 @38074 has 32 MA's), (Start: 24 @38056 has 1 MA's), (Start: 32 @38020 has 2 MA's), (Start: 36 @38008 has 23 MA's), (Start: 40 @37981 has 29 MA's), (Start: 43 @37966 has 1 MA's), (59, 37861), (78, 37735), (79, 37729), (81, 37714), (82, 37699), (94, 37618), (100, 37591), (102, 37582), (117, 37516),

Gene: Rosalind_64 Start: 38436, Stop: 37804, Start Num: 8
Candidate Starts for Rosalind_64:
(Start: 8 @38436 has 629 MA's), (Start: 12 @38418 has 45 MA's), (Start: 20 @38343 has 32 MA's), (Start: 40 @38265 has 29 MA's), (Start: 43 @38250 has 1 MA's), (Start: 45 @38235 has 2 MA's), (65, 38115), (66, 38112), (77, 38040), (81, 38010), (90, 37932), (102, 37878),

Gene: RosePharie_58 Start: 30792, Stop: 30160, Start Num: 8
Candidate Starts for RosePharie_58:
(Start: 8 @30792 has 629 MA's), (Start: 12 @30774 has 45 MA's), (14, 30762), (Start: 45 @30594 has 2 MA's), (48, 30570), (53, 30555), (66, 30468), (78, 30387), (86, 30321), (95, 30267), (96, 30264),

Gene: Rowdy_59 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for Rowdy_59:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 51 @37884 has 4 MA's), (59, 37827), (67, 37779), (75, 37719), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (100, 37557), (102, 37548), (107, 37530), (109, 37518), (117, 37482),

Gene: Rubeus_55 Start: 37291, Stop: 36713, Start Num: 19
Candidate Starts for Rubeus_55:
(Start: 19 @37291 has 39 MA's), (Start: 28 @37234 has 135 MA's), (Start: 36 @37210 has 23 MA's), (Start: 40 @37183 has 29 MA's), (Start: 42 @37171 has 5 MA's), (Start: 50 @37123 has 1 MA's), (72, 36973), (86, 36877), (87, 36874), (90, 36844), (94, 36826), (102, 36790), (109, 36760),

Gene: Rufus_56 Start: 38896, Stop: 38318, Start Num: 19
Candidate Starts for Rufus_56:
(Start: 19 @38896 has 39 MA's), (Start: 28 @38839 has 135 MA's), (Start: 36 @38815 has 23 MA's), (Start: 40 @38788 has 29 MA's), (Start: 42 @38776 has 5 MA's), (Start: 50 @38728 has 1 MA's), (72, 38578), (86, 38482), (87, 38479), (90, 38449), (94, 38431), (102, 38395), (109, 38365),

Gene: Ruin_55 Start: 38132, Stop: 37473, Start Num: 8
Candidate Starts for Ruin_55:
(Start: 8 @38132 has 629 MA's), (Start: 20 @38039 has 32 MA's), (Start: 24 @38021 has 1 MA's), (Start: 32 @37985 has 2 MA's), (Start: 36 @37973 has 23 MA's), (Start: 40 @37946 has 29 MA's), (Start: 43 @37931 has 1 MA's), (59, 37826), (78, 37700), (79, 37694), (81, 37679), (82, 37664), (94, 37583), (100, 37556), (102, 37547), (117, 37481),

Gene: Rummer_61 Start: 38926, Stop: 38267, Start Num: 8
Candidate Starts for Rummer_61:
(Start: 8 @38926 has 629 MA's), (Start: 20 @38833 has 32 MA's), (Start: 32 @38779 has 2 MA's), (Start: 36 @38767 has 23 MA's), (Start: 40 @38740 has 29 MA's), (59, 38620), (75, 38512), (78, 38494), (79, 38488), (94, 38377), (102, 38341), (107, 38323), (109, 38311),

Gene: RunningOnE_36 Start: 17845, Stop: 17144, Start Num: 10
Candidate Starts for RunningOnE_36:
(Start: 10 @17845 has 1 MA's), (Start: 13 @17824 has 1 MA's), (Start: 23 @17740 has 2 MA's), (47, 17578), (56, 17539), (68, 17440), (74, 17404), (80, 17365), (92, 17275), (94, 17263), (118, 17155),

Gene: Rusticus_40 Start: 28336, Stop: 28842, Start Num: 36
Candidate Starts for Rusticus_40:
(Start: 6 @28177 has 40 MA's), (Start: 8 @28192 has 629 MA's), (Start: 10 @28195 has 1 MA's), (Start: 36 @28336 has 23 MA's), (Start: 51 @28420 has 4 MA's), (59, 28477), (60, 28483), (62, 28504), (63, 28513), (70, 28549), (72, 28573), (75, 28585), (76, 28588), (77, 28594), (78, 28603), (83, 28648), (86, 28669), (101, 28750), (106, 28771), (115, 28819),

Gene: Rutherferd_56 Start: 39470, Stop: 38946, Start Num: 28
Candidate Starts for Rutherferd_56:
(Start: 28 @39470 has 135 MA's), (Start: 36 @39446 has 23 MA's), (Start: 40 @39419 has 29 MA's), (Start: 42 @39407 has 5 MA's), (Start: 50 @39359 has 1 MA's), (66, 39260), (72, 39209), (86, 39113), (90, 39080), (94, 39062), (102, 39026), (109, 38993), (110, 38990),

Gene: RyeScarlet_59 Start: 38926, Stop: 38297, Start Num: 8
Candidate Starts for RyeScarlet_59:
(Start: 8 @38926 has 629 MA's), (Start: 20 @38833 has 32 MA's), (Start: 25 @38809 has 5 MA's), (Start: 36 @38785 has 23 MA's), (Start: 40 @38758 has 29 MA's), (Start: 43 @38743 has 1 MA's), (59, 38647), (60, 38641), (66, 38602), (68, 38581), (79, 38515), (86, 38455), (90, 38422), (102, 38368), (109, 38338),

Gene: SKKY_30 Start: 21113, Stop: 20442, Start Num: 12
Candidate Starts for SKKY_30:
(Start: 12 @21113 has 45 MA's), (Start: 45 @20900 has 2 MA's), (Start: 51 @20861 has 4 MA's), (59, 20804), (63, 20768), (66, 20759), (72, 20708), (92, 20573), (100, 20531), (112, 20474), (116, 20453),

Gene: STLscum_57 Start: 40106, Stop: 39585, Start Num: 28
Candidate Starts for STLscum_57:
(Start: 28 @40106 has 135 MA's), (Start: 36 @40082 has 23 MA's), (Start: 40 @40055 has 29 MA's), (Start: 42 @40043 has 5 MA's), (Start: 50 @39995 has 1 MA's), (72, 39845), (86, 39749), (90, 39716), (94, 39698), (102, 39662), (109, 39632),

Gene: Sabertooth_55 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Sabertooth_55:

(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Sabia_62 Start: 38907, Stop: 38248, Start Num: 8
Candidate Starts for Sabia_62:
(Start: 8 @38907 has 629 MA's), (Start: 20 @38814 has 32 MA's), (Start: 32 @38760 has 2 MA's), (Start: 36 @38748 has 23 MA's), (Start: 40 @38721 has 29 MA's), (59, 38601), (75, 38493), (78, 38475), (79, 38469), (94, 38358), (102, 38322), (107, 38304), (109, 38292),

Gene: Sabinator_61 Start: 38897, Stop: 38238, Start Num: 8
Candidate Starts for Sabinator_61:
(Start: 8 @38897 has 629 MA's), (Start: 20 @38804 has 32 MA's), (Start: 32 @38750 has 2 MA's), (Start: 36 @38738 has 23 MA's), (Start: 40 @38711 has 29 MA's), (59, 38591), (75, 38483), (78, 38465), (79, 38459), (94, 38348), (102, 38312), (107, 38294), (109, 38282),

Gene: Sachima_59 Start: 38836, Stop: 38207, Start Num: 8
Candidate Starts for Sachima_59:
(Start: 8 @38836 has 629 MA's), (Start: 20 @38743 has 32 MA's), (Start: 25 @38719 has 5 MA's), (Start: 36 @38695 has 23 MA's), (Start: 40 @38668 has 29 MA's), (Start: 43 @38653 has 1 MA's), (59, 38557), (60, 38551), (66, 38512), (68, 38491), (86, 38365), (90, 38332), (102, 38278), (109, 38248),

Gene: Saftant_40 Start: 29828, Stop: 30493, Start Num: 6
Candidate Starts for Saftant_40:
(Start: 6 @29828 has 40 MA's), (Start: 8 @29843 has 629 MA's), (Start: 51 @30071 has 4 MA's), (59, 30128), (60, 30134), (62, 30155), (63, 30164), (72, 30224), (73, 30227), (75, 30236), (83, 30299), (106, 30422), (115, 30470),

Gene: Sagefire_57 Start: 40104, Stop: 39526, Start Num: 19
Candidate Starts for Sagefire_57:
(Start: 19 @40104 has 39 MA's), (Start: 28 @40047 has 135 MA's), (Start: 36 @40023 has 23 MA's), (Start: 40 @39996 has 29 MA's), (Start: 42 @39984 has 5 MA's), (Start: 50 @39936 has 1 MA's), (87, 39687), (90, 39657), (94, 39639), (102, 39603), (109, 39573),

Gene: Saintus_54 Start: 34867, Stop: 34214, Start Num: 8
Candidate Starts for Saintus_54:
(Start: 8 @34867 has 629 MA's), (Start: 20 @34774 has 32 MA's), (Start: 32 @34714 has 2 MA's), (Start: 36 @34702 has 23 MA's), (Start: 40 @34675 has 29 MA's), (49, 34618), (59, 34567), (60, 34561), (81, 34420), (82, 34405), (86, 34375), (90, 34342), (107, 34270), (108, 34261), (110, 34255), (115, 34231),

Gene: Salz_58 Start: 38179, Stop: 37532, Start Num: 8
Candidate Starts for Salz_58:
(Start: 8 @38179 has 629 MA's), (Start: 20 @38086 has 32 MA's), (Start: 36 @38032 has 23 MA's), (Start: 40 @38005 has 29 MA's), (Start: 45 @37975 has 2 MA's), (60, 37879), (68, 37819), (79, 37753), (81, 37738), (86, 37693), (89, 37684), (90, 37660), (102, 37606), (110, 37573),

Gene: Sandaddy_53 Start: 38800, Stop: 38279, Start Num: 28
Candidate Starts for Sandaddy_53:
(Start: 28 @38800 has 135 MA's), (Start: 36 @38776 has 23 MA's), (Start: 40 @38749 has 29 MA's), (Start: 42 @38737 has 5 MA's), (Start: 50 @38689 has 1 MA's), (72, 38539), (86, 38443), (87, 38440), (90, 38410), (94, 38392), (102, 38356), (109, 38326),

Gene: Sanya_53 Start: 39090, Stop: 38569, Start Num: 28
Candidate Starts for Sanya_53:
(Start: 28 @39090 has 135 MA's), (Start: 36 @39066 has 23 MA's), (Start: 40 @39039 has 29 MA's), (Start: 42 @39027 has 5 MA's), (Start: 50 @38979 has 1 MA's), (72, 38829), (86, 38733), (87, 38730), (90, 38700), (94, 38682), (102, 38646), (109, 38616), (112, 38601),

Gene: SarFire_52 Start: 38362, Stop: 37841, Start Num: 28
Candidate Starts for SarFire_52:
(Start: 28 @38362 has 135 MA's), (Start: 36 @38338 has 23 MA's), (Start: 40 @38311 has 29 MA's), (Start: 42 @38299 has 5 MA's), (Start: 50 @38251 has 1 MA's), (72, 38101), (86, 38005), (90, 37972), (94, 37954), (102, 37918), (109, 37888),

Gene: SarahRose_39 Start: 28203, Stop: 28853, Start Num: 8
Candidate Starts for SarahRose_39:
(Start: 6 @28188 has 40 MA's), (Start: 8 @28203 has 629 MA's), (Start: 10 @28206 has 1 MA's), (Start: 36 @28347 has 23 MA's), (Start: 51 @28431 has 4 MA's), (59, 28488), (60, 28494), (62, 28515), (70, 28560), (72, 28584), (75, 28596), (77, 28605), (78, 28614), (83, 28659), (86, 28680), (101, 28761), (106, 28782), (115, 28830),

Gene: Saskia_60 Start: 38207, Stop: 37560, Start Num: 8
Candidate Starts for Saskia_60:
(Start: 8 @38207 has 629 MA's), (Start: 20 @38114 has 32 MA's), (Start: 36 @38060 has 23 MA's), (Start: 40 @38033 has 29 MA's), (Start: 45 @38003 has 2 MA's), (60, 37907), (68, 37847), (79, 37781), (81, 37766), (86, 37721), (89, 37712), (90, 37688), (98, 37658), (102, 37634), (110, 37601),

Gene: SaturnRing_59 Start: 38549, Stop: 37890, Start Num: 8
Candidate Starts for SaturnRing_59:
(Start: 8 @38549 has 629 MA's), (Start: 20 @38456 has 32 MA's), (Start: 32 @38402 has 2 MA's), (Start: 36 @38390 has 23 MA's), (Start: 40 @38363 has 29 MA's), (Start: 43 @38348 has 1 MA's), (Start: 51 @38300 has 4 MA's), (59, 38243), (67, 38195), (78, 38117), (81, 38096), (82, 38081), (94, 38000), (102, 37964), (107, 37946), (117, 37898),

Gene: Scamp_55 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Scamp_55:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (100, 37565), (102, 37556), (117, 37490),

Gene: Scherzo_59 Start: 39023, Stop: 38511, Start Num: 25
Candidate Starts for Scherzo_59:
(Start: 8 @39140 has 629 MA's), (Start: 20 @39047 has 32 MA's), (Start: 25 @39023 has 5 MA's), (Start: 36 @38999 has 23 MA's), (Start: 40 @38972 has 29 MA's), (Start: 43 @38957 has 1 MA's), (59, 38861), (60, 38855), (66, 38816), (68, 38795), (86, 38669), (90, 38636), (102, 38582), (109, 38552),

Gene: Scorpia_58 Start: 38590, Stop: 37928, Start Num: 8
Candidate Starts for Scorpia_58:
(Start: 8 @38590 has 629 MA's), (Start: 20 @38497 has 32 MA's), (Start: 24 @38479 has 1 MA's), (Start: 32 @38437 has 2 MA's), (Start: 36 @38425 has 23 MA's), (Start: 40 @38398 has 29 MA's), (Start: 42 @38386 has 5 MA's), (Start: 43 @38383 has 1 MA's), (68, 38221), (79, 38155), (80, 38146), (82, 38125), (86, 38095), (88, 38089), (90, 38062), (100, 38017), (102, 38008), (107, 37990), (109, 37978), (110, 37975),

Gene: Scout_58 Start: 37703, Stop: 37041, Start Num: 8
Candidate Starts for Scout_58:
(Start: 8 @37703 has 629 MA's), (Start: 20 @37610 has 32 MA's), (Start: 32 @37556 has 2 MA's), (Start: 36 @37544 has 23 MA's), (Start: 40 @37517 has 29 MA's), (Start: 43 @37502 has 1 MA's), (Start: 51 @37454 has 4 MA's), (59, 37397), (67, 37349), (75, 37289), (79, 37265), (81, 37250), (82, 37235), (86, 37205), (94, 37154), (102, 37118), (107, 37100), (117, 37052),

Gene: Scowl_55 Start: 39191, Stop: 38670, Start Num: 28
Candidate Starts for Scowl_55:
(Start: 28 @39191 has 135 MA's), (Start: 36 @39167 has 23 MA's), (Start: 40 @39140 has 29 MA's), (Start: 42 @39128 has 5 MA's), (Start: 50 @39080 has 1 MA's), (72, 38930), (86, 38834), (90, 38801), (94, 38783), (98, 38771), (102, 38747), (109, 38717),

Gene: Seabiscuit_57 Start: 38976, Stop: 38455, Start Num: 28
Candidate Starts for Seabiscuit_57:
(Start: 28 @38976 has 135 MA's), (Start: 36 @38952 has 23 MA's), (Start: 40 @38925 has 29 MA's), (Start: 42 @38913 has 5 MA's), (Start: 50 @38865 has 1 MA's), (66, 38766), (72, 38715), (86, 38619), (90, 38586), (94, 38568), (102, 38532), (109, 38502),

Gene: Seanderson_56 Start: 40628, Stop: 40047, Start Num: 19
Candidate Starts for Seanderson_56:
(Start: 19 @40628 has 39 MA's), (Start: 28 @40571 has 135 MA's), (Start: 36 @40547 has 23 MA's), (Start: 40 @40520 has 29 MA's), (Start: 42 @40508 has 5 MA's), (Start: 50 @40460 has 1 MA's), (66, 40361), (72, 40310), (86, 40214), (90, 40181), (94, 40163), (102, 40127), (109, 40094), (110, 40091),

Gene: SemperFi_60 Start: 39324, Stop: 38692, Start Num: 8
Candidate Starts for SemperFi_60:
(Start: 8 @39324 has 629 MA's), (Start: 20 @39231 has 32 MA's), (Start: 36 @39177 has 23 MA's), (Start: 45 @39120 has 2 MA's), (68, 38976), (78, 38916), (86, 38850), (90, 38817), (94, 38799), (102, 38763),

Gene: SenorClean_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for SenorClean_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Serenity_60 Start: 38472, Stop: 37840, Start Num: 8
Candidate Starts for Serenity_60:
(Start: 8 @38472 has 629 MA's), (Start: 20 @38379 has 32 MA's), (Start: 23 @38364 has 2 MA's), (Start: 36 @38325 has 23 MA's), (Start: 40 @38298 has 29 MA's), (Start: 45 @38268 has 2 MA's), (59, 38190), (68, 38124), (78, 38064), (81, 38043), (86, 37998), (90, 37965), (102, 37911),

Gene: Severus_54 Start: 37273, Stop: 36614, Start Num: 8
Candidate Starts for Severus_54:
(Start: 8 @37273 has 629 MA's), (Start: 20 @37180 has 32 MA's), (Start: 36 @37114 has 23 MA's), (Start: 40 @37087 has 29 MA's), (Start: 51 @37024 has 4 MA's), (59, 36967), (67, 36919), (81, 36820), (82, 36805), (100, 36697), (102, 36688), (109, 36658), (117, 36622),

Gene: Shaka_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Shaka_55:

(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Sham4_59 Start: 38207, Stop: 37560, Start Num: 8
Candidate Starts for Sham4_59:
(Start: 8 @38207 has 629 MA's), (Start: 20 @38114 has 32 MA's), (Start: 36 @38060 has 23 MA's), (Start: 40 @38033 has 29 MA's), (Start: 45 @38003 has 2 MA's), (60, 37907), (68, 37847), (79, 37781), (81, 37766), (86, 37721), (89, 37712), (90, 37688), (102, 37634), (110, 37601),

Gene: Shapes_59 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for Shapes_59:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 51 @37884 has 4 MA's), (59, 37827), (67, 37779), (75, 37719), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (100, 37557), (102, 37548), (107, 37530), (109, 37518), (117, 37482),

Gene: ShayRa_66 Start: 38447, Stop: 37833, Start Num: 12
Candidate Starts for ShayRa_66:
(Start: 8 @38465 has 629 MA's), (Start: 12 @38447 has 45 MA's), (Start: 20 @38372 has 32 MA's), (Start: 40 @38294 has 29 MA's), (Start: 43 @38279 has 1 MA's), (Start: 45 @38264 has 2 MA's), (65, 38144), (66, 38141), (77, 38069), (81, 38039), (90, 37961), (94, 37943), (102, 37907),

Gene: SheaKeira_57 Start: 38561, Stop: 37935, Start Num: 8
Candidate Starts for SheaKeira_57:
(Start: 8 @38561 has 629 MA's), (Start: 20 @38468 has 32 MA's), (Start: 36 @38420 has 23 MA's), (Start: 40 @38393 has 29 MA's), (59, 38285), (60, 38279), (68, 38219), (75, 38177), (81, 38138), (86, 38093), (102, 38006),

Gene: Sheen_57 Start: 40842, Stop: 40195, Start Num: 8
Candidate Starts for Sheen_57:
(Start: 8 @40842 has 629 MA's), (Start: 20 @40749 has 32 MA's), (Start: 23 @40734 has 2 MA's), (Start: 28 @40707 has 135 MA's), (34, 40692), (Start: 40 @40656 has 29 MA's), (Start: 42 @40644 has 5 MA's), (Start: 43 @40641 has 1 MA's), (Start: 51 @40593 has 4 MA's), (59, 40548), (68, 40482), (75, 40440), (79, 40416), (82, 40386), (91, 40320), (100, 40278), (102, 40269), (115, 40212), (117, 40203),

Gene: SheldonCooper_56 Start: 38543, Stop: 37884, Start Num: 8
Candidate Starts for SheldonCooper_56:
(Start: 8 @38543 has 629 MA's), (Start: 20 @38450 has 32 MA's), (Start: 32 @38396 has 2 MA's), (Start: 36 @38384 has 23 MA's), (Start: 40 @38357 has 29 MA's), (Start: 43 @38342 has 1 MA's), (59, 38237), (78, 38111), (81, 38090), (82, 38075), (94, 37994), (100, 37967), (102, 37958), (117, 37892),

Gene: Shep_58 Start: 37453, Stop: 36791, Start Num: 8
Candidate Starts for Shep_58:
(Start: 8 @37453 has 629 MA's), (Start: 20 @37360 has 32 MA's), (Start: 32 @37306 has 2 MA's), (Start: 36 @37294 has 23 MA's), (Start: 40 @37267 has 29 MA's), (Start: 43 @37252 has 1 MA's), (Start: 51 @37204 has 4 MA's), (59, 37147), (67, 37099), (75, 37039), (79, 37015), (81, 37000), (82, 36985), (86, 36955), (94, 36904), (102, 36868), (107, 36850), (117, 36802),

Gene: ShortQueendom_50 Start: 36257, Stop: 35676, Start Num: 19
Candidate Starts for ShortQueendom_50:

(Start: 19 @36257 has 39 MA's), (Start: 28 @36200 has 135 MA's), (Start: 36 @36176 has 23 MA's), (Start: 40 @36149 has 29 MA's), (Start: 42 @36137 has 5 MA's), (Start: 50 @36089 has 1 MA's), (66, 35990), (72, 35939), (86, 35843), (90, 35810), (94, 35792), (102, 35756), (109, 35726), (110, 35723),

Gene: Shuman_48 Start: 35234, Stop: 34575, Start Num: 8
Candidate Starts for Shuman_48:
(Start: 8 @35234 has 629 MA's), (Start: 25 @35111 has 5 MA's), (Start: 36 @35075 has 23 MA's), (Start: 40 @35048 has 29 MA's), (Start: 45 @35018 has 2 MA's), (Start: 50 @34988 has 1 MA's), (Start: 51 @34985 has 4 MA's), (52, 34979), (59, 34928), (66, 34883), (68, 34862), (79, 34796), (107, 34631), (110, 34616),

Gene: Shygu2_54 Start: 38141, Stop: 37482, Start Num: 8
Candidate Starts for Shygu2_54:
(Start: 8 @38141 has 629 MA's), (Start: 20 @38048 has 32 MA's), (Start: 24 @38030 has 1 MA's), (Start: 32 @37994 has 2 MA's), (Start: 36 @37982 has 23 MA's), (Start: 40 @37955 has 29 MA's), (Start: 43 @37940 has 1 MA's), (59, 37835), (78, 37709), (79, 37703), (81, 37688), (82, 37673), (94, 37592), (102, 37556), (117, 37490),

Gene: Sibs6_57 Start: 37930, Stop: 37352, Start Num: 19
Candidate Starts for Sibs6_57:
(Start: 19 @37930 has 39 MA's), (Start: 28 @37873 has 135 MA's), (Start: 36 @37849 has 23 MA's), (Start: 40 @37822 has 29 MA's), (Start: 42 @37810 has 5 MA's), (Start: 50 @37762 has 1 MA's), (72, 37612), (86, 37516), (87, 37513), (90, 37483), (94, 37465), (102, 37429), (109, 37399),

Gene: Skadoosh_56 Start: 38025, Stop: 37477, Start Num: 24
Candidate Starts for Skadoosh_56:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: SkiPole_59 Start: 39713, Stop: 39255, Start Num: 42
Candidate Starts for SkiPole_59:
(Start: 28 @39776 has 135 MA's), (Start: 36 @39752 has 23 MA's), (Start: 40 @39725 has 29 MA's), (Start: 42 @39713 has 5 MA's), (Start: 50 @39665 has 1 MA's), (72, 39515), (86, 39419), (90, 39386), (94, 39368), (102, 39332), (109, 39302),

Gene: Skipitt_54 Start: 38022, Stop: 37474, Start Num: 24
Candidate Starts for Skipitt_54:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 24 @38022 has 1 MA's), (Start: 32 @37986 has 2 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 43 @37932 has 1 MA's), (59, 37827), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (94, 37584), (100, 37557), (102, 37548), (117, 37482),

Gene: Sknot_59 Start: 38754, Stop: 38122, Start Num: 8
Candidate Starts for Sknot_59:
(Start: 8 @38754 has 629 MA's), (Start: 20 @38661 has 32 MA's), (Start: 36 @38607 has 23 MA's), (Start: 45 @38550 has 2 MA's), (55, 38496), (59, 38472), (60, 38466), (68, 38406), (78, 38346), (81, 38325), (86, 38280), (90, 38247), (102, 38193),

Gene: Slagathor_57 Start: 40203, Stop: 39679, Start Num: 28
Candidate Starts for Slagathor_57:

(Start: 11 @40326 has 29 MA's), (Start: 28 @40203 has 135 MA's), (Start: 40 @40152 has 29 MA's), (Start: 42 @40140 has 5 MA's), (62, 40011), (67, 39990), (68, 39972), (86, 39846), (87, 39843), (90, 39813), (94, 39795), (102, 39759), (109, 39726), (110, 39723),

Gene: Smairt_57 Start: 40436, Stop: 39912, Start Num: 28
Candidate Starts for Smairt_57:
(Start: 28 @40436 has 135 MA's), (Start: 36 @40412 has 23 MA's), (Start: 40 @40385 has 29 MA's), (Start: 42 @40373 has 5 MA's), (Start: 50 @40325 has 1 MA's), (66, 40226), (72, 40175), (86, 40079), (90, 40046), (94, 40028), (102, 39992), (109, 39959), (110, 39956),

Gene: Smeadley_59 Start: 38060, Stop: 37407, Start Num: 8
Candidate Starts for Smeadley_59:
(Start: 8 @38060 has 629 MA's), (Start: 20 @37967 has 32 MA's), (Start: 32 @37907 has 2 MA's), (Start: 36 @37895 has 23 MA's), (Start: 40 @37868 has 29 MA's), (49, 37811), (59, 37760), (60, 37754), (81, 37613), (82, 37598), (86, 37568), (90, 37535), (107, 37463), (108, 37454), (110, 37448), (115, 37424),

Gene: Smeagan_62 Start: 39617, Stop: 38985, Start Num: 8
Candidate Starts for Smeagan_62:
(Start: 8 @39617 has 629 MA's), (Start: 20 @39524 has 32 MA's), (Start: 36 @39470 has 23 MA's), (Start: 43 @39428 has 1 MA's), (Start: 45 @39413 has 2 MA's), (60, 39329), (68, 39269), (78, 39209), (86, 39143), (90, 39110), (102, 39056),

Gene: Smeagol_57 Start: 40430, Stop: 39909, Start Num: 28
Candidate Starts for Smeagol_57:
(Start: 28 @40430 has 135 MA's), (Start: 36 @40406 has 23 MA's), (Start: 40 @40379 has 29 MA's), (Start: 42 @40367 has 5 MA's), (Start: 50 @40319 has 1 MA's), (72, 40169), (86, 40073), (90, 40040), (94, 40022), (102, 39986), (109, 39956),

Gene: SmellyB_60 Start: 37718, Stop: 37086, Start Num: 8
Candidate Starts for SmellyB_60:
(Start: 8 @37718 has 629 MA's), (Start: 20 @37625 has 32 MA's), (Start: 36 @37571 has 23 MA's), (Start: 45 @37514 has 2 MA's), (59, 37436), (68, 37370), (81, 37289), (86, 37244), (90, 37211), (94, 37193), (102, 37157), (109, 37127), (110, 37124),

Gene: SnapTap_59 Start: 39135, Stop: 38503, Start Num: 8
Candidate Starts for SnapTap_59:
(Start: 8 @39135 has 629 MA's), (Start: 20 @39042 has 32 MA's), (Start: 36 @38988 has 23 MA's), (Start: 45 @38931 has 2 MA's), (68, 38787), (78, 38727), (86, 38661), (90, 38628), (94, 38610), (102, 38574),

Gene: Snape_59 Start: 38199, Stop: 37552, Start Num: 8
Candidate Starts for Snape_59:
(Start: 8 @38199 has 629 MA's), (Start: 20 @38106 has 32 MA's), (Start: 36 @38052 has 23 MA's), (Start: 40 @38025 has 29 MA's), (Start: 45 @37995 has 2 MA's), (60, 37899), (68, 37839), (79, 37773), (81, 37758), (86, 37713), (89, 37704), (90, 37680), (102, 37626), (110, 37593),

Gene: Snazzy_54 Start: 38809, Stop: 38285, Start Num: 28
Candidate Starts for Snazzy_54:
(Start: 28 @38809 has 135 MA's), (Start: 36 @38785 has 23 MA's), (Start: 40 @38758 has 29 MA's), (Start: 42 @38746 has 5 MA's), (Start: 50 @38698 has 1 MA's), (72, 38548), (86, 38452), (87, 38449), (90, 38419), (94, 38401), (102, 38365), (109, 38335), (110, 38332),

Gene: Snickers_62 Start: 38872, Stop: 38213, Start Num: 8
Candidate Starts for Snickers_62:
(Start: 8 @38872 has 629 MA's), (Start: 20 @38779 has 32 MA's), (Start: 32 @38725 has 2 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (59, 38566), (75, 38458), (78, 38440), (79, 38434), (94, 38323), (102, 38287), (107, 38269), (109, 38257),

Gene: Snorlax_39 Start: 28207, Stop: 28857, Start Num: 8
Candidate Starts for Snorlax_39:
(Start: 6 @28192 has 40 MA's), (Start: 8 @28207 has 629 MA's), (Start: 10 @28210 has 1 MA's), (Start: 36 @28351 has 23 MA's), (Start: 51 @28435 has 4 MA's), (59, 28492), (60, 28498), (62, 28519), (70, 28564), (72, 28588), (75, 28600), (77, 28609), (78, 28618), (83, 28663), (86, 28684), (101, 28765), (106, 28786), (115, 28834),

Gene: SoYo_62 Start: 38810, Stop: 38151, Start Num: 8
Candidate Starts for SoYo_62:
(Start: 8 @38810 has 629 MA's), (Start: 20 @38717 has 32 MA's), (Start: 32 @38663 has 2 MA's), (Start: 36 @38651 has 23 MA's), (Start: 40 @38624 has 29 MA's), (59, 38504), (75, 38396), (78, 38378), (79, 38372), (94, 38261), (102, 38225), (107, 38207), (109, 38195),

Gene: SoilDragon_62 Start: 38346, Stop: 37687, Start Num: 8
Candidate Starts for SoilDragon_62:
(Start: 8 @38346 has 629 MA's), (Start: 20 @38253 has 32 MA's), (Start: 32 @38199 has 2 MA's), (Start: 36 @38187 has 23 MA's), (Start: 40 @38160 has 29 MA's), (59, 38040), (75, 37932), (78, 37914), (79, 37908), (94, 37797), (102, 37761), (107, 37743), (109, 37731),

Gene: Solid_30 Start: 21344, Stop: 20673, Start Num: 12
Candidate Starts for Solid_30:
(Start: 12 @21344 has 45 MA's), (Start: 45 @21131 has 2 MA's), (Start: 51 @21092 has 4 MA's), (63, 20999), (66, 20990), (68, 20969), (72, 20939), (92, 20804), (99, 20768), (100, 20762), (112, 20705), (116, 20684),

Gene: Solon_53 Start: 38687, Stop: 38163, Start Num: 28
Candidate Starts for Solon_53:
(Start: 28 @38687 has 135 MA's), (Start: 36 @38663 has 23 MA's), (Start: 40 @38636 has 29 MA's), (Start: 42 @38624 has 5 MA's), (Start: 50 @38576 has 1 MA's), (66, 38477), (72, 38426), (86, 38330), (90, 38297), (94, 38279), (102, 38243), (109, 38210), (110, 38207),

Gene: SororFago_60 Start: 39900, Stop: 39274, Start Num: 8
Candidate Starts for SororFago_60:
(Start: 8 @39900 has 629 MA's), (Start: 15 @39864 has 1 MA's), (Start: 20 @39807 has 32 MA's), (Start: 36 @39759 has 23 MA's), (Start: 45 @39702 has 2 MA's), (59, 39624), (68, 39558), (75, 39516), (81, 39477), (83, 39453), (86, 39432), (102, 39345), (110, 39312),

Gene: Sorpresa_53 Start: 38802, Stop: 38281, Start Num: 28
Candidate Starts for Sorpresa_53:
(Start: 28 @38802 has 135 MA's), (Start: 36 @38778 has 23 MA's), (Start: 40 @38751 has 29 MA's), (Start: 42 @38739 has 5 MA's), (Start: 50 @38691 has 1 MA's), (72, 38541), (86, 38445), (87, 38442), (90, 38412), (94, 38394), (102, 38358), (109, 38328),

Gene: Soshari_64 Start: 38922, Stop: 38263, Start Num: 8
Candidate Starts for Soshari_64:
(Start: 8 @38922 has 629 MA's), (Start: 20 @38829 has 32 MA's), (Start: 32 @38775 has 2 MA's), (Start: 36 @38763 has 23 MA's), (Start: 40 @38736 has 29 MA's), (59, 38616), (75, 38508), (78,

38490), (79, 38484), (94, 38373), (102, 38337), (107, 38319), (109, 38307),

Gene: Soups_66 Start: 38728, Stop: 38096, Start Num: 8
Candidate Starts for Soups_66:
(Start: 8 @38728 has 629 MA's), (Start: 12 @38710 has 45 MA's), (Start: 20 @38635 has 32 MA's), (Start: 40 @38557 has 29 MA's), (Start: 43 @38542 has 1 MA's), (Start: 45 @38527 has 2 MA's), (65, 38407), (66, 38404), (77, 38332), (81, 38302), (90, 38224), (94, 38206), (102, 38170),

Gene: South40_39 Start: 28378, Stop: 29028, Start Num: 8
Candidate Starts for South40_39:
(Start: 6 @28363 has 40 MA's), (Start: 8 @28378 has 629 MA's), (Start: 10 @28381 has 1 MA's), (Start: 51 @28606 has 4 MA's), (59, 28663), (60, 28669), (62, 28690), (63, 28699), (72, 28759), (75, 28771), (77, 28780), (78, 28789), (83, 28834), (86, 28855), (101, 28936), (106, 28957), (115, 29005),

Gene: Sparxx_56 Start: 38134, Stop: 37475, Start Num: 8
Candidate Starts for Sparxx_56:
(Start: 8 @38134 has 629 MA's), (Start: 20 @38041 has 32 MA's), (Start: 24 @38023 has 1 MA's), (Start: 32 @37987 has 2 MA's), (Start: 36 @37975 has 23 MA's), (Start: 40 @37948 has 29 MA's), (Start: 43 @37933 has 1 MA's), (59, 37828), (78, 37702), (79, 37696), (81, 37681), (82, 37666), (94, 37585), (100, 37558), (102, 37549), (117, 37483),

Gene: Speedwell_45 Start: 31124, Stop: 31789, Start Num: 6
Candidate Starts for Speedwell_45:
(Start: 6 @31124 has 40 MA's), (Start: 8 @31139 has 629 MA's), (21, 31232), (Start: 51 @31367 has 4 MA's), (59, 31424), (60, 31430), (62, 31451), (72, 31520), (75, 31532), (79, 31556), (83, 31595), (86, 31616), (106, 31718),

Gene: Spike509_62 Start: 38923, Stop: 38264, Start Num: 8
Candidate Starts for Spike509_62:
(Start: 8 @38923 has 629 MA's), (Start: 20 @38830 has 32 MA's), (Start: 32 @38776 has 2 MA's), (Start: 36 @38764 has 23 MA's), (Start: 40 @38737 has 29 MA's), (59, 38617), (75, 38509), (79, 38485), (102, 38338), (107, 38320), (109, 38308),

Gene: SpikeBT_54 Start: 38879, Stop: 38358, Start Num: 28
Candidate Starts for SpikeBT_54:
(Start: 11 @39002 has 29 MA's), (Start: 28 @38879 has 135 MA's), (Start: 40 @38828 has 29 MA's), (Start: 42 @38816 has 5 MA's), (57, 38735), (62, 38687), (67, 38666), (68, 38648), (78, 38588), (86, 38522), (90, 38489), (94, 38471), (102, 38435), (109, 38405),

Gene: Spino_54 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Spino_54:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Spooks_29 Start: 19747, Stop: 19046, Start Num: 7
Candidate Starts for Spooks_29:
(Start: 7 @19747 has 2 MA's), (Start: 15 @19705 has 1 MA's), (47, 19474), (69, 19330), (93, 19168), (102, 19123),

Gene: Spouty_59 Start: 38920, Stop: 38291, Start Num: 8
Candidate Starts for Spouty_59:

(Start: 8 @38920 has 629 MA's), (Start: 20 @38827 has 32 MA's), (Start: 25 @38803 has 5 MA's), (Start: 36 @38779 has 23 MA's), (Start: 40 @38752 has 29 MA's), (Start: 43 @38737 has 1 MA's), (59, 38641), (60, 38635), (66, 38596), (68, 38575), (79, 38509), (86, 38449), (90, 38416), (102, 38362),

Gene: SqueakyClean_39 Start: 29137, Stop: 29796, Start Num: 5
Candidate Starts for SqueakyClean_39:
(Start: 5 @29137 has 33 MA's), (14, 29185), (21, 29248), (Start: 42 @29338 has 5 MA's), (62, 29467), (81, 29587), (83, 29611), (86, 29632), (101, 29713),

Gene: Squee_55 Start: 39447, Stop: 38869, Start Num: 19
Candidate Starts for Squee_55:
(Start: 19 @39447 has 39 MA's), (Start: 28 @39390 has 135 MA's), (Start: 36 @39366 has 23 MA's), (38, 39354), (Start: 40 @39339 has 29 MA's), (Start: 42 @39327 has 5 MA's), (Start: 50 @39279 has 1 MA's), (66, 39180), (72, 39129), (86, 39033), (90, 39000), (94, 38982), (102, 38946), (109, 38916),

Gene: StCroix_47 Start: 35293, Stop: 34634, Start Num: 8
Candidate Starts for StCroix_47:
(Start: 8 @35293 has 629 MA's), (Start: 25 @35170 has 5 MA's), (Start: 36 @35134 has 23 MA's), (Start: 40 @35107 has 29 MA's), (Start: 45 @35077 has 2 MA's), (Start: 50 @35047 has 1 MA's), (Start: 51 @35044 has 4 MA's), (52, 35038), (59, 34987), (66, 34942), (68, 34921), (78, 34861), (79, 34855), (107, 34690), (110, 34675),

Gene: Stagni_62 Start: 38901, Stop: 38242, Start Num: 8
Candidate Starts for Stagni_62:
(Start: 8 @38901 has 629 MA's), (Start: 20 @38808 has 32 MA's), (Start: 32 @38754 has 2 MA's), (Start: 36 @38742 has 23 MA's), (Start: 40 @38715 has 29 MA's), (59, 38595), (75, 38487), (78, 38469), (79, 38463), (94, 38352), (102, 38316), (107, 38298), (109, 38286),

Gene: StarStuff_61 Start: 38903, Stop: 38271, Start Num: 8
Candidate Starts for StarStuff_61:
(Start: 8 @38903 has 629 MA's), (Start: 20 @38810 has 32 MA's), (Start: 36 @38756 has 23 MA's), (Start: 40 @38729 has 29 MA's), (Start: 45 @38699 has 2 MA's), (59, 38621), (60, 38615), (68, 38555), (81, 38474), (86, 38429), (90, 38396), (94, 38378), (102, 38342),

Gene: Stasia_54 Start: 38017, Stop: 37358, Start Num: 8
Candidate Starts for Stasia_54:
(Start: 8 @38017 has 629 MA's), (Start: 20 @37924 has 32 MA's), (Start: 32 @37870 has 2 MA's), (Start: 36 @37858 has 23 MA's), (Start: 40 @37831 has 29 MA's), (Start: 43 @37816 has 1 MA's), (59, 37711), (68, 37645), (79, 37579), (81, 37564), (82, 37549), (86, 37519), (94, 37468), (102, 37432), (117, 37366),

Gene: SteMason_54 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for SteMason_54:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Steamy_55 Start: 38632, Stop: 38003, Start Num: 8
Candidate Starts for Steamy_55:
(Start: 8 @38632 has 629 MA's), (Start: 20 @38539 has 32 MA's), (Start: 36 @38488 has 23 MA's), (Start: 40 @38461 has 29 MA's), (59, 38353), (60, 38347), (68, 38287), (75, 38245), (78, 38227), (81, 38206), (86, 38161), (90, 38128), (94, 38110), (102, 38074), (109, 38044), (110, 38041),

Gene: Stella_61 Start: 31604, Stop: 30972, Start Num: 8
Candidate Starts for Stella_61:
(Start: 8 @31604 has 629 MA's), (Start: 12 @31586 has 45 MA's), (14, 31574), (Start: 45 @31406 has 2 MA's), (48, 31382), (58, 31343), (66, 31280), (78, 31199), (79, 31193), (86, 31133), (98, 31070),

Gene: StepMih_62 Start: 38892, Stop: 38233, Start Num: 8
Candidate Starts for StepMih_62:
(Start: 8 @38892 has 629 MA's), (Start: 20 @38799 has 32 MA's), (Start: 32 @38745 has 2 MA's), (Start: 36 @38733 has 23 MA's), (Start: 40 @38706 has 29 MA's), (59, 38586), (75, 38478), (78, 38460), (79, 38454), (94, 38343), (102, 38307), (107, 38289), (109, 38277),

Gene: Stephig9_59 Start: 38168, Stop: 37515, Start Num: 8
Candidate Starts for Stephig9_59:
(Start: 8 @38168 has 629 MA's), (Start: 20 @38075 has 32 MA's), (Start: 32 @38015 has 2 MA's), (Start: 36 @38003 has 23 MA's), (Start: 40 @37976 has 29 MA's), (49, 37919), (59, 37868), (60, 37862), (81, 37721), (82, 37706), (86, 37676), (90, 37643), (107, 37571), (108, 37562), (110, 37556), (115, 37532),

Gene: StewieG_51 Start: 36207, Stop: 35686, Start Num: 28
Candidate Starts for StewieG_51:
(Start: 28 @36207 has 135 MA's), (Start: 36 @36183 has 23 MA's), (Start: 40 @36156 has 29 MA's), (Start: 42 @36144 has 5 MA's), (Start: 50 @36096 has 1 MA's), (66, 35997), (72, 35946), (86, 35850), (90, 35817), (94, 35799), (102, 35763), (109, 35733),

Gene: Stink_53 Start: 37833, Stop: 37174, Start Num: 8
Candidate Starts for Stink_53:
(Start: 8 @37833 has 629 MA's), (Start: 20 @37740 has 32 MA's), (Start: 24 @37722 has 1 MA's), (Start: 32 @37686 has 2 MA's), (Start: 36 @37674 has 23 MA's), (Start: 40 @37647 has 29 MA's), (Start: 43 @37632 has 1 MA's), (59, 37527), (78, 37401), (81, 37380), (82, 37365), (94, 37284), (100, 37257), (102, 37248), (117, 37182),

Gene: Stormborn_30 Start: 20951, Stop: 20280, Start Num: 12
Candidate Starts for Stormborn_30:
(Start: 4 @21005 has 1 MA's), (Start: 12 @20951 has 45 MA's), (Start: 45 @20738 has 2 MA's), (Start: 51 @20699 has 4 MA's), (63, 20606), (66, 20597), (68, 20576), (72, 20546), (92, 20411), (112, 20312), (116, 20291),

Gene: StrongArm_53 Start: 39886, Stop: 39365, Start Num: 28
Candidate Starts for StrongArm_53:
(Start: 28 @39886 has 135 MA's), (Start: 36 @39862 has 23 MA's), (Start: 40 @39835 has 29 MA's), (Start: 42 @39823 has 5 MA's), (Start: 50 @39775 has 1 MA's), (66, 39676), (72, 39625), (86, 39529), (87, 39526), (90, 39496), (94, 39478), (97, 39469), (102, 39442), (109, 39412), (110, 39409),

Gene: Strosahl_66 Start: 38284, Stop: 37652, Start Num: 8
Candidate Starts for Strosahl_66:
(Start: 8 @38284 has 629 MA's), (Start: 12 @38266 has 45 MA's), (Start: 20 @38191 has 32 MA's), (Start: 40 @38113 has 29 MA's), (Start: 43 @38098 has 1 MA's), (Start: 45 @38083 has 2 MA's), (65, 37963), (66, 37960), (77, 37888), (81, 37858), (90, 37780), (102, 37726),

Gene: Success_29 Start: 18965, Stop: 18267, Start Num: 7
Candidate Starts for Success_29:

(Start: 7 @18965 has 2 MA's), (Start: 15 @18923 has 1 MA's), (47, 18692), (78, 18494), (84, 18446), (90, 18398), (93, 18389), (102, 18344), (108, 18317), (118, 18272),

Gene: Sudan_40 Start: 29703, Stop: 30368, Start Num: 6
Candidate Starts for Sudan_40:
(Start: 6 @29703 has 40 MA's), (Start: 8 @29718 has 629 MA's), (Start: 51 @29946 has 4 MA's), (59, 30003), (60, 30009), (62, 30030), (63, 30039), (72, 30099), (73, 30102), (75, 30111), (83, 30174), (86, 30195), (101, 30276), (106, 30297),

Gene: Sujidade_40 Start: 28920, Stop: 29585, Start Num: 6
Candidate Starts for Sujidade_40:
(Start: 6 @28920 has 40 MA's), (Start: 8 @28935 has 629 MA's), (Start: 10 @28938 has 1 MA's), (Start: 51 @29163 has 4 MA's), (59, 29220), (60, 29226), (62, 29247), (63, 29256), (70, 29292), (72, 29316), (75, 29328), (77, 29337), (78, 29346), (83, 29391), (86, 29412), (101, 29493), (106, 29514), (115, 29562),

Gene: Sultana_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for Sultana_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: Sumter_51 Start: 39346, Stop: 38822, Start Num: 28
Candidate Starts for Sumter_51:
(Start: 28 @39346 has 135 MA's), (Start: 36 @39322 has 23 MA's), (Start: 40 @39295 has 29 MA's), (Start: 42 @39283 has 5 MA's), (Start: 50 @39235 has 1 MA's), (66, 39136), (72, 39085), (86, 38989), (87, 38986), (90, 38956), (94, 38938), (102, 38902), (109, 38869), (110, 38866),

Gene: Sunhee_61 Start: 38248, Stop: 37715, Start Num: 20
Candidate Starts for Sunhee_61:
(Start: 8 @38341 has 629 MA's), (Start: 20 @38248 has 32 MA's), (Start: 36 @38200 has 23 MA's), (59, 38065), (68, 37999), (75, 37957), (81, 37918), (83, 37894), (86, 37873), (102, 37786), (110, 37753),

Gene: SunkenRoot_40 Start: 30314, Stop: 30979, Start Num: 6
Candidate Starts for SunkenRoot_40:
(Start: 6 @30314 has 40 MA's), (Start: 8 @30329 has 629 MA's), (21, 30422), (Start: 51 @30557 has 4 MA's), (59, 30614), (60, 30620), (62, 30641), (63, 30650), (72, 30710), (73, 30713), (75, 30722), (83, 30785), (101, 30887), (106, 30908),

Gene: SunsetPointe_39 Start: 27966, Stop: 28472, Start Num: 36
Candidate Starts for SunsetPointe_39:
(Start: 6 @27807 has 40 MA's), (Start: 8 @27822 has 629 MA's), (Start: 10 @27825 has 1 MA's), (Start: 36 @27966 has 23 MA's), (Start: 51 @28050 has 4 MA's), (59, 28107), (60, 28113), (62, 28134), (63, 28143), (70, 28179), (72, 28203), (75, 28215), (77, 28224), (78, 28233), (83, 28278), (101, 28380), (106, 28401), (115, 28449),

Gene: Sunshine924_56 Start: 38541, Stop: 37960, Start Num: 19
Candidate Starts for Sunshine924_56:
(Start: 19 @38541 has 39 MA's), (Start: 28 @38484 has 135 MA's), (Start: 36 @38460 has 23 MA's), (Start: 40 @38433 has 29 MA's), (Start: 42 @38421 has 5 MA's), (Start: 50 @38373 has 1 MA's), (72, 38223), (86, 38127), (90, 38094), (94, 38076), (102, 38040), (109, 38007), (110, 38004),

Gene: SuperAwesome_60 Start: 37723, Stop: 37091, Start Num: 8
Candidate Starts for SuperAwesome_60:
(Start: 8 @37723 has 629 MA's), (Start: 20 @37630 has 32 MA's), (Start: 36 @37576 has 23 MA's), (Start: 45 @37519 has 2 MA's), (59, 37441), (68, 37375), (81, 37294), (86, 37249), (90, 37216), (94, 37198), (102, 37162), (109, 37132), (110, 37129),

Gene: SuperCallie99_58 Start: 37605, Stop: 36973, Start Num: 8
Candidate Starts for SuperCallie99_58:
(Start: 8 @37605 has 629 MA's), (Start: 20 @37512 has 32 MA's), (Start: 36 @37458 has 23 MA's), (Start: 45 @37401 has 2 MA's), (59, 37323), (68, 37257), (81, 37176), (86, 37131), (90, 37098), (94, 37080), (102, 37044), (109, 37014), (110, 37011),

Gene: Superchunk_57 Start: 37576, Stop: 36944, Start Num: 8
Candidate Starts for Superchunk_57:
(Start: 8 @37576 has 629 MA's), (Start: 20 @37483 has 32 MA's), (Start: 36 @37429 has 23 MA's), (Start: 40 @37402 has 29 MA's), (Start: 45 @37372 has 2 MA's), (59, 37294), (75, 37186), (80, 37153), (81, 37147), (82, 37132), (86, 37102), (89, 37093), (90, 37069), (94, 37051), (102, 37015),

Gene: Supernova_30 Start: 21115, Stop: 20444, Start Num: 12
Candidate Starts for Supernova_30:
(Start: 12 @21115 has 45 MA's), (Start: 45 @20902 has 2 MA's), (Start: 51 @20863 has 4 MA's), (63, 20770), (66, 20761), (68, 20740), (72, 20710), (92, 20575), (100, 20533), (112, 20476), (116, 20455),

Gene: Superstar_43 Start: 30182, Stop: 30844, Start Num: 5
Candidate Starts for Superstar_43:
(Start: 5 @30182 has 33 MA's), (14, 30230), (21, 30293), (Start: 42 @30383 has 5 MA's), (62, 30512), (63, 30521), (81, 30632), (83, 30656), (86, 30677), (106, 30776), (108, 30791), (113, 30812), (115, 30824),

Gene: Swann_48 Start: 35278, Stop: 34619, Start Num: 8
Candidate Starts for Swann_48:
(Start: 8 @35278 has 629 MA's), (Start: 25 @35155 has 5 MA's), (Start: 36 @35119 has 23 MA's), (Start: 40 @35092 has 29 MA's), (Start: 45 @35062 has 2 MA's), (Start: 50 @35032 has 1 MA's), (Start: 51 @35029 has 4 MA's), (52, 35023), (59, 34972), (66, 34927), (68, 34906), (78, 34846), (79, 34840), (107, 34675), (110, 34660),

Gene: SweetiePie_59 Start: 39267, Stop: 38635, Start Num: 8
Candidate Starts for SweetiePie_59:
(Start: 8 @39267 has 629 MA's), (Start: 20 @39174 has 32 MA's), (Start: 36 @39120 has 23 MA's), (Start: 45 @39063 has 2 MA's), (68, 38919), (78, 38859), (86, 38793), (90, 38760), (94, 38742), (102, 38706),

Gene: SwirlSquare_62 Start: 38498, Stop: 37866, Start Num: 8
Candidate Starts for SwirlSquare_62:
(Start: 8 @38498 has 629 MA's), (Start: 20 @38405 has 32 MA's), (Start: 36 @38351 has 23 MA's), (Start: 40 @38324 has 29 MA's), (Start: 45 @38294 has 2 MA's), (60, 38210), (68, 38150), (78, 38090), (86, 38024), (94, 37973), (102, 37937),

Gene: Swirley_55 Start: 38646, Stop: 37987, Start Num: 8
Candidate Starts for Swirley_55:
(Start: 8 @38646 has 629 MA's), (Start: 20 @38553 has 32 MA's), (Start: 24 @38535 has 1 MA's), (Start: 32 @38493 has 2 MA's), (Start: 36 @38481 has 23 MA's), (Start: 40 @38454 has 29 MA's),

(Start: 42 @38442 has 5 MA's), (79, 38214), (80, 38205), (82, 38184), (85, 38169), (86, 38154), (88, 38148), (90, 38121), (94, 38103), (100, 38076), (102, 38067), (107, 38049), (109, 38037), (110, 38034),

Gene: SwissCheese_56 Start: 39003, Stop: 38482, Start Num: 28
Candidate Starts for SwissCheese_56:
(Start: 28 @39003 has 135 MA's), (Start: 36 @38979 has 23 MA's), (Start: 40 @38952 has 29 MA's), (Start: 42 @38940 has 5 MA's), (Start: 50 @38892 has 1 MA's), (66, 38793), (72, 38742), (86, 38646), (90, 38613), (94, 38595), (102, 38559), (109, 38529),

Gene: Switzerland_65 Start: 38511, Stop: 37972, Start Num: 20
Candidate Starts for Switzerland_65:
(Start: 8 @38604 has 629 MA's), (Start: 12 @38586 has 45 MA's), (Start: 20 @38511 has 32 MA's), (Start: 40 @38433 has 29 MA's), (Start: 43 @38418 has 1 MA's), (Start: 45 @38403 has 2 MA's), (65, 38283), (66, 38280), (77, 38208), (81, 38178), (90, 38100), (94, 38082), (102, 38046),

Gene: Swole_56 Start: 38530, Stop: 37883, Start Num: 11
Candidate Starts for Swole_56:
(Start: 11 @38530 has 29 MA's), (Start: 28 @38407 has 135 MA's), (Start: 40 @38356 has 29 MA's), (Start: 42 @38344 has 5 MA's), (62, 38215), (67, 38194), (68, 38176), (86, 38050), (90, 38017), (94, 37999), (102, 37963), (109, 37930), (110, 37927),

Gene: SydNat_56 Start: 39285, Stop: 38623, Start Num: 8
Candidate Starts for SydNat_56:
(Start: 8 @39285 has 629 MA's), (Start: 20 @39192 has 32 MA's), (Start: 24 @39174 has 1 MA's), (Start: 32 @39132 has 2 MA's), (Start: 36 @39120 has 23 MA's), (Start: 40 @39093 has 29 MA's), (Start: 42 @39081 has 5 MA's), (68, 38916), (79, 38850), (80, 38841), (82, 38820), (86, 38790), (88, 38784), (90, 38757), (100, 38712), (102, 38703), (107, 38685), (109, 38673), (110, 38670),

Gene: TNguyen7_59 Start: 38515, Stop: 37856, Start Num: 8
Candidate Starts for TNguyen7_59:
(Start: 8 @38515 has 629 MA's), (Start: 20 @38422 has 32 MA's), (Start: 32 @38368 has 2 MA's), (Start: 36 @38356 has 23 MA's), (Start: 40 @38329 has 29 MA's), (Start: 43 @38314 has 1 MA's), (Start: 51 @38266 has 4 MA's), (59, 38209), (67, 38161), (78, 38083), (81, 38062), (82, 38047), (94, 37966), (102, 37930), (107, 37912), (117, 37864),

Gene: TWAMP_48 Start: 35280, Stop: 34621, Start Num: 8
Candidate Starts for TWAMP_48:
(Start: 8 @35280 has 629 MA's), (Start: 25 @35157 has 5 MA's), (Start: 36 @35121 has 23 MA's), (Start: 40 @35094 has 29 MA's), (Start: 45 @35064 has 2 MA's), (Start: 50 @35034 has 1 MA's), (Start: 51 @35031 has 4 MA's), (52, 35025), (59, 34974), (66, 34929), (68, 34908), (78, 34848), (79, 34842), (107, 34677), (110, 34662),

Gene: TagePhighter_41 Start: 28207, Stop: 28857, Start Num: 8
Candidate Starts for TagePhighter_41:
(Start: 6 @28192 has 40 MA's), (Start: 8 @28207 has 629 MA's), (Start: 10 @28210 has 1 MA's), (Start: 36 @28351 has 23 MA's), (Start: 51 @28435 has 4 MA's), (59, 28492), (60, 28498), (62, 28519), (70, 28564), (72, 28588), (75, 28600), (77, 28609), (78, 28618), (83, 28663), (86, 28684), (101, 28765), (106, 28786), (115, 28834),

Gene: Takoda_48 Start: 35463, Stop: 34804, Start Num: 8
Candidate Starts for Takoda_48:

(Start: 8 @35463 has 629 MA's), (Start: 25 @35340 has 5 MA's), (Start: 36 @35304 has 23 MA's), (Start: 40 @35277 has 29 MA's), (Start: 45 @35247 has 2 MA's), (Start: 50 @35217 has 1 MA's), (Start: 51 @35214 has 4 MA's), (52, 35208), (59, 35157), (66, 35112), (79, 35025), (107, 34860), (110, 34845),

Gene: Taquarus_55 Start: 38142, Stop: 37483, Start Num: 8
Candidate Starts for Taquarus_55:
(Start: 8 @38142 has 629 MA's), (Start: 20 @38049 has 32 MA's), (Start: 24 @38031 has 1 MA's), (Start: 32 @37995 has 2 MA's), (Start: 36 @37983 has 23 MA's), (Start: 40 @37956 has 29 MA's), (Start: 43 @37941 has 1 MA's), (59, 37836), (78, 37710), (79, 37704), (81, 37689), (82, 37674), (94, 37593), (100, 37566), (102, 37557), (117, 37491),

Gene: Target_55 Start: 37594, Stop: 37070, Start Num: 28
Candidate Starts for Target_55:
(Start: 28 @37594 has 135 MA's), (Start: 36 @37570 has 23 MA's), (Start: 40 @37543 has 29 MA's), (Start: 42 @37531 has 5 MA's), (Start: 50 @37483 has 1 MA's), (72, 37333), (86, 37237), (87, 37234), (90, 37204), (94, 37186), (102, 37150), (109, 37117), (110, 37114),

Gene: TarsusIV_57 Start: 38582, Stop: 38097, Start Num: 36
Candidate Starts for TarsusIV_57:
(Start: 20 @38636 has 32 MA's), (Start: 36 @38582 has 23 MA's), (Start: 45 @38525 has 2 MA's), (59, 38447), (60, 38441), (68, 38381), (71, 38360), (81, 38300), (90, 38222), (102, 38168),

Gene: Tarynearal_51 Start: 38091, Stop: 37432, Start Num: 8
Candidate Starts for Tarynearal_51:
(Start: 8 @38091 has 629 MA's), (Start: 20 @37998 has 32 MA's), (Start: 24 @37980 has 1 MA's), (Start: 32 @37938 has 2 MA's), (Start: 36 @37926 has 23 MA's), (Start: 40 @37899 has 29 MA's), (Start: 42 @37887 has 5 MA's), (68, 37725), (79, 37659), (80, 37650), (82, 37629), (85, 37614), (86, 37599), (88, 37593), (90, 37566), (94, 37548), (100, 37521), (102, 37512), (107, 37494), (109, 37482), (110, 37479),

Gene: Tasp14_56 Start: 39389, Stop: 38868, Start Num: 28
Candidate Starts for Tasp14_56:
(Start: 28 @39389 has 135 MA's), (Start: 36 @39365 has 23 MA's), (Start: 40 @39338 has 29 MA's), (Start: 42 @39326 has 5 MA's), (Start: 50 @39278 has 1 MA's), (72, 39128), (86, 39032), (90, 38999), (94, 38981), (102, 38945), (109, 38915),

Gene: Taurus_63 Start: 38898, Stop: 38239, Start Num: 8
Candidate Starts for Taurus_63:
(Start: 8 @38898 has 629 MA's), (Start: 20 @38805 has 32 MA's), (Start: 32 @38751 has 2 MA's), (Start: 36 @38739 has 23 MA's), (Start: 40 @38712 has 29 MA's), (59, 38592), (75, 38484), (78, 38466), (79, 38460), (94, 38349), (102, 38313), (107, 38295), (109, 38283),

Gene: Tefunt_41 Start: 29076, Stop: 29738, Start Num: 5
Candidate Starts for Tefunt_41:
(3, 28809), (Start: 5 @29076 has 33 MA's), (14, 29124), (21, 29187), (Start: 42 @29277 has 5 MA's), (Start: 51 @29322 has 4 MA's), (62, 29406), (81, 29526), (83, 29550), (86, 29571), (101, 29652), (106, 29670), (108, 29685), (115, 29718),

Gene: Temprado_62 Start: 38202, Stop: 37570, Start Num: 8
Candidate Starts for Temprado_62:
(Start: 8 @38202 has 629 MA's), (Start: 20 @38109 has 32 MA's), (Start: 36 @38055 has 23 MA's), (Start: 45 @37998 has 2 MA's), (60, 37914), (68, 37854), (86, 37728), (90, 37695), (94, 37677), (102,

37641), (107, 37623), (109, 37611), (110, 37608),

Gene: Teodoridan_53 Start: 38328, Stop: 37807, Start Num: 28
Candidate Starts for Teodoridan_53:
(Start: 28 @38328 has 135 MA's), (Start: 36 @38304 has 23 MA's), (Start: 40 @38277 has 29 MA's), (Start: 42 @38265 has 5 MA's), (Start: 50 @38217 has 1 MA's), (72, 38067), (86, 37971), (90, 37938), (94, 37920), (102, 37884), (109, 37854),

Gene: Terrific_60 Start: 39108, Stop: 38476, Start Num: 8
Candidate Starts for Terrific_60:
(Start: 8 @39108 has 629 MA's), (Start: 20 @39015 has 32 MA's), (Start: 36 @38961 has 23 MA's), (Start: 45 @38904 has 2 MA's), (55, 38850), (59, 38826), (60, 38820), (68, 38760), (78, 38700), (81, 38679), (86, 38634), (90, 38601), (102, 38547),

Gene: Texage_56 Start: 38515, Stop: 37853, Start Num: 8
Candidate Starts for Texage_56:
(Start: 8 @38515 has 629 MA's), (Start: 20 @38422 has 32 MA's), (Start: 23 @38407 has 2 MA's), (Start: 32 @38368 has 2 MA's), (Start: 36 @38356 has 23 MA's), (Start: 40 @38329 has 29 MA's), (59, 38209), (67, 38161), (75, 38101), (78, 38083), (79, 38077), (81, 38062), (82, 38047), (102, 37930), (107, 37912),

Gene: Thanksgivukkah_54 Start: 38137, Stop: 37478, Start Num: 8
Candidate Starts for Thanksgivukkah_54:
(Start: 8 @38137 has 629 MA's), (Start: 20 @38044 has 32 MA's), (Start: 24 @38026 has 1 MA's), (Start: 32 @37990 has 2 MA's), (Start: 36 @37978 has 23 MA's), (Start: 40 @37951 has 29 MA's), (Start: 43 @37936 has 1 MA's), (59, 37831), (78, 37705), (79, 37699), (81, 37684), (82, 37669), (94, 37588), (100, 37561), (102, 37552), (117, 37486),

Gene: Theia_52 Start: 38765, Stop: 38103, Start Num: 8
Candidate Starts for Theia_52:
(Start: 8 @38765 has 629 MA's), (Start: 20 @38672 has 32 MA's), (Start: 24 @38654 has 1 MA's), (Start: 32 @38612 has 2 MA's), (Start: 36 @38600 has 23 MA's), (Start: 40 @38573 has 29 MA's), (Start: 42 @38561 has 5 MA's), (68, 38396), (79, 38330), (80, 38321), (82, 38300), (86, 38270), (88, 38264), (90, 38237), (94, 38219), (100, 38192), (102, 38183), (107, 38165), (109, 38153), (110, 38150),

Gene: TheloniousMonk_55 Start: 41116, Stop: 40535, Start Num: 19
Candidate Starts for TheloniousMonk_55:
(Start: 19 @41116 has 39 MA's), (Start: 28 @41059 has 135 MA's), (Start: 36 @41035 has 23 MA's), (Start: 40 @41008 has 29 MA's), (Start: 42 @40996 has 5 MA's), (Start: 50 @40948 has 1 MA's), (72, 40798), (86, 40702), (87, 40699), (90, 40669), (94, 40651), (102, 40615), (109, 40582), (110, 40579),

Gene: Thestral_41 Start: 29271, Stop: 29933, Start Num: 5
Candidate Starts for Thestral_41:
(Start: 5 @29271 has 33 MA's), (14, 29319), (16, 29334), (21, 29382), (Start: 42 @29472 has 5 MA's), (Start: 51 @29517 has 4 MA's), (62, 29601), (81, 29721), (83, 29745), (86, 29766), (108, 29880), (113, 29901), (115, 29913),

Gene: Thor_52 Start: 37720, Stop: 37199, Start Num: 28
Candidate Starts for Thor_52:
(Start: 28 @37720 has 135 MA's), (Start: 36 @37696 has 23 MA's), (Start: 40 @37669 has 29 MA's), (Start: 42 @37657 has 5 MA's), (Start: 50 @37609 has 1 MA's), (72, 37459), (86, 37363), (90, 37330), (94, 37312), (102, 37276), (109, 37246),

Gene: Tiffany_61 Start: 38784, Stop: 38125, Start Num: 8
Candidate Starts for Tiffany_61:
(Start: 8 @38784 has 629 MA's), (Start: 20 @38691 has 32 MA's), (Start: 32 @38637 has 2 MA's), (Start: 36 @38625 has 23 MA's), (Start: 40 @38598 has 29 MA's), (59, 38478), (75, 38370), (78, 38352), (79, 38346), (94, 38235), (102, 38199), (107, 38181), (109, 38169),

Gene: Tiger_52 Start: 37951, Stop: 37292, Start Num: 8
Candidate Starts for Tiger_52:
(Start: 8 @37951 has 629 MA's), (Start: 20 @37858 has 32 MA's), (Start: 24 @37840 has 1 MA's), (Start: 32 @37798 has 2 MA's), (Start: 36 @37786 has 23 MA's), (Start: 40 @37759 has 29 MA's), (Start: 42 @37747 has 5 MA's), (68, 37585), (79, 37519), (82, 37489), (86, 37459), (88, 37453), (90, 37426), (94, 37408), (100, 37381), (102, 37372), (107, 37354), (109, 37342), (110, 37339),

Gene: Timothy_59 Start: 38176, Stop: 37529, Start Num: 8
Candidate Starts for Timothy_59:
(Start: 8 @38176 has 629 MA's), (Start: 20 @38083 has 32 MA's), (Start: 36 @38029 has 23 MA's), (Start: 40 @38002 has 29 MA's), (Start: 45 @37972 has 2 MA's), (60, 37876), (68, 37816), (79, 37750), (81, 37735), (86, 37690), (89, 37681), (90, 37657), (102, 37603), (110, 37570),

Gene: Timshel_54 Start: 40008, Stop: 39469, Start Num: 23
Candidate Starts for Timshel_54:
(Start: 20 @40023 has 32 MA's), (Start: 23 @40008 has 2 MA's), (Start: 28 @39981 has 135 MA's), (Start: 36 @39957 has 23 MA's), (Start: 40 @39930 has 29 MA's), (Start: 42 @39918 has 5 MA's), (Start: 51 @39867 has 4 MA's), (59, 39822), (62, 39795), (75, 39714), (79, 39690), (82, 39660), (86, 39630), (94, 39579), (100, 39552), (102, 39543), (109, 39513), (117, 39477),

Gene: TinaBelcher_40 Start: 29218, Stop: 29880, Start Num: 5
Candidate Starts for TinaBelcher_40:
(Start: 5 @29218 has 33 MA's), (14, 29266), (16, 29281), (21, 29329), (Start: 42 @29419 has 5 MA's), (Start: 51 @29464 has 4 MA's), (62, 29548), (81, 29668), (83, 29692), (108, 29827), (113, 29848), (115, 29860),

Gene: TinaFeyge_54 Start: 38134, Stop: 37475, Start Num: 8
Candidate Starts for TinaFeyge_54:
(Start: 8 @38134 has 629 MA's), (Start: 20 @38041 has 32 MA's), (Start: 24 @38023 has 1 MA's), (Start: 32 @37987 has 2 MA's), (Start: 36 @37975 has 23 MA's), (Start: 40 @37948 has 29 MA's), (Start: 43 @37933 has 1 MA's), (59, 37828), (78, 37702), (79, 37696), (81, 37681), (82, 37666), (94, 37585), (100, 37558), (102, 37549), (117, 37483),

Gene: TinyPebbles_61 Start: 38928, Stop: 38269, Start Num: 8
Candidate Starts for TinyPebbles_61:
(Start: 8 @38928 has 629 MA's), (Start: 20 @38835 has 32 MA's), (Start: 32 @38781 has 2 MA's), (Start: 36 @38769 has 23 MA's), (Start: 40 @38742 has 29 MA's), (59, 38622), (75, 38514), (78, 38496), (79, 38490), (94, 38379), (102, 38343), (107, 38325), (109, 38313),

Gene: TinyTimmy_59 Start: 38225, Stop: 37578, Start Num: 8
Candidate Starts for TinyTimmy_59:
(Start: 8 @38225 has 629 MA's), (Start: 20 @38132 has 32 MA's), (Start: 36 @38078 has 23 MA's), (Start: 40 @38051 has 29 MA's), (Start: 45 @38021 has 2 MA's), (60, 37925), (68, 37865), (79, 37799), (81, 37784), (86, 37739), (89, 37730), (90, 37706), (102, 37652), (110, 37619),

Gene: Tinybot_54 Start: 38166, Stop: 37507, Start Num: 8

Candidate Starts for Tinybot_54:
(Start: 8 @38166 has 629 MA's), (Start: 20 @38073 has 32 MA's), (Start: 24 @38055 has 1 MA's), (Start: 32 @38019 has 2 MA's), (Start: 36 @38007 has 23 MA's), (Start: 40 @37980 has 29 MA's), (Start: 43 @37965 has 1 MA's), (59, 37860), (78, 37734), (79, 37728), (81, 37713), (82, 37698), (94, 37617), (100, 37590), (102, 37581), (117, 37515),

Gene: TipsytheTRex_56 Start: 38542, Stop: 37910, Start Num: 8
Candidate Starts for TipsytheTRex_56:
(Start: 8 @38542 has 629 MA's), (Start: 20 @38449 has 32 MA's), (Start: 23 @38434 has 2 MA's), (Start: 36 @38395 has 23 MA's), (Start: 40 @38368 has 29 MA's), (Start: 45 @38338 has 2 MA's), (59, 38260), (68, 38194), (78, 38134), (81, 38113), (86, 38068), (90, 38035), (94, 38017), (102, 37981),

Gene: TiroTheta9_55 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for TiroTheta9_55:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 24 @38022 has 1 MA's), (Start: 32 @37986 has 2 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 43 @37932 has 1 MA's), (59, 37827), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (94, 37584), (100, 37557), (102, 37548), (117, 37482),

Gene: Toaka_59 Start: 38829, Stop: 38206, Start Num: 8
Candidate Starts for Toaka_59:
(Start: 8 @38829 has 629 MA's), (Start: 20 @38736 has 32 MA's), (Start: 23 @38721 has 2 MA's), (Start: 40 @38664 has 29 MA's), (Start: 42 @38652 has 5 MA's), (68, 38490), (77, 38439), (86, 38364), (102, 38277),

Gene: Todacoro_57 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for Todacoro_57:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: Toma_39 Start: 28637, Stop: 29302, Start Num: 6
Candidate Starts for Toma_39:
(Start: 6 @28637 has 40 MA's), (Start: 8 @28652 has 629 MA's), (Start: 10 @28655 has 1 MA's), (Start: 51 @28880 has 4 MA's), (59, 28937), (60, 28943), (62, 28964), (63, 28973), (70, 29009), (72, 29033), (75, 29045), (77, 29054), (78, 29063), (83, 29108), (86, 29129), (101, 29210), (106, 29231), (115, 29279),

Gene: Tomathan_61 Start: 38950, Stop: 38318, Start Num: 8
Candidate Starts for Tomathan_61:
(Start: 8 @38950 has 629 MA's), (Start: 20 @38857 has 32 MA's), (Start: 36 @38803 has 23 MA's), (Start: 40 @38776 has 29 MA's), (Start: 45 @38746 has 2 MA's), (59, 38668), (60, 38662), (68, 38602), (81, 38521), (86, 38476), (90, 38443), (94, 38425), (102, 38389),

Gene: ToneTone_58 Start: 37762, Stop: 37130, Start Num: 8
Candidate Starts for ToneTone_58:
(Start: 8 @37762 has 629 MA's), (Start: 20 @37669 has 32 MA's), (Start: 36 @37615 has 23 MA's), (Start: 45 @37558 has 2 MA's), (60, 37474), (68, 37414), (86, 37288), (90, 37255), (94, 37237), (102, 37201), (107, 37183), (109, 37171), (110, 37168),

Gene: Topanga_53 Start: 38064, Stop: 37405, Start Num: 8
Candidate Starts for Topanga_53:

(Start: 8 @38064 has 629 MA's), (Start: 20 @37971 has 32 MA's), (Start: 36 @37905 has 23 MA's), (Start: 40 @37878 has 29 MA's), (Start: 51 @37815 has 4 MA's), (59, 37758), (67, 37710), (75, 37650), (78, 37632), (79, 37626), (81, 37611), (82, 37596), (100, 37488), (102, 37479), (107, 37461), (109, 37449), (117, 37413),

Gene: Topgun_54 Start: 38573, Stop: 38052, Start Num: 28
Candidate Starts for Topgun_54:
(Start: 28 @38573 has 135 MA's), (Start: 36 @38549 has 23 MA's), (Start: 40 @38522 has 29 MA's), (Start: 42 @38510 has 5 MA's), (Start: 50 @38462 has 1 MA's), (66, 38363), (72, 38312), (86, 38216), (87, 38213), (90, 38183), (94, 38165), (95, 38162), (102, 38129), (109, 38099), (110, 38096),

Gene: ToriToki_58 Start: 30971, Stop: 30339, Start Num: 8
Candidate Starts for ToriToki_58:
(Start: 8 @30971 has 629 MA's), (Start: 12 @30953 has 45 MA's), (14, 30941), (21, 30881), (Start: 45 @30773 has 2 MA's), (46, 30755), (48, 30749), (63, 30656), (79, 30560), (86, 30500),

Gene: Toro_59 Start: 40954, Stop: 40307, Start Num: 8
Candidate Starts for Toro_59:
(Start: 8 @40954 has 629 MA's), (Start: 20 @40861 has 32 MA's), (Start: 23 @40846 has 2 MA's), (Start: 28 @40819 has 135 MA's), (34, 40804), (Start: 40 @40768 has 29 MA's), (Start: 42 @40756 has 5 MA's), (Start: 43 @40753 has 1 MA's), (Start: 51 @40705 has 4 MA's), (59, 40660), (68, 40594), (75, 40552), (79, 40528), (82, 40498), (91, 40432), (100, 40390), (102, 40381), (115, 40324), (117, 40315),

Gene: Tote_51 Start: 35797, Stop: 35150, Start Num: 11
Candidate Starts for Tote_51:
(Start: 11 @35797 has 29 MA's), (Start: 28 @35674 has 135 MA's), (Start: 40 @35623 has 29 MA's), (Start: 42 @35611 has 5 MA's), (62, 35482), (67, 35461), (68, 35443), (86, 35317), (90, 35284), (94, 35266), (102, 35230), (109, 35197), (110, 35194),

Gene: Traft412_57 Start: 40021, Stop: 39443, Start Num: 19
Candidate Starts for Traft412_57:
(Start: 19 @40021 has 39 MA's), (Start: 28 @39964 has 135 MA's), (Start: 36 @39940 has 23 MA's), (Start: 40 @39913 has 29 MA's), (Start: 42 @39901 has 5 MA's), (Start: 50 @39853 has 1 MA's), (66, 39754), (72, 39703), (86, 39607), (90, 39574), (94, 39556), (102, 39520), (109, 39490),

Gene: Travvers_61 Start: 38900, Stop: 38268, Start Num: 8
Candidate Starts for Travvers_61:
(Start: 8 @38900 has 629 MA's), (Start: 20 @38807 has 32 MA's), (Start: 36 @38753 has 23 MA's), (Start: 40 @38726 has 29 MA's), (Start: 45 @38696 has 2 MA's), (59, 38618), (60, 38612), (68, 38552), (81, 38471), (86, 38426), (90, 38393), (94, 38375), (102, 38339),

Gene: Treat_58 Start: 30912, Stop: 30280, Start Num: 8
Candidate Starts for Treat_58:
(Start: 8 @30912 has 629 MA's), (Start: 12 @30894 has 45 MA's), (14, 30882), (21, 30822), (Start: 45 @30714 has 2 MA's), (46, 30696), (48, 30690), (63, 30597), (79, 30501), (86, 30441),

Gene: Treddle_55 Start: 39496, Stop: 38975, Start Num: 28
Candidate Starts for Treddle_55:
(Start: 28 @39496 has 135 MA's), (Start: 36 @39472 has 23 MA's), (Start: 40 @39445 has 29 MA's), (Start: 42 @39433 has 5 MA's), (Start: 50 @39385 has 1 MA's), (66, 39286), (72, 39235), (86, 39139), (90, 39106), (94, 39088), (102, 39052), (109, 39022),

Gene: Trike_54 Start: 37279, Stop: 36620, Start Num: 8
Candidate Starts for Trike_54:
(Start: 8 @37279 has 629 MA's), (Start: 20 @37186 has 32 MA's), (Start: 36 @37120 has 23 MA's), (Start: 40 @37093 has 29 MA's), (Start: 51 @37030 has 4 MA's), (59, 36973), (67, 36925), (81, 36826), (82, 36811), (100, 36703), (102, 36694), (109, 36664), (117, 36628),

Gene: Tripl3t_55 Start: 40330, Stop: 39830, Start Num: 36
Candidate Starts for Tripl3t_55:
(Start: 28 @40354 has 135 MA's), (Start: 36 @40330 has 23 MA's), (Start: 40 @40303 has 29 MA's), (Start: 42 @40291 has 5 MA's), (Start: 50 @40243 has 1 MA's), (66, 40144), (72, 40093), (86, 39997), (90, 39964), (94, 39946), (102, 39910), (109, 39877), (110, 39874),

Gene: Tristan_57 Start: 39691, Stop: 39152, Start Num: 20
Candidate Starts for Tristan_57:
(Start: 20 @39691 has 32 MA's), (Start: 36 @39637 has 23 MA's), (Start: 40 @39610 has 29 MA's), (Start: 45 @39580 has 2 MA's), (59, 39502), (60, 39496), (68, 39436), (81, 39355), (86, 39310), (90, 39277), (102, 39223), (109, 39193),

Gene: Triste_39 Start: 28195, Stop: 28845, Start Num: 8
Candidate Starts for Triste_39:
(Start: 6 @28180 has 40 MA's), (Start: 8 @28195 has 629 MA's), (Start: 10 @28198 has 1 MA's), (Start: 36 @28339 has 23 MA's), (Start: 51 @28423 has 4 MA's), (59, 28480), (60, 28486), (62, 28507), (70, 28552), (72, 28576), (75, 28588), (77, 28597), (78, 28606), (83, 28651), (86, 28672), (101, 28753), (106, 28774), (115, 28822),

Gene: Triumph_41 Start: 28968, Stop: 29630, Start Num: 5
Candidate Starts for Triumph_41:
(1, 28524), (2, 28641), (3, 28698), (Start: 5 @28968 has 33 MA's), (14, 29016), (16, 29031), (18, 29052), (21, 29079), (Start: 42 @29169 has 5 MA's), (Start: 51 @29214 has 4 MA's), (62, 29298), (81, 29418), (83, 29442), (101, 29544), (106, 29562),

Gene: Trixie_57 Start: 38966, Stop: 38334, Start Num: 8
Candidate Starts for Trixie_57:
(Start: 8 @38966 has 629 MA's), (Start: 20 @38873 has 32 MA's), (Start: 36 @38819 has 23 MA's), (Start: 40 @38792 has 29 MA's), (Start: 43 @38777 has 1 MA's), (Start: 45 @38762 has 2 MA's), (60, 38678), (68, 38618), (86, 38492), (90, 38459), (94, 38441), (102, 38405),

Gene: Trooper_60 Start: 39363, Stop: 38824, Start Num: 20
Candidate Starts for Trooper_60:
(Start: 20 @39363 has 32 MA's), (Start: 36 @39309 has 23 MA's), (Start: 45 @39252 has 2 MA's), (59, 39174), (60, 39168), (66, 39129), (68, 39108), (71, 39087), (81, 39027), (90, 38949), (102, 38895),

Gene: Trouble_57 Start: 40284, Stop: 39706, Start Num: 19
Candidate Starts for Trouble_57:
(Start: 19 @40284 has 39 MA's), (Start: 28 @40227 has 135 MA's), (Start: 36 @40203 has 23 MA's), (Start: 40 @40176 has 29 MA's), (Start: 42 @40164 has 5 MA's), (Start: 50 @40116 has 1 MA's), (66, 40017), (72, 39966), (86, 39870), (87, 39867), (90, 39837), (94, 39819), (102, 39783), (109, 39753),

Gene: TroyPia_56 Start: 38137, Stop: 37478, Start Num: 8
Candidate Starts for TroyPia_56:
(Start: 8 @38137 has 629 MA's), (Start: 20 @38044 has 32 MA's), (Start: 24 @38026 has 1 MA's), (Start: 32 @37990 has 2 MA's), (Start: 36 @37978 has 23 MA's), (Start: 40 @37951 has 29 MA's), (Start: 43 @37936 has 1 MA's), (59, 37831), (78, 37705), (79, 37699), (81, 37684), (82, 37669), (94,

37588), (100, 37561), (102, 37552), (117, 37486),

Gene: TrvxScott_39 Start: 29264, Stop: 29926, Start Num: 5
Candidate Starts for TrvxScott_39:
(Start: 5 @29264 has 33 MA's), (14, 29312), (16, 29327), (21, 29375), (Start: 42 @29465 has 5 MA's), (Start: 51 @29510 has 4 MA's), (62, 29594), (81, 29714), (83, 29738), (108, 29873), (113, 29894), (115, 29906),

Gene: TuanPN_38 Start: 28367, Stop: 28789, Start Num: 51
Candidate Starts for TuanPN_38:
(Start: 6 @28124 has 40 MA's), (Start: 8 @28139 has 629 MA's), (Start: 10 @28142 has 1 MA's), (Start: 51 @28367 has 4 MA's), (59, 28424), (60, 28430), (62, 28451), (70, 28496), (72, 28520), (75, 28532), (77, 28541), (78, 28550), (83, 28595), (86, 28616), (101, 28697), (106, 28718), (115, 28766),

Gene: Tubs_59 Start: 38854, Stop: 38225, Start Num: 8
Candidate Starts for Tubs_59:
(Start: 8 @38854 has 629 MA's), (Start: 20 @38761 has 32 MA's), (Start: 25 @38737 has 5 MA's), (Start: 36 @38713 has 23 MA's), (Start: 40 @38686 has 29 MA's), (Start: 43 @38671 has 1 MA's), (59, 38575), (60, 38569), (66, 38530), (68, 38509), (79, 38443), (86, 38383), (90, 38350), (102, 38296),

Gene: Tucker_61 Start: 37931, Stop: 37299, Start Num: 8
Candidate Starts for Tucker_61:
(Start: 8 @37931 has 629 MA's), (Start: 20 @37838 has 32 MA's), (Start: 36 @37784 has 23 MA's), (Start: 45 @37727 has 2 MA's), (60, 37643), (68, 37583), (86, 37457), (90, 37424), (94, 37406), (102, 37370), (107, 37352), (109, 37340), (110, 37337),

Gene: Turbido_60 Start: 39351, Stop: 38719, Start Num: 8
Candidate Starts for Turbido_60:
(Start: 8 @39351 has 629 MA's), (Start: 20 @39258 has 32 MA's), (Start: 36 @39204 has 23 MA's), (Start: 45 @39147 has 2 MA's), (Start: 50 @39117 has 1 MA's), (60, 39063), (68, 39003), (78, 38943), (86, 38877), (90, 38844), (102, 38790),

Gene: Twigg_53 Start: 38294, Stop: 37635, Start Num: 8
Candidate Starts for Twigg_53:
(Start: 8 @38294 has 629 MA's), (Start: 20 @38201 has 32 MA's), (Start: 24 @38183 has 1 MA's), (Start: 32 @38141 has 2 MA's), (Start: 36 @38129 has 23 MA's), (Start: 40 @38102 has 29 MA's), (Start: 42 @38090 has 5 MA's), (Start: 43 @38087 has 1 MA's), (Start: 51 @38039 has 4 MA's), (79, 37862), (80, 37853), (82, 37832), (85, 37817), (86, 37802), (88, 37796), (90, 37769), (94, 37751), (100, 37724), (102, 37715), (107, 37697), (109, 37685), (110, 37682),

Gene: Twister_54 Start: 37981, Stop: 37322, Start Num: 8
Candidate Starts for Twister_54:
(Start: 8 @37981 has 629 MA's), (Start: 20 @37888 has 32 MA's), (Start: 36 @37822 has 23 MA's), (Start: 40 @37795 has 29 MA's), (Start: 51 @37732 has 4 MA's), (59, 37675), (67, 37627), (75, 37567), (78, 37549), (79, 37543), (81, 37528), (82, 37513), (100, 37405), (102, 37396), (107, 37378), (109, 37366), (117, 37330),

Gene: TwoPeat_56 Start: 38827, Stop: 38306, Start Num: 28
Candidate Starts for TwoPeat_56:
(Start: 11 @38950 has 29 MA's), (Start: 28 @38827 has 135 MA's), (Start: 40 @38776 has 29 MA's), (Start: 42 @38764 has 5 MA's), (62, 38635), (67, 38614), (68, 38596), (86, 38470), (87, 38467), (90, 38437), (94, 38419), (102, 38383), (109, 38353),

Gene: TygerBlood_55 Start: 38139, Stop: 37480, Start Num: 8
Candidate Starts for TygerBlood_55:
(Start: 8 @38139 has 629 MA's), (Start: 20 @38046 has 32 MA's), (Start: 24 @38028 has 1 MA's), (Start: 32 @37992 has 2 MA's), (Start: 36 @37980 has 23 MA's), (Start: 40 @37953 has 29 MA's), (Start: 43 @37938 has 1 MA's), (59, 37833), (78, 37707), (79, 37701), (81, 37686), (82, 37671), (94, 37590), (100, 37563), (102, 37554), (117, 37488),

Gene: U2_54 Start: 39847, Stop: 39374, Start Num: 40
Candidate Starts for U2_54:
(Start: 28 @39898 has 135 MA's), (Start: 36 @39874 has 23 MA's), (Start: 40 @39847 has 29 MA's), (Start: 42 @39835 has 5 MA's), (Start: 50 @39787 has 1 MA's), (66, 39688), (72, 39637), (86, 39541), (87, 39538), (90, 39508), (94, 39490), (102, 39454), (109, 39421), (110, 39418),

Gene: Ugenie5_56 Start: 39139, Stop: 38510, Start Num: 8
Candidate Starts for Ugenie5_56:
(Start: 8 @39139 has 629 MA's), (Start: 20 @39046 has 32 MA's), (Start: 25 @39022 has 5 MA's), (Start: 36 @38998 has 23 MA's), (Start: 40 @38971 has 29 MA's), (Start: 43 @38956 has 1 MA's), (59, 38860), (60, 38854), (66, 38815), (68, 38794), (86, 38668), (90, 38635), (102, 38581), (109, 38551),

Gene: UhSalsa_48 Start: 35222, Stop: 34563, Start Num: 8
Candidate Starts for UhSalsa_48:
(Start: 8 @35222 has 629 MA's), (Start: 25 @35099 has 5 MA's), (Start: 36 @35063 has 23 MA's), (Start: 40 @35036 has 29 MA's), (Start: 45 @35006 has 2 MA's), (Start: 50 @34976 has 1 MA's), (Start: 51 @34973 has 4 MA's), (52, 34967), (59, 34916), (66, 34871), (68, 34850), (79, 34784), (107, 34619), (110, 34604),

Gene: Ulysses_54 Start: 37816, Stop: 37157, Start Num: 8
Candidate Starts for Ulysses_54:
(Start: 8 @37816 has 629 MA's), (Start: 20 @37723 has 32 MA's), (Start: 24 @37705 has 1 MA's), (Start: 32 @37669 has 2 MA's), (Start: 36 @37657 has 23 MA's), (Start: 40 @37630 has 29 MA's), (Start: 43 @37615 has 1 MA's), (59, 37510), (78, 37384), (79, 37378), (81, 37363), (82, 37348), (94, 37267), (100, 37240), (102, 37231), (117, 37165),

Gene: UnionJack_55 Start: 38095, Stop: 37433, Start Num: 8
Candidate Starts for UnionJack_55:
(Start: 8 @38095 has 629 MA's), (Start: 20 @38002 has 32 MA's), (Start: 24 @37984 has 1 MA's), (Start: 32 @37942 has 2 MA's), (Start: 36 @37930 has 23 MA's), (Start: 40 @37903 has 29 MA's), (Start: 42 @37891 has 5 MA's), (68, 37726), (79, 37660), (80, 37651), (82, 37630), (86, 37600), (88, 37594), (90, 37567), (94, 37549), (100, 37522), (102, 37513), (107, 37495), (109, 37483), (110, 37480),

Gene: Unstoppable_39 Start: 27970, Stop: 28476, Start Num: 36
Candidate Starts for Unstoppable_39:
(Start: 6 @27811 has 40 MA's), (Start: 8 @27826 has 629 MA's), (Start: 10 @27829 has 1 MA's), (Start: 36 @27970 has 23 MA's), (Start: 51 @28054 has 4 MA's), (59, 28111), (60, 28117), (62, 28138), (63, 28147), (70, 28183), (72, 28207), (75, 28219), (77, 28228), (78, 28237), (83, 28282), (101, 28384), (106, 28405), (115, 28453),

Gene: Updawg_60 Start: 38998, Stop: 38366, Start Num: 8
Candidate Starts for Updawg_60:
(Start: 8 @38998 has 629 MA's), (Start: 20 @38905 has 32 MA's), (Start: 36 @38851 has 23 MA's), (Start: 45 @38794 has 2 MA's), (55, 38740), (59, 38716), (60, 38710), (68, 38650), (78, 38590), (81, 38569), (86, 38524), (90, 38491), (102, 38437),

Gene: Urza_41 Start: 28667, Stop: 29332, Start Num: 6
Candidate Starts for Urza_41:
(Start: 6 @28667 has 40 MA's), (Start: 8 @28682 has 629 MA's), (Start: 35 @28823 has 2 MA's), (59, 28967), (72, 29063), (83, 29138), (101, 29240), (106, 29261), (108, 29276),

Gene: VA6_60 Start: 39153, Stop: 38614, Start Num: 20
Candidate Starts for VA6_60:
(Start: 20 @39153 has 32 MA's), (Start: 36 @39099 has 23 MA's), (Start: 45 @39042 has 2 MA's), (60, 38958), (68, 38898), (79, 38832), (86, 38772), (90, 38739), (94, 38721), (102, 38685),

Gene: VC3_62 Start: 39337, Stop: 38705, Start Num: 8
Candidate Starts for VC3_62:
(Start: 8 @39337 has 629 MA's), (Start: 20 @39244 has 32 MA's), (Start: 36 @39190 has 23 MA's), (Start: 40 @39163 has 29 MA's), (Start: 45 @39133 has 2 MA's), (59, 39055), (60, 39049), (68, 38989), (81, 38908), (86, 38863), (90, 38830), (94, 38812), (102, 38776),

Gene: Vanisoa_59 Start: 39952, Stop: 39326, Start Num: 8
Candidate Starts for Vanisoa_59:
(Start: 8 @39952 has 629 MA's), (Start: 15 @39916 has 1 MA's), (Start: 20 @39859 has 32 MA's), (Start: 36 @39811 has 23 MA's), (Start: 40 @39784 has 29 MA's), (Start: 42 @39772 has 5 MA's), (Start: 45 @39754 has 2 MA's), (59, 39676), (60, 39670), (68, 39610), (75, 39568), (78, 39550), (79, 39544), (86, 39484), (90, 39451), (102, 39397),

Gene: Vanseggelen_45 Start: 29600, Stop: 30022, Start Num: 51
Candidate Starts for Vanseggelen_45:
(Start: 6 @29357 has 40 MA's), (Start: 8 @29372 has 629 MA's), (Start: 51 @29600 has 4 MA's), (59, 29657), (60, 29663), (62, 29684), (63, 29693), (72, 29753), (73, 29756), (75, 29765), (83, 29828), (101, 29930),

Gene: Verabelle_43 Start: 30009, Stop: 30431, Start Num: 51
Candidate Starts for Verabelle_43:
(Start: 6 @29766 has 40 MA's), (Start: 8 @29781 has 629 MA's), (Start: 51 @30009 has 4 MA's), (59, 30066), (60, 30072), (62, 30093), (63, 30102), (72, 30162), (73, 30165), (75, 30174), (83, 30237), (101, 30339), (106, 30360),

Gene: Veracruz_56 Start: 38514, Stop: 37852, Start Num: 8
Candidate Starts for Veracruz_56:
(Start: 8 @38514 has 629 MA's), (Start: 20 @38421 has 32 MA's), (Start: 23 @38406 has 2 MA's), (Start: 32 @38367 has 2 MA's), (Start: 36 @38355 has 23 MA's), (Start: 40 @38328 has 29 MA's), (59, 38208), (67, 38160), (75, 38100), (78, 38082), (79, 38076), (81, 38061), (82, 38046), (102, 37929), (107, 37911),

Gene: Verse_40 Start: 30508, Stop: 31173, Start Num: 6
Candidate Starts for Verse_40:
(Start: 6 @30508 has 40 MA's), (Start: 8 @30523 has 629 MA's), (21, 30616), (Start: 51 @30751 has 4 MA's), (59, 30808), (60, 30814), (62, 30835), (63, 30844), (72, 30904), (73, 30907), (75, 30916), (83, 30979), (101, 31081), (106, 31102),

Gene: VieEnRose_40 Start: 28747, Stop: 29256, Start Num: 35
Candidate Starts for VieEnRose_40:
(Start: 6 @28591 has 40 MA's), (Start: 8 @28606 has 629 MA's), (16, 28651), (Start: 35 @28747 has 2 MA's), (59, 28891), (72, 28987), (73, 28990), (83, 29062), (101, 29164), (106, 29185), (108, 29200),

Gene: Violet_53 Start: 39887, Stop: 39309, Start Num: 19
Candidate Starts for Violet_53:
(Start: 19 @39887 has 39 MA's), (Start: 28 @39830 has 135 MA's), (Start: 36 @39806 has 23 MA's), (Start: 40 @39779 has 29 MA's), (Start: 42 @39767 has 5 MA's), (Start: 50 @39719 has 1 MA's), (72, 39569), (86, 39473), (87, 39470), (90, 39440), (94, 39422), (102, 39386), (109, 39356),

Gene: Vix_61 Start: 38981, Stop: 38322, Start Num: 8
Candidate Starts for Vix_61:
(Start: 8 @38981 has 629 MA's), (Start: 20 @38888 has 32 MA's), (Start: 32 @38834 has 2 MA's), (Start: 36 @38822 has 23 MA's), (Start: 40 @38795 has 29 MA's), (59, 38675), (75, 38567), (78, 38549), (79, 38543), (94, 38432), (102, 38396), (107, 38378), (109, 38366),

Gene: VohminGhazi_60 Start: 37719, Stop: 37087, Start Num: 8
Candidate Starts for VohminGhazi_60:
(Start: 8 @37719 has 629 MA's), (Start: 20 @37626 has 32 MA's), (Start: 36 @37572 has 23 MA's), (Start: 45 @37515 has 2 MA's), (59, 37437), (68, 37371), (81, 37290), (86, 37245), (90, 37212), (94, 37194), (102, 37158), (109, 37128), (110, 37125),

Gene: Vrykolakas_58 Start: 30568, Stop: 29936, Start Num: 8
Candidate Starts for Vrykolakas_58:
(Start: 8 @30568 has 629 MA's), (Start: 12 @30550 has 45 MA's), (14, 30538), (Start: 45 @30370 has 2 MA's), (48, 30346), (66, 30244), (78, 30163), (86, 30097), (95, 30043), (96, 30040),

Gene: WRightOn_61 Start: 30707, Stop: 30075, Start Num: 8
Candidate Starts for WRightOn_61:
(Start: 8 @30707 has 629 MA's), (Start: 12 @30689 has 45 MA's), (14, 30677), (Start: 45 @30509 has 2 MA's), (48, 30485), (58, 30446), (66, 30383), (78, 30302), (86, 30236), (98, 30173),

Gene: Waits_66 Start: 38501, Stop: 37869, Start Num: 8
Candidate Starts for Waits_66:
(Start: 8 @38501 has 629 MA's), (Start: 12 @38483 has 45 MA's), (Start: 20 @38408 has 32 MA's), (Start: 40 @38330 has 29 MA's), (Start: 43 @38315 has 1 MA's), (Start: 45 @38300 has 2 MA's), (65, 38180), (66, 38177), (77, 38105), (81, 38075), (90, 37997), (102, 37943),

Gene: WalterMcMickey_54 Start: 37981, Stop: 37322, Start Num: 8
Candidate Starts for WalterMcMickey_54:
(Start: 8 @37981 has 629 MA's), (Start: 20 @37888 has 32 MA's), (Start: 36 @37822 has 23 MA's), (Start: 40 @37795 has 29 MA's), (Start: 51 @37732 has 4 MA's), (59, 37675), (67, 37627), (75, 37567), (78, 37549), (79, 37543), (81, 37528), (82, 37513), (100, 37405), (102, 37396), (107, 37378), (109, 37366), (117, 37330),

Gene: Wander_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Wander_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Warrior24_68 Start: 38935, Stop: 38303, Start Num: 8
Candidate Starts for Warrior24_68:
(Start: 8 @38935 has 629 MA's), (Start: 12 @38917 has 45 MA's), (Start: 20 @38842 has 32 MA's), (Start: 40 @38764 has 29 MA's), (Start: 43 @38749 has 1 MA's), (Start: 45 @38734 has 2 MA's), (65,

38614), (66, 38611), (77, 38539), (79, 38524), (81, 38509), (90, 38431), (102, 38377),

Gene: Watermelon_55 Start: 39236, Stop: 38592, Start Num: 11
Candidate Starts for Watermelon_55:
(Start: 11 @39236 has 29 MA's), (Start: 28 @39113 has 135 MA's), (Start: 40 @39062 has 29 MA's), (Start: 42 @39050 has 5 MA's), (62, 38921), (67, 38900), (68, 38882), (86, 38756), (90, 38723), (94, 38705), (102, 38669), (109, 38639),

Gene: Watson_62 Start: 38890, Stop: 38231, Start Num: 8
Candidate Starts for Watson_62:
(Start: 8 @38890 has 629 MA's), (Start: 20 @38797 has 32 MA's), (Start: 32 @38743 has 2 MA's), (Start: 36 @38731 has 23 MA's), (Start: 40 @38704 has 29 MA's), (59, 38584), (75, 38476), (78, 38458), (79, 38452), (94, 38341), (102, 38305), (107, 38287), (109, 38275),

Gene: WeiHuaDA_59 Start: 39771, Stop: 39139, Start Num: 8
Candidate Starts for WeiHuaDA_59:
(Start: 8 @39771 has 629 MA's), (Start: 20 @39678 has 32 MA's), (Start: 36 @39624 has 23 MA's), (Start: 40 @39597 has 29 MA's), (Start: 43 @39582 has 1 MA's), (Start: 45 @39567 has 2 MA's), (60, 39483), (66, 39444), (68, 39423), (79, 39357), (86, 39297), (90, 39264), (102, 39210),

Gene: Werner_39 Start: 28205, Stop: 28855, Start Num: 8
Candidate Starts for Werner_39:
(Start: 6 @28190 has 40 MA's), (Start: 8 @28205 has 629 MA's), (Start: 10 @28208 has 1 MA's), (Start: 36 @28349 has 23 MA's), (Start: 51 @28433 has 4 MA's), (59, 28490), (60, 28496), (62, 28517), (70, 28562), (72, 28586), (75, 28598), (77, 28607), (78, 28616), (83, 28661), (86, 28682), (101, 28763), (106, 28784), (115, 28832),

Gene: Whabigail7_60 Start: 39336, Stop: 38704, Start Num: 8
Candidate Starts for Whabigail7_60:
(Start: 8 @39336 has 629 MA's), (Start: 20 @39243 has 32 MA's), (Start: 36 @39189 has 23 MA's), (Start: 45 @39132 has 2 MA's), (60, 39048), (68, 38988), (78, 38928), (86, 38862), (90, 38829), (102, 38775),

Gene: Whatever_39 Start: 28190, Stop: 28855, Start Num: 6
Candidate Starts for Whatever_39:
(Start: 6 @28190 has 40 MA's), (Start: 8 @28205 has 629 MA's), (Start: 10 @28208 has 1 MA's), (Start: 36 @28349 has 23 MA's), (Start: 51 @28433 has 4 MA's), (59, 28490), (60, 28496), (62, 28517), (70, 28562), (72, 28586), (75, 28598), (77, 28607), (78, 28616), (83, 28661), (86, 28682), (101, 28763), (106, 28784), (115, 28832),

Gene: Wheeler_55 Start: 38989, Stop: 38468, Start Num: 28
Candidate Starts for Wheeler_55:
(Start: 28 @38989 has 135 MA's), (Start: 36 @38965 has 23 MA's), (Start: 40 @38938 has 29 MA's), (Start: 42 @38926 has 5 MA's), (Start: 50 @38878 has 1 MA's), (72, 38728), (86, 38632), (87, 38629), (90, 38599), (94, 38581), (102, 38545), (109, 38515), (112, 38500),

Gene: Whitspit_52 Start: 36559, Stop: 36038, Start Num: 28
Candidate Starts for Whitspit_52:
(Start: 28 @36559 has 135 MA's), (Start: 36 @36535 has 23 MA's), (Start: 40 @36508 has 29 MA's), (Start: 42 @36496 has 5 MA's), (Start: 50 @36448 has 1 MA's), (66, 36349), (72, 36298), (86, 36202), (90, 36169), (94, 36151), (102, 36115), (109, 36085), (110, 36082),

Gene: WideWale_60 Start: 38998, Stop: 38366, Start Num: 8

Candidate Starts for WideWale_60:
(Start: 8 @38998 has 629 MA's), (Start: 20 @38905 has 32 MA's), (Start: 36 @38851 has 23 MA's), (Start: 45 @38794 has 2 MA's), (55, 38740), (59, 38716), (60, 38710), (68, 38650), (78, 38590), (81, 38569), (86, 38524), (90, 38491), (102, 38437),

Gene: Wiks_60 Start: 37833, Stop: 37201, Start Num: 8
Candidate Starts for Wiks_60:
(Start: 8 @37833 has 629 MA's), (Start: 20 @37740 has 32 MA's), (Start: 36 @37686 has 23 MA's), (Start: 45 @37629 has 2 MA's), (60, 37545), (68, 37485), (86, 37359), (90, 37326), (94, 37308), (102, 37272), (107, 37254), (109, 37242), (110, 37239),

Gene: Wilbur_55 Start: 38136, Stop: 37477, Start Num: 8
Candidate Starts for Wilbur_55:
(Start: 8 @38136 has 629 MA's), (Start: 20 @38043 has 32 MA's), (Start: 24 @38025 has 1 MA's), (Start: 32 @37989 has 2 MA's), (Start: 36 @37977 has 23 MA's), (Start: 40 @37950 has 29 MA's), (Start: 43 @37935 has 1 MA's), (59, 37830), (78, 37704), (79, 37698), (81, 37683), (82, 37668), (94, 37587), (100, 37560), (102, 37551), (117, 37485),

Gene: Wile_54 Start: 38123, Stop: 37464, Start Num: 8
Candidate Starts for Wile_54:
(Start: 8 @38123 has 629 MA's), (Start: 20 @38030 has 32 MA's), (Start: 24 @38012 has 1 MA's), (Start: 32 @37976 has 2 MA's), (Start: 36 @37964 has 23 MA's), (Start: 40 @37937 has 29 MA's), (Start: 43 @37922 has 1 MA's), (59, 37817), (78, 37691), (81, 37670), (82, 37655), (94, 37574), (102, 37538), (117, 37472),

Gene: Wilkins_54 Start: 38503, Stop: 37982, Start Num: 28
Candidate Starts for Wilkins_54:
(Start: 28 @38503 has 135 MA's), (Start: 36 @38479 has 23 MA's), (Start: 40 @38452 has 29 MA's), (Start: 42 @38440 has 5 MA's), (Start: 50 @38392 has 1 MA's), (66, 38293), (72, 38242), (86, 38146), (87, 38143), (90, 38113), (94, 38095), (95, 38092), (102, 38059), (109, 38029), (110, 38026),

Gene: Wizard007_55 Start: 38144, Stop: 37485, Start Num: 8
Candidate Starts for Wizard007_55:
(Start: 8 @38144 has 629 MA's), (Start: 20 @38051 has 32 MA's), (Start: 24 @38033 has 1 MA's), (Start: 32 @37997 has 2 MA's), (Start: 36 @37985 has 23 MA's), (Start: 40 @37958 has 29 MA's), (Start: 43 @37943 has 1 MA's), (59, 37838), (78, 37712), (79, 37706), (81, 37691), (82, 37676), (94, 37595), (100, 37568), (102, 37559), (117, 37493),

Gene: Wizzo_30 Start: 20840, Stop: 20169, Start Num: 12
Candidate Starts for Wizzo_30:
(Start: 12 @20840 has 45 MA's), (Start: 45 @20627 has 2 MA's), (Start: 51 @20588 has 4 MA's), (59, 20531), (63, 20495), (66, 20486), (68, 20465), (72, 20435), (92, 20300), (100, 20258), (112, 20201), (116, 20180),

Gene: Wolpertinger_58 Start: 38115, Stop: 37561, Start Num: 20
Candidate Starts for Wolpertinger_58:
(Start: 8 @38208 has 629 MA's), (Start: 20 @38115 has 32 MA's), (Start: 36 @38061 has 23 MA's), (Start: 40 @38034 has 29 MA's), (Start: 45 @38004 has 2 MA's), (60, 37908), (68, 37848), (79, 37782), (81, 37767), (86, 37722), (89, 37713), (90, 37689), (102, 37635), (110, 37602),

Gene: Wooldri_64 Start: 38810, Stop: 38151, Start Num: 8
Candidate Starts for Wooldri_64:

(Start: 8 @38810 has 629 MA's), (Start: 20 @38717 has 32 MA's), (Start: 32 @38663 has 2 MA's), (Start: 36 @38651 has 23 MA's), (Start: 40 @38624 has 29 MA's), (59, 38504), (75, 38396), (78, 38378), (79, 38372), (94, 38261), (102, 38225), (107, 38207), (109, 38195),

Gene: WorldCup_58 Start: 38618, Stop: 37992, Start Num: 8
Candidate Starts for WorldCup_58:
(Start: 8 @38618 has 629 MA's), (Start: 15 @38582 has 1 MA's), (Start: 20 @38525 has 32 MA's), (Start: 36 @38477 has 23 MA's), (Start: 40 @38450 has 29 MA's), (Start: 42 @38438 has 5 MA's), (Start: 45 @38420 has 2 MA's), (59, 38342), (68, 38276), (75, 38234), (78, 38216), (81, 38195), (86, 38150), (90, 38117), (102, 38063),

Gene: WunderPhul_61 Start: 37831, Stop: 37199, Start Num: 8
Candidate Starts for WunderPhul_61:
(Start: 8 @37831 has 629 MA's), (Start: 20 @37738 has 32 MA's), (Start: 36 @37684 has 23 MA's), (Start: 45 @37627 has 2 MA's), (60, 37543), (68, 37483), (86, 37357), (90, 37324), (94, 37306), (102, 37270), (107, 37252), (109, 37240), (110, 37237),

Gene: Xena_53 Start: 38089, Stop: 37430, Start Num: 8
Candidate Starts for Xena_53:
(Start: 8 @38089 has 629 MA's), (Start: 20 @37996 has 32 MA's), (Start: 24 @37978 has 1 MA's), (Start: 32 @37942 has 2 MA's), (Start: 36 @37930 has 23 MA's), (Start: 40 @37903 has 29 MA's), (Start: 43 @37888 has 1 MA's), (59, 37783), (78, 37657), (81, 37636), (82, 37621), (94, 37540), (102, 37504), (117, 37438),

Gene: XianYue_57 Start: 38494, Stop: 37862, Start Num: 8
Candidate Starts for XianYue_57:
(Start: 8 @38494 has 629 MA's), (Start: 20 @38401 has 32 MA's), (Start: 36 @38347 has 23 MA's), (Start: 40 @38320 has 29 MA's), (Start: 43 @38305 has 1 MA's), (60, 38206), (68, 38146), (86, 38020), (90, 37987), (102, 37933),

Gene: Yasdnil_39 Start: 28242, Stop: 28907, Start Num: 6
Candidate Starts for Yasdnil_39:
(Start: 6 @28242 has 40 MA's), (Start: 8 @28257 has 629 MA's), (Start: 10 @28260 has 1 MA's), (Start: 51 @28485 has 4 MA's), (59, 28542), (60, 28548), (62, 28569), (70, 28614), (72, 28638), (75, 28650), (77, 28659), (78, 28668), (83, 28713), (86, 28734), (101, 28815), (106, 28836), (115, 28884),

Gene: Yecey3_60 Start: 38719, Stop: 38093, Start Num: 8
Candidate Starts for Yecey3_60:
(Start: 8 @38719 has 629 MA's), (16, 38674), (Start: 20 @38626 has 32 MA's), (Start: 23 @38611 has 2 MA's), (Start: 36 @38578 has 23 MA's), (Start: 45 @38521 has 2 MA's), (59, 38443), (60, 38437), (68, 38377), (78, 38317), (79, 38311), (86, 38251), (102, 38164),

Gene: YoSam321_55 Start: 38133, Stop: 37474, Start Num: 8
Candidate Starts for YoSam321_55:
(Start: 8 @38133 has 629 MA's), (Start: 20 @38040 has 32 MA's), (Start: 24 @38022 has 1 MA's), (Start: 32 @37986 has 2 MA's), (Start: 36 @37974 has 23 MA's), (Start: 40 @37947 has 29 MA's), (Start: 43 @37932 has 1 MA's), (59, 37827), (78, 37701), (79, 37695), (81, 37680), (82, 37665), (94, 37584), (100, 37557), (102, 37548), (117, 37482),

Gene: Yogi_47 Start: 35251, Stop: 34592, Start Num: 8
Candidate Starts for Yogi_47:
(Start: 8 @35251 has 629 MA's), (Start: 25 @35128 has 5 MA's), (Start: 36 @35092 has 23 MA's), (Start: 40 @35065 has 29 MA's), (Start: 45 @35035 has 2 MA's), (Start: 50 @35005 has 1 MA's),

(Start: 51 @35002 has 4 MA's), (52, 34996), (59, 34945), (66, 34900), (68, 34879), (79, 34813), (107, 34648), (110, 34633),

Gene: Yokurt_61 Start: 37833, Stop: 37201, Start Num: 8
Candidate Starts for Yokurt_61:
(Start: 8 @37833 has 629 MA's), (Start: 20 @37740 has 32 MA's), (Start: 36 @37686 has 23 MA's), (Start: 45 @37629 has 2 MA's), (60, 37545), (68, 37485), (86, 37359), (90, 37326), (94, 37308), (102, 37272), (107, 37254), (109, 37242), (110, 37239),

Gene: Yoncess_47 Start: 35034, Stop: 34375, Start Num: 8
Candidate Starts for Yoncess_47:
(Start: 8 @35034 has 629 MA's), (Start: 25 @34911 has 5 MA's), (Start: 36 @34875 has 23 MA's), (Start: 40 @34848 has 29 MA's), (Start: 45 @34818 has 2 MA's), (Start: 50 @34788 has 1 MA's), (Start: 51 @34785 has 4 MA's), (52, 34779), (59, 34728), (66, 34683), (68, 34662), (79, 34596), (107, 34431), (110, 34416),

Gene: Yosif_42 Start: 30304, Stop: 30969, Start Num: 6
Candidate Starts for Yosif_42:
(Start: 6 @30304 has 40 MA's), (Start: 8 @30319 has 629 MA's), (16, 30364), (59, 30604), (66, 30649), (72, 30700), (83, 30775), (101, 30877), (106, 30898),

Gene: Zainub_42 Start: 29607, Stop: 30269, Start Num: 5
Candidate Starts for Zainub_42:
(Start: 5 @29607 has 33 MA's), (14, 29655), (16, 29670), (18, 29691), (27, 29748), (Start: 42 @29808 has 5 MA's), (62, 29937), (81, 30057), (83, 30081), (113, 30237), (115, 30249),

Gene: Zaka_61 Start: 37833, Stop: 37201, Start Num: 8
Candidate Starts for Zaka_61:
(Start: 8 @37833 has 629 MA's), (Start: 20 @37740 has 32 MA's), (Start: 36 @37686 has 23 MA's), (Start: 45 @37629 has 2 MA's), (60, 37545), (68, 37485), (86, 37359), (90, 37326), (94, 37308), (102, 37272), (107, 37254), (109, 37242), (110, 37239),

Gene: ZamZam_40 Start: 29801, Stop: 30466, Start Num: 6
Candidate Starts for ZamZam_40:
(Start: 6 @29801 has 40 MA's), (Start: 8 @29816 has 629 MA's), (21, 29909), (Start: 51 @30044 has 4 MA's), (59, 30101), (60, 30107), (62, 30128), (63, 30137), (72, 30197), (73, 30200), (75, 30209), (83, 30272), (106, 30395), (115, 30443),

Gene: Zarafa_58 Start: 38465, Stop: 37803, Start Num: 8
Candidate Starts for Zarafa_58:
(Start: 8 @38465 has 629 MA's), (Start: 20 @38372 has 32 MA's), (Start: 32 @38318 has 2 MA's), (Start: 36 @38306 has 23 MA's), (Start: 40 @38279 has 29 MA's), (Start: 43 @38264 has 1 MA's), (Start: 51 @38216 has 4 MA's), (59, 38159), (67, 38111), (75, 38051), (79, 38027), (81, 38012), (82, 37997), (86, 37967), (94, 37916), (102, 37880), (107, 37862), (117, 37814),

Gene: Zeeculate_53 Start: 39869, Stop: 39348, Start Num: 28
Candidate Starts for Zeeculate_53:
(Start: 28 @39869 has 135 MA's), (Start: 36 @39845 has 23 MA's), (Start: 40 @39818 has 29 MA's), (Start: 42 @39806 has 5 MA's), (Start: 50 @39758 has 1 MA's), (72, 39608), (86, 39512), (90, 39479), (94, 39461), (102, 39425), (109, 39395),

Gene: Zeigle_57 Start: 30551, Stop: 29919, Start Num: 8
Candidate Starts for Zeigle_57:

(Start: 8 @30551 has 629 MA's), (Start: 12 @30533 has 45 MA's), (14, 30521), (Start: 45 @30353 has 2 MA's), (48, 30329), (58, 30290), (66, 30227), (78, 30146), (86, 30080), (98, 30017),

Gene: Zemlya_41 Start: 28738, Stop: 29403, Start Num: 6
Candidate Starts for Zemlya_41:
(Start: 6 @28738 has 40 MA's), (Start: 8 @28753 has 629 MA's), (Start: 10 @28756 has 1 MA's), (Start: 51 @28981 has 4 MA's), (59, 29038), (60, 29044), (62, 29065), (63, 29074), (70, 29110), (72, 29134), (75, 29146), (77, 29155), (78, 29164), (83, 29209), (86, 29230), (101, 29311), (106, 29332), (115, 29380),

Gene: Zephyr_55 Start: 38926, Stop: 38348, Start Num: 19
Candidate Starts for Zephyr_55:
(Start: 19 @38926 has 39 MA's), (Start: 28 @38869 has 135 MA's), (Start: 36 @38845 has 23 MA's), (Start: 40 @38818 has 29 MA's), (Start: 42 @38806 has 5 MA's), (Start: 50 @38758 has 1 MA's), (72, 38608), (86, 38512), (87, 38509), (90, 38479), (94, 38461), (102, 38425), (109, 38395), (110, 38392),

Gene: Zetzy_61 Start: 38461, Stop: 37802, Start Num: 8
Candidate Starts for Zetzy_61:
(Start: 8 @38461 has 629 MA's), (Start: 20 @38368 has 32 MA's), (Start: 32 @38314 has 2 MA's), (Start: 36 @38302 has 23 MA's), (Start: 40 @38275 has 29 MA's), (59, 38155), (75, 38047), (78, 38029), (79, 38023), (94, 37912), (102, 37876), (107, 37858), (109, 37846),

Gene: Zeuska_53 Start: 39537, Stop: 38959, Start Num: 19
Candidate Starts for Zeuska_53:
(Start: 19 @39537 has 39 MA's), (Start: 28 @39480 has 135 MA's), (Start: 36 @39456 has 23 MA's), (Start: 40 @39429 has 29 MA's), (Start: 42 @39417 has 5 MA's), (Start: 50 @39369 has 1 MA's), (66, 39270), (72, 39219), (86, 39123), (90, 39090), (94, 39072), (102, 39036), (109, 39006),

Gene: Zimmer_56 Start: 39879, Stop: 39253, Start Num: 8
Candidate Starts for Zimmer_56:
(Start: 8 @39879 has 629 MA's), (Start: 20 @39786 has 32 MA's), (Start: 36 @39738 has 23 MA's), (Start: 40 @39711 has 29 MA's), (Start: 43 @39696 has 1 MA's), (59, 39603), (60, 39597), (68, 39537), (78, 39477), (79, 39471), (86, 39411), (90, 39378), (94, 39360), (102, 39324), (110, 39291),

Gene: Zolita_55 Start: 39289, Stop: 38627, Start Num: 8
Candidate Starts for Zolita_55:
(Start: 8 @39289 has 629 MA's), (Start: 20 @39196 has 32 MA's), (Start: 24 @39178 has 1 MA's), (Start: 32 @39136 has 2 MA's), (Start: 36 @39124 has 23 MA's), (Start: 40 @39097 has 29 MA's), (Start: 42 @39085 has 5 MA's), (68, 38920), (79, 38854), (80, 38845), (82, 38824), (86, 38794), (88, 38788), (90, 38761), (100, 38716), (102, 38707), (107, 38689), (109, 38677), (110, 38674),

Gene: ZooBear_58 Start: 30975, Stop: 30343, Start Num: 8
Candidate Starts for ZooBear_58:
(Start: 8 @30975 has 629 MA's), (Start: 12 @30957 has 45 MA's), (14, 30945), (21, 30885), (Start: 45 @30777 has 2 MA's), (46, 30759), (48, 30753), (79, 30564), (86, 30504),

Gene: Zulu_62 Start: 38211, Stop: 37579, Start Num: 8
Candidate Starts for Zulu_62:
(Start: 8 @38211 has 629 MA's), (Start: 20 @38118 has 32 MA's), (Start: 36 @38064 has 23 MA's), (Start: 45 @38007 has 2 MA's), (60, 37923), (68, 37863), (86, 37737), (90, 37704), (94, 37686), (102, 37650), (107, 37632), (109, 37620), (110, 37617),

Gene: phiCAM_38 Start: 31902, Stop: 32324, Start Num: 51

Candidate Starts for phiCAM_38:
(Start: 6 @31659 has 40 MA's), (Start: 8 @31674 has 629 MA's), (Start: 51 @31902 has 4 MA's), (59, 31959), (60, 31965), (62, 31986), (63, 31995), (72, 32055), (73, 32058), (75, 32067), (83, 32130), (101, 32232), (106, 32253), (115, 32301),

Gene: phiHau3_41 Start: 28474, Stop: 28935, Start Num: 42
Candidate Starts for phiHau3_41:
(Start: 8 @28291 has 629 MA's), (14, 28321), (Start: 42 @28474 has 5 MA's), (62, 28603), (78, 28702), (81, 28723), (83, 28747), (86, 28768), (88, 28774), (106, 28870),