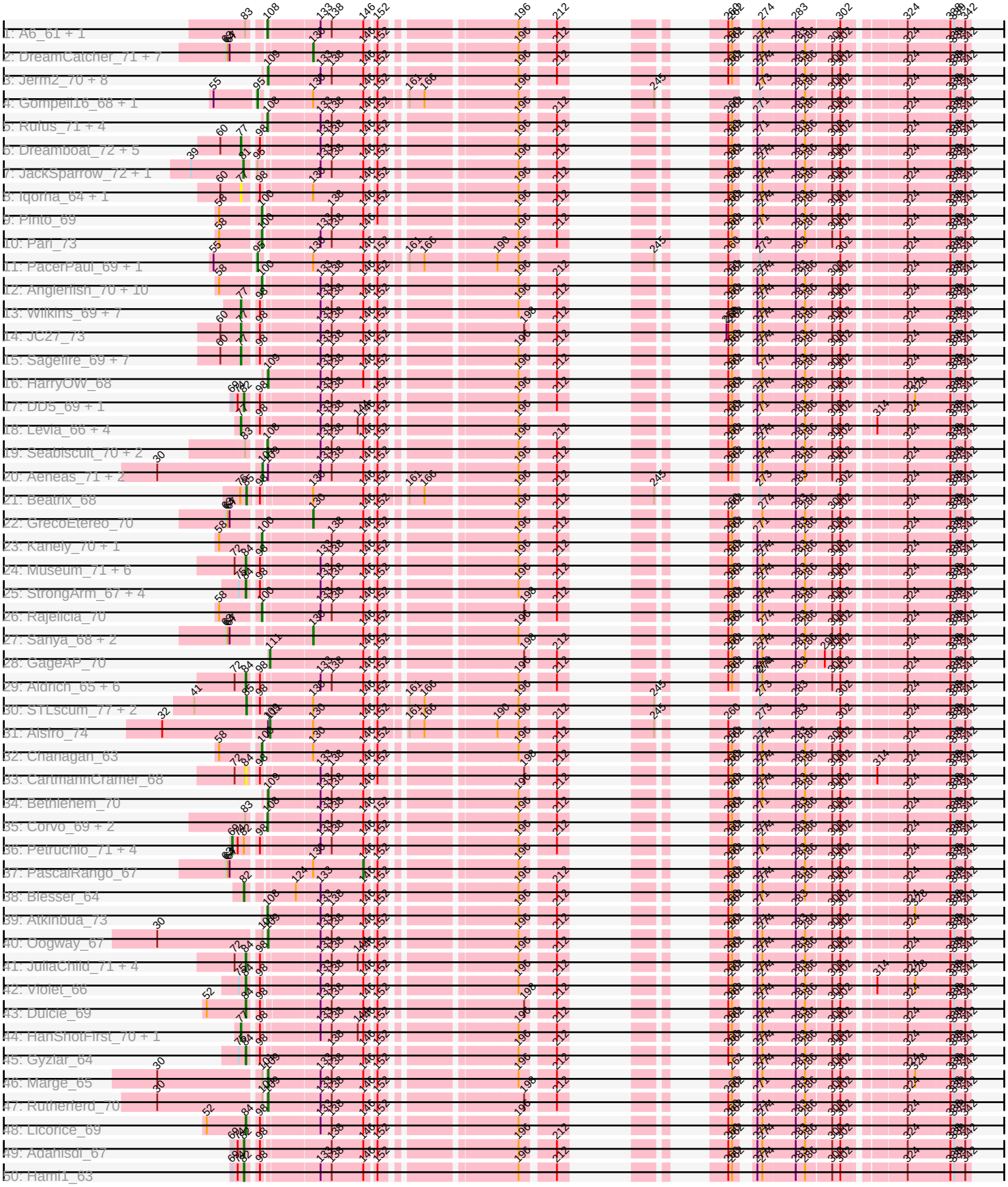
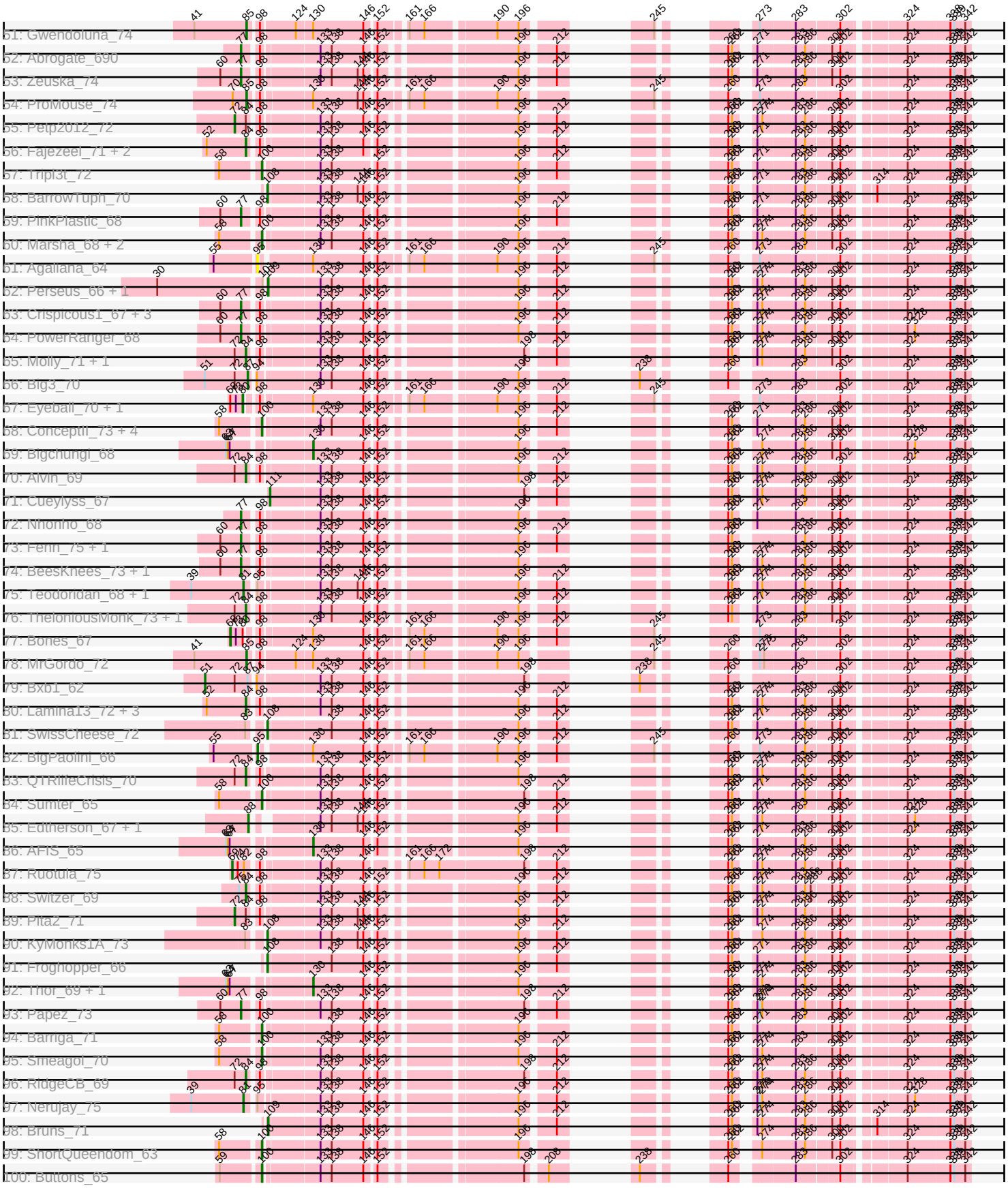
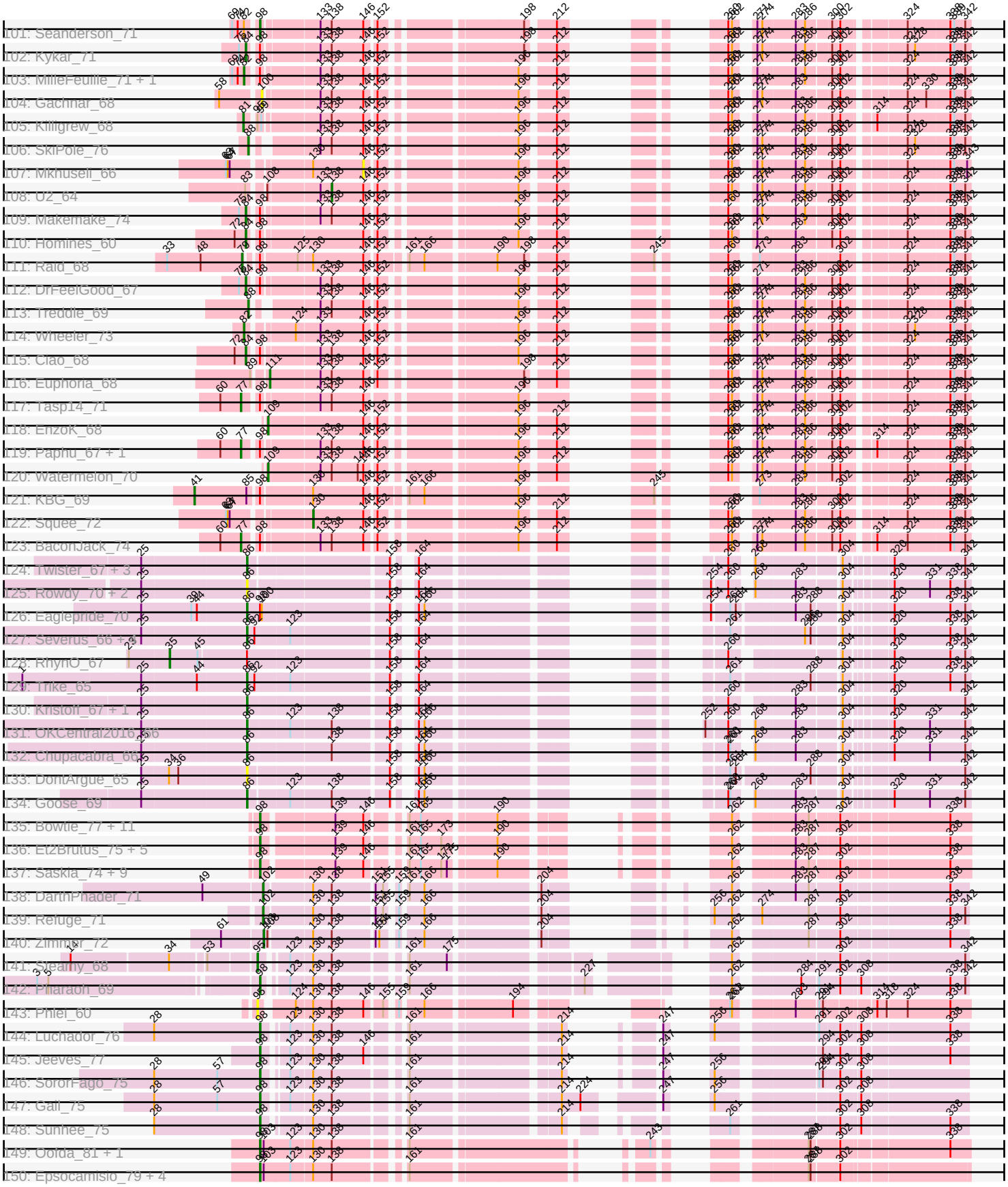
Pham 347021


1: A6_61 + 1
2: DreamCatcher_71 + 7
3: Jerm2_70 + 8
4: Gompeii16_68 + 1
5: Rufus_71 + 4
6: Dreamboat_72 + 5
7: JackSparrow_72 + 1
8: Iqorna_64 + 1
9: Pinto_69
10: Pari_73
11: PacerPaul_69 + 1
12: Anglerfish_70 + 10
13: Wilkins_69 + 7
14: JC27_73
15: Sagelfre_69 + 7
16: HarryOW_68
17: DD5_69 + 1
18: Levia_66 + 4
19: Seabiscuit_70 + 2
20: Aeneas_71 + 2
21: Beatrix_68
22: GrecoEtereo_70
23: Kanely_70 + 1
24: Museum_71 + 6
25: StrongArm_67 + 4
26: Rajelicia_70
27: Sanya_68 + 2
28: GageAP_70
29: Aldrich_65 + 6
30: STLscum_77 + 2
31: Alsiro_74
32: Chanagan_63
33: CartmannCramer_68
34: Bethlehem_70
35: Corvo_69 + 2
36: Petruchio_71 + 4
37: PascalRango_67
38: Blesser_64
39: Atkinbua_73
40: Oogway_67
41: JuliaChild_71 + 4
42: Violet_66
43: Dulcie_69
44: HanShotFirst_70 + 1
45: Gyzlar_64
46: Marge_65
47: Ruthenerd_70
48: Licorice_69
49: Adanisdi_67
50: Hamri_63

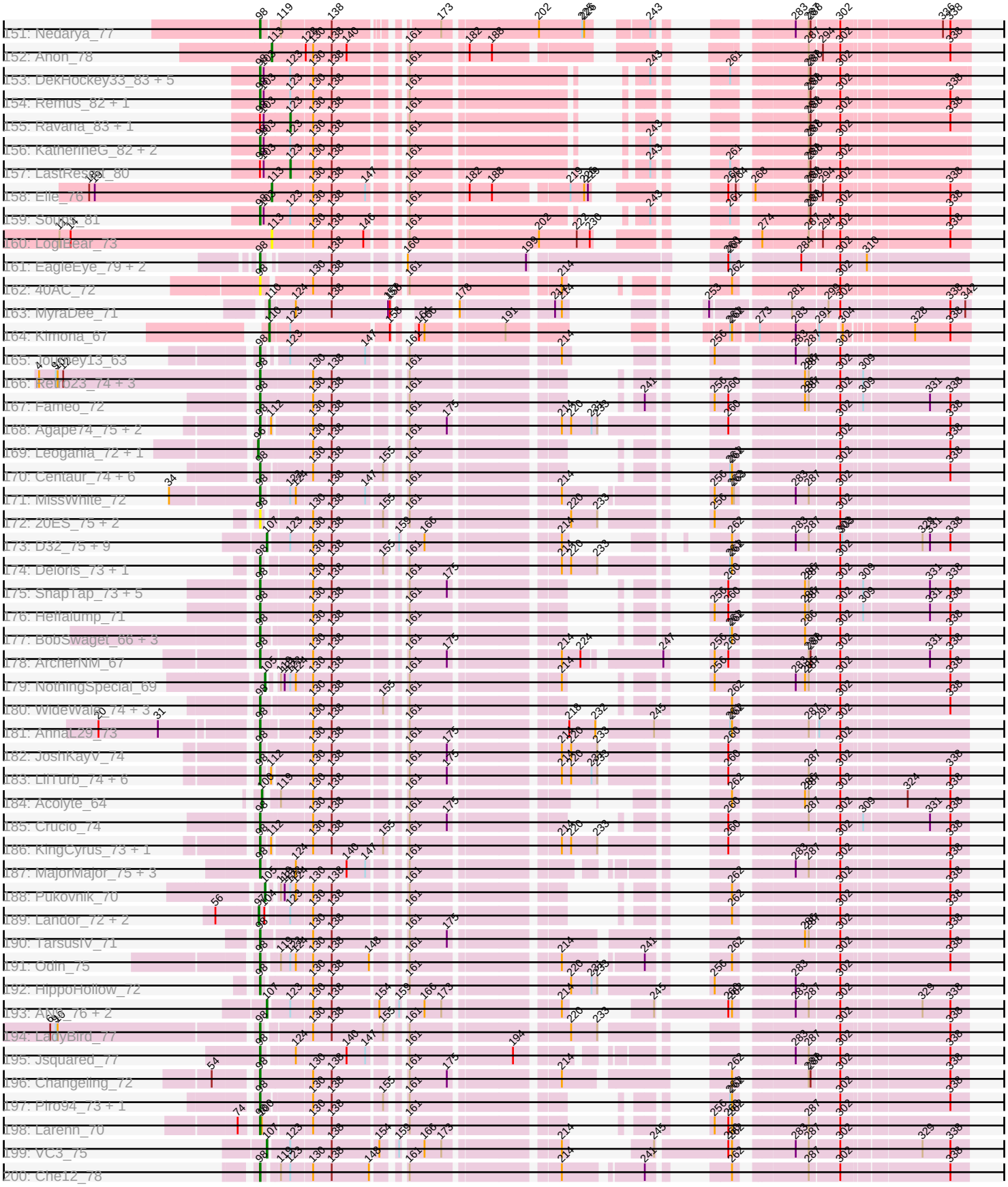
Pham 347021



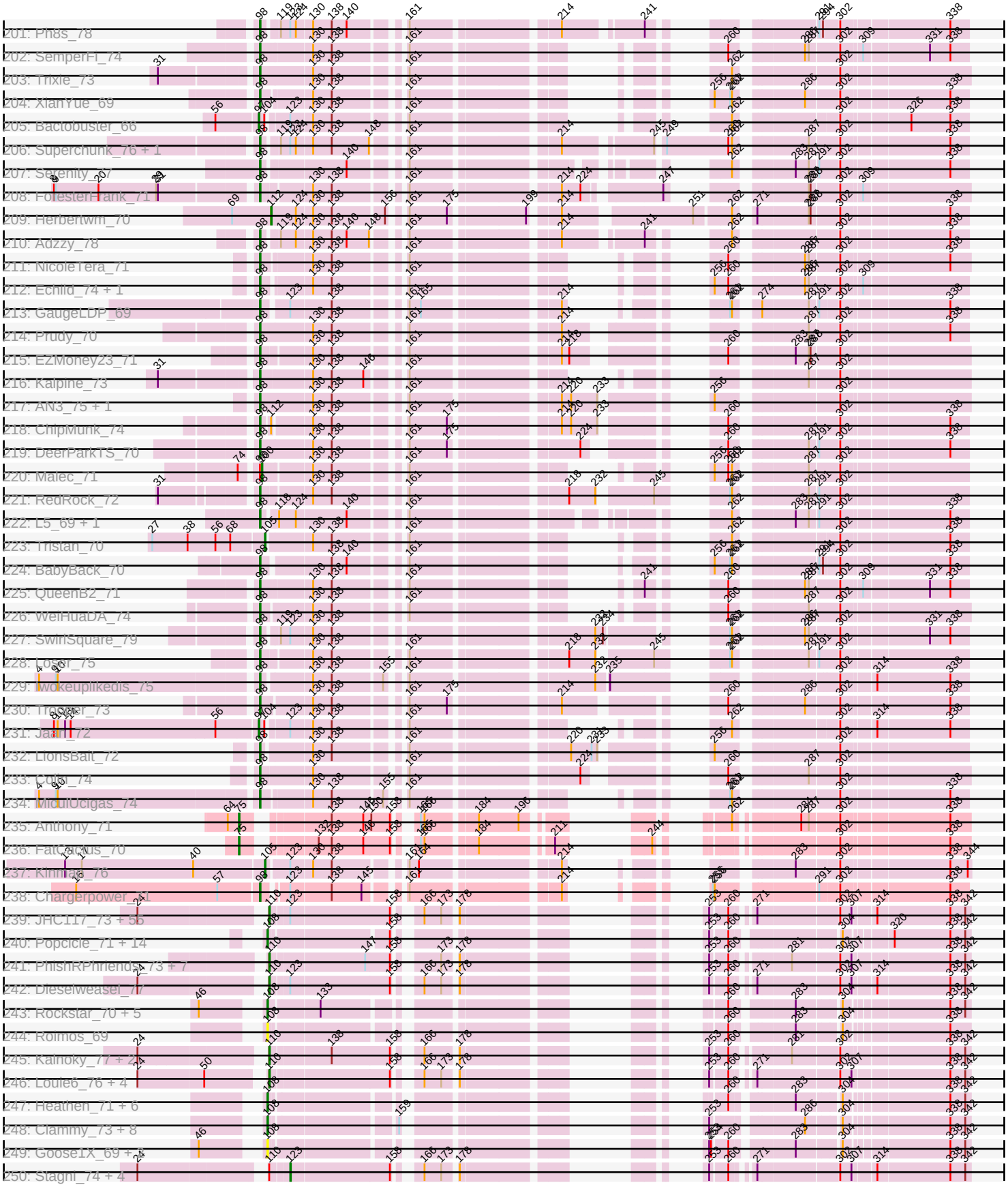
Pham 347021


I01: Seanderson_71
I02: Kykar_71
I03: MilleFeuille_71 + 1
I04: Gachnar_68
I05: Killigrew_68
I06: SkiPole_76
I07: Mknusell_66
I08: U2_64
I09: Makemake_74
I10: Homines_60
I11: Raid_68
I12: DrFeelGood_67
I13: Treddie_69
I14: Wheeler_73
I15: Ciao_68
I16: Euphoria_68
I17: Tasp14_71
I18: EnzoK_68
I19: Paphu_67 + 1
I20: Watermelon_70
I21: KBG_69
I22: Squee_72
I23: BaconJack_74
I24: Twister_67 + 3
I25: Rowdy_70 + 2
I26: Eaglepride_70
I27: Severus_66 + 2
I28: RhynO_67
I29: Trike_65
I30: Kristoff_67 + 1
I31: OKCentral2016_66
I32: Chupacabra_66
I33: DontArgue_65
I34: Goose_69
I35: Bowtie_77 + 11
I36: EtzBrutus_75 + 5
I37: Saskia_74 + 9
I38: DarthPhader_71
I39: Refuge_71
I40: Zimmer_72
I41: Stealthy_68
I42: Pharaoh_69
I43: Phiei_60
I44: Luchador_76
I45: Jeeves_77
I46: SororFago_75
I47: Gail_75
I48: Sunhee_75
I49: Oolda_81 + 1
I50: Epsocamisio_79 + 4

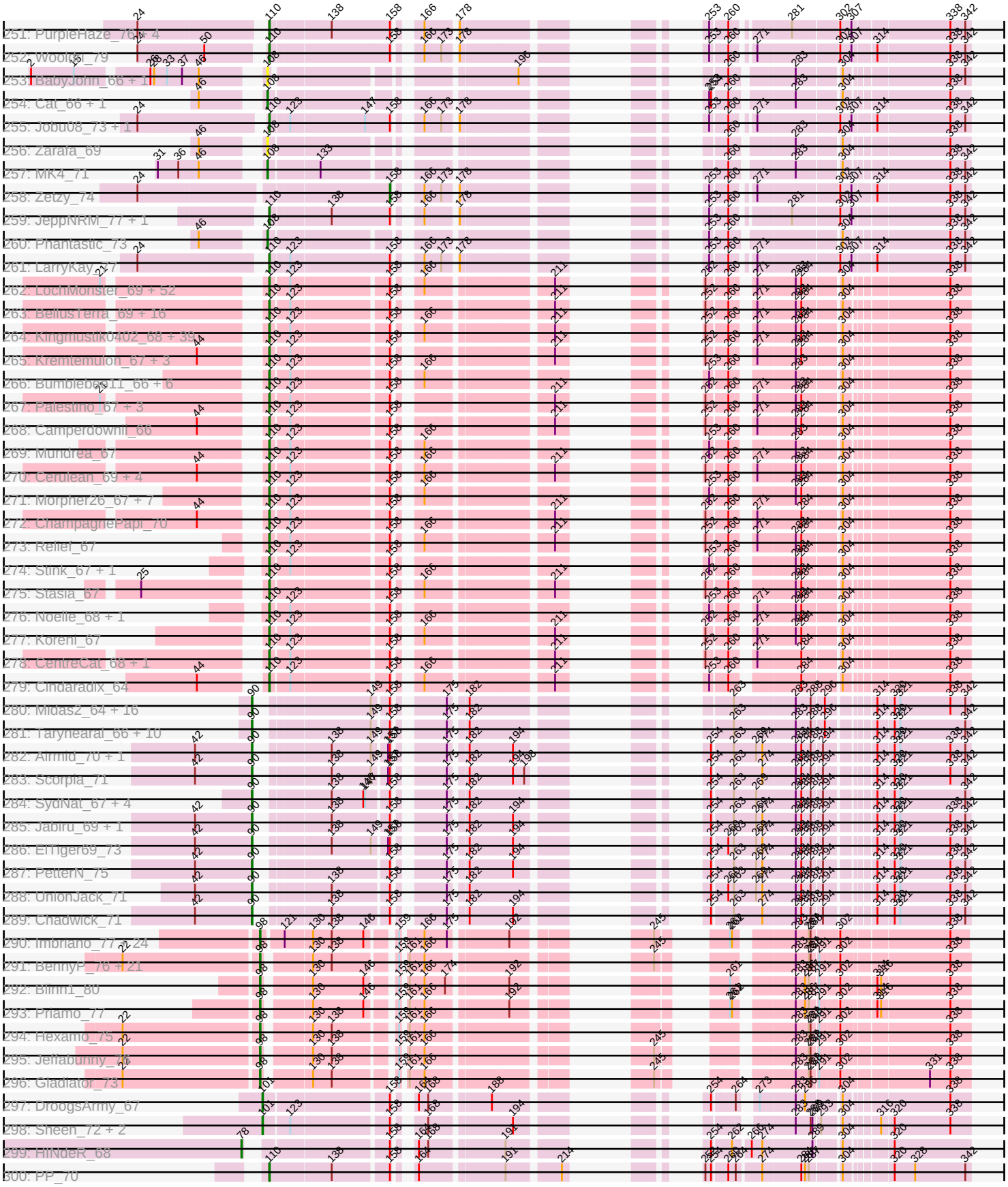
Pham 347021


151: Nedarya_77
152: Anon_78
153: DekHockey33_83 + 5
154: Remus_82 + 1
155: Ravana_83 + 1
156: KatherineG_82 + 2
157: LastResort_80
158: Elle_76
159: Solo4_81
160: LogiBear_73
161: EagleEye_79 + 2
162: 40AC_72
163: MyraDee_71
164: Kimona_67
165: Journey13_63
166: Reub23_74 + 3
167: Fameo_72
168: Agape74_75 + 2
169: Leogania_72 + 1
170: Centaur_74 + 6
171: MissWhite_72
172: 20ES_75 + 2
173: D32_75 + 9
174: Deloris_73 + 1
175: SnapTap_73 + 5
176: Hellalump_71
177: BobSwaget_66 + 3
178: ArcherNM_67
179: NothingSpecial_69
180: WideWale_74 + 3
181: AnnaL29_73
182: JoshKayV_74
183: LilTurb_74 + 6
184: Acolyte_64
185: Crucio_74
186: KingCyrus_73 + 1
187: MajorMajor_75 + 3
188: Pukovnik_70
189: Landor_72 + 2
190: TarsusIV_71
191: Odin_75
192: HippoHollow_72
193: AWG_76 + 2
194: LadyBird_77
195: Jsquared_77
196: Changeling_72
197: Piro94_73 + 1
198: Larenn_70
199: VC3_75
200: Che12_78

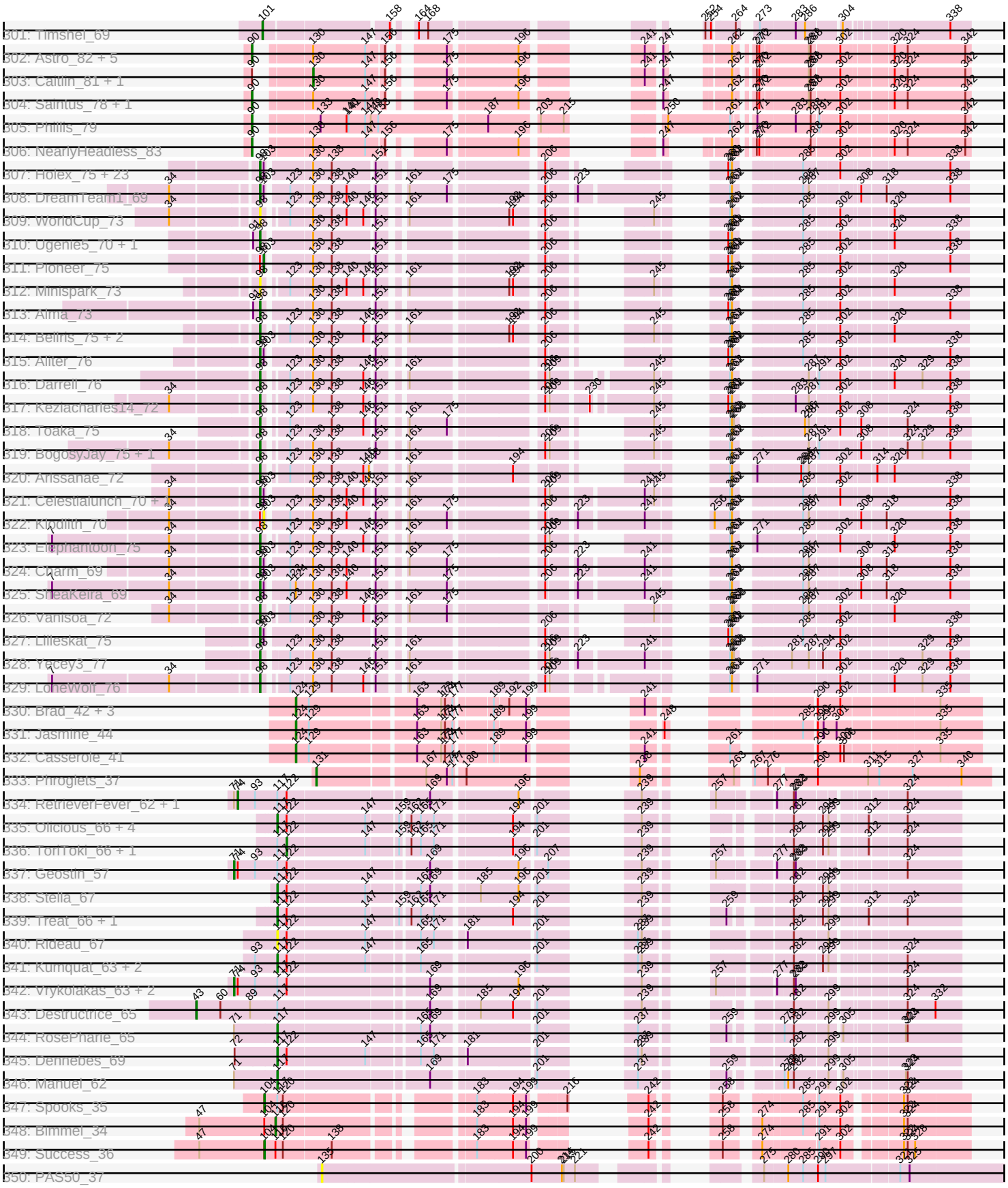
Pham 347021


201: Ph8s_78
202: SemperFI_74
203: Trixie_73
204: XianYue_69
205: Bactobuster_66
206: Superchunk_76 + 1
207: Serenity_67
208: ForesterHank_71
209: Herbertwm_70
210: Adzzy_78
211: NicoleTera_71
212: Echild_74 + 1
213: GaugeLDP_69
214: Prudy_70
215: EZMoney23_71
216: Kalpine_73
217: AN3_75 + 1
218: ChipMunk_74
219: DeerParkTS_70
220: Malec_71
221: RedRock_72
222: L5_69 + 1
223: Tristan_70
224: BabyBack_70
225: QueenB2_71
226: WeiHuaDA_74
227: SwimSquare_79
228: Loser_75
229: Wokeuplikedis_75
230: Trooper_73
231: Jaan_72
232: LionsBait_72
233: Cub_74
234: MidniOcigas_74
235: Anthony_71
236: FatCatJus_70
237: Kinnaird_76
238: Chargerpower_71
239: JHC117_73 + 5
240: Popcicle_71 + 14
241: PhishRPhriends_73 + 7
242: Dieselweasel_77
243: Rockstar_70 + 5
244: Roimos_69
245: Kalnoky_77 + 2
246: Louie6_76 + 4
247: Heathen_71 + 6
248: Clammy_73 + 8
249: Goose1X_69 + 6
250: Stagni_74 + 4

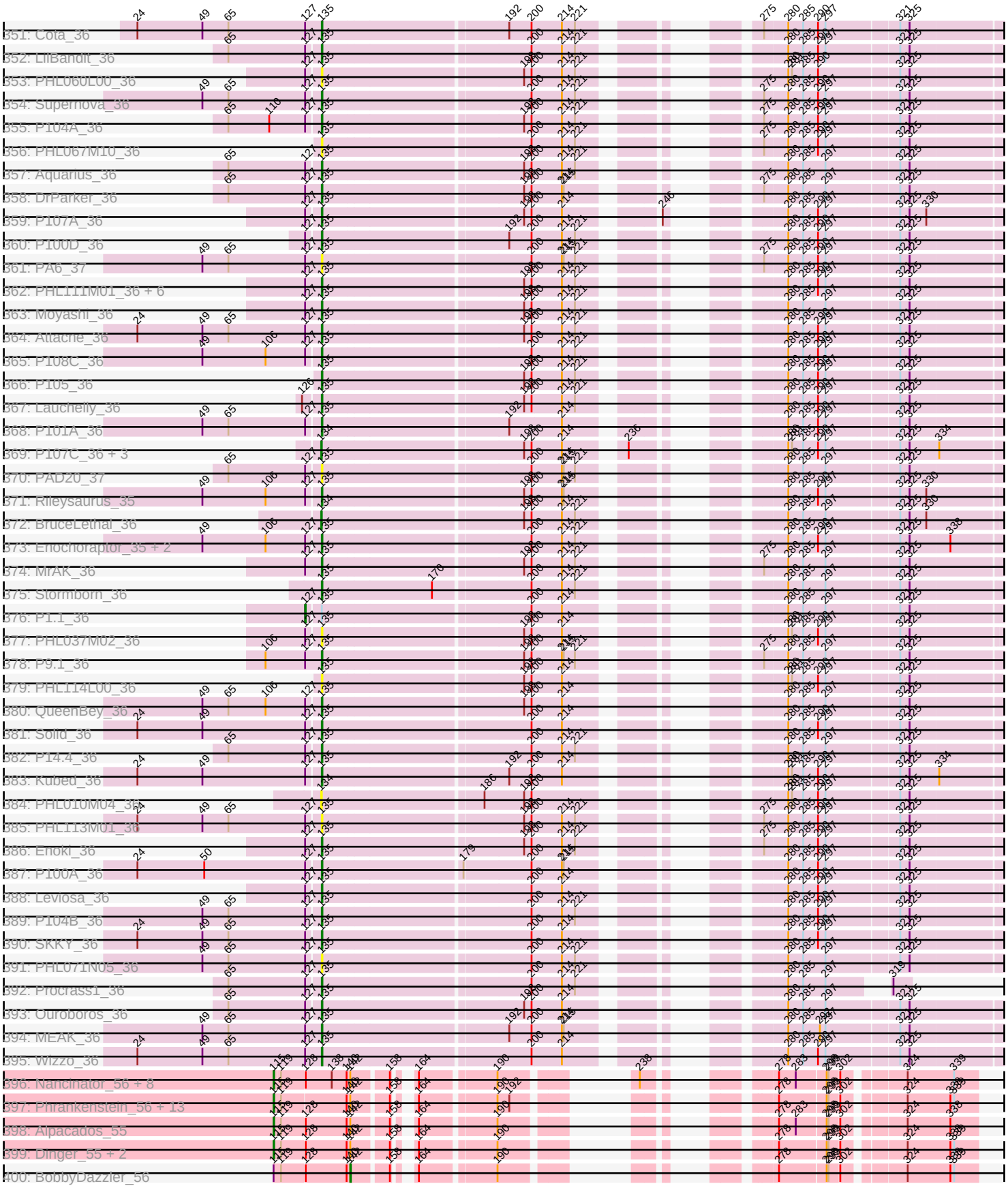
Pham 347021



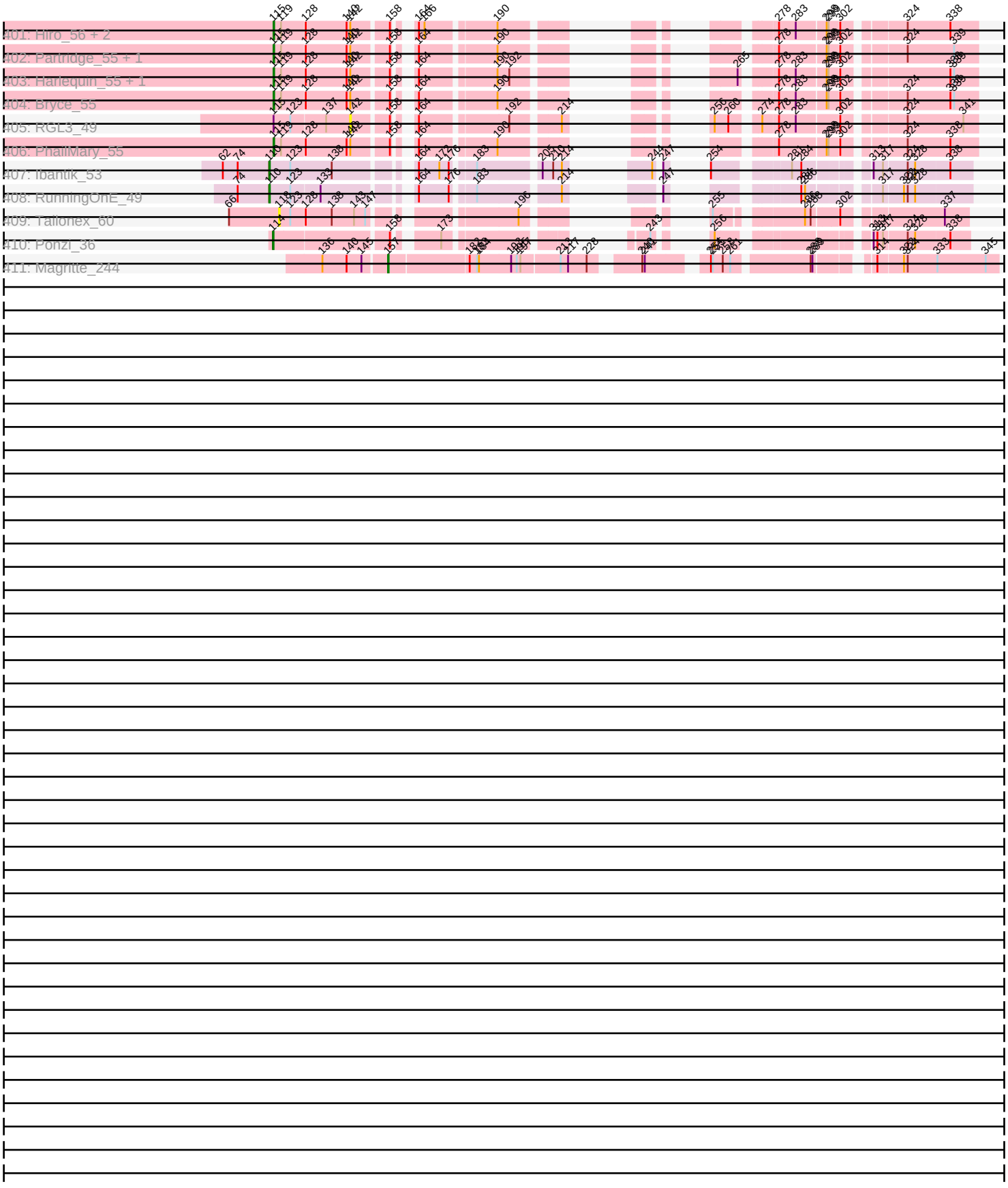
Pham 347021


301: Timshel_69
302: Astro_82 + 5
303: Caitlin_81 + 1
304: Saintus_78 + 1
305: Phillis_79
306: NearlyHeadless_83
307: Holex_75 + 23
308: DreamTeam1_69
309: WorldCup_73
310: Ugenie5_70 + 1
311: Pioneer_75
312: Minispark_73
313: Alma_73
314: Bellis_75 + 2
315: Aliter_76
316: Darrell_76
317: Keziacharles14_72
318: Toaka_75
319: BogosyJay_75 + 1
320: Arissanae_72
321: Celestialunch_70 + 1
322: Kiquilth_70
323: Elephantoon_75
324: Charm_69
325: SheaKeira_69
326: Vanisoa_72
327: Lilleskat_75
328: Yacey3_77
329: LoneWolf_76
330: Brad_42 + 3
331: Jasmine_44
332: Casserole_41
333: Phroglets_37
334: RetrieverFever_62 + 1
335: Olicious_66 + 4
336: TomToki_66 + 1
337: Geostin_57
338: Stella_67
339: Treat_66 + 1
340: Rideau_67
341: Kumquat_63 + 2
342: Vrykolakas_63 + 2
343: Destructrice_65
344: RosePhane_65
345: Dennebes_69
346: Manuel_62
347: Spooks_35
348: Bimmel_34
349: Success_36
350: PAS50_37

Pham 347021


351: Cota_36
352: LilBandit_36
353: PHL060L00_36
354: Supernova_36
355: P104A_36
356: PHL067M10_36
357: Aquarius_36
358: DrParker_36
359: P107A_36
360: P100D_36
361: PA6_37
362: PHL111M01_36 + 6
363: Moyashi_36
364: Attache_36
365: P108C_36
366: P105_36
367: Lauchelly_36
368: P101A_36
369: P107C_36 + 3
370: PAD20_37
371: Rileysaurus_35
372: BruceLethal_36
373: Enochoraptor_35 + 2
374: MrAK_36
375: Stormborn_36
376: P1.1_36
377: PHL037M02_36
378: P9.1_36
379: PHL114L00_36
380: QueenBey_36
381: Solid_36
382: P14.4_36
383: Kubed_36
384: PHL010M04_36
385: PHL113M01_36
386: Enoki_36
387: P100A_36
388: Leviosa_36
389: P104B_36
390: SKKY_36
391: PHL071N05_36
392: Procrass1_36
393: Ouroboros_36
394: MEAK_36
395: Wizzo_36
396: Nancinator_56 + 8
397: Phrankenstein_56 + 13
398: Alpacados_55
399: Dinger_55 + 2
400: BobbyDazzler_56

Pham 347021


401: Hiro_56 + 2
402: Partridge_55 + 1
403: Harlequin_55 + 1
404: Bryce_55
405: RGL3_49
406: PhailMary_55
407: Ibantik_53
408: RunningOnE_49
409: Tallonex_60
410: Ponzi_36
411: Magritte_244

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 347021 Report

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

Pham number 347021 has 1049 members, 75 are drafts.

Phages represented in each track:
• Track 1 : A6_61, BK1_61
• Track 2 : DreamCatcher_71, Lopton_69, Ichabod_73, IgnatiusPatJac_69, Lesedi_64, BluSpix_67, McGuire_70, GMonster_69
• Track 3 : Jerm2_70, Bob3_70, MPlant7149_69, BigMau_71, Briton15_73, Rohr_70, Zephyr_70, Arlo_67, HermioneGrange_71
• Track 4 : Gompeii16_68, Bircsak_68
• Track 5 : Rufus_71, BPBiebs31_72, Moose_70, Forsytheast_70, Rubeus_68
• Track 6 : Dreamboat_72, Jasper_71, Abbyshoes_71, PherrisBueller_71, Kenmech_73, Dussy_70
• Track 7 : JackSparrow_72, Niza_70
• Track 8 : Iqorha_64, Inyanga_64
• Track 9 : Pinto_69
• Track 10 : Pari_73
• Track 11 : PacerPaul_69, Francis47_68
• Track 12 : Anglerfish_70, Fascinus_65, Bigfoot_63, Pelly_71, StewieG_62, Jorgensen_74, Maroc7_69, CactusRose_71, Arcanine_72, Burton_70, Phlippers_66
• Track 13 : Wilkins_69, Applejack_70, Espresso_65, Ringer_72, Sunshine924_73, Topgun_68, Graduation_75, Gandalf20_70
• Track 14 : JC27_73
• Track 15 : Sagefire_69, KSSJEB_69, Peterson_71, Marcell_65, Blue_69, ILeeKay_70, Kugel_74, Solon_68
• Track 16 : HarryOW_68
• Track 17 : DD5_69, Lockley_68
• Track 18 : Levia_66, Payneful_68, Whitspit_65, PhineBark_68, Marchy_64
• Track 19 : Seabiscuit_70, Ohno789_70, Manatee_68
• Track 20 : Aeneas_71, Mule_65, PhrostyMug_68
• Track 21 : Beatrix_68
• Track 22 : GrecoEtereo_70
• Track 23 : Kanely_70, Altman_71
• Track 24 : Museum_71, SpikeBT_68, Paraselene_69, Sibs6_71, NEHalo_67, Marco3_75, PattyP_71
• Track 25 : StrongArm_67, LilBib_68, Ashballer_73, Bexan_66, BillKnuckles_65
• Track 26 : Rajelicia_70
• Track 27 : Sanya_68, McSinger_67, Snazzy_67
• Track 28 : GageAP_70
• Track 29 : Aldrich_65, DirtDevil_66, Noxious_67, KikiBouba_67, Hermia_66, CatBus_64, GroundGoblin_65

• Track 30 : STLscum_77, Pepe_66, ChristmasHams_62
• Track 31 : Alsfro_74
• Track 32 : Chanagan_63
• Track 33 : CartmannCramer_68
• Track 34 : Bethlehem_70
• Track 35 : Corvo_69, MetalQZJ_65, MaryBeth_66
• Track 36 : Petruchio_71, Fushigi_65, Trouble_70, Turj99_67, Magnito_70
• Track 37 : PascalRango_67
• Track 38 : Blesser_64
• Track 39 : Atkinbua_73
• Track 40 : Oogway_67
• Track 41 : JuliaChild_71, Tote_66, PSullivan_68, Swole_71, Slagathor_72
• Track 42 : Violet_66
• Track 43 : Dulcie_69
• Track 44 : HanShotFirst_70, Mryolo_67
• Track 45 : Gyzlar_64
• Track 46 : Marge_65
• Track 47 : Rutherferd_70
• Track 48 : Licorice_69
• Track 49 : Adahisdi_67
• Track 50 : Hami1_63
• Track 51 : Gwendoluna_74
• Track 52 : Abrogate_690
• Track 53 : Zeuska_74
• Track 54 : ProMouse_74
• Track 55 : Petp2012_72
• Track 56 : Fajezeel_71, Acme_72, Greg_71
• Track 57 : Tripl3t_72
• Track 58 : BarrowTuph_70
• Track 59 : PinkPlastic_68
• Track 60 : Marsha_68, Sorpresa_67, Sandaddy_66
• Track 61 : Agaliana_64
• Track 62 : Perseus_66, Smairt_70
• Track 63 : Crispicous1_67, Michley_73, Dynamix_72, Magnar_68
• Track 64 : PowerRanger_68
• Track 65 : Molly_71, TwoPeat_71
• Track 66 : Big3_70
• Track 67 : Eyeball_70, Puppet_67
• Track 68 : ConceptII_73, Pippin_69, Scowl_69, Rhynn_65, LunarLander_68
• Track 69 : Bigchungi_68
• Track 70 : Alvin_69
• Track 71 : Cueylyss_67
• Track 72 : Nhonho_68
• Track 73 : Fenn_75, Naira_74
• Track 74 : BeesKnees_73, Doom_65
• Track 75 : Teodoridan_68, Ajay_68
• Track 76 : TheloniousMonk_73, Target_71
• Track 77 : Bones_67
• Track 78 : MrGordo_72
• Track 79 : Bxb1_62
• Track 80 : Lamina13_72, Carlyle_69, Parliament_69, Blackflame_64
• Track 81 : SwissCheese_72
• Track 82 : BigPaolini_66

• Track 83 : QTRlifeCrisis_70
• Track 84 : Sumter_65
• Track 85 : Edtherson_67, Monet_71
• Track 86 : AFIS_65
• Track 87 : Ruotula_75
• Track 88 : Switzer_69
• Track 89 : Pita2_71
• Track 90 : KyMonks1A_73
• Track 91 : Froghopper_66
• Track 92 : Thor_69, SarFire_69
• Track 93 : Papez_73
• Track 94 : Barriga_71
• Track 95 : Smeagol_70
• Track 96 : RidgeCB_69
• Track 97 : Nerujay_75
• Track 98 : Bruns_71
• Track 99 : ShortQueendom_63
• Track 100 : Buttons_65
• Track 101 : Seanderson_71
• Track 102 : Kykar_71
• Track 103 : MilleFeuille_71, Hope4ever_72
• Track 104 : Gachnar_68
• Track 105 : Killigrew_68
• Track 106 : SkiPole_76
• Track 107 : Mkhuseli_66
• Track 108 : U2_64
• Track 109 : Makemake_74
• Track 110 : Homines_60
• Track 111 : Raid_68
• Track 112 : DrFeelGood_67
• Track 113 : Treddle_69
• Track 114 : Wheeler_73
• Track 115 : Ciao_68
• Track 116 : Euphoria_68
• Track 117 : Tasp14_71
• Track 118 : EnzoK_68
• Track 119 : Paphu_67, Norz_68
• Track 120 : Watermelon_70
• Track 121 : KBG_69
• Track 122 : Squee_72
• Track 123 : BaconJack_74
• Track 124 : Twister_67, Edison31_65, WalterMcMickey_67, Topanga_65
• Track 125 : Rowdy_70, DustyMartin_70, Shapes_70
• Track 126 : Eaglepride_70
• Track 127 : Severus_66, Poompha_65, KittenMittens_65, Drake94_66, PeaceMeal1_66
• Track 128 : RhynO_67
• Track 129 : Trike_65
• Track 130 : Kristoff_67, Rebeuca_69
• Track 131 : OKCentral2016_66
• Track 132 : Chupacabra_66
• Track 133 : DontArgue_65
• Track 134 : Goose_69

• Track 135 : Bowtie_77, Joselito_75, Flaverint_77, Mabel_76, MaCh_76, Gilberta_73, Timothy_76, Lucivia_77, Bud_71, Aneem_77, Munch_76, Orange_75
• Track 136 : Et2Brutus_75, Snape_76, Kimba_74, Mulciber_74, Salz_71, TinyTimmy_74
• Track 137 : Saskia_74, Bachome_74, Fibonacci_75, Petersenfast_72, Hutc2_71, Wolpertinger_74, Sham4_72, Insomnia_75, Ebony_76, Jabith_75
• Track 138 : DarthPhader_71
• Track 139 : Refuge_71
• Track 140 : Zimmer_72
• Track 141 : Steamy_68
• Track 142 : Pharaoh_69
• Track 143 : Phlei_60
• Track 144 : Luchador_76
• Track 145 : Jeeves_77
• Track 146 : SororFago_75
• Track 147 : Gail_75
• Track 148 : Sunhee_75
• Track 149 : Oofda_81, Warrior24_82
• Track 150 : Epsocamisio_79, Switzerland_81, JSwag_82, Nebulosus_79, ShayRa_82
• Track 151 : Nedarya_77
• Track 152 : Anon_78
• Track 153 : DekHockey33_83, Anaysia_82, Battleship_84, Rosalind_80, Boohoo_82, ReMo_80
• Track 154 : Remus_82, Strosahl_82
• Track 155 : Ravana_83, Waits_81
• Track 156 : KatherineG_82, MinecraftSteve_82, Looper_81
• Track 157 : LastResort_80
• Track 158 : Elle_76
• Track 159 : Soups_81
• Track 160 : LogiBear_73
• Track 161 : EagleEye_79, Lucyedi_78, PainterBoy_77
• Track 162 : 40AC_72
• Track 163 : MyraDee_71
• Track 164 : Kimona_67
• Track 165 : Journey13_63
• Track 166 : Retro23_74, Dalmatian_74, DudeLittle_72, Anselm_75
• Track 167 : Fameo_72
• Track 168 : Agape74_75, Turbido_74, AbbyPaige_75
• Track 169 : Leogania_72, BiancaTri92_72
• Track 170 : Centaur_74, Terrific_74, NaSiaTalie_74, Baehexic_72, Drake55_75, Flare16_74, Sknot_74
• Track 171 : MissWhite_72
• Track 172 : 20ES_75, First_0074, CRB1_75
• Track 173 : D32_75, Pomar16_76, Naji_76, D29_69, Travvers_75, Duplo_76, StarStuff_76, Tomathan_76, Kerberos_76, DBQu4n_76
• Track 174 : Deloris_73, BengiVuitton_73
• Track 175 : SnapTap_73, QueenBeesly_74, Georgie2_75, FiringLine_74, Power_73, SweetiePie_73
• Track 176 : Heffalump_71
• Track 177 : BobSwaget_66, Rachaly_69, Miko_67, Lokk_67
• Track 178 : ArcherNM_67
• Track 179 : NothingSpecial_69

• Track 180 : WideWale_74, Gratitude_73, Updawg_74, Equemioh13_73
• Track 181 : AnnaL29_73
• Track 182 : JoshKayV_74
• Track 183 : LilTurb_74, Bugsy_75, Dignity_75, Jerm_75, Leviathan_75, Smeagan_76, Whabigail7_74
• Track 184 : Acolyte_64
• Track 185 : Crucio_74
• Track 186 : KingCyrus_73, EvilGenius_73
• Track 187 : MajorMajor_75, Quokka_75, Bradman_76, TipsytheTRex_73
• Track 188 : Pukovnik_70
• Track 189 : Landor_72, IronMan_71, Phaded_69
• Track 190 : TarsusIV_71
• Track 191 : Odin_75
• Track 192 : HippoHollow_72
• Track 193 : AN9_76, ANI8_76, C3_69
• Track 194 : LadyBird_77
• Track 195 : Jsquared_77
• Track 196 : Changeling_72
• Track 197 : Piro94_73, HarryHoudini_74
• Track 198 : Larenn_70
• Track 199 : VC3_75
• Track 200 : Che12_78
• Track 201 : Ph8s_78
• Track 202 : SemperFi_74
• Track 203 : Trixie_73
• Track 204 : XianYue_69
• Track 205 : Bactobuster_66
• Track 206 : Superchunk_76, Caraxes_76
• Track 207 : Serenity_77
• Track 208 : ForesterFrank_71
• Track 209 : Herbertwm_70
• Track 210 : Adzzy_78
• Track 211 : NicoleTera_71
• Track 212 : Echild_74, Benvolio_71
• Track 213 : GaugeLDP_69
• Track 214 : Prudy_70
• Track 215 : EZMoney23_71
• Track 216 : Kalpine_73
• Track 217 : AN3_75, VA6_73
• Track 218 : ChipMunk_74
• Track 219 : DeerParkTS_70
• Track 220 : Malec_71
• Track 221 : RedRock_72
• Track 222 : L5_69, Koduck_75
• Track 223 : Tristan_70
• Track 224 : BabyBack_70
• Track 225 : QueenB2_71
• Track 226 : WeiHuaDA_74
• Track 227 : SwirlSquare_79
• Track 228 : Loser_75
• Track 229 : Iwokeuplikedis_75
• Track 230 : Trooper_73
• Track 231 : Jaan_72

• Track 232 : LionsBait_72
• Track 233 : Colin_74
• Track 234 : MiculUcigas_74
• Track 235 : Anthony_71
• Track 236 : FatCactus_70
• Track 237 : Kinmap_76
• Track 238 : Chargerpower_71
• Track 239 : JHC117_73, HashRod_78, Daishi_76, Gwennie_77, Penny1_77, Grif_75, Microwolf_73, Taurus_78, MarQuardt_77, Aglet_78, GingkoMaracino_77, Mainiac_76, AugsMagnumOpus_80, Colbster_73, Pembroke_77, Soshari_79, GtownJaz_77, Cullens_77, Malinsilva_79, Bigflo_75, Phoxy_77, Tiffany_76, Spike509_77, JenCasNa_78, Methuselah_70, Snickers_77, Grub_75, Beauxregard13_76, Lowa_77, Grum1_76, Sabinator_75, LugYA_80, Bxz2_72, Hercules11_77, Sabia_75, PotatoSplit_78, P28Green_77, Anubis_80, SoYo_74, EpicPhail_78, LBerry_78, BreSam8_77, MoneyMay_76, Marie_75, Montavir_72, AgronaGT15_74, MadMarie_75, Ollie_77, Vix_73, StepMih_76, MuchMore_80, Watson_76, Farber_77, DaHudson_76, Phoebe_78, PGHhamlin_79
• Track 240 : Popcicle_71, QuinnKiro_70, Veracruz_68, Norbert_67, Caviar_71, Margo_71, Panamaxus_69, Lambert1_71, Todacoro_71, ResDef_69, Hookmount_71, EtoileNova_69, Pocahontas_70, Texage_69, Noella_71
• Track 241 : PhishRPhriends_73, Gemma_74, Manu_76, ClownCar_76, Phranny_73, Reba_72, HaveUMetTed_77, OlanP_75
• Track 242 : Dieselweasel_77
• Track 243 : Rockstar_70, Isca_69, B1_63, MA5_71, JF4_69, JF2_69
• Track 244 : Roimos_69
• Track 245 : Kalnoky_77, Marius_77, Pawn_75
• Track 246 : Louie6_76, Misomonster_78, TinyPebbles_76, BuzzBuzz_71, KADY_74
• Track 247 : Heathen_71, Marchesa_69, DropBear_72, Fred313_69, Scout_70, Kachowdy_72, HelDan_71
• Track 248 : Clammy_73, TNguyen7_72, BlueBird_74, SaturnRing_71, Giroux_74, Bugatti_74, Pistachio_71, Idleandcovert_72, Puppy_72
• Track 249 : Goose1X_69, Goose1D_63, Shep_69
• Track 250 : Stagni_74, Rummer_76, Fernando_77, Lilith_75, Croquant_74
• Track 251 : PurpleHaze_76, Heliosoles_74, Groupthink_77, Calvinny_76, Kalb97_77
• Track 252 : Wooldri_79
• Track 253 : BabyJohn_66, Chiqui_66
• Track 254 : Cat_66, BabyRay_72
• Track 255 : Jobu08_73, SoilDragon_76
• Track 256 : Zarafa_69
• Track 257 : MK4_71
• Track 258 : Zetzy_74
• Track 259 : JeppNRM_77, ACFishhook_74
• Track 260 : Phantastic_73
• Track 261 : LarryKay_77
• Track 262 : LochMonster_69, Albee_68, Koan_65, NorthStar_66, Eapen_68, SteMason_68, Kyee_68, KFPoly_67, Scamp_68, Wilbur_68, Arturo_65, Romney_67, Caelakin_67, Annyong_67, MeeZee_67, Phacado_68, Clarenza_67, Rocksand_65, SenorClean_69, Mazhar510_68, JoongJeon_67, Burger_66, Mayonnaise_65, Millski_67, Lorenzo_68, Wander_68, Flux_68, Maverick_67, Eris_67, Northrop_65, Shaka_66, Jaykayelowell_65, Spino_67, Funston_67, Taquarus_67, Cocoaberry_68, Gadost_68, Huxley_67, Alberto7_69, Bruiser_67, Thanksgivukkah_67, Lemur_68, Sultana_68, Houdini22_67, Iceman_67, PeterPeter_68, Pumbaa_68, Skadoosh_66,

Ruin_68, Nemo27_67, Junimo_64, Avle17_68, NotAPhaseMom_67
• Track 263 : BellusTerra_69, ICleared_67, LittleGuy_68, Kratark_67, Lunsford_68, OKaNui_67, TroyPia_69, Ohfah_69, Eurydice_69, RockieBear_68, Eagle_67, Phontbonne_68, Phelipe_69, Polymorphads_68, Nebs_69, Morrow_69, Nyxis_67
• Track 264 : Kingmustik0402_68, Sparxx_69, Connomayer_68, Peaches_66, Deano_65, Buckaroo_64, Chaph_68, Phighter1804_68, Eros_68, Ulysses_67, Holli_67, Citius_68, Kampy_67, Commander_66, Bartimeaus_68, YoSam321_68, Maxo_69, Blackmoor_67, TiroTheta9_67, Medusa_68, Florean_68, KekoraPapaka_65, HamSlice_64, Broseidon_68, Sabertooth_68, TygerBlood_68, LappelDuVide_68, Baby16_68, Tinybot_67, DirtyDunning_67, Iracema64_68, Druantia_67, BubbleTrouble_67, Roosevelt_66, TinaFeyge_66, Abdiel_68, Dhanush_68, Bombshell_68, Pipcraft_65, Rosa24_65
• Track 265 : Kremtemulon_67, Obama12_69, Cintron_68, LHTSCC_70
• Track 266 : Bumblebee11_66, AbbysRanger_67, Backyardigan_65, Shygu2_67, Perplexer_67, Achebe_66, Badger_66
• Track 267 : Palestino_67, LittleB_68, Skipitt_67, Melvin_70
• Track 268 : Camperdownii_66
• Track 269 : Mundrea_67
• Track 270 : Cerulean_69, Happiness_67, JetBlade_68, BangNhom_66, SheldonCooper_68
• Track 271 : Morpher26_67, Xena_66, Wile_66, Katalie136_67, Wizard007_67, Cici_67, PetiteSangsue_67, Datway_67
• Track 272 : ChampagnePapi_70
• Track 273 : Relief_67
• Track 274 : Stink_67, Miramae_67
• Track 275 : Stasia_67
• Track 276 : Noelle_68, AvatarAhPeg_67
• Track 277 : Koreni_67
• Track 278 : CentreCat_68, LeoAvram_67
• Track 279 : Cindaradix_64
• Track 280 : Midas2_64, Tiger_67, Cuco_66, Coog_64, AgentM_67, Phlorence_66, ForGetIt_68, Theia_66, Jovo_68, Aragog_67, Discoknowium_65, Dublin_67, Conspiracy_68, MarysWell_67, PickleBack_68, Lev2_68, Micasa_67
• Track 281 : Tarynearal_66, George_63, LittleCherry_66, Bonamassa_67, Swirley_67, Florence1_65, Twigg_66, Prinashe11_66, Florence4_66, HuhtaEnerson15_65, Milcery_67
• Track 282 : Airmid_70, Naca_70
• Track 283 : Scorpia_71
• Track 284 : SydNat_67, Bluefalcon_63, Ghoulboy_67, Archetta_65, Zolita_66
• Track 285 : Jabiru_69, Benedict_71
• Track 286 : ElTiger69_73
• Track 287 : PetterN_75
• Track 288 : UnionJack_71
• Track 289 : Chadwick_71
• Track 290 : Imbriano_77, Neeharika16_75, Hoot_71, Jordennis_74, SmellyB_76, GreedyLawyer_71, DaVinci_74, EricB_75, Kipper29_76, Polyphemus_77, SuperAwesome_76, Kazan_77, Candra_77, McFly_77, VohminGhazi_76, SuperCallie99_73, BABullseye_69, Pmask_75, Cookiedough_76, JewelBug_75, DelvinSonDorr_72, Isiphiwo_73, Dorothea_76, Newrala_75, Chartreuse_75
• Track 291 : BennyP_76, Zulu_77, Helmet_78, Indra_79, Roksolana_76, Garak_77, Lilbunny_75, Zaka_76, Artemis2UCLA_75, BlessJoy_76, Hammer_76, Gruunaga_75, ToneTone_73, Blue7_77, Temprado_77, Wiks_75, Rifter_76, CloudWang3_76, Tucker_76, Yokurt_75, Koko_77, WunderPhul_76

• Track 292 : Blinn1_80
• Track 293 : Priamo_77
• Track 294 : Hexamo_75
• Track 295 : Jeffabunny_76
• Track 296 : Gladiator_73
• Track 297 : DroogsArmy_67
• Track 298 : Sheen_72, Toro_71, FlyCatcher_73
• Track 299 : HINdeR_68
• Track 300 : PP_70
• Track 301 : Timshel_69
• Track 302 : Astro_82, Groundhog_80, Smeadley_82, Danforth_83, Dixon_81, Expelliarmus_79
• Track 303 : Caitlin_81, Roary_84
• Track 304 : Saintus_78, Stephig9_81
• Track 305 : Phillis_79
• Track 306 : NearlyHeadless_83
• Track 307 : Holex_75, Fayely_73, Myxus_75, Priya_73, EdogawaKiddo_75, EmyBug_72, Phonnegut_75, Conquerage_73, HortumSL17_76, PackMan_74, Jiawan_75, Sachima_75, Tubs_75, Spouty_73, Hanray_75, ExplosioNervosa_73, Qobbit_73, Beemo_75, Phaeder_75, RyeScarlet_75, Onglai_74, Ayanochan_72, Catalina_77, Eidsmoe_73
• Track 308 : DreamTeam1_69
• Track 309 : WorldCup_73
• Track 310 : Ugenie5_70, Scherzo_74
• Track 311 : Pioneer_75
• Track 312 : Minispark_73
• Track 313 : Alma_73
• Track 314 : Bellris_75, Rahalelujah_75, CogOmlette_73
• Track 315 : Aliter_76
• Track 316 : Darrell_76
• Track 317 : Keziacharles14_72
• Track 318 : Toaka_75
• Track 319 : BogosyJay_75, Maminiaina_75
• Track 320 : Arissanae_72
• Track 321 : Celestialunch_70, MegTheThird_70
• Track 322 : Klodlith_70
• Track 323 : Elephantoon_75
• Track 324 : Charm_69
• Track 325 : SheaKeira_69
• Track 326 : Vanisoa_72
• Track 327 : Lilleskat_75
• Track 328 : Yecey3_77
• Track 329 : LoneWolf_76
• Track 330 : Brad_42, GurgleFerb_42, Nellie_42, Adat_42
• Track 331 : Jasmine_44
• Track 332 : Casserole_41
• Track 333 : Phroglets_37
• Track 334 : RetrieverFever_62, Fabian_60
• Track 335 : Olicious_66, ZooBear_66, Romero_66, JPandJE_66, HaugeAnator_66
• Track 336 : ToriToki_66, Immanuel3_65
• Track 337 : Geostin_57
• Track 338 : Stella_67
• Track 339 : Treat_66, Percastrophe_66

• Track 340 : Rideau_67
• Track 341 : Kumquat_63, WRightOn_67, Zeigle_63
• Track 342 : Vrykolakas_63, Gremlin23_63, FlowerPower_62
• Track 343 : Destructrice_65
• Track 344 : RosePharie_65
• Track 345 : Dennebes_69
• Track 346 : Manuel_62
• Track 347 : Spooks_35
• Track 348 : Bimmel_34
• Track 349 : Success_36
• Track 350 : PAS50_37
• Track 351 : Cota_36
• Track 352 : LilBandit_36
• Track 353 : PHL060L00_36
• Track 354 : Supernova_36
• Track 355 : P104A_36
• Track 356 : PHL067M10_36
• Track 357 : Aquarius_36
• Track 358 : DrParker_36
• Track 359 : P107A_36
• Track 360 : P100D_36
• Track 361 : PA6_37
• Track 362 : PHL111M01_36, P106M_36, P106L_36, P106I_36, P106A_36, P100.1_36, P106C_37
• Track 363 : Moyashi_36
• Track 364 : Attacne_36
• Track 365 : P108C_36
• Track 366 : P105_36
• Track 367 : Lauchelly_36
• Track 368 : P101A_36
• Track 369 : P107C_36, ATCC29399BC_36, PHL112N00_36, ATCC29399BT_36
• Track 370 : PAD20_37
• Track 371 : Rileysaurus_35
• Track 372 : BruceLethal_36
• Track 373 : Enochoraptor_35, Pirate_36, Keiki_36
• Track 374 : MrAK_36
• Track 375 : Stormborn_36
• Track 376 : P1.1_36
• Track 377 : PHL037M02_36
• Track 378 : P9.1_36
• Track 379 : PHL114L00_36
• Track 380 : QueenBey_36
• Track 381 : Solid_36
• Track 382 : P14.4_36
• Track 383 : Kubed_36
• Track 384 : PHL010M04_36
• Track 385 : PHL113M01_36
• Track 386 : Enoki_36
• Track 387 : P100A_36
• Track 388 : Leviosa_36
• Track 389 : P104B_36
• Track 390 : SKKY_36
• Track 391 : PHL071N05_36

• Track 392 : Procrass1_36
• Track 393 : Ouroboros_36
• Track 394 : MEAK_36
• Track 395 : Wizzo_36
• Track 396 : Nancinator_56, Espica_57, RexFury_55, Gollum_56, Belenaria_57, UhSalsa_56, Shuman_57, AppleCloud_53, Natosaleda_55
• Track 397 : Phrankenstein_56, Rhodalysa_56, Rasputin_56, Krishelle_56, StCroix_55, Swann_56, Naiad_55, CosmicSans_56, Bradshaw_56, TWAMP_56, Alatin_55, Erik_56, RER2_49, Lillie_56
• Track 398 : Alpacados_55
• Track 399 : Dinger_55, Yoncess_55, Takoda_56
• Track 400 : BobbyDazzler_56
• Track 401 : Hiro_56, Bonanza_57, Yogi_56
• Track 402 : Partridge_55, AngryOrchard_53
• Track 403 : Harlequin_55, Jester_55
• Track 404 : Bryce_55
• Track 405 : RGL3_49
• Track 406 : PhailMary_55
• Track 407 : Ibantik_53
• Track 408 : RunningOnE_49
• Track 409 : Tailonex_60
• Track 410 : Ponzi_36
• Track 411 : Magritte_244

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

The start number called the most often in the published annotations is 98, it was called in 245 of the 974 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 20ES_75, 40AC_72, AN3_75, AbbyPaige_75, Adzzy_78, Agape74_75, Aliter_76, Alma_73, Anaysia_82, Aneem_77, AnnaL29_73, Anselm_75, ArcherNM_67, Arissanae_72, Artemis2UCLA_75, Ayanochan_72, BABullseye_69, BabyBack_70, Bachome_74, Baehexic_72, Battleship_84, Beemo_75, Bellris_75, BengiVuitton_73, BennyP_76, Benvolio_71, BlessJoy_76, Blinn1_80, Blue7_77, BobSwaget_66, BogosyJay_75, Boohoo_82, Bowtie_77, Bradman_76, Bud_71, Bugsy_75, CRB1_75, Candra_77, Caraxes_76, Catalina_77, Celestialunch_70, Centaur_74, Changeling_72, Chargerpower_71, Charm_69, Chartreuse_75, Che12_78, ChipMunk_74, CloudWang3_76, CogOmlette_73, Colin_74, Conquerage_73, Cookiedough_76, Crucio_74, DaVinci_74, Dalmatian_74, Darrell_76, DeerParkTS_70, DekHockey33_83, Deloris_73, DelvinSonDorr_72, Dignity_75, Dorothea_76, Drake55_75, DreamTeam1_69, DudeLittle_72, EZMoney23_71, EagleEye_79, Ebony_76, Echild_74, EdogawaKiddo_75, Eidsmoe_73, Elephantoon_75, EmyBug_72, Epsocamisio_79, Equemioh13_73, EricB_75, Et2Brutus_75, EvilGenius_73, ExplosioNervosa_73, Fameo_72, Fayely_73, Fibonacci_75, FiringLine_74, First_0074, Flare16_74, Flaverint_77, ForesterFrank_71, Gail_75, Garak_77, GaugeLDP_69, Georgie2_75, Gilberta_73, Gladiator_73, Gratitude_73, GreedyLawyer_71, Gruunaga_75, Hammer_76, Hanray_75, HarryHoudini_74, Heffalump_71, Helmet_78, Hexamo_75, HippoHollow_72, Holex_75, Hoot_71, HortumSL17_76, Hutc2_71, Imbriano_77,

Indra_79, Insomnia_75, Isiphiwo_73, Iwokeuplikedis_75, JSwag_82, Jabith_75, Jeeves_77, Jeffabunny_76, Jerm_75, JewelBug_75, Jiawan_75, Jordennis_74, Joselito_75, JoshKayV_74, Journey13_63, Jsquared_77, Kalpine_73, KatherineG_82, Kazan_77, Keziacharles14_72, Kimba_74, KingCyrus_73, Kipper29_76, Koduck_75, Koko_77, L5_69, LadyBird_77, Larenn_70, Leviathan_75, LilTurb_74, Lilbunny_75, Lilleskat_75, LionsBait_72, Lokk_67, LoneWolf_76, Looper_81, Loser_75, Luchador_76, Lucivia_77, Lucyedi_78, MaCh_76, Mabel_76, MajorMajor_75, Maminiaina_75, McFly_77, MegTheThird_70, MiculUcigas_74, Miko_67, MinecraftSteve_82, Minispark_73, MissWhite_72, Mulciber_74, Munch_76, Myxus_75, NaSiaTalie_74, Nebulosus_79, Nedarya_77, Neeharika16_75, Newrala_75, NicoleTera_71, Odin_75, Onglai_74, Oofda_81, Orange_75, PackMan_74, PainterBoy_77, Petersenfast_72, Ph8s_78, Phaeder_75, Pharaoh_69, Phonnegut_75, Piro94_73, Pmask_75, Polyphemus_77, Power_73, Priamo_77, Priya_73, Prudy_70, Qobbit_73, QueenB2_71, QueenBeesly_74, Quokka_75, Rachaly_69, Rahalelujah_75, ReMo_80, RedRock_72, Remus_82, Retro23_74, Rifter_76, Roksolana_76, Rosalind_80, RyeScarlet_75, Sachima_75, Salz_71, Saskia_74, Scherzo_74, Seanderson_71, SemperFi_74, Serenity_77, Sham4_72, ShayRa_82, SheaKeira_69, Sknot_74, Smeagan_76, SmellyB_76, SnapTap_73, Snape_76, SororFago_75, Soups_81, Spouty_73, Strosahl_82, Sunhee_75, SuperAwesome_76, SuperCallie99_73, Superchunk_76, SweetiePie_73, SwirlSquare_79, Switzerland_81, TarsusIV_71, Temprado_77, Terrific_74, Timothy_76, TinyTimmy_74, TipsytheTRex_73, Toaka_75, ToneTone_73, Trixie_73, Trooper_73, Tubs_75, Tucker_76, Turbido_74, Ugenie5_70, Updawg_74, VA6_73, Vanisoa_72, VohminGhazi_76, Warrior24_82, WeiHuaDA_74, Whabigail7_74, WideWale_74, Wiks_75, Wolpertinger_74, WorldCup_73, WunderPhul_76, XianYue_69, Yecey3_77, Yokurt_75, Zaka_76, Zulu_77,

Genes that have the "Most Annotated" start but do not call it:
• Abbyshoes_71, Abrogate_690, Acme_72, Adahisdi_67, Aldrich_65, Alvin_69, Applejack_70, Ashballer_73, BaconJack_74, Beatrix_68, BeesKnees_73, Bexan_66, BillKnuckles_65, Blackflame_64, Blue_69, Bones_67, Carlyle_69, CartmannCramer_68, CatBus_64, ChristmasHams_62, Ciao_68, Crispicous1_67, DD5_69, DirtDevil_66, Doom_65, DrFeelGood_67, Dreamboat_72, Dulcie_69, Dussy_70, Dynamix_72, Eaglepride_70, Espresso_65, Eyeball_70, Fajezeel_71, Fenn_75, Fushigi_65, Gandalf20_70, Graduation_75, Greg_71, GroundGoblin_65, Gwendoluna_74, Gyzlar_64, Hami1_63, HanShotFirst_70, Hermia_66, Homines_60, Hope4ever_72, ILeeKay_70, Inyanga_64, Iqorha_64, JC27_73, Jasper_71, JuliaChild_71, KBG_69, KSSJEB_69, Kenmech_73, KikiBouba_67, Klodlith_70, Kugel_74, Kykar_71, Lamina13_72, LastResort_80, Levia_66, Licorice_69, LilBib_68, Lockley_68, Magnar_68, Magnito_70, Makemake_74, Malec_71, Marcell_65, Marchy_64, Marco3_75, Michley_73, MilleFeuille_71, Molly_71, MrGordo_72, Mryolo_67, Museum_71, NEHalo_67, Naira_74, Nhonho_68, Norz_68, Noxious_67, PSullivan_68, Papez_73, Paphu_67, Paraselene_69, Parliament_69, PattyP_71, Payneful_68, Pepe_66, Peterson_71, Petp2012_72, Petruchio_71, PherrisBueller_71, PhineBark_68, PinkPlastic_68, Pioneer_75, Pita2_71, PowerRanger_68, ProMouse_74, Puppet_67, QTRlifeCrisis_70, Raid_68, Ravana_83, RidgeCB_69, Ringer_72, Ruotula_75, STLscum_77, Sagefire_69, Sibs6_71, Slagathor_72, Solon_68, SpikeBT_68, StrongArm_67, Sunshine924_73, Switzer_69, Swole_71, Target_71, Tasp14_71, TheloniousMonk_73, Topgun_68, Tote_66, Trouble_70, Turj99_67, TwoPeat_71, Violet_66, Waits_81, Whitspit_65, Wilkins_69, Zeuska_74,

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

• A6_61, ACFishhook_74, AFIS_65, AN9_76, ANI8_76, ATCC29399BC_36, ATCC29399BT_36, AbbysRanger_67, Abdiel_68, Achebe_66, Acolyte_64, Adat_42, Aeneas_71, Agaliana_64, AgentM_67, Aglet_78, AgronaGT15_74, Airmid_70, Ajay_68, Alatin_55, Albee_68, Alberto7_69, Alpacados_55, Alsfro_74, Altman_71, Anglerfish_70, AngryOrchard_53, Annyong_67, Anon_78, Anthony_71, Anubis_80, AppleCloud_53, Aquarius_36, Aragog_67, Arcanine_72, Archetta_65, Arlo_67, Arturo_65, Astro_82, Atkinbua_73, Attacne_36, AugsMagnumOpus_80, AvatarAhPeg_67, Avle17_68, B1_63, BK1_61, BPBiebs31_72, Baby16_68, BabyJohn_66, BabyRay_72, Backyardigan_65, Bactobuster_66, Badger_66, BangNhom_66, Barriga_71, BarrowTuph_70, Bartimeaus_68, Beauxregard13_76, Belenaria_57, BellusTerra_69, Benedict_71, Bethlehem_70, BiancaTri92_72, Big3_70, BigMau_71, BigPaolini_66, Bigchungi_68, Bigflo_75, Bigfoot_63, Bimmel_34, Bircsak_68, Blackmoor_67, Blesser_64, BluSpix_67, BlueBird_74, Bluefalcon_63, Bob3_70, BobbyDazzler_56, Bombshell_68, Bonamassa_67, Bonanza_57, Brad_42, Bradshaw_56, BreSam8_77, Briton15_73, Broseidon_68, BruceLethal_36, Bruiser_67, Bruns_71, Bryce_55, BubbleTrouble_67, Buckaroo_64, Bugatti_74, Bumblebee11_66, Burger_66, Burton_70, Buttons_65, BuzzBuzz_71, Bxb1_62, Bxz2_72, C3_69, CactusRose_71, Caelakin_67, Caitlin_81, Calvinny_76, Camperdownii_66, Casserole_41, Cat_66, Caviar_71, CentreCat_68, Cerulean_69, Chadwick_71, ChampagnePapi_70, Chanagan_63, Chaph_68, Chiqui_66, Chupacabra_66, Cici_67, Cindaradix_64, Cintron_68, Citius_68, Clammy_73, Clarenza_67, ClownCar_76, Cocoaberry_68, Colbster_73, Commander_66, ConceptII_73, Connomayer_68, Conspiracy_68, Coog_64, Corvo_69, CosmicSans_56, Cota_36, Croquant_74, Cuco_66, Cueylyss_67, Cullens_77, D29_69, D32_75, DBQu4n_76, DaHudson_76, Daishi_76, Danforth_83, DarthPhader_71, Datway_67, Deano_65, Dennebes_69, Destructrice_65, Dhanush_68, Dieselweasel_77, Dinger_55, DirtyDunning_67, Discoknowium_65, Dixon_81, DontArgue_65, DrParker_36, Drake94_66, DreamCatcher_71, DroogsArmy_67, DropBear_72, Druantia_67, Dublin_67, Duplo_76, DustyMartin_70, Eagle_67, Eapen_68, Edison31_65, Edtherson_67, ElTiger69_73, Elle_76, Enochoraptor_35, Enoki_36, EnzoK_68, EpicPhail_78, Erik_56, Eris_67, Eros_68, Espica_57, EtoileNova_69, Euphoria_68, Eurydice_69, Expelliarmus_79, Fabian_60, Farber_77, Fascinus_65, FatCactus_70, Fernando_77, Florean_68, Florence1_65, Florence4_66, FlowerPower_62, Flux_68, FlyCatcher_73, ForGetIt_68, Forsytheast_70, Francis47_68, Fred313_69, Froghopper_66, Funston_67, GMonster_69, Gachnar_68, Gadost_68, GageAP_70, Gemma_74, George_63, Geostin_57, Ghoulboy_67, GingkoMaracino_77, Giroux_74, Gollum_56, Gompeii16_68, Goose1D_63, Goose1X_69, Goose_69, GrecoEtereo_70, Gremlin23_63, Grif_75, Groundhog_80, Groupthink_77, Grub_75, Grum1_76, GtownJaz_77, GurgleFerb_42, Gwennie_77, HINdeR_68, HamSlice_64, Happiness_67, Harlequin_55, HarryOW_68, HashRod_78, HaugeAnator_66, HaveUMetTed_77, Heathen_71, HelDan_71, Heliosoles_74, Herbertwm_70, Hercules11_77, HermioneGrange_71, Hiro_56, Holli_67, Hookmount_71, Houdini22_67, HuhtaEnerson15_65, Huxley_67, ICleared_67, Ibantik_53, Iceman_67, Ichabod_73, Idleandcovert_72, IgnatiusPatJac_69, Immanuel3_65, Iracema64_68, IronMan_71, Isca_69, JF2_69, JF4_69, JHC117_73, JPandJE_66, Jaan_72, Jabiru_69, JackSparrow_72, Jasmine_44, Jaykayelowell_65, JenCasNa_78, JeppNRM_77, Jerm2_70, Jester_55, JetBlade_68, Jobu08_73, JoongJeon_67, Jorgensen_74, Jovo_68, Junimo_64, KADY_74, KFPoly_67, Kachowdy_72, Kalb97_77, Kalnoky_77, Kampy_67, Kanely_70, Katalie136_67, Keiki_36, KekoraPapaka_65, Kerberos_76, Killigrew_68, Kimona_67, Kingmustik0402_68, Kinmap_76, KittenMittens_65, Koan_65, Koreni_67, Kratark_67, Kremtemulon_67, Krishelle_56, Kristoff_67, Kubed_36, Kumquat_63,

KyMonks1A_73, Kyee_68, LBerry_78, LHTSCC_70, Lambert1_71, Landor_72, LappelDuVide_68, LarryKay_77, Lauchelly_36, Lemur_68, LeoAvram_67, Leogania_72, Lesedi_64, Lev2_68, Leviosa_36, LilBandit_36, Lilith_75, Lillie_56, LittleB_68, LittleCherry_66, LittleGuy_68, LochMonster_69, LogiBear_73, Lopton_69, Lorenzo_68, Louie6_76, Lowa_77, LugYA_80, LunarLander_68, Lunsford_68, MA5_71, MEAK_36, MK4_71, MPlant7149_69, MadMarie_75, Magritte_244, Mainiac_76, Malinsilva_79, Manatee_68, Manu_76, Manuel_62, MarQuardt_77, Marchesa_69, Marge_65, Margo_71, Marie_75, Marius_77, Maroc7_69, Marsha_68, MaryBeth_66, MarysWell_67, Maverick_67, Maxo_69, Mayonnaise_65, Mazhar510_68, McGuire_70, McSinger_67, Medusa_68, MeeZee_67, Melvin_70, MetalQZJ_65, Methuselah_70, Micasa_67, Microwolf_73, Midas2_64, Milcery_67, Millski_67, Miramae_67, Misomonster_78, Mkhuseli_66, Monet_71, MoneyMay_76, Montavir_72, Moose_70, Morpher26_67, Morrow_69, Moyashi_36, MrAK_36, MuchMore_80, Mule_65, Mundrea_67, MyraDee_71, Naca_70, Naiad_55, Naji_76, Nancinator_56, Natosaleda_55, NearlyHeadless_83, Nebs_69, Nellie_42, Nemo27_67, Nerujay_75, Niza_70, Noella_71, Noelle_68, Norbert_67, NorthStar_66, Northrop_65, NotAPhaseMom_67, NothingSpecial_69, Nyxis_67, OKCentral2016_66, OKaNui_67, Obama12_69, Ohfah_69, Ohno789_70, OlanP_75, Olicious_66, Ollie_77, Oogway_67, Ouroboros_36, P1.1_36, P100.1_36, P100A_36, P100D_36, P101A_36, P104A_36, P104B_36, P105_36, P106A_36, P106C_37, P106I_36, P106L_36, P106M_36, P107A_36, P107C_36, P108C_36, P14.4_36, P28Green_77, P9.1_36, PA6_37, PAD20_37, PAS50_37, PGHhamlin_79, PHL010M04_36, PHL037M02_36, PHL060L00_36, PHL067M10_36, PHL071N05_36, PHL111M01_36, PHL112N00_36, PHL113M01_36, PHL114L00_36, PP_70, PacerPaul_69, Palestino_67, Panamaxus_69, Pari_73, Partridge_55, PascalRango_67, Pawn_75, PeaceMeal1_66, Peaches_66, Pelly_71, Pembroke_77, Penny1_77, Percastrophe_66, Perplexer_67, Perseus_66, PeterPeter_68, PetiteSangsue_67, PetterN_75, Phacado_68, Phaded_69, PhailMary_55, Phantastic_73, Phelipe_69, Phighter1804_68, Phillis_79, PhishRPhriends_73, Phlei_60, Phlippers_66, Phlorence_66, Phoebe_78, Phontbonne_68, Phoxy_77, Phrankenstein_56, Phranny_73, Phroglets_37, PhrostyMug_68, PickleBack_68, Pinto_69, Pipcraft_65, Pippin_69, Pirate_36, Pistachio_71, Pocahontas_70, Polymorphads_68, Pomar16_76, Ponzi_36, Poompha_65, Popcicle_71, PotatoSplit_78, Prinashe11_66, Procrass1_36, Pukovnik_70, Pumbaa_68, Puppy_72, PurpleHaze_76, QueenBey_36, QuinnKiro_70, RER2_49, RGL3_49, Rajelicia_70, Rasputin_56, Reba_72, Rebeuca_69, Refuge_71, Relief_67, ResDef_69, RetrieverFever_62, RexFury_55, Rhodalysa_56, RhynO_67, Rhynn_65, Rideau_67, Rileysaurus_35, Roary_84, RockieBear_68, Rocksand_65, Rockstar_70, Rohr_70, Roimos_69, Romero_66, Romney_67, Roosevelt_66, Rosa24_65, RosePharie_65, Rowdy_70, Rubeus_68, Rufus_71, Ruin_68, Rummer_76, RunningOnE_49, Rutherferd_70, SKKY_36, Sabertooth_68, Sabia_75, Sabinator_75, Saintus_78, Sandaddy_66, Sanya_68, SarFire_69, SaturnRing_71, Scamp_68, Scorpia_71, Scout_70, Scowl_69, Seabiscuit_70, SenorClean_69, Severus_66, Shaka_66, Shapes_70, Sheen_72, SheldonCooper_68, Shep_69, ShortQueendom_63, Shuman_57, Shygu2_67, Skadoosh_66, SkiPole_76, Skipitt_67, Smairt_70, Smeadley_82, Smeagol_70, Snazzy_67, Snickers_77, SoYo_74, SoilDragon_76, Solid_36, Sorpresa_67, Soshari_79, Sparxx_69, Spike509_77, Spino_67, Spooks_35, Squee_72, StCroix_55, Stagni_74, StarStuff_76, Stasia_67, SteMason_68, Steamy_68, Stella_67, StepMih_76, Stephig9_81, StewieG_62, Stink_67, Stormborn_36, Success_36, Sultana_68, Sumter_65, Supernova_36, Swann_56, Swirley_67, SwissCheese_72, SydNat_67, TNguyen7_72, TWAMP_56, Tailonex_60, Takoda_56, Taquarus_67, Tarynearal_66, Taurus_78, Teodoridan_68, Texage_69, Thanksgivukkah_67,

Theia_66, Thor_69, Tiffany_76, Tiger_67, Timshel_69, TinaFeyge_66, TinyPebbles_76, Tinybot_67, TiroTheta9_67, Todacoro_71, Tomathan_76, Topanga_65, ToriToki_66, Toro_71, Travvers_75, Treat_66, Treddle_69, Trike_65, Tripl3t_72, Tristan_70, TroyPia_69, Twigg_66, Twister_67, TygerBlood_68, U2_64, UhSalsa_56, Ulysses_67, UnionJack_71, VC3_75, Veracruz_68, Vix_73, Vrykolakas_63, WRightOn_67, WalterMcMickey_67, Wander_68, Watermelon_70, Watson_76, Wheeler_73, Wilbur_68, Wile_66, Wizard007_67, Wizzo_36, Wooldri_79, Xena_66, YoSam321_68, Yogi_56, Yoncess_55, Zarafa_69, Zeigle_63, Zephyr_70, Zetzy_74, Zimmer_72, Zolita_66, ZooBear_66,

Summary by start number:

Start 35:
• Found in 1 of 1049 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: RhynO_67 (A10),

Start 41:
• Found in 6 of 1049 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 16.7% of time when present
• Phage (with cluster) where this start called: KBG_69 (A1),

Start 43:
• Found in 1 of 1049 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Destructrice_65 (BF),

Start 51:
• Found in 2 of 1049 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Bxb1_62 (A1),

Start 68:
• Found in 4 of 1049 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Bones_67 (A1),

Start 69:
• Found in 14 of 1049 (1.3%) of genes in pham
• Manual Annotations of this start: 6 of 974
• Called 42.9% of time when present
• Phage (with cluster) where this start called: Fushigi_65 (A1), Magnito_70 (A1), Petruchio_71 (A1), Ruotula_75 (A1), Trouble_70 (A1), Turj99_67 (A1),

Start 71:
• Found in 8 of 1049 (0.8%) of genes in pham
• Manual Annotations of this start: 4 of 974
• Called 50.0% of time when present

• Phage (with cluster) where this start called: FlowerPower_62 (BF), Geostin_57 (BF), Gremlin23_63 (BF), Vrykolakas_63 (BF),

Start 72:
• Found in 34 of 1049 (3.2%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 5.9% of time when present
• Phage (with cluster) where this start called: Petp2012_72 (A1), Pita2_71 (A1),

Start 74:
• Found in 23 of 1049 (2.2%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 8.7% of time when present
• Phage (with cluster) where this start called: Fabian_60 (BF), RetrieverFever_62 (BF),

Start 75:
• Found in 13 of 1049 (1.2%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 15.4% of time when present
• Phage (with cluster) where this start called: Anthony_71 (A20), FatCactus_70 (A20),

Start 77:
• Found in 50 of 1049 (4.8%) of genes in pham
• Manual Annotations of this start: 47 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abbyshoes_71 (A1), Abrogate_690 (A1), Applejack_70 (A1), BaconJack_74 (A1), BeesKnees_73 (A1), Blue_69 (A1), Crispicous1_67 (A1), Doom_65 (A1), Dreamboat_72 (A1), Dussy_70 (A1), Dynamix_72 (A1), Espresso_65 (A1), Fenn_75 (A1), Gandalf20_70 (A1), Graduation_75 (A1), HanShotFirst_70 (A1), ILeeKay_70 (A1), Inyanga_64 (A1), Iqorha_64 (A1), JC27_73 (A1), Jasper_71 (A1), KSSJEB_69 (A1), Kenmech_73 (A1), Kugel_74 (A1), Levia_66 (A1), Magnar_68 (A1), Marcell_65 (A1), Marchy_64 (A1), Michley_73 (A1), Mryolo_67 (A1), Naira_74 (A1), Nhonho_68 (A1), Norz_68 (A1), Papez_73 (A1), Paphu_67 (A1), Payneful_68 (A1), Peterson_71 (A1), PherrisBueller_71 (A1), PhineBark_68 (A1), PinkPlastic_68 (A1), PowerRanger_68 (A1), Ringer_72 (A1), Sagefire_69 (A1), Solon_68 (A1), Sunshine924_73 (A1), Tasp14_71 (A1), Topgun_68 (A1), Whitspit_65 (A1), Wilkins_69 (A1), Zeuska_74 (A1),

Start 78:
• Found in 1 of 1049 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: HINdeR_68 (A7),

Start 79:
• Found in 1 of 1049 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Raid_68 (A1),

Start 80:

• Found in 3 of 1049 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Eyeball_70 (A1), Puppet_67 (A1),

Start 81:
• Found in 6 of 1049 (0.6%) of genes in pham
• Manual Annotations of this start: 5 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ajay_68 (A1), JackSparrow_72 (A1), Killigrew_68 (A1), Nerujay_75 (A1), Niza_70 (A1), Teodoridan_68 (A1),

Start 82:
• Found in 15 of 1049 (1.4%) of genes in pham
• Manual Annotations of this start: 8 of 974
• Called 53.3% of time when present
• Phage (with cluster) where this start called: Adahisdi_67 (A1), Blesser_64 (A1), DD5_69 (A1), Hami1_63 (A1), Hope4ever_72 (A1), Lockley_68 (A1), MilleFeuille_71 (A1), Wheeler_73 (A1),

Start 84:
• Found in 51 of 1049 (4.9%) of genes in pham
• Manual Annotations of this start: 45 of 974
• Called 96.1% of time when present
• Phage (with cluster) where this start called: Acme_72 (A1), Aldrich_65 (A1), Alvin_69 (A1), Ashballer_73 (A1), Bexan_66 (A1), BillKnuckles_65 (A1), Blackflame_64 (A1), Carlyle_69 (A1), CartmannCramer_68 (A1), CatBus_64 (A1), Ciao_68 (A1), DirtDevil_66 (A1), DrFeelGood_67 (A1), Dulcie_69 (A1), Fajezeel_71 (A1), Greg_71 (A1), GroundGoblin_65 (A1), Gyzlar_64 (A1), Hermia_66 (A1), Homines_60 (A1), JuliaChild_71 (A1), KikiBouba_67 (A1), Kykar_71 (A1), Lamina13_72 (A1), Licorice_69 (A1), LilBib_68 (A1), Makemake_74 (A1), Marco3_75 (A1), Molly_71 (A1), Museum_71 (A1), NEHalo_67 (A1), Noxious_67 (A1), PSullivan_68 (A1), Paraselene_69 (A1), Parliament_69 (A1), PattyP_71 (A1), QTRlifeCrisis_70 (A1), RidgeCB_69 (A1), Sibs6_71 (A1), Slagathor_72 (A1), SpikeBT_68 (A1), StrongArm_67 (A1), Switzer_69 (A1), Swole_71 (A1), Target_71 (A1), TheloniousMonk_73 (A1), Tote_66 (A1), TwoPeat_71 (A1), Violet_66 (A1),

Start 85:
• Found in 8 of 1049 (0.8%) of genes in pham
• Manual Annotations of this start: 6 of 974
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Beatrix_68 (A1), ChristmasHams_62 (A1), Gwendoluna_74 (A1), MrGordo_72 (A1), Pepe_66 (A1), ProMouse_74 (A1), STLscum_77 (A1),

Start 86:
• Found in 21 of 1049 (2.0%) of genes in pham
• Manual Annotations of this start: 16 of 974
• Called 95.2% of time when present
• Phage (with cluster) where this start called: Chupacabra_66 (A10), DontArgue_65 (A10), Drake94_66 (A10), DustyMartin_70 (A10), Eaglepride_70 (A10), Edison31_65 (A10), Goose_69 (A10), KittenMittens_65 (A10), Kristoff_67 (A10), OKCentral2016_66 (A10), PeaceMeal1_66 (A10), Poompha_65 (A10), Rebeuca_69

(A10), Rowdy_70 (A10), Severus_66 (A10), Shapes_70 (A10), Topanga_65 (A10), Trike_65 (A10), Twister_67 (A10), WalterMcMickey_67 (A10),

Start 87:
• Found in 2 of 1049 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Big3_70 (A1),

Start 88:
• Found in 4 of 1049 (0.4%) of genes in pham
• Manual Annotations of this start: 4 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Edtherson_67 (A1), Monet_71 (A1), SkiPole_76 (A1), Treddle_69 (A1),

Start 90:
• Found in 54 of 1049 (5.1%) of genes in pham
• Manual Annotations of this start: 50 of 974
• Called 96.3% of time when present
• Phage (with cluster) where this start called: AgentM_67 (A5), Airmid_70 (A5), Aragog_67 (A5), Archetta_65 (A5), Astro_82 (A8), Benedict_71 (A5), Bluefalcon_63 (A5), Bonamassa_67 (A5), Chadwick_71 (A5), Conspiracy_68 (A5), Coog_64 (A5), Cuco_66 (A5), Danforth_83 (A8), Discoknowium_65 (A5), Dixon_81 (A8), Dublin_67 (A5), ElTiger69_73 (A5), Expelliarmus_79 (A8), Florence1_65 (A5), Florence4_66 (A5), ForGetIt_68 (A5), George_63 (A5), Ghoulboy_67 (A5), Groundhog_80 (A8), HuhtaEnerson15_65 (A5), Jabiru_69 (A5), Jovo_68 (A5), Lev2_68 (A5), LittleCherry_66 (A5), MarysWell_67 (A5), Micasa_67 (A5), Midas2_64 (A5), Milcery_67 (A5), Naca_70 (A5), NearlyHeadless_83 (A8), PetterN_75 (A5), Phillis_79 (A8), Phlorence_66 (A5), PickleBack_68 (A5), Prinashe11_66 (A5), Saintus_78 (A8), Scorpia_71 (A5), Smeadley_82 (A8), Stephig9_81 (A8), Swirley_67 (A5), SydNat_67 (A5), Tarynearal_66 (A5), Theia_66 (A5), Tiger_67 (A5), Twigg_66 (A5), UnionJack_71 (A5), Zolita_66 (A5),

Start 95:
• Found in 14 of 1049 (1.3%) of genes in pham
• Manual Annotations of this start: 6 of 974
• Called 57.1% of time when present
• Phage (with cluster) where this start called: Agaliana_64 (A1), BigPaolini_66 (A1), Bircsak_68 (A1), Francis47_68 (A1), Gompeii16_68 (A1), PacerPaul_69 (A1), Phlei_60 (A13), Steamy_68 (A12),

Start 96:
• Found in 2 of 1049 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BiancaTri92_72 (A2), Leogania_72 (A2),

Start 97:
• Found in 5 of 1049 (0.5%) of genes in pham
• Manual Annotations of this start: 5 of 974
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Bactobuster_66 (A2), IronMan_71 (A2), Jaan_72 (A2), Landor_72 (A2), Phaded_69 (A2),

Start 98:
• Found in 390 of 1049 (37.2%) of genes in pham
• Manual Annotations of this start: 245 of 974
• Called 66.2% of time when present
• Phage (with cluster) where this start called: 20ES_75 (A2), 40AC_72 (A17), AN3_75 (A2), AbbyPaige_75 (A2), Adzzy_78 (A2), Agape74_75 (A2), Aliter_76 (A9), Alma_73 (A9), Anaysia_82 (A15), Aneem_77 (A11), AnnaL29_73 (A2), Anselm_75 (A2), ArcherNM_67 (A2), Arissanae_72 (A9), Artemis2UCLA_75 (A6), Ayanochan_72 (A9), BABullseye_69 (A6), BabyBack_70 (A2), Bachome_74 (A11), Baehexic_72 (A2), Battleship_84 (A15), Beemo_75 (A9), Bellris_75 (A9), BengiVuitton_73 (A2), BennyP_76 (A6), Benvolio_71 (A2), BlessJoy_76 (A6), Blinn1_80 (A6), Blue7_77 (A6), BobSwaget_66 (A2), BogosyJay_75 (A9), Boohoo_82 (A15), Bowtie_77 (A11), Bradman_76 (A2), Bud_71 (A11), Bugsy_75 (A2), CRB1_75 (A2), Candra_77 (A6), Caraxes_76 (A2), Catalina_77 (A9), Celestialunch_70 (A9), Centaur_74 (A2), Changeling_72 (A2), Chargerpower_71 (A22), Charm_69 (A9), Chartreuse_75 (A6), Che12_78 (A2), ChipMunk_74 (A2), CloudWang3_76 (A6), CogOmlette_73 (A9), Colin_74 (A2), Conquerage_73 (A9), Cookiedough_76 (A6), Crucio_74 (A2), DaVinci_74 (A6), Dalmatian_74 (A2), Darrell_76 (A9), DeerParkTS_70 (A2), DekHockey33_83 (A15), Deloris_73 (A2), DelvinSonDorr_72 (A6), Dignity_75 (A2), Dorothea_76 (A6), Drake55_75 (A2), DreamTeam1_69 (A9), DudeLittle_72 (A2), EZMoney23_71 (A2), EagleEye_79 (A16), Ebony_76 (A11), Echild_74 (A2), EdogawaKiddo_75 (A9), Eidsmoe_73 (A9), Elephantoon_75 (A9), EmyBug_72 (A9), Epsocamisio_79 (A15), Equemioh13_73 (A2), EricB_75 (A6), Et2Brutus_75 (A11), EvilGenius_73 (A2), ExplosioNervosa_73 (A9), Fameo_72 (A2), Fayely_73 (A9), Fibonacci_75 (A11), FiringLine_74 (A2), First_0074 (A2), Flare16_74 (A2), Flaverint_77 (A11), ForesterFrank_71 (A2), Gail_75 (A14), Garak_77 (A6), GaugeLDP_69 (A2), Georgie2_75 (A2), Gilberta_73 (A11), Gladiator_73 (A6), Gratitude_73 (A2), GreedyLawyer_71 (A6), Gruunaga_75 (A6), Hammer_76 (A6), Hanray_75 (A9), HarryHoudini_74 (A2), Heffalump_71 (A2), Helmet_78 (A6), Hexamo_75 (A6), HippoHollow_72 (A2), Holex_75 (A9), Hoot_71 (A6), HortumSL17_76 (A9), Hutc2_71 (A11), Imbriano_77 (A6), Indra_79 (A6), Insomnia_75 (A11), Isiphiwo_73 (A6), Iwokeuplikedis_75 (A2), JSwag_82 (A15), Jabith_75 (A11), Jeeves_77 (A14), Jeffabunny_76 (A6), Jerm_75 (A2), JewelBug_75 (A6), Jiawan_75 (A9), Jordennis_74 (A6), Joselito_75 (A11), JoshKayV_74 (A2), Journey13_63 (A2), Jsquared_77 (A2), Kalpine_73 (A2), KatherineG_82 (A15), Kazan_77 (A6), Keziacharles14_72 (A9), Kimba_74 (A11), KingCyrus_73 (A2), Kipper29_76 (A6), Koduck_75 (A2), Koko_77 (A6), L5_69 (A2), LadyBird_77 (A2), Larenn_70 (A2), Leviathan_75 (A2), LilTurb_74 (A2), Lilbunny_75 (A6), Lilleskat_75 (A9), LionsBait_72 (A2), Lokk_67 (A2), LoneWolf_76 (A9), Looper_81 (A15), Loser_75 (A2), Luchador_76 (A14), Lucivia_77 (A11), Lucyedi_78 (A16), MaCh_76 (A11), Mabel_76 (A11), MajorMajor_75 (A2), Maminiaina_75 (A9), McFly_77 (A6), MegTheThird_70 (A9), MiculUcigas_74 (A2), Miko_67 (A2), MinecraftSteve_82 (A15), Minispark_73 (A9), MissWhite_72 (A2), Mulciber_74 (A11), Munch_76 (A11), Myxus_75 (A9), NaSiaTalie_74 (A2), Nebulosus_79 (A15), Nedarya_77 (A15), Neeharika16_75 (A6), Newrala_75 (A6), NicoleTera_71 (A2), Odin_75 (A2), Onglai_74 (A9), Oofda_81 (A15), Orange_75 (A11), PackMan_74 (A9), PainterBoy_77 (A16), Petersenfast_72 (A11), Ph8s_78 (A2), Phaeder_75 (A9), Pharaoh_69 (A12), Phonnegut_75 (A9), Piro94_73 (A2), Pmask_75 (A6), Polyphemus_77 (A6), Power_73 (A2), Priamo_77 (A6), Priya_73 (A9), Prudy_70 (A2), Qobbit_73 (A9), QueenB2_71 (A2), QueenBeesly_74 (A2), Quokka_75 (A2),

Rachaly_69 (A2), Rahalelujah_75 (A9), ReMo_80 (A15), RedRock_72 (A2), Remus_82 (A15), Retro23_74 (A2), Rifter_76 (A6), Roksolana_76 (A6), Rosalind_80 (A15), RyeScarlet_75 (A9), Sachima_75 (A9), Salz_71 (A11), Saskia_74 (A11), Scherzo_74 (A9), Seanderson_71 (A1), SemperFi_74 (A2), Serenity_77 (A2), Sham4_72 (A11), ShayRa_82 (A15), SheaKeira_69 (A9), Sknot_74 (A2), Smeagan_76 (A2), SmellyB_76 (A6), SnapTap_73 (A2), Snape_76 (A11), SororFago_75 (A14), Soups_81 (A15), Spouty_73 (A9), Strosahl_82 (A15), Sunhee_75 (A14), SuperAwesome_76 (A6), SuperCallie99_73 (A6), Superchunk_76 (A2), SweetiePie_73 (A2), SwirlSquare_79 (A2), Switzerland_81 (A15), TarsusIV_71 (A2), Temprado_77 (A6), Terrific_74 (A2), Timothy_76 (A11), TinyTimmy_74 (A11), TipsytheTRex_73 (A2), Toaka_75 (A9), ToneTone_73 (A6), Trixie_73 (A2), Trooper_73 (A2), Tubs_75 (A9), Tucker_76 (A6), Turbido_74 (A2), Ugenie5_70 (A9), Updawg_74 (A2), VA6_73 (A2), Vanisoa_72 (A9), VohminGhazi_76 (A6), Warrior24_82 (A15), WeiHuaDA_74 (A2), Whabigail7_74 (A2), WideWale_74 (A2), Wiks_75 (A6), Wolpertinger_74 (A11), WorldCup_73 (A9), WunderPhul_76 (A6), XianYue_69 (A2), Yecey3_77 (A9), Yokurt_75 (A6), Zaka_76 (A6), Zulu_77 (A6),

Start 100:
• Found in 36 of 1049 (3.4%) of genes in pham
• Manual Annotations of this start: 31 of 974
• Called 94.4% of time when present
• Phage (with cluster) where this start called: Acolyte_64 (A2), Altman_71 (A1), Anglerfish_70 (A1), Arcanine_72 (A1), Barriga_71 (A1), Bigfoot_63 (A1), Burton_70 (A1), Buttons_65 (A1), CactusRose_71 (A1), Chanagan_63 (A1), ConceptII_73 (A1), Fascinus_65 (A1), Gachnar_68 (A1), Jorgensen_74 (A1), Kanely_70 (A1), LunarLander_68 (A1), Malec_71 (A2), Maroc7_69 (A1), Marsha_68 (A1), Pari_73 (A1), Pelly_71 (A1), Phlippers_66 (A1), Pinto_69 (A1), Pippin_69 (A1), Rajelicia_70 (A1), Rhynn_65 (A1), Sandaddy_66 (A1), Scowl_69 (A1), ShortQueendom_63 (A1), Smeagol_70 (A1), Sorpresa_67 (A1), StewieG_62 (A1), Sumter_65 (A1), Tripl3t_72 (A1),

Start 101:
• Found in 13 of 1049 (1.2%) of genes in pham
• Manual Annotations of this start: 6 of 974
• Called 61.5% of time when present
• Phage (with cluster) where this start called: Aeneas_71 (A1), DroogsArmy_67 (A7), FlyCatcher_73 (A7), Mule_65 (A1), PhrostyMug_68 (A1), Sheen_72 (A7), Timshel_69 (A7), Toro_71 (A7),

Start 102:
• Found in 2 of 1049 (0.2%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DarthPhader_71 (A12), Refuge_71 (A12),

Start 103:
• Found in 56 of 1049 (5.3%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 5.4% of time when present
• Phage (with cluster) where this start called: Klodlith_70 (A9), Pioneer_75 (A9), Zimmer_72 (A12),

Start 104:
• Found in 8 of 1049 (0.8%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Spooks_35 (BT), Success_36 (BT),

Start 105:
• Found in 4 of 1049 (0.4%) of genes in pham
• Manual Annotations of this start: 4 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kinmap_76 (A21), NothingSpecial_69 (A2), Pukovnik_70 (A2), Tristan_70 (A2),

Start 107:
• Found in 14 of 1049 (1.3%) of genes in pham
• Manual Annotations of this start: 13 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AN9_76 (A2), ANI8_76 (A2), C3_69 (A2), D29_69 (A2), D32_75 (A2), DBQu4n_76 (A2), Duplo_76 (A2), Kerberos_76 (A2), Naji_76 (A2), Pomar16_76 (A2), StarStuff_76 (A2), Tomathan_76 (A2), Travvers_75 (A2), VC3_75 (A2),

Start 108:
• Found in 68 of 1049 (6.5%) of genes in pham
• Manual Annotations of this start: 55 of 974
• Called 97.1% of time when present
• Phage (with cluster) where this start called: A6_61 (A1), Atkinbua_73 (A1), B1_63 (A3), BK1_61 (A1), BPBiebs31_72 (A1), BabyJohn_66 (A3), BabyRay_72 (A3), BarrowTuph_70 (A1), BlueBird_74 (A3), Bugatti_74 (A3), Cat_66 (A3), Caviar_71 (A3), Chiqui_66 (A3), Clammy_73 (A3), Corvo_69 (A1), DropBear_72 (A3), EtoileNova_69 (A3), Forsytheast_70 (A1), Fred313_69 (A3), Froghopper_66 (A1), Giroux_74 (A3), Goose1D_63 (A3), Goose1X_69 (A3), Heathen_71 (A3), HelDan_71 (A3), Hookmount_71 (A3), Idleandcovert_72 (A3), Isca_69 (A3), JF2_69 (A3), JF4_69 (A3), Kachowdy_72 (A3), KyMonks1A_73 (A1), Lambert1_71 (A3), MA5_71 (A3), MK4_71 (A3), Manatee_68 (A1), Marchesa_69 (A3), Margo_71 (A3), MaryBeth_66 (A1), MetalQZJ_65 (A1), Moose_70 (A1), Noella_71 (A3), Norbert_67 (A3), Ohno789_70 (A1), Panamaxus_69 (A3), Phantastic_73 (A3), Pistachio_71 (A3), Pocahontas_70 (A3), Popcicle_71 (A3), Puppy_72 (A3), QuinnKiro_70 (A3), ResDef_69 (A3), Rockstar_70 (A3), Roimos_69 (A3), Rubeus_68 (A1), Rufus_71 (A1), SaturnRing_71 (A3), Scout_70 (A3), Seabiscuit_70 (A1), Shep_69 (A3), SwissCheese_72 (A1), TNguyen7_72 (A3), Texage_69 (A3), Todacoro_71 (A3), Veracruz_68 (A3), Zarafa_69 (A3),

Start 109:
• Found in 23 of 1049 (2.2%) of genes in pham
• Manual Annotations of this start: 19 of 974
• Called 82.6% of time when present
• Phage (with cluster) where this start called: Arlo_67 (A1), Bethlehem_70 (A1), BigMau_71 (A1), Bob3_70 (A1), Briton15_73 (A1), Bruns_71 (A1), EnzoK_68 (A1), HarryOW_68 (A1), HermioneGrange_71 (A1), Jerm2_70 (A1), MPlant7149_69 (A1), Marge_65 (A1), Oogway_67 (A1), Perseus_66 (A1), Rohr_70 (A1), Rutherferd_70 (A1), Smairt_70 (A1), Watermelon_70 (A1), Zephyr_70 (A1),

Start 110:
• Found in 246 of 1049 (23.5%) of genes in pham
• Manual Annotations of this start: 232 of 974
• Called 97.6% of time when present
• Phage (with cluster) where this start called: ACFishhook_74 (A3), AbbysRanger_67 (A4), Abdiel_68 (A4), Achebe_66 (A4), Aglet_78 (A3), AgronaGT15_74 (A3), Albee_68 (A4), Alberto7_69 (A4), Annyong_67 (A4), Anubis_80 (A3), Arturo_65 (A4), AugsMagnumOpus_80 (A3), AvatarAhPeg_67 (A4), Avle17_68 (A4), Baby16_68 (A4), Backyardigan_65 (A4), Badger_66 (A4), BangNhom_66 (A4), Bartimeaus_68 (A4), Beauxregard13_76 (A3), BellusTerra_69 (A4), Bigflo_75 (A3), Blackmoor_67 (A4), Bombshell_68 (A4), BreSam8_77 (A3), Broseidon_68 (A4), Bruiser_67 (A4), BubbleTrouble_67 (A4), Buckaroo_64 (A4), Bumblebee11_66 (A4), Burger_66 (A4), BuzzBuzz_71 (A3), Bxz2_72 (A3), Caelakin_67 (A4), Calvinny_76 (A3), Camperdownii_66 (A4), CentreCat_68 (A4), Cerulean_69 (A4), ChampagnePapi_70 (A4), Chaph_68 (A4), Cici_67 (A4), Cindaradix_64 (A4), Cintron_68 (A4), Citius_68 (A4), Clarenza_67 (A4), ClownCar_76 (A3), Cocoaberry_68 (A4), Colbster_73 (A3), Commander_66 (A4), Connomayer_68 (A4), Cullens_77 (A3), DaHudson_76 (A3), Daishi_76 (A3), Datway_67 (A4), Deano_65 (A4), Dhanush_68 (A4), Dieselweasel_77 (A3), DirtyDunning_67 (A4), Druantia_67 (A4), Eagle_67 (A4), Eapen_68 (A4), EpicPhail_78 (A3), Eris_67 (A4), Eros_68 (A4), Eurydice_69 (A4), Farber_77 (A3), Florean_68 (A4), Flux_68 (A4), Funston_67 (A4), Gadost_68 (A4), Gemma_74 (A3), GingkoMaracino_77 (A3), Grif_75 (A3), Groupthink_77 (A3), Grub_75 (A3), Grum1_76 (A3), GtownJaz_77 (A3), Gwennie_77 (A3), HamSlice_64 (A4), Happiness_67 (A4), HashRod_78 (A3), HaveUMetTed_77 (A3), Heliosoles_74 (A3), Hercules11_77 (A3), Holli_67 (A4), Houdini22_67 (A4), Huxley_67 (A4), ICleared_67 (A4), Ibantik_53 (JN), Iceman_67 (A4), Iracema64_68 (A4), JHC117_73 (A3), Jaykayelowell_65 (A4), JenCasNa_78 (A3), JeppNRM_77 (A3), JetBlade_68 (A4), Jobu08_73 (A3), JoongJeon_67 (A4), Junimo_64 (A4), KADY_74 (A3), KFPoly_67 (A4), Kalb97_77 (A3), Kalnoky_77 (A3), Kampy_67 (A4), Katalie136_67 (A4), KekoraPapaka_65 (A4), Kimona_67 (A19), Kingmustik0402_68 (A4), Koan_65 (A4), Koreni_67 (A4), Kratark_67 (A4), Kremtemulon_67 (A4), Kyee_68 (A4), LBerry_78 (A3), LHTSCC_70 (A4), LappelDuVide_68 (A4), LarryKay_77 (A3), Lemur_68 (A4), LeoAvram_67 (A4), LittleB_68 (A4), LittleGuy_68 (A4), LochMonster_69 (A4), Lorenzo_68 (A4), Louie6_76 (A3), Lowa_77 (A3), LugYA_80 (A3), Lunsford_68 (A4), MadMarie_75 (A3), Mainiac_76 (A3), Malinsilva_79 (A3), Manu_76 (A3), MarQuardt_77 (A3), Marie_75 (A3), Marius_77 (A3), Maverick_67 (A4), Maxo_69 (A4), Mayonnaise_65 (A4), Mazhar510_68 (A4), Medusa_68 (A4), MeeZee_67 (A4), Melvin_70 (A4), Methuselah_70 (A3), Microwolf_73 (A3), Millski_67 (A4), Miramae_67 (A4), Misomonster_78 (A3), MoneyMay_76 (A3), Montavir_72 (A3), Morpher26_67 (A4), Morrow_69 (A4), MuchMore_80 (A3), Mundrea_67 (A4), MyraDee_71 (A18), Nebs_69 (A4), Nemo27_67 (A4), Noelle_68 (A4), NorthStar_66 (A4), Northrop_65 (A4), NotAPhaseMom_67 (A4), Nyxis_67 (A4), OKaNui_67 (A4), Obama12_69 (A4), Ohfah_69 (A4), OlanP_75 (A3), Ollie_77 (A3), P28Green_77 (A3), PGHhamlin_79 (A3), PP_70 (A7), Palestino_67 (A4), Pawn_75 (A3), Peaches_66 (A4), Pembroke_77 (A3), Penny1_77 (A3), Perplexer_67 (A4), PeterPeter_68 (A4), PetiteSangsue_67 (A4), Phacado_68 (A4), Phelipe_69 (A4), Phighter1804_68 (A4), PhishRPhriends_73 (A3), Phoebe_78 (A3), Phontbonne_68 (A4), Phoxy_77 (A3), Phranny_73 (A3), Pipcraft_65 (A4), Polymorphads_68 (A4), PotatoSplit_78 (A3), Pumbaa_68 (A4), PurpleHaze_76 (A3), Reba_72 (A3), Relief_67 (A4), RockieBear_68 (A4), Rocksand_65 (A4), Romney_67 (A4), Roosevelt_66 (A4), Rosa24_65 (A4), Ruin_68 (A4), RunningOnE_49 (JN), Sabertooth_68 (A4), Sabia_75 (A3), Sabinator_75 (A3), Scamp_68 (A4), SenorClean_69 (A4), Shaka_66 (A4), SheldonCooper_68 (A4), Shygu2_67 (A4), Skadoosh_66 (A4), Skipitt_67 (A4),

Snickers_77 (A3), SoYo_74 (A3), SoilDragon_76 (A3), Soshari_79 (A3), Sparxx_69 (A4), Spike509_77 (A3), Spino_67 (A4), Stasia_67 (A4), SteMason_68 (A4), StepMih_76 (A3), Stink_67 (A4), Sultana_68 (A4), Taquarus_67 (A4), Taurus_78 (A3), Thanksgivukkah_67 (A4), Tiffany_76 (A3), TinaFeyge_66 (A4), TinyPebbles_76 (A3), Tinybot_67 (A4), TiroTheta9_67 (A4), TroyPia_69 (A4), TygerBlood_68 (A4), Ulysses_67 (A4), Vix_73 (A3), Wander_68 (A4), Watson_76 (A3), Wilbur_68 (A4), Wile_66 (A4), Wizard007_67 (A4), Wooldri_79 (A3), Xena_66 (A4), YoSam321_68 (A4),

Start 111:
• Found in 4 of 1049 (0.4%) of genes in pham
• Manual Annotations of this start: 4 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alsfro_74 (A1), Cueylyss_67 (A1), Euphoria_68 (A1), GageAP_70 (A1),

Start 112:
• Found in 14 of 1049 (1.3%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 7.1% of time when present
• Phage (with cluster) where this start called: Herbertwm_70 (A2),

Start 113:
• Found in 3 of 1049 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anon_78 (A15), Elle_76 (A15), LogiBear_73 (A15),

Start 114:
• Found in 1 of 1049 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ponzi_36 (singleton),

Start 115:
• Found in 38 of 1049 (3.6%) of genes in pham
• Manual Annotations of this start: 35 of 974
• Called 94.7% of time when present
• Phage (with cluster) where this start called: Alatin_55 (CA), Alpacados_55 (CA), AngryOrchard_53 (CA), AppleCloud_53 (CA), Belenaria_57 (CA), Bonanza_57 (CA), Bradshaw_56 (CA), Bryce_55 (CA), CosmicSans_56 (CA), Dinger_55 (CA), Erik_56 (CA), Espica_57 (CA), Gollum_56 (CA), Harlequin_55 (CA), Hiro_56 (CA), Jester_55 (CA), Krishelle_56 (CA), Lillie_56 (CA), Naiad_55 (CA), Nancinator_56 (CA), Natosaleda_55 (CA), Partridge_55 (CA), PhailMary_55 (CA), Phrankenstein_56 (CA), RER2_49 (CA), Rasputin_56 (CA), RexFury_55 (CA), Rhodalysa_56 (CA), Shuman_57 (CA), StCroix_55 (CA), Swann_56 (CA), TWAMP_56 (CA), Takoda_56 (CA), UhSalsa_56 (CA), Yogi_56 (CA), Yoncess_55 (CA),

Start 116:
• Found in 2 of 1049 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 50.0% of time when present

• Phage (with cluster) where this start called: Bimmel_34 (BT),

Start 117:
• Found in 25 of 1049 (2.4%) of genes in pham
• Manual Annotations of this start: 14 of 974
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Dennebes_69 (BF), HaugeAnator_66 (BF), JPandJE_66 (BF), Kumquat_63 (BF), Manuel_62 (BF), Olicious_66 (BF), Percastrophe_66 (BF), Rideau_67 (BF), Romero_66 (BF), RosePharie_65 (BF), Stella_67 (BF), Treat_66 (BF), WRightOn_67 (BF), Zeigle_63 (BF), ZooBear_66 (BF),

Start 118:
• Found in 3 of 1049 (0.3%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Tailonex_60 (singleton),

Start 122:
• Found in 21 of 1049 (2.0%) of genes in pham
• Manual Annotations of this start: 2 of 974
• Called 9.5% of time when present
• Phage (with cluster) where this start called: Immanuel3_65 (BF), ToriToki_66 (BF),

Start 123:
• Found in 310 of 1049 (29.6%) of genes in pham
• Manual Annotations of this start: 7 of 974
• Called 2.6% of time when present
• Phage (with cluster) where this start called: Croquant_74 (A3), Fernando_77 (A3), LastResort_80 (A15), Lilith_75 (A3), Ravana_83 (A15), Rummer_76 (A3), Stagni_74 (A3), Waits_81 (A15),

Start 124:
• Found in 29 of 1049 (2.8%) of genes in pham
• Manual Annotations of this start: 6 of 974
• Called 20.7% of time when present
• Phage (with cluster) where this start called: Adat_42 (AV), Brad_42 (AV), Casserole_41 (AV), GurgleFerb_42 (AV), Jasmine_44 (AV), Nellie_42 (AV),

Start 127:
• Found in 45 of 1049 (4.3%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 2.2% of time when present
• Phage (with cluster) where this start called: P1.1_36 (BU),

Start 130:
• Found in 303 of 1049 (28.9%) of genes in pham
• Manual Annotations of this start: 19 of 974
• Called 6.3% of time when present
• Phage (with cluster) where this start called: AFIS_65 (A1), Bigchungi_68 (A1), BluSpix_67 (A1), Caitlin_81 (A8), DreamCatcher_71 (A1), GMonster_69 (A1), GrecoEtereo_70 (A1), Ichabod_73 (A1), IgnatiusPatJac_69 (A1), Lesedi_64 (A1), Lopton_69 (A1), McGuire_70 (A1), McSinger_67 (A1), Roary_84 (A8), Sanya_68 (A1), SarFire_69 (A1), Snazzy_67 (A1), Squee_72 (A1), Thor_69 (A1),

Start 131:
• Found in 1 of 1049 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phroglets_37 (AV),

Start 134:
• Found in 6 of 1049 (0.6%) of genes in pham
• Manual Annotations of this start: 4 of 974
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ATCC29399BC_36 (BU), ATCC29399BT_36 (BU), BruceLethal_36 (BU), P107C_36 (BU), PHL010M04_36 (BU), PHL112N00_36 (BU),

Start 135:
• Found in 51 of 1049 (4.9%) of genes in pham
• Manual Annotations of this start: 40 of 974
• Called 98.0% of time when present
• Phage (with cluster) where this start called: Aquarius_36 (BU), Attacne_36 (BU), Cota_36 (BU), DrParker_36 (BU), Enochoraptor_35 (BU), Enoki_36 (BU), Keiki_36 (BU), Kubed_36 (BU), Lauchelly_36 (BU), Leviosa_36 (BU), LilBandit_36 (BU), MEAK_36 (BU), Moyashi_36 (BU), MrAK_36 (BU), Ouroboros_36 (BU), P100.1_36 (BU), P100A_36 (BU), P100D_36 (BU), P101A_36 (BU), P104A_36 (BU), P104B_36 (BU), P105_36 (BU), P106A_36 (BU), P106C_37 (BU), P106I_36 (BU), P106L_36 (BU), P106M_36 (BU), P107A_36 (BU), P108C_36 (BU), P14.4_36 (BU), P9.1_36 (BU), PA6_37 (BU), PAD20_37 (BU), PAS50_37 (BU), PHL037M02_36 (BU), PHL060L00_36 (BU), PHL067M10_36 (BU), PHL071N05_36 (BU), PHL111M01_36 (BU), PHL113M01_36 (BU), PHL114L00_36 (BU), Pirate_36 (BU), Procrass1_36 (BU), QueenBey_36 (BU), Rileysaurus_35 (BU), SKKY_36 (BU), Solid_36 (BU), Stormborn_36 (BU), Supernova_36 (BU), Wizzo_36 (BU),

Start 138:
• Found in 496 of 1049 (47.3%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 0.2% of time when present
• Phage (with cluster) where this start called: U2_64 (A1),

Start 142:
• Found in 38 of 1049 (3.6%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 5.3% of time when present
• Phage (with cluster) where this start called: BobbyDazzler_56 (CA), RGL3_49 (CA),

Start 146:
• Found in 319 of 1049 (30.4%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 0.6% of time when present
• Phage (with cluster) where this start called: Mkhuseli_66 (A1), PascalRango_67 (A1),

Start 157:
• Found in 6 of 1049 (0.6%) of genes in pham

• Manual Annotations of this start: 1 of 974
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Magritte_244 (singleton),

Start 158:
• Found in 369 of 1049 (35.2%) of genes in pham
• Manual Annotations of this start: 1 of 974
• Called 0.3% of time when present
• Phage (with cluster) where this start called: Zetzy_74 (A3),

Summary by clusters:

There are 29 clusters represented in this pham: BF, singleton, BT, BU, JN, A15, A14, A17, A16, A11, A10, A13, A12, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A8, CA, AV, A20, A21, A22,

Info for manual annotations of cluster A1:
•Start number 41 was manually annotated 1 time for cluster A1.
•Start number 51 was manually annotated 1 time for cluster A1.
•Start number 68 was manually annotated 1 time for cluster A1.
•Start number 69 was manually annotated 6 times for cluster A1.
•Start number 72 was manually annotated 2 times for cluster A1.
•Start number 77 was manually annotated 47 times for cluster A1.
•Start number 79 was manually annotated 1 time for cluster A1.
•Start number 80 was manually annotated 2 times for cluster A1.
•Start number 81 was manually annotated 5 times for cluster A1.
•Start number 82 was manually annotated 8 times for cluster A1.
•Start number 84 was manually annotated 45 times for cluster A1.
•Start number 85 was manually annotated 6 times for cluster A1.
•Start number 87 was manually annotated 1 time for cluster A1.
•Start number 88 was manually annotated 4 times for cluster A1.
•Start number 95 was manually annotated 5 times for cluster A1.
•Start number 98 was manually annotated 1 time for cluster A1.
•Start number 100 was manually annotated 29 times for cluster A1.
•Start number 101 was manually annotated 3 times for cluster A1.
•Start number 108 was manually annotated 18 times for cluster A1.
•Start number 109 was manually annotated 19 times for cluster A1.
•Start number 111 was manually annotated 4 times for cluster A1.
•Start number 130 was manually annotated 17 times for cluster A1.
•Start number 138 was manually annotated 1 time for cluster A1.
•Start number 146 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:
•Start number 35 was manually annotated 1 time for cluster A10.
•Start number 86 was manually annotated 16 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 98 was manually annotated 28 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 95 was manually annotated 1 time for cluster A12.
•Start number 98 was manually annotated 1 time for cluster A12.
•Start number 102 was manually annotated 2 times for cluster A12.

•Start number 103 was manually annotated 1 time for cluster A12.

Info for manual annotations of cluster A14:
•Start number 98 was manually annotated 5 times for cluster A14.

Info for manual annotations of cluster A15:
•Start number 98 was manually annotated 20 times for cluster A15.
•Start number 113 was manually annotated 2 times for cluster A15.
•Start number 123 was manually annotated 3 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 98 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:
•Start number 110 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 110 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 96 was manually annotated 2 times for cluster A2.
•Start number 97 was manually annotated 5 times for cluster A2.
•Start number 98 was manually annotated 91 times for cluster A2.
•Start number 100 was manually annotated 2 times for cluster A2.
•Start number 105 was manually annotated 3 times for cluster A2.
•Start number 107 was manually annotated 13 times for cluster A2.
•Start number 112 was manually annotated 1 time for cluster A2.

Info for manual annotations of cluster A20:
•Start number 75 was manually annotated 2 times for cluster A20.

Info for manual annotations of cluster A21:
•Start number 105 was manually annotated 1 time for cluster A21.

Info for manual annotations of cluster A22:
•Start number 98 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:
•Start number 108 was manually annotated 37 times for cluster A3.
•Start number 110 was manually annotated 83 times for cluster A3.
•Start number 123 was manually annotated 4 times for cluster A3.
•Start number 158 was manually annotated 1 time for cluster A3.

Info for manual annotations of cluster A4:
•Start number 110 was manually annotated 144 times for cluster A4.

Info for manual annotations of cluster A5:
•Start number 90 was manually annotated 40 times for cluster A5.

Info for manual annotations of cluster A6:
•Start number 98 was manually annotated 50 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 78 was manually annotated 1 time for cluster A7.
•Start number 101 was manually annotated 3 times for cluster A7.
•Start number 110 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:
•Start number 90 was manually annotated 10 times for cluster A8.
•Start number 130 was manually annotated 2 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 98 was manually annotated 45 times for cluster A9.
•Start number 103 was manually annotated 1 time for cluster A9.

Info for manual annotations of cluster AV:
•Start number 124 was manually annotated 6 times for cluster AV.
•Start number 131 was manually annotated 1 time for cluster AV.

Info for manual annotations of cluster BF:
•Start number 43 was manually annotated 1 time for cluster BF.
•Start number 71 was manually annotated 4 times for cluster BF.
•Start number 74 was manually annotated 2 times for cluster BF.
•Start number 117 was manually annotated 14 times for cluster BF.
•Start number 122 was manually annotated 2 times for cluster BF.

Info for manual annotations of cluster BT:
•Start number 104 was manually annotated 2 times for cluster BT.
•Start number 116 was manually annotated 1 time for cluster BT.

Info for manual annotations of cluster BU:
•Start number 127 was manually annotated 1 time for cluster BU.
•Start number 134 was manually annotated 4 times for cluster BU.
•Start number 135 was manually annotated 40 times for cluster BU.

Info for manual annotations of cluster CA:
•Start number 115 was manually annotated 35 times for cluster CA.
•Start number 142 was manually annotated 1 time for cluster CA.

Info for manual annotations of cluster JN:
•Start number 110 was manually annotated 2 times for cluster JN.

Gene Information:

Gene: 20ES_75 Start: 44462, Stop: 43566, Start Num: 98
Candidate Starts for 20ES_75:
(Start: 98 @44462 has 245 MA's), (Start: 130 @44396 has 19 MA's), (Start: 138 @44366 has 1 MA's), (155, 44291), (161, 44273), (220, 44051), (233, 44009), (256, 43919), (302, 43757),

Gene: 40AC_72 Start: 44881, Stop: 44066, Start Num: 98
Candidate Starts for 40AC_72:

(Start: 98 @44881 has 245 MA's), (Start: 130 @44812 has 19 MA's), (Start: 138 @44782 has 1 MA's), (161, 44689), (214, 44482), (262, 44392), (302, 44260),

Gene: A6_61 Start: 41484, Stop: 40684, Start Num: 108
Candidate Starts for A6_61:
(83, 41502), (Start: 108 @41484 has 55 MA's), (133, 41406), (Start: 138 @41388 has 1 MA's), (Start: 146 @41337 has 1 MA's), (152, 41322), (196, 41136), (212, 41091), (260, 41001), (262, 40995), (274, 40974), (283, 40923), (302, 40863), (324, 40782), (338, 40716), (339, 40710), (342, 40692),

Gene: ACFishhook_74 Start: 43938, Stop: 43123, Start Num: 110
Candidate Starts for ACFishhook_74:
(Start: 110 @43938 has 232 MA's), (Start: 138 @43848 has 1 MA's), (Start: 158 @43755 has 1 MA's), (166, 43731), (178, 43686), (253, 43485), (260, 43461), (281, 43386), (302, 43317), (307, 43299), (338, 43155), (342, 43131),

Gene: AFIS_65 Start: 43242, Stop: 42508, Start Num: 130
Candidate Starts for AFIS_65:
(63, 43356), (64, 43353), (67, 43350), (Start: 130 @43242 has 19 MA's), (Start: 146 @43161 has 1 MA's), (152, 43146), (196, 42960), (260, 42825), (262, 42819), (271, 42804), (283, 42747), (286, 42732), (300, 42696), (302, 42687), (324, 42606), (338, 42540), (339, 42534), (342, 42516),

Gene: AN3_75 Start: 43243, Stop: 42332, Start Num: 98
Candidate Starts for AN3_75:
(Start: 98 @43243 has 245 MA's), (Start: 130 @43165 has 19 MA's), (Start: 138 @43135 has 1 MA's), (161, 43042), (214, 42835), (220, 42820), (233, 42778), (256, 42688), (302, 42526),

Gene: AN9_76 Start: 44381, Stop: 43506, Start Num: 107
Candidate Starts for AN9_76:
(Start: 107 @44381 has 13 MA's), (Start: 123 @44351 has 7 MA's), (Start: 130 @44318 has 19 MA's), (Start: 138 @44288 has 1 MA's), (154, 44219), (159, 44201), (166, 44171), (173, 44144), (214, 43988), (245, 43943), (260, 43838), (262, 43832), (283, 43760), (287, 43739), (302, 43697), (329, 43580), (338, 43535),

Gene: ANI8_76 Start: 44381, Stop: 43506, Start Num: 107
Candidate Starts for ANI8_76:
(Start: 107 @44381 has 13 MA's), (Start: 123 @44351 has 7 MA's), (Start: 130 @44318 has 19 MA's), (Start: 138 @44288 has 1 MA's), (154, 44219), (159, 44201), (166, 44171), (173, 44144), (214, 43988), (245, 43943), (260, 43838), (262, 43832), (283, 43760), (287, 43739), (302, 43697), (329, 43580), (338, 43535),

Gene: ATCC29399BC_36 Start: 24634, Stop: 23693, Start Num: 134
Candidate Starts for ATCC29399BC_36:
(Start: 134 @24634 has 4 MA's), (198, 24325), (200, 24313), (214, 24268), (236, 24193), (280, 24040), (281, 24034), (285, 24016), (290, 23992), (297, 23980), (321, 23872), (325, 23857), (334, 23812),

Gene: ATCC29399BT_36 Start: 24634, Stop: 23693, Start Num: 134
Candidate Starts for ATCC29399BT_36:
(Start: 134 @24634 has 4 MA's), (198, 24325), (200, 24313), (214, 24268), (236, 24193), (280, 24040), (281, 24034), (285, 24016), (290, 23992), (297, 23980), (321, 23872), (325, 23857), (334, 23812),

Gene: AbbyPaige_75 Start: 44715, Stop: 43816, Start Num: 98
Candidate Starts for AbbyPaige_75:

(Start: 98 @44715 has 245 MA's), (Start: 112 @44703 has 1 MA's), (Start: 130 @44646 has 19 MA's), (Start: 138 @44616 has 1 MA's), (161, 44523), (175, 44463), (214, 44316), (220, 44301), (231, 44268), (233, 44259), (260, 44148), (302, 44007), (338, 43845),

Gene: AbbysRanger_67 Start: 43448, Stop: 42657, Start Num: 110
Candidate Starts for AbbysRanger_67:
(Start: 110 @43448 has 232 MA's), (Start: 123 @43421 has 7 MA's), (Start: 158 @43274 has 1 MA's), (166, 43250), (253, 43004), (260, 42980), (283, 42902), (304, 42839), (338, 42689),

Gene: Abbyshoes_71 Start: 44628, Stop: 43804, Start Num: 77
Candidate Starts for Abbyshoes_71:
(60, 44661), (Start: 77 @44628 has 47 MA's), (Start: 98 @44610 has 245 MA's), (133, 44526), (Start: 138 @44508 has 1 MA's), (Start: 146 @44457 has 1 MA's), (152, 44442), (196, 44256), (212, 44211), (260, 44121), (262, 44115), (271, 44100), (283, 44043), (286, 44028), (300, 43992), (302, 43983), (324, 43902), (338, 43836), (339, 43830), (342, 43812),

Gene: Abdiel_68 Start: 43171, Stop: 42380, Start Num: 110
Candidate Starts for Abdiel_68:
(Start: 110 @43171 has 232 MA's), (Start: 123 @43144 has 7 MA's), (Start: 158 @42997 has 1 MA's), (166, 42973), (211, 42796), (252, 42730), (260, 42703), (271, 42682), (283, 42625), (284, 42616), (304, 42562), (338, 42412),

Gene: Abrogate_690 Start: 45556, Stop: 44732, Start Num: 77
Candidate Starts for Abrogate_690:
(Start: 77 @45556 has 47 MA's), (Start: 98 @45538 has 245 MA's), (133, 45454), (Start: 138 @45436 has 1 MA's), (Start: 146 @45385 has 1 MA's), (152, 45370), (196, 45184), (212, 45139), (260, 45049), (262, 45043), (271, 45028), (283, 44971), (286, 44956), (300, 44920), (302, 44911), (324, 44830), (338, 44764), (339, 44758), (342, 44740),

Gene: Achebe_66 Start: 43431, Stop: 42640, Start Num: 110
Candidate Starts for Achebe_66:
(Start: 110 @43431 has 232 MA's), (Start: 123 @43404 has 7 MA's), (Start: 158 @43257 has 1 MA's), (166, 43233), (253, 42987), (260, 42963), (283, 42885), (304, 42822), (338, 42672),

Gene: Acme_72 Start: 45250, Stop: 44432, Start Num: 84
Candidate Starts for Acme_72:
(52, 45313), (Start: 84 @45250 has 45 MA's), (Start: 98 @45238 has 245 MA's), (133, 45154), (Start: 138 @45136 has 1 MA's), (Start: 146 @45085 has 1 MA's), (152, 45070), (196, 44884), (212, 44839), (260, 44749), (262, 44743), (271, 44728), (283, 44671), (286, 44656), (300, 44620), (302, 44611), (324, 44530), (338, 44464), (339, 44458), (342, 44440),

Gene: Acolyte_64 Start: 42384, Stop: 41575, Start Num: 100
Candidate Starts for Acolyte_64:
(Start: 100 @42384 has 31 MA's), (119, 42369), (Start: 130 @42321 has 19 MA's), (Start: 138 @42291 has 1 MA's), (161, 42198), (262, 41901), (286, 41814), (287, 41808), (302, 41766), (324, 41673), (338, 41604),

Gene: Adahisdi_67 Start: 44799, Stop: 43981, Start Num: 82
Candidate Starts for Adahisdi_67:
(Start: 69 @44817 has 6 MA's), (Start: 74 @44808 has 2 MA's), (Start: 82 @44799 has 8 MA's), (Start: 98 @44787 has 245 MA's), (Start: 138 @44685 has 1 MA's), (Start: 146 @44634 has 1 MA's), (152, 44619), (196, 44433), (212, 44388), (260, 44298), (262, 44292), (271, 44277), (274, 44271), (283, 44220), (286, 44205), (300, 44169), (302, 44160), (324, 44079), (338, 44013), (339, 44007), (342,

43989),

Gene: Adat_42 Start: 36942, Stop: 36106, Start Num: 124
Candidate Starts for Adat_42:
(Start: 124 @36942 has 6 MA's), (129, 36921), (163, 36762), (173, 36723), (174, 36717), (177, 36705), (189, 36654), (192, 36633), (199, 36606), (241, 36528), (290, 36354), (302, 36318), (335, 36171),

Gene: Adzzy_78 Start: 44166, Stop: 43273, Start Num: 98
Candidate Starts for Adzzy_78:
(Start: 98 @44166 has 245 MA's), (119, 44145), (Start: 124 @44121 has 6 MA's), (Start: 130 @44097 has 19 MA's), (Start: 138 @44067 has 1 MA's), (140, 44043), (148, 44007), (161, 43974), (214, 43767), (241, 43659), (262, 43599), (302, 43464), (338, 43302),

Gene: Aeneas_71 Start: 45587, Stop: 44784, Start Num: 101
Candidate Starts for Aeneas_71:
(30, 45746), (Start: 101 @45587 has 6 MA's), (Start: 109 @45584 has 19 MA's), (133, 45506), (Start: 138 @45488 has 1 MA's), (Start: 146 @45437 has 1 MA's), (152, 45422), (196, 45236), (212, 45191), (260, 45101), (262, 45095), (271, 45080), (274, 45074), (283, 45023), (286, 45008), (300, 44972), (302, 44963), (324, 44882), (338, 44816), (339, 44810), (342, 44792),

Gene: Agaliana_64 Start: 41294, Stop: 40482, Start Num: 95
Candidate Starts for Agaliana_64:
(55, 41351), (Start: 95 @41294 has 6 MA's), (Start: 130 @41225 has 19 MA's), (Start: 146 @41144 has 1 MA's), (152, 41129), (161, 41093), (166, 41069), (190, 40967), (196, 40934), (212, 40889), (245, 40838), (260, 40799), (273, 40775), (283, 40721), (302, 40661), (324, 40580), (338, 40514), (339, 40508), (342, 40490),

Gene: Agape74_75 Start: 44710, Stop: 43811, Start Num: 98
Candidate Starts for Agape74_75:
(Start: 98 @44710 has 245 MA's), (Start: 112 @44698 has 1 MA's), (Start: 130 @44641 has 19 MA's), (Start: 138 @44611 has 1 MA's), (161, 44518), (175, 44458), (214, 44311), (220, 44296), (231, 44263), (233, 44254), (260, 44143), (302, 44002), (338, 43840),

Gene: AgentM_67 Start: 42717, Stop: 41902, Start Num: 90
Candidate Starts for AgentM_67:
(Start: 90 @42717 has 50 MA's), (149, 42564), (Start: 158 @42543 has 1 MA's), (175, 42483), (182, 42462), (263, 42240), (283, 42144), (288, 42120), (296, 42102), (314, 42048), (320, 42024), (321, 42015), (338, 41934), (342, 41910),

Gene: Aglet_78 Start: 44050, Stop: 43235, Start Num: 110
Candidate Starts for Aglet_78:
(24, 44230), (Start: 110 @44050 has 232 MA's), (Start: 123 @44023 has 7 MA's), (Start: 158 @43867 has 1 MA's), (166, 43843), (173, 43816), (178, 43798), (253, 43597), (260, 43573), (271, 43549), (302, 43429), (307, 43411), (314, 43381), (338, 43267), (342, 43243),

Gene: AgronaGT15_74 Start: 43898, Stop: 43083, Start Num: 110
Candidate Starts for AgronaGT15_74:
(24, 44078), (Start: 110 @43898 has 232 MA's), (Start: 123 @43871 has 7 MA's), (Start: 158 @43715 has 1 MA's), (166, 43691), (173, 43664), (178, 43646), (253, 43445), (260, 43421), (271, 43397), (302, 43277), (307, 43259), (314, 43229), (338, 43115), (342, 43091),

Gene: Airmid_70 Start: 43550, Stop: 42735, Start Num: 90
Candidate Starts for Airmid_70:

(42, 43637), (Start: 90 @43550 has 50 MA's), (Start: 138 @43460 has 1 MA's), (149, 43397), (Start: 157 @43379 has 1 MA's), (Start: 158 @43376 has 1 MA's), (175, 43316), (182, 43295), (194, 43226), (254, 43103), (263, 43073), (269, 43037), (274, 43028), (283, 42977), (284, 42968), (288, 42953), (294, 42938), (314, 42881), (320, 42857), (321, 42848), (338, 42767), (342, 42743),

Gene: Ajay_68 Start: 44055, Stop: 43234, Start Num: 81
Candidate Starts for Ajay_68:
(39, 44139), (Start: 81 @44055 has 5 MA's), (Start: 95 @44043 has 6 MA's), (133, 43956), (Start: 138 @43938 has 1 MA's), (144, 43896), (Start: 146 @43887 has 1 MA's), (152, 43872), (196, 43686), (212, 43641), (260, 43551), (262, 43545), (271, 43530), (274, 43524), (283, 43473), (286, 43458), (300, 43422), (302, 43413), (324, 43332), (338, 43266), (339, 43260), (342, 43242),

Gene: Alatin_55 Start: 39421, Stop: 38612, Start Num: 115
Candidate Starts for Alatin_55:
(Start: 115 @39421 has 35 MA's), (119, 39409), (140, 39307), (Start: 142 @39301 has 1 MA's), (Start: 158 @39247 has 1 MA's), (164, 39232), (190, 39121), (192, 39103), (278, 38896), (298, 38824), (299, 38821), (302, 38806), (324, 38725), (338, 38656), (339, 38650),

Gene: Albee_68 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Albee_68:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Alberto7_69 Start: 43495, Stop: 42704, Start Num: 110
Candidate Starts for Alberto7_69:
(21, 43708), (Start: 110 @43495 has 232 MA's), (Start: 123 @43468 has 7 MA's), (Start: 158 @43321 has 1 MA's), (166, 43297), (211, 43120), (252, 43054), (260, 43027), (271, 43006), (283, 42949), (284, 42940), (304, 42886), (338, 42736),

Gene: Aldrich_65 Start: 43349, Stop: 42531, Start Num: 84
Candidate Starts for Aldrich_65:
(Start: 72 @43367 has 2 MA's), (Start: 84 @43349 has 45 MA's), (Start: 98 @43337 has 245 MA's), (133, 43253), (Start: 138 @43235 has 1 MA's), (Start: 146 @43184 has 1 MA's), (152, 43169), (196, 42983), (212, 42938), (260, 42848), (262, 42842), (271, 42827), (273, 42824), (274, 42821), (283, 42770), (300, 42719), (302, 42710), (324, 42629), (338, 42563), (339, 42557), (342, 42539),

Gene: Aliter_76 Start: 43724, Stop: 42882, Start Num: 98
Candidate Starts for Aliter_76:
(Start: 98 @43724 has 245 MA's), (Start: 103 @43718 has 2 MA's), (Start: 130 @43655 has 19 MA's), (Start: 138 @43625 has 1 MA's), (151, 43562), (206, 43346), (260, 43214), (261, 43211), (262, 43208), (285, 43121), (302, 43073), (338, 42911),

Gene: Alma_73 Start: 43701, Stop: 42859, Start Num: 98
Candidate Starts for Alma_73:
(91, 43710), (Start: 98 @43701 has 245 MA's), (Start: 130 @43632 has 19 MA's), (Start: 138 @43602 has 1 MA's), (151, 43539), (206, 43323), (260, 43191), (261, 43188), (262, 43185), (285, 43098), (302, 43050), (338, 42888),

Gene: Alpacados_55 Start: 39314, Stop: 38505, Start Num: 115
Candidate Starts for Alpacados_55:
(Start: 115 @39314 has 35 MA's), (119, 39302), (128, 39266), (140, 39200), (Start: 142 @39194 has 1 MA's), (Start: 158 @39140 has 1 MA's), (164, 39125), (190, 39014), (278, 38789), (283, 38762), (298,

38717), (299, 38714), (302, 38699), (324, 38618), (338, 38549),

Gene: Alsfro_74 Start: 44187, Stop: 43378, Start Num: 111
Candidate Starts for Alsfro_74:
(32, 44349), (Start: 109 @44190 has 19 MA's), (Start: 111 @44187 has 4 MA's), (Start: 130 @44121 has 19 MA's), (Start: 146 @44040 has 1 MA's), (152, 44025), (161, 43989), (166, 43965), (190, 43863), (196, 43830), (212, 43785), (245, 43734), (260, 43695), (273, 43671), (283, 43617), (302, 43557), (324, 43476), (338, 43410), (339, 43404), (342, 43386),

Gene: Altman_71 Start: 44136, Stop: 43333, Start Num: 100
Candidate Starts for Altman_71:
(58, 44193), (Start: 100 @44136 has 31 MA's), (Start: 138 @44037 has 1 MA's), (Start: 146 @43986 has 1 MA's), (152, 43971), (196, 43785), (212, 43740), (260, 43650), (262, 43644), (271, 43629), (283, 43572), (286, 43557), (300, 43521), (302, 43512), (324, 43431), (338, 43365), (339, 43359), (342, 43341),

Gene: Alvin_69 Start: 44268, Stop: 43450, Start Num: 84
Candidate Starts for Alvin_69:
(Start: 72 @44286 has 2 MA's), (Start: 84 @44268 has 45 MA's), (Start: 98 @44256 has 245 MA's), (133, 44172), (Start: 138 @44154 has 1 MA's), (Start: 146 @44103 has 1 MA's), (152, 44088), (196, 43902), (212, 43857), (260, 43767), (262, 43761), (271, 43746), (274, 43740), (283, 43689), (286, 43674), (302, 43629), (324, 43548), (338, 43482), (339, 43476), (342, 43458),

Gene: Anaysia_82 Start: 44975, Stop: 44127, Start Num: 98
Candidate Starts for Anaysia_82:
(Start: 98 @44975 has 245 MA's), (Start: 103 @44969 has 2 MA's), (Start: 123 @44927 has 7 MA's), (Start: 130 @44894 has 19 MA's), (Start: 138 @44864 has 1 MA's), (161, 44771), (243, 44507), (261, 44459), (287, 44360), (288, 44357), (302, 44318),

Gene: Aneem_77 Start: 44375, Stop: 43560, Start Num: 98
Candidate Starts for Aneem_77:
(Start: 98 @44375 has 245 MA's), (139, 44270), (Start: 146 @44225 has 1 MA's), (161, 44183), (165, 44165), (190, 44057), (262, 43886), (283, 43814), (287, 43793), (302, 43754), (338, 43592),

Gene: Anglerfish_70 Start: 44466, Stop: 43663, Start Num: 100
Candidate Starts for Anglerfish_70:
(58, 44523), (Start: 100 @44466 has 31 MA's), (133, 44385), (Start: 138 @44367 has 1 MA's), (Start: 146 @44316 has 1 MA's), (152, 44301), (196, 44115), (212, 44070), (260, 43980), (262, 43974), (271, 43959), (274, 43953), (283, 43902), (286, 43887), (300, 43851), (302, 43842), (324, 43761), (338, 43695), (339, 43689), (342, 43671),

Gene: AngryOrchard_53 Start: 39474, Stop: 38665, Start Num: 115
Candidate Starts for AngryOrchard_53:
(Start: 115 @39474 has 35 MA's), (119, 39462), (128, 39426), (140, 39360), (Start: 142 @39354 has 1 MA's), (Start: 158 @39300 has 1 MA's), (164, 39285), (190, 39174), (278, 38949), (298, 38877), (299, 38874), (302, 38859), (324, 38778), (339, 38703),

Gene: AnnaL29_73 Start: 44675, Stop: 43767, Start Num: 98
Candidate Starts for AnnaL29_73:
(20, 44906), (31, 44810), (Start: 98 @44675 has 245 MA's), (Start: 130 @44606 has 19 MA's), (Start: 138 @44576 has 1 MA's), (161, 44483), (218, 44264), (232, 44222), (245, 44150), (261, 44096), (262, 44093), (287, 44000), (291, 43988), (302, 43958),

Gene: Annyong_67 Start: 43203, Stop: 42412, Start Num: 110
Candidate Starts for Annyong_67:
(21, 43416), (Start: 110 @43203 has 232 MA's), (Start: 123 @43176 has 7 MA's), (Start: 158 @43029 has 1 MA's), (166, 43005), (211, 42828), (252, 42762), (260, 42735), (271, 42714), (283, 42657), (284, 42648), (304, 42594), (338, 42444),

Gene: Anon_78 Start: 44306, Stop: 43425, Start Num: 113
Candidate Starts for Anon_78:
(Start: 113 @44306 has 2 MA's), (128, 44255), (Start: 130 @44243 has 19 MA's), (Start: 138 @44213 has 1 MA's), (140, 44189), (161, 44120), (182, 44039), (188, 44003), (287, 43661), (294, 43643), (302, 43619), (338, 43457),

Gene: Anselm_75 Start: 44777, Stop: 43959, Start Num: 98
Candidate Starts for Anselm_75:
(4, 45116), (9, 45089), (10, 45086), (12, 45077), (Start: 98 @44777 has 245 MA's), (Start: 130 @44705 has 19 MA's), (Start: 138 @44675 has 1 MA's), (161, 44582), (286, 44198), (287, 44192), (302, 44150), (309, 44120),

Gene: Anthony_71 Start: 43826, Stop: 43002, Start Num: 75
Candidate Starts for Anthony_71:
(64, 43844), (Start: 75 @43826 has 2 MA's), (Start: 138 @43718 has 1 MA's), (Start: 146 @43667 has 1 MA's), (150, 43655), (Start: 158 @43625 has 1 MA's), (165, 43607), (166, 43601), (184, 43529), (196, 43466), (262, 43334), (284, 43250), (287, 43238), (302, 43196), (338, 43034),

Gene: Anubis_80 Start: 43936, Stop: 43121, Start Num: 110
Candidate Starts for Anubis_80:
(24, 44116), (Start: 110 @43936 has 232 MA's), (Start: 123 @43909 has 7 MA's), (Start: 158 @43753 has 1 MA's), (166, 43729), (173, 43702), (178, 43684), (253, 43483), (260, 43459), (271, 43435), (302, 43315), (307, 43297), (314, 43267), (338, 43153), (342, 43129),

Gene: AppleCloud_53 Start: 39136, Stop: 38330, Start Num: 115
Candidate Starts for AppleCloud_53:
(Start: 115 @39136 has 35 MA's), (119, 39127), (128, 39091), (Start: 138 @39049 has 1 MA's), (140, 39025), (Start: 142 @39019 has 1 MA's), (Start: 158 @38965 has 1 MA's), (164, 38950), (190, 38839), (238, 38731), (278, 38614), (283, 38587), (298, 38542), (299, 38539), (302, 38524), (324, 38443), (339, 38368),

Gene: Applejack_70 Start: 42883, Stop: 42059, Start Num: 77
Candidate Starts for Applejack_70:
(Start: 77 @42883 has 47 MA's), (Start: 98 @42865 has 245 MA's), (133, 42781), (Start: 138 @42763 has 1 MA's), (Start: 146 @42712 has 1 MA's), (152, 42697), (196, 42511), (212, 42466), (260, 42376), (262, 42370), (271, 42355), (274, 42349), (283, 42298), (286, 42283), (300, 42247), (302, 42238), (324, 42157), (338, 42091), (339, 42085), (342, 42067),

Gene: Aquarius_36 Start: 24095, Stop: 23154, Start Num: 135
Candidate Starts for Aquarius_36:
(65, 24239), (Start: 127 @24116 has 1 MA's), (Start: 135 @24095 has 40 MA's), (198, 23786), (200, 23774), (214, 23729), (221, 23708), (280, 23501), (285, 23477), (297, 23441), (321, 23333), (325, 23318),

Gene: Aragog_67 Start: 42737, Stop: 41922, Start Num: 90
Candidate Starts for Aragog_67:

(Start: 90 @42737 has 50 MA's), (149, 42584), (Start: 158 @42563 has 1 MA's), (175, 42503), (182, 42482), (263, 42260), (283, 42164), (288, 42140), (296, 42122), (314, 42068), (320, 42044), (321, 42035), (338, 41954), (342, 41930),

Gene: Arcanine_72 Start: 45190, Stop: 44387, Start Num: 100
Candidate Starts for Arcanine_72:
(58, 45247), (Start: 100 @45190 has 31 MA's), (133, 45109), (Start: 138 @45091 has 1 MA's), (Start: 146 @45040 has 1 MA's), (152, 45025), (196, 44839), (212, 44794), (260, 44704), (262, 44698), (271, 44683), (274, 44677), (283, 44626), (286, 44611), (300, 44575), (302, 44566), (324, 44485), (338, 44419), (339, 44413), (342, 44395),

Gene: ArcherNM_67 Start: 43936, Stop: 43034, Start Num: 98
Candidate Starts for ArcherNM_67:
(Start: 98 @43936 has 245 MA's), (Start: 130 @43867 has 19 MA's), (Start: 138 @43837 has 1 MA's), (161, 43744), (175, 43684), (214, 43537), (224, 43507), (247, 43402), (256, 43387), (260, 43366), (287, 43267), (288, 43264), (302, 43225), (331, 43096), (338, 43063),

Gene: Archetta_65 Start: 42683, Stop: 41868, Start Num: 90
Candidate Starts for Archetta_65:
(Start: 90 @42683 has 50 MA's), (Start: 138 @42593 has 1 MA's), (Start: 146 @42542 has 1 MA's), (147, 42539), (Start: 158 @42509 has 1 MA's), (175, 42449), (182, 42428), (254, 42236), (263, 42206), (269, 42170), (283, 42110), (284, 42101), (288, 42086), (294, 42071), (314, 42014), (320, 41990), (321, 41981), (342, 41876),

Gene: Arissanae_72 Start: 44022, Stop: 43186, Start Num: 98
Candidate Starts for Arissanae_72:
(Start: 98 @44022 has 245 MA's), (Start: 123 @43992 has 7 MA's), (Start: 130 @43959 has 19 MA's), (Start: 138 @43929 has 1 MA's), (Start: 146 @43878 has 1 MA's), (148, 43869), (161, 43836), (194, 43686), (261, 43515), (262, 43512), (271, 43494), (284, 43428), (285, 43425), (287, 43416), (302, 43377), (314, 43329), (320, 43305),

Gene: Arlo_67 Start: 43620, Stop: 42820, Start Num: 109
Candidate Starts for Arlo_67:
(Start: 109 @43620 has 19 MA's), (133, 43542), (Start: 138 @43524 has 1 MA's), (Start: 146 @43473 has 1 MA's), (152, 43458), (196, 43272), (212, 43227), (260, 43137), (262, 43131), (271, 43116), (274, 43110), (283, 43059), (286, 43044), (300, 43008), (302, 42999), (324, 42918), (338, 42852), (339, 42846), (342, 42828),

Gene: Artemis2UCLA_75 Start: 42931, Stop: 42110, Start Num: 98
Candidate Starts for Artemis2UCLA_75:
(22, 43144), (Start: 98 @42931 has 245 MA's), (Start: 130 @42868 has 19 MA's), (Start: 138 @42838 has 1 MA's), (159, 42751), (161, 42745), (166, 42721), (245, 42493), (283, 42364), (287, 42343), (288, 42340), (291, 42331), (302, 42304), (338, 42142),

Gene: Arturo_65 Start: 43285, Stop: 42494, Start Num: 110
Candidate Starts for Arturo_65:
(21, 43498), (Start: 110 @43285 has 232 MA's), (Start: 123 @43258 has 7 MA's), (Start: 158 @43111 has 1 MA's), (166, 43087), (211, 42910), (252, 42844), (260, 42817), (271, 42796), (283, 42739), (284, 42730), (304, 42676), (338, 42526),

Gene: Ashballer_73 Start: 45670, Stop: 44852, Start Num: 84
Candidate Starts for Ashballer_73:

(Start: 75 @45679 has 2 MA's), (Start: 84 @45670 has 45 MA's), (Start: 98 @45658 has 245 MA's), (133, 45574), (Start: 138 @45556 has 1 MA's), (Start: 146 @45505 has 1 MA's), (152, 45490), (196, 45304), (212, 45259), (260, 45169), (262, 45163), (271, 45148), (274, 45142), (283, 45091), (286, 45076), (300, 45040), (302, 45031), (324, 44950), (338, 44884), (339, 44878), (342, 44860),

Gene: Astro_82 Start: 45252, Stop: 44449, Start Num: 90
Candidate Starts for Astro_82:
(Start: 90 @45252 has 50 MA's), (Start: 130 @45189 has 19 MA's), (147, 45105), (156, 45078), (175, 45018), (196, 44919), (241, 44838), (247, 44820), (262, 44778), (270, 44760), (272, 44757), (287, 44685), (288, 44682), (302, 44643), (320, 44571), (324, 44550), (342, 44457),

Gene: Atkinbua_73 Start: 44138, Stop: 43338, Start Num: 108
Candidate Starts for Atkinbua_73:
(Start: 108 @44138 has 55 MA's), (133, 44060), (Start: 138 @44042 has 1 MA's), (Start: 146 @43991 has 1 MA's), (152, 43976), (196, 43790), (212, 43745), (260, 43655), (262, 43649), (271, 43634), (283, 43577), (300, 43526), (302, 43517), (324, 43436), (328, 43424), (338, 43370), (339, 43364), (342, 43346),

Gene: Attacne_36 Start: 24128, Stop: 23187, Start Num: 135
Candidate Starts for Attacne_36:
(24, 24425), (49, 24320), (65, 24278), (Start: 127 @24155 has 1 MA's), (Start: 135 @24128 has 40 MA's), (198, 23819), (200, 23807), (214, 23762), (221, 23741), (280, 23534), (285, 23510), (290, 23486), (297, 23474), (321, 23366), (325, 23351),

Gene: AugsMagnumOpus_80 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for AugsMagnumOpus_80:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: AvatarAhPeg_67 Start: 43317, Stop: 42526, Start Num: 110
Candidate Starts for AvatarAhPeg_67:
(Start: 110 @43317 has 232 MA's), (Start: 123 @43290 has 7 MA's), (Start: 158 @43143 has 1 MA's), (253, 42873), (260, 42849), (271, 42828), (283, 42771), (284, 42762), (304, 42708), (338, 42558),

Gene: Avle17_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Avle17_68:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Ayanochan_72 Start: 43487, Stop: 42645, Start Num: 98
Candidate Starts for Ayanochan_72:
(Start: 98 @43487 has 245 MA's), (Start: 103 @43481 has 2 MA's), (Start: 130 @43418 has 19 MA's), (Start: 138 @43388 has 1 MA's), (151, 43325), (206, 43109), (260, 42977), (261, 42974), (262, 42971), (285, 42884), (302, 42836), (338, 42674),

Gene: B1_63 Start: 41854, Stop: 41057, Start Num: 108
Candidate Starts for B1_63:
(46, 41926), (Start: 108 @41854 has 55 MA's), (133, 41779), (260, 41383), (283, 41299), (304, 41239), (338, 41089), (342, 41065),

Gene: BABullseye_69 Start: 41571, Stop: 40744, Start Num: 98

Candidate Starts for BABullseye_69:
(Start: 98 @41571 has 245 MA's), (121, 41541), (Start: 130 @41499 has 19 MA's), (Start: 138 @41469 has 1 MA's), (Start: 146 @41418 has 1 MA's), (159, 41382), (166, 41352), (175, 41316), (192, 41232), (245, 41124), (261, 41070), (262, 41067), (283, 40995), (287, 40974), (288, 40971), (302, 40935), (338, 40773),

Gene: BK1_61 Start: 41484, Stop: 40684, Start Num: 108
Candidate Starts for BK1_61:
(83, 41502), (Start: 108 @41484 has 55 MA's), (133, 41406), (Start: 138 @41388 has 1 MA's), (Start: 146 @41337 has 1 MA's), (152, 41322), (196, 41136), (212, 41091), (260, 41001), (262, 40995), (274, 40974), (283, 40923), (302, 40863), (324, 40782), (338, 40716), (339, 40710), (342, 40692),

Gene: BPBiebs31_72 Start: 44726, Stop: 43926, Start Num: 108
Candidate Starts for BPBiebs31_72:
(Start: 108 @44726 has 55 MA's), (133, 44648), (Start: 138 @44630 has 1 MA's), (Start: 146 @44579 has 1 MA's), (152, 44564), (196, 44378), (212, 44333), (260, 44243), (262, 44237), (271, 44222), (283, 44165), (286, 44150), (300, 44114), (302, 44105), (324, 44024), (338, 43958), (339, 43952), (342, 43934),

Gene: Baby16_68 Start: 43169, Stop: 42378, Start Num: 110
Candidate Starts for Baby16_68:
(Start: 110 @43169 has 232 MA's), (Start: 123 @43142 has 7 MA's), (Start: 158 @42995 has 1 MA's), (166, 42971), (211, 42794), (252, 42728), (260, 42701), (271, 42680), (283, 42623), (284, 42614), (304, 42560), (338, 42410),

Gene: BabyBack_70 Start: 44371, Stop: 43559, Start Num: 98
Candidate Starts for BabyBack_70:
(Start: 98 @44371 has 245 MA's), (Start: 138 @44272 has 1 MA's), (140, 44248), (161, 44179), (256, 43909), (261, 43885), (262, 43882), (291, 43777), (294, 43771), (302, 43750), (338, 43588),

Gene: BabyJohn_66 Start: 43673, Stop: 42882, Start Num: 108
Candidate Starts for BabyJohn_66:
(2, 43997), (15, 43928), (26, 43823), (28, 43817), (33, 43796), (37, 43772), (46, 43745), (Start: 108 @43673 has 55 MA's), (196, 43343), (260, 43208), (283, 43124), (304, 43064), (338, 42914), (342, 42890),

Gene: BabyRay_72 Start: 43610, Stop: 42816, Start Num: 108
Candidate Starts for BabyRay_72:
(46, 43682), (Start: 108 @43610 has 55 MA's), (253, 43166), (254, 43163), (260, 43142), (283, 43058), (304, 42998), (338, 42848),

Gene: Bachome_74 Start: 43254, Stop: 42439, Start Num: 98
Candidate Starts for Bachome_74:
(Start: 98 @43254 has 245 MA's), (139, 43149), (Start: 146 @43104 has 1 MA's), (161, 43062), (165, 43044), (173, 43011), (175, 43002), (190, 42936), (262, 42765), (283, 42693), (287, 42672), (302, 42633), (338, 42471),

Gene: Backyardigan_65 Start: 43464, Stop: 42673, Start Num: 110
Candidate Starts for Backyardigan_65:
(Start: 110 @43464 has 232 MA's), (Start: 123 @43437 has 7 MA's), (Start: 158 @43290 has 1 MA's), (166, 43266), (253, 43020), (260, 42996), (283, 42918), (304, 42855), (338, 42705),

Gene: BaconJack_74 Start: 47015, Stop: 46191, Start Num: 77

Candidate Starts for BaconJack_74:
(60, 47048), (Start: 77 @47015 has 47 MA's), (Start: 98 @46997 has 245 MA's), (133, 46913), (Start: 138 @46895 has 1 MA's), (Start: 146 @46844 has 1 MA's), (152, 46829), (196, 46643), (212, 46598), (260, 46508), (262, 46502), (271, 46487), (274, 46481), (283, 46430), (286, 46415), (300, 46379), (302, 46370), (314, 46334), (324, 46289), (338, 46223), (339, 46217), (342, 46199),

Gene: Bactobuster_66 Start: 44057, Stop: 43245, Start Num: 97
Candidate Starts for Bactobuster_66:
(56, 44120), (Start: 97 @44057 has 5 MA's), (Start: 104 @44051 has 2 MA's), (Start: 123 @44021 has 7 MA's), (Start: 130 @43988 has 19 MA's), (Start: 138 @43958 has 1 MA's), (161, 43865), (262, 43568), (302, 43436), (326, 43337), (338, 43274),

Gene: Badger_66 Start: 43432, Stop: 42641, Start Num: 110
Candidate Starts for Badger_66:
(Start: 110 @43432 has 232 MA's), (Start: 123 @43405 has 7 MA's), (Start: 158 @43258 has 1 MA's), (166, 43234), (253, 42988), (260, 42964), (283, 42886), (304, 42823), (338, 42673),

Gene: Baehexic_72 Start: 44105, Stop: 43290, Start Num: 98
Candidate Starts for Baehexic_72:
(Start: 98 @44105 has 245 MA's), (Start: 130 @44036 has 19 MA's), (Start: 138 @44006 has 1 MA's), (155, 43931), (161, 43913), (261, 43619), (262, 43616), (302, 43481), (338, 43319),

Gene: BangNhom_66 Start: 43597, Stop: 42806, Start Num: 110
Candidate Starts for BangNhom_66:
(44, 43672), (Start: 110 @43597 has 232 MA's), (Start: 123 @43570 has 7 MA's), (Start: 158 @43423 has 1 MA's), (166, 43399), (211, 43222), (252, 43156), (260, 43129), (271, 43108), (283, 43051), (284, 43042), (304, 42988), (338, 42838),

Gene: Barriga_71 Start: 42784, Stop: 41981, Start Num: 100
Candidate Starts for Barriga_71:
(58, 42841), (Start: 100 @42784 has 31 MA's), (Start: 138 @42685 has 1 MA's), (Start: 146 @42634 has 1 MA's), (152, 42619), (196, 42433), (260, 42298), (262, 42292), (271, 42277), (283, 42220), (300, 42169), (302, 42160), (324, 42079), (338, 42013), (339, 42007), (342, 41989),

Gene: BarrowTuph_70 Start: 43804, Stop: 43004, Start Num: 108
Candidate Starts for BarrowTuph_70:
(Start: 108 @43804 has 55 MA's), (133, 43726), (Start: 138 @43708 has 1 MA's), (144, 43666), (Start: 146 @43657 has 1 MA's), (152, 43642), (196, 43456), (260, 43321), (262, 43315), (271, 43300), (283, 43243), (286, 43228), (300, 43192), (302, 43183), (314, 43147), (324, 43102), (338, 43036), (339, 43030), (342, 43012),

Gene: Bartimeaus_68 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Bartimeaus_68:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Battleship_84 Start: 44848, Stop: 44000, Start Num: 98
Candidate Starts for Battleship_84:
(Start: 98 @44848 has 245 MA's), (Start: 103 @44842 has 2 MA's), (Start: 123 @44800 has 7 MA's), (Start: 130 @44767 has 19 MA's), (Start: 138 @44737 has 1 MA's), (161, 44644), (243, 44380), (261, 44332), (287, 44233), (288, 44230), (302, 44191),

Gene: Beatrix_68 Start: 44872, Stop: 44045, Start Num: 85
Candidate Starts for Beatrix_68:
(76, 44881), (Start: 85 @44872 has 6 MA's), (Start: 98 @44860 has 245 MA's), (Start: 130 @44788 has 19 MA's), (Start: 146 @44707 has 1 MA's), (152, 44692), (161, 44656), (166, 44632), (196, 44497), (212, 44452), (245, 44401), (273, 44338), (283, 44284), (302, 44224), (324, 44143), (338, 44077), (339, 44071), (342, 44053),

Gene: Beauxregard13_76 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for Beauxregard13_76:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: Beemo_75 Start: 43742, Stop: 42900, Start Num: 98
Candidate Starts for Beemo_75:
(Start: 98 @43742 has 245 MA's), (Start: 103 @43736 has 2 MA's), (Start: 130 @43673 has 19 MA's), (Start: 138 @43643 has 1 MA's), (151, 43580), (206, 43364), (260, 43232), (261, 43229), (262, 43226), (285, 43139), (302, 43091), (338, 42929),

Gene: BeesKnees_73 Start: 44123, Stop: 43299, Start Num: 77
Candidate Starts for BeesKnees_73:
(60, 44156), (Start: 77 @44123 has 47 MA's), (Start: 98 @44105 has 245 MA's), (133, 44021), (Start: 138 @44003 has 1 MA's), (Start: 146 @43952 has 1 MA's), (152, 43937), (196, 43751), (260, 43616), (262, 43610), (271, 43595), (274, 43589), (283, 43538), (286, 43523), (300, 43487), (302, 43478), (324, 43397), (338, 43331), (339, 43325), (342, 43307),

Gene: Belenaria_57 Start: 39284, Stop: 38478, Start Num: 115
Candidate Starts for Belenaria_57:
(Start: 115 @39284 has 35 MA's), (119, 39275), (128, 39239), (Start: 138 @39197 has 1 MA's), (140, 39173), (Start: 142 @39167 has 1 MA's), (Start: 158 @39113 has 1 MA's), (164, 39098), (190, 38987), (238, 38879), (278, 38762), (283, 38735), (298, 38690), (299, 38687), (302, 38672), (324, 38591), (339, 38516),

Gene: Bellris_75 Start: 43595, Stop: 42759, Start Num: 98
Candidate Starts for Bellris_75:
(Start: 98 @43595 has 245 MA's), (Start: 123 @43565 has 7 MA's), (Start: 130 @43532 has 19 MA's), (Start: 138 @43502 has 1 MA's), (Start: 146 @43451 has 1 MA's), (151, 43439), (161, 43409), (192, 43265), (194, 43259), (206, 43223), (245, 43142), (261, 43088), (262, 43085), (285, 42998), (302, 42950), (320, 42878),

Gene: BellusTerra_69 Start: 43198, Stop: 42407, Start Num: 110
Candidate Starts for BellusTerra_69:
(Start: 110 @43198 has 232 MA's), (Start: 123 @43171 has 7 MA's), (Start: 158 @43024 has 1 MA's), (211, 42823), (252, 42757), (260, 42730), (271, 42709), (283, 42652), (284, 42643), (304, 42589), (338, 42439),

Gene: Benedict_71 Start: 43282, Stop: 42467, Start Num: 90
Candidate Starts for Benedict_71:
(42, 43369), (Start: 90 @43282 has 50 MA's), (Start: 138 @43192 has 1 MA's), (Start: 158 @43108 has 1 MA's), (175, 43048), (182, 43027), (194, 42958), (254, 42835), (263, 42805), (269, 42769), (274, 42760), (283, 42709), (284, 42700), (288, 42685), (294, 42670), (314, 42613), (320, 42589), (321, 42580), (338, 42499), (342, 42475),

Gene: BengiVuitton_73 Start: 44412, Stop: 43516, Start Num: 98
Candidate Starts for BengiVuitton_73:
(Start: 98 @44412 has 245 MA's), (Start: 130 @44346 has 19 MA's), (Start: 138 @44316 has 1 MA's), (155, 44241), (161, 44223), (214, 44016), (220, 44001), (233, 43959), (261, 43845), (262, 43842), (302, 43707),

Gene: BennyP_76 Start: 43097, Stop: 42276, Start Num: 98
Candidate Starts for BennyP_76:
(22, 43310), (Start: 98 @43097 has 245 MA's), (Start: 130 @43034 has 19 MA's), (Start: 138 @43004 has 1 MA's), (159, 42917), (161, 42911), (166, 42887), (245, 42659), (283, 42530), (287, 42509), (288, 42506), (291, 42497), (302, 42470), (338, 42308),

Gene: Benvolio_71 Start: 44009, Stop: 43197, Start Num: 98
Candidate Starts for Benvolio_71:
(Start: 98 @44009 has 245 MA's), (Start: 130 @43943 has 19 MA's), (Start: 138 @43913 has 1 MA's), (161, 43820), (256, 43550), (260, 43529), (286, 43436), (287, 43430), (302, 43388), (309, 43358),

Gene: Bethlehem_70 Start: 45644, Stop: 44844, Start Num: 109
Candidate Starts for Bethlehem_70:
(Start: 109 @45644 has 19 MA's), (133, 45566), (Start: 138 @45548 has 1 MA's), (Start: 146 @45497 has 1 MA's), (196, 45296), (212, 45251), (260, 45161), (262, 45155), (271, 45140), (274, 45134), (283, 45083), (286, 45068), (300, 45032), (302, 45023), (324, 44942), (338, 44876), (339, 44870), (342, 44852),

Gene: Bexan_66 Start: 44663, Stop: 43845, Start Num: 84
Candidate Starts for Bexan_66:
(Start: 75 @44672 has 2 MA's), (Start: 84 @44663 has 45 MA's), (Start: 98 @44651 has 245 MA's), (133, 44567), (Start: 138 @44549 has 1 MA's), (Start: 146 @44498 has 1 MA's), (152, 44483), (196, 44297), (212, 44252), (260, 44162), (262, 44156), (271, 44141), (274, 44135), (283, 44084), (286, 44069), (300, 44033), (302, 44024), (324, 43943), (338, 43877), (339, 43871), (342, 43853),

Gene: BiancaTri92_72 Start: 44375, Stop: 43551, Start Num: 96
Candidate Starts for BiancaTri92_72:
(Start: 96 @44375 has 2 MA's), (Start: 130 @44297 has 19 MA's), (Start: 138 @44267 has 1 MA's), (161, 44174), (302, 43742), (338, 43580),

Gene: Big3_70 Start: 46040, Stop: 45222, Start Num: 87
Candidate Starts for Big3_70:
(Start: 51 @46109 has 1 MA's), (Start: 72 @46061 has 2 MA's), (Start: 87 @46040 has 1 MA's), (94, 46034), (133, 45944), (Start: 138 @45926 has 1 MA's), (Start: 146 @45875 has 1 MA's), (152, 45860), (196, 45674), (238, 45599), (260, 45539), (283, 45461), (302, 45401), (324, 45320), (338, 45254), (339, 45248), (342, 45230),

Gene: BigMau_71 Start: 44534, Stop: 43734, Start Num: 109
Candidate Starts for BigMau_71:
(Start: 109 @44534 has 19 MA's), (133, 44456), (Start: 138 @44438 has 1 MA's), (Start: 146 @44387 has 1 MA's), (152, 44372), (196, 44186), (212, 44141), (260, 44051), (262, 44045), (271, 44030), (274, 44024), (283, 43973), (286, 43958), (300, 43922), (302, 43913), (324, 43832), (338, 43766), (339, 43760), (342, 43742),

Gene: BigPaolini_66 Start: 42233, Stop: 41421, Start Num: 95
Candidate Starts for BigPaolini_66:

(55, 42290), (Start: 95 @42233 has 6 MA's), (Start: 130 @42164 has 19 MA's), (Start: 146 @42083 has 1 MA's), (152, 42068), (161, 42032), (166, 42008), (190, 41906), (196, 41873), (212, 41828), (245, 41777), (260, 41738), (273, 41714), (283, 41660), (286, 41645), (300, 41609), (302, 41600), (324, 41519), (338, 41453), (339, 41447), (342, 41429),

Gene: Bigchungi_68 Start: 43995, Stop: 43261, Start Num: 130
Candidate Starts for Bigchungi_68:
(63, 44109), (64, 44106), (67, 44103), (Start: 130 @43995 has 19 MA's), (Start: 146 @43914 has 1 MA's), (152, 43899), (196, 43713), (260, 43578), (262, 43572), (274, 43551), (283, 43500), (286, 43485), (300, 43449), (302, 43440), (324, 43359), (328, 43347), (338, 43293), (339, 43287), (342, 43269),

Gene: Bigflo_75 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for Bigflo_75:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Bigfoot_63 Start: 43316, Stop: 42513, Start Num: 100
Candidate Starts for Bigfoot_63:
(58, 43373), (Start: 100 @43316 has 31 MA's), (133, 43235), (Start: 138 @43217 has 1 MA's), (Start: 146 @43166 has 1 MA's), (152, 43151), (196, 42965), (212, 42920), (260, 42830), (262, 42824), (271, 42809), (274, 42803), (283, 42752), (286, 42737), (300, 42701), (302, 42692), (324, 42611), (338, 42545), (339, 42539), (342, 42521),

Gene: BillKnuckles_65 Start: 44866, Stop: 44048, Start Num: 84
Candidate Starts for BillKnuckles_65:
(Start: 75 @44875 has 2 MA's), (Start: 84 @44866 has 45 MA's), (Start: 98 @44854 has 245 MA's), (133, 44770), (Start: 138 @44752 has 1 MA's), (Start: 146 @44701 has 1 MA's), (152, 44686), (196, 44500), (212, 44455), (260, 44365), (262, 44359), (271, 44344), (274, 44338), (283, 44287), (286, 44272), (300, 44236), (302, 44227), (324, 44146), (338, 44080), (339, 44074), (342, 44056),

Gene: Bimmel_34 Start: 21943, Stop: 21167, Start Num: 116
Candidate Starts for Bimmel_34:
(47, 22066), (Start: 104 @21961 has 2 MA's), (Start: 116 @21943 has 1 MA's), (120, 21931), (183, 21679), (194, 21625), (199, 21604), (242, 21532), (258, 21493), (274, 21454), (285, 21394), (291, 21373), (302, 21346), (322, 21271), (324, 21265),

Gene: Bircsak_68 Start: 45589, Stop: 44777, Start Num: 95
Candidate Starts for Bircsak_68:
(55, 45646), (Start: 95 @45589 has 6 MA's), (Start: 130 @45520 has 19 MA's), (Start: 146 @45439 has 1 MA's), (152, 45424), (161, 45388), (166, 45364), (196, 45229), (245, 45133), (273, 45070), (283, 45016), (286, 45001), (300, 44965), (302, 44956), (324, 44875), (338, 44809), (339, 44803), (342, 44785),

Gene: Blackflame_64 Start: 43317, Stop: 42499, Start Num: 84
Candidate Starts for Blackflame_64:
(52, 43380), (Start: 84 @43317 has 45 MA's), (Start: 98 @43305 has 245 MA's), (133, 43221), (Start: 138 @43203 has 1 MA's), (Start: 146 @43152 has 1 MA's), (152, 43137), (196, 42951), (212, 42906), (260, 42816), (262, 42810), (271, 42795), (274, 42789), (283, 42738), (286, 42723), (300, 42687), (302, 42678), (324, 42597), (338, 42531), (339, 42525), (342, 42507),

Gene: Blackmoor_67 Start: 43160, Stop: 42369, Start Num: 110

Candidate Starts for Blackmoor_67:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: BlessJoy_76 Start: 43453, Stop: 42632, Start Num: 98
Candidate Starts for BlessJoy_76:
(22, 43666), (Start: 98 @43453 has 245 MA's), (Start: 130 @43390 has 19 MA's), (Start: 138 @43360 has 1 MA's), (159, 43273), (161, 43267), (166, 43243), (245, 43015), (283, 42886), (287, 42865), (288, 42862), (291, 42853), (302, 42826), (338, 42664),

Gene: Blesser_64 Start: 42613, Stop: 41795, Start Num: 82
Candidate Starts for Blesser_64:
(Start: 82 @42613 has 8 MA's), (Start: 124 @42553 has 6 MA's), (133, 42517), (Start: 146 @42448 has 1 MA's), (152, 42433), (196, 42247), (212, 42202), (260, 42112), (262, 42106), (271, 42091), (274, 42085), (283, 42034), (286, 42019), (300, 41983), (302, 41974), (324, 41893), (338, 41827), (339, 41821), (342, 41803),

Gene: Blinn1_80 Start: 44182, Stop: 43361, Start Num: 98
Candidate Starts for Blinn1_80:
(Start: 98 @44182 has 245 MA's), (Start: 130 @44119 has 19 MA's), (Start: 146 @44038 has 1 MA's), (159, 44002), (161, 43996), (166, 43972), (174, 43939), (192, 43852), (261, 43690), (283, 43615), (286, 43600), (287, 43594), (291, 43582), (302, 43555), (314, 43507), (316, 43501), (338, 43393),

Gene: BluSpix_67 Start: 39683, Stop: 38949, Start Num: 130
Candidate Starts for BluSpix_67:
(63, 39797), (64, 39794), (67, 39791), (Start: 130 @39683 has 19 MA's), (Start: 146 @39602 has 1 MA's), (152, 39587), (196, 39401), (212, 39356), (260, 39266), (262, 39260), (271, 39245), (274, 39239), (283, 39188), (286, 39173), (300, 39137), (302, 39128), (324, 39047), (338, 38981), (339, 38975), (342, 38957),

Gene: Blue_69 Start: 44889, Stop: 44065, Start Num: 77
Candidate Starts for Blue_69:
(60, 44922), (Start: 77 @44889 has 47 MA's), (Start: 98 @44871 has 245 MA's), (133, 44787), (Start: 138 @44769 has 1 MA's), (Start: 146 @44718 has 1 MA's), (152, 44703), (196, 44517), (212, 44472), (260, 44382), (262, 44376), (271, 44361), (274, 44355), (283, 44304), (286, 44289), (300, 44253), (302, 44244), (324, 44163), (338, 44097), (339, 44091), (342, 44073),

Gene: Blue7_77 Start: 43151, Stop: 42330, Start Num: 98
Candidate Starts for Blue7_77:
(22, 43364), (Start: 98 @43151 has 245 MA's), (Start: 130 @43088 has 19 MA's), (Start: 138 @43058 has 1 MA's), (159, 42971), (161, 42965), (166, 42941), (245, 42713), (283, 42584), (287, 42563), (288, 42560), (291, 42551), (302, 42524), (338, 42362),

Gene: BlueBird_74 Start: 43681, Stop: 42887, Start Num: 108
Candidate Starts for BlueBird_74:
(Start: 108 @43681 has 55 MA's), (159, 43501), (253, 43237), (286, 43114), (304, 43069), (338, 42919), (342, 42895),

Gene: Bluefalcon_63 Start: 42703, Stop: 41888, Start Num: 90
Candidate Starts for Bluefalcon_63:
(Start: 90 @42703 has 50 MA's), (Start: 138 @42613 has 1 MA's), (Start: 146 @42562 has 1 MA's), (147, 42559), (Start: 158 @42529 has 1 MA's), (175, 42469), (182, 42448), (254, 42256), (263, 42226),

(269, 42190), (283, 42130), (284, 42121), (288, 42106), (294, 42091), (314, 42034), (320, 42010), (321, 42001), (342, 41896),

Gene: Bob3_70 Start: 43804, Stop: 43004, Start Num: 109
Candidate Starts for Bob3_70:
(Start: 109 @43804 has 19 MA's), (133, 43726), (Start: 138 @43708 has 1 MA's), (Start: 146 @43657 has 1 MA's), (152, 43642), (196, 43456), (212, 43411), (260, 43321), (262, 43315), (271, 43300), (274, 43294), (283, 43243), (286, 43228), (300, 43192), (302, 43183), (324, 43102), (338, 43036), (339, 43030), (342, 43012),

Gene: BobSwaget_66 Start: 42243, Stop: 41428, Start Num: 98
Candidate Starts for BobSwaget_66:
(Start: 98 @42243 has 245 MA's), (Start: 130 @42174 has 19 MA's), (Start: 138 @42144 has 1 MA's), (161, 42051), (261, 41757), (262, 41754), (286, 41667), (302, 41619), (338, 41457),

Gene: BobbyDazzler_56 Start: 39271, Stop: 38582, Start Num: 142
Candidate Starts for BobbyDazzler_56:
(Start: 115 @39391 has 35 MA's), (119, 39379), (128, 39343), (140, 39277), (Start: 142 @39271 has 1 MA's), (Start: 158 @39217 has 1 MA's), (164, 39202), (190, 39091), (278, 38866), (298, 38794), (299, 38791), (302, 38776), (324, 38695), (338, 38626), (339, 38620),

Gene: BogosyJay_75 Start: 43979, Stop: 43140, Start Num: 98
Candidate Starts for BogosyJay_75:
(34, 44102), (Start: 98 @43979 has 245 MA's), (Start: 123 @43949 has 7 MA's), (Start: 130 @43916 has 19 MA's), (Start: 138 @43886 has 1 MA's), (151, 43823), (161, 43793), (206, 43607), (209, 43604), (245, 43526), (261, 43472), (262, 43469), (287, 43373), (291, 43361), (308, 43307), (324, 43241), (329, 43217), (338, 43172),

Gene: Bombshell_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Bombshell_68:
(Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Bonamassa_67 Start: 42909, Stop: 42097, Start Num: 90
Candidate Starts for Bonamassa_67:
(Start: 90 @42909 has 50 MA's), (149, 42756), (Start: 158 @42735 has 1 MA's), (175, 42675), (182, 42654), (263, 42432), (283, 42339), (288, 42315), (296, 42297), (314, 42243), (320, 42219), (321, 42210), (342, 42105),

Gene: Bonanza_57 Start: 39696, Stop: 38887, Start Num: 115
Candidate Starts for Bonanza_57:
(Start: 115 @39696 has 35 MA's), (119, 39684), (128, 39648), (140, 39582), (Start: 142 @39576 has 1 MA's), (Start: 158 @39522 has 1 MA's), (164, 39507), (166, 39498), (190, 39396), (278, 39171), (283, 39144), (298, 39099), (299, 39096), (302, 39081), (324, 39000), (338, 38931),

Gene: Bones_67 Start: 44976, Stop: 44131, Start Num: 68
Candidate Starts for Bones_67:
(Start: 68 @44976 has 1 MA's), (73, 44967), (Start: 80 @44958 has 2 MA's), (Start: 98 @44946 has 245 MA's), (Start: 130 @44874 has 19 MA's), (Start: 146 @44793 has 1 MA's), (152, 44778), (161, 44742), (166, 44718), (190, 44616), (196, 44583), (212, 44538), (245, 44487), (273, 44424), (283, 44370), (302, 44310), (324, 44229), (338, 44163), (339, 44157), (342, 44139),

Gene: Boohoo_82 Start: 44975, Stop: 44127, Start Num: 98
Candidate Starts for Boohoo_82:
(Start: 98 @44975 has 245 MA's), (Start: 103 @44969 has 2 MA's), (Start: 123 @44927 has 7 MA's), (Start: 130 @44894 has 19 MA's), (Start: 138 @44864 has 1 MA's), (161, 44771), (243, 44507), (261, 44459), (287, 44360), (288, 44357), (302, 44318),

Gene: Bowtie_77 Start: 44382, Stop: 43567, Start Num: 98
Candidate Starts for Bowtie_77:
(Start: 98 @44382 has 245 MA's), (139, 44277), (Start: 146 @44232 has 1 MA's), (161, 44190), (165, 44172), (190, 44064), (262, 43893), (283, 43821), (287, 43800), (302, 43761), (338, 43599),

Gene: Brad_42 Start: 36940, Stop: 36104, Start Num: 124
Candidate Starts for Brad_42:
(Start: 124 @36940 has 6 MA's), (129, 36919), (163, 36760), (173, 36721), (174, 36715), (177, 36703), (189, 36652), (192, 36631), (199, 36604), (241, 36526), (290, 36352), (302, 36316), (335, 36169),

Gene: Bradman_76 Start: 43779, Stop: 42910, Start Num: 98
Candidate Starts for Bradman_76:
(Start: 98 @43779 has 245 MA's), (Start: 124 @43734 has 6 MA's), (140, 43656), (147, 43626), (161, 43587), (283, 43161), (287, 43140), (302, 43101), (338, 42939),

Gene: Bradshaw_56 Start: 39354, Stop: 38545, Start Num: 115
Candidate Starts for Bradshaw_56:
(Start: 115 @39354 has 35 MA's), (119, 39342), (140, 39240), (Start: 142 @39234 has 1 MA's), (Start: 158 @39180 has 1 MA's), (164, 39165), (190, 39054), (192, 39036), (278, 38829), (298, 38757), (299, 38754), (302, 38739), (324, 38658), (338, 38589), (339, 38583),

Gene: BreSam8_77 Start: 44043, Stop: 43228, Start Num: 110
Candidate Starts for BreSam8_77:
(24, 44223), (Start: 110 @44043 has 232 MA's), (Start: 123 @44016 has 7 MA's), (Start: 158 @43860 has 1 MA's), (166, 43836), (173, 43809), (178, 43791), (253, 43590), (260, 43566), (271, 43542), (302, 43422), (307, 43404), (314, 43374), (338, 43260), (342, 43236),

Gene: Briton15_73 Start: 45608, Stop: 44808, Start Num: 109
Candidate Starts for Briton15_73:
(Start: 109 @45608 has 19 MA's), (133, 45530), (Start: 138 @45512 has 1 MA's), (Start: 146 @45461 has 1 MA's), (152, 45446), (196, 45260), (212, 45215), (260, 45125), (262, 45119), (271, 45104), (274, 45098), (283, 45047), (286, 45032), (300, 44996), (302, 44987), (324, 44906), (338, 44840), (339, 44834), (342, 44816),

Gene: Broseidon_68 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Broseidon_68:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: BruceLethal_36 Start: 24659, Stop: 23721, Start Num: 134
Candidate Starts for BruceLethal_36:
(Start: 134 @24659 has 4 MA's), (198, 24350), (200, 24338), (214, 24293), (221, 24272), (280, 24065), (285, 24041), (297, 24005), (321, 23897), (325, 23882), (330, 23855),

Gene: Bruiser_67 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Bruiser_67:

(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Bruns_71 Start: 43745, Stop: 42945, Start Num: 109
Candidate Starts for Bruns_71:
(Start: 109 @43745 has 19 MA's), (133, 43667), (Start: 138 @43649 has 1 MA's), (Start: 146 @43598 has 1 MA's), (152, 43583), (196, 43397), (212, 43352), (260, 43262), (262, 43256), (271, 43241), (274, 43235), (283, 43184), (286, 43169), (300, 43133), (302, 43124), (314, 43088), (324, 43043), (338, 42977), (339, 42971), (342, 42953),

Gene: Bryce_55 Start: 39099, Stop: 38290, Start Num: 115
Candidate Starts for Bryce_55:
(Start: 115 @39099 has 35 MA's), (119, 39087), (128, 39051), (140, 38985), (Start: 142 @38979 has 1 MA's), (Start: 158 @38925 has 1 MA's), (164, 38910), (190, 38799), (278, 38574), (283, 38547), (298, 38502), (299, 38499), (302, 38484), (324, 38403), (338, 38334), (339, 38328),

Gene: BubbleTrouble_67 Start: 43185, Stop: 42394, Start Num: 110
Candidate Starts for BubbleTrouble_67:
(Start: 110 @43185 has 232 MA's), (Start: 123 @43158 has 7 MA's), (Start: 158 @43011 has 1 MA's), (166, 42987), (211, 42810), (252, 42744), (260, 42717), (271, 42696), (283, 42639), (284, 42630), (304, 42576), (338, 42426),

Gene: Buckaroo_64 Start: 43162, Stop: 42371, Start Num: 110
Candidate Starts for Buckaroo_64:
(Start: 110 @43162 has 232 MA's), (Start: 123 @43135 has 7 MA's), (Start: 158 @42988 has 1 MA's), (166, 42964), (211, 42787), (252, 42721), (260, 42694), (271, 42673), (283, 42616), (284, 42607), (304, 42553), (338, 42403),

Gene: Bud_71 Start: 42812, Stop: 41997, Start Num: 98
Candidate Starts for Bud_71:
(Start: 98 @42812 has 245 MA's), (139, 42707), (Start: 146 @42662 has 1 MA's), (161, 42620), (165, 42602), (190, 42494), (262, 42323), (283, 42251), (287, 42230), (302, 42191), (338, 42029),

Gene: Bugatti_74 Start: 43681, Stop: 42887, Start Num: 108
Candidate Starts for Bugatti_74:
(Start: 108 @43681 has 55 MA's), (159, 43501), (253, 43237), (286, 43114), (304, 43069), (338, 42919), (342, 42895),

Gene: Bugsy_75 Start: 44762, Stop: 43863, Start Num: 98
Candidate Starts for Bugsy_75:
(Start: 98 @44762 has 245 MA's), (Start: 112 @44750 has 1 MA's), (Start: 130 @44693 has 19 MA's), (Start: 138 @44663 has 1 MA's), (161, 44570), (175, 44510), (214, 44363), (220, 44348), (231, 44315), (233, 44306), (260, 44195), (287, 44096), (302, 44054), (338, 43892),

Gene: Bumblebee11_66 Start: 43434, Stop: 42643, Start Num: 110
Candidate Starts for Bumblebee11_66:
(Start: 110 @43434 has 232 MA's), (Start: 123 @43407 has 7 MA's), (Start: 158 @43260 has 1 MA's), (166, 43236), (253, 42990), (260, 42966), (283, 42888), (304, 42825), (338, 42675),

Gene: Burger_66 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Burger_66:

(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Burton_70 Start: 45570, Stop: 44767, Start Num: 100
Candidate Starts for Burton_70:
(58, 45627), (Start: 100 @45570 has 31 MA's), (133, 45489), (Start: 138 @45471 has 1 MA's), (Start: 146 @45420 has 1 MA's), (152, 45405), (196, 45219), (212, 45174), (260, 45084), (262, 45078), (271, 45063), (274, 45057), (283, 45006), (286, 44991), (300, 44955), (302, 44946), (324, 44865), (338, 44799), (339, 44793), (342, 44775),

Gene: Buttons_65 Start: 41283, Stop: 40480, Start Num: 100
Candidate Starts for Buttons_65:
(59, 41340), (Start: 100 @41283 has 31 MA's), (133, 41202), (Start: 138 @41184 has 1 MA's), (Start: 146 @41133 has 1 MA's), (152, 41118), (198, 40923), (208, 40902), (238, 40857), (260, 40797), (283, 40719), (302, 40659), (324, 40578), (338, 40512), (339, 40506), (342, 40488),

Gene: BuzzBuzz_71 Start: 44077, Stop: 43262, Start Num: 110
Candidate Starts for BuzzBuzz_71:
(24, 44257), (50, 44152), (Start: 110 @44077 has 232 MA's), (Start: 158 @43894 has 1 MA's), (166, 43870), (173, 43843), (178, 43825), (253, 43624), (260, 43600), (271, 43576), (302, 43456), (307, 43438), (338, 43294), (342, 43270),

Gene: Bxb1_62 Start: 42480, Stop: 41593, Start Num: 51
Candidate Starts for Bxb1_62:
(Start: 51 @42480 has 1 MA's), (Start: 72 @42432 has 2 MA's), (Start: 87 @42411 has 1 MA's), (94, 42405), (133, 42315), (Start: 138 @42297 has 1 MA's), (Start: 146 @42246 has 1 MA's), (152, 42231), (198, 42036), (238, 41970), (260, 41910), (283, 41832), (302, 41772), (324, 41691), (338, 41625), (339, 41619), (342, 41601),

Gene: Bxz2_72 Start: 44084, Stop: 43269, Start Num: 110
Candidate Starts for Bxz2_72:
(24, 44264), (Start: 110 @44084 has 232 MA's), (Start: 123 @44057 has 7 MA's), (Start: 158 @43901 has 1 MA's), (166, 43877), (173, 43850), (178, 43832), (253, 43631), (260, 43607), (271, 43583), (302, 43463), (307, 43445), (314, 43415), (338, 43301), (342, 43277),

Gene: C3_69 Start: 44381, Stop: 43506, Start Num: 107
Candidate Starts for C3_69:
(Start: 107 @44381 has 13 MA's), (Start: 123 @44351 has 7 MA's), (Start: 130 @44318 has 19 MA's), (Start: 138 @44288 has 1 MA's), (154, 44219), (159, 44201), (166, 44171), (173, 44144), (214, 43988), (245, 43943), (260, 43838), (262, 43832), (283, 43760), (287, 43739), (302, 43697), (329, 43580), (338, 43535),

Gene: CRB1_75 Start: 44957, Stop: 44061, Start Num: 98
Candidate Starts for CRB1_75:
(Start: 98 @44957 has 245 MA's), (Start: 130 @44891 has 19 MA's), (Start: 138 @44861 has 1 MA's), (155, 44786), (161, 44768), (220, 44546), (233, 44504), (256, 44414), (302, 44252),

Gene: CactusRose_71 Start: 44336, Stop: 43533, Start Num: 100
Candidate Starts for CactusRose_71:
(58, 44393), (Start: 100 @44336 has 31 MA's), (133, 44255), (Start: 138 @44237 has 1 MA's), (Start: 146 @44186 has 1 MA's), (152, 44171), (196, 43985), (212, 43940), (260, 43850), (262, 43844), (271, 43829), (274, 43823), (283, 43772), (286, 43757), (300, 43721), (302, 43712), (324, 43631), (338,

43565), (339, 43559), (342, 43541),

Gene: Caelakin_67 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Caelakin_67:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Caitlin_81 Start: 44881, Stop: 44141, Start Num: 130
Candidate Starts for Caitlin_81:
(Start: 90 @44944 has 50 MA's), (Start: 130 @44881 has 19 MA's), (147, 44797), (156, 44770), (175, 44710), (196, 44611), (241, 44530), (247, 44512), (262, 44470), (270, 44452), (272, 44449), (287, 44377), (288, 44374), (302, 44335), (320, 44263), (324, 44242), (342, 44149),

Gene: Calvinny_76 Start: 43866, Stop: 43051, Start Num: 110
Candidate Starts for Calvinny_76:
(24, 44043), (Start: 110 @43866 has 232 MA's), (Start: 138 @43776 has 1 MA's), (Start: 158 @43683 has 1 MA's), (166, 43659), (178, 43614), (253, 43413), (260, 43389), (281, 43314), (302, 43245), (307, 43227), (338, 43083), (342, 43059),

Gene: Camperdownii_66 Start: 42832, Stop: 42041, Start Num: 110
Candidate Starts for Camperdownii_66:
(44, 42907), (Start: 110 @42832 has 232 MA's), (Start: 123 @42805 has 7 MA's), (Start: 158 @42658 has 1 MA's), (211, 42457), (252, 42391), (260, 42364), (271, 42343), (283, 42286), (284, 42277), (304, 42223), (338, 42073),

Gene: Candra_77 Start: 43266, Stop: 42439, Start Num: 98
Candidate Starts for Candra_77:
(Start: 98 @43266 has 245 MA's), (121, 43236), (Start: 130 @43194 has 19 MA's), (Start: 138 @43164 has 1 MA's), (Start: 146 @43113 has 1 MA's), (159, 43077), (166, 43047), (175, 43011), (192, 42927), (245, 42819), (261, 42765), (262, 42762), (283, 42690), (287, 42669), (288, 42666), (302, 42630), (338, 42468),

Gene: Caraxes_76 Start: 44020, Stop: 43061, Start Num: 98
Candidate Starts for Caraxes_76:
(Start: 98 @44020 has 245 MA's), (119, 43999), (Start: 123 @43984 has 7 MA's), (Start: 124 @43975 has 6 MA's), (Start: 130 @43951 has 19 MA's), (Start: 138 @43921 has 1 MA's), (148, 43861), (161, 43828), (214, 43621), (245, 43498), (249, 43489), (260, 43393), (262, 43387), (287, 43294), (302, 43252), (338, 43090),

Gene: Carlyle_69 Start: 42672, Stop: 41854, Start Num: 84
Candidate Starts for Carlyle_69:
(52, 42735), (Start: 84 @42672 has 45 MA's), (Start: 98 @42660 has 245 MA's), (133, 42576), (Start: 138 @42558 has 1 MA's), (Start: 146 @42507 has 1 MA's), (152, 42492), (196, 42306), (212, 42261), (260, 42171), (262, 42165), (271, 42150), (274, 42144), (283, 42093), (286, 42078), (300, 42042), (302, 42033), (324, 41952), (338, 41886), (339, 41880), (342, 41862),

Gene: CartmannCramer_68 Start: 45859, Stop: 45041, Start Num: 84
Candidate Starts for CartmannCramer_68:
(Start: 72 @45877 has 2 MA's), (Start: 84 @45859 has 45 MA's), (Start: 98 @45847 has 245 MA's), (133, 45763), (Start: 138 @45745 has 1 MA's), (Start: 146 @45694 has 1 MA's), (152, 45679), (198, 45484), (212, 45448), (260, 45358), (262, 45352), (271, 45337), (274, 45331), (283, 45280), (286, 45265), (300, 45229), (302, 45220), (314, 45184), (324, 45139), (338, 45073), (339, 45067), (342,

45049),

Gene: Casserole_41 Start: 37883, Stop: 37047, Start Num: 124
Candidate Starts for Casserole_41:
(Start: 124 @37883 has 6 MA's), (129, 37862), (163, 37703), (173, 37664), (174, 37658), (177, 37646), (189, 37595), (199, 37547), (241, 37469), (261, 37406), (290, 37295), (302, 37259), (306, 37253), (335, 37112),

Gene: CatBus_64 Start: 43541, Stop: 42723, Start Num: 84
Candidate Starts for CatBus_64:
(Start: 72 @43559 has 2 MA's), (Start: 84 @43541 has 45 MA's), (Start: 98 @43529 has 245 MA's), (133, 43445), (Start: 138 @43427 has 1 MA's), (Start: 146 @43376 has 1 MA's), (152, 43361), (196, 43175), (212, 43130), (260, 43040), (262, 43034), (271, 43019), (273, 43016), (274, 43013), (283, 42962), (300, 42911), (302, 42902), (324, 42821), (338, 42755), (339, 42749), (342, 42731),

Gene: Cat_66 Start: 43413, Stop: 42619, Start Num: 108
Candidate Starts for Cat_66:
(46, 43485), (Start: 108 @43413 has 55 MA's), (253, 42969), (254, 42966), (260, 42945), (283, 42861), (304, 42801), (338, 42651),

Gene: Catalina_77 Start: 43798, Stop: 42956, Start Num: 98
Candidate Starts for Catalina_77:
(Start: 98 @43798 has 245 MA's), (Start: 103 @43792 has 2 MA's), (Start: 130 @43729 has 19 MA's), (Start: 138 @43699 has 1 MA's), (151, 43636), (206, 43420), (260, 43288), (261, 43285), (262, 43282), (285, 43195), (302, 43147), (338, 42985),

Gene: Caviar_71 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for Caviar_71:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: Celestialunch_70 Start: 42982, Stop: 42074, Start Num: 98
Candidate Starts for Celestialunch_70:
(34, 43105), (Start: 98 @42982 has 245 MA's), (Start: 103 @42976 has 2 MA's), (Start: 130 @42913 has 19 MA's), (Start: 138 @42883 has 1 MA's), (140, 42859), (Start: 146 @42832 has 1 MA's), (151, 42820), (161, 42790), (206, 42604), (209, 42601), (241, 42472), (245, 42457), (261, 42403), (262, 42400), (285, 42313), (302, 42265), (338, 42103),

Gene: Centaur_74 Start: 44320, Stop: 43505, Start Num: 98
Candidate Starts for Centaur_74:
(Start: 98 @44320 has 245 MA's), (Start: 130 @44251 has 19 MA's), (Start: 138 @44221 has 1 MA's), (155, 44146), (161, 44128), (261, 43834), (262, 43831), (302, 43696), (338, 43534),

Gene: CentreCat_68 Start: 43197, Stop: 42406, Start Num: 110
Candidate Starts for CentreCat_68:
(Start: 110 @43197 has 232 MA's), (Start: 123 @43170 has 7 MA's), (Start: 158 @43023 has 1 MA's), (211, 42822), (252, 42756), (260, 42729), (271, 42708), (284, 42642), (304, 42588), (338, 42438),

Gene: Cerulean_69 Start: 43598, Stop: 42807, Start Num: 110
Candidate Starts for Cerulean_69:
(44, 43673), (Start: 110 @43598 has 232 MA's), (Start: 123 @43571 has 7 MA's), (Start: 158 @43424 has 1 MA's), (166, 43400), (211, 43223), (252, 43157), (260, 43130), (271, 43109), (283, 43052), (284, 43043), (304, 42989), (338, 42839),

Gene: Chadwick_71 Start: 43026, Stop: 42211, Start Num: 90
Candidate Starts for Chadwick_71:
(42, 43113), (Start: 90 @43026 has 50 MA's), (Start: 138 @42936 has 1 MA's), (Start: 158 @42852 has 1 MA's), (175, 42792), (182, 42771), (194, 42702), (254, 42579), (263, 42549), (274, 42504), (283, 42453), (284, 42444), (288, 42429), (294, 42414), (314, 42357), (320, 42333), (321, 42324), (338, 42243), (342, 42219),

Gene: ChampagnePapi_70 Start: 43597, Stop: 42806, Start Num: 110
Candidate Starts for ChampagnePapi_70:
(44, 43672), (Start: 110 @43597 has 232 MA's), (Start: 123 @43570 has 7 MA's), (Start: 158 @43423 has 1 MA's), (211, 43222), (252, 43156), (260, 43129), (271, 43108), (284, 43042), (304, 42988), (338, 42838),

Gene: Chanagan_63 Start: 41553, Stop: 40750, Start Num: 100
Candidate Starts for Chanagan_63:
(58, 41610), (Start: 100 @41553 has 31 MA's), (Start: 130 @41484 has 19 MA's), (Start: 146 @41403 has 1 MA's), (152, 41388), (196, 41202), (212, 41157), (260, 41067), (262, 41061), (271, 41046), (274, 41040), (283, 40989), (286, 40974), (300, 40938), (302, 40929), (324, 40848), (338, 40782), (339, 40776), (342, 40758),

Gene: Changeling_72 Start: 44659, Stop: 43745, Start Num: 98
Candidate Starts for Changeling_72:
(54, 44719), (Start: 98 @44659 has 245 MA's), (Start: 130 @44581 has 19 MA's), (Start: 138 @44551 has 1 MA's), (161, 44458), (175, 44398), (214, 44251), (262, 44071), (287, 43978), (288, 43975), (302, 43936), (338, 43774),

Gene: Chaph_68 Start: 43169, Stop: 42378, Start Num: 110
Candidate Starts for Chaph_68:
(Start: 110 @43169 has 232 MA's), (Start: 123 @43142 has 7 MA's), (Start: 158 @42995 has 1 MA's), (166, 42971), (211, 42794), (252, 42728), (260, 42701), (271, 42680), (283, 42623), (284, 42614), (304, 42560), (338, 42410),

Gene: Chargerpower_71 Start: 42831, Stop: 42025, Start Num: 98
Candidate Starts for Chargerpower_71:
(16, 43122), (57, 42894), (Start: 98 @42831 has 245 MA's), (Start: 123 @42801 has 7 MA's), (Start: 138 @42738 has 1 MA's), (145, 42690), (161, 42645), (214, 42438), (255, 42378), (256, 42375), (291, 42243), (302, 42216), (338, 42054),

Gene: Charm_69 Start: 42916, Stop: 42008, Start Num: 98
Candidate Starts for Charm_69:
(34, 43042), (Start: 98 @42916 has 245 MA's), (Start: 103 @42910 has 2 MA's), (Start: 123 @42880 has 7 MA's), (Start: 130 @42847 has 19 MA's), (Start: 138 @42817 has 1 MA's), (140, 42793), (151, 42754), (161, 42724), (175, 42664), (206, 42538), (223, 42502), (241, 42406), (261, 42337), (262, 42334), (285, 42247), (287, 42238), (308, 42172), (318, 42136), (338, 42037),

Gene: Chartreuse_75 Start: 42577, Stop: 41750, Start Num: 98
Candidate Starts for Chartreuse_75:
(Start: 98 @42577 has 245 MA's), (121, 42547), (Start: 130 @42505 has 19 MA's), (Start: 138 @42475 has 1 MA's), (Start: 146 @42424 has 1 MA's), (159, 42388), (166, 42358), (175, 42322), (192, 42238), (245, 42130), (261, 42076), (262, 42073), (283, 42001), (287, 41980), (288, 41977), (302, 41941), (338, 41779),

Gene: Che12_78 Start: 44065, Stop: 43172, Start Num: 98
Candidate Starts for Che12_78:
(Start: 98 @44065 has 245 MA's), (119, 44044), (Start: 123 @44029 has 7 MA's), (Start: 130 @43996 has 19 MA's), (Start: 138 @43966 has 1 MA's), (148, 43906), (161, 43873), (214, 43666), (241, 43558), (262, 43498), (287, 43405), (302, 43363), (338, 43201),

Gene: ChipMunk_74 Start: 45803, Stop: 44904, Start Num: 98
Candidate Starts for ChipMunk_74:
(Start: 98 @45803 has 245 MA's), (Start: 112 @45791 has 1 MA's), (Start: 130 @45734 has 19 MA's), (Start: 138 @45704 has 1 MA's), (161, 45611), (175, 45551), (214, 45404), (220, 45389), (233, 45347), (260, 45236), (302, 45095), (338, 44933),

Gene: Chiqui_66 Start: 43682, Stop: 42891, Start Num: 108
Candidate Starts for Chiqui_66:
(2, 44006), (15, 43937), (26, 43832), (28, 43826), (33, 43805), (37, 43781), (46, 43754), (Start: 108 @43682 has 55 MA's), (196, 43352), (260, 43217), (283, 43133), (304, 43073), (338, 42923), (342, 42899),

Gene: ChristmasHams_62 Start: 41257, Stop: 40427, Start Num: 85
Candidate Starts for ChristmasHams_62:
(Start: 41 @41341 has 1 MA's), (Start: 85 @41257 has 6 MA's), (Start: 98 @41245 has 245 MA's), (Start: 130 @41170 has 19 MA's), (Start: 146 @41089 has 1 MA's), (152, 41074), (161, 41038), (166, 41014), (196, 40879), (245, 40783), (273, 40720), (283, 40666), (302, 40606), (324, 40525), (338, 40459), (339, 40453), (342, 40435),

Gene: Chupacabra_66 Start: 42951, Stop: 42124, Start Num: 86
Candidate Starts for Chupacabra_66:
(25, 43110), (Start: 86 @42951 has 16 MA's), (Start: 138 @42825 has 1 MA's), (Start: 158 @42741 has 1 MA's), (164, 42726), (166, 42717), (260, 42447), (261, 42444), (268, 42429), (283, 42369), (304, 42306), (320, 42246), (331, 42189), (342, 42132),

Gene: Ciao_68 Start: 43525, Stop: 42707, Start Num: 84
Candidate Starts for Ciao_68:
(Start: 72 @43543 has 2 MA's), (Start: 84 @43525 has 45 MA's), (Start: 98 @43513 has 245 MA's), (133, 43429), (Start: 138 @43411 has 1 MA's), (Start: 146 @43360 has 1 MA's), (152, 43345), (196, 43159), (212, 43114), (260, 43024), (262, 43018), (271, 43003), (283, 42946), (286, 42931), (300, 42895), (302, 42886), (324, 42805), (338, 42739), (339, 42733), (342, 42715),

Gene: Cici_67 Start: 43449, Stop: 42658, Start Num: 110
Candidate Starts for Cici_67:
(Start: 110 @43449 has 232 MA's), (Start: 123 @43422 has 7 MA's), (Start: 158 @43275 has 1 MA's), (166, 43251), (253, 43005), (260, 42981), (283, 42903), (284, 42894), (304, 42840), (338, 42690),

Gene: Cindaradix_64 Start: 43060, Stop: 42269, Start Num: 110
Candidate Starts for Cindaradix_64:
(44, 43135), (Start: 110 @43060 has 232 MA's), (Start: 123 @43033 has 7 MA's), (Start: 158 @42886 has 1 MA's), (166, 42862), (211, 42685), (253, 42616), (260, 42592), (284, 42505), (304, 42451), (338, 42301),

Gene: Cintron_68 Start: 43308, Stop: 42517, Start Num: 110
Candidate Starts for Cintron_68:
(44, 43383), (Start: 110 @43308 has 232 MA's), (Start: 123 @43281 has 7 MA's), (Start: 158 @43134 has 1 MA's), (211, 42933), (252, 42867), (260, 42840), (271, 42819), (283, 42762), (284, 42753), (304,

42699), (338, 42549),

Gene: Citius_68 Start: 43179, Stop: 42388, Start Num: 110
Candidate Starts for Citius_68:
(Start: 110 @43179 has 232 MA's), (Start: 123 @43152 has 7 MA's), (Start: 158 @43005 has 1 MA's), (166, 42981), (211, 42804), (252, 42738), (260, 42711), (271, 42690), (283, 42633), (284, 42624), (304, 42570), (338, 42420),

Gene: Clammy_73 Start: 43681, Stop: 42887, Start Num: 108
Candidate Starts for Clammy_73:
(Start: 108 @43681 has 55 MA's), (159, 43501), (253, 43237), (286, 43114), (304, 43069), (338, 42919), (342, 42895),

Gene: Clarenza_67 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Clarenza_67:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: CloudWang3_76 Start: 43443, Stop: 42622, Start Num: 98
Candidate Starts for CloudWang3_76:
(22, 43656), (Start: 98 @43443 has 245 MA's), (Start: 130 @43380 has 19 MA's), (Start: 138 @43350 has 1 MA's), (159, 43263), (161, 43257), (166, 43233), (245, 43005), (283, 42876), (287, 42855), (288, 42852), (291, 42843), (302, 42816), (338, 42654),

Gene: ClownCar_76 Start: 43859, Stop: 43044, Start Num: 110
Candidate Starts for ClownCar_76:
(Start: 110 @43859 has 232 MA's), (147, 43715), (Start: 158 @43676 has 1 MA's), (173, 43625), (178, 43607), (253, 43406), (260, 43382), (281, 43307), (302, 43238), (307, 43220), (338, 43076), (342, 43052),

Gene: Cocoaberry_68 Start: 43162, Stop: 42371, Start Num: 110
Candidate Starts for Cocoaberry_68:
(21, 43375), (Start: 110 @43162 has 232 MA's), (Start: 123 @43135 has 7 MA's), (Start: 158 @42988 has 1 MA's), (166, 42964), (211, 42787), (252, 42721), (260, 42694), (271, 42673), (283, 42616), (284, 42607), (304, 42553), (338, 42403),

Gene: CogOmlette_73 Start: 43592, Stop: 42756, Start Num: 98
Candidate Starts for CogOmlette_73:
(Start: 98 @43592 has 245 MA's), (Start: 123 @43562 has 7 MA's), (Start: 130 @43529 has 19 MA's), (Start: 138 @43499 has 1 MA's), (Start: 146 @43448 has 1 MA's), (151, 43436), (161, 43406), (192, 43262), (194, 43256), (206, 43220), (245, 43139), (261, 43085), (262, 43082), (285, 42995), (302, 42947), (320, 42875),

Gene: Colbster_73 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for Colbster_73:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: Colin_74 Start: 45378, Stop: 44485, Start Num: 98
Candidate Starts for Colin_74:

(Start: 98 @45378 has 245 MA's), (Start: 130 @45303 has 19 MA's), (161, 45180), (224, 44943), (260, 44820), (287, 44721), (302, 44679),

Gene: Commander_66 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for Commander_66:
(Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: ConceptII_73 Start: 45364, Stop: 44561, Start Num: 100
Candidate Starts for ConceptII_73:
(58, 45421), (Start: 100 @45364 has 31 MA's), (133, 45283), (Start: 138 @45265 has 1 MA's), (Start: 146 @45214 has 1 MA's), (152, 45199), (196, 45013), (212, 44968), (260, 44878), (262, 44872), (271, 44857), (283, 44800), (286, 44785), (300, 44749), (302, 44740), (324, 44659), (338, 44593), (339, 44587), (342, 44569),

Gene: Connomayer_68 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Connomayer_68:
(Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Conquerage_73 Start: 43473, Stop: 42631, Start Num: 98
Candidate Starts for Conquerage_73:
(Start: 98 @43473 has 245 MA's), (Start: 103 @43467 has 2 MA's), (Start: 130 @43404 has 19 MA's), (Start: 138 @43374 has 1 MA's), (151, 43311), (206, 43095), (260, 42963), (261, 42960), (262, 42957), (285, 42870), (302, 42822), (338, 42660),

Gene: Conspiracy_68 Start: 42959, Stop: 42144, Start Num: 90
Candidate Starts for Conspiracy_68:
(Start: 90 @42959 has 50 MA's), (149, 42806), (Start: 158 @42785 has 1 MA's), (175, 42725), (182, 42704), (263, 42482), (283, 42386), (288, 42362), (296, 42344), (314, 42290), (320, 42266), (321, 42257), (338, 42176), (342, 42152),

Gene: Coog_64 Start: 42730, Stop: 41915, Start Num: 90
Candidate Starts for Coog_64:
(Start: 90 @42730 has 50 MA's), (149, 42577), (Start: 158 @42556 has 1 MA's), (175, 42496), (182, 42475), (263, 42253), (283, 42157), (288, 42133), (296, 42115), (314, 42061), (320, 42037), (321, 42028), (338, 41947), (342, 41923),

Gene: Cookiedough_76 Start: 43881, Stop: 43054, Start Num: 98
Candidate Starts for Cookiedough_76:
(Start: 98 @43881 has 245 MA's), (121, 43851), (Start: 130 @43809 has 19 MA's), (Start: 138 @43779 has 1 MA's), (Start: 146 @43728 has 1 MA's), (159, 43692), (166, 43662), (175, 43626), (192, 43542), (245, 43434), (261, 43380), (262, 43377), (283, 43305), (287, 43284), (288, 43281), (302, 43245), (338, 43083),

Gene: Corvo_69 Start: 44673, Stop: 43873, Start Num: 108
Candidate Starts for Corvo_69:
(83, 44691), (Start: 108 @44673 has 55 MA's), (133, 44595), (Start: 138 @44577 has 1 MA's), (Start: 146 @44526 has 1 MA's), (152, 44511), (196, 44325), (212, 44280), (260, 44190), (262, 44184), (271, 44169), (283, 44112), (286, 44097), (300, 44061), (302, 44052), (324, 43971), (338, 43905), (339, 43899), (342, 43881),

Gene: CosmicSans_56 Start: 39345, Stop: 38536, Start Num: 115
Candidate Starts for CosmicSans_56:
(Start: 115 @39345 has 35 MA's), (119, 39333), (140, 39231), (Start: 142 @39225 has 1 MA's), (Start: 158 @39171 has 1 MA's), (164, 39156), (190, 39045), (192, 39027), (278, 38820), (298, 38748), (299, 38745), (302, 38730), (324, 38649), (338, 38580), (339, 38574),

Gene: Cota_36 Start: 24686, Stop: 23745, Start Num: 135
Candidate Starts for Cota_36:
(24, 24983), (49, 24878), (65, 24836), (Start: 127 @24713 has 1 MA's), (Start: 135 @24686 has 40 MA's), (192, 24401), (200, 24365), (214, 24320), (221, 24299), (275, 24128), (280, 24092), (285, 24068), (290, 24044), (297, 24032), (321, 23924), (325, 23909),

Gene: Crispicous1_67 Start: 43224, Stop: 42400, Start Num: 77
Candidate Starts for Crispicous1_67:
(60, 43257), (Start: 77 @43224 has 47 MA's), (Start: 98 @43206 has 245 MA's), (133, 43122), (Start: 138 @43104 has 1 MA's), (Start: 146 @43053 has 1 MA's), (152, 43038), (196, 42852), (212, 42807), (260, 42717), (262, 42711), (271, 42696), (274, 42690), (283, 42639), (286, 42624), (300, 42588), (302, 42579), (324, 42498), (338, 42432), (339, 42426), (342, 42408),

Gene: Croquant_74 Start: 44020, Stop: 43232, Start Num: 123
Candidate Starts for Croquant_74:
(24, 44227), (Start: 110 @44047 has 232 MA's), (Start: 123 @44020 has 7 MA's), (Start: 158 @43864 has 1 MA's), (166, 43840), (173, 43813), (178, 43795), (253, 43594), (260, 43570), (271, 43546), (302, 43426), (307, 43408), (314, 43378), (338, 43264), (342, 43240),

Gene: Crucio_74 Start: 44678, Stop: 43860, Start Num: 98
Candidate Starts for Crucio_74:
(Start: 98 @44678 has 245 MA's), (Start: 130 @44606 has 19 MA's), (Start: 138 @44576 has 1 MA's), (161, 44483), (175, 44423), (260, 44192), (287, 44093), (302, 44051), (309, 44021), (331, 43922), (338, 43889),

Gene: Cuco_66 Start: 42590, Stop: 41775, Start Num: 90
Candidate Starts for Cuco_66:
(Start: 90 @42590 has 50 MA's), (149, 42437), (Start: 158 @42416 has 1 MA's), (175, 42356), (182, 42335), (263, 42113), (283, 42017), (288, 41993), (296, 41975), (314, 41921), (320, 41897), (321, 41888), (338, 41807), (342, 41783),

Gene: Cueylyss_67 Start: 44703, Stop: 43903, Start Num: 111
Candidate Starts for Cueylyss_67:
(Start: 111 @44703 has 4 MA's), (133, 44625), (Start: 138 @44607 has 1 MA's), (Start: 146 @44556 has 1 MA's), (152, 44541), (198, 44346), (212, 44310), (260, 44220), (262, 44214), (271, 44199), (274, 44193), (283, 44142), (286, 44127), (300, 44091), (302, 44082), (324, 44001), (338, 43935), (339, 43929), (342, 43911),

Gene: Cullens_77 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for Cullens_77:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: D29_69 Start: 44861, Stop: 44052, Start Num: 107
Candidate Starts for D29_69:

(Start: 107 @44861 has 13 MA's), (Start: 123 @44831 has 7 MA's), (Start: 130 @44798 has 19 MA's), (Start: 138 @44768 has 1 MA's), (159, 44681), (166, 44651), (214, 44468), (262, 44378), (283, 44306), (287, 44285), (302, 44243), (303, 44240), (329, 44126), (331, 44114), (338, 44081),

Gene: D32_75 Start: 44861, Stop: 44052, Start Num: 107
Candidate Starts for D32_75:
(Start: 107 @44861 has 13 MA's), (Start: 123 @44831 has 7 MA's), (Start: 130 @44798 has 19 MA's), (Start: 138 @44768 has 1 MA's), (159, 44681), (166, 44651), (214, 44468), (262, 44378), (283, 44306), (287, 44285), (302, 44243), (303, 44240), (329, 44126), (331, 44114), (338, 44081),

Gene: DBQu4n_76 Start: 44841, Stop: 44032, Start Num: 107
Candidate Starts for DBQu4n_76:
(Start: 107 @44841 has 13 MA's), (Start: 123 @44811 has 7 MA's), (Start: 130 @44778 has 19 MA's), (Start: 138 @44748 has 1 MA's), (159, 44661), (166, 44631), (214, 44448), (262, 44358), (283, 44286), (287, 44265), (302, 44223), (303, 44220), (329, 44106), (331, 44094), (338, 44061),

Gene: DD5_69 Start: 45084, Stop: 44266, Start Num: 82
Candidate Starts for DD5_69:
(Start: 69 @45102 has 6 MA's), (Start: 74 @45093 has 2 MA's), (Start: 82 @45084 has 8 MA's), (Start: 98 @45072 has 245 MA's), (133, 44988), (Start: 138 @44970 has 1 MA's), (152, 44904), (196, 44718), (212, 44673), (260, 44583), (262, 44577), (271, 44562), (274, 44556), (283, 44505), (286, 44490), (300, 44454), (302, 44445), (324, 44364), (328, 44352), (338, 44298), (339, 44292), (342, 44274),

Gene: DaHudson_76 Start: 44042, Stop: 43227, Start Num: 110
Candidate Starts for DaHudson_76:
(24, 44222), (Start: 110 @44042 has 232 MA's), (Start: 123 @44015 has 7 MA's), (Start: 158 @43859 has 1 MA's), (166, 43835), (173, 43808), (178, 43790), (253, 43589), (260, 43565), (271, 43541), (302, 43421), (307, 43403), (314, 43373), (338, 43259), (342, 43235),

Gene: DaVinci_74 Start: 42631, Stop: 41804, Start Num: 98
Candidate Starts for DaVinci_74:
(Start: 98 @42631 has 245 MA's), (121, 42601), (Start: 130 @42559 has 19 MA's), (Start: 138 @42529 has 1 MA's), (Start: 146 @42478 has 1 MA's), (159, 42442), (166, 42412), (175, 42376), (192, 42292), (245, 42184), (261, 42130), (262, 42127), (283, 42055), (287, 42034), (288, 42031), (302, 41995), (338, 41833),

Gene: Daishi_76 Start: 42917, Stop: 42102, Start Num: 110
Candidate Starts for Daishi_76:
(24, 43097), (Start: 110 @42917 has 232 MA's), (Start: 123 @42890 has 7 MA's), (Start: 158 @42734 has 1 MA's), (166, 42710), (173, 42683), (178, 42665), (253, 42464), (260, 42440), (271, 42416), (302, 42296), (307, 42278), (314, 42248), (338, 42134), (342, 42110),

Gene: Dalmatian_74 Start: 44496, Stop: 43678, Start Num: 98
Candidate Starts for Dalmatian_74:
(4, 44835), (9, 44808), (10, 44805), (12, 44796), (Start: 98 @44496 has 245 MA's), (Start: 130 @44424 has 19 MA's), (Start: 138 @44394 has 1 MA's), (161, 44301), (286, 43917), (287, 43911), (302, 43869), (309, 43839),

Gene: Danforth_83 Start: 45329, Stop: 44526, Start Num: 90
Candidate Starts for Danforth_83:
(Start: 90 @45329 has 50 MA's), (Start: 130 @45266 has 19 MA's), (147, 45182), (156, 45155), (175, 45095), (196, 44996), (241, 44915), (247, 44897), (262, 44855), (270, 44837), (272, 44834), (287, 44762), (288, 44759), (302, 44720), (320, 44648), (324, 44627), (342, 44534),

Gene: Darrell_76 Start: 44385, Stop: 43495, Start Num: 98
Candidate Starts for Darrell_76:
(Start: 98 @44385 has 245 MA's), (Start: 123 @44355 has 7 MA's), (Start: 130 @44322 has 19 MA's), (Start: 138 @44292 has 1 MA's), (Start: 146 @44241 has 1 MA's), (151, 44229), (161, 44199), (206, 44013), (209, 44010), (245, 43878), (261, 43824), (262, 43821), (287, 43725), (291, 43713), (302, 43686), (320, 43614), (329, 43569), (338, 43524),

Gene: DarthPhader_71 Start: 44873, Stop: 44058, Start Num: 102
Candidate Starts for DarthPhader_71:
(49, 44966), (Start: 102 @44873 has 2 MA's), (Start: 130 @44804 has 19 MA's), (Start: 138 @44774 has 1 MA's), (151, 44711), (155, 44699), (159, 44687), (161, 44681), (166, 44657), (204, 44501), (262, 44384), (283, 44312), (287, 44291), (302, 44249), (338, 44087),

Gene: Datway_67 Start: 43420, Stop: 42629, Start Num: 110
Candidate Starts for Datway_67:
(Start: 110 @43420 has 232 MA's), (Start: 123 @43393 has 7 MA's), (Start: 158 @43246 has 1 MA's), (166, 43222), (253, 42976), (260, 42952), (283, 42874), (284, 42865), (304, 42811), (338, 42661),

Gene: Deano_65 Start: 43166, Stop: 42375, Start Num: 110
Candidate Starts for Deano_65:
(Start: 110 @43166 has 232 MA's), (Start: 123 @43139 has 7 MA's), (Start: 158 @42992 has 1 MA's), (166, 42968), (211, 42791), (252, 42725), (260, 42698), (271, 42677), (283, 42620), (284, 42611), (304, 42557), (338, 42407),

Gene: DeerParkTS_70 Start: 43405, Stop: 42509, Start Num: 98
Candidate Starts for DeerParkTS_70:
(Start: 98 @43405 has 245 MA's), (Start: 130 @43324 has 19 MA's), (Start: 138 @43294 has 1 MA's), (161, 43201), (175, 43141), (224, 42964), (260, 42841), (287, 42742), (291, 42730), (302, 42700), (338, 42538),

Gene: DekHockey33_83 Start: 44933, Stop: 44085, Start Num: 98
Candidate Starts for DekHockey33_83:
(Start: 98 @44933 has 245 MA's), (Start: 103 @44927 has 2 MA's), (Start: 123 @44885 has 7 MA's), (Start: 130 @44852 has 19 MA's), (Start: 138 @44822 has 1 MA's), (161, 44729), (243, 44465), (261, 44417), (287, 44318), (288, 44315), (302, 44276),

Gene: Deloris_73 Start: 44108, Stop: 43212, Start Num: 98
Candidate Starts for Deloris_73:
(Start: 98 @44108 has 245 MA's), (Start: 130 @44042 has 19 MA's), (Start: 138 @44012 has 1 MA's), (155, 43937), (161, 43919), (214, 43712), (220, 43697), (233, 43655), (261, 43541), (262, 43538), (302, 43403),

Gene: DelvinSonDorr_72 Start: 43286, Stop: 42459, Start Num: 98
Candidate Starts for DelvinSonDorr_72:
(Start: 98 @43286 has 245 MA's), (121, 43256), (Start: 130 @43214 has 19 MA's), (Start: 138 @43184 has 1 MA's), (Start: 146 @43133 has 1 MA's), (159, 43097), (166, 43067), (175, 43031), (192, 42947), (245, 42839), (261, 42785), (262, 42782), (283, 42710), (287, 42689), (288, 42686), (302, 42650), (338, 42488),

Gene: Dennebes_69 Start: 34407, Stop: 33568, Start Num: 117
Candidate Starts for Dennebes_69:

(Start: 72 @34473 has 2 MA's), (Start: 117 @34407 has 14 MA's), (Start: 122 @34392 has 2 MA's), (147, 34269), (165, 34197), (171, 34176), (181, 34137), (201, 34035), (237, 33963), (239, 33957), (282, 33807), (299, 33756),

Gene: Destructrice_65 Start: 34412, Stop: 33462, Start Num: 43
Candidate Starts for Destructrice_65:
(Start: 43 @34412 has 1 MA's), (60, 34373), (89, 34325), (Start: 117 @34283 has 14 MA's), (169, 34058), (185, 33992), (194, 33941), (201, 33911), (239, 33833), (282, 33701), (299, 33650), (324, 33548), (332, 33503),

Gene: Dhanush_68 Start: 43161, Stop: 42370, Start Num: 110
Candidate Starts for Dhanush_68:
(Start: 110 @43161 has 232 MA's), (Start: 123 @43134 has 7 MA's), (Start: 158 @42987 has 1 MA's), (166, 42963), (211, 42786), (252, 42720), (260, 42693), (271, 42672), (283, 42615), (284, 42606), (304, 42552), (338, 42402),

Gene: Dieselweasel_77 Start: 44051, Stop: 43236, Start Num: 110
Candidate Starts for Dieselweasel_77:
(24, 44231), (Start: 110 @44051 has 232 MA's), (Start: 123 @44024 has 7 MA's), (Start: 158 @43868 has 1 MA's), (166, 43844), (173, 43817), (178, 43799), (253, 43598), (260, 43574), (271, 43550), (302, 43430), (307, 43412), (314, 43382), (338, 43268), (342, 43244),

Gene: Dignity_75 Start: 44800, Stop: 43901, Start Num: 98
Candidate Starts for Dignity_75:
(Start: 98 @44800 has 245 MA's), (Start: 112 @44788 has 1 MA's), (Start: 130 @44731 has 19 MA's), (Start: 138 @44701 has 1 MA's), (161, 44608), (175, 44548), (214, 44401), (220, 44386), (231, 44353), (233, 44344), (260, 44233), (287, 44134), (302, 44092), (338, 43930),

Gene: Dinger_55 Start: 39487, Stop: 38678, Start Num: 115
Candidate Starts for Dinger_55:
(Start: 115 @39487 has 35 MA's), (119, 39475), (128, 39439), (140, 39373), (Start: 142 @39367 has 1 MA's), (Start: 158 @39313 has 1 MA's), (164, 39298), (190, 39187), (278, 38962), (298, 38890), (299, 38887), (302, 38872), (324, 38791), (338, 38722), (339, 38716),

Gene: DirtDevil_66 Start: 43349, Stop: 42531, Start Num: 84
Candidate Starts for DirtDevil_66:
(Start: 72 @43367 has 2 MA's), (Start: 84 @43349 has 45 MA's), (Start: 98 @43337 has 245 MA's), (133, 43253), (Start: 138 @43235 has 1 MA's), (Start: 146 @43184 has 1 MA's), (152, 43169), (196, 42983), (212, 42938), (260, 42848), (262, 42842), (271, 42827), (273, 42824), (274, 42821), (283, 42770), (300, 42719), (302, 42710), (324, 42629), (338, 42563), (339, 42557), (342, 42539),

Gene: DirtyDunning_67 Start: 43173, Stop: 42382, Start Num: 110
Candidate Starts for DirtyDunning_67:
(Start: 110 @43173 has 232 MA's), (Start: 123 @43146 has 7 MA's), (Start: 158 @42999 has 1 MA's), (166, 42975), (211, 42798), (252, 42732), (260, 42705), (271, 42684), (283, 42627), (284, 42618), (304, 42564), (338, 42414),

Gene: Discoknowium_65 Start: 42476, Stop: 41661, Start Num: 90
Candidate Starts for Discoknowium_65:
(Start: 90 @42476 has 50 MA's), (149, 42323), (Start: 158 @42302 has 1 MA's), (175, 42242), (182, 42221), (263, 41999), (283, 41903), (288, 41879), (296, 41861), (314, 41807), (320, 41783), (321, 41774), (338, 41693), (342, 41669),

Gene: Dixon_81 Start: 44811, Stop: 44008, Start Num: 90
Candidate Starts for Dixon_81:
(Start: 90 @44811 has 50 MA's), (Start: 130 @44748 has 19 MA's), (147, 44664), (156, 44637), (175, 44577), (196, 44478), (241, 44397), (247, 44379), (262, 44337), (270, 44319), (272, 44316), (287, 44244), (288, 44241), (302, 44202), (320, 44130), (324, 44109), (342, 44016),

Gene: DontArgue_65 Start: 41931, Stop: 41092, Start Num: 86
Candidate Starts for DontArgue_65:
(25, 42090), (34, 42051), (36, 42036), (Start: 86 @41931 has 16 MA's), (Start: 158 @41724 has 1 MA's), (164, 41709), (166, 41700), (261, 41427), (264, 41421), (288, 41313), (304, 41274), (342, 41100),

Gene: Doom_65 Start: 43936, Stop: 43112, Start Num: 77
Candidate Starts for Doom_65:
(60, 43969), (Start: 77 @43936 has 47 MA's), (Start: 98 @43918 has 245 MA's), (133, 43834), (Start: 138 @43816 has 1 MA's), (Start: 146 @43765 has 1 MA's), (152, 43750), (196, 43564), (260, 43429), (262, 43423), (271, 43408), (274, 43402), (283, 43351), (286, 43336), (300, 43300), (302, 43291), (324, 43210), (338, 43144), (339, 43138), (342, 43120),

Gene: Dorothea_76 Start: 43877, Stop: 43050, Start Num: 98
Candidate Starts for Dorothea_76:
(Start: 98 @43877 has 245 MA's), (121, 43847), (Start: 130 @43805 has 19 MA's), (Start: 138 @43775 has 1 MA's), (Start: 146 @43724 has 1 MA's), (159, 43688), (166, 43658), (175, 43622), (192, 43538), (245, 43430), (261, 43376), (262, 43373), (283, 43301), (287, 43280), (288, 43277), (302, 43241), (338, 43079),

Gene: DrFeelGood_67 Start: 43181, Stop: 42363, Start Num: 84
Candidate Starts for DrFeelGood_67:
(Start: 75 @43190 has 2 MA's), (Start: 84 @43181 has 45 MA's), (Start: 98 @43169 has 245 MA's), (133, 43085), (Start: 138 @43067 has 1 MA's), (Start: 146 @43016 has 1 MA's), (152, 43001), (196, 42815), (212, 42770), (260, 42680), (262, 42674), (271, 42659), (283, 42602), (286, 42587), (300, 42551), (302, 42542), (324, 42461), (338, 42395), (339, 42389), (342, 42371),

Gene: DrParker_36 Start: 24729, Stop: 23782, Start Num: 135
Candidate Starts for DrParker_36:
(65, 24879), (Start: 127 @24756 has 1 MA's), (Start: 135 @24729 has 40 MA's), (198, 24420), (200, 24408), (214, 24363), (215, 24360), (275, 24171), (280, 24135), (285, 24111), (297, 24075), (321, 23967), (325, 23952),

Gene: Drake55_75 Start: 44394, Stop: 43579, Start Num: 98
Candidate Starts for Drake55_75:
(Start: 98 @44394 has 245 MA's), (Start: 130 @44325 has 19 MA's), (Start: 138 @44295 has 1 MA's), (155, 44220), (161, 44202), (261, 43908), (262, 43905), (302, 43770), (338, 43608),

Gene: Drake94_66 Start: 42082, Stop: 41240, Start Num: 86
Candidate Starts for Drake94_66:
(25, 42241), (Start: 86 @42082 has 16 MA's), (92, 42070), (Start: 123 @42019 has 7 MA's), (Start: 158 @41872 has 1 MA's), (164, 41857), (261, 41575), (286, 41470), (288, 41461), (304, 41422), (320, 41362), (338, 41272), (342, 41248),

Gene: DreamCatcher_71 Start: 44247, Stop: 43513, Start Num: 130
Candidate Starts for DreamCatcher_71:

(63, 44361), (64, 44358), (67, 44355), (Start: 130 @44247 has 19 MA's), (Start: 146 @44166 has 1 MA's), (152, 44151), (196, 43965), (212, 43920), (260, 43830), (262, 43824), (271, 43809), (274, 43803), (283, 43752), (286, 43737), (300, 43701), (302, 43692), (324, 43611), (338, 43545), (339, 43539), (342, 43521),

Gene: DreamTeam1_69 Start: 42763, Stop: 41855, Start Num: 98
Candidate Starts for DreamTeam1_69:
(34, 42889), (Start: 98 @42763 has 245 MA's), (Start: 103 @42757 has 2 MA's), (Start: 123 @42727 has 7 MA's), (Start: 130 @42694 has 19 MA's), (Start: 138 @42664 has 1 MA's), (140, 42640), (151, 42601), (161, 42571), (175, 42511), (206, 42385), (223, 42349), (261, 42184), (262, 42181), (285, 42094), (287, 42085), (308, 42019), (318, 41983), (338, 41884),

Gene: Dreamboat_72 Start: 43583, Stop: 42759, Start Num: 77
Candidate Starts for Dreamboat_72:
(60, 43616), (Start: 77 @43583 has 47 MA's), (Start: 98 @43565 has 245 MA's), (133, 43481), (Start: 138 @43463 has 1 MA's), (Start: 146 @43412 has 1 MA's), (152, 43397), (196, 43211), (212, 43166), (260, 43076), (262, 43070), (271, 43055), (283, 42998), (286, 42983), (300, 42947), (302, 42938), (324, 42857), (338, 42791), (339, 42785), (342, 42767),

Gene: DroogsArmy_67 Start: 46599, Stop: 45799, Start Num: 101
Candidate Starts for DroogsArmy_67:
(Start: 101 @46599 has 6 MA's), (Start: 158 @46416 has 1 MA's), (164, 46401), (168, 46386), (188, 46299), (254, 46143), (264, 46113), (273, 46098), (283, 46044), (286, 46029), (304, 45981), (338, 45831),

Gene: DropBear_72 Start: 43599, Stop: 42805, Start Num: 108
Candidate Starts for DropBear_72:
(Start: 108 @43599 has 55 MA's), (260, 43131), (283, 43047), (304, 42987), (338, 42837), (342, 42813),

Gene: Druantia_67 Start: 43161, Stop: 42370, Start Num: 110
Candidate Starts for Druantia_67:
(Start: 110 @43161 has 232 MA's), (Start: 123 @43134 has 7 MA's), (Start: 158 @42987 has 1 MA's), (166, 42963), (211, 42786), (252, 42720), (260, 42693), (271, 42672), (283, 42615), (284, 42606), (304, 42552), (338, 42402),

Gene: Dublin_67 Start: 42869, Stop: 42054, Start Num: 90
Candidate Starts for Dublin_67:
(Start: 90 @42869 has 50 MA's), (149, 42716), (Start: 158 @42695 has 1 MA's), (175, 42635), (182, 42614), (263, 42392), (283, 42296), (288, 42272), (296, 42254), (314, 42200), (320, 42176), (321, 42167), (338, 42086), (342, 42062),

Gene: DudeLittle_72 Start: 44262, Stop: 43444, Start Num: 98
Candidate Starts for DudeLittle_72:
(4, 44601), (9, 44574), (10, 44571), (12, 44562), (Start: 98 @44262 has 245 MA's), (Start: 130 @44190 has 19 MA's), (Start: 138 @44160 has 1 MA's), (161, 44067), (286, 43683), (287, 43677), (302, 43635), (309, 43605),

Gene: Dulcie_69 Start: 45497, Stop: 44679, Start Num: 84
Candidate Starts for Dulcie_69:
(52, 45560), (Start: 84 @45497 has 45 MA's), (Start: 98 @45485 has 245 MA's), (133, 45401), (Start: 138 @45383 has 1 MA's), (Start: 146 @45332 has 1 MA's), (152, 45317), (198, 45122), (212, 45086), (260, 44996), (262, 44990), (271, 44975), (274, 44969), (283, 44918), (286, 44903), (300, 44867),

(302, 44858), (324, 44777), (338, 44711), (339, 44705), (342, 44687),

Gene: Duplo_76 Start: 44898, Stop: 44089, Start Num: 107
Candidate Starts for Duplo_76:
(Start: 107 @44898 has 13 MA's), (Start: 123 @44868 has 7 MA's), (Start: 130 @44835 has 19 MA's), (Start: 138 @44805 has 1 MA's), (159, 44718), (166, 44688), (214, 44505), (262, 44415), (283, 44343), (287, 44322), (302, 44280), (303, 44277), (329, 44163), (331, 44151), (338, 44118),

Gene: Dussy_70 Start: 44648, Stop: 43824, Start Num: 77
Candidate Starts for Dussy_70:
(60, 44681), (Start: 77 @44648 has 47 MA's), (Start: 98 @44630 has 245 MA's), (133, 44546), (Start: 138 @44528 has 1 MA's), (Start: 146 @44477 has 1 MA's), (152, 44462), (196, 44276), (212, 44231), (260, 44141), (262, 44135), (271, 44120), (283, 44063), (286, 44048), (300, 44012), (302, 44003), (324, 43922), (338, 43856), (339, 43850), (342, 43832),

Gene: DustyMartin_70 Start: 43100, Stop: 42276, Start Num: 86
Candidate Starts for DustyMartin_70:
(25, 43259), (Start: 86 @43100 has 16 MA's), (Start: 158 @42893 has 1 MA's), (164, 42878), (254, 42620), (260, 42599), (268, 42581), (283, 42521), (304, 42458), (320, 42398), (331, 42341), (338, 42308), (342, 42284),

Gene: Dynamix_72 Start: 44029, Stop: 43205, Start Num: 77
Candidate Starts for Dynamix_72:
(60, 44062), (Start: 77 @44029 has 47 MA's), (Start: 98 @44011 has 245 MA's), (133, 43927), (Start: 138 @43909 has 1 MA's), (Start: 146 @43858 has 1 MA's), (152, 43843), (196, 43657), (212, 43612), (260, 43522), (262, 43516), (271, 43501), (274, 43495), (283, 43444), (286, 43429), (300, 43393), (302, 43384), (324, 43303), (338, 43237), (339, 43231), (342, 43213),

Gene: EZMoney23_71 Start: 44170, Stop: 43283, Start Num: 98
Candidate Starts for EZMoney23_71:
(Start: 98 @44170 has 245 MA's), (Start: 130 @44101 has 19 MA's), (Start: 138 @44071 has 1 MA's), (161, 43978), (214, 43771), (218, 43759), (260, 43618), (283, 43540), (287, 43519), (288, 43516), (302, 43477),

Gene: Eagle_67 Start: 43219, Stop: 42428, Start Num: 110
Candidate Starts for Eagle_67:
(Start: 110 @43219 has 232 MA's), (Start: 123 @43192 has 7 MA's), (Start: 158 @43045 has 1 MA's), (211, 42844), (252, 42778), (260, 42751), (271, 42730), (283, 42673), (284, 42664), (304, 42610), (338, 42460),

Gene: EagleEye_79 Start: 44952, Stop: 44032, Start Num: 98
Candidate Starts for EagleEye_79:
(Start: 98 @44952 has 245 MA's), (Start: 138 @44859 has 1 MA's), (160, 44769), (199, 44595), (260, 44361), (261, 44358), (284, 44274), (302, 44223), (310, 44187),

Gene: Eaglepride_70 Start: 43072, Stop: 42227, Start Num: 86
Candidate Starts for Eaglepride_70:
(25, 43237), (39, 43159), (44, 43150), (Start: 86 @43072 has 16 MA's), (Start: 98 @43051 has 245 MA's), (Start: 100 @43048 has 31 MA's), (Start: 158 @42859 has 1 MA's), (164, 42844), (166, 42835), (254, 42586), (261, 42562), (264, 42556), (283, 42472), (288, 42448), (304, 42409), (320, 42349), (338, 42259), (342, 42235),

Gene: Eapen_68 Start: 43153, Stop: 42362, Start Num: 110

Candidate Starts for Eapen_68:
(21, 43366), (Start: 110 @43153 has 232 MA's), (Start: 123 @43126 has 7 MA's), (Start: 158 @42979 has 1 MA's), (166, 42955), (211, 42778), (252, 42712), (260, 42685), (271, 42664), (283, 42607), (284, 42598), (304, 42544), (338, 42394),

Gene: Ebony_76 Start: 43946, Stop: 43131, Start Num: 98
Candidate Starts for Ebony_76:
(Start: 98 @43946 has 245 MA's), (139, 43841), (Start: 146 @43796 has 1 MA's), (161, 43754), (165, 43736), (173, 43703), (175, 43694), (190, 43628), (262, 43457), (283, 43385), (287, 43364), (302, 43325), (338, 43163),

Gene: Echild_74 Start: 44033, Stop: 43221, Start Num: 98
Candidate Starts for Echild_74:
(Start: 98 @44033 has 245 MA's), (Start: 130 @43967 has 19 MA's), (Start: 138 @43937 has 1 MA's), (161, 43844), (256, 43574), (260, 43553), (286, 43460), (287, 43454), (302, 43412), (309, 43382),

Gene: Edison31_65 Start: 42815, Stop: 41991, Start Num: 86
Candidate Starts for Edison31_65:
(25, 42974), (Start: 86 @42815 has 16 MA's), (Start: 158 @42608 has 1 MA's), (164, 42593), (260, 42314), (268, 42296), (304, 42173), (320, 42113), (342, 41999),

Gene: EdogawaKiddo_75 Start: 43764, Stop: 42922, Start Num: 98
Candidate Starts for EdogawaKiddo_75:
(Start: 98 @43764 has 245 MA's), (Start: 103 @43758 has 2 MA's), (Start: 130 @43695 has 19 MA's), (Start: 138 @43665 has 1 MA's), (151, 43602), (206, 43386), (260, 43254), (261, 43251), (262, 43248), (285, 43161), (302, 43113), (338, 42951),

Gene: Edtherson_67 Start: 44196, Stop: 43393, Start Num: 88
Candidate Starts for Edtherson_67:
(Start: 88 @44196 has 4 MA's), (133, 44115), (Start: 138 @44097 has 1 MA's), (144, 44055), (Start: 146 @44046 has 1 MA's), (152, 44031), (196, 43845), (212, 43800), (260, 43710), (262, 43704), (271, 43689), (274, 43683), (283, 43632), (300, 43581), (302, 43572), (324, 43491), (328, 43479), (338, 43425), (339, 43419), (342, 43401),

Gene: Eidsmoe_73 Start: 43465, Stop: 42623, Start Num: 98
Candidate Starts for Eidsmoe_73:
(Start: 98 @43465 has 245 MA's), (Start: 103 @43459 has 2 MA's), (Start: 130 @43396 has 19 MA's), (Start: 138 @43366 has 1 MA's), (151, 43303), (206, 43087), (260, 42955), (261, 42952), (262, 42949), (285, 42862), (302, 42814), (338, 42652),

Gene: ElTiger69_73 Start: 43953, Stop: 43138, Start Num: 90
Candidate Starts for ElTiger69_73:
(42, 44040), (Start: 90 @43953 has 50 MA's), (Start: 138 @43863 has 1 MA's), (149, 43800), (Start: 157 @43782 has 1 MA's), (Start: 158 @43779 has 1 MA's), (175, 43719), (182, 43698), (194, 43629), (254, 43506), (260, 43485), (263, 43476), (269, 43440), (274, 43431), (283, 43380), (284, 43371), (288, 43356), (294, 43341), (314, 43284), (320, 43260), (321, 43251), (338, 43170), (342, 43146),

Gene: Elephantoon_75 Start: 43618, Stop: 42782, Start Num: 98
Candidate Starts for Elephantoon_75:
(7, 43927), (34, 43744), (Start: 98 @43618 has 245 MA's), (Start: 123 @43588 has 7 MA's), (Start: 130 @43555 has 19 MA's), (Start: 138 @43525 has 1 MA's), (Start: 146 @43474 has 1 MA's), (151, 43462), (161, 43432), (206, 43246), (209, 43243), (261, 43111), (262, 43108), (271, 43090), (285, 43021), (302, 42973), (320, 42901), (338, 42811),

Gene: Elle_76 Start: 43660, Stop: 42794, Start Num: 113
Candidate Starts for Elle_76:
(18, 43954), (19, 43945), (Start: 113 @43660 has 2 MA's), (Start: 130 @43597 has 19 MA's), (Start: 138 @43567 has 1 MA's), (147, 43513), (161, 43474), (182, 43393), (188, 43357), (219, 43255), (226, 43234), (229, 43231), (260, 43129), (264, 43120), (268, 43111), (287, 43030), (288, 43027), (294, 43012), (302, 42988), (338, 42826),

Gene: EmyBug_72 Start: 43467, Stop: 42625, Start Num: 98
Candidate Starts for EmyBug_72:
(Start: 98 @43467 has 245 MA's), (Start: 103 @43461 has 2 MA's), (Start: 130 @43398 has 19 MA's), (Start: 138 @43368 has 1 MA's), (151, 43305), (206, 43089), (260, 42957), (261, 42954), (262, 42951), (285, 42864), (302, 42816), (338, 42654),

Gene: Enochoraptor_35 Start: 24673, Stop: 23726, Start Num: 135
Candidate Starts for Enochoraptor_35:
(49, 24859), (106, 24757), (Start: 127 @24694 has 1 MA's), (Start: 135 @24673 has 40 MA's), (200, 24352), (214, 24307), (221, 24286), (280, 24079), (285, 24055), (290, 24031), (297, 24019), (321, 23911), (325, 23896), (338, 23833),

Gene: Enoki_36 Start: 24673, Stop: 23732, Start Num: 135
Candidate Starts for Enoki_36:
(Start: 127 @24700 has 1 MA's), (Start: 135 @24673 has 40 MA's), (198, 24364), (200, 24352), (214, 24307), (221, 24286), (275, 24115), (280, 24079), (285, 24055), (290, 24031), (297, 24019), (321, 23911), (325, 23896),

Gene: EnzoK_68 Start: 41181, Stop: 40381, Start Num: 109
Candidate Starts for EnzoK_68:
(Start: 109 @41181 has 19 MA's), (Start: 146 @41034 has 1 MA's), (152, 41019), (196, 40833), (212, 40788), (260, 40698), (262, 40692), (271, 40677), (274, 40671), (283, 40620), (286, 40605), (300, 40569), (302, 40560), (324, 40479), (338, 40413), (339, 40407), (342, 40389),

Gene: EpicPhail_78 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for EpicPhail_78:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: Epsocamisio_79 Start: 44223, Stop: 43375, Start Num: 98
Candidate Starts for Epsocamisio_79:
(Start: 98 @44223 has 245 MA's), (Start: 103 @44217 has 2 MA's), (Start: 123 @44175 has 7 MA's), (Start: 130 @44142 has 19 MA's), (Start: 138 @44112 has 1 MA's), (161, 44019), (287, 43608), (288, 43605), (302, 43566),

Gene: Equemioh13_73 Start: 44225, Stop: 43410, Start Num: 98
Candidate Starts for Equemioh13_73:
(Start: 98 @44225 has 245 MA's), (Start: 130 @44156 has 19 MA's), (Start: 138 @44126 has 1 MA's), (155, 44051), (161, 44033), (262, 43736), (302, 43601), (338, 43439),

Gene: EricB_75 Start: 43223, Stop: 42396, Start Num: 98
Candidate Starts for EricB_75:
(Start: 98 @43223 has 245 MA's), (121, 43193), (Start: 130 @43151 has 19 MA's), (Start: 138 @43121 has 1 MA's), (Start: 146 @43070 has 1 MA's), (159, 43034), (166, 43004), (175, 42968), (192, 42884),

(245, 42776), (261, 42722), (262, 42719), (283, 42647), (287, 42626), (288, 42623), (302, 42587), (338, 42425),

Gene: Erik_56 Start: 39277, Stop: 38468, Start Num: 115
Candidate Starts for Erik_56:
(Start: 115 @39277 has 35 MA's), (119, 39265), (140, 39163), (Start: 142 @39157 has 1 MA's), (Start: 158 @39103 has 1 MA's), (164, 39088), (190, 38977), (192, 38959), (278, 38752), (298, 38680), (299, 38677), (302, 38662), (324, 38581), (338, 38512), (339, 38506),

Gene: Eris_67 Start: 43173, Stop: 42382, Start Num: 110
Candidate Starts for Eris_67:
(21, 43386), (Start: 110 @43173 has 232 MA's), (Start: 123 @43146 has 7 MA's), (Start: 158 @42999 has 1 MA's), (166, 42975), (211, 42798), (252, 42732), (260, 42705), (271, 42684), (283, 42627), (284, 42618), (304, 42564), (338, 42414),

Gene: Eros_68 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Eros_68:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Espica_57 Start: 39284, Stop: 38478, Start Num: 115
Candidate Starts for Espica_57:
(Start: 115 @39284 has 35 MA's), (119, 39275), (128, 39239), (Start: 138 @39197 has 1 MA's), (140, 39173), (Start: 142 @39167 has 1 MA's), (Start: 158 @39113 has 1 MA's), (164, 39098), (190, 38987), (238, 38879), (278, 38762), (283, 38735), (298, 38690), (299, 38687), (302, 38672), (324, 38591), (339, 38516),

Gene: Espresso_65 Start: 43554, Stop: 42730, Start Num: 77
Candidate Starts for Espresso_65:
(Start: 77 @43554 has 47 MA's), (Start: 98 @43536 has 245 MA's), (133, 43452), (Start: 138 @43434 has 1 MA's), (Start: 146 @43383 has 1 MA's), (152, 43368), (196, 43182), (212, 43137), (260, 43047), (262, 43041), (271, 43026), (274, 43020), (283, 42969), (286, 42954), (300, 42918), (302, 42909), (324, 42828), (338, 42762), (339, 42756), (342, 42738),

Gene: Et2Brutus_75 Start: 43909, Stop: 43094, Start Num: 98
Candidate Starts for Et2Brutus_75:
(Start: 98 @43909 has 245 MA's), (139, 43804), (Start: 146 @43759 has 1 MA's), (161, 43717), (165, 43699), (173, 43666), (190, 43591), (262, 43420), (283, 43348), (287, 43327), (302, 43288), (338, 43126),

Gene: EtoileNova_69 Start: 43642, Stop: 42848, Start Num: 108
Candidate Starts for EtoileNova_69:
(Start: 108 @43642 has 55 MA's), (Start: 158 @43468 has 1 MA's), (253, 43198), (260, 43174), (304, 43030), (320, 42970), (338, 42880), (342, 42856),

Gene: Euphoria_68 Start: 43689, Stop: 42889, Start Num: 111
Candidate Starts for Euphoria_68:
(89, 43707), (Start: 111 @43689 has 4 MA's), (133, 43611), (Start: 138 @43593 has 1 MA's), (Start: 146 @43542 has 1 MA's), (152, 43527), (198, 43332), (212, 43296), (260, 43206), (262, 43200), (271, 43185), (274, 43179), (283, 43128), (286, 43113), (300, 43077), (302, 43068), (324, 42987), (338, 42921), (339, 42915), (342, 42897),

Gene: Eurydice_69 Start: 43194, Stop: 42403, Start Num: 110
Candidate Starts for Eurydice_69:
(Start: 110 @43194 has 232 MA's), (Start: 123 @43167 has 7 MA's), (Start: 158 @43020 has 1 MA's), (211, 42819), (252, 42753), (260, 42726), (271, 42705), (283, 42648), (284, 42639), (304, 42585), (338, 42435),

Gene: EvilGenius_73 Start: 45804, Stop: 44905, Start Num: 98
Candidate Starts for EvilGenius_73:
(Start: 98 @45804 has 245 MA's), (Start: 112 @45792 has 1 MA's), (Start: 130 @45735 has 19 MA's), (Start: 138 @45705 has 1 MA's), (155, 45630), (161, 45612), (214, 45405), (220, 45390), (233, 45348), (260, 45237), (302, 45096), (338, 44934),

Gene: Expelliarmus_79 Start: 45025, Stop: 44222, Start Num: 90
Candidate Starts for Expelliarmus_79:
(Start: 90 @45025 has 50 MA's), (Start: 130 @44962 has 19 MA's), (147, 44878), (156, 44851), (175, 44791), (196, 44692), (241, 44611), (247, 44593), (262, 44551), (270, 44533), (272, 44530), (287, 44458), (288, 44455), (302, 44416), (320, 44344), (324, 44323), (342, 44230),

Gene: ExplosioNervosa_73 Start: 43533, Stop: 42691, Start Num: 98
Candidate Starts for ExplosioNervosa_73:
(Start: 98 @43533 has 245 MA's), (Start: 103 @43527 has 2 MA's), (Start: 130 @43464 has 19 MA's), (Start: 138 @43434 has 1 MA's), (151, 43371), (206, 43155), (260, 43023), (261, 43020), (262, 43017), (285, 42930), (302, 42882), (338, 42720),

Gene: Eyeball_70 Start: 44866, Stop: 44039, Start Num: 80
Candidate Starts for Eyeball_70:
(Start: 68 @44884 has 1 MA's), (73, 44875), (Start: 80 @44866 has 2 MA's), (Start: 98 @44854 has 245 MA's), (Start: 130 @44782 has 19 MA's), (Start: 146 @44701 has 1 MA's), (152, 44686), (161, 44650), (166, 44626), (190, 44524), (196, 44491), (212, 44446), (245, 44395), (273, 44332), (283, 44278), (302, 44218), (324, 44137), (338, 44071), (339, 44065), (342, 44047),

Gene: Fabian_60 Start: 33698, Stop: 32811, Start Num: 74
Candidate Starts for Fabian_60:
(Start: 71 @33704 has 4 MA's), (Start: 74 @33698 has 2 MA's), (93, 33671), (Start: 117 @33638 has 14 MA's), (Start: 122 @33623 has 2 MA's), (169, 33413), (196, 33287), (239, 33188), (257, 33143), (277, 33068), (282, 33044), (283, 33041), (324, 32897),

Gene: Fajezeel_71 Start: 44540, Stop: 43722, Start Num: 84
Candidate Starts for Fajezeel_71:
(52, 44603), (Start: 84 @44540 has 45 MA's), (Start: 98 @44528 has 245 MA's), (133, 44444), (Start: 138 @44426 has 1 MA's), (Start: 146 @44375 has 1 MA's), (152, 44360), (196, 44174), (212, 44129), (260, 44039), (262, 44033), (271, 44018), (283, 43961), (286, 43946), (300, 43910), (302, 43901), (324, 43820), (338, 43754), (339, 43748), (342, 43730),

Gene: Fameo_72 Start: 44305, Stop: 43487, Start Num: 98
Candidate Starts for Fameo_72:
(Start: 98 @44305 has 245 MA's), (Start: 130 @44233 has 19 MA's), (Start: 138 @44203 has 1 MA's), (161, 44110), (241, 43873), (256, 43840), (260, 43819), (286, 43726), (287, 43720), (302, 43678), (309, 43648), (331, 43549), (338, 43516),

Gene: Farber_77 Start: 44039, Stop: 43224, Start Num: 110
Candidate Starts for Farber_77:

(24, 44219), (Start: 110 @44039 has 232 MA's), (Start: 123 @44012 has 7 MA's), (Start: 158 @43856 has 1 MA's), (166, 43832), (173, 43805), (178, 43787), (253, 43586), (260, 43562), (271, 43538), (302, 43418), (307, 43400), (314, 43370), (338, 43256), (342, 43232),

Gene: Fascinus_65 Start: 43830, Stop: 43027, Start Num: 100
Candidate Starts for Fascinus_65:
(58, 43887), (Start: 100 @43830 has 31 MA's), (133, 43749), (Start: 138 @43731 has 1 MA's), (Start: 146 @43680 has 1 MA's), (152, 43665), (196, 43479), (212, 43434), (260, 43344), (262, 43338), (271, 43323), (274, 43317), (283, 43266), (286, 43251), (300, 43215), (302, 43206), (324, 43125), (338, 43059), (339, 43053), (342, 43035),

Gene: FatCactus_70 Start: 43272, Stop: 42448, Start Num: 75
Candidate Starts for FatCactus_70:
(Start: 75 @43272 has 2 MA's), (132, 43185), (Start: 138 @43164 has 1 MA's), (Start: 146 @43113 has 1 MA's), (Start: 158 @43071 has 1 MA's), (165, 43053), (166, 43047), (184, 42975), (211, 42879), (244, 42828), (302, 42642), (338, 42480),

Gene: Fayely_73 Start: 43434, Stop: 42592, Start Num: 98
Candidate Starts for Fayely_73:
(Start: 98 @43434 has 245 MA's), (Start: 103 @43428 has 2 MA's), (Start: 130 @43365 has 19 MA's), (Start: 138 @43335 has 1 MA's), (151, 43272), (206, 43056), (260, 42924), (261, 42921), (262, 42918), (285, 42831), (302, 42783), (338, 42621),

Gene: Fenn_75 Start: 46122, Stop: 45298, Start Num: 77
Candidate Starts for Fenn_75:
(60, 46155), (Start: 77 @46122 has 47 MA's), (Start: 98 @46104 has 245 MA's), (133, 46020), (Start: 138 @46002 has 1 MA's), (Start: 146 @45951 has 1 MA's), (152, 45936), (196, 45750), (212, 45705), (260, 45615), (262, 45609), (283, 45537), (286, 45522), (300, 45486), (302, 45477), (324, 45396), (338, 45330), (339, 45324), (342, 45306),

Gene: Fernando_77 Start: 44022, Stop: 43234, Start Num: 123
Candidate Starts for Fernando_77:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Fibonacci_75 Start: 43915, Stop: 43100, Start Num: 98
Candidate Starts for Fibonacci_75:
(Start: 98 @43915 has 245 MA's), (139, 43810), (Start: 146 @43765 has 1 MA's), (161, 43723), (165, 43705), (173, 43672), (175, 43663), (190, 43597), (262, 43426), (283, 43354), (287, 43333), (302, 43294), (338, 43132),

Gene: FiringLine_74 Start: 44660, Stop: 43842, Start Num: 98
Candidate Starts for FiringLine_74:
(Start: 98 @44660 has 245 MA's), (Start: 130 @44588 has 19 MA's), (Start: 138 @44558 has 1 MA's), (161, 44465), (175, 44405), (260, 44174), (286, 44081), (287, 44075), (302, 44033), (309, 44003), (331, 43904), (338, 43871),

Gene: First_0074 Start: 44362, Stop: 43466, Start Num: 98
Candidate Starts for First_0074:
(Start: 98 @44362 has 245 MA's), (Start: 130 @44296 has 19 MA's), (Start: 138 @44266 has 1 MA's), (155, 44191), (161, 44173), (220, 43951), (233, 43909), (256, 43819), (302, 43657),

Gene: Flare16_74 Start: 44364, Stop: 43549, Start Num: 98
Candidate Starts for Flare16_74:
(Start: 98 @44364 has 245 MA's), (Start: 130 @44295 has 19 MA's), (Start: 138 @44265 has 1 MA's), (155, 44190), (161, 44172), (261, 43878), (262, 43875), (302, 43740), (338, 43578),

Gene: Flaverint_77 Start: 44373, Stop: 43558, Start Num: 98
Candidate Starts for Flaverint_77:
(Start: 98 @44373 has 245 MA's), (139, 44268), (Start: 146 @44223 has 1 MA's), (161, 44181), (165, 44163), (190, 44055), (262, 43884), (283, 43812), (287, 43791), (302, 43752), (338, 43590),

Gene: Florean_68 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for Florean_68:
(Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: Florence1_65 Start: 42421, Stop: 41609, Start Num: 90
Candidate Starts for Florence1_65:
(Start: 90 @42421 has 50 MA's), (149, 42268), (Start: 158 @42247 has 1 MA's), (175, 42187), (182, 42166), (263, 41944), (283, 41851), (288, 41827), (296, 41809), (314, 41755), (320, 41731), (321, 41722), (342, 41617),

Gene: Florence4_66 Start: 42421, Stop: 41609, Start Num: 90
Candidate Starts for Florence4_66:
(Start: 90 @42421 has 50 MA's), (149, 42268), (Start: 158 @42247 has 1 MA's), (175, 42187), (182, 42166), (263, 41944), (283, 41851), (288, 41827), (296, 41809), (314, 41755), (320, 41731), (321, 41722), (342, 41617),

Gene: FlowerPower_62 Start: 33704, Stop: 32811, Start Num: 71
Candidate Starts for FlowerPower_62:
(Start: 71 @33704 has 4 MA's), (Start: 74 @33698 has 2 MA's), (93, 33671), (Start: 117 @33638 has 14 MA's), (Start: 122 @33623 has 2 MA's), (169, 33413), (196, 33287), (239, 33188), (257, 33143), (277, 33068), (282, 33044), (283, 33041), (324, 32897),

Gene: Flux_68 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for Flux_68:
(21, 43370), (Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: FlyCatcher_73 Start: 47184, Stop: 46387, Start Num: 101
Candidate Starts for FlyCatcher_73:
(Start: 101 @47184 has 6 MA's), (Start: 123 @47148 has 7 MA's), (Start: 158 @47001 has 1 MA's), (168, 46971), (194, 46851), (283, 46629), (288, 46608), (289, 46605), (293, 46596), (304, 46569), (316, 46527), (320, 46509), (338, 46419),

Gene: ForGetIt_68 Start: 42984, Stop: 42169, Start Num: 90
Candidate Starts for ForGetIt_68:
(Start: 90 @42984 has 50 MA's), (149, 42831), (Start: 158 @42810 has 1 MA's), (175, 42750), (182, 42729), (263, 42507), (283, 42411), (288, 42387), (296, 42369), (314, 42315), (320, 42291), (321, 42282), (338, 42201), (342, 42177),

Gene: ForesterFrank_71 Start: 44460, Stop: 43555, Start Num: 98

Candidate Starts for ForesterFrank_71:
(8, 44769), (9, 44766), (20, 44697), (29, 44604), (31, 44601), (Start: 98 @44460 has 245 MA's), (Start: 130 @44391 has 19 MA's), (Start: 138 @44361 has 1 MA's), (161, 44268), (214, 44061), (224, 44031), (247, 43926), (287, 43791), (288, 43788), (302, 43749), (309, 43719),

Gene: Forsytheast_70 Start: 43742, Stop: 42942, Start Num: 108
Candidate Starts for Forsytheast_70:
(Start: 108 @43742 has 55 MA's), (133, 43664), (Start: 138 @43646 has 1 MA's), (Start: 146 @43595 has 1 MA's), (152, 43580), (196, 43394), (212, 43349), (260, 43259), (262, 43253), (271, 43238), (283, 43181), (286, 43166), (300, 43130), (302, 43121), (324, 43040), (338, 42974), (339, 42968), (342, 42950),

Gene: Francis47_68 Start: 45138, Stop: 44326, Start Num: 95
Candidate Starts for Francis47_68:
(55, 45195), (Start: 95 @45138 has 6 MA's), (Start: 130 @45069 has 19 MA's), (Start: 146 @44988 has 1 MA's), (152, 44973), (161, 44937), (166, 44913), (190, 44811), (196, 44778), (245, 44682), (260, 44643), (273, 44619), (283, 44565), (302, 44505), (324, 44424), (338, 44358), (339, 44352), (342, 44334),

Gene: Fred313_69 Start: 43293, Stop: 42499, Start Num: 108
Candidate Starts for Fred313_69:
(Start: 108 @43293 has 55 MA's), (260, 42825), (283, 42741), (304, 42681), (338, 42531), (342, 42507),

Gene: Froghopper_66 Start: 42801, Stop: 42001, Start Num: 108
Candidate Starts for Froghopper_66:
(Start: 108 @42801 has 55 MA's), (Start: 138 @42705 has 1 MA's), (Start: 146 @42654 has 1 MA's), (152, 42639), (196, 42453), (212, 42408), (260, 42318), (262, 42312), (271, 42297), (283, 42240), (286, 42225), (300, 42189), (302, 42180), (324, 42099), (338, 42033), (339, 42027), (342, 42009),

Gene: Funston_67 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Funston_67:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Fushigi_65 Start: 41928, Stop: 41092, Start Num: 69
Candidate Starts for Fushigi_65:
(Start: 69 @41928 has 6 MA's), (Start: 74 @41919 has 2 MA's), (Start: 82 @41910 has 8 MA's), (Start: 98 @41898 has 245 MA's), (133, 41814), (Start: 138 @41796 has 1 MA's), (Start: 146 @41745 has 1 MA's), (152, 41730), (196, 41544), (212, 41499), (260, 41409), (262, 41403), (271, 41388), (274, 41382), (283, 41331), (286, 41316), (300, 41280), (302, 41271), (324, 41190), (338, 41124), (339, 41118), (342, 41100),

Gene: GMonster_69 Start: 44286, Stop: 43552, Start Num: 130
Candidate Starts for GMonster_69:
(63, 44400), (64, 44397), (67, 44394), (Start: 130 @44286 has 19 MA's), (Start: 146 @44205 has 1 MA's), (152, 44190), (196, 44004), (212, 43959), (260, 43869), (262, 43863), (271, 43848), (274, 43842), (283, 43791), (286, 43776), (300, 43740), (302, 43731), (324, 43650), (338, 43584), (339, 43578), (342, 43560),

Gene: Gachnar_68 Start: 43964, Stop: 43161, Start Num: 100
Candidate Starts for Gachnar_68:

(58, 44021), (Start: 100 @43964 has 31 MA's), (133, 43883), (Start: 138 @43865 has 1 MA's), (Start: 146 @43814 has 1 MA's), (152, 43799), (196, 43613), (212, 43568), (260, 43478), (262, 43472), (271, 43457), (274, 43451), (283, 43400), (300, 43349), (302, 43340), (324, 43259), (330, 43229), (338, 43193), (339, 43187), (342, 43169),

Gene: Gadost_68 Start: 43162, Stop: 42371, Start Num: 110
Candidate Starts for Gadost_68:
(21, 43375), (Start: 110 @43162 has 232 MA's), (Start: 123 @43135 has 7 MA's), (Start: 158 @42988 has 1 MA's), (166, 42964), (211, 42787), (252, 42721), (260, 42694), (271, 42673), (283, 42616), (284, 42607), (304, 42553), (338, 42403),

Gene: GageAP_70 Start: 44975, Stop: 44175, Start Num: 111
Candidate Starts for GageAP_70:
(Start: 111 @44975 has 4 MA's), (Start: 146 @44828 has 1 MA's), (152, 44813), (198, 44618), (212, 44582), (260, 44492), (262, 44486), (271, 44471), (274, 44465), (283, 44414), (286, 44399), (296, 44372), (300, 44363), (302, 44354), (324, 44273), (338, 44207), (339, 44201), (342, 44183),

Gene: Gail_75 Start: 44762, Stop: 43887, Start Num: 98
Candidate Starts for Gail_75:
(28, 44933), (57, 44831), (Start: 98 @44762 has 245 MA's), (Start: 123 @44732 has 7 MA's), (Start: 130 @44699 has 19 MA's), (Start: 138 @44669 has 1 MA's), (161, 44576), (214, 44369), (224, 44339), (247, 44252), (256, 44237), (302, 44078), (308, 44051),

Gene: Gandalf20_70 Start: 44839, Stop: 44015, Start Num: 77
Candidate Starts for Gandalf20_70:
(Start: 77 @44839 has 47 MA's), (Start: 98 @44821 has 245 MA's), (133, 44737), (Start: 138 @44719 has 1 MA's), (Start: 146 @44668 has 1 MA's), (152, 44653), (196, 44467), (212, 44422), (260, 44332), (262, 44326), (271, 44311), (274, 44305), (283, 44254), (286, 44239), (300, 44203), (302, 44194), (324, 44113), (338, 44047), (339, 44041), (342, 44023),

Gene: Garak_77 Start: 43394, Stop: 42573, Start Num: 98
Candidate Starts for Garak_77:
(22, 43607), (Start: 98 @43394 has 245 MA's), (Start: 130 @43331 has 19 MA's), (Start: 138 @43301 has 1 MA's), (159, 43214), (161, 43208), (166, 43184), (245, 42956), (283, 42827), (287, 42806), (288, 42803), (291, 42794), (302, 42767), (338, 42605),

Gene: GaugeLDP_69 Start: 43938, Stop: 43126, Start Num: 98
Candidate Starts for GaugeLDP_69:
(Start: 98 @43938 has 245 MA's), (Start: 123 @43902 has 7 MA's), (Start: 138 @43839 has 1 MA's), (161, 43746), (165, 43728), (214, 43539), (261, 43452), (262, 43449), (274, 43428), (287, 43356), (291, 43344), (302, 43317), (338, 43155),

Gene: Gemma_74 Start: 43862, Stop: 43047, Start Num: 110
Candidate Starts for Gemma_74:
(Start: 110 @43862 has 232 MA's), (147, 43718), (Start: 158 @43679 has 1 MA's), (173, 43628), (178, 43610), (253, 43409), (260, 43385), (281, 43310), (302, 43241), (307, 43223), (338, 43079), (342, 43055),

Gene: George_63 Start: 42653, Stop: 41841, Start Num: 90
Candidate Starts for George_63:
(Start: 90 @42653 has 50 MA's), (149, 42500), (Start: 158 @42479 has 1 MA's), (175, 42419), (182, 42398), (263, 42176), (283, 42083), (288, 42059), (296, 42041), (314, 41987), (320, 41963), (321, 41954), (342, 41849),

Gene: Georgie2_75 Start: 44705, Stop: 43887, Start Num: 98
Candidate Starts for Georgie2_75:
(Start: 98 @44705 has 245 MA's), (Start: 130 @44633 has 19 MA's), (Start: 138 @44603 has 1 MA's), (161, 44510), (175, 44450), (260, 44219), (286, 44126), (287, 44120), (302, 44078), (309, 44048), (331, 43949), (338, 43916),

Gene: Geostin_57 Start: 33704, Stop: 32811, Start Num: 71
Candidate Starts for Geostin_57:
(Start: 71 @33704 has 4 MA's), (Start: 74 @33698 has 2 MA's), (93, 33671), (Start: 117 @33638 has 14 MA's), (Start: 122 @33623 has 2 MA's), (169, 33413), (196, 33287), (207, 33248), (239, 33188), (257, 33143), (277, 33068), (282, 33044), (283, 33041), (324, 32897),

Gene: Ghoulboy_67 Start: 42957, Stop: 42142, Start Num: 90
Candidate Starts for Ghoulboy_67:
(Start: 90 @42957 has 50 MA's), (Start: 138 @42867 has 1 MA's), (Start: 146 @42816 has 1 MA's), (147, 42813), (Start: 158 @42783 has 1 MA's), (175, 42723), (182, 42702), (254, 42510), (263, 42480), (269, 42444), (283, 42384), (284, 42375), (288, 42360), (294, 42345), (314, 42288), (320, 42264), (321, 42255), (342, 42150),

Gene: Gilberta_73 Start: 43249, Stop: 42434, Start Num: 98
Candidate Starts for Gilberta_73:
(Start: 98 @43249 has 245 MA's), (139, 43144), (Start: 146 @43099 has 1 MA's), (161, 43057), (165, 43039), (190, 42931), (262, 42760), (283, 42688), (287, 42667), (302, 42628), (338, 42466),

Gene: GingkoMaracino_77 Start: 43935, Stop: 43120, Start Num: 110
Candidate Starts for GingkoMaracino_77:
(24, 44115), (Start: 110 @43935 has 232 MA's), (Start: 123 @43908 has 7 MA's), (Start: 158 @43752 has 1 MA's), (166, 43728), (173, 43701), (178, 43683), (253, 43482), (260, 43458), (271, 43434), (302, 43314), (307, 43296), (314, 43266), (338, 43152), (342, 43128),

Gene: Giroux_74 Start: 43680, Stop: 42886, Start Num: 108
Candidate Starts for Giroux_74:
(Start: 108 @43680 has 55 MA's), (159, 43500), (253, 43236), (286, 43113), (304, 43068), (338, 42918), (342, 42894),

Gene: Gladiator_73 Start: 43297, Stop: 42476, Start Num: 98
Candidate Starts for Gladiator_73:
(22, 43510), (Start: 98 @43297 has 245 MA's), (Start: 130 @43234 has 19 MA's), (Start: 138 @43204 has 1 MA's), (159, 43117), (161, 43111), (166, 43087), (245, 42859), (283, 42730), (287, 42709), (288, 42706), (291, 42697), (302, 42670), (331, 42541), (338, 42508),

Gene: Gollum_56 Start: 39340, Stop: 38534, Start Num: 115
Candidate Starts for Gollum_56:
(Start: 115 @39340 has 35 MA's), (119, 39331), (128, 39295), (Start: 138 @39253 has 1 MA's), (140, 39229), (Start: 142 @39223 has 1 MA's), (Start: 158 @39169 has 1 MA's), (164, 39154), (190, 39043), (238, 38935), (278, 38818), (283, 38791), (298, 38746), (299, 38743), (302, 38728), (324, 38647), (339, 38572),

Gene: Gompeii16_68 Start: 45590, Stop: 44778, Start Num: 95
Candidate Starts for Gompeii16_68:
(55, 45647), (Start: 95 @45590 has 6 MA's), (Start: 130 @45521 has 19 MA's), (Start: 146 @45440 has 1 MA's), (152, 45425), (161, 45389), (166, 45365), (196, 45230), (245, 45134), (273, 45071), (283,

45017), (286, 45002), (300, 44966), (302, 44957), (324, 44876), (338, 44810), (339, 44804), (342, 44786),

Gene: Goose_69 Start: 42764, Stop: 41940, Start Num: 86
Candidate Starts for Goose_69:
(25, 42923), (Start: 86 @42764 has 16 MA's), (Start: 123 @42704 has 7 MA's), (Start: 138 @42641 has 1 MA's), (Start: 158 @42557 has 1 MA's), (164, 42542), (166, 42533), (260, 42263), (261, 42260), (268, 42245), (283, 42185), (304, 42122), (320, 42062), (331, 42005), (342, 41948),

Gene: Goose1D_63 Start: 39780, Stop: 38986, Start Num: 108
Candidate Starts for Goose1D_63:
(46, 39852), (Start: 108 @39780 has 55 MA's), (253, 39336), (254, 39333), (260, 39312), (283, 39228), (304, 39168), (338, 39018), (342, 38994),

Gene: Goose1X_69 Start: 42922, Stop: 42128, Start Num: 108
Candidate Starts for Goose1X_69:
(46, 42994), (Start: 108 @42922 has 55 MA's), (253, 42478), (254, 42475), (260, 42454), (283, 42370), (304, 42310), (338, 42160), (342, 42136),

Gene: Graduation_75 Start: 45662, Stop: 44838, Start Num: 77
Candidate Starts for Graduation_75:
(Start: 77 @45662 has 47 MA's), (Start: 98 @45644 has 245 MA's), (133, 45560), (Start: 138 @45542 has 1 MA's), (Start: 146 @45491 has 1 MA's), (152, 45476), (196, 45290), (212, 45245), (260, 45155), (262, 45149), (271, 45134), (274, 45128), (283, 45077), (286, 45062), (300, 45026), (302, 45017), (324, 44936), (338, 44870), (339, 44864), (342, 44846),

Gene: Gratitude_73 Start: 44225, Stop: 43410, Start Num: 98
Candidate Starts for Gratitude_73:
(Start: 98 @44225 has 245 MA's), (Start: 130 @44156 has 19 MA's), (Start: 138 @44126 has 1 MA's), (155, 44051), (161, 44033), (262, 43736), (302, 43601), (338, 43439),

Gene: GrecoEtereo_70 Start: 44027, Stop: 43293, Start Num: 130
Candidate Starts for GrecoEtereo_70:
(63, 44141), (64, 44138), (67, 44135), (Start: 130 @44027 has 19 MA's), (Start: 146 @43946 has 1 MA's), (152, 43931), (196, 43745), (212, 43700), (260, 43610), (262, 43604), (274, 43583), (283, 43532), (286, 43517), (300, 43481), (302, 43472), (324, 43391), (338, 43325), (339, 43319), (342, 43301),

Gene: GreedyLawyer_71 Start: 43196, Stop: 42369, Start Num: 98
Candidate Starts for GreedyLawyer_71:
(Start: 98 @43196 has 245 MA's), (121, 43166), (Start: 130 @43124 has 19 MA's), (Start: 138 @43094 has 1 MA's), (Start: 146 @43043 has 1 MA's), (159, 43007), (166, 42977), (175, 42941), (192, 42857), (245, 42749), (261, 42695), (262, 42692), (283, 42620), (287, 42599), (288, 42596), (302, 42560), (338, 42398),

Gene: Greg_71 Start: 44540, Stop: 43722, Start Num: 84
Candidate Starts for Greg_71:
(52, 44603), (Start: 84 @44540 has 45 MA's), (Start: 98 @44528 has 245 MA's), (133, 44444), (Start: 138 @44426 has 1 MA's), (Start: 146 @44375 has 1 MA's), (152, 44360), (196, 44174), (212, 44129), (260, 44039), (262, 44033), (271, 44018), (283, 43961), (286, 43946), (300, 43910), (302, 43901), (324, 43820), (338, 43754), (339, 43748), (342, 43730),

Gene: Gremlin23_63 Start: 33704, Stop: 32811, Start Num: 71

Candidate Starts for Gremlin23_63:
(Start: 71 @33704 has 4 MA's), (Start: 74 @33698 has 2 MA's), (93, 33671), (Start: 117 @33638 has 14 MA's), (Start: 122 @33623 has 2 MA's), (169, 33413), (196, 33287), (239, 33188), (257, 33143), (277, 33068), (282, 33044), (283, 33041), (324, 32897),

Gene: Grif_75 Start: 44123, Stop: 43308, Start Num: 110
Candidate Starts for Grif_75:
(24, 44303), (Start: 110 @44123 has 232 MA's), (Start: 123 @44096 has 7 MA's), (Start: 158 @43940 has 1 MA's), (166, 43916), (173, 43889), (178, 43871), (253, 43670), (260, 43646), (271, 43622), (302, 43502), (307, 43484), (314, 43454), (338, 43340), (342, 43316),

Gene: GroundGoblin_65 Start: 43491, Stop: 42673, Start Num: 84
Candidate Starts for GroundGoblin_65:
(Start: 72 @43509 has 2 MA's), (Start: 84 @43491 has 45 MA's), (Start: 98 @43479 has 245 MA's), (133, 43395), (Start: 138 @43377 has 1 MA's), (Start: 146 @43326 has 1 MA's), (152, 43311), (196, 43125), (212, 43080), (260, 42990), (262, 42984), (271, 42969), (273, 42966), (274, 42963), (283, 42912), (300, 42861), (302, 42852), (324, 42771), (338, 42705), (339, 42699), (342, 42681),

Gene: Groundhog_80 Start: 45081, Stop: 44278, Start Num: 90
Candidate Starts for Groundhog_80:
(Start: 90 @45081 has 50 MA's), (Start: 130 @45018 has 19 MA's), (147, 44934), (156, 44907), (175, 44847), (196, 44748), (241, 44667), (247, 44649), (262, 44607), (270, 44589), (272, 44586), (287, 44514), (288, 44511), (302, 44472), (320, 44400), (324, 44379), (342, 44286),

Gene: Groupthink_77 Start: 43866, Stop: 43051, Start Num: 110
Candidate Starts for Groupthink_77:
(24, 44043), (Start: 110 @43866 has 232 MA's), (Start: 138 @43776 has 1 MA's), (Start: 158 @43683 has 1 MA's), (166, 43659), (178, 43614), (253, 43413), (260, 43389), (281, 43314), (302, 43245), (307, 43227), (338, 43083), (342, 43059),

Gene: Grub_75 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for Grub_75:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: Grum1_76 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for Grum1_76:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Gruunaga_75 Start: 43252, Stop: 42431, Start Num: 98
Candidate Starts for Gruunaga_75:
(22, 43465), (Start: 98 @43252 has 245 MA's), (Start: 130 @43189 has 19 MA's), (Start: 138 @43159 has 1 MA's), (159, 43072), (161, 43066), (166, 43042), (245, 42814), (283, 42685), (287, 42664), (288, 42661), (291, 42652), (302, 42625), (338, 42463),

Gene: GtownJaz_77 Start: 44050, Stop: 43235, Start Num: 110
Candidate Starts for GtownJaz_77:
(24, 44230), (Start: 110 @44050 has 232 MA's), (Start: 123 @44023 has 7 MA's), (Start: 158 @43867 has 1 MA's), (166, 43843), (173, 43816), (178, 43798), (253, 43597), (260, 43573), (271, 43549), (302, 43429), (307, 43411), (314, 43381), (338, 43267), (342, 43243),

Gene: GurgleFerb_42 Start: 36941, Stop: 36105, Start Num: 124
Candidate Starts for GurgleFerb_42:
(Start: 124 @36941 has 6 MA's), (129, 36920), (163, 36761), (173, 36722), (174, 36716), (177, 36704), (189, 36653), (192, 36632), (199, 36605), (241, 36527), (290, 36353), (302, 36317), (335, 36170),

Gene: Gwendoluna_74 Start: 46147, Stop: 45317, Start Num: 85
Candidate Starts for Gwendoluna_74:
(Start: 41 @46231 has 1 MA's), (Start: 85 @46147 has 6 MA's), (Start: 98 @46135 has 245 MA's), (Start: 124 @46084 has 6 MA's), (Start: 130 @46060 has 19 MA's), (Start: 146 @45979 has 1 MA's), (152, 45964), (161, 45928), (166, 45904), (190, 45802), (196, 45769), (245, 45673), (273, 45610), (283, 45556), (302, 45496), (324, 45415), (338, 45349), (339, 45343), (342, 45325),

Gene: Gwennie_77 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for Gwennie_77:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: Gyzlar_64 Start: 41854, Stop: 41036, Start Num: 84
Candidate Starts for Gyzlar_64:
(Start: 75 @41863 has 2 MA's), (Start: 84 @41854 has 45 MA's), (Start: 98 @41842 has 245 MA's), (Start: 138 @41740 has 1 MA's), (Start: 146 @41689 has 1 MA's), (152, 41674), (196, 41488), (212, 41443), (260, 41353), (262, 41347), (271, 41332), (274, 41326), (283, 41275), (286, 41260), (300, 41224), (302, 41215), (324, 41134), (338, 41068), (339, 41062), (342, 41044),

Gene: HINdeR_68 Start: 46021, Stop: 45206, Start Num: 78
Candidate Starts for HINdeR_68:
(Start: 78 @46021 has 1 MA's), (Start: 158 @45835 has 1 MA's), (164, 45820), (168, 45805), (191, 45697), (254, 45562), (262, 45535), (266, 45514), (274, 45499), (289, 45424), (304, 45388), (320, 45328),

Gene: HamSlice_64 Start: 43156, Stop: 42365, Start Num: 110
Candidate Starts for HamSlice_64:
(Start: 110 @43156 has 232 MA's), (Start: 123 @43129 has 7 MA's), (Start: 158 @42982 has 1 MA's), (166, 42958), (211, 42781), (252, 42715), (260, 42688), (271, 42667), (283, 42610), (284, 42601), (304, 42547), (338, 42397),

Gene: Hami1_63 Start: 39492, Stop: 38674, Start Num: 82
Candidate Starts for Hami1_63:
(Start: 69 @39510 has 6 MA's), (Start: 74 @39501 has 2 MA's), (Start: 82 @39492 has 8 MA's), (Start: 98 @39480 has 245 MA's), (133, 39396), (Start: 138 @39378 has 1 MA's), (Start: 146 @39327 has 1 MA's), (152, 39312), (196, 39126), (212, 39081), (260, 38991), (262, 38985), (271, 38970), (274, 38964), (283, 38913), (286, 38898), (300, 38862), (302, 38853), (324, 38772), (338, 38706), (339, 38700), (342, 38682),

Gene: Hammer_76 Start: 42959, Stop: 42138, Start Num: 98
Candidate Starts for Hammer_76:
(22, 43172), (Start: 98 @42959 has 245 MA's), (Start: 130 @42896 has 19 MA's), (Start: 138 @42866 has 1 MA's), (159, 42779), (161, 42773), (166, 42749), (245, 42521), (283, 42392), (287, 42371), (288, 42368), (291, 42359), (302, 42332), (338, 42170),

Gene: HanShotFirst_70 Start: 45581, Stop: 44757, Start Num: 77

Candidate Starts for HanShotFirst_70:
(Start: 77 @45581 has 47 MA's), (Start: 98 @45563 has 245 MA's), (133, 45479), (Start: 138 @45461 has 1 MA's), (144, 45419), (Start: 146 @45410 has 1 MA's), (152, 45395), (196, 45209), (212, 45164), (260, 45074), (262, 45068), (271, 45053), (274, 45047), (283, 44996), (286, 44981), (300, 44945), (302, 44936), (324, 44855), (338, 44789), (339, 44783), (342, 44765),

Gene: Hanray_75 Start: 43796, Stop: 42954, Start Num: 98
Candidate Starts for Hanray_75:
(Start: 98 @43796 has 245 MA's), (Start: 103 @43790 has 2 MA's), (Start: 130 @43727 has 19 MA's), (Start: 138 @43697 has 1 MA's), (151, 43634), (206, 43418), (260, 43286), (261, 43283), (262, 43280), (285, 43193), (302, 43145), (338, 42983),

Gene: Happiness_67 Start: 43180, Stop: 42389, Start Num: 110
Candidate Starts for Happiness_67:
(44, 43255), (Start: 110 @43180 has 232 MA's), (Start: 123 @43153 has 7 MA's), (Start: 158 @43006 has 1 MA's), (166, 42982), (211, 42805), (252, 42739), (260, 42712), (271, 42691), (283, 42634), (284, 42625), (304, 42571), (338, 42421),

Gene: Harlequin_55 Start: 39129, Stop: 38320, Start Num: 115
Candidate Starts for Harlequin_55:
(Start: 115 @39129 has 35 MA's), (119, 39117), (128, 39081), (140, 39015), (Start: 142 @39009 has 1 MA's), (Start: 158 @38955 has 1 MA's), (164, 38940), (190, 38829), (192, 38811), (265, 38646), (278, 38604), (283, 38577), (298, 38532), (299, 38529), (302, 38514), (338, 38364), (339, 38358),

Gene: HarryHoudini_74 Start: 44395, Stop: 43580, Start Num: 98
Candidate Starts for HarryHoudini_74:
(Start: 98 @44395 has 245 MA's), (Start: 130 @44326 has 19 MA's), (Start: 138 @44296 has 1 MA's), (155, 44221), (161, 44203), (261, 43909), (262, 43906), (302, 43771), (338, 43609),

Gene: HarryOW_68 Start: 44600, Stop: 43800, Start Num: 109
Candidate Starts for HarryOW_68:
(Start: 109 @44600 has 19 MA's), (133, 44522), (Start: 138 @44504 has 1 MA's), (Start: 146 @44453 has 1 MA's), (152, 44438), (196, 44252), (212, 44207), (260, 44117), (262, 44111), (274, 44090), (283, 44039), (286, 44024), (300, 43988), (302, 43979), (324, 43898), (338, 43832), (339, 43826), (342, 43808),

Gene: HashRod_78 Start: 44077, Stop: 43262, Start Num: 110
Candidate Starts for HashRod_78:
(24, 44257), (Start: 110 @44077 has 232 MA's), (Start: 123 @44050 has 7 MA's), (Start: 158 @43894 has 1 MA's), (166, 43870), (173, 43843), (178, 43825), (253, 43624), (260, 43600), (271, 43576), (302, 43456), (307, 43438), (314, 43408), (338, 43294), (342, 43270),

Gene: HaugeAnator_66 Start: 34368, Stop: 33547, Start Num: 117
Candidate Starts for HaugeAnator_66:
(Start: 117 @34368 has 14 MA's), (Start: 122 @34353 has 2 MA's), (147, 34230), (159, 34185), (162, 34173), (165, 34158), (171, 34137), (194, 34026), (201, 33996), (239, 33918), (282, 33786), (294, 33744), (299, 33735), (312, 33687), (324, 33633),

Gene: HaveUMetTed_77 Start: 43851, Stop: 43036, Start Num: 110
Candidate Starts for HaveUMetTed_77:
(Start: 110 @43851 has 232 MA's), (147, 43707), (Start: 158 @43668 has 1 MA's), (173, 43617), (178, 43599), (253, 43398), (260, 43374), (281, 43299), (302, 43230), (307, 43212), (338, 43068), (342, 43044),

Gene: Heathen_71 Start: 43388, Stop: 42594, Start Num: 108
Candidate Starts for Heathen_71:
(Start: 108 @43388 has 55 MA's), (260, 42920), (283, 42836), (304, 42776), (338, 42626), (342, 42602),

Gene: Heffalump_71 Start: 44773, Stop: 43955, Start Num: 98
Candidate Starts for Heffalump_71:
(Start: 98 @44773 has 245 MA's), (Start: 130 @44701 has 19 MA's), (Start: 138 @44671 has 1 MA's), (161, 44578), (256, 44308), (260, 44287), (286, 44194), (287, 44188), (302, 44146), (309, 44116), (331, 44017), (338, 43984),

Gene: HelDan_71 Start: 43604, Stop: 42810, Start Num: 108
Candidate Starts for HelDan_71:
(Start: 108 @43604 has 55 MA's), (260, 43136), (283, 43052), (304, 42992), (338, 42842), (342, 42818),

Gene: Heliosoles_74 Start: 43869, Stop: 43054, Start Num: 110
Candidate Starts for Heliosoles_74:
(24, 44046), (Start: 110 @43869 has 232 MA's), (Start: 138 @43779 has 1 MA's), (Start: 158 @43686 has 1 MA's), (166, 43662), (178, 43617), (253, 43416), (260, 43392), (281, 43317), (302, 43248), (307, 43230), (338, 43086), (342, 43062),

Gene: Helmet_78 Start: 43394, Stop: 42573, Start Num: 98
Candidate Starts for Helmet_78:
(22, 43607), (Start: 98 @43394 has 245 MA's), (Start: 130 @43331 has 19 MA's), (Start: 138 @43301 has 1 MA's), (159, 43214), (161, 43208), (166, 43184), (245, 42956), (283, 42827), (287, 42806), (288, 42803), (291, 42794), (302, 42767), (338, 42605),

Gene: Herbertwm_70 Start: 44082, Stop: 43123, Start Num: 112
Candidate Starts for Herbertwm_70:
(Start: 69 @44142 has 6 MA's), (Start: 112 @44082 has 1 MA's), (Start: 124 @44043 has 6 MA's), (Start: 130 @44019 has 19 MA's), (Start: 138 @43989 has 1 MA's), (156, 43911), (161, 43896), (175, 43836), (199, 43725), (214, 43689), (251, 43503), (262, 43449), (271, 43434), (287, 43356), (288, 43353), (302, 43314), (338, 43152),

Gene: Hercules11_77 Start: 44058, Stop: 43243, Start Num: 110
Candidate Starts for Hercules11_77:
(24, 44238), (Start: 110 @44058 has 232 MA's), (Start: 123 @44031 has 7 MA's), (Start: 158 @43875 has 1 MA's), (166, 43851), (173, 43824), (178, 43806), (253, 43605), (260, 43581), (271, 43557), (302, 43437), (307, 43419), (314, 43389), (338, 43275), (342, 43251),

Gene: Hermia_66 Start: 43541, Stop: 42723, Start Num: 84
Candidate Starts for Hermia_66:
(Start: 72 @43559 has 2 MA's), (Start: 84 @43541 has 45 MA's), (Start: 98 @43529 has 245 MA's), (133, 43445), (Start: 138 @43427 has 1 MA's), (Start: 146 @43376 has 1 MA's), (152, 43361), (196, 43175), (212, 43130), (260, 43040), (262, 43034), (271, 43019), (273, 43016), (274, 43013), (283, 42962), (300, 42911), (302, 42902), (324, 42821), (338, 42755), (339, 42749), (342, 42731),

Gene: HermioneGrange_71 Start: 45028, Stop: 44228, Start Num: 109
Candidate Starts for HermioneGrange_71:
(Start: 109 @45028 has 19 MA's), (133, 44950), (Start: 138 @44932 has 1 MA's), (Start: 146 @44881 has 1 MA's), (152, 44866), (196, 44680), (212, 44635), (260, 44545), (262, 44539), (271, 44524), (274,

44518), (283, 44467), (286, 44452), (300, 44416), (302, 44407), (324, 44326), (338, 44260), (339, 44254), (342, 44236),

Gene: Hexamo_75 Start: 42928, Stop: 42107, Start Num: 98
Candidate Starts for Hexamo_75:
(22, 43141), (Start: 98 @42928 has 245 MA's), (Start: 130 @42865 has 19 MA's), (Start: 138 @42835 has 1 MA's), (159, 42748), (161, 42742), (166, 42718), (283, 42361), (287, 42340), (288, 42337), (291, 42328), (302, 42301), (338, 42139),

Gene: HippoHollow_72 Start: 45483, Stop: 44581, Start Num: 98
Candidate Starts for HippoHollow_72:
(Start: 98 @45483 has 245 MA's), (Start: 130 @45411 has 19 MA's), (Start: 138 @45381 has 1 MA's), (161, 45288), (220, 45066), (231, 45033), (233, 45024), (256, 44934), (283, 44835), (302, 44772),

Gene: Hiro_56 Start: 39605, Stop: 38796, Start Num: 115
Candidate Starts for Hiro_56:
(Start: 115 @39605 has 35 MA's), (119, 39593), (128, 39557), (140, 39491), (Start: 142 @39485 has 1 MA's), (Start: 158 @39431 has 1 MA's), (164, 39416), (166, 39407), (190, 39305), (278, 39080), (283, 39053), (298, 39008), (299, 39005), (302, 38990), (324, 38909), (338, 38840),

Gene: Holex_75 Start: 43812, Stop: 42970, Start Num: 98
Candidate Starts for Holex_75:
(Start: 98 @43812 has 245 MA's), (Start: 103 @43806 has 2 MA's), (Start: 130 @43743 has 19 MA's), (Start: 138 @43713 has 1 MA's), (151, 43650), (206, 43434), (260, 43302), (261, 43299), (262, 43296), (285, 43209), (302, 43161), (338, 42999),

Gene: Holli_67 Start: 42948, Stop: 42157, Start Num: 110
Candidate Starts for Holli_67:
(Start: 110 @42948 has 232 MA's), (Start: 123 @42921 has 7 MA's), (Start: 158 @42774 has 1 MA's), (166, 42750), (211, 42573), (252, 42507), (260, 42480), (271, 42459), (283, 42402), (284, 42393), (304, 42339), (338, 42189),

Gene: Homines_60 Start: 39871, Stop: 39053, Start Num: 84
Candidate Starts for Homines_60:
(Start: 72 @39889 has 2 MA's), (Start: 84 @39871 has 45 MA's), (Start: 98 @39859 has 245 MA's), (Start: 146 @39706 has 1 MA's), (152, 39691), (196, 39505), (212, 39460), (260, 39370), (262, 39364), (271, 39349), (283, 39292), (300, 39241), (302, 39232), (324, 39151), (338, 39085), (339, 39079), (342, 39061),

Gene: Hookmount_71 Start: 43639, Stop: 42845, Start Num: 108
Candidate Starts for Hookmount_71:
(Start: 108 @43639 has 55 MA's), (Start: 158 @43465 has 1 MA's), (253, 43195), (260, 43171), (304, 43027), (320, 42967), (338, 42877), (342, 42853),

Gene: Hoot_71 Start: 41081, Stop: 40254, Start Num: 98
Candidate Starts for Hoot_71:
(Start: 98 @41081 has 245 MA's), (121, 41051), (Start: 130 @41009 has 19 MA's), (Start: 138 @40979 has 1 MA's), (Start: 146 @40928 has 1 MA's), (159, 40892), (166, 40862), (175, 40826), (192, 40742), (245, 40634), (261, 40580), (262, 40577), (283, 40505), (287, 40484), (288, 40481), (302, 40445), (338, 40283),

Gene: Hope4ever_72 Start: 45094, Stop: 44276, Start Num: 82
Candidate Starts for Hope4ever_72:

(Start: 69 @45112 has 6 MA's), (Start: 74 @45103 has 2 MA's), (Start: 82 @45094 has 8 MA's), (Start: 98 @45082 has 245 MA's), (133, 44998), (Start: 138 @44980 has 1 MA's), (Start: 146 @44929 has 1 MA's), (152, 44914), (196, 44728), (212, 44683), (260, 44593), (262, 44587), (271, 44572), (283, 44515), (286, 44500), (300, 44464), (302, 44455), (324, 44374), (338, 44308), (339, 44302), (342, 44284),

Gene: HortumSL17_76 Start: 43796, Stop: 42954, Start Num: 98
Candidate Starts for HortumSL17_76:
(Start: 98 @43796 has 245 MA's), (Start: 103 @43790 has 2 MA's), (Start: 130 @43727 has 19 MA's), (Start: 138 @43697 has 1 MA's), (151, 43634), (206, 43418), (260, 43286), (261, 43283), (262, 43280), (285, 43193), (302, 43145), (338, 42983),

Gene: Houdini22_67 Start: 43162, Stop: 42371, Start Num: 110
Candidate Starts for Houdini22_67:
(21, 43375), (Start: 110 @43162 has 232 MA's), (Start: 123 @43135 has 7 MA's), (Start: 158 @42988 has 1 MA's), (166, 42964), (211, 42787), (252, 42721), (260, 42694), (271, 42673), (283, 42616), (284, 42607), (304, 42553), (338, 42403),

Gene: HuhtaEnerson15_65 Start: 42562, Stop: 41750, Start Num: 90
Candidate Starts for HuhtaEnerson15_65:
(Start: 90 @42562 has 50 MA's), (149, 42409), (Start: 158 @42388 has 1 MA's), (175, 42328), (182, 42307), (263, 42085), (283, 41992), (288, 41968), (296, 41950), (314, 41896), (320, 41872), (321, 41863), (342, 41758),

Gene: Hutc2_71 Start: 42798, Stop: 41983, Start Num: 98
Candidate Starts for Hutc2_71:
(Start: 98 @42798 has 245 MA's), (139, 42693), (Start: 146 @42648 has 1 MA's), (161, 42606), (165, 42588), (173, 42555), (175, 42546), (190, 42480), (262, 42309), (283, 42237), (287, 42216), (302, 42177), (338, 42015),

Gene: Huxley_67 Start: 43222, Stop: 42431, Start Num: 110
Candidate Starts for Huxley_67:
(21, 43435), (Start: 110 @43222 has 232 MA's), (Start: 123 @43195 has 7 MA's), (Start: 158 @43048 has 1 MA's), (166, 43024), (211, 42847), (252, 42781), (260, 42754), (271, 42733), (283, 42676), (284, 42667), (304, 42613), (338, 42463),

Gene: ICleared_67 Start: 43226, Stop: 42435, Start Num: 110
Candidate Starts for ICleared_67:
(Start: 110 @43226 has 232 MA's), (Start: 123 @43199 has 7 MA's), (Start: 158 @43052 has 1 MA's), (211, 42851), (252, 42785), (260, 42758), (271, 42737), (283, 42680), (284, 42671), (304, 42617), (338, 42467),

Gene: ILeeKay_70 Start: 43616, Stop: 42792, Start Num: 77
Candidate Starts for ILeeKay_70:
(60, 43649), (Start: 77 @43616 has 47 MA's), (Start: 98 @43598 has 245 MA's), (133, 43514), (Start: 138 @43496 has 1 MA's), (Start: 146 @43445 has 1 MA's), (152, 43430), (196, 43244), (212, 43199), (260, 43109), (262, 43103), (271, 43088), (274, 43082), (283, 43031), (286, 43016), (300, 42980), (302, 42971), (324, 42890), (338, 42824), (339, 42818), (342, 42800),

Gene: Ibantik_53 Start: 23276, Stop: 22473, Start Num: 110
Candidate Starts for Ibantik_53:
(62, 23351), (Start: 74 @23327 has 2 MA's), (Start: 110 @23276 has 232 MA's), (Start: 123 @23243 has 7 MA's), (Start: 138 @23177 has 1 MA's), (164, 23078), (172, 23045), (176, 23030), (183, 23000),

(205, 22910), (210, 22895), (214, 22883), (244, 22835), (247, 22829), (254, 22820), (281, 22721), (284, 22706), (313, 22625), (317, 22610), (324, 22574), (328, 22562), (338, 22508),

Gene: Iceman_67 Start: 43447, Stop: 42656, Start Num: 110
Candidate Starts for Iceman_67:
(21, 43660), (Start: 110 @43447 has 232 MA's), (Start: 123 @43420 has 7 MA's), (Start: 158 @43273 has 1 MA's), (166, 43249), (211, 43072), (252, 43006), (260, 42979), (271, 42958), (283, 42901), (284, 42892), (304, 42838), (338, 42688),

Gene: Ichabod_73 Start: 45056, Stop: 44322, Start Num: 130
Candidate Starts for Ichabod_73:
(63, 45170), (64, 45167), (67, 45164), (Start: 130 @45056 has 19 MA's), (Start: 146 @44975 has 1 MA's), (152, 44960), (196, 44774), (212, 44729), (260, 44639), (262, 44633), (271, 44618), (274, 44612), (283, 44561), (286, 44546), (300, 44510), (302, 44501), (324, 44420), (338, 44354), (339, 44348), (342, 44330),

Gene: Idleandcovert_72 Start: 43681, Stop: 42887, Start Num: 108
Candidate Starts for Idleandcovert_72:
(Start: 108 @43681 has 55 MA's), (159, 43501), (253, 43237), (286, 43114), (304, 43069), (338, 42919), (342, 42895),

Gene: IgnatiusPatJac_69 Start: 43628, Stop: 42894, Start Num: 130
Candidate Starts for IgnatiusPatJac_69:
(63, 43742), (64, 43739), (67, 43736), (Start: 130 @43628 has 19 MA's), (Start: 146 @43547 has 1 MA's), (152, 43532), (196, 43346), (212, 43301), (260, 43211), (262, 43205), (271, 43190), (274, 43184), (283, 43133), (286, 43118), (300, 43082), (302, 43073), (324, 42992), (338, 42926), (339, 42920), (342, 42902),

Gene: Imbriano_77 Start: 44068, Stop: 43241, Start Num: 98
Candidate Starts for Imbriano_77:
(Start: 98 @44068 has 245 MA's), (121, 44038), (Start: 130 @43996 has 19 MA's), (Start: 138 @43966 has 1 MA's), (Start: 146 @43915 has 1 MA's), (159, 43879), (166, 43849), (175, 43813), (192, 43729), (245, 43621), (261, 43567), (262, 43564), (283, 43492), (287, 43471), (288, 43468), (302, 43432), (338, 43270),

Gene: Immanuel3_65 Start: 34356, Stop: 33550, Start Num: 122
Candidate Starts for Immanuel3_65:
(Start: 117 @34371 has 14 MA's), (Start: 122 @34356 has 2 MA's), (147, 34233), (159, 34188), (162, 34176), (165, 34161), (171, 34140), (194, 34029), (201, 33999), (239, 33921), (282, 33789), (294, 33747), (299, 33738), (312, 33690), (324, 33636),

Gene: Indra_79 Start: 43395, Stop: 42574, Start Num: 98
Candidate Starts for Indra_79:
(22, 43608), (Start: 98 @43395 has 245 MA's), (Start: 130 @43332 has 19 MA's), (Start: 138 @43302 has 1 MA's), (159, 43215), (161, 43209), (166, 43185), (245, 42957), (283, 42828), (287, 42807), (288, 42804), (291, 42795), (302, 42768), (338, 42606),

Gene: Insomnia_75 Start: 44090, Stop: 43275, Start Num: 98
Candidate Starts for Insomnia_75:
(Start: 98 @44090 has 245 MA's), (139, 43985), (Start: 146 @43940 has 1 MA's), (161, 43898), (165, 43880), (173, 43847), (175, 43838), (190, 43772), (262, 43601), (283, 43529), (287, 43508), (302, 43469), (338, 43307),

Gene: Inyanga_64 Start: 43810, Stop: 42986, Start Num: 77
Candidate Starts for Inyanga_64:
(60, 43843), (Start: 77 @43810 has 47 MA's), (Start: 98 @43792 has 245 MA's), (Start: 130 @43720 has 19 MA's), (Start: 146 @43639 has 1 MA's), (152, 43624), (196, 43438), (212, 43393), (260, 43303), (262, 43297), (271, 43282), (274, 43276), (283, 43225), (286, 43210), (300, 43174), (302, 43165), (324, 43084), (338, 43018), (339, 43012), (342, 42994),

Gene: Iqorha_64 Start: 43809, Stop: 42985, Start Num: 77
Candidate Starts for Iqorha_64:
(60, 43842), (Start: 77 @43809 has 47 MA's), (Start: 98 @43791 has 245 MA's), (Start: 130 @43719 has 19 MA's), (Start: 146 @43638 has 1 MA's), (152, 43623), (196, 43437), (212, 43392), (260, 43302), (262, 43296), (271, 43281), (274, 43275), (283, 43224), (286, 43209), (300, 43173), (302, 43164), (324, 43083), (338, 43017), (339, 43011), (342, 42993),

Gene: Iracema64_68 Start: 43425, Stop: 42634, Start Num: 110
Candidate Starts for Iracema64_68:
(Start: 110 @43425 has 232 MA's), (Start: 123 @43398 has 7 MA's), (Start: 158 @43251 has 1 MA's), (166, 43227), (211, 43050), (252, 42984), (260, 42957), (271, 42936), (283, 42879), (284, 42870), (304, 42816), (338, 42666),

Gene: IronMan_71 Start: 45521, Stop: 44709, Start Num: 97
Candidate Starts for IronMan_71:
(56, 45584), (Start: 97 @45521 has 5 MA's), (Start: 104 @45515 has 2 MA's), (Start: 123 @45485 has 7 MA's), (Start: 130 @45452 has 19 MA's), (Start: 138 @45422 has 1 MA's), (161, 45329), (262, 45032), (302, 44900), (338, 44738),

Gene: Isca_69 Start: 43159, Stop: 42362, Start Num: 108
Candidate Starts for Isca_69:
(46, 43231), (Start: 108 @43159 has 55 MA's), (133, 43084), (260, 42688), (283, 42604), (304, 42544), (338, 42394), (342, 42370),

Gene: Isiphiwo_73 Start: 43247, Stop: 42420, Start Num: 98
Candidate Starts for Isiphiwo_73:
(Start: 98 @43247 has 245 MA's), (121, 43217), (Start: 130 @43175 has 19 MA's), (Start: 138 @43145 has 1 MA's), (Start: 146 @43094 has 1 MA's), (159, 43058), (166, 43028), (175, 42992), (192, 42908), (245, 42800), (261, 42746), (262, 42743), (283, 42671), (287, 42650), (288, 42647), (302, 42611), (338, 42449),

Gene: Iwokeuplikedis_75 Start: 44845, Stop: 43922, Start Num: 98
Candidate Starts for Iwokeuplikedis_75:
(4, 45181), (9, 45154), (10, 45151), (Start: 98 @44845 has 245 MA's), (Start: 130 @44773 has 19 MA's), (Start: 138 @44743 has 1 MA's), (155, 44668), (161, 44650), (232, 44389), (235, 44371), (302, 44113), (314, 44065), (338, 43951),

Gene: JC27_73 Start: 44892, Stop: 44068, Start Num: 77
Candidate Starts for JC27_73:
(60, 44925), (Start: 77 @44892 has 47 MA's), (Start: 98 @44874 has 245 MA's), (133, 44790), (Start: 138 @44772 has 1 MA's), (Start: 146 @44721 has 1 MA's), (152, 44706), (198, 44511), (212, 44475), (259, 44388), (260, 44385), (262, 44379), (271, 44364), (274, 44358), (283, 44307), (286, 44292), (300, 44256), (302, 44247), (324, 44166), (338, 44100), (339, 44094), (342, 44076),

Gene: JF2_69 Start: 41854, Stop: 41057, Start Num: 108
Candidate Starts for JF2_69:

(46, 41926), (Start: 108 @41854 has 55 MA's), (133, 41779), (260, 41383), (283, 41299), (304, 41239), (338, 41089), (342, 41065),

Gene: JF4_69 Start: 41854, Stop: 41057, Start Num: 108
Candidate Starts for JF4_69:
(46, 41926), (Start: 108 @41854 has 55 MA's), (133, 41779), (260, 41383), (283, 41299), (304, 41239), (338, 41089), (342, 41065),

Gene: JHC117_73 Start: 44047, Stop: 43232, Start Num: 110
Candidate Starts for JHC117_73:
(24, 44227), (Start: 110 @44047 has 232 MA's), (Start: 123 @44020 has 7 MA's), (Start: 158 @43864 has 1 MA's), (166, 43840), (173, 43813), (178, 43795), (253, 43594), (260, 43570), (271, 43546), (302, 43426), (307, 43408), (314, 43378), (338, 43264), (342, 43240),

Gene: JPandJE_66 Start: 34887, Stop: 34066, Start Num: 117
Candidate Starts for JPandJE_66:
(Start: 117 @34887 has 14 MA's), (Start: 122 @34872 has 2 MA's), (147, 34749), (159, 34704), (162, 34692), (165, 34677), (171, 34656), (194, 34545), (201, 34515), (239, 34437), (282, 34305), (294, 34263), (299, 34254), (312, 34206), (324, 34152),

Gene: JSwag_82 Start: 44508, Stop: 43660, Start Num: 98
Candidate Starts for JSwag_82:
(Start: 98 @44508 has 245 MA's), (Start: 103 @44502 has 2 MA's), (Start: 123 @44460 has 7 MA's), (Start: 130 @44427 has 19 MA's), (Start: 138 @44397 has 1 MA's), (161, 44304), (287, 43893), (288, 43890), (302, 43851),

Gene: Jaan_72 Start: 45691, Stop: 44879, Start Num: 97
Candidate Starts for Jaan_72:
(8, 46012), (10, 46006), (13, 45994), (14, 45985), (56, 45754), (Start: 97 @45691 has 5 MA's), (Start: 104 @45685 has 2 MA's), (Start: 123 @45655 has 7 MA's), (Start: 130 @45622 has 19 MA's), (Start: 138 @45592 has 1 MA's), (161, 45499), (262, 45202), (302, 45070), (314, 45022), (338, 44908),

Gene: Jabiru_69 Start: 43137, Stop: 42322, Start Num: 90
Candidate Starts for Jabiru_69:
(42, 43224), (Start: 90 @43137 has 50 MA's), (Start: 138 @43047 has 1 MA's), (Start: 158 @42963 has 1 MA's), (175, 42903), (182, 42882), (194, 42813), (254, 42690), (263, 42660), (269, 42624), (274, 42615), (283, 42564), (284, 42555), (288, 42540), (294, 42525), (314, 42468), (320, 42444), (321, 42435), (338, 42354), (342, 42330),

Gene: Jabith_75 Start: 44107, Stop: 43292, Start Num: 98
Candidate Starts for Jabith_75:
(Start: 98 @44107 has 245 MA's), (139, 44002), (Start: 146 @43957 has 1 MA's), (161, 43915), (165, 43897), (173, 43864), (175, 43855), (190, 43789), (262, 43618), (283, 43546), (287, 43525), (302, 43486), (338, 43324),

Gene: JackSparrow_72 Start: 44260, Stop: 43439, Start Num: 81
Candidate Starts for JackSparrow_72:
(39, 44344), (Start: 81 @44260 has 5 MA's), (Start: 95 @44248 has 6 MA's), (133, 44161), (Start: 138 @44143 has 1 MA's), (Start: 146 @44092 has 1 MA's), (152, 44077), (196, 43891), (212, 43846), (260, 43756), (262, 43750), (271, 43735), (274, 43729), (283, 43678), (286, 43663), (300, 43627), (302, 43618), (324, 43537), (338, 43471), (339, 43465), (342, 43447),

Gene: Jasmine_44 Start: 38561, Stop: 37725, Start Num: 124

Candidate Starts for Jasmine_44:
(Start: 124 @38561 has 6 MA's), (129, 38540), (163, 38381), (173, 38342), (174, 38336), (177, 38324), (189, 38273), (199, 38225), (248, 38126), (285, 37991), (290, 37973), (295, 37964), (301, 37943), (335, 37790),

Gene: Jasper_71 Start: 43469, Stop: 42645, Start Num: 77
Candidate Starts for Jasper_71:
(60, 43502), (Start: 77 @43469 has 47 MA's), (Start: 98 @43451 has 245 MA's), (133, 43367), (Start: 138 @43349 has 1 MA's), (Start: 146 @43298 has 1 MA's), (152, 43283), (196, 43097), (212, 43052), (260, 42962), (262, 42956), (271, 42941), (283, 42884), (286, 42869), (300, 42833), (302, 42824), (324, 42743), (338, 42677), (339, 42671), (342, 42653),

Gene: Jaykayelowell_65 Start: 43151, Stop: 42360, Start Num: 110
Candidate Starts for Jaykayelowell_65:
(21, 43364), (Start: 110 @43151 has 232 MA's), (Start: 123 @43124 has 7 MA's), (Start: 158 @42977 has 1 MA's), (166, 42953), (211, 42776), (252, 42710), (260, 42683), (271, 42662), (283, 42605), (284, 42596), (304, 42542), (338, 42392),

Gene: Jeeves_77 Start: 43678, Stop: 42872, Start Num: 98
Candidate Starts for Jeeves_77:
(Start: 98 @43678 has 245 MA's), (Start: 123 @43648 has 7 MA's), (Start: 130 @43615 has 19 MA's), (Start: 138 @43585 has 1 MA's), (Start: 146 @43534 has 1 MA's), (161, 43492), (214, 43285), (247, 43237), (294, 43084), (302, 43063), (308, 43036), (338, 42901),

Gene: Jeffabunny_76 Start: 43021, Stop: 42200, Start Num: 98
Candidate Starts for Jeffabunny_76:
(22, 43234), (Start: 98 @43021 has 245 MA's), (Start: 130 @42958 has 19 MA's), (Start: 138 @42928 has 1 MA's), (159, 42841), (161, 42835), (166, 42811), (245, 42583), (283, 42454), (287, 42433), (288, 42430), (291, 42421), (302, 42394), (338, 42232),

Gene: JenCasNa_78 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for JenCasNa_78:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: JeppNRM_77 Start: 43867, Stop: 43052, Start Num: 110
Candidate Starts for JeppNRM_77:
(Start: 110 @43867 has 232 MA's), (Start: 138 @43777 has 1 MA's), (Start: 158 @43684 has 1 MA's), (166, 43660), (178, 43615), (253, 43414), (260, 43390), (281, 43315), (302, 43246), (307, 43228), (338, 43084), (342, 43060),

Gene: Jerm_75 Start: 44782, Stop: 43883, Start Num: 98
Candidate Starts for Jerm_75:
(Start: 98 @44782 has 245 MA's), (Start: 112 @44770 has 1 MA's), (Start: 130 @44713 has 19 MA's), (Start: 138 @44683 has 1 MA's), (161, 44590), (175, 44530), (214, 44383), (220, 44368), (231, 44335), (233, 44326), (260, 44215), (287, 44116), (302, 44074), (338, 43912),

Gene: Jerm2_70 Start: 45098, Stop: 44298, Start Num: 109
Candidate Starts for Jerm2_70:
(Start: 109 @45098 has 19 MA's), (133, 45020), (Start: 138 @45002 has 1 MA's), (Start: 146 @44951 has 1 MA's), (152, 44936), (196, 44750), (212, 44705), (260, 44615), (262, 44609), (271, 44594), (274, 44588), (283, 44537), (286, 44522), (300, 44486), (302, 44477), (324, 44396), (338, 44330), (339,

44324), (342, 44306),

Gene: Jester_55 Start: 39060, Stop: 38251, Start Num: 115
Candidate Starts for Jester_55:
(Start: 115 @39060 has 35 MA's), (119, 39048), (128, 39012), (140, 38946), (Start: 142 @38940 has 1 MA's), (Start: 158 @38886 has 1 MA's), (164, 38871), (190, 38760), (192, 38742), (265, 38577), (278, 38535), (283, 38508), (298, 38463), (299, 38460), (302, 38445), (338, 38295), (339, 38289),

Gene: JetBlade_68 Start: 43188, Stop: 42397, Start Num: 110
Candidate Starts for JetBlade_68:
(44, 43263), (Start: 110 @43188 has 232 MA's), (Start: 123 @43161 has 7 MA's), (Start: 158 @43014 has 1 MA's), (166, 42990), (211, 42813), (252, 42747), (260, 42720), (271, 42699), (283, 42642), (284, 42633), (304, 42579), (338, 42429),

Gene: JewelBug_75 Start: 43968, Stop: 43141, Start Num: 98
Candidate Starts for JewelBug_75:
(Start: 98 @43968 has 245 MA's), (121, 43938), (Start: 130 @43896 has 19 MA's), (Start: 138 @43866 has 1 MA's), (Start: 146 @43815 has 1 MA's), (159, 43779), (166, 43749), (175, 43713), (192, 43629), (245, 43521), (261, 43467), (262, 43464), (283, 43392), (287, 43371), (288, 43368), (302, 43332), (338, 43170),

Gene: Jiawan_75 Start: 43828, Stop: 42986, Start Num: 98
Candidate Starts for Jiawan_75:
(Start: 98 @43828 has 245 MA's), (Start: 103 @43822 has 2 MA's), (Start: 130 @43759 has 19 MA's), (Start: 138 @43729 has 1 MA's), (151, 43666), (206, 43450), (260, 43318), (261, 43315), (262, 43312), (285, 43225), (302, 43177), (338, 43015),

Gene: Jobu08_73 Start: 43880, Stop: 43065, Start Num: 110
Candidate Starts for Jobu08_73:
(24, 44060), (Start: 110 @43880 has 232 MA's), (Start: 123 @43853 has 7 MA's), (147, 43736), (Start: 158 @43697 has 1 MA's), (166, 43673), (173, 43646), (178, 43628), (253, 43427), (260, 43403), (271, 43379), (302, 43259), (307, 43241), (314, 43211), (338, 43097), (342, 43073),

Gene: JoongJeon_67 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for JoongJeon_67:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Jordennis_74 Start: 43462, Stop: 42635, Start Num: 98
Candidate Starts for Jordennis_74:
(Start: 98 @43462 has 245 MA's), (121, 43432), (Start: 130 @43390 has 19 MA's), (Start: 138 @43360 has 1 MA's), (Start: 146 @43309 has 1 MA's), (159, 43273), (166, 43243), (175, 43207), (192, 43123), (245, 43015), (261, 42961), (262, 42958), (283, 42886), (287, 42865), (288, 42862), (302, 42826), (338, 42664),

Gene: Jorgensen_74 Start: 44667, Stop: 43864, Start Num: 100
Candidate Starts for Jorgensen_74:
(58, 44724), (Start: 100 @44667 has 31 MA's), (133, 44586), (Start: 138 @44568 has 1 MA's), (Start: 146 @44517 has 1 MA's), (152, 44502), (196, 44316), (212, 44271), (260, 44181), (262, 44175), (271, 44160), (274, 44154), (283, 44103), (286, 44088), (300, 44052), (302, 44043), (324, 43962), (338, 43896), (339, 43890), (342, 43872),

Gene: Joselito_75 Start: 44127, Stop: 43312, Start Num: 98
Candidate Starts for Joselito_75:
(Start: 98 @44127 has 245 MA's), (139, 44022), (Start: 146 @43977 has 1 MA's), (161, 43935), (165, 43917), (190, 43809), (262, 43638), (283, 43566), (287, 43545), (302, 43506), (338, 43344),

Gene: JoshKayV_74 Start: 44814, Stop: 43909, Start Num: 98
Candidate Starts for JoshKayV_74:
(Start: 98 @44814 has 245 MA's), (Start: 130 @44739 has 19 MA's), (Start: 138 @44709 has 1 MA's), (161, 44616), (175, 44556), (214, 44409), (220, 44394), (233, 44352), (260, 44241), (302, 44100),

Gene: Journey13_63 Start: 40978, Stop: 40169, Start Num: 98
Candidate Starts for Journey13_63:
(Start: 98 @40978 has 245 MA's), (Start: 123 @40948 has 7 MA's), (147, 40831), (161, 40792), (214, 40585), (256, 40522), (283, 40423), (287, 40402), (302, 40360),

Gene: Jovo_68 Start: 43240, Stop: 42425, Start Num: 90
Candidate Starts for Jovo_68:
(Start: 90 @43240 has 50 MA's), (149, 43087), (Start: 158 @43066 has 1 MA's), (175, 43006), (182, 42985), (263, 42763), (283, 42667), (288, 42643), (296, 42625), (314, 42571), (320, 42547), (321, 42538), (338, 42457), (342, 42433),

Gene: Jsquared_77 Start: 43912, Stop: 43043, Start Num: 98
Candidate Starts for Jsquared_77:
(Start: 98 @43912 has 245 MA's), (Start: 124 @43867 has 6 MA's), (140, 43789), (147, 43759), (161, 43720), (194, 43570), (283, 43294), (287, 43273), (302, 43234), (338, 43072),

Gene: JuliaChild_71 Start: 45234, Stop: 44416, Start Num: 84
Candidate Starts for JuliaChild_71:
(Start: 72 @45252 has 2 MA's), (Start: 84 @45234 has 45 MA's), (Start: 98 @45222 has 245 MA's), (133, 45138), (Start: 138 @45120 has 1 MA's), (144, 45078), (Start: 146 @45069 has 1 MA's), (152, 45054), (196, 44868), (212, 44823), (260, 44733), (262, 44727), (271, 44712), (274, 44706), (283, 44655), (286, 44640), (300, 44604), (302, 44595), (324, 44514), (338, 44448), (339, 44442), (342, 44424),

Gene: Junimo_64 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Junimo_64:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: KADY_74 Start: 44077, Stop: 43262, Start Num: 110
Candidate Starts for KADY_74:
(24, 44257), (50, 44152), (Start: 110 @44077 has 232 MA's), (Start: 158 @43894 has 1 MA's), (166, 43870), (173, 43843), (178, 43825), (253, 43624), (260, 43600), (271, 43576), (302, 43456), (307, 43438), (338, 43294), (342, 43270),

Gene: KBG_69 Start: 45672, Stop: 44758, Start Num: 41
Candidate Starts for KBG_69:
(Start: 41 @45672 has 1 MA's), (Start: 85 @45588 has 6 MA's), (Start: 98 @45576 has 245 MA's), (Start: 130 @45501 has 19 MA's), (Start: 146 @45420 has 1 MA's), (152, 45405), (161, 45369), (166, 45345), (196, 45210), (245, 45114), (273, 45051), (283, 44997), (302, 44937), (324, 44856), (338, 44790), (339, 44784), (342, 44766),

Gene: KFPoly_67 Start: 43152, Stop: 42361, Start Num: 110
Candidate Starts for KFPoly_67:
(21, 43365), (Start: 110 @43152 has 232 MA's), (Start: 123 @43125 has 7 MA's), (Start: 158 @42978 has 1 MA's), (166, 42954), (211, 42777), (252, 42711), (260, 42684), (271, 42663), (283, 42606), (284, 42597), (304, 42543), (338, 42393),

Gene: KSSJEB_69 Start: 43942, Stop: 43118, Start Num: 77
Candidate Starts for KSSJEB_69:
(60, 43975), (Start: 77 @43942 has 47 MA's), (Start: 98 @43924 has 245 MA's), (133, 43840), (Start: 138 @43822 has 1 MA's), (Start: 146 @43771 has 1 MA's), (152, 43756), (196, 43570), (212, 43525), (260, 43435), (262, 43429), (271, 43414), (274, 43408), (283, 43357), (286, 43342), (300, 43306), (302, 43297), (324, 43216), (338, 43150), (339, 43144), (342, 43126),

Gene: Kachowdy_72 Start: 43640, Stop: 42846, Start Num: 108
Candidate Starts for Kachowdy_72:
(Start: 108 @43640 has 55 MA's), (260, 43172), (283, 43088), (304, 43028), (338, 42878), (342, 42854),

Gene: Kalb97_77 Start: 43865, Stop: 43050, Start Num: 110
Candidate Starts for Kalb97_77:
(24, 44042), (Start: 110 @43865 has 232 MA's), (Start: 138 @43775 has 1 MA's), (Start: 158 @43682 has 1 MA's), (166, 43658), (178, 43613), (253, 43412), (260, 43388), (281, 43313), (302, 43244), (307, 43226), (338, 43082), (342, 43058),

Gene: Kalnoky_77 Start: 43863, Stop: 43048, Start Num: 110
Candidate Starts for Kalnoky_77:
(24, 44040), (Start: 110 @43863 has 232 MA's), (Start: 138 @43773 has 1 MA's), (Start: 158 @43680 has 1 MA's), (166, 43656), (178, 43611), (253, 43410), (260, 43386), (281, 43311), (302, 43242), (338, 43080), (342, 43056),

Gene: Kalpine_73 Start: 44727, Stop: 43903, Start Num: 98
Candidate Starts for Kalpine_73:
(31, 44868), (Start: 98 @44727 has 245 MA's), (Start: 130 @44652 has 19 MA's), (Start: 138 @44622 has 1 MA's), (Start: 146 @44571 has 1 MA's), (161, 44529), (287, 44139), (302, 44097),

Gene: Kampy_67 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Kampy_67:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Kanely_70 Start: 43913, Stop: 43110, Start Num: 100
Candidate Starts for Kanely_70:
(58, 43970), (Start: 100 @43913 has 31 MA's), (Start: 138 @43814 has 1 MA's), (Start: 146 @43763 has 1 MA's), (152, 43748), (196, 43562), (212, 43517), (260, 43427), (262, 43421), (271, 43406), (283, 43349), (286, 43334), (300, 43298), (302, 43289), (324, 43208), (338, 43142), (339, 43136), (342, 43118),

Gene: Katalie136_67 Start: 43434, Stop: 42643, Start Num: 110
Candidate Starts for Katalie136_67:
(Start: 110 @43434 has 232 MA's), (Start: 123 @43407 has 7 MA's), (Start: 158 @43260 has 1 MA's), (166, 43236), (253, 42990), (260, 42966), (283, 42888), (284, 42879), (304, 42825), (338, 42675),

Gene: KatherineG_82 Start: 44820, Stop: 43972, Start Num: 98
Candidate Starts for KatherineG_82:
(Start: 98 @44820 has 245 MA's), (Start: 103 @44814 has 2 MA's), (Start: 123 @44772 has 7 MA's), (Start: 130 @44739 has 19 MA's), (Start: 138 @44709 has 1 MA's), (161, 44616), (243, 44352), (287, 44205), (288, 44202), (302, 44163),

Gene: Kazan_77 Start: 43236, Stop: 42409, Start Num: 98
Candidate Starts for Kazan_77:
(Start: 98 @43236 has 245 MA's), (121, 43206), (Start: 130 @43164 has 19 MA's), (Start: 138 @43134 has 1 MA's), (Start: 146 @43083 has 1 MA's), (159, 43047), (166, 43017), (175, 42981), (192, 42897), (245, 42789), (261, 42735), (262, 42732), (283, 42660), (287, 42639), (288, 42636), (302, 42600), (338, 42438),

Gene: Keiki_36 Start: 24607, Stop: 23660, Start Num: 135
Candidate Starts for Keiki_36:
(49, 24793), (106, 24691), (Start: 127 @24628 has 1 MA's), (Start: 135 @24607 has 40 MA's), (200, 24286), (214, 24241), (221, 24220), (280, 24013), (285, 23989), (290, 23965), (297, 23953), (321, 23845), (325, 23830), (338, 23767),

Gene: KekoraPapaka_65 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for KekoraPapaka_65:
(Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Kenmech_73 Start: 45774, Stop: 44950, Start Num: 77
Candidate Starts for Kenmech_73:
(60, 45807), (Start: 77 @45774 has 47 MA's), (Start: 98 @45756 has 245 MA's), (133, 45672), (Start: 138 @45654 has 1 MA's), (Start: 146 @45603 has 1 MA's), (152, 45588), (196, 45402), (212, 45357), (260, 45267), (262, 45261), (271, 45246), (283, 45189), (286, 45174), (300, 45138), (302, 45129), (324, 45048), (338, 44982), (339, 44976), (342, 44958),

Gene: Kerberos_76 Start: 44860, Stop: 44051, Start Num: 107
Candidate Starts for Kerberos_76:
(Start: 107 @44860 has 13 MA's), (Start: 123 @44830 has 7 MA's), (Start: 130 @44797 has 19 MA's), (Start: 138 @44767 has 1 MA's), (159, 44680), (166, 44650), (214, 44467), (262, 44377), (283, 44305), (287, 44284), (302, 44242), (303, 44239), (329, 44125), (331, 44113), (338, 44080),

Gene: Keziacharles14_72 Start: 44422, Stop: 43532, Start Num: 98
Candidate Starts for Keziacharles14_72:
(34, 44545), (Start: 98 @44422 has 245 MA's), (Start: 123 @44392 has 7 MA's), (Start: 130 @44359 has 19 MA's), (Start: 138 @44329 has 1 MA's), (Start: 146 @44278 has 1 MA's), (151, 44266), (206, 44050), (209, 44047), (230, 43999), (245, 43915), (260, 43864), (261, 43861), (262, 43858), (283, 43783), (287, 43762), (302, 43723), (338, 43561),

Gene: KikiBouba_67 Start: 43350, Stop: 42532, Start Num: 84
Candidate Starts for KikiBouba_67:
(Start: 72 @43368 has 2 MA's), (Start: 84 @43350 has 45 MA's), (Start: 98 @43338 has 245 MA's), (133, 43254), (Start: 138 @43236 has 1 MA's), (Start: 146 @43185 has 1 MA's), (152, 43170), (196, 42984), (212, 42939), (260, 42849), (262, 42843), (271, 42828), (273, 42825), (274, 42822), (283, 42771), (300, 42720), (302, 42711), (324, 42630), (338, 42564), (339, 42558), (342, 42540),

Gene: Killigrew_68 Start: 44132, Stop: 43311, Start Num: 81

Candidate Starts for Killigrew_68:
(Start: 81 @44132 has 5 MA's), (Start: 95 @44120 has 6 MA's), (99, 44114), (133, 44033), (Start: 138 @44015 has 1 MA's), (Start: 146 @43964 has 1 MA's), (152, 43949), (196, 43763), (212, 43718), (260, 43628), (262, 43622), (271, 43607), (283, 43550), (286, 43535), (300, 43499), (302, 43490), (314, 43454), (324, 43409), (338, 43343), (339, 43337), (342, 43319),

Gene: Kimba_74 Start: 43627, Stop: 42812, Start Num: 98
Candidate Starts for Kimba_74:
(Start: 98 @43627 has 245 MA's), (139, 43522), (Start: 146 @43477 has 1 MA's), (161, 43435), (165, 43417), (173, 43384), (190, 43309), (262, 43138), (283, 43066), (287, 43045), (302, 43006), (338, 42844),

Gene: Kimona_67 Start: 42304, Stop: 41501, Start Num: 110
Candidate Starts for Kimona_67:
(Start: 110 @42304 has 232 MA's), (Start: 123 @42274 has 7 MA's), (Start: 158 @42127 has 1 MA's), (164, 42112), (166, 42103), (191, 41989), (261, 41830), (262, 41827), (273, 41797), (283, 41743), (291, 41710), (304, 41683), (328, 41590), (338, 41533),

Gene: KingCyrus_73 Start: 45799, Stop: 44900, Start Num: 98
Candidate Starts for KingCyrus_73:
(Start: 98 @45799 has 245 MA's), (Start: 112 @45787 has 1 MA's), (Start: 130 @45730 has 19 MA's), (Start: 138 @45700 has 1 MA's), (155, 45625), (161, 45607), (214, 45400), (220, 45385), (233, 45343), (260, 45232), (302, 45091), (338, 44929),

Gene: Kingmustik0402_68 Start: 43147, Stop: 42356, Start Num: 110
Candidate Starts for Kingmustik0402_68:
(Start: 110 @43147 has 232 MA's), (Start: 123 @43120 has 7 MA's), (Start: 158 @42973 has 1 MA's), (166, 42949), (211, 42772), (252, 42706), (260, 42679), (271, 42658), (283, 42601), (284, 42592), (304, 42538), (338, 42388),

Gene: Kinmap_76 Start: 43185, Stop: 42373, Start Num: 105
Candidate Starts for Kinmap_76:
(13, 43503), (17, 43476), (40, 43296), (Start: 105 @43185 has 4 MA's), (Start: 123 @43152 has 7 MA's), (Start: 130 @43119 has 19 MA's), (Start: 138 @43089 has 1 MA's), (161, 42996), (164, 42981), (214, 42789), (283, 42627), (302, 42567), (338, 42405), (344, 42378),

Gene: Kipper29_76 Start: 43249, Stop: 42422, Start Num: 98
Candidate Starts for Kipper29_76:
(Start: 98 @43249 has 245 MA's), (121, 43219), (Start: 130 @43177 has 19 MA's), (Start: 138 @43147 has 1 MA's), (Start: 146 @43096 has 1 MA's), (159, 43060), (166, 43030), (175, 42994), (192, 42910), (245, 42802), (261, 42748), (262, 42745), (283, 42673), (287, 42652), (288, 42649), (302, 42613), (338, 42451),

Gene: KittenMittens_65 Start: 42090, Stop: 41248, Start Num: 86
Candidate Starts for KittenMittens_65:
(25, 42249), (Start: 86 @42090 has 16 MA's), (92, 42078), (Start: 123 @42027 has 7 MA's), (Start: 158 @41880 has 1 MA's), (164, 41865), (261, 41583), (286, 41478), (288, 41469), (304, 41430), (320, 41370), (338, 41280), (342, 41256),

Gene: Klodlith_70 Start: 42977, Stop: 42075, Start Num: 103
Candidate Starts for Klodlith_70:
(34, 43109), (Start: 98 @42983 has 245 MA's), (Start: 103 @42977 has 2 MA's), (Start: 123 @42947 has 7 MA's), (Start: 130 @42914 has 19 MA's), (Start: 138 @42884 has 1 MA's), (140, 42860), (151,

42821), (161, 42791), (175, 42731), (206, 42605), (223, 42569), (241, 42473), (256, 42428), (261, 42404), (262, 42401), (285, 42314), (287, 42305), (308, 42239), (318, 42203), (338, 42104),

Gene: Koan_65 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Koan_65:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Koduck_75 Start: 43689, Stop: 42817, Start Num: 98
Candidate Starts for Koduck_75:
(Start: 98 @43689 has 245 MA's), (118, 43671), (Start: 124 @43644 has 6 MA's), (140, 43566), (161, 43497), (262, 43143), (283, 43071), (287, 43050), (291, 43038), (302, 43008), (338, 42846),

Gene: Koko_77 Start: 43783, Stop: 42962, Start Num: 98
Candidate Starts for Koko_77:
(22, 43996), (Start: 98 @43783 has 245 MA's), (Start: 130 @43720 has 19 MA's), (Start: 138 @43690 has 1 MA's), (159, 43603), (161, 43597), (166, 43573), (245, 43345), (283, 43216), (287, 43195), (288, 43192), (291, 43183), (302, 43156), (338, 42994),

Gene: Koreni_67 Start: 42839, Stop: 42048, Start Num: 110
Candidate Starts for Koreni_67:
(Start: 110 @42839 has 232 MA's), (Start: 123 @42812 has 7 MA's), (Start: 158 @42665 has 1 MA's), (166, 42641), (211, 42464), (252, 42398), (260, 42371), (271, 42350), (283, 42293), (284, 42284), (304, 42230), (338, 42080),

Gene: Kratark_67 Start: 43195, Stop: 42404, Start Num: 110
Candidate Starts for Kratark_67:
(Start: 110 @43195 has 232 MA's), (Start: 123 @43168 has 7 MA's), (Start: 158 @43021 has 1 MA's), (211, 42820), (252, 42754), (260, 42727), (271, 42706), (283, 42649), (284, 42640), (304, 42586), (338, 42436),

Gene: Kremtemulon_67 Start: 43291, Stop: 42500, Start Num: 110
Candidate Starts for Kremtemulon_67:
(44, 43366), (Start: 110 @43291 has 232 MA's), (Start: 123 @43264 has 7 MA's), (Start: 158 @43117 has 1 MA's), (211, 42916), (252, 42850), (260, 42823), (271, 42802), (283, 42745), (284, 42736), (304, 42682), (338, 42532),

Gene: Krishelle_56 Start: 39714, Stop: 38905, Start Num: 115
Candidate Starts for Krishelle_56:
(Start: 115 @39714 has 35 MA's), (119, 39702), (140, 39600), (Start: 142 @39594 has 1 MA's), (Start: 158 @39540 has 1 MA's), (164, 39525), (190, 39414), (192, 39396), (278, 39189), (298, 39117), (299, 39114), (302, 39099), (324, 39018), (338, 38949), (339, 38943),

Gene: Kristoff_67 Start: 43392, Stop: 42565, Start Num: 86
Candidate Starts for Kristoff_67:
(25, 43551), (Start: 86 @43392 has 16 MA's), (Start: 158 @43182 has 1 MA's), (164, 43167), (260, 42888), (283, 42810), (304, 42747), (320, 42687), (342, 42573),

Gene: Kubed_36 Start: 24662, Stop: 23721, Start Num: 135
Candidate Starts for Kubed_36:
(24, 24953), (49, 24848), (Start: 127 @24683 has 1 MA's), (Start: 135 @24662 has 40 MA's), (192, 24377), (200, 24341), (214, 24296), (280, 24068), (281, 24062), (285, 24044), (290, 24020), (297,

24008), (321, 23900), (325, 23885), (334, 23840),

Gene: Kugel_74 Start: 45950, Stop: 45126, Start Num: 77
Candidate Starts for Kugel_74:
(60, 45983), (Start: 77 @45950 has 47 MA's), (Start: 98 @45932 has 245 MA's), (133, 45848), (Start: 138 @45830 has 1 MA's), (Start: 146 @45779 has 1 MA's), (152, 45764), (196, 45578), (212, 45533), (260, 45443), (262, 45437), (271, 45422), (274, 45416), (283, 45365), (286, 45350), (300, 45314), (302, 45305), (324, 45224), (338, 45158), (339, 45152), (342, 45134),

Gene: Kumquat_63 Start: 33623, Stop: 32784, Start Num: 117
Candidate Starts for Kumquat_63:
(93, 33659), (Start: 117 @33623 has 14 MA's), (Start: 122 @33608 has 2 MA's), (147, 33485), (165, 33413), (201, 33251), (237, 33179), (239, 33173), (282, 33023), (294, 32981), (299, 32972), (324, 32870),

Gene: KyMonks1A_73 Start: 44221, Stop: 43421, Start Num: 108
Candidate Starts for KyMonks1A_73:
(83, 44239), (Start: 108 @44221 has 55 MA's), (133, 44143), (Start: 138 @44125 has 1 MA's), (144, 44083), (Start: 146 @44074 has 1 MA's), (152, 44059), (196, 43873), (212, 43828), (260, 43738), (262, 43732), (274, 43711), (283, 43660), (286, 43645), (300, 43609), (302, 43600), (324, 43519), (338, 43453), (339, 43447), (342, 43429),

Gene: Kyee_68 Start: 43156, Stop: 42365, Start Num: 110
Candidate Starts for Kyee_68:
(21, 43369), (Start: 110 @43156 has 232 MA's), (Start: 123 @43129 has 7 MA's), (Start: 158 @42982 has 1 MA's), (166, 42958), (211, 42781), (252, 42715), (260, 42688), (271, 42667), (283, 42610), (284, 42601), (304, 42547), (338, 42397),

Gene: Kykar_71 Start: 44877, Stop: 44059, Start Num: 84
Candidate Starts for Kykar_71:
(Start: 75 @44886 has 2 MA's), (Start: 84 @44877 has 45 MA's), (Start: 98 @44865 has 245 MA's), (133, 44781), (Start: 138 @44763 has 1 MA's), (Start: 146 @44712 has 1 MA's), (152, 44697), (198, 44502), (212, 44466), (260, 44376), (262, 44370), (271, 44355), (274, 44349), (283, 44298), (286, 44283), (300, 44247), (302, 44238), (324, 44157), (328, 44145), (338, 44091), (339, 44085), (342, 44067),

Gene: L5_69 Start: 43842, Stop: 42970, Start Num: 98
Candidate Starts for L5_69:
(Start: 98 @43842 has 245 MA's), (118, 43824), (Start: 124 @43797 has 6 MA's), (140, 43719), (161, 43650), (262, 43296), (283, 43224), (287, 43203), (291, 43191), (302, 43161), (338, 42999),

Gene: LBerry_78 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for LBerry_78:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: LHTSCC_70 Start: 43597, Stop: 42806, Start Num: 110
Candidate Starts for LHTSCC_70:
(44, 43672), (Start: 110 @43597 has 232 MA's), (Start: 123 @43570 has 7 MA's), (Start: 158 @43423 has 1 MA's), (211, 43222), (252, 43156), (260, 43129), (271, 43108), (283, 43051), (284, 43042), (304, 42988), (338, 42838),

Gene: LadyBird_77 Start: 45024, Stop: 44128, Start Num: 98
Candidate Starts for LadyBird_77:
(6, 45339), (9, 45330), (10, 45327), (Start: 98 @45024 has 245 MA's), (Start: 130 @44958 has 19 MA's), (Start: 138 @44928 has 1 MA's), (155, 44853), (161, 44835), (220, 44613), (233, 44571), (302, 44319), (338, 44157),

Gene: Lambert1_71 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for Lambert1_71:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: Lamina13_72 Start: 45682, Stop: 44864, Start Num: 84
Candidate Starts for Lamina13_72:
(52, 45745), (Start: 84 @45682 has 45 MA's), (Start: 98 @45670 has 245 MA's), (133, 45586), (Start: 138 @45568 has 1 MA's), (Start: 146 @45517 has 1 MA's), (152, 45502), (196, 45316), (212, 45271), (260, 45181), (262, 45175), (271, 45160), (274, 45154), (283, 45103), (286, 45088), (300, 45052), (302, 45043), (324, 44962), (338, 44896), (339, 44890), (342, 44872),

Gene: Landor_72 Start: 45614, Stop: 44802, Start Num: 97
Candidate Starts for Landor_72:
(56, 45677), (Start: 97 @45614 has 5 MA's), (Start: 104 @45608 has 2 MA's), (Start: 123 @45578 has 7 MA's), (Start: 130 @45545 has 19 MA's), (Start: 138 @45515 has 1 MA's), (161, 45422), (262, 45125), (302, 44993), (338, 44831),

Gene: LappelDuVide_68 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for LappelDuVide_68:
(Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: Larenn_70 Start: 44060, Stop: 43245, Start Num: 98
Candidate Starts for Larenn_70:
(Start: 74 @44084 has 2 MA's), (Start: 98 @44060 has 245 MA's), (Start: 100 @44057 has 31 MA's), (Start: 130 @43991 has 19 MA's), (Start: 138 @43961 has 1 MA's), (161, 43868), (256, 43598), (260, 43577), (262, 43571), (287, 43478), (302, 43436),

Gene: LarryKay_77 Start: 44078, Stop: 43263, Start Num: 110
Candidate Starts for LarryKay_77:
(24, 44261), (Start: 110 @44078 has 232 MA's), (Start: 123 @44051 has 7 MA's), (Start: 158 @43895 has 1 MA's), (166, 43871), (173, 43844), (178, 43826), (253, 43625), (260, 43601), (271, 43577), (302, 43457), (307, 43439), (314, 43409), (338, 43295), (342, 43271),

Gene: LastResort_80 Start: 44703, Stop: 43903, Start Num: 123
Candidate Starts for LastResort_80:
(Start: 98 @44751 has 245 MA's), (Start: 103 @44745 has 2 MA's), (Start: 123 @44703 has 7 MA's), (Start: 130 @44670 has 19 MA's), (Start: 138 @44640 has 1 MA's), (161, 44547), (243, 44283), (261, 44235), (287, 44136), (288, 44133), (302, 44094),

Gene: Lauchelly_36 Start: 24703, Stop: 23756, Start Num: 135
Candidate Starts for Lauchelly_36:
(126, 24727), (Start: 135 @24703 has 40 MA's), (198, 24394), (200, 24382), (214, 24337), (221, 24316), (280, 24109), (285, 24085), (290, 24061), (297, 24049), (321, 23941), (325, 23926),

Gene: Lemur_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Lemur_68:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: LeoAvram_67 Start: 43188, Stop: 42397, Start Num: 110
Candidate Starts for LeoAvram_67:
(Start: 110 @43188 has 232 MA's), (Start: 123 @43161 has 7 MA's), (Start: 158 @43014 has 1 MA's), (211, 42813), (252, 42747), (260, 42720), (271, 42699), (284, 42633), (304, 42579), (338, 42429),

Gene: Leogania_72 Start: 44753, Stop: 43929, Start Num: 96
Candidate Starts for Leogania_72:
(Start: 96 @44753 has 2 MA's), (Start: 130 @44675 has 19 MA's), (Start: 138 @44645 has 1 MA's), (161, 44552), (302, 44120), (338, 43958),

Gene: Lesedi_64 Start: 41932, Stop: 41198, Start Num: 130
Candidate Starts for Lesedi_64:
(63, 42046), (64, 42043), (67, 42040), (Start: 130 @41932 has 19 MA's), (Start: 146 @41851 has 1 MA's), (152, 41836), (196, 41650), (212, 41605), (260, 41515), (262, 41509), (271, 41494), (274, 41488), (283, 41437), (286, 41422), (300, 41386), (302, 41377), (324, 41296), (338, 41230), (339, 41224), (342, 41206),

Gene: Lev2_68 Start: 42872, Stop: 42057, Start Num: 90
Candidate Starts for Lev2_68:
(Start: 90 @42872 has 50 MA's), (149, 42719), (Start: 158 @42698 has 1 MA's), (175, 42638), (182, 42617), (263, 42395), (283, 42299), (288, 42275), (296, 42257), (314, 42203), (320, 42179), (321, 42170), (338, 42089), (342, 42065),

Gene: Levia_66 Start: 43114, Stop: 42290, Start Num: 77
Candidate Starts for Levia_66:
(Start: 77 @43114 has 47 MA's), (Start: 98 @43096 has 245 MA's), (133, 43012), (Start: 138 @42994 has 1 MA's), (144, 42952), (Start: 146 @42943 has 1 MA's), (152, 42928), (196, 42742), (260, 42607), (262, 42601), (271, 42586), (283, 42529), (286, 42514), (300, 42478), (302, 42469), (314, 42433), (324, 42388), (338, 42322), (339, 42316), (342, 42298),

Gene: Leviathan_75 Start: 44849, Stop: 43950, Start Num: 98
Candidate Starts for Leviathan_75:
(Start: 98 @44849 has 245 MA's), (Start: 112 @44837 has 1 MA's), (Start: 130 @44780 has 19 MA's), (Start: 138 @44750 has 1 MA's), (161, 44657), (175, 44597), (214, 44450), (220, 44435), (231, 44402), (233, 44393), (260, 44282), (287, 44183), (302, 44141), (338, 43979),

Gene: Leviosa_36 Start: 24680, Stop: 23742, Start Num: 135
Candidate Starts for Leviosa_36:
(Start: 127 @24701 has 1 MA's), (Start: 135 @24680 has 40 MA's), (200, 24359), (214, 24314), (280, 24086), (285, 24062), (290, 24038), (297, 24026), (321, 23918), (325, 23903),

Gene: Licorice_69 Start: 45231, Stop: 44413, Start Num: 84
Candidate Starts for Licorice_69:
(52, 45294), (Start: 84 @45231 has 45 MA's), (Start: 98 @45219 has 245 MA's), (133, 45135), (Start: 138 @45117 has 1 MA's), (Start: 146 @45066 has 1 MA's), (152, 45051), (196, 44865), (260, 44730), (262, 44724), (271, 44709), (274, 44703), (283, 44652), (286, 44637), (300, 44601), (302, 44592), (324, 44511), (338, 44445), (339, 44439), (342, 44421),

Gene: LilBandit_36 Start: 24493, Stop: 23546, Start Num: 135
Candidate Starts for LilBandit_36:
(65, 24637), (Start: 127 @24514 has 1 MA's), (Start: 135 @24493 has 40 MA's), (200, 24172), (214, 24127), (221, 24106), (280, 23899), (285, 23875), (290, 23851), (297, 23839), (321, 23731), (325, 23716),

Gene: LilBib_68 Start: 45196, Stop: 44378, Start Num: 84
Candidate Starts for LilBib_68:
(Start: 75 @45205 has 2 MA's), (Start: 84 @45196 has 45 MA's), (Start: 98 @45184 has 245 MA's), (133, 45100), (Start: 138 @45082 has 1 MA's), (Start: 146 @45031 has 1 MA's), (152, 45016), (196, 44830), (212, 44785), (260, 44695), (262, 44689), (271, 44674), (274, 44668), (283, 44617), (286, 44602), (300, 44566), (302, 44557), (324, 44476), (338, 44410), (339, 44404), (342, 44386),

Gene: LilTurb_74 Start: 44663, Stop: 43764, Start Num: 98
Candidate Starts for LilTurb_74:
(Start: 98 @44663 has 245 MA's), (Start: 112 @44651 has 1 MA's), (Start: 130 @44594 has 19 MA's), (Start: 138 @44564 has 1 MA's), (161, 44471), (175, 44411), (214, 44264), (220, 44249), (231, 44216), (233, 44207), (260, 44096), (287, 43997), (302, 43955), (338, 43793),

Gene: Lilbunny_75 Start: 43025, Stop: 42204, Start Num: 98
Candidate Starts for Lilbunny_75:
(22, 43238), (Start: 98 @43025 has 245 MA's), (Start: 130 @42962 has 19 MA's), (Start: 138 @42932 has 1 MA's), (159, 42845), (161, 42839), (166, 42815), (245, 42587), (283, 42458), (287, 42437), (288, 42434), (291, 42425), (302, 42398), (338, 42236),

Gene: Lilith_75 Start: 44015, Stop: 43227, Start Num: 123
Candidate Starts for Lilith_75:
(24, 44222), (Start: 110 @44042 has 232 MA's), (Start: 123 @44015 has 7 MA's), (Start: 158 @43859 has 1 MA's), (166, 43835), (173, 43808), (178, 43790), (253, 43589), (260, 43565), (271, 43541), (302, 43421), (307, 43403), (314, 43373), (338, 43259), (342, 43235),

Gene: Lilleskat_75 Start: 43753, Stop: 42911, Start Num: 98
Candidate Starts for Lilleskat_75:
(Start: 98 @43753 has 245 MA's), (Start: 103 @43747 has 2 MA's), (Start: 130 @43684 has 19 MA's), (Start: 138 @43654 has 1 MA's), (151, 43591), (206, 43375), (260, 43243), (261, 43240), (262, 43237), (285, 43150), (302, 43102), (338, 42940),

Gene: Lillie_56 Start: 39345, Stop: 38536, Start Num: 115
Candidate Starts for Lillie_56:
(Start: 115 @39345 has 35 MA's), (119, 39333), (140, 39231), (Start: 142 @39225 has 1 MA's), (Start: 158 @39171 has 1 MA's), (164, 39156), (190, 39045), (192, 39027), (278, 38820), (298, 38748), (299, 38745), (302, 38730), (324, 38649), (338, 38580), (339, 38574),

Gene: LionsBait_72 Start: 45484, Stop: 44582, Start Num: 98
Candidate Starts for LionsBait_72:
(Start: 98 @45484 has 245 MA's), (Start: 130 @45412 has 19 MA's), (Start: 138 @45382 has 1 MA's), (161, 45289), (220, 45067), (231, 45034), (233, 45025), (256, 44935), (302, 44773),

Gene: LittleB_68 Start: 43159, Stop: 42368, Start Num: 110
Candidate Starts for LittleB_68:
(21, 43372), (Start: 110 @43159 has 232 MA's), (Start: 123 @43132 has 7 MA's), (Start: 158 @42985 has 1 MA's), (211, 42784), (252, 42718), (260, 42691), (271, 42670), (283, 42613), (284, 42604), (304,

42550), (338, 42400),

Gene: LittleCherry_66 Start: 42432, Stop: 41620, Start Num: 90
Candidate Starts for LittleCherry_66:
(Start: 90 @42432 has 50 MA's), (149, 42279), (Start: 158 @42258 has 1 MA's), (175, 42198), (182, 42177), (263, 41955), (283, 41862), (288, 41838), (296, 41820), (314, 41766), (320, 41742), (321, 41733), (342, 41628),

Gene: LittleGuy_68 Start: 43054, Stop: 42263, Start Num: 110
Candidate Starts for LittleGuy_68:
(Start: 110 @43054 has 232 MA's), (Start: 123 @43027 has 7 MA's), (Start: 158 @42880 has 1 MA's), (211, 42679), (252, 42613), (260, 42586), (271, 42565), (283, 42508), (284, 42499), (304, 42445), (338, 42295),

Gene: LochMonster_69 Start: 43397, Stop: 42606, Start Num: 110
Candidate Starts for LochMonster_69:
(21, 43610), (Start: 110 @43397 has 232 MA's), (Start: 123 @43370 has 7 MA's), (Start: 158 @43223 has 1 MA's), (166, 43199), (211, 43022), (252, 42956), (260, 42929), (271, 42908), (283, 42851), (284, 42842), (304, 42788), (338, 42638),

Gene: Lockley_68 Start: 44246, Stop: 43428, Start Num: 82
Candidate Starts for Lockley_68:
(Start: 69 @44264 has 6 MA's), (Start: 74 @44255 has 2 MA's), (Start: 82 @44246 has 8 MA's), (Start: 98 @44234 has 245 MA's), (133, 44150), (Start: 138 @44132 has 1 MA's), (152, 44066), (196, 43880), (212, 43835), (260, 43745), (262, 43739), (271, 43724), (274, 43718), (283, 43667), (286, 43652), (300, 43616), (302, 43607), (324, 43526), (328, 43514), (338, 43460), (339, 43454), (342, 43436),

Gene: LogiBear_73 Start: 42719, Stop: 41820, Start Num: 113
Candidate Starts for LogiBear_73:
(11, 43061), (14, 43043), (Start: 113 @42719 has 2 MA's), (Start: 130 @42656 has 19 MA's), (Start: 138 @42626 has 1 MA's), (Start: 146 @42575 has 1 MA's), (161, 42533), (202, 42341), (222, 42284), (230, 42263), (274, 42128), (287, 42056), (294, 42038), (302, 42014), (338, 41852),

Gene: Lokk_67 Start: 42867, Stop: 42052, Start Num: 98
Candidate Starts for Lokk_67:
(Start: 98 @42867 has 245 MA's), (Start: 130 @42798 has 19 MA's), (Start: 138 @42768 has 1 MA's), (161, 42675), (261, 42381), (262, 42378), (286, 42291), (302, 42243), (338, 42081),

Gene: LoneWolf_76 Start: 44044, Stop: 43154, Start Num: 98
Candidate Starts for LoneWolf_76:
(7, 44353), (34, 44170), (Start: 98 @44044 has 245 MA's), (Start: 123 @44014 has 7 MA's), (Start: 130 @43981 has 19 MA's), (Start: 138 @43951 has 1 MA's), (Start: 146 @43900 has 1 MA's), (151, 43888), (161, 43858), (206, 43672), (209, 43669), (261, 43483), (262, 43480), (271, 43462), (302, 43345), (320, 43273), (329, 43228), (338, 43183),

Gene: Looper_81 Start: 44663, Stop: 43815, Start Num: 98
Candidate Starts for Looper_81:
(Start: 98 @44663 has 245 MA's), (Start: 103 @44657 has 2 MA's), (Start: 123 @44615 has 7 MA's), (Start: 130 @44582 has 19 MA's), (Start: 138 @44552 has 1 MA's), (161, 44459), (243, 44195), (287, 44048), (288, 44045), (302, 44006),

Gene: Lopton_69 Start: 45704, Stop: 44970, Start Num: 130
Candidate Starts for Lopton_69:

(63, 45818), (64, 45815), (67, 45812), (Start: 130 @45704 has 19 MA's), (Start: 146 @45623 has 1 MA's), (152, 45608), (196, 45422), (212, 45377), (260, 45287), (262, 45281), (271, 45266), (274, 45260), (283, 45209), (286, 45194), (300, 45158), (302, 45149), (324, 45068), (338, 45002), (339, 44996), (342, 44978),

Gene: Lorenzo_68 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Lorenzo_68:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Loser_75 Start: 44950, Stop: 44042, Start Num: 98
Candidate Starts for Loser_75:
(Start: 98 @44950 has 245 MA's), (Start: 130 @44881 has 19 MA's), (Start: 138 @44851 has 1 MA's), (161, 44758), (218, 44539), (232, 44497), (245, 44425), (261, 44371), (262, 44368), (287, 44275), (291, 44263), (302, 44233),

Gene: Louie6_76 Start: 44079, Stop: 43264, Start Num: 110
Candidate Starts for Louie6_76:
(24, 44259), (50, 44154), (Start: 110 @44079 has 232 MA's), (Start: 158 @43896 has 1 MA's), (166, 43872), (173, 43845), (178, 43827), (253, 43626), (260, 43602), (271, 43578), (302, 43458), (307, 43440), (338, 43296), (342, 43272),

Gene: Lowa_77 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for Lowa_77:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: Luchador_76 Start: 45162, Stop: 44356, Start Num: 98
Candidate Starts for Luchador_76:
(28, 45333), (Start: 98 @45162 has 245 MA's), (Start: 123 @45132 has 7 MA's), (Start: 130 @45099 has 19 MA's), (Start: 138 @45069 has 1 MA's), (161, 44976), (214, 44769), (247, 44721), (256, 44706), (291, 44574), (302, 44547), (308, 44520), (338, 44385),

Gene: Lucivia_77 Start: 44406, Stop: 43591, Start Num: 98
Candidate Starts for Lucivia_77:
(Start: 98 @44406 has 245 MA's), (139, 44301), (Start: 146 @44256 has 1 MA's), (161, 44214), (165, 44196), (190, 44088), (262, 43917), (283, 43845), (287, 43824), (302, 43785), (338, 43623),

Gene: Lucyedi_78 Start: 45148, Stop: 44228, Start Num: 98
Candidate Starts for Lucyedi_78:
(Start: 98 @45148 has 245 MA's), (Start: 138 @45055 has 1 MA's), (160, 44965), (199, 44791), (260, 44557), (261, 44554), (284, 44470), (302, 44419), (310, 44383),

Gene: LugYA_80 Start: 44050, Stop: 43235, Start Num: 110
Candidate Starts for LugYA_80:
(24, 44230), (Start: 110 @44050 has 232 MA's), (Start: 123 @44023 has 7 MA's), (Start: 158 @43867 has 1 MA's), (166, 43843), (173, 43816), (178, 43798), (253, 43597), (260, 43573), (271, 43549), (302, 43429), (307, 43411), (314, 43381), (338, 43267), (342, 43243),

Gene: LunarLander_68 Start: 44378, Stop: 43575, Start Num: 100
Candidate Starts for LunarLander_68:

(58, 44435), (Start: 100 @44378 has 31 MA's), (133, 44297), (Start: 138 @44279 has 1 MA's), (Start: 146 @44228 has 1 MA's), (152, 44213), (196, 44027), (212, 43982), (260, 43892), (262, 43886), (271, 43871), (283, 43814), (286, 43799), (300, 43763), (302, 43754), (324, 43673), (338, 43607), (339, 43601), (342, 43583),

Gene: Lunsford_68 Start: 43152, Stop: 42361, Start Num: 110
Candidate Starts for Lunsford_68:
(Start: 110 @43152 has 232 MA's), (Start: 123 @43125 has 7 MA's), (Start: 158 @42978 has 1 MA's), (211, 42777), (252, 42711), (260, 42684), (271, 42663), (283, 42606), (284, 42597), (304, 42543), (338, 42393),

Gene: MA5_71 Start: 43063, Stop: 42266, Start Num: 108
Candidate Starts for MA5_71:
(46, 43135), (Start: 108 @43063 has 55 MA's), (133, 42988), (260, 42592), (283, 42508), (304, 42448), (338, 42298), (342, 42274),

Gene: MEAK_36 Start: 24352, Stop: 23411, Start Num: 135
Candidate Starts for MEAK_36:
(49, 24544), (65, 24502), (Start: 127 @24379 has 1 MA's), (Start: 135 @24352 has 40 MA's), (192, 24067), (200, 24031), (214, 23986), (215, 23983), (280, 23758), (285, 23734), (292, 23707), (297, 23698), (321, 23590), (325, 23575),

Gene: MK4_71 Start: 43138, Stop: 42341, Start Num: 108
Candidate Starts for MK4_71:
(31, 43276), (36, 43243), (46, 43210), (Start: 108 @43138 has 55 MA's), (133, 43063), (260, 42667), (283, 42583), (304, 42523), (338, 42373), (342, 42349),

Gene: MPlant7149_69 Start: 42916, Stop: 42116, Start Num: 109
Candidate Starts for MPlant7149_69:
(Start: 109 @42916 has 19 MA's), (133, 42838), (Start: 138 @42820 has 1 MA's), (Start: 146 @42769 has 1 MA's), (152, 42754), (196, 42568), (212, 42523), (260, 42433), (262, 42427), (271, 42412), (274, 42406), (283, 42355), (286, 42340), (300, 42304), (302, 42295), (324, 42214), (338, 42148), (339, 42142), (342, 42124),

Gene: MaCh_76 Start: 44370, Stop: 43555, Start Num: 98
Candidate Starts for MaCh_76:
(Start: 98 @44370 has 245 MA's), (139, 44265), (Start: 146 @44220 has 1 MA's), (161, 44178), (165, 44160), (190, 44052), (262, 43881), (283, 43809), (287, 43788), (302, 43749), (338, 43587),

Gene: Mabel_76 Start: 44371, Stop: 43556, Start Num: 98
Candidate Starts for Mabel_76:
(Start: 98 @44371 has 245 MA's), (139, 44266), (Start: 146 @44221 has 1 MA's), (161, 44179), (165, 44161), (190, 44053), (262, 43882), (283, 43810), (287, 43789), (302, 43750), (338, 43588),

Gene: MadMarie_75 Start: 44050, Stop: 43235, Start Num: 110
Candidate Starts for MadMarie_75:
(24, 44230), (Start: 110 @44050 has 232 MA's), (Start: 123 @44023 has 7 MA's), (Start: 158 @43867 has 1 MA's), (166, 43843), (173, 43816), (178, 43798), (253, 43597), (260, 43573), (271, 43549), (302, 43429), (307, 43411), (314, 43381), (338, 43267), (342, 43243),

Gene: Magnar_68 Start: 44115, Stop: 43291, Start Num: 77
Candidate Starts for Magnar_68:

(60, 44148), (Start: 77 @44115 has 47 MA's), (Start: 98 @44097 has 245 MA's), (133, 44013), (Start: 138 @43995 has 1 MA's), (Start: 146 @43944 has 1 MA's), (152, 43929), (196, 43743), (212, 43698), (260, 43608), (262, 43602), (271, 43587), (274, 43581), (283, 43530), (286, 43515), (300, 43479), (302, 43470), (324, 43389), (338, 43323), (339, 43317), (342, 43299),

Gene: Magnito_70 Start: 44221, Stop: 43385, Start Num: 69
Candidate Starts for Magnito_70:
(Start: 69 @44221 has 6 MA's), (Start: 74 @44212 has 2 MA's), (Start: 82 @44203 has 8 MA's), (Start: 98 @44191 has 245 MA's), (133, 44107), (Start: 138 @44089 has 1 MA's), (Start: 146 @44038 has 1 MA's), (152, 44023), (196, 43837), (212, 43792), (260, 43702), (262, 43696), (271, 43681), (274, 43675), (283, 43624), (286, 43609), (300, 43573), (302, 43564), (324, 43483), (338, 43417), (339, 43411), (342, 43393),

Gene: Magritte_244 Start: 126362, Stop: 127219, Start Num: 157
Candidate Starts for Magritte_244:
(136, 126263), (140, 126302), (145, 126326), (Start: 157 @126362 has 1 MA's), (182, 126485), (183, 126497), (184, 126500), (193, 126551), (195, 126560), (197, 126566), (213, 126626), (217, 126638), (228, 126668), (240, 126731), (241, 126734), (254, 126812), (255, 126815), (258, 126830), (261, 126842), (288, 126956), (289, 126959), (314, 127028), (322, 127067), (324, 127073), (333, 127121), (345, 127199),

Gene: Mainiac_76 Start: 44042, Stop: 43227, Start Num: 110
Candidate Starts for Mainiac_76:
(24, 44222), (Start: 110 @44042 has 232 MA's), (Start: 123 @44015 has 7 MA's), (Start: 158 @43859 has 1 MA's), (166, 43835), (173, 43808), (178, 43790), (253, 43589), (260, 43565), (271, 43541), (302, 43421), (307, 43403), (314, 43373), (338, 43259), (342, 43235),

Gene: MajorMajor_75 Start: 43779, Stop: 42910, Start Num: 98
Candidate Starts for MajorMajor_75:
(Start: 98 @43779 has 245 MA's), (Start: 124 @43734 has 6 MA's), (140, 43656), (147, 43626), (161, 43587), (283, 43161), (287, 43140), (302, 43101), (338, 42939),

Gene: Makemake_74 Start: 45907, Stop: 45089, Start Num: 84
Candidate Starts for Makemake_74:
(Start: 75 @45916 has 2 MA's), (Start: 84 @45907 has 45 MA's), (Start: 98 @45895 has 245 MA's), (133, 45811), (Start: 138 @45793 has 1 MA's), (Start: 146 @45742 has 1 MA's), (152, 45727), (196, 45541), (212, 45496), (260, 45406), (271, 45385), (274, 45379), (283, 45328), (286, 45313), (300, 45277), (302, 45268), (324, 45187), (338, 45121), (339, 45115), (342, 45097),

Gene: Malec_71 Start: 44624, Stop: 43812, Start Num: 100
Candidate Starts for Malec_71:
(Start: 74 @44651 has 2 MA's), (Start: 98 @44627 has 245 MA's), (Start: 100 @44624 has 31 MA's), (Start: 130 @44558 has 19 MA's), (Start: 138 @44528 has 1 MA's), (161, 44435), (256, 44165), (260, 44144), (262, 44138), (287, 44045), (302, 44003),

Gene: Malinsilva_79 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for Malinsilva_79:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: Maminiaina_75 Start: 43961, Stop: 43122, Start Num: 98
Candidate Starts for Maminiaina_75:

(34, 44084), (Start: 98 @43961 has 245 MA's), (Start: 123 @43931 has 7 MA's), (Start: 130 @43898 has 19 MA's), (Start: 138 @43868 has 1 MA's), (151, 43805), (161, 43775), (206, 43589), (209, 43586), (245, 43508), (261, 43454), (262, 43451), (287, 43355), (291, 43343), (308, 43289), (324, 43223), (329, 43199), (338, 43154),

Gene: Manatee_68 Start: 43340, Stop: 42540, Start Num: 108
Candidate Starts for Manatee_68:
(83, 43358), (Start: 108 @43340 has 55 MA's), (133, 43262), (Start: 138 @43244 has 1 MA's), (Start: 146 @43193 has 1 MA's), (152, 43178), (196, 42992), (212, 42947), (260, 42857), (262, 42851), (271, 42836), (274, 42830), (283, 42779), (286, 42764), (300, 42728), (302, 42719), (324, 42638), (338, 42572), (339, 42566), (342, 42548),

Gene: Manu_76 Start: 43866, Stop: 43051, Start Num: 110
Candidate Starts for Manu_76:
(Start: 110 @43866 has 232 MA's), (147, 43722), (Start: 158 @43683 has 1 MA's), (173, 43632), (178, 43614), (253, 43413), (260, 43389), (281, 43314), (302, 43245), (307, 43227), (338, 43083), (342, 43059),

Gene: Manuel_62 Start: 33910, Stop: 33089, Start Num: 117
Candidate Starts for Manuel_62:
(Start: 71 @33979 has 4 MA's), (Start: 117 @33910 has 14 MA's), (169, 33685), (201, 33538), (237, 33466), (259, 33400), (279, 33343), (280, 33337), (282, 33328), (299, 33277), (305, 33262), (323, 33178), (324, 33175),

Gene: MarQuardt_77 Start: 44051, Stop: 43236, Start Num: 110
Candidate Starts for MarQuardt_77:
(24, 44231), (Start: 110 @44051 has 232 MA's), (Start: 123 @44024 has 7 MA's), (Start: 158 @43868 has 1 MA's), (166, 43844), (173, 43817), (178, 43799), (253, 43598), (260, 43574), (271, 43550), (302, 43430), (307, 43412), (314, 43382), (338, 43268), (342, 43244),

Gene: Marcell_65 Start: 42723, Stop: 41899, Start Num: 77
Candidate Starts for Marcell_65:
(60, 42756), (Start: 77 @42723 has 47 MA's), (Start: 98 @42705 has 245 MA's), (133, 42621), (Start: 138 @42603 has 1 MA's), (Start: 146 @42552 has 1 MA's), (152, 42537), (196, 42351), (212, 42306), (260, 42216), (262, 42210), (271, 42195), (274, 42189), (283, 42138), (286, 42123), (300, 42087), (302, 42078), (324, 41997), (338, 41931), (339, 41925), (342, 41907),

Gene: Marchesa_69 Start: 43590, Stop: 42796, Start Num: 108
Candidate Starts for Marchesa_69:
(Start: 108 @43590 has 55 MA's), (260, 43122), (283, 43038), (304, 42978), (338, 42828), (342, 42804),

Gene: Marchy_64 Start: 41527, Stop: 40703, Start Num: 77
Candidate Starts for Marchy_64:
(Start: 77 @41527 has 47 MA's), (Start: 98 @41509 has 245 MA's), (133, 41425), (Start: 138 @41407 has 1 MA's), (144, 41365), (Start: 146 @41356 has 1 MA's), (152, 41341), (196, 41155), (260, 41020), (262, 41014), (271, 40999), (283, 40942), (286, 40927), (300, 40891), (302, 40882), (314, 40846), (324, 40801), (338, 40735), (339, 40729), (342, 40711),

Gene: Marco3_75 Start: 46512, Stop: 45694, Start Num: 84
Candidate Starts for Marco3_75:
(Start: 72 @46530 has 2 MA's), (Start: 84 @46512 has 45 MA's), (Start: 98 @46500 has 245 MA's), (133, 46416), (Start: 138 @46398 has 1 MA's), (Start: 146 @46347 has 1 MA's), (152, 46332), (196,

46146), (212, 46101), (260, 46011), (262, 46005), (271, 45990), (274, 45984), (283, 45933), (286, 45918), (300, 45882), (302, 45873), (324, 45792), (338, 45726), (339, 45720), (342, 45702),

Gene: Marge_65 Start: 43205, Stop: 42405, Start Num: 109
Candidate Starts for Marge_65:
(30, 43367), (Start: 101 @43208 has 6 MA's), (Start: 109 @43205 has 19 MA's), (133, 43127), (Start: 138 @43109 has 1 MA's), (Start: 146 @43058 has 1 MA's), (152, 43043), (196, 42857), (212, 42812), (262, 42716), (271, 42701), (274, 42695), (283, 42644), (286, 42629), (300, 42593), (302, 42584), (324, 42503), (328, 42491), (338, 42437), (339, 42431), (342, 42413),

Gene: Margo_71 Start: 43664, Stop: 42870, Start Num: 108
Candidate Starts for Margo_71:
(Start: 108 @43664 has 55 MA's), (Start: 158 @43490 has 1 MA's), (253, 43220), (260, 43196), (304, 43052), (320, 42992), (338, 42902), (342, 42878),

Gene: Marie_75 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for Marie_75:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Marius_77 Start: 43863, Stop: 43048, Start Num: 110
Candidate Starts for Marius_77:
(24, 44040), (Start: 110 @43863 has 232 MA's), (Start: 138 @43773 has 1 MA's), (Start: 158 @43680 has 1 MA's), (166, 43656), (178, 43611), (253, 43410), (260, 43386), (281, 43311), (302, 43242), (338, 43080), (342, 43056),

Gene: Maroc7_69 Start: 44820, Stop: 44017, Start Num: 100
Candidate Starts for Maroc7_69:
(58, 44877), (Start: 100 @44820 has 31 MA's), (133, 44739), (Start: 138 @44721 has 1 MA's), (Start: 146 @44670 has 1 MA's), (152, 44655), (196, 44469), (212, 44424), (260, 44334), (262, 44328), (271, 44313), (274, 44307), (283, 44256), (286, 44241), (300, 44205), (302, 44196), (324, 44115), (338, 44049), (339, 44043), (342, 44025),

Gene: Marsha_68 Start: 44905, Stop: 44102, Start Num: 100
Candidate Starts for Marsha_68:
(58, 44962), (Start: 100 @44905 has 31 MA's), (133, 44824), (Start: 138 @44806 has 1 MA's), (Start: 146 @44755 has 1 MA's), (152, 44740), (196, 44554), (260, 44419), (262, 44413), (271, 44398), (274, 44392), (283, 44341), (286, 44326), (300, 44290), (302, 44281), (324, 44200), (338, 44134), (339, 44128), (342, 44110),

Gene: MaryBeth_66 Start: 44050, Stop: 43250, Start Num: 108
Candidate Starts for MaryBeth_66:
(83, 44068), (Start: 108 @44050 has 55 MA's), (133, 43972), (Start: 138 @43954 has 1 MA's), (Start: 146 @43903 has 1 MA's), (152, 43888), (196, 43702), (212, 43657), (260, 43567), (262, 43561), (271, 43546), (283, 43489), (286, 43474), (300, 43438), (302, 43429), (324, 43348), (338, 43282), (339, 43276), (342, 43258),

Gene: MarysWell_67 Start: 43112, Stop: 42297, Start Num: 90
Candidate Starts for MarysWell_67:
(Start: 90 @43112 has 50 MA's), (149, 42959), (Start: 158 @42938 has 1 MA's), (175, 42878), (182, 42857), (263, 42635), (283, 42539), (288, 42515), (296, 42497), (314, 42443), (320, 42419), (321, 42410), (338, 42329), (342, 42305),

Gene: Maverick_67 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Maverick_67:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Maxo_69 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Maxo_69:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Mayonnaise_65 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Mayonnaise_65:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Mazhar510_68 Start: 43159, Stop: 42368, Start Num: 110
Candidate Starts for Mazhar510_68:
(21, 43372), (Start: 110 @43159 has 232 MA's), (Start: 123 @43132 has 7 MA's), (Start: 158 @42985 has 1 MA's), (166, 42961), (211, 42784), (252, 42718), (260, 42691), (271, 42670), (283, 42613), (284, 42604), (304, 42550), (338, 42400),

Gene: McFly_77 Start: 43865, Stop: 43038, Start Num: 98
Candidate Starts for McFly_77:
(Start: 98 @43865 has 245 MA's), (121, 43835), (Start: 130 @43793 has 19 MA's), (Start: 138 @43763 has 1 MA's), (Start: 146 @43712 has 1 MA's), (159, 43676), (166, 43646), (175, 43610), (192, 43526), (245, 43418), (261, 43364), (262, 43361), (283, 43289), (287, 43268), (288, 43265), (302, 43229), (338, 43067),

Gene: McGuire_70 Start: 43576, Stop: 42842, Start Num: 130
Candidate Starts for McGuire_70:
(63, 43690), (64, 43687), (67, 43684), (Start: 130 @43576 has 19 MA's), (Start: 146 @43495 has 1 MA's), (152, 43480), (196, 43294), (212, 43249), (260, 43159), (262, 43153), (271, 43138), (274, 43132), (283, 43081), (286, 43066), (300, 43030), (302, 43021), (324, 42940), (338, 42874), (339, 42868), (342, 42850),

Gene: McSinger_67 Start: 42936, Stop: 42202, Start Num: 130
Candidate Starts for McSinger_67:
(63, 43050), (64, 43047), (67, 43044), (Start: 130 @42936 has 19 MA's), (Start: 146 @42855 has 1 MA's), (152, 42840), (196, 42654), (260, 42519), (262, 42513), (274, 42492), (283, 42441), (286, 42426), (300, 42390), (302, 42381), (324, 42300), (338, 42234), (339, 42228), (342, 42210),

Gene: Medusa_68 Start: 43172, Stop: 42381, Start Num: 110
Candidate Starts for Medusa_68:
(Start: 110 @43172 has 232 MA's), (Start: 123 @43145 has 7 MA's), (Start: 158 @42998 has 1 MA's), (166, 42974), (211, 42797), (252, 42731), (260, 42704), (271, 42683), (283, 42626), (284, 42617), (304, 42563), (338, 42413),

Gene: MeeZee_67 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for MeeZee_67:

(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: MegTheThird_70 Start: 42981, Stop: 42073, Start Num: 98
Candidate Starts for MegTheThird_70:
(34, 43104), (Start: 98 @42981 has 245 MA's), (Start: 103 @42975 has 2 MA's), (Start: 130 @42912 has 19 MA's), (Start: 138 @42882 has 1 MA's), (140, 42858), (Start: 146 @42831 has 1 MA's), (151, 42819), (161, 42789), (206, 42603), (209, 42600), (241, 42471), (245, 42456), (261, 42402), (262, 42399), (285, 42312), (302, 42264), (338, 42102),

Gene: Melvin_70 Start: 43153, Stop: 42362, Start Num: 110
Candidate Starts for Melvin_70:
(21, 43366), (Start: 110 @43153 has 232 MA's), (Start: 123 @43126 has 7 MA's), (Start: 158 @42979 has 1 MA's), (211, 42778), (252, 42712), (260, 42685), (271, 42664), (283, 42607), (284, 42598), (304, 42544), (338, 42394),

Gene: MetalQZJ_65 Start: 44050, Stop: 43250, Start Num: 108
Candidate Starts for MetalQZJ_65:
(83, 44068), (Start: 108 @44050 has 55 MA's), (133, 43972), (Start: 138 @43954 has 1 MA's), (Start: 146 @43903 has 1 MA's), (152, 43888), (196, 43702), (212, 43657), (260, 43567), (262, 43561), (271, 43546), (283, 43489), (286, 43474), (300, 43438), (302, 43429), (324, 43348), (338, 43282), (339, 43276), (342, 43258),

Gene: Methuselah_70 Start: 44073, Stop: 43258, Start Num: 110
Candidate Starts for Methuselah_70:
(24, 44253), (Start: 110 @44073 has 232 MA's), (Start: 123 @44046 has 7 MA's), (Start: 158 @43890 has 1 MA's), (166, 43866), (173, 43839), (178, 43821), (253, 43620), (260, 43596), (271, 43572), (302, 43452), (307, 43434), (314, 43404), (338, 43290), (342, 43266),

Gene: Micasa_67 Start: 42834, Stop: 42019, Start Num: 90
Candidate Starts for Micasa_67:
(Start: 90 @42834 has 50 MA's), (149, 42681), (Start: 158 @42660 has 1 MA's), (175, 42600), (182, 42579), (263, 42357), (283, 42261), (288, 42237), (296, 42219), (314, 42165), (320, 42141), (321, 42132), (338, 42051), (342, 42027),

Gene: Michley_73 Start: 44999, Stop: 44175, Start Num: 77
Candidate Starts for Michley_73:
(60, 45032), (Start: 77 @44999 has 47 MA's), (Start: 98 @44981 has 245 MA's), (133, 44897), (Start: 138 @44879 has 1 MA's), (Start: 146 @44828 has 1 MA's), (152, 44813), (196, 44627), (212, 44582), (260, 44492), (262, 44486), (271, 44471), (274, 44465), (283, 44414), (286, 44399), (300, 44363), (302, 44354), (324, 44273), (338, 44207), (339, 44201), (342, 44183),

Gene: Microwolf_73 Start: 44065, Stop: 43250, Start Num: 110
Candidate Starts for Microwolf_73:
(24, 44245), (Start: 110 @44065 has 232 MA's), (Start: 123 @44038 has 7 MA's), (Start: 158 @43882 has 1 MA's), (166, 43858), (173, 43831), (178, 43813), (253, 43612), (260, 43588), (271, 43564), (302, 43444), (307, 43426), (314, 43396), (338, 43282), (342, 43258),

Gene: MiculUcigas_74 Start: 44267, Stop: 43452, Start Num: 98
Candidate Starts for MiculUcigas_74:
(4, 44606), (9, 44579), (10, 44576), (Start: 98 @44267 has 245 MA's), (Start: 130 @44198 has 19 MA's), (Start: 138 @44168 has 1 MA's), (155, 44093), (161, 44075), (261, 43781), (262, 43778), (302,

43643), (338, 43481),

Gene: Midas2_64 Start: 42730, Stop: 41915, Start Num: 90
Candidate Starts for Midas2_64:
(Start: 90 @42730 has 50 MA's), (149, 42577), (Start: 158 @42556 has 1 MA's), (175, 42496), (182, 42475), (263, 42253), (283, 42157), (288, 42133), (296, 42115), (314, 42061), (320, 42037), (321, 42028), (338, 41947), (342, 41923),

Gene: Miko_67 Start: 43645, Stop: 42830, Start Num: 98
Candidate Starts for Miko_67:
(Start: 98 @43645 has 245 MA's), (Start: 130 @43576 has 19 MA's), (Start: 138 @43546 has 1 MA's), (161, 43453), (261, 43159), (262, 43156), (286, 43069), (302, 43021), (338, 42859),

Gene: Milcery_67 Start: 42621, Stop: 41809, Start Num: 90
Candidate Starts for Milcery_67:
(Start: 90 @42621 has 50 MA's), (149, 42468), (Start: 158 @42447 has 1 MA's), (175, 42387), (182, 42366), (263, 42144), (283, 42051), (288, 42027), (296, 42009), (314, 41955), (320, 41931), (321, 41922), (342, 41817),

Gene: MilleFeuille_71 Start: 43797, Stop: 42979, Start Num: 82
Candidate Starts for MilleFeuille_71:
(Start: 69 @43815 has 6 MA's), (Start: 74 @43806 has 2 MA's), (Start: 82 @43797 has 8 MA's), (Start: 98 @43785 has 245 MA's), (133, 43701), (Start: 138 @43683 has 1 MA's), (Start: 146 @43632 has 1 MA's), (152, 43617), (196, 43431), (212, 43386), (260, 43296), (262, 43290), (271, 43275), (283, 43218), (286, 43203), (300, 43167), (302, 43158), (324, 43077), (338, 43011), (339, 43005), (342, 42987),

Gene: Millski_67 Start: 43159, Stop: 42368, Start Num: 110
Candidate Starts for Millski_67:
(21, 43372), (Start: 110 @43159 has 232 MA's), (Start: 123 @43132 has 7 MA's), (Start: 158 @42985 has 1 MA's), (166, 42961), (211, 42784), (252, 42718), (260, 42691), (271, 42670), (283, 42613), (284, 42604), (304, 42550), (338, 42400),

Gene: MinecraftSteve_82 Start: 44644, Stop: 43796, Start Num: 98
Candidate Starts for MinecraftSteve_82:
(Start: 98 @44644 has 245 MA's), (Start: 103 @44638 has 2 MA's), (Start: 123 @44596 has 7 MA's), (Start: 130 @44563 has 19 MA's), (Start: 138 @44533 has 1 MA's), (161, 44440), (243, 44176), (287, 44029), (288, 44026), (302, 43987),

Gene: Minispark_73 Start: 43589, Stop: 42753, Start Num: 98
Candidate Starts for Minispark_73:
(Start: 98 @43589 has 245 MA's), (Start: 123 @43559 has 7 MA's), (Start: 130 @43526 has 19 MA's), (Start: 138 @43496 has 1 MA's), (140, 43472), (Start: 146 @43445 has 1 MA's), (151, 43433), (161, 43403), (192, 43259), (194, 43253), (206, 43217), (245, 43136), (261, 43082), (262, 43079), (285, 42992), (302, 42944), (320, 42872),

Gene: Miramae_67 Start: 42979, Stop: 42188, Start Num: 110
Candidate Starts for Miramae_67:
(Start: 110 @42979 has 232 MA's), (Start: 123 @42952 has 7 MA's), (Start: 158 @42805 has 1 MA's), (253, 42535), (260, 42511), (283, 42433), (284, 42424), (304, 42370), (338, 42220),

Gene: Misomonster_78 Start: 44076, Stop: 43261, Start Num: 110
Candidate Starts for Misomonster_78:

(24, 44256), (50, 44151), (Start: 110 @44076 has 232 MA's), (Start: 158 @43893 has 1 MA's), (166, 43869), (173, 43842), (178, 43824), (253, 43623), (260, 43599), (271, 43575), (302, 43455), (307, 43437), (338, 43293), (342, 43269),

Gene: MissWhite_72 Start: 42829, Stop: 41936, Start Num: 98
Candidate Starts for MissWhite_72:
(34, 42964), (Start: 98 @42829 has 245 MA's), (Start: 123 @42793 has 7 MA's), (Start: 124 @42784 has 6 MA's), (Start: 138 @42730 has 1 MA's), (147, 42676), (161, 42637), (214, 42430), (256, 42289), (262, 42262), (263, 42259), (283, 42190), (287, 42169), (302, 42127),

Gene: Mkhuseli_66 Start: 42204, Stop: 41551, Start Num: 146
Candidate Starts for Mkhuseli_66:
(63, 42399), (64, 42396), (67, 42393), (Start: 130 @42285 has 19 MA's), (Start: 146 @42204 has 1 MA's), (152, 42189), (196, 42003), (212, 41958), (260, 41868), (262, 41862), (271, 41847), (274, 41841), (283, 41790), (286, 41775), (300, 41739), (302, 41730), (324, 41649), (338, 41583), (339, 41577), (343, 41556),

Gene: Molly_71 Start: 44467, Stop: 43649, Start Num: 84
Candidate Starts for Molly_71:
(Start: 72 @44485 has 2 MA's), (Start: 84 @44467 has 45 MA's), (Start: 98 @44455 has 245 MA's), (133, 44371), (Start: 138 @44353 has 1 MA's), (Start: 146 @44302 has 1 MA's), (152, 44287), (198, 44092), (212, 44056), (260, 43966), (262, 43960), (271, 43945), (274, 43939), (283, 43888), (286, 43873), (300, 43837), (302, 43828), (324, 43747), (338, 43681), (339, 43675), (342, 43657),

Gene: Monet_71 Start: 45587, Stop: 44784, Start Num: 88
Candidate Starts for Monet_71:
(Start: 88 @45587 has 4 MA's), (133, 45506), (Start: 138 @45488 has 1 MA's), (144, 45446), (Start: 146 @45437 has 1 MA's), (152, 45422), (196, 45236), (212, 45191), (260, 45101), (262, 45095), (271, 45080), (274, 45074), (283, 45023), (300, 44972), (302, 44963), (324, 44882), (328, 44870), (338, 44816), (339, 44810), (342, 44792),

Gene: MoneyMay_76 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for MoneyMay_76:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Montavir_72 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for Montavir_72:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Moose_70 Start: 43742, Stop: 42942, Start Num: 108
Candidate Starts for Moose_70:
(Start: 108 @43742 has 55 MA's), (133, 43664), (Start: 138 @43646 has 1 MA's), (Start: 146 @43595 has 1 MA's), (152, 43580), (196, 43394), (212, 43349), (260, 43259), (262, 43253), (271, 43238), (283, 43181), (286, 43166), (300, 43130), (302, 43121), (324, 43040), (338, 42974), (339, 42968), (342, 42950),

Gene: Morpher26_67 Start: 43455, Stop: 42664, Start Num: 110
Candidate Starts for Morpher26_67:

(Start: 110 @43455 has 232 MA's), (Start: 123 @43428 has 7 MA's), (Start: 158 @43281 has 1 MA's), (166, 43257), (253, 43011), (260, 42987), (283, 42909), (284, 42900), (304, 42846), (338, 42696),

Gene: Morrow_69 Start: 43200, Stop: 42409, Start Num: 110
Candidate Starts for Morrow_69:
(Start: 110 @43200 has 232 MA's), (Start: 123 @43173 has 7 MA's), (Start: 158 @43026 has 1 MA's), (211, 42825), (252, 42759), (260, 42732), (271, 42711), (283, 42654), (284, 42645), (304, 42591), (338, 42441),

Gene: Moyashi_36 Start: 24460, Stop: 23519, Start Num: 135
Candidate Starts for Moyashi_36:
(Start: 127 @24487 has 1 MA's), (Start: 135 @24460 has 40 MA's), (198, 24151), (200, 24139), (214, 24094), (221, 24073), (280, 23866), (285, 23842), (297, 23806), (321, 23698), (325, 23683),

Gene: MrAK_36 Start: 24473, Stop: 23532, Start Num: 135
Candidate Starts for MrAK_36:
(Start: 127 @24500 has 1 MA's), (Start: 135 @24473 has 40 MA's), (198, 24164), (200, 24152), (214, 24107), (221, 24086), (275, 23915), (280, 23879), (285, 23855), (297, 23819), (321, 23711), (325, 23696),

Gene: MrGordo_72 Start: 44403, Stop: 43573, Start Num: 85
Candidate Starts for MrGordo_72:
(Start: 41 @44487 has 1 MA's), (Start: 85 @44403 has 6 MA's), (Start: 98 @44391 has 245 MA's), (Start: 124 @44340 has 6 MA's), (Start: 130 @44316 has 19 MA's), (Start: 146 @44235 has 1 MA's), (152, 44220), (161, 44184), (166, 44160), (190, 44058), (196, 44025), (245, 43929), (260, 43890), (273, 43866), (275, 43860), (283, 43812), (302, 43752), (324, 43671), (338, 43605), (339, 43599), (342, 43581),

Gene: Mryolo_67 Start: 43590, Stop: 42766, Start Num: 77
Candidate Starts for Mryolo_67:
(Start: 77 @43590 has 47 MA's), (Start: 98 @43572 has 245 MA's), (133, 43488), (Start: 138 @43470 has 1 MA's), (144, 43428), (Start: 146 @43419 has 1 MA's), (152, 43404), (196, 43218), (212, 43173), (260, 43083), (262, 43077), (271, 43062), (274, 43056), (283, 43005), (286, 42990), (300, 42954), (302, 42945), (324, 42864), (338, 42798), (339, 42792), (342, 42774),

Gene: MuchMore_80 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for MuchMore_80:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: Mulciber_74 Start: 43912, Stop: 43097, Start Num: 98
Candidate Starts for Mulciber_74:
(Start: 98 @43912 has 245 MA's), (139, 43807), (Start: 146 @43762 has 1 MA's), (161, 43720), (165, 43702), (173, 43669), (190, 43594), (262, 43423), (283, 43351), (287, 43330), (302, 43291), (338, 43129),

Gene: Mule_65 Start: 42960, Stop: 42157, Start Num: 101
Candidate Starts for Mule_65:
(30, 43119), (Start: 101 @42960 has 6 MA's), (Start: 109 @42957 has 19 MA's), (133, 42879), (Start: 138 @42861 has 1 MA's), (Start: 146 @42810 has 1 MA's), (152, 42795), (196, 42609), (212, 42564), (260, 42474), (262, 42468), (271, 42453), (274, 42447), (283, 42396), (286, 42381), (300, 42345), (302, 42336), (324, 42255), (338, 42189), (339, 42183), (342, 42165),

Gene: Munch_76 Start: 44375, Stop: 43560, Start Num: 98
Candidate Starts for Munch_76:
(Start: 98 @44375 has 245 MA's), (139, 44270), (Start: 146 @44225 has 1 MA's), (161, 44183), (165, 44165), (190, 44057), (262, 43886), (283, 43814), (287, 43793), (302, 43754), (338, 43592),

Gene: Mundrea_67 Start: 43448, Stop: 42657, Start Num: 110
Candidate Starts for Mundrea_67:
(Start: 110 @43448 has 232 MA's), (Start: 123 @43421 has 7 MA's), (Start: 158 @43274 has 1 MA's), (166, 43250), (253, 43004), (260, 42980), (283, 42902), (304, 42839), (338, 42689),

Gene: Museum_71 Start: 45530, Stop: 44712, Start Num: 84
Candidate Starts for Museum_71:
(Start: 72 @45548 has 2 MA's), (Start: 84 @45530 has 45 MA's), (Start: 98 @45518 has 245 MA's), (133, 45434), (Start: 138 @45416 has 1 MA's), (Start: 146 @45365 has 1 MA's), (152, 45350), (196, 45164), (212, 45119), (260, 45029), (262, 45023), (271, 45008), (274, 45002), (283, 44951), (286, 44936), (300, 44900), (302, 44891), (324, 44810), (338, 44744), (339, 44738), (342, 44720),

Gene: MyraDee_71 Start: 41512, Stop: 40682, Start Num: 110
Candidate Starts for MyraDee_71:
(Start: 110 @41512 has 232 MA's), (Start: 124 @41473 has 6 MA's), (Start: 138 @41419 has 1 MA's), (Start: 157 @41329 has 1 MA's), (Start: 158 @41326 has 1 MA's), (178, 41257), (211, 41125), (214, 41116), (253, 41056), (281, 40945), (299, 40891), (302, 40876), (338, 40714), (342, 40690),

Gene: Myxus_75 Start: 43796, Stop: 42954, Start Num: 98
Candidate Starts for Myxus_75:
(Start: 98 @43796 has 245 MA's), (Start: 103 @43790 has 2 MA's), (Start: 130 @43727 has 19 MA's), (Start: 138 @43697 has 1 MA's), (151, 43634), (206, 43418), (260, 43286), (261, 43283), (262, 43280), (285, 43193), (302, 43145), (338, 42983),

Gene: NEHalo_67 Start: 44340, Stop: 43522, Start Num: 84
Candidate Starts for NEHalo_67:
(Start: 72 @44358 has 2 MA's), (Start: 84 @44340 has 45 MA's), (Start: 98 @44328 has 245 MA's), (133, 44244), (Start: 138 @44226 has 1 MA's), (Start: 146 @44175 has 1 MA's), (152, 44160), (196, 43974), (212, 43929), (260, 43839), (262, 43833), (271, 43818), (274, 43812), (283, 43761), (286, 43746), (300, 43710), (302, 43701), (324, 43620), (338, 43554), (339, 43548), (342, 43530),

Gene: NaSiaTalie_74 Start: 44361, Stop: 43546, Start Num: 98
Candidate Starts for NaSiaTalie_74:
(Start: 98 @44361 has 245 MA's), (Start: 130 @44292 has 19 MA's), (Start: 138 @44262 has 1 MA's), (155, 44187), (161, 44169), (261, 43875), (262, 43872), (302, 43737), (338, 43575),

Gene: Naca_70 Start: 44025, Stop: 43210, Start Num: 90
Candidate Starts for Naca_70:
(42, 44112), (Start: 90 @44025 has 50 MA's), (Start: 138 @43935 has 1 MA's), (149, 43872), (Start: 157 @43854 has 1 MA's), (Start: 158 @43851 has 1 MA's), (175, 43791), (182, 43770), (194, 43701), (254, 43578), (263, 43548), (269, 43512), (274, 43503), (283, 43452), (284, 43443), (288, 43428), (294, 43413), (314, 43356), (320, 43332), (321, 43323), (338, 43242), (342, 43218),

Gene: Naiad_55 Start: 39367, Stop: 38558, Start Num: 115
Candidate Starts for Naiad_55:
(Start: 115 @39367 has 35 MA's), (119, 39355), (140, 39253), (Start: 142 @39247 has 1 MA's), (Start: 158 @39193 has 1 MA's), (164, 39178), (190, 39067), (192, 39049), (278, 38842), (298, 38770), (299,

38767), (302, 38752), (324, 38671), (338, 38602), (339, 38596),

Gene: Naira_74 Start: 46178, Stop: 45354, Start Num: 77
Candidate Starts for Naira_74:
(60, 46211), (Start: 77 @46178 has 47 MA's), (Start: 98 @46160 has 245 MA's), (133, 46076), (Start: 138 @46058 has 1 MA's), (Start: 146 @46007 has 1 MA's), (152, 45992), (196, 45806), (212, 45761), (260, 45671), (262, 45665), (283, 45593), (286, 45578), (300, 45542), (302, 45533), (324, 45452), (338, 45386), (339, 45380), (342, 45362),

Gene: Naji_76 Start: 44861, Stop: 44052, Start Num: 107
Candidate Starts for Naji_76:
(Start: 107 @44861 has 13 MA's), (Start: 123 @44831 has 7 MA's), (Start: 130 @44798 has 19 MA's), (Start: 138 @44768 has 1 MA's), (159, 44681), (166, 44651), (214, 44468), (262, 44378), (283, 44306), (287, 44285), (302, 44243), (303, 44240), (329, 44126), (331, 44114), (338, 44081),

Gene: Nancinator_56 Start: 39284, Stop: 38478, Start Num: 115
Candidate Starts for Nancinator_56:
(Start: 115 @39284 has 35 MA's), (119, 39275), (128, 39239), (Start: 138 @39197 has 1 MA's), (140, 39173), (Start: 142 @39167 has 1 MA's), (Start: 158 @39113 has 1 MA's), (164, 39098), (190, 38987), (238, 38879), (278, 38762), (283, 38735), (298, 38690), (299, 38687), (302, 38672), (324, 38591), (339, 38516),

Gene: Natosaleda_55 Start: 39283, Stop: 38477, Start Num: 115
Candidate Starts for Natosaleda_55:
(Start: 115 @39283 has 35 MA's), (119, 39274), (128, 39238), (Start: 138 @39196 has 1 MA's), (140, 39172), (Start: 142 @39166 has 1 MA's), (Start: 158 @39112 has 1 MA's), (164, 39097), (190, 38986), (238, 38878), (278, 38761), (283, 38734), (298, 38689), (299, 38686), (302, 38671), (324, 38590), (339, 38515),

Gene: NearlyHeadless_83 Start: 45095, Stop: 44292, Start Num: 90
Candidate Starts for NearlyHeadless_83:
(Start: 90 @45095 has 50 MA's), (Start: 130 @45032 has 19 MA's), (147, 44948), (156, 44921), (175, 44861), (196, 44762), (247, 44663), (262, 44621), (270, 44603), (272, 44600), (288, 44525), (302, 44486), (320, 44414), (324, 44393), (342, 44300),

Gene: Nebs_69 Start: 43197, Stop: 42406, Start Num: 110
Candidate Starts for Nebs_69:
(Start: 110 @43197 has 232 MA's), (Start: 123 @43170 has 7 MA's), (Start: 158 @43023 has 1 MA's), (211, 42822), (252, 42756), (260, 42729), (271, 42708), (283, 42651), (284, 42642), (304, 42588), (338, 42438),

Gene: Nebulosus_79 Start: 44308, Stop: 43460, Start Num: 98
Candidate Starts for Nebulosus_79:
(Start: 98 @44308 has 245 MA's), (Start: 103 @44302 has 2 MA's), (Start: 123 @44260 has 7 MA's), (Start: 130 @44227 has 19 MA's), (Start: 138 @44197 has 1 MA's), (161, 44104), (287, 43693), (288, 43690), (302, 43651),

Gene: Nedarya_77 Start: 44538, Stop: 43654, Start Num: 98
Candidate Starts for Nedarya_77:
(Start: 98 @44538 has 245 MA's), (119, 44511), (Start: 138 @44433 has 1 MA's), (173, 44304), (202, 44163), (225, 44097), (226, 44094), (243, 44037), (283, 43911), (287, 43890), (288, 43887), (302, 43848), (336, 43698), (338, 43686),

Gene: Neeharika16_75 Start: 43332, Stop: 42505, Start Num: 98
Candidate Starts for Neeharika16_75:
(Start: 98 @43332 has 245 MA's), (121, 43302), (Start: 130 @43260 has 19 MA's), (Start: 138 @43230 has 1 MA's), (Start: 146 @43179 has 1 MA's), (159, 43143), (166, 43113), (175, 43077), (192, 42993), (245, 42885), (261, 42831), (262, 42828), (283, 42756), (287, 42735), (288, 42732), (302, 42696), (338, 42534),

Gene: Nellie_42 Start: 36942, Stop: 36106, Start Num: 124
Candidate Starts for Nellie_42:
(Start: 124 @36942 has 6 MA's), (129, 36921), (163, 36762), (173, 36723), (174, 36717), (177, 36705), (189, 36654), (192, 36633), (199, 36606), (241, 36528), (290, 36354), (302, 36318), (335, 36171),

Gene: Nemo27_67 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for Nemo27_67:
(21, 43370), (Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: Nerujay_75 Start: 46801, Stop: 45980, Start Num: 81
Candidate Starts for Nerujay_75:
(39, 46885), (Start: 81 @46801 has 5 MA's), (Start: 95 @46789 has 6 MA's), (133, 46702), (Start: 138 @46684 has 1 MA's), (Start: 146 @46633 has 1 MA's), (152, 46618), (196, 46432), (212, 46387), (260, 46297), (262, 46291), (271, 46276), (273, 46273), (274, 46270), (283, 46219), (286, 46204), (300, 46168), (302, 46159), (324, 46078), (328, 46066), (338, 46012), (339, 46006), (342, 45988),

Gene: Newrala_75 Start: 43671, Stop: 42844, Start Num: 98
Candidate Starts for Newrala_75:
(Start: 98 @43671 has 245 MA's), (121, 43641), (Start: 130 @43599 has 19 MA's), (Start: 138 @43569 has 1 MA's), (Start: 146 @43518 has 1 MA's), (159, 43482), (166, 43452), (175, 43416), (192, 43332), (245, 43224), (261, 43170), (262, 43167), (283, 43095), (287, 43074), (288, 43071), (302, 43035), (338, 42873),

Gene: Nhonho_68 Start: 44680, Stop: 43856, Start Num: 77
Candidate Starts for Nhonho_68:
(Start: 77 @44680 has 47 MA's), (Start: 98 @44662 has 245 MA's), (133, 44578), (Start: 138 @44560 has 1 MA's), (Start: 146 @44509 has 1 MA's), (152, 44494), (196, 44308), (260, 44173), (262, 44167), (271, 44152), (283, 44095), (300, 44044), (302, 44035), (324, 43954), (338, 43888), (339, 43882), (342, 43864),

Gene: NicoleTera_71 Start: 44384, Stop: 43566, Start Num: 98
Candidate Starts for NicoleTera_71:
(Start: 98 @44384 has 245 MA's), (Start: 130 @44315 has 19 MA's), (Start: 138 @44285 has 1 MA's), (161, 44192), (260, 43901), (286, 43808), (287, 43802), (302, 43760), (338, 43598),

Gene: Niza_70 Start: 45506, Stop: 44685, Start Num: 81
Candidate Starts for Niza_70:
(39, 45590), (Start: 81 @45506 has 5 MA's), (Start: 95 @45494 has 6 MA's), (133, 45407), (Start: 138 @45389 has 1 MA's), (Start: 146 @45338 has 1 MA's), (152, 45323), (196, 45137), (212, 45092), (260, 45002), (262, 44996), (271, 44981), (274, 44975), (283, 44924), (286, 44909), (300, 44873), (302, 44864), (324, 44783), (338, 44717), (339, 44711), (342, 44693),

Gene: Noella_71 Start: 43639, Stop: 42845, Start Num: 108
Candidate Starts for Noella_71:

(Start: 108 @43639 has 55 MA's), (Start: 158 @43465 has 1 MA's), (253, 43195), (260, 43171), (304, 43027), (320, 42967), (338, 42877), (342, 42853),

Gene: Noelle_68 Start: 43762, Stop: 42971, Start Num: 110
Candidate Starts for Noelle_68:
(Start: 110 @43762 has 232 MA's), (Start: 123 @43735 has 7 MA's), (Start: 158 @43588 has 1 MA's), (253, 43318), (260, 43294), (271, 43273), (283, 43216), (284, 43207), (304, 43153), (338, 43003),

Gene: Norbert_67 Start: 43637, Stop: 42843, Start Num: 108
Candidate Starts for Norbert_67:
(Start: 108 @43637 has 55 MA's), (Start: 158 @43463 has 1 MA's), (253, 43193), (260, 43169), (304, 43025), (320, 42965), (338, 42875), (342, 42851),

Gene: NorthStar_66 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for NorthStar_66:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Northrop_65 Start: 43154, Stop: 42363, Start Num: 110
Candidate Starts for Northrop_65:
(21, 43367), (Start: 110 @43154 has 232 MA's), (Start: 123 @43127 has 7 MA's), (Start: 158 @42980 has 1 MA's), (166, 42956), (211, 42779), (252, 42713), (260, 42686), (271, 42665), (283, 42608), (284, 42599), (304, 42545), (338, 42395),

Gene: Norz_68 Start: 46168, Stop: 45344, Start Num: 77
Candidate Starts for Norz_68:
(60, 46201), (Start: 77 @46168 has 47 MA's), (Start: 98 @46150 has 245 MA's), (133, 46066), (Start: 138 @46048 has 1 MA's), (Start: 146 @45997 has 1 MA's), (152, 45982), (196, 45796), (212, 45751), (260, 45661), (262, 45655), (271, 45640), (274, 45634), (283, 45583), (286, 45568), (300, 45532), (302, 45523), (314, 45487), (324, 45442), (338, 45376), (339, 45370), (342, 45352),

Gene: NotAPhaseMom_67 Start: 43162, Stop: 42371, Start Num: 110
Candidate Starts for NotAPhaseMom_67:
(21, 43375), (Start: 110 @43162 has 232 MA's), (Start: 123 @43135 has 7 MA's), (Start: 158 @42988 has 1 MA's), (166, 42964), (211, 42787), (252, 42721), (260, 42694), (271, 42673), (283, 42616), (284, 42607), (304, 42553), (338, 42403),

Gene: NothingSpecial_69 Start: 44384, Stop: 43581, Start Num: 105
Candidate Starts for NothingSpecial_69:
(Start: 105 @44384 has 4 MA's), (119, 44375), (121, 44369), (Start: 123 @44360 has 7 MA's), (Start: 124 @44351 has 6 MA's), (Start: 130 @44327 has 19 MA's), (Start: 138 @44297 has 1 MA's), (161, 44204), (214, 43997), (256, 43934), (283, 43835), (286, 43820), (287, 43814), (302, 43772), (338, 43610),

Gene: Noxious_67 Start: 43541, Stop: 42723, Start Num: 84
Candidate Starts for Noxious_67:
(Start: 72 @43559 has 2 MA's), (Start: 84 @43541 has 45 MA's), (Start: 98 @43529 has 245 MA's), (133, 43445), (Start: 138 @43427 has 1 MA's), (Start: 146 @43376 has 1 MA's), (152, 43361), (196, 43175), (212, 43130), (260, 43040), (262, 43034), (271, 43019), (273, 43016), (274, 43013), (283, 42962), (300, 42911), (302, 42902), (324, 42821), (338, 42755), (339, 42749), (342, 42731),

Gene: Nyxis_67 Start: 43048, Stop: 42257, Start Num: 110

Candidate Starts for Nyxis_67:
(Start: 110 @43048 has 232 MA's), (Start: 123 @43021 has 7 MA's), (Start: 158 @42874 has 1 MA's), (211, 42673), (252, 42607), (260, 42580), (271, 42559), (283, 42502), (284, 42493), (304, 42439), (338, 42289),

Gene: OKCentral2016_66 Start: 42189, Stop: 41362, Start Num: 86
Candidate Starts for OKCentral2016_66:
(25, 42348), (Start: 86 @42189 has 16 MA's), (Start: 123 @42126 has 7 MA's), (Start: 138 @42063 has 1 MA's), (Start: 158 @41979 has 1 MA's), (164, 41964), (166, 41955), (252, 41712), (260, 41685), (268, 41667), (283, 41607), (304, 41544), (320, 41484), (331, 41427), (342, 41370),

Gene: OKaNui_67 Start: 43208, Stop: 42417, Start Num: 110
Candidate Starts for OKaNui_67:
(Start: 110 @43208 has 232 MA's), (Start: 123 @43181 has 7 MA's), (Start: 158 @43034 has 1 MA's), (211, 42833), (252, 42767), (260, 42740), (271, 42719), (283, 42662), (284, 42653), (304, 42599), (338, 42449),

Gene: Obama12_69 Start: 43581, Stop: 42790, Start Num: 110
Candidate Starts for Obama12_69:
(44, 43656), (Start: 110 @43581 has 232 MA's), (Start: 123 @43554 has 7 MA's), (Start: 158 @43407 has 1 MA's), (211, 43206), (252, 43140), (260, 43113), (271, 43092), (283, 43035), (284, 43026), (304, 42972), (338, 42822),

Gene: Odin_75 Start: 44342, Stop: 43449, Start Num: 98
Candidate Starts for Odin_75:
(Start: 98 @44342 has 245 MA's), (119, 44321), (Start: 123 @44306 has 7 MA's), (Start: 124 @44297 has 6 MA's), (Start: 130 @44273 has 19 MA's), (Start: 138 @44243 has 1 MA's), (148, 44183), (161, 44150), (214, 43943), (241, 43835), (262, 43775), (302, 43640), (338, 43478),

Gene: Ohfah_69 Start: 43197, Stop: 42406, Start Num: 110
Candidate Starts for Ohfah_69:
(Start: 110 @43197 has 232 MA's), (Start: 123 @43170 has 7 MA's), (Start: 158 @43023 has 1 MA's), (211, 42822), (252, 42756), (260, 42729), (271, 42708), (283, 42651), (284, 42642), (304, 42588), (338, 42438),

Gene: Ohno789_70 Start: 44630, Stop: 43830, Start Num: 108
Candidate Starts for Ohno789_70:
(83, 44648), (Start: 108 @44630 has 55 MA's), (133, 44552), (Start: 138 @44534 has 1 MA's), (Start: 146 @44483 has 1 MA's), (152, 44468), (196, 44282), (212, 44237), (260, 44147), (262, 44141), (271, 44126), (274, 44120), (283, 44069), (286, 44054), (300, 44018), (302, 44009), (324, 43928), (338, 43862), (339, 43856), (342, 43838),

Gene: OlanP_75 Start: 44039, Stop: 43224, Start Num: 110
Candidate Starts for OlanP_75:
(Start: 110 @44039 has 232 MA's), (147, 43895), (Start: 158 @43856 has 1 MA's), (173, 43805), (178, 43787), (253, 43586), (260, 43562), (281, 43487), (302, 43418), (307, 43400), (338, 43256), (342, 43232),

Gene: Olicious_66 Start: 34368, Stop: 33547, Start Num: 117
Candidate Starts for Olicious_66:
(Start: 117 @34368 has 14 MA's), (Start: 122 @34353 has 2 MA's), (147, 34230), (159, 34185), (162, 34173), (165, 34158), (171, 34137), (194, 34026), (201, 33996), (239, 33918), (282, 33786), (294, 33744), (299, 33735), (312, 33687), (324, 33633),

Gene: Ollie_77 Start: 43920, Stop: 43105, Start Num: 110
Candidate Starts for Ollie_77:
(24, 44100), (Start: 110 @43920 has 232 MA's), (Start: 123 @43893 has 7 MA's), (Start: 158 @43737 has 1 MA's), (166, 43713), (173, 43686), (178, 43668), (253, 43467), (260, 43443), (271, 43419), (302, 43299), (307, 43281), (314, 43251), (338, 43137), (342, 43113),

Gene: Onglai_74 Start: 42000, Stop: 41158, Start Num: 98
Candidate Starts for Onglai_74:
(Start: 98 @42000 has 245 MA's), (Start: 103 @41994 has 2 MA's), (Start: 130 @41931 has 19 MA's), (Start: 138 @41901 has 1 MA's), (151, 41838), (206, 41622), (260, 41490), (261, 41487), (262, 41484), (285, 41397), (302, 41349), (338, 41187),

Gene: Oofda_81 Start: 44599, Stop: 43748, Start Num: 98
Candidate Starts for Oofda_81:
(Start: 98 @44599 has 245 MA's), (Start: 103 @44593 has 2 MA's), (Start: 123 @44551 has 7 MA's), (Start: 130 @44518 has 19 MA's), (Start: 138 @44488 has 1 MA's), (161, 44395), (243, 44131), (287, 43984), (288, 43981), (302, 43942), (338, 43780),

Gene: Oogway_67 Start: 44664, Stop: 43864, Start Num: 109
Candidate Starts for Oogway_67:
(30, 44826), (Start: 101 @44667 has 6 MA's), (Start: 109 @44664 has 19 MA's), (133, 44586), (Start: 138 @44568 has 1 MA's), (Start: 146 @44517 has 1 MA's), (152, 44502), (196, 44316), (212, 44271), (260, 44181), (262, 44175), (271, 44160), (274, 44154), (283, 44103), (286, 44088), (300, 44052), (302, 44043), (324, 43962), (338, 43896), (339, 43890), (342, 43872),

Gene: Orange_75 Start: 43924, Stop: 43109, Start Num: 98
Candidate Starts for Orange_75:
(Start: 98 @43924 has 245 MA's), (139, 43819), (Start: 146 @43774 has 1 MA's), (161, 43732), (165, 43714), (190, 43606), (262, 43435), (283, 43363), (287, 43342), (302, 43303), (338, 43141),

Gene: Ouroboros_36 Start: 24678, Stop: 23731, Start Num: 135
Candidate Starts for Ouroboros_36:
(65, 24822), (Start: 127 @24699 has 1 MA's), (Start: 135 @24678 has 40 MA's), (198, 24369), (200, 24357), (214, 24312), (280, 24084), (285, 24060), (297, 24024), (321, 23916), (325, 23901),

Gene: P1.1_36 Start: 24727, Stop: 23759, Start Num: 127
Candidate Starts for P1.1_36:
(Start: 127 @24727 has 1 MA's), (Start: 135 @24706 has 40 MA's), (200, 24385), (214, 24340), (280, 24112), (285, 24088), (297, 24052), (321, 23944), (325, 23929),

Gene: P100.1_36 Start: 24750, Stop: 23803, Start Num: 135
Candidate Starts for P100.1_36:
(Start: 127 @24777 has 1 MA's), (Start: 135 @24750 has 40 MA's), (198, 24441), (200, 24429), (214, 24384), (221, 24363), (280, 24156), (285, 24132), (290, 24108), (297, 24096), (321, 23988), (325, 23973),

Gene: P100A_36 Start: 24688, Stop: 23744, Start Num: 135
Candidate Starts for P100A_36:
(24, 24979), (50, 24871), (Start: 127 @24709 has 1 MA's), (Start: 135 @24688 has 40 MA's), (179, 24472), (200, 24367), (214, 24322), (215, 24319), (280, 24094), (285, 24070), (290, 24046), (297, 24034), (321, 23926), (325, 23911),

Gene: P100D_36 Start: 24667, Stop: 23720, Start Num: 135
Candidate Starts for P100D_36:
(Start: 127 @24688 has 1 MA's), (Start: 135 @24667 has 40 MA's), (192, 24382), (200, 24346), (214, 24301), (221, 24280), (280, 24073), (285, 24049), (290, 24025), (297, 24013), (321, 23905), (325, 23890),

Gene: P101A_36 Start: 24699, Stop: 23752, Start Num: 135
Candidate Starts for P101A_36:
(49, 24885), (65, 24843), (Start: 127 @24720 has 1 MA's), (Start: 135 @24699 has 40 MA's), (192, 24414), (214, 24333), (280, 24105), (285, 24081), (290, 24057), (297, 24045), (321, 23937), (325, 23922),

Gene: P104A_36 Start: 24461, Stop: 23520, Start Num: 135
Candidate Starts for P104A_36:
(65, 24605), (Start: 110 @24539 has 232 MA's), (Start: 127 @24482 has 1 MA's), (Start: 135 @24461 has 40 MA's), (198, 24152), (200, 24140), (214, 24095), (221, 24074), (275, 23903), (280, 23867), (285, 23843), (290, 23819), (297, 23807), (321, 23699), (325, 23684),

Gene: P104B_36 Start: 24668, Stop: 23721, Start Num: 135
Candidate Starts for P104B_36:
(49, 24854), (65, 24812), (Start: 127 @24689 has 1 MA's), (Start: 135 @24668 has 40 MA's), (200, 24347), (214, 24302), (221, 24281), (280, 24074), (285, 24050), (290, 24026), (297, 24014), (321, 23906), (325, 23891),

Gene: P105_36 Start: 24343, Stop: 23396, Start Num: 135
Candidate Starts for P105_36:
(Start: 135 @24343 has 40 MA's), (198, 24034), (200, 24022), (214, 23977), (221, 23956), (280, 23749), (285, 23725), (290, 23701), (297, 23689), (321, 23581), (325, 23566),

Gene: P106A_36 Start: 24767, Stop: 23820, Start Num: 135
Candidate Starts for P106A_36:
(Start: 127 @24794 has 1 MA's), (Start: 135 @24767 has 40 MA's), (198, 24458), (200, 24446), (214, 24401), (221, 24380), (280, 24173), (285, 24149), (290, 24125), (297, 24113), (321, 24005), (325, 23990),

Gene: P106C_37 Start: 24683, Stop: 23736, Start Num: 135
Candidate Starts for P106C_37:
(Start: 127 @24710 has 1 MA's), (Start: 135 @24683 has 40 MA's), (198, 24374), (200, 24362), (214, 24317), (221, 24296), (280, 24089), (285, 24065), (290, 24041), (297, 24029), (321, 23921), (325, 23906),

Gene: P106I_36 Start: 24512, Stop: 23565, Start Num: 135
Candidate Starts for P106I_36:
(Start: 127 @24539 has 1 MA's), (Start: 135 @24512 has 40 MA's), (198, 24203), (200, 24191), (214, 24146), (221, 24125), (280, 23918), (285, 23894), (290, 23870), (297, 23858), (321, 23750), (325, 23735),

Gene: P106L_36 Start: 24683, Stop: 23736, Start Num: 135
Candidate Starts for P106L_36:
(Start: 127 @24710 has 1 MA's), (Start: 135 @24683 has 40 MA's), (198, 24374), (200, 24362), (214, 24317), (221, 24296), (280, 24089), (285, 24065), (290, 24041), (297, 24029), (321, 23921), (325, 23906),

Gene: P106M_36 Start: 24683, Stop: 23736, Start Num: 135
Candidate Starts for P106M_36:
(Start: 127 @24710 has 1 MA's), (Start: 135 @24683 has 40 MA's), (198, 24374), (200, 24362), (214, 24317), (221, 24296), (280, 24089), (285, 24065), (290, 24041), (297, 24029), (321, 23921), (325, 23906),

Gene: P107A_36 Start: 24707, Stop: 23766, Start Num: 135
Candidate Starts for P107A_36:
(Start: 127 @24728 has 1 MA's), (Start: 135 @24707 has 40 MA's), (198, 24398), (200, 24386), (214, 24341), (246, 24224), (280, 24113), (285, 24089), (290, 24065), (297, 24053), (321, 23945), (325, 23930), (330, 23903),

Gene: P107C_36 Start: 24634, Stop: 23693, Start Num: 134
Candidate Starts for P107C_36:
(Start: 134 @24634 has 4 MA's), (198, 24325), (200, 24313), (214, 24268), (236, 24193), (280, 24040), (281, 24034), (285, 24016), (290, 23992), (297, 23980), (321, 23872), (325, 23857), (334, 23812),

Gene: P108C_36 Start: 24664, Stop: 23717, Start Num: 135
Candidate Starts for P108C_36:
(49, 24850), (106, 24748), (Start: 127 @24685 has 1 MA's), (Start: 135 @24664 has 40 MA's), (200, 24343), (214, 24298), (221, 24277), (280, 24070), (285, 24046), (290, 24022), (297, 24010), (321, 23902), (325, 23887),

Gene: P14.4_36 Start: 24676, Stop: 23729, Start Num: 135
Candidate Starts for P14.4_36:
(65, 24820), (Start: 127 @24697 has 1 MA's), (Start: 135 @24676 has 40 MA's), (200, 24355), (214, 24310), (221, 24289), (280, 24082), (285, 24058), (297, 24022), (321, 23914), (325, 23899),

Gene: P28Green_77 Start: 44052, Stop: 43237, Start Num: 110
Candidate Starts for P28Green_77:
(24, 44232), (Start: 110 @44052 has 232 MA's), (Start: 123 @44025 has 7 MA's), (Start: 158 @43869 has 1 MA's), (166, 43845), (173, 43818), (178, 43800), (253, 43599), (260, 43575), (271, 43551), (302, 43431), (307, 43413), (314, 43383), (338, 43269), (342, 43245),

Gene: P9.1_36 Start: 24701, Stop: 23754, Start Num: 135
Candidate Starts for P9.1_36:
(106, 24791), (Start: 127 @24728 has 1 MA's), (Start: 135 @24701 has 40 MA's), (198, 24392), (200, 24380), (214, 24335), (215, 24332), (221, 24314), (275, 24143), (280, 24107), (285, 24083), (297, 24047), (321, 23939), (325, 23924),

Gene: PA6_37 Start: 24666, Stop: 23719, Start Num: 135
Candidate Starts for PA6_37:
(49, 24858), (65, 24816), (Start: 127 @24693 has 1 MA's), (Start: 135 @24666 has 40 MA's), (200, 24345), (214, 24300), (215, 24297), (221, 24279), (275, 24108), (280, 24072), (285, 24048), (290, 24024), (297, 24012), (321, 23904), (325, 23889),

Gene: PAD20_37 Start: 24432, Stop: 23503, Start Num: 135
Candidate Starts for PAD20_37:
(65, 24576), (Start: 127 @24453 has 1 MA's), (Start: 135 @24432 has 40 MA's), (200, 24111), (214, 24066), (215, 24063), (221, 24045), (280, 23838), (285, 23814), (297, 23778), (321, 23670), (325, 23655),

Gene: PAS50_37 Start: 24680, Stop: 23649, Start Num: 135

Candidate Starts for PAS50_37:
(Start: 135 @24680 has 40 MA's), (200, 24359), (214, 24314), (215, 24311), (221, 24293), (275, 24122), (280, 24086), (285, 24062), (290, 24038), (297, 24026), (321, 23918), (325, 23903),

Gene: PGHhamlin_79 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for PGHhamlin_79:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: PHL010M04_36 Start: 24666, Stop: 23728, Start Num: 134
Candidate Starts for PHL010M04_36:
(Start: 134 @24666 has 4 MA's), (186, 24420), (198, 24357), (200, 24345), (280, 24072), (281, 24066), (285, 24048), (290, 24024), (297, 24012), (321, 23904), (325, 23889),

Gene: PHL037M02_36 Start: 24666, Stop: 23719, Start Num: 135
Candidate Starts for PHL037M02_36:
(Start: 127 @24687 has 1 MA's), (Start: 135 @24666 has 40 MA's), (198, 24357), (200, 24345), (214, 24300), (280, 24072), (281, 24066), (285, 24048), (290, 24024), (297, 24012), (321, 23904), (325, 23889),

Gene: PHL060L00_36 Start: 24512, Stop: 23571, Start Num: 135
Candidate Starts for PHL060L00_36:
(Start: 127 @24533 has 1 MA's), (Start: 135 @24512 has 40 MA's), (198, 24203), (200, 24191), (214, 24146), (221, 24125), (280, 23918), (281, 23912), (285, 23894), (290, 23870), (321, 23750), (325, 23735),

Gene: PHL067M10_36 Start: 24630, Stop: 23683, Start Num: 135
Candidate Starts for PHL067M10_36:
(Start: 135 @24630 has 40 MA's), (200, 24309), (214, 24264), (221, 24243), (275, 24072), (280, 24036), (285, 24012), (290, 23988), (297, 23976), (321, 23868), (325, 23853),

Gene: PHL071N05_36 Start: 24696, Stop: 23749, Start Num: 135
Candidate Starts for PHL071N05_36:
(49, 24882), (65, 24840), (Start: 127 @24717 has 1 MA's), (Start: 135 @24696 has 40 MA's), (200, 24375), (214, 24330), (221, 24309), (280, 24102), (285, 24078), (297, 24042), (321, 23934), (325, 23919),

Gene: PHL111M01_36 Start: 24390, Stop: 23449, Start Num: 135
Candidate Starts for PHL111M01_36:
(Start: 127 @24417 has 1 MA's), (Start: 135 @24390 has 40 MA's), (198, 24081), (200, 24069), (214, 24024), (221, 24003), (280, 23796), (285, 23772), (290, 23748), (297, 23736), (321, 23628), (325, 23613),

Gene: PHL112N00_36 Start: 24689, Stop: 23748, Start Num: 134
Candidate Starts for PHL112N00_36:
(Start: 134 @24689 has 4 MA's), (198, 24380), (200, 24368), (214, 24323), (236, 24248), (280, 24095), (281, 24089), (285, 24071), (290, 24047), (297, 24035), (321, 23927), (325, 23912), (334, 23867),

Gene: PHL113M01_36 Start: 24437, Stop: 23496, Start Num: 135
Candidate Starts for PHL113M01_36:
(24, 24728), (49, 24623), (65, 24581), (Start: 127 @24458 has 1 MA's), (Start: 135 @24437 has 40 MA's), (198, 24128), (200, 24116), (214, 24071), (221, 24050), (275, 23879), (280, 23843), (285,

23819), (290, 23795), (297, 23783), (321, 23675), (325, 23660),

Gene: PHL114L00_36 Start: 24626, Stop: 23688, Start Num: 135
Candidate Starts for PHL114L00_36:
(Start: 135 @24626 has 40 MA's), (198, 24317), (200, 24305), (214, 24260), (280, 24032), (281, 24026), (285, 24008), (290, 23984), (297, 23972), (321, 23864), (325, 23849),

Gene: PP_70 Start: 47737, Stop: 46928, Start Num: 110
Candidate Starts for PP_70:
(Start: 110 @47737 has 232 MA's), (Start: 138 @47641 has 1 MA's), (Start: 158 @47557 has 1 MA's), (164, 47542), (191, 47419), (214, 47347), (252, 47290), (254, 47284), (260, 47263), (264, 47254), (274, 47221), (284, 47161), (286, 47155), (287, 47149), (304, 47110), (320, 47050), (328, 47017), (342, 46936),

Gene: PSullivan_68 Start: 43301, Stop: 42483, Start Num: 84
Candidate Starts for PSullivan_68:
(Start: 72 @43319 has 2 MA's), (Start: 84 @43301 has 45 MA's), (Start: 98 @43289 has 245 MA's), (133, 43205), (Start: 138 @43187 has 1 MA's), (144, 43145), (Start: 146 @43136 has 1 MA's), (152, 43121), (196, 42935), (212, 42890), (260, 42800), (262, 42794), (271, 42779), (274, 42773), (283, 42722), (286, 42707), (300, 42671), (302, 42662), (324, 42581), (338, 42515), (339, 42509), (342, 42491),

Gene: PacerPaul_69 Start: 44505, Stop: 43693, Start Num: 95
Candidate Starts for PacerPaul_69:
(55, 44562), (Start: 95 @44505 has 6 MA's), (Start: 130 @44436 has 19 MA's), (Start: 146 @44355 has 1 MA's), (152, 44340), (161, 44304), (166, 44280), (190, 44178), (196, 44145), (245, 44049), (260, 44010), (273, 43986), (283, 43932), (302, 43872), (324, 43791), (338, 43725), (339, 43719), (342, 43701),

Gene: PackMan_74 Start: 43671, Stop: 42829, Start Num: 98
Candidate Starts for PackMan_74:
(Start: 98 @43671 has 245 MA's), (Start: 103 @43665 has 2 MA's), (Start: 130 @43602 has 19 MA's), (Start: 138 @43572 has 1 MA's), (151, 43509), (206, 43293), (260, 43161), (261, 43158), (262, 43155), (285, 43068), (302, 43020), (338, 42858),

Gene: PainterBoy_77 Start: 44857, Stop: 43937, Start Num: 98
Candidate Starts for PainterBoy_77:
(Start: 98 @44857 has 245 MA's), (Start: 138 @44764 has 1 MA's), (160, 44674), (199, 44500), (260, 44266), (261, 44263), (284, 44179), (302, 44128), (310, 44092),

Gene: Palestino_67 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Palestino_67:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Panamaxus_69 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for Panamaxus_69:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: Papez_73 Start: 45858, Stop: 45034, Start Num: 77
Candidate Starts for Papez_73:

(60, 45891), (Start: 77 @45858 has 47 MA's), (Start: 98 @45840 has 245 MA's), (133, 45756), (Start: 138 @45738 has 1 MA's), (Start: 146 @45687 has 1 MA's), (152, 45672), (198, 45477), (212, 45441), (260, 45351), (262, 45345), (271, 45330), (273, 45327), (274, 45324), (283, 45273), (286, 45258), (300, 45222), (302, 45213), (324, 45132), (338, 45066), (339, 45060), (342, 45042),

Gene: Paphu_67 Start: 44203, Stop: 43379, Start Num: 77
Candidate Starts for Paphu_67:
(60, 44236), (Start: 77 @44203 has 47 MA's), (Start: 98 @44185 has 245 MA's), (133, 44101), (Start: 138 @44083 has 1 MA's), (Start: 146 @44032 has 1 MA's), (152, 44017), (196, 43831), (212, 43786), (260, 43696), (262, 43690), (271, 43675), (274, 43669), (283, 43618), (286, 43603), (300, 43567), (302, 43558), (314, 43522), (324, 43477), (338, 43411), (339, 43405), (342, 43387),

Gene: Paraselene_69 Start: 44699, Stop: 43881, Start Num: 84
Candidate Starts for Paraselene_69:
(Start: 72 @44717 has 2 MA's), (Start: 84 @44699 has 45 MA's), (Start: 98 @44687 has 245 MA's), (133, 44603), (Start: 138 @44585 has 1 MA's), (Start: 146 @44534 has 1 MA's), (152, 44519), (196, 44333), (212, 44288), (260, 44198), (262, 44192), (271, 44177), (274, 44171), (283, 44120), (286, 44105), (300, 44069), (302, 44060), (324, 43979), (338, 43913), (339, 43907), (342, 43889),

Gene: Pari_73 Start: 43700, Stop: 42897, Start Num: 100
Candidate Starts for Pari_73:
(58, 43757), (Start: 100 @43700 has 31 MA's), (133, 43619), (Start: 138 @43601 has 1 MA's), (Start: 146 @43550 has 1 MA's), (196, 43349), (212, 43304), (260, 43214), (262, 43208), (271, 43193), (283, 43136), (286, 43121), (300, 43085), (302, 43076), (324, 42995), (338, 42929), (339, 42923), (342, 42905),

Gene: Parliament_69 Start: 45989, Stop: 45171, Start Num: 84
Candidate Starts for Parliament_69:
(52, 46052), (Start: 84 @45989 has 45 MA's), (Start: 98 @45977 has 245 MA's), (133, 45893), (Start: 138 @45875 has 1 MA's), (Start: 146 @45824 has 1 MA's), (152, 45809), (196, 45623), (212, 45578), (260, 45488), (262, 45482), (271, 45467), (274, 45461), (283, 45410), (286, 45395), (300, 45359), (302, 45350), (324, 45269), (338, 45203), (339, 45197), (342, 45179),

Gene: Partridge_55 Start: 39644, Stop: 38835, Start Num: 115
Candidate Starts for Partridge_55:
(Start: 115 @39644 has 35 MA's), (119, 39632), (128, 39596), (140, 39530), (Start: 142 @39524 has 1 MA's), (Start: 158 @39470 has 1 MA's), (164, 39455), (190, 39344), (278, 39119), (298, 39047), (299, 39044), (302, 39029), (324, 38948), (339, 38873),

Gene: PascalRango_67 Start: 43958, Stop: 43305, Start Num: 146
Candidate Starts for PascalRango_67:
(63, 44153), (64, 44150), (67, 44147), (Start: 130 @44039 has 19 MA's), (Start: 146 @43958 has 1 MA's), (152, 43943), (196, 43757), (260, 43622), (262, 43616), (271, 43601), (283, 43544), (286, 43529), (300, 43493), (302, 43484), (324, 43403), (338, 43337), (339, 43331), (342, 43313),

Gene: PattyP_71 Start: 45236, Stop: 44418, Start Num: 84
Candidate Starts for PattyP_71:
(Start: 72 @45254 has 2 MA's), (Start: 84 @45236 has 45 MA's), (Start: 98 @45224 has 245 MA's), (133, 45140), (Start: 138 @45122 has 1 MA's), (Start: 146 @45071 has 1 MA's), (152, 45056), (196, 44870), (212, 44825), (260, 44735), (262, 44729), (271, 44714), (274, 44708), (283, 44657), (286, 44642), (300, 44606), (302, 44597), (324, 44516), (338, 44450), (339, 44444), (342, 44426),

Gene: Pawn_75 Start: 43870, Stop: 43055, Start Num: 110

Candidate Starts for Pawn_75:
(24, 44047), (Start: 110 @43870 has 232 MA's), (Start: 138 @43780 has 1 MA's), (Start: 158 @43687 has 1 MA's), (166, 43663), (178, 43618), (253, 43417), (260, 43393), (281, 43318), (302, 43249), (338, 43087), (342, 43063),

Gene: Payneful_68 Start: 44244, Stop: 43420, Start Num: 77
Candidate Starts for Payneful_68:
(Start: 77 @44244 has 47 MA's), (Start: 98 @44226 has 245 MA's), (133, 44142), (Start: 138 @44124 has 1 MA's), (144, 44082), (Start: 146 @44073 has 1 MA's), (152, 44058), (196, 43872), (260, 43737), (262, 43731), (271, 43716), (283, 43659), (286, 43644), (300, 43608), (302, 43599), (314, 43563), (324, 43518), (338, 43452), (339, 43446), (342, 43428),

Gene: PeaceMeal1_66 Start: 42091, Stop: 41249, Start Num: 86
Candidate Starts for PeaceMeal1_66:
(25, 42250), (Start: 86 @42091 has 16 MA's), (92, 42079), (Start: 123 @42028 has 7 MA's), (Start: 158 @41881 has 1 MA's), (164, 41866), (261, 41584), (286, 41479), (288, 41470), (304, 41431), (320, 41371), (338, 41281), (342, 41257),

Gene: Peaches_66 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for Peaches_66:
(Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: Pelly_71 Start: 46158, Stop: 45355, Start Num: 100
Candidate Starts for Pelly_71:
(58, 46215), (Start: 100 @46158 has 31 MA's), (133, 46077), (Start: 138 @46059 has 1 MA's), (Start: 146 @46008 has 1 MA's), (152, 45993), (196, 45807), (212, 45762), (260, 45672), (262, 45666), (271, 45651), (274, 45645), (283, 45594), (286, 45579), (300, 45543), (302, 45534), (324, 45453), (338, 45387), (339, 45381), (342, 45363),

Gene: Pembroke_77 Start: 44050, Stop: 43235, Start Num: 110
Candidate Starts for Pembroke_77:
(24, 44230), (Start: 110 @44050 has 232 MA's), (Start: 123 @44023 has 7 MA's), (Start: 158 @43867 has 1 MA's), (166, 43843), (173, 43816), (178, 43798), (253, 43597), (260, 43573), (271, 43549), (302, 43429), (307, 43411), (314, 43381), (338, 43267), (342, 43243),

Gene: Penny1_77 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for Penny1_77:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: Pepe_66 Start: 42697, Stop: 41867, Start Num: 85
Candidate Starts for Pepe_66:
(Start: 41 @42781 has 1 MA's), (Start: 85 @42697 has 6 MA's), (Start: 98 @42685 has 245 MA's), (Start: 130 @42610 has 19 MA's), (Start: 146 @42529 has 1 MA's), (152, 42514), (161, 42478), (166, 42454), (196, 42319), (245, 42223), (273, 42160), (283, 42106), (302, 42046), (324, 41965), (338, 41899), (339, 41893), (342, 41875),

Gene: Percastrophe_66 Start: 34302, Stop: 33481, Start Num: 117
Candidate Starts for Percastrophe_66:

(Start: 117 @34302 has 14 MA's), (Start: 122 @34287 has 2 MA's), (147, 34164), (159, 34119), (162, 34107), (165, 34092), (171, 34071), (194, 33960), (201, 33930), (239, 33852), (259, 33792), (282, 33720), (294, 33678), (299, 33669), (312, 33621), (324, 33567),

Gene: Perplexer_67 Start: 43431, Stop: 42640, Start Num: 110
Candidate Starts for Perplexer_67:
(Start: 110 @43431 has 232 MA's), (Start: 123 @43404 has 7 MA's), (Start: 158 @43257 has 1 MA's), (166, 43233), (253, 42987), (260, 42963), (283, 42885), (304, 42822), (338, 42672),

Gene: Perseus_66 Start: 45117, Stop: 44317, Start Num: 109
Candidate Starts for Perseus_66:
(30, 45279), (Start: 101 @45120 has 6 MA's), (Start: 109 @45117 has 19 MA's), (133, 45039), (Start: 138 @45021 has 1 MA's), (Start: 146 @44970 has 1 MA's), (152, 44955), (196, 44769), (212, 44724), (260, 44634), (262, 44628), (271, 44613), (274, 44607), (283, 44556), (286, 44541), (300, 44505), (302, 44496), (324, 44415), (338, 44349), (339, 44343), (342, 44325),

Gene: PeterPeter_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for PeterPeter_68:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Petersenfast_72 Start: 42806, Stop: 41991, Start Num: 98
Candidate Starts for Petersenfast_72:
(Start: 98 @42806 has 245 MA's), (139, 42701), (Start: 146 @42656 has 1 MA's), (161, 42614), (165, 42596), (173, 42563), (175, 42554), (190, 42488), (262, 42317), (283, 42245), (287, 42224), (302, 42185), (338, 42023),

Gene: Peterson_71 Start: 46001, Stop: 45183, Start Num: 77
Candidate Starts for Peterson_71:
(60, 46034), (Start: 77 @46001 has 47 MA's), (Start: 98 @45989 has 245 MA's), (133, 45905), (Start: 138 @45887 has 1 MA's), (Start: 146 @45836 has 1 MA's), (152, 45821), (196, 45635), (212, 45590), (260, 45500), (262, 45494), (271, 45479), (274, 45473), (283, 45422), (286, 45407), (300, 45371), (302, 45362), (324, 45281), (338, 45215), (339, 45209), (342, 45191),

Gene: PetiteSangsue_67 Start: 43434, Stop: 42643, Start Num: 110
Candidate Starts for PetiteSangsue_67:
(Start: 110 @43434 has 232 MA's), (Start: 123 @43407 has 7 MA's), (Start: 158 @43260 has 1 MA's), (166, 43236), (253, 42990), (260, 42966), (283, 42888), (284, 42879), (304, 42825), (338, 42675),

Gene: Petp2012_72 Start: 46035, Stop: 45199, Start Num: 72
Candidate Starts for Petp2012_72:
(Start: 72 @46035 has 2 MA's), (Start: 84 @46017 has 45 MA's), (Start: 98 @46005 has 245 MA's), (133, 45921), (Start: 138 @45903 has 1 MA's), (Start: 146 @45852 has 1 MA's), (152, 45837), (196, 45651), (212, 45606), (260, 45516), (262, 45510), (271, 45495), (274, 45489), (283, 45438), (286, 45423), (300, 45387), (302, 45378), (324, 45297), (338, 45231), (339, 45225), (342, 45207),

Gene: Petruchio_71 Start: 44066, Stop: 43230, Start Num: 69
Candidate Starts for Petruchio_71:
(Start: 69 @44066 has 6 MA's), (Start: 74 @44057 has 2 MA's), (Start: 82 @44048 has 8 MA's), (Start: 98 @44036 has 245 MA's), (133, 43952), (Start: 138 @43934 has 1 MA's), (Start: 146 @43883 has 1 MA's), (152, 43868), (196, 43682), (212, 43637), (260, 43547), (262, 43541), (271, 43526), (274, 43520), (283, 43469), (286, 43454), (300, 43418), (302, 43409), (324, 43328), (338, 43262), (339,

43256), (342, 43238),

Gene: PetterN_75 Start: 43812, Stop: 42997, Start Num: 90
Candidate Starts for PetterN_75:
(42, 43899), (Start: 90 @43812 has 50 MA's), (Start: 158 @43638 has 1 MA's), (175, 43578), (182, 43557), (194, 43488), (254, 43365), (263, 43335), (269, 43299), (274, 43290), (283, 43239), (284, 43230), (288, 43215), (294, 43200), (314, 43143), (320, 43119), (321, 43110), (338, 43029), (342, 43005),

Gene: Ph8s_78 Start: 44380, Stop: 43490, Start Num: 98
Candidate Starts for Ph8s_78:
(Start: 98 @44380 has 245 MA's), (119, 44359), (Start: 123 @44344 has 7 MA's), (Start: 124 @44335 has 6 MA's), (Start: 130 @44311 has 19 MA's), (Start: 138 @44281 has 1 MA's), (140, 44257), (161, 44188), (214, 43981), (241, 43873), (291, 43708), (294, 43702), (302, 43681), (338, 43519),

Gene: Phacado_68 Start: 43157, Stop: 42366, Start Num: 110
Candidate Starts for Phacado_68:
(21, 43370), (Start: 110 @43157 has 232 MA's), (Start: 123 @43130 has 7 MA's), (Start: 158 @42983 has 1 MA's), (166, 42959), (211, 42782), (252, 42716), (260, 42689), (271, 42668), (283, 42611), (284, 42602), (304, 42548), (338, 42398),

Gene: Phaded_69 Start: 45573, Stop: 44761, Start Num: 97
Candidate Starts for Phaded_69:
(56, 45636), (Start: 97 @45573 has 5 MA's), (Start: 104 @45567 has 2 MA's), (Start: 123 @45537 has 7 MA's), (Start: 130 @45504 has 19 MA's), (Start: 138 @45474 has 1 MA's), (161, 45381), (262, 45084), (302, 44952), (338, 44790),

Gene: Phaeder_75 Start: 43671, Stop: 42829, Start Num: 98
Candidate Starts for Phaeder_75:
(Start: 98 @43671 has 245 MA's), (Start: 103 @43665 has 2 MA's), (Start: 130 @43602 has 19 MA's), (Start: 138 @43572 has 1 MA's), (151, 43509), (206, 43293), (260, 43161), (261, 43158), (262, 43155), (285, 43068), (302, 43020), (338, 42858),

Gene: PhailMary_55 Start: 39667, Stop: 38858, Start Num: 115
Candidate Starts for PhailMary_55:
(Start: 115 @39667 has 35 MA's), (119, 39655), (128, 39619), (140, 39553), (Start: 142 @39547 has 1 MA's), (Start: 158 @39493 has 1 MA's), (164, 39478), (190, 39367), (278, 39142), (298, 39070), (299, 39067), (302, 39052), (324, 38971), (338, 38902),

Gene: Phantastic_73 Start: 43321, Stop: 42527, Start Num: 108
Candidate Starts for Phantastic_73:
(46, 43393), (Start: 108 @43321 has 55 MA's), (253, 42877), (260, 42853), (304, 42709), (338, 42559), (342, 42535),

Gene: Pharaoh_69 Start: 43775, Stop: 42885, Start Num: 98
Candidate Starts for Pharaoh_69:
(3, 44102), (5, 44084), (Start: 98 @43775 has 245 MA's), (Start: 123 @43745 has 7 MA's), (Start: 130 @43712 has 19 MA's), (Start: 138 @43682 has 1 MA's), (161, 43589), (227, 43352), (262, 43211), (284, 43130), (291, 43106), (302, 43076), (308, 43049), (338, 42914), (342, 42890),

Gene: Phelipe_69 Start: 43197, Stop: 42406, Start Num: 110
Candidate Starts for Phelipe_69:

(Start: 110 @43197 has 232 MA's), (Start: 123 @43170 has 7 MA's), (Start: 158 @43023 has 1 MA's), (211, 42822), (252, 42756), (260, 42729), (271, 42708), (283, 42651), (284, 42642), (304, 42588), (338, 42438),

Gene: PherrisBueller_71 Start: 43120, Stop: 42296, Start Num: 77
Candidate Starts for PherrisBueller_71:
(60, 43153), (Start: 77 @43120 has 47 MA's), (Start: 98 @43102 has 245 MA's), (133, 43018), (Start: 138 @43000 has 1 MA's), (Start: 146 @42949 has 1 MA's), (152, 42934), (196, 42748), (212, 42703), (260, 42613), (262, 42607), (271, 42592), (283, 42535), (286, 42520), (300, 42484), (302, 42475), (324, 42394), (338, 42328), (339, 42322), (342, 42304),

Gene: Phighter1804_68 Start: 43222, Stop: 42431, Start Num: 110
Candidate Starts for Phighter1804_68:
(Start: 110 @43222 has 232 MA's), (Start: 123 @43195 has 7 MA's), (Start: 158 @43048 has 1 MA's), (166, 43024), (211, 42847), (252, 42781), (260, 42754), (271, 42733), (283, 42676), (284, 42667), (304, 42613), (338, 42463),

Gene: Phillis_79 Start: 44113, Stop: 43196, Start Num: 90
Candidate Starts for Phillis_79:
(Start: 90 @44113 has 50 MA's), (133, 44038), (140, 43996), (141, 43993), (147, 43966), (149, 43957), (153, 43945), (187, 43783), (203, 43714), (215, 43681), (250, 43630), (261, 43531), (271, 43510), (283, 43453), (288, 43429), (291, 43420), (302, 43393), (342, 43204),

Gene: PhineBark_68 Start: 44132, Stop: 43308, Start Num: 77
Candidate Starts for PhineBark_68:
(Start: 77 @44132 has 47 MA's), (Start: 98 @44114 has 245 MA's), (133, 44030), (Start: 138 @44012 has 1 MA's), (144, 43970), (Start: 146 @43961 has 1 MA's), (152, 43946), (196, 43760), (260, 43625), (262, 43619), (271, 43604), (283, 43547), (286, 43532), (300, 43496), (302, 43487), (314, 43451), (324, 43406), (338, 43340), (339, 43334), (342, 43316),

Gene: PhishRPhriends_73 Start: 43047, Stop: 42232, Start Num: 110
Candidate Starts for PhishRPhriends_73:
(Start: 110 @43047 has 232 MA's), (147, 42903), (Start: 158 @42864 has 1 MA's), (173, 42813), (178, 42795), (253, 42594), (260, 42570), (281, 42495), (302, 42426), (307, 42408), (338, 42264), (342, 42240),

Gene: Phlei_60 Start: 42868, Stop: 42056, Start Num: 95
Candidate Starts for Phlei_60:
(Start: 95 @42868 has 6 MA's), (Start: 124 @42826 has 6 MA's), (Start: 130 @42802 has 19 MA's), (Start: 138 @42772 has 1 MA's), (Start: 146 @42721 has 1 MA's), (155, 42697), (159, 42685), (166, 42655), (194, 42529), (261, 42385), (262, 42382), (283, 42310), (291, 42277), (294, 42271), (314, 42202), (318, 42187), (324, 42157), (338, 42088),

Gene: Phlippers_66 Start: 44724, Stop: 43921, Start Num: 100
Candidate Starts for Phlippers_66:
(58, 44781), (Start: 100 @44724 has 31 MA's), (133, 44643), (Start: 138 @44625 has 1 MA's), (Start: 146 @44574 has 1 MA's), (152, 44559), (196, 44373), (212, 44328), (260, 44238), (262, 44232), (271, 44217), (274, 44211), (283, 44160), (286, 44145), (300, 44109), (302, 44100), (324, 44019), (338, 43953), (339, 43947), (342, 43929),

Gene: Phlorence_66 Start: 42617, Stop: 41802, Start Num: 90
Candidate Starts for Phlorence_66:

(Start: 90 @42617 has 50 MA's), (149, 42464), (Start: 158 @42443 has 1 MA's), (175, 42383), (182, 42362), (263, 42140), (283, 42044), (288, 42020), (296, 42002), (314, 41948), (320, 41924), (321, 41915), (338, 41834), (342, 41810),

Gene: Phoebe_78 Start: 44042, Stop: 43227, Start Num: 110
Candidate Starts for Phoebe_78:
(24, 44222), (Start: 110 @44042 has 232 MA's), (Start: 123 @44015 has 7 MA's), (Start: 158 @43859 has 1 MA's), (166, 43835), (173, 43808), (178, 43790), (253, 43589), (260, 43565), (271, 43541), (302, 43421), (307, 43403), (314, 43373), (338, 43259), (342, 43235),

Gene: Phonnegut_75 Start: 43741, Stop: 42899, Start Num: 98
Candidate Starts for Phonnegut_75:
(Start: 98 @43741 has 245 MA's), (Start: 103 @43735 has 2 MA's), (Start: 130 @43672 has 19 MA's), (Start: 138 @43642 has 1 MA's), (151, 43579), (206, 43363), (260, 43231), (261, 43228), (262, 43225), (285, 43138), (302, 43090), (338, 42928),

Gene: Phontbonne_68 Start: 43064, Stop: 42273, Start Num: 110
Candidate Starts for Phontbonne_68:
(Start: 110 @43064 has 232 MA's), (Start: 123 @43037 has 7 MA's), (Start: 158 @42890 has 1 MA's), (211, 42689), (252, 42623), (260, 42596), (271, 42575), (283, 42518), (284, 42509), (304, 42455), (338, 42305),

Gene: Phoxy_77 Start: 44074, Stop: 43259, Start Num: 110
Candidate Starts for Phoxy_77:
(24, 44254), (Start: 110 @44074 has 232 MA's), (Start: 123 @44047 has 7 MA's), (Start: 158 @43891 has 1 MA's), (166, 43867), (173, 43840), (178, 43822), (253, 43621), (260, 43597), (271, 43573), (302, 43453), (307, 43435), (314, 43405), (338, 43291), (342, 43267),

Gene: Phrankenstein_56 Start: 39291, Stop: 38482, Start Num: 115
Candidate Starts for Phrankenstein_56:
(Start: 115 @39291 has 35 MA's), (119, 39279), (140, 39177), (Start: 142 @39171 has 1 MA's), (Start: 158 @39117 has 1 MA's), (164, 39102), (190, 38991), (192, 38973), (278, 38766), (298, 38694), (299, 38691), (302, 38676), (324, 38595), (338, 38526), (339, 38520),

Gene: Phranny_73 Start: 43030, Stop: 42215, Start Num: 110
Candidate Starts for Phranny_73:
(Start: 110 @43030 has 232 MA's), (147, 42886), (Start: 158 @42847 has 1 MA's), (173, 42796), (178, 42778), (253, 42577), (260, 42553), (281, 42478), (302, 42409), (307, 42391), (338, 42247), (342, 42223),

Gene: Phroglets_37 Start: 36257, Stop: 35415, Start Num: 131
Candidate Starts for Phroglets_37:
(Start: 131 @36257 has 1 MA's), (167, 36095), (175, 36062), (177, 36053), (180, 36038), (238, 35870), (263, 35795), (267, 35783), (276, 35762), (290, 35693), (311, 35612), (315, 35594), (327, 35540), (340, 35462),

Gene: PhrostyMug_68 Start: 45134, Stop: 44331, Start Num: 101
Candidate Starts for PhrostyMug_68:
(30, 45293), (Start: 101 @45134 has 6 MA's), (Start: 109 @45131 has 19 MA's), (133, 45053), (Start: 138 @45035 has 1 MA's), (Start: 146 @44984 has 1 MA's), (152, 44969), (196, 44783), (212, 44738), (260, 44648), (262, 44642), (271, 44627), (274, 44621), (283, 44570), (286, 44555), (300, 44519), (302, 44510), (324, 44429), (338, 44363), (339, 44357), (342, 44339),

Gene: PickleBack_68 Start: 42794, Stop: 41979, Start Num: 90
Candidate Starts for PickleBack_68:
(Start: 90 @42794 has 50 MA's), (149, 42641), (Start: 158 @42620 has 1 MA's), (175, 42560), (182, 42539), (263, 42317), (283, 42221), (288, 42197), (296, 42179), (314, 42125), (320, 42101), (321, 42092), (338, 42011), (342, 41987),

Gene: PinkPlastic_68 Start: 43780, Stop: 42956, Start Num: 77
Candidate Starts for PinkPlastic_68:
(60, 43813), (Start: 77 @43780 has 47 MA's), (Start: 98 @43762 has 245 MA's), (133, 43678), (Start: 138 @43660 has 1 MA's), (Start: 146 @43609 has 1 MA's), (152, 43594), (196, 43408), (212, 43363), (260, 43273), (262, 43267), (271, 43252), (283, 43195), (286, 43180), (300, 43144), (302, 43135), (324, 43054), (338, 42988), (339, 42982), (342, 42964),

Gene: Pinto_69 Start: 43922, Stop: 43119, Start Num: 100
Candidate Starts for Pinto_69:
(58, 43979), (Start: 100 @43922 has 31 MA's), (Start: 138 @43823 has 1 MA's), (Start: 146 @43772 has 1 MA's), (152, 43757), (196, 43571), (212, 43526), (260, 43436), (262, 43430), (271, 43415), (274, 43409), (283, 43358), (286, 43343), (300, 43307), (302, 43298), (324, 43217), (338, 43151), (339, 43145), (342, 43127),

Gene: Pioneer_75 Start: 43735, Stop: 42899, Start Num: 103
Candidate Starts for Pioneer_75:
(Start: 98 @43741 has 245 MA's), (Start: 103 @43735 has 2 MA's), (Start: 130 @43672 has 19 MA's), (Start: 138 @43642 has 1 MA's), (151, 43579), (206, 43363), (260, 43231), (261, 43228), (262, 43225), (285, 43138), (302, 43090), (338, 42928),

Gene: Pipcraft_65 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Pipcraft_65:
(Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Pippin_69 Start: 43295, Stop: 42492, Start Num: 100
Candidate Starts for Pippin_69:
(58, 43352), (Start: 100 @43295 has 31 MA's), (133, 43214), (Start: 138 @43196 has 1 MA's), (Start: 146 @43145 has 1 MA's), (152, 43130), (196, 42944), (212, 42899), (260, 42809), (262, 42803), (271, 42788), (283, 42731), (286, 42716), (300, 42680), (302, 42671), (324, 42590), (338, 42524), (339, 42518), (342, 42500),

Gene: Pirate_36 Start: 24592, Stop: 23645, Start Num: 135
Candidate Starts for Pirate_36:
(49, 24778), (106, 24676), (Start: 127 @24613 has 1 MA's), (Start: 135 @24592 has 40 MA's), (200, 24271), (214, 24226), (221, 24205), (280, 23998), (285, 23974), (290, 23950), (297, 23938), (321, 23830), (325, 23815), (338, 23752),

Gene: Piro94_73 Start: 44329, Stop: 43514, Start Num: 98
Candidate Starts for Piro94_73:
(Start: 98 @44329 has 245 MA's), (Start: 130 @44260 has 19 MA's), (Start: 138 @44230 has 1 MA's), (155, 44155), (161, 44137), (261, 43843), (262, 43840), (302, 43705), (338, 43543),

Gene: Pistachio_71 Start: 43228, Stop: 42434, Start Num: 108
Candidate Starts for Pistachio_71:

(Start: 108 @43228 has 55 MA's), (159, 43048), (253, 42784), (286, 42661), (304, 42616), (338, 42466), (342, 42442),

Gene: Pita2_71 Start: 44816, Stop: 43980, Start Num: 72
Candidate Starts for Pita2_71:
(Start: 72 @44816 has 2 MA's), (Start: 84 @44798 has 45 MA's), (Start: 98 @44786 has 245 MA's), (133, 44702), (Start: 138 @44684 has 1 MA's), (144, 44642), (Start: 146 @44633 has 1 MA's), (152, 44618), (196, 44432), (212, 44387), (260, 44297), (262, 44291), (271, 44276), (274, 44270), (283, 44219), (286, 44204), (300, 44168), (302, 44159), (324, 44078), (338, 44012), (339, 44006), (342, 43988),

Gene: Pmask_75 Start: 43869, Stop: 43042, Start Num: 98
Candidate Starts for Pmask_75:
(Start: 98 @43869 has 245 MA's), (121, 43839), (Start: 130 @43797 has 19 MA's), (Start: 138 @43767 has 1 MA's), (Start: 146 @43716 has 1 MA's), (159, 43680), (166, 43650), (175, 43614), (192, 43530), (245, 43422), (261, 43368), (262, 43365), (283, 43293), (287, 43272), (288, 43269), (302, 43233), (338, 43071),

Gene: Pocahontas_70 Start: 43635, Stop: 42841, Start Num: 108
Candidate Starts for Pocahontas_70:
(Start: 108 @43635 has 55 MA's), (Start: 158 @43461 has 1 MA's), (253, 43191), (260, 43167), (304, 43023), (320, 42963), (338, 42873), (342, 42849),

Gene: Polymorphads_68 Start: 43178, Stop: 42387, Start Num: 110
Candidate Starts for Polymorphads_68:
(Start: 110 @43178 has 232 MA's), (Start: 123 @43151 has 7 MA's), (Start: 158 @43004 has 1 MA's), (211, 42803), (252, 42737), (260, 42710), (271, 42689), (283, 42632), (284, 42623), (304, 42569), (338, 42419),

Gene: Polyphemus_77 Start: 44053, Stop: 43226, Start Num: 98
Candidate Starts for Polyphemus_77:
(Start: 98 @44053 has 245 MA's), (121, 44023), (Start: 130 @43981 has 19 MA's), (Start: 138 @43951 has 1 MA's), (Start: 146 @43900 has 1 MA's), (159, 43864), (166, 43834), (175, 43798), (192, 43714), (245, 43606), (261, 43552), (262, 43549), (283, 43477), (287, 43456), (288, 43453), (302, 43417), (338, 43255),

Gene: Pomar16_76 Start: 44901, Stop: 44092, Start Num: 107
Candidate Starts for Pomar16_76:
(Start: 107 @44901 has 13 MA's), (Start: 123 @44871 has 7 MA's), (Start: 130 @44838 has 19 MA's), (Start: 138 @44808 has 1 MA's), (159, 44721), (166, 44691), (214, 44508), (262, 44418), (283, 44346), (287, 44325), (302, 44283), (303, 44280), (329, 44166), (331, 44154), (338, 44121),

Gene: Ponzi_36 Start: 20213, Stop: 19434, Start Num: 114
Candidate Starts for Ponzi_36:
(Start: 114 @20213 has 1 MA's), (Start: 158 @20039 has 1 MA's), (173, 19988), (243, 19793), (256, 19769), (313, 19580), (314, 19574), (317, 19565), (324, 19529), (328, 19517), (338, 19463),

Gene: Poompha_65 Start: 42089, Stop: 41247, Start Num: 86
Candidate Starts for Poompha_65:
(25, 42248), (Start: 86 @42089 has 16 MA's), (92, 42077), (Start: 123 @42026 has 7 MA's), (Start: 158 @41879 has 1 MA's), (164, 41864), (261, 41582), (286, 41477), (288, 41468), (304, 41429), (320, 41369), (338, 41279), (342, 41255),

Gene: Popcicle_71 Start: 43635, Stop: 42841, Start Num: 108
Candidate Starts for Popcicle_71:
(Start: 108 @43635 has 55 MA's), (Start: 158 @43461 has 1 MA's), (253, 43191), (260, 43167), (304, 43023), (320, 42963), (338, 42873), (342, 42849),

Gene: PotatoSplit_78 Start: 44053, Stop: 43238, Start Num: 110
Candidate Starts for PotatoSplit_78:
(24, 44233), (Start: 110 @44053 has 232 MA's), (Start: 123 @44026 has 7 MA's), (Start: 158 @43870 has 1 MA's), (166, 43846), (173, 43819), (178, 43801), (253, 43600), (260, 43576), (271, 43552), (302, 43432), (307, 43414), (314, 43384), (338, 43270), (342, 43246),

Gene: Power_73 Start: 44703, Stop: 43885, Start Num: 98
Candidate Starts for Power_73:
(Start: 98 @44703 has 245 MA's), (Start: 130 @44631 has 19 MA's), (Start: 138 @44601 has 1 MA's), (161, 44508), (175, 44448), (260, 44217), (286, 44124), (287, 44118), (302, 44076), (309, 44046), (331, 43947), (338, 43914),

Gene: PowerRanger_68 Start: 45206, Stop: 44382, Start Num: 77
Candidate Starts for PowerRanger_68:
(60, 45239), (Start: 77 @45206 has 47 MA's), (Start: 98 @45188 has 245 MA's), (133, 45104), (Start: 138 @45086 has 1 MA's), (Start: 146 @45035 has 1 MA's), (152, 45020), (196, 44834), (212, 44789), (260, 44699), (262, 44693), (271, 44678), (274, 44672), (283, 44621), (286, 44606), (300, 44570), (302, 44561), (324, 44480), (328, 44468), (338, 44414), (339, 44408), (342, 44390),

Gene: Priamo_77 Start: 43524, Stop: 42703, Start Num: 98
Candidate Starts for Priamo_77:
(Start: 98 @43524 has 245 MA's), (Start: 130 @43461 has 19 MA's), (Start: 146 @43380 has 1 MA's), (159, 43344), (161, 43338), (166, 43314), (192, 43194), (261, 43032), (262, 43029), (283, 42957), (286, 42942), (287, 42936), (291, 42924), (302, 42897), (314, 42849), (316, 42843), (338, 42735),

Gene: Prinashe11_66 Start: 42441, Stop: 41629, Start Num: 90
Candidate Starts for Prinashe11_66:
(Start: 90 @42441 has 50 MA's), (149, 42288), (Start: 158 @42267 has 1 MA's), (175, 42207), (182, 42186), (263, 41964), (283, 41871), (288, 41847), (296, 41829), (314, 41775), (320, 41751), (321, 41742), (342, 41637),

Gene: Priya_73 Start: 43468, Stop: 42626, Start Num: 98
Candidate Starts for Priya_73:
(Start: 98 @43468 has 245 MA's), (Start: 103 @43462 has 2 MA's), (Start: 130 @43399 has 19 MA's), (Start: 138 @43369 has 1 MA's), (151, 43306), (206, 43090), (260, 42958), (261, 42955), (262, 42952), (285, 42865), (302, 42817), (338, 42655),

Gene: ProMouse_74 Start: 44610, Stop: 43783, Start Num: 85
Candidate Starts for ProMouse_74:
(70, 44628), (Start: 85 @44610 has 6 MA's), (Start: 98 @44598 has 245 MA's), (Start: 130 @44526 has 19 MA's), (144, 44454), (Start: 146 @44445 has 1 MA's), (152, 44430), (161, 44394), (166, 44370), (190, 44268), (196, 44235), (245, 44139), (260, 44100), (273, 44076), (283, 44022), (302, 43962), (324, 43881), (338, 43815), (339, 43809), (342, 43791),

Gene: Procrass1_36 Start: 24619, Stop: 23876, Start Num: 135
Candidate Starts for Procrass1_36:
(65, 24763), (Start: 127 @24640 has 1 MA's), (Start: 135 @24619 has 40 MA's), (200, 24298), (214, 24253), (221, 24232), (280, 24025), (285, 24001), (297, 23965), (319, 23905),

Gene: Prudy_70 Start: 44463, Stop: 43570, Start Num: 98
Candidate Starts for Prudy_70:
(Start: 98 @44463 has 245 MA's), (Start: 130 @44385 has 19 MA's), (Start: 138 @44355 has 1 MA's), (161, 44262), (214, 44055), (287, 43803), (302, 43761), (338, 43599),

Gene: Pukovnik_70 Start: 45209, Stop: 44409, Start Num: 105
Candidate Starts for Pukovnik_70:
(Start: 105 @45209 has 4 MA's), (119, 45200), (121, 45194), (Start: 123 @45185 has 7 MA's), (Start: 124 @45176 has 6 MA's), (Start: 130 @45152 has 19 MA's), (Start: 138 @45122 has 1 MA's), (161, 45029), (262, 44732), (302, 44600), (338, 44438),

Gene: Pumbaa_68 Start: 43103, Stop: 42312, Start Num: 110
Candidate Starts for Pumbaa_68:
(21, 43316), (Start: 110 @43103 has 232 MA's), (Start: 123 @43076 has 7 MA's), (Start: 158 @42929 has 1 MA's), (166, 42905), (211, 42728), (252, 42662), (260, 42635), (271, 42614), (283, 42557), (284, 42548), (304, 42494), (338, 42344),

Gene: Puppet_67 Start: 45278, Stop: 44451, Start Num: 80
Candidate Starts for Puppet_67:
(Start: 68 @45296 has 1 MA's), (73, 45287), (Start: 80 @45278 has 2 MA's), (Start: 98 @45266 has 245 MA's), (Start: 130 @45194 has 19 MA's), (Start: 146 @45113 has 1 MA's), (152, 45098), (161, 45062), (166, 45038), (190, 44936), (196, 44903), (212, 44858), (245, 44807), (273, 44744), (283, 44690), (302, 44630), (324, 44549), (338, 44483), (339, 44477), (342, 44459),

Gene: Puppy_72 Start: 43300, Stop: 42506, Start Num: 108
Candidate Starts for Puppy_72:
(Start: 108 @43300 has 55 MA's), (159, 43120), (253, 42856), (286, 42733), (304, 42688), (338, 42538), (342, 42514),

Gene: PurpleHaze_76 Start: 43865, Stop: 43050, Start Num: 110
Candidate Starts for PurpleHaze_76:
(24, 44042), (Start: 110 @43865 has 232 MA's), (Start: 138 @43775 has 1 MA's), (Start: 158 @43682 has 1 MA's), (166, 43658), (178, 43613), (253, 43412), (260, 43388), (281, 43313), (302, 43244), (307, 43226), (338, 43082), (342, 43058),

Gene: QTRlifeCrisis_70 Start: 44454, Stop: 43636, Start Num: 84
Candidate Starts for QTRlifeCrisis_70:
(Start: 72 @44472 has 2 MA's), (Start: 84 @44454 has 45 MA's), (Start: 98 @44442 has 245 MA's), (133, 44358), (Start: 138 @44340 has 1 MA's), (Start: 146 @44289 has 1 MA's), (152, 44274), (196, 44088), (260, 43953), (262, 43947), (271, 43932), (274, 43926), (283, 43875), (286, 43860), (300, 43824), (302, 43815), (324, 43734), (338, 43668), (339, 43662), (342, 43644),

Gene: Qobbit_73 Start: 43430, Stop: 42588, Start Num: 98
Candidate Starts for Qobbit_73:
(Start: 98 @43430 has 245 MA's), (Start: 103 @43424 has 2 MA's), (Start: 130 @43361 has 19 MA's), (Start: 138 @43331 has 1 MA's), (151, 43268), (206, 43052), (260, 42920), (261, 42917), (262, 42914), (285, 42827), (302, 42779), (338, 42617),

Gene: QueenB2_71 Start: 43986, Stop: 43168, Start Num: 98
Candidate Starts for QueenB2_71:
(Start: 98 @43986 has 245 MA's), (Start: 130 @43914 has 19 MA's), (Start: 138 @43884 has 1 MA's), (161, 43791), (241, 43554), (260, 43500), (286, 43407), (287, 43401), (302, 43359), (309, 43329),

(331, 43230), (338, 43197),

Gene: QueenBeesly_74 Start: 44660, Stop: 43842, Start Num: 98
Candidate Starts for QueenBeesly_74:
(Start: 98 @44660 has 245 MA's), (Start: 130 @44588 has 19 MA's), (Start: 138 @44558 has 1 MA's), (161, 44465), (175, 44405), (260, 44174), (286, 44081), (287, 44075), (302, 44033), (309, 44003), (331, 43904), (338, 43871),

Gene: QueenBey_36 Start: 24644, Stop: 23697, Start Num: 135
Candidate Starts for QueenBey_36:
(49, 24830), (65, 24788), (106, 24728), (Start: 127 @24665 has 1 MA's), (Start: 135 @24644 has 40 MA's), (198, 24335), (200, 24323), (214, 24278), (280, 24050), (285, 24026), (297, 23990), (321, 23882), (325, 23867),

Gene: QuinnKiro_70 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for QuinnKiro_70:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: Quokka_75 Start: 43779, Stop: 42910, Start Num: 98
Candidate Starts for Quokka_75:
(Start: 98 @43779 has 245 MA's), (Start: 124 @43734 has 6 MA's), (140, 43656), (147, 43626), (161, 43587), (283, 43161), (287, 43140), (302, 43101), (338, 42939),

Gene: RER2_49 Start: 36217, Stop: 35408, Start Num: 115
Candidate Starts for RER2_49:
(Start: 115 @36217 has 35 MA's), (119, 36205), (140, 36103), (Start: 142 @36097 has 1 MA's), (Start: 158 @36043 has 1 MA's), (164, 36028), (190, 35917), (192, 35899), (278, 35692), (298, 35620), (299, 35617), (302, 35602), (324, 35521), (338, 35452), (339, 35446),

Gene: RGL3_49 Start: 36886, Stop: 36197, Start Num: 142
Candidate Starts for RGL3_49:
(Start: 115 @37006 has 35 MA's), (Start: 123 @36979 has 7 MA's), (137, 36925), (Start: 142 @36886 has 1 MA's), (Start: 158 @36832 has 1 MA's), (164, 36817), (192, 36688), (214, 36622), (256, 36559), (260, 36538), (274, 36505), (278, 36481), (283, 36454), (302, 36391), (324, 36310), (341, 36220),

Gene: Rachaly_69 Start: 43790, Stop: 42975, Start Num: 98
Candidate Starts for Rachaly_69:
(Start: 98 @43790 has 245 MA's), (Start: 130 @43721 has 19 MA's), (Start: 138 @43691 has 1 MA's), (161, 43598), (261, 43304), (262, 43301), (286, 43214), (302, 43166), (338, 43004),

Gene: Rahalelujah_75 Start: 43604, Stop: 42768, Start Num: 98
Candidate Starts for Rahalelujah_75:
(Start: 98 @43604 has 245 MA's), (Start: 123 @43574 has 7 MA's), (Start: 130 @43541 has 19 MA's), (Start: 138 @43511 has 1 MA's), (Start: 146 @43460 has 1 MA's), (151, 43448), (161, 43418), (192, 43274), (194, 43268), (206, 43232), (245, 43151), (261, 43097), (262, 43094), (285, 43007), (302, 42959), (320, 42887),

Gene: Raid_68 Start: 44292, Stop: 43462, Start Num: 79
Candidate Starts for Raid_68:
(33, 44412), (48, 44358), (Start: 79 @44292 has 1 MA's), (Start: 98 @44280 has 245 MA's), (125, 44226), (Start: 130 @44205 has 19 MA's), (Start: 146 @44124 has 1 MA's), (152, 44109), (161, 44073), (166, 44049), (190, 43947), (198, 43905), (212, 43869), (245, 43818), (260, 43779), (273,

43755), (283, 43701), (302, 43641), (324, 43560), (338, 43494), (339, 43488), (342, 43470),

Gene: Rajelicia_70 Start: 45698, Stop: 44895, Start Num: 100
Candidate Starts for Rajelicia_70:
(58, 45755), (Start: 100 @45698 has 31 MA's), (133, 45617), (Start: 138 @45599 has 1 MA's), (Start: 146 @45548 has 1 MA's), (152, 45533), (198, 45338), (212, 45302), (260, 45212), (262, 45206), (271, 45191), (274, 45185), (283, 45134), (286, 45119), (300, 45083), (302, 45074), (324, 44993), (338, 44927), (339, 44921), (342, 44903),

Gene: Rasputin_56 Start: 39315, Stop: 38506, Start Num: 115
Candidate Starts for Rasputin_56:
(Start: 115 @39315 has 35 MA's), (119, 39303), (140, 39201), (Start: 142 @39195 has 1 MA's), (Start: 158 @39141 has 1 MA's), (164, 39126), (190, 39015), (192, 38997), (278, 38790), (298, 38718), (299, 38715), (302, 38700), (324, 38619), (338, 38550), (339, 38544),

Gene: Ravana_83 Start: 45963, Stop: 45160, Start Num: 123
Candidate Starts for Ravana_83:
(Start: 98 @46011 has 245 MA's), (Start: 103 @46005 has 2 MA's), (Start: 123 @45963 has 7 MA's), (Start: 130 @45930 has 19 MA's), (Start: 138 @45900 has 1 MA's), (161, 45807), (287, 45396), (288, 45393), (302, 45354), (338, 45192),

Gene: ReMo_80 Start: 44748, Stop: 43900, Start Num: 98
Candidate Starts for ReMo_80:
(Start: 98 @44748 has 245 MA's), (Start: 103 @44742 has 2 MA's), (Start: 123 @44700 has 7 MA's), (Start: 130 @44667 has 19 MA's), (Start: 138 @44637 has 1 MA's), (161, 44544), (243, 44280), (261, 44232), (287, 44133), (288, 44130), (302, 44091),

Gene: Reba_72 Start: 42703, Stop: 41888, Start Num: 110
Candidate Starts for Reba_72:
(Start: 110 @42703 has 232 MA's), (147, 42559), (Start: 158 @42520 has 1 MA's), (173, 42469), (178, 42451), (253, 42250), (260, 42226), (281, 42151), (302, 42082), (307, 42064), (338, 41920), (342, 41896),

Gene: Rebeuca_69 Start: 43393, Stop: 42566, Start Num: 86
Candidate Starts for Rebeuca_69:
(25, 43552), (Start: 86 @43393 has 16 MA's), (Start: 158 @43183 has 1 MA's), (164, 43168), (260, 42889), (283, 42811), (304, 42748), (320, 42688), (342, 42574),

Gene: RedRock_72 Start: 44719, Stop: 43811, Start Num: 98
Candidate Starts for RedRock_72:
(31, 44854), (Start: 98 @44719 has 245 MA's), (Start: 130 @44650 has 19 MA's), (Start: 138 @44620 has 1 MA's), (161, 44527), (218, 44308), (232, 44266), (245, 44194), (261, 44140), (262, 44137), (287, 44044), (291, 44032), (302, 44002),

Gene: Refuge_71 Start: 44923, Stop: 44108, Start Num: 102
Candidate Starts for Refuge_71:
(Start: 102 @44923 has 2 MA's), (Start: 130 @44854 has 19 MA's), (Start: 138 @44824 has 1 MA's), (151, 44761), (155, 44749), (159, 44737), (166, 44707), (204, 44551), (256, 44461), (262, 44434), (274, 44413), (287, 44341), (302, 44299), (338, 44137), (342, 44113),

Gene: Relief_67 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Relief_67:

(Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Remus_82 Start: 44678, Stop: 43827, Start Num: 98
Candidate Starts for Remus_82:
(Start: 98 @44678 has 245 MA's), (Start: 103 @44672 has 2 MA's), (Start: 123 @44630 has 7 MA's), (Start: 130 @44597 has 19 MA's), (Start: 138 @44567 has 1 MA's), (161, 44474), (287, 44063), (288, 44060), (302, 44021), (338, 43859),

Gene: ResDef_69 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for ResDef_69:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: RetrieverFever_62 Start: 33698, Stop: 32811, Start Num: 74
Candidate Starts for RetrieverFever_62:
(Start: 71 @33704 has 4 MA's), (Start: 74 @33698 has 2 MA's), (93, 33671), (Start: 117 @33638 has 14 MA's), (Start: 122 @33623 has 2 MA's), (169, 33413), (196, 33287), (239, 33188), (257, 33143), (277, 33068), (282, 33044), (283, 33041), (324, 32897),

Gene: Retro23_74 Start: 44390, Stop: 43572, Start Num: 98
Candidate Starts for Retro23_74:
(4, 44729), (9, 44702), (10, 44699), (12, 44690), (Start: 98 @44390 has 245 MA's), (Start: 130 @44318 has 19 MA's), (Start: 138 @44288 has 1 MA's), (161, 44195), (286, 43811), (287, 43805), (302, 43763), (309, 43733),

Gene: RexFury_55 Start: 39373, Stop: 38567, Start Num: 115
Candidate Starts for RexFury_55:
(Start: 115 @39373 has 35 MA's), (119, 39364), (128, 39328), (Start: 138 @39286 has 1 MA's), (140, 39262), (Start: 142 @39256 has 1 MA's), (Start: 158 @39202 has 1 MA's), (164, 39187), (190, 39076), (238, 38968), (278, 38851), (283, 38824), (298, 38779), (299, 38776), (302, 38761), (324, 38680), (339, 38605),

Gene: Rhodalysa_56 Start: 39345, Stop: 38536, Start Num: 115
Candidate Starts for Rhodalysa_56:
(Start: 115 @39345 has 35 MA's), (119, 39333), (140, 39231), (Start: 142 @39225 has 1 MA's), (Start: 158 @39171 has 1 MA's), (164, 39156), (190, 39045), (192, 39027), (278, 38820), (298, 38748), (299, 38745), (302, 38730), (324, 38649), (338, 38580), (339, 38574),

Gene: RhynO_67 Start: 42808, Stop: 41864, Start Num: 35
Candidate Starts for RhynO_67:
(23, 42862), (Start: 35 @42808 has 1 MA's), (45, 42763), (Start: 86 @42694 has 16 MA's), (Start: 158 @42481 has 1 MA's), (164, 42466), (260, 42187), (304, 42046), (320, 41986), (338, 41896), (342, 41872),

Gene: Rhynn_65 Start: 43283, Stop: 42480, Start Num: 100
Candidate Starts for Rhynn_65:
(58, 43340), (Start: 100 @43283 has 31 MA's), (133, 43202), (Start: 138 @43184 has 1 MA's), (Start: 146 @43133 has 1 MA's), (152, 43118), (196, 42932), (212, 42887), (260, 42797), (262, 42791), (271, 42776), (283, 42719), (286, 42704), (300, 42668), (302, 42659), (324, 42578), (338, 42512), (339, 42506), (342, 42488),

Gene: Rideau_67 Start: 34298, Stop: 33459, Start Num: 117
Candidate Starts for Rideau_67:
(Start: 117 @34298 has 14 MA's), (Start: 122 @34283 has 2 MA's), (147, 34160), (165, 34088), (171, 34067), (181, 34028), (201, 33926), (237, 33854), (239, 33848), (282, 33698), (299, 33647),

Gene: RidgeCB_69 Start: 43874, Stop: 43056, Start Num: 84
Candidate Starts for RidgeCB_69:
(Start: 72 @43892 has 2 MA's), (Start: 84 @43874 has 45 MA's), (Start: 98 @43862 has 245 MA's), (133, 43778), (Start: 138 @43760 has 1 MA's), (Start: 146 @43709 has 1 MA's), (152, 43694), (198, 43499), (212, 43463), (260, 43373), (262, 43367), (271, 43352), (274, 43346), (283, 43295), (286, 43280), (300, 43244), (302, 43235), (324, 43154), (338, 43088), (339, 43082), (342, 43064),

Gene: Rifter_76 Start: 42555, Stop: 41734, Start Num: 98
Candidate Starts for Rifter_76:
(22, 42768), (Start: 98 @42555 has 245 MA's), (Start: 130 @42492 has 19 MA's), (Start: 138 @42462 has 1 MA's), (159, 42375), (161, 42369), (166, 42345), (245, 42117), (283, 41988), (287, 41967), (288, 41964), (291, 41955), (302, 41928), (338, 41766),

Gene: Rileysaurus_35 Start: 24688, Stop: 23750, Start Num: 135
Candidate Starts for Rileysaurus_35:
(49, 24874), (106, 24772), (Start: 127 @24709 has 1 MA's), (Start: 135 @24688 has 40 MA's), (198, 24379), (200, 24367), (214, 24322), (215, 24319), (280, 24094), (285, 24070), (290, 24046), (297, 24034), (321, 23926), (325, 23911), (330, 23884),

Gene: Ringer_72 Start: 45986, Stop: 45162, Start Num: 77
Candidate Starts for Ringer_72:
(Start: 77 @45986 has 47 MA's), (Start: 98 @45968 has 245 MA's), (133, 45884), (Start: 138 @45866 has 1 MA's), (Start: 146 @45815 has 1 MA's), (152, 45800), (196, 45614), (212, 45569), (260, 45479), (262, 45473), (271, 45458), (274, 45452), (283, 45401), (286, 45386), (300, 45350), (302, 45341), (324, 45260), (338, 45194), (339, 45188), (342, 45170),

Gene: Roary_84 Start: 45220, Stop: 44480, Start Num: 130
Candidate Starts for Roary_84:
(Start: 90 @45283 has 50 MA's), (Start: 130 @45220 has 19 MA's), (147, 45136), (156, 45109), (175, 45049), (196, 44950), (241, 44869), (247, 44851), (262, 44809), (270, 44791), (272, 44788), (287, 44716), (288, 44713), (302, 44674), (320, 44602), (324, 44581), (342, 44488),

Gene: RockieBear_68 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for RockieBear_68:
(Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Rocksand_65 Start: 43154, Stop: 42363, Start Num: 110
Candidate Starts for Rocksand_65:
(21, 43367), (Start: 110 @43154 has 232 MA's), (Start: 123 @43127 has 7 MA's), (Start: 158 @42980 has 1 MA's), (166, 42956), (211, 42779), (252, 42713), (260, 42686), (271, 42665), (283, 42608), (284, 42599), (304, 42545), (338, 42395),

Gene: Rockstar_70 Start: 43147, Stop: 42350, Start Num: 108
Candidate Starts for Rockstar_70:
(46, 43219), (Start: 108 @43147 has 55 MA's), (133, 43072), (260, 42676), (283, 42592), (304, 42532), (338, 42382), (342, 42358),

Gene: Rohr_70 Start: 45174, Stop: 44374, Start Num: 109
Candidate Starts for Rohr_70:
(Start: 109 @45174 has 19 MA's), (133, 45096), (Start: 138 @45078 has 1 MA's), (Start: 146 @45027 has 1 MA's), (152, 45012), (196, 44826), (212, 44781), (260, 44691), (262, 44685), (271, 44670), (274, 44664), (283, 44613), (286, 44598), (300, 44562), (302, 44553), (324, 44472), (338, 44406), (339, 44400), (342, 44382),

Gene: Roimos_69 Start: 43520, Stop: 42726, Start Num: 108
Candidate Starts for Roimos_69:
(Start: 108 @43520 has 55 MA's), (260, 43052), (283, 42968), (304, 42908), (338, 42758),

Gene: Roksolana_76 Start: 43289, Stop: 42468, Start Num: 98
Candidate Starts for Roksolana_76:
(22, 43502), (Start: 98 @43289 has 245 MA's), (Start: 130 @43226 has 19 MA's), (Start: 138 @43196 has 1 MA's), (159, 43109), (161, 43103), (166, 43079), (245, 42851), (283, 42722), (287, 42701), (288, 42698), (291, 42689), (302, 42662), (338, 42500),

Gene: Romero_66 Start: 34361, Stop: 33540, Start Num: 117
Candidate Starts for Romero_66:
(Start: 117 @34361 has 14 MA's), (Start: 122 @34346 has 2 MA's), (147, 34223), (159, 34178), (162, 34166), (165, 34151), (171, 34130), (194, 34019), (201, 33989), (239, 33911), (282, 33779), (294, 33737), (299, 33728), (312, 33680), (324, 33626),

Gene: Romney_67 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Romney_67:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Roosevelt_66 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Roosevelt_66:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Rosa24_65 Start: 43189, Stop: 42398, Start Num: 110
Candidate Starts for Rosa24_65:
(Start: 110 @43189 has 232 MA's), (Start: 123 @43162 has 7 MA's), (Start: 158 @43015 has 1 MA's), (166, 42991), (211, 42814), (252, 42748), (260, 42721), (271, 42700), (283, 42643), (284, 42634), (304, 42580), (338, 42430),

Gene: Rosalind_80 Start: 44572, Stop: 43724, Start Num: 98
Candidate Starts for Rosalind_80:
(Start: 98 @44572 has 245 MA's), (Start: 103 @44566 has 2 MA's), (Start: 123 @44524 has 7 MA's), (Start: 130 @44491 has 19 MA's), (Start: 138 @44461 has 1 MA's), (161, 44368), (243, 44104), (261, 44056), (287, 43957), (288, 43954), (302, 43915),

Gene: RosePharie_65 Start: 33971, Stop: 33150, Start Num: 117
Candidate Starts for RosePharie_65:
(Start: 71 @34040 has 4 MA's), (Start: 117 @33971 has 14 MA's), (165, 33761), (169, 33746), (201, 33599), (237, 33527), (259, 33461), (279, 33404), (282, 33389), (299, 33338), (305, 33323), (323, 33239), (324, 33236),

Gene: Rowdy_70 Start: 43100, Stop: 42276, Start Num: 86
Candidate Starts for Rowdy_70:
(25, 43259), (Start: 86 @43100 has 16 MA's), (Start: 158 @42893 has 1 MA's), (164, 42878), (254, 42620), (260, 42599), (268, 42581), (283, 42521), (304, 42458), (320, 42398), (331, 42341), (338, 42308), (342, 42284),

Gene: Rubeus_68 Start: 41676, Stop: 40876, Start Num: 108
Candidate Starts for Rubeus_68:
(Start: 108 @41676 has 55 MA's), (133, 41598), (Start: 138 @41580 has 1 MA's), (Start: 146 @41529 has 1 MA's), (152, 41514), (196, 41328), (212, 41283), (260, 41193), (262, 41187), (271, 41172), (283, 41115), (286, 41100), (300, 41064), (302, 41055), (324, 40974), (338, 40908), (339, 40902), (342, 40884),

Gene: Rufus_71 Start: 44360, Stop: 43560, Start Num: 108
Candidate Starts for Rufus_71:
(Start: 108 @44360 has 55 MA's), (133, 44282), (Start: 138 @44264 has 1 MA's), (Start: 146 @44213 has 1 MA's), (152, 44198), (196, 44012), (212, 43967), (260, 43877), (262, 43871), (271, 43856), (283, 43799), (286, 43784), (300, 43748), (302, 43739), (324, 43658), (338, 43592), (339, 43586), (342, 43568),

Gene: Ruin_68 Start: 43151, Stop: 42360, Start Num: 110
Candidate Starts for Ruin_68:
(21, 43364), (Start: 110 @43151 has 232 MA's), (Start: 123 @43124 has 7 MA's), (Start: 158 @42977 has 1 MA's), (166, 42953), (211, 42776), (252, 42710), (260, 42683), (271, 42662), (283, 42605), (284, 42596), (304, 42542), (338, 42392),

Gene: Rummer_76 Start: 44050, Stop: 43262, Start Num: 123
Candidate Starts for Rummer_76:
(24, 44257), (Start: 110 @44077 has 232 MA's), (Start: 123 @44050 has 7 MA's), (Start: 158 @43894 has 1 MA's), (166, 43870), (173, 43843), (178, 43825), (253, 43624), (260, 43600), (271, 43576), (302, 43456), (307, 43438), (314, 43408), (338, 43294), (342, 43270),

Gene: RunningOnE_49 Start: 23401, Stop: 22601, Start Num: 110
Candidate Starts for RunningOnE_49:
(Start: 74 @23452 has 2 MA's), (Start: 110 @23401 has 232 MA's), (Start: 123 @23368 has 7 MA's), (133, 23323), (164, 23206), (176, 23158), (183, 23128), (214, 23011), (247, 22957), (284, 22834), (286, 22828), (317, 22738), (322, 22708), (324, 22702), (328, 22690),

Gene: Ruotula_75 Start: 46644, Stop: 45796, Start Num: 69
Candidate Starts for Ruotula_75:
(Start: 69 @46644 has 6 MA's), (Start: 74 @46635 has 2 MA's), (Start: 82 @46626 has 8 MA's), (Start: 98 @46614 has 245 MA's), (133, 46530), (Start: 138 @46512 has 1 MA's), (Start: 146 @46461 has 1 MA's), (161, 46419), (166, 46395), (172, 46371), (198, 46239), (212, 46203), (260, 46113), (262, 46107), (271, 46092), (274, 46086), (283, 46035), (286, 46020), (300, 45984), (302, 45975), (324, 45894), (338, 45828), (339, 45822), (342, 45804),

Gene: Rutherferd_70 Start: 45096, Stop: 44296, Start Num: 109
Candidate Starts for Rutherferd_70:
(30, 45258), (Start: 101 @45099 has 6 MA's), (Start: 109 @45096 has 19 MA's), (133, 45018), (Start: 138 @45000 has 1 MA's), (Start: 146 @44949 has 1 MA's), (152, 44934), (198, 44739), (212, 44703), (260, 44613), (262, 44607), (271, 44592), (283, 44535), (286, 44520), (300, 44484), (302, 44475), (324, 44394), (338, 44328), (339, 44322), (342, 44304),

Gene: RyeScarlet_75 Start: 43716, Stop: 42874, Start Num: 98
Candidate Starts for RyeScarlet_75:
(Start: 98 @43716 has 245 MA's), (Start: 103 @43710 has 2 MA's), (Start: 130 @43647 has 19 MA's), (Start: 138 @43617 has 1 MA's), (151, 43554), (206, 43338), (260, 43206), (261, 43203), (262, 43200), (285, 43113), (302, 43065), (338, 42903),

Gene: SKKY_36 Start: 24424, Stop: 23477, Start Num: 135
Candidate Starts for SKKY_36:
(24, 24715), (49, 24610), (65, 24568), (Start: 127 @24445 has 1 MA's), (Start: 135 @24424 has 40 MA's), (200, 24103), (214, 24058), (280, 23830), (285, 23806), (290, 23782), (297, 23770), (321, 23662), (325, 23647),

Gene: STLscum_77 Start: 45890, Stop: 45060, Start Num: 85
Candidate Starts for STLscum_77:
(Start: 41 @45974 has 1 MA's), (Start: 85 @45890 has 6 MA's), (Start: 98 @45878 has 245 MA's), (Start: 130 @45803 has 19 MA's), (Start: 146 @45722 has 1 MA's), (152, 45707), (161, 45671), (166, 45647), (196, 45512), (245, 45416), (273, 45353), (283, 45299), (302, 45239), (324, 45158), (338, 45092), (339, 45086), (342, 45068),

Gene: Sabertooth_68 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Sabertooth_68:
(Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Sabia_75 Start: 44057, Stop: 43242, Start Num: 110
Candidate Starts for Sabia_75:
(24, 44237), (Start: 110 @44057 has 232 MA's), (Start: 123 @44030 has 7 MA's), (Start: 158 @43874 has 1 MA's), (166, 43850), (173, 43823), (178, 43805), (253, 43604), (260, 43580), (271, 43556), (302, 43436), (307, 43418), (314, 43388), (338, 43274), (342, 43250),

Gene: Sabinator_75 Start: 44048, Stop: 43233, Start Num: 110
Candidate Starts for Sabinator_75:
(24, 44228), (Start: 110 @44048 has 232 MA's), (Start: 123 @44021 has 7 MA's), (Start: 158 @43865 has 1 MA's), (166, 43841), (173, 43814), (178, 43796), (253, 43595), (260, 43571), (271, 43547), (302, 43427), (307, 43409), (314, 43379), (338, 43265), (342, 43241),

Gene: Sachima_75 Start: 43697, Stop: 42855, Start Num: 98
Candidate Starts for Sachima_75:
(Start: 98 @43697 has 245 MA's), (Start: 103 @43691 has 2 MA's), (Start: 130 @43628 has 19 MA's), (Start: 138 @43598 has 1 MA's), (151, 43535), (206, 43319), (260, 43187), (261, 43184), (262, 43181), (285, 43094), (302, 43046), (338, 42884),

Gene: Sagefire_69 Start: 45096, Stop: 44272, Start Num: 77
Candidate Starts for Sagefire_69:
(60, 45129), (Start: 77 @45096 has 47 MA's), (Start: 98 @45078 has 245 MA's), (133, 44994), (Start: 138 @44976 has 1 MA's), (Start: 146 @44925 has 1 MA's), (152, 44910), (196, 44724), (212, 44679), (260, 44589), (262, 44583), (271, 44568), (274, 44562), (283, 44511), (286, 44496), (300, 44460), (302, 44451), (324, 44370), (338, 44304), (339, 44298), (342, 44280),

Gene: Saintus_78 Start: 41931, Stop: 41128, Start Num: 90
Candidate Starts for Saintus_78:

(Start: 90 @41931 has 50 MA's), (Start: 130 @41868 has 19 MA's), (147, 41784), (156, 41757), (175, 41697), (196, 41598), (247, 41499), (262, 41457), (270, 41439), (272, 41436), (287, 41364), (288, 41361), (302, 41322), (320, 41250), (324, 41229), (342, 41136),

Gene: Salz_71 Start: 42721, Stop: 41906, Start Num: 98
Candidate Starts for Salz_71:
(Start: 98 @42721 has 245 MA's), (139, 42616), (Start: 146 @42571 has 1 MA's), (161, 42529), (165, 42511), (173, 42478), (190, 42403), (262, 42232), (283, 42160), (287, 42139), (302, 42100), (338, 41938),

Gene: Sandaddy_66 Start: 43660, Stop: 42857, Start Num: 100
Candidate Starts for Sandaddy_66:
(58, 43717), (Start: 100 @43660 has 31 MA's), (133, 43579), (Start: 138 @43561 has 1 MA's), (Start: 146 @43510 has 1 MA's), (152, 43495), (196, 43309), (260, 43174), (262, 43168), (271, 43153), (274, 43147), (283, 43096), (286, 43081), (300, 43045), (302, 43036), (324, 42955), (338, 42889), (339, 42883), (342, 42865),

Gene: Sanya_68 Start: 44883, Stop: 44149, Start Num: 130
Candidate Starts for Sanya_68:
(63, 44997), (64, 44994), (67, 44991), (Start: 130 @44883 has 19 MA's), (Start: 146 @44802 has 1 MA's), (152, 44787), (196, 44601), (260, 44466), (262, 44460), (274, 44439), (283, 44388), (286, 44373), (300, 44337), (302, 44328), (324, 44247), (338, 44181), (339, 44175), (342, 44157),

Gene: SarFire_69 Start: 43965, Stop: 43231, Start Num: 130
Candidate Starts for SarFire_69:
(63, 44079), (64, 44076), (67, 44073), (Start: 130 @43965 has 19 MA's), (Start: 146 @43884 has 1 MA's), (152, 43869), (196, 43683), (260, 43548), (262, 43542), (271, 43527), (274, 43521), (283, 43470), (286, 43455), (300, 43419), (302, 43410), (324, 43329), (338, 43263), (339, 43257), (342, 43239),

Gene: Saskia_74 Start: 43269, Stop: 42454, Start Num: 98
Candidate Starts for Saskia_74:
(Start: 98 @43269 has 245 MA's), (139, 43164), (Start: 146 @43119 has 1 MA's), (161, 43077), (165, 43059), (173, 43026), (175, 43017), (190, 42951), (262, 42780), (283, 42708), (287, 42687), (302, 42648), (338, 42486),

Gene: SaturnRing_71 Start: 43681, Stop: 42887, Start Num: 108
Candidate Starts for SaturnRing_71:
(Start: 108 @43681 has 55 MA's), (159, 43501), (253, 43237), (286, 43114), (304, 43069), (338, 42919), (342, 42895),

Gene: Scamp_68 Start: 43160, Stop: 42369, Start Num: 110
Candidate Starts for Scamp_68:
(21, 43373), (Start: 110 @43160 has 232 MA's), (Start: 123 @43133 has 7 MA's), (Start: 158 @42986 has 1 MA's), (166, 42962), (211, 42785), (252, 42719), (260, 42692), (271, 42671), (283, 42614), (284, 42605), (304, 42551), (338, 42401),

Gene: Scherzo_74 Start: 43960, Stop: 43118, Start Num: 98
Candidate Starts for Scherzo_74:
(91, 43969), (Start: 98 @43960 has 245 MA's), (Start: 130 @43891 has 19 MA's), (Start: 138 @43861 has 1 MA's), (151, 43798), (206, 43582), (260, 43450), (261, 43447), (262, 43444), (285, 43357), (302, 43309), (320, 43237), (338, 43147),

Gene: Scorpia_71 Start: 43383, Stop: 42568, Start Num: 90
Candidate Starts for Scorpia_71:
(42, 43470), (Start: 90 @43383 has 50 MA's), (Start: 138 @43293 has 1 MA's), (149, 43230), (Start: 157 @43212 has 1 MA's), (Start: 158 @43209 has 1 MA's), (175, 43149), (182, 43128), (194, 43059), (198, 43041), (254, 42936), (263, 42906), (274, 42861), (283, 42810), (284, 42801), (288, 42786), (294, 42771), (314, 42714), (320, 42690), (321, 42681), (338, 42600), (342, 42576),

Gene: Scout_70 Start: 42851, Stop: 42057, Start Num: 108
Candidate Starts for Scout_70:
(Start: 108 @42851 has 55 MA's), (260, 42383), (283, 42299), (304, 42239), (338, 42089), (342, 42065),

Gene: Scowl_69 Start: 43515, Stop: 42712, Start Num: 100
Candidate Starts for Scowl_69:
(58, 43572), (Start: 100 @43515 has 31 MA's), (133, 43434), (Start: 138 @43416 has 1 MA's), (Start: 146 @43365 has 1 MA's), (152, 43350), (196, 43164), (212, 43119), (260, 43029), (262, 43023), (271, 43008), (283, 42951), (286, 42936), (300, 42900), (302, 42891), (324, 42810), (338, 42744), (339, 42738), (342, 42720),

Gene: Seabiscuit_70 Start: 43283, Stop: 42483, Start Num: 108
Candidate Starts for Seabiscuit_70:
(83, 43301), (Start: 108 @43283 has 55 MA's), (133, 43205), (Start: 138 @43187 has 1 MA's), (Start: 146 @43136 has 1 MA's), (152, 43121), (196, 42935), (212, 42890), (260, 42800), (262, 42794), (271, 42779), (274, 42773), (283, 42722), (286, 42707), (300, 42671), (302, 42662), (324, 42581), (338, 42515), (339, 42509), (342, 42491),

Gene: Seanderson_71 Start: 46584, Stop: 45778, Start Num: 98
Candidate Starts for Seanderson_71:
(Start: 69 @46614 has 6 MA's), (Start: 74 @46605 has 2 MA's), (Start: 82 @46596 has 8 MA's), (Start: 98 @46584 has 245 MA's), (133, 46500), (Start: 138 @46482 has 1 MA's), (Start: 146 @46431 has 1 MA's), (152, 46416), (198, 46221), (212, 46185), (260, 46095), (262, 46089), (271, 46074), (274, 46068), (283, 46017), (286, 46002), (300, 45966), (302, 45957), (324, 45876), (338, 45810), (339, 45804), (342, 45786),

Gene: SemperFi_74 Start: 44548, Stop: 43730, Start Num: 98
Candidate Starts for SemperFi_74:
(Start: 98 @44548 has 245 MA's), (Start: 130 @44476 has 19 MA's), (Start: 138 @44446 has 1 MA's), (161, 44353), (260, 44062), (286, 43969), (287, 43963), (302, 43921), (309, 43891), (331, 43792), (338, 43759),

Gene: SenorClean_69 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for SenorClean_69:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Serenity_77 Start: 43976, Stop: 43110, Start Num: 98
Candidate Starts for Serenity_77:
(Start: 98 @43976 has 245 MA's), (140, 43853), (161, 43784), (262, 43436), (283, 43364), (287, 43343), (291, 43331), (302, 43301), (338, 43139),

Gene: Severus_66 Start: 42089, Stop: 41247, Start Num: 86
Candidate Starts for Severus_66:

(25, 42248), (Start: 86 @42089 has 16 MA's), (92, 42077), (Start: 123 @42026 has 7 MA's), (Start: 158 @41879 has 1 MA's), (164, 41864), (261, 41582), (286, 41477), (288, 41468), (304, 41429), (320, 41369), (338, 41279), (342, 41255),

Gene: Shaka_66 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Shaka_66:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Sham4_72 Start: 42805, Stop: 41990, Start Num: 98
Candidate Starts for Sham4_72:
(Start: 98 @42805 has 245 MA's), (139, 42700), (Start: 146 @42655 has 1 MA's), (161, 42613), (165, 42595), (173, 42562), (175, 42553), (190, 42487), (262, 42316), (283, 42244), (287, 42223), (302, 42184), (338, 42022),

Gene: Shapes_70 Start: 43100, Stop: 42276, Start Num: 86
Candidate Starts for Shapes_70:
(25, 43259), (Start: 86 @43100 has 16 MA's), (Start: 158 @42893 has 1 MA's), (164, 42878), (254, 42620), (260, 42599), (268, 42581), (283, 42521), (304, 42458), (320, 42398), (331, 42341), (338, 42308), (342, 42284),

Gene: ShayRa_82 Start: 44601, Stop: 43753, Start Num: 98
Candidate Starts for ShayRa_82:
(Start: 98 @44601 has 245 MA's), (Start: 103 @44595 has 2 MA's), (Start: 123 @44553 has 7 MA's), (Start: 130 @44520 has 19 MA's), (Start: 138 @44490 has 1 MA's), (161, 44397), (287, 43986), (288, 43983), (302, 43944),

Gene: SheaKeira_69 Start: 42786, Stop: 41878, Start Num: 98
Candidate Starts for SheaKeira_69:
(7, 43095), (34, 42912), (Start: 98 @42786 has 245 MA's), (Start: 103 @42780 has 2 MA's), (Start: 123 @42750 has 7 MA's), (Start: 124 @42741 has 6 MA's), (Start: 130 @42717 has 19 MA's), (Start: 138 @42687 has 1 MA's), (140, 42663), (151, 42624), (175, 42534), (206, 42408), (223, 42372), (241, 42276), (261, 42207), (262, 42204), (285, 42117), (287, 42108), (308, 42042), (318, 42006), (338, 41907),

Gene: Sheen_72 Start: 47073, Stop: 46276, Start Num: 101
Candidate Starts for Sheen_72:
(Start: 101 @47073 has 6 MA's), (Start: 123 @47037 has 7 MA's), (Start: 158 @46890 has 1 MA's), (168, 46860), (194, 46740), (283, 46518), (288, 46497), (289, 46494), (293, 46485), (304, 46458), (316, 46416), (320, 46398), (338, 46308),

Gene: SheldonCooper_68 Start: 43598, Stop: 42807, Start Num: 110
Candidate Starts for SheldonCooper_68:
(44, 43673), (Start: 110 @43598 has 232 MA's), (Start: 123 @43571 has 7 MA's), (Start: 158 @43424 has 1 MA's), (166, 43400), (211, 43223), (252, 43157), (260, 43130), (271, 43109), (283, 43052), (284, 43043), (304, 42989), (338, 42839),

Gene: Shep_69 Start: 42601, Stop: 41807, Start Num: 108
Candidate Starts for Shep_69:
(46, 42673), (Start: 108 @42601 has 55 MA's), (253, 42157), (254, 42154), (260, 42133), (283, 42049), (304, 41989), (338, 41839), (342, 41815),

Gene: ShortQueendom_63 Start: 41404, Stop: 40601, Start Num: 100
Candidate Starts for ShortQueendom_63:
(58, 41461), (Start: 100 @41404 has 31 MA's), (133, 41323), (Start: 138 @41305 has 1 MA's), (Start: 146 @41254 has 1 MA's), (152, 41239), (196, 41053), (260, 40918), (262, 40912), (274, 40891), (283, 40840), (286, 40825), (300, 40789), (302, 40780), (324, 40699), (338, 40633), (339, 40627), (342, 40609),

Gene: Shuman_57 Start: 39296, Stop: 38490, Start Num: 115
Candidate Starts for Shuman_57:
(Start: 115 @39296 has 35 MA's), (119, 39287), (128, 39251), (Start: 138 @39209 has 1 MA's), (140, 39185), (Start: 142 @39179 has 1 MA's), (Start: 158 @39125 has 1 MA's), (164, 39110), (190, 38999), (238, 38891), (278, 38774), (283, 38747), (298, 38702), (299, 38699), (302, 38684), (324, 38603), (339, 38528),

Gene: Shygu2_67 Start: 43485, Stop: 42694, Start Num: 110
Candidate Starts for Shygu2_67:
(Start: 110 @43485 has 232 MA's), (Start: 123 @43458 has 7 MA's), (Start: 158 @43311 has 1 MA's), (166, 43287), (253, 43041), (260, 43017), (283, 42939), (304, 42876), (338, 42726),

Gene: Sibs6_71 Start: 42577, Stop: 41759, Start Num: 84
Candidate Starts for Sibs6_71:
(Start: 72 @42595 has 2 MA's), (Start: 84 @42577 has 45 MA's), (Start: 98 @42565 has 245 MA's), (133, 42481), (Start: 138 @42463 has 1 MA's), (Start: 146 @42412 has 1 MA's), (152, 42397), (196, 42211), (212, 42166), (260, 42076), (262, 42070), (271, 42055), (274, 42049), (283, 41998), (286, 41983), (300, 41947), (302, 41938), (324, 41857), (338, 41791), (339, 41785), (342, 41767),

Gene: Skadoosh_66 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Skadoosh_66:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: SkiPole_76 Start: 45136, Stop: 44333, Start Num: 88
Candidate Starts for SkiPole_76:
(Start: 88 @45136 has 4 MA's), (133, 45055), (Start: 138 @45037 has 1 MA's), (Start: 146 @44986 has 1 MA's), (152, 44971), (196, 44785), (212, 44740), (260, 44650), (262, 44644), (271, 44629), (274, 44623), (283, 44572), (286, 44557), (300, 44521), (302, 44512), (324, 44431), (328, 44419), (338, 44365), (339, 44359), (342, 44341),

Gene: Skipitt_67 Start: 43152, Stop: 42361, Start Num: 110
Candidate Starts for Skipitt_67:
(21, 43365), (Start: 110 @43152 has 232 MA's), (Start: 123 @43125 has 7 MA's), (Start: 158 @42978 has 1 MA's), (211, 42777), (252, 42711), (260, 42684), (271, 42663), (283, 42606), (284, 42597), (304, 42543), (338, 42393),

Gene: Sknot_74 Start: 44361, Stop: 43546, Start Num: 98
Candidate Starts for Sknot_74:
(Start: 98 @44361 has 245 MA's), (Start: 130 @44292 has 19 MA's), (Start: 138 @44262 has 1 MA's), (155, 44187), (161, 44169), (261, 43875), (262, 43872), (302, 43737), (338, 43575),

Gene: Slagathor_72 Start: 46101, Stop: 45283, Start Num: 84
Candidate Starts for Slagathor_72:

(Start: 72 @46119 has 2 MA's), (Start: 84 @46101 has 45 MA's), (Start: 98 @46089 has 245 MA's), (133, 46005), (Start: 138 @45987 has 1 MA's), (144, 45945), (Start: 146 @45936 has 1 MA's), (152, 45921), (196, 45735), (212, 45690), (260, 45600), (262, 45594), (271, 45579), (274, 45573), (283, 45522), (286, 45507), (300, 45471), (302, 45462), (324, 45381), (338, 45315), (339, 45309), (342, 45291),

Gene: Smairt_70 Start: 46125, Stop: 45325, Start Num: 109
Candidate Starts for Smairt_70:
(30, 46287), (Start: 101 @46128 has 6 MA's), (Start: 109 @46125 has 19 MA's), (133, 46047), (Start: 138 @46029 has 1 MA's), (Start: 146 @45978 has 1 MA's), (152, 45963), (196, 45777), (212, 45732), (260, 45642), (262, 45636), (271, 45621), (274, 45615), (283, 45564), (286, 45549), (300, 45513), (302, 45504), (324, 45423), (338, 45357), (339, 45351), (342, 45333),

Gene: Smeadley_82 Start: 45147, Stop: 44344, Start Num: 90
Candidate Starts for Smeadley_82:
(Start: 90 @45147 has 50 MA's), (Start: 130 @45084 has 19 MA's), (147, 45000), (156, 44973), (175, 44913), (196, 44814), (241, 44733), (247, 44715), (262, 44673), (270, 44655), (272, 44652), (287, 44580), (288, 44577), (302, 44538), (320, 44466), (324, 44445), (342, 44352),

Gene: Smeagan_76 Start: 44940, Stop: 44041, Start Num: 98
Candidate Starts for Smeagan_76:
(Start: 98 @44940 has 245 MA's), (Start: 112 @44928 has 1 MA's), (Start: 130 @44871 has 19 MA's), (Start: 138 @44841 has 1 MA's), (161, 44748), (175, 44688), (214, 44541), (220, 44526), (231, 44493), (233, 44484), (260, 44373), (287, 44274), (302, 44232), (338, 44070),

Gene: Smeagol_70 Start: 45369, Stop: 44566, Start Num: 100
Candidate Starts for Smeagol_70:
(58, 45426), (Start: 100 @45369 has 31 MA's), (133, 45288), (Start: 138 @45270 has 1 MA's), (Start: 146 @45219 has 1 MA's), (152, 45204), (196, 45018), (212, 44973), (260, 44883), (262, 44877), (271, 44862), (274, 44856), (283, 44805), (300, 44754), (302, 44745), (324, 44664), (338, 44598), (339, 44592), (342, 44574),

Gene: SmellyB_76 Start: 43230, Stop: 42403, Start Num: 98
Candidate Starts for SmellyB_76:
(Start: 98 @43230 has 245 MA's), (121, 43200), (Start: 130 @43158 has 19 MA's), (Start: 138 @43128 has 1 MA's), (Start: 146 @43077 has 1 MA's), (159, 43041), (166, 43011), (175, 42975), (192, 42891), (245, 42783), (261, 42729), (262, 42726), (283, 42654), (287, 42633), (288, 42630), (302, 42594), (338, 42432),

Gene: SnapTap_73 Start: 44359, Stop: 43541, Start Num: 98
Candidate Starts for SnapTap_73:
(Start: 98 @44359 has 245 MA's), (Start: 130 @44287 has 19 MA's), (Start: 138 @44257 has 1 MA's), (161, 44164), (175, 44104), (260, 43873), (286, 43780), (287, 43774), (302, 43732), (309, 43702), (331, 43603), (338, 43570),

Gene: Snape_76 Start: 43914, Stop: 43099, Start Num: 98
Candidate Starts for Snape_76:
(Start: 98 @43914 has 245 MA's), (139, 43809), (Start: 146 @43764 has 1 MA's), (161, 43722), (165, 43704), (173, 43671), (190, 43596), (262, 43425), (283, 43353), (287, 43332), (302, 43293), (338, 43131),

Gene: Snazzy_67 Start: 43257, Stop: 42523, Start Num: 130
Candidate Starts for Snazzy_67:

(63, 43371), (64, 43368), (67, 43365), (Start: 130 @43257 has 19 MA's), (Start: 146 @43176 has 1 MA's), (152, 43161), (196, 42975), (260, 42840), (262, 42834), (274, 42813), (283, 42762), (286, 42747), (300, 42711), (302, 42702), (324, 42621), (338, 42555), (339, 42549), (342, 42531),

Gene: Snickers_77 Start: 44022, Stop: 43207, Start Num: 110
Candidate Starts for Snickers_77:
(24, 44202), (Start: 110 @44022 has 232 MA's), (Start: 123 @43995 has 7 MA's), (Start: 158 @43839 has 1 MA's), (166, 43815), (173, 43788), (178, 43770), (253, 43569), (260, 43545), (271, 43521), (302, 43401), (307, 43383), (314, 43353), (338, 43239), (342, 43215),

Gene: SoYo_74 Start: 43961, Stop: 43146, Start Num: 110
Candidate Starts for SoYo_74:
(24, 44141), (Start: 110 @43961 has 232 MA's), (Start: 123 @43934 has 7 MA's), (Start: 158 @43778 has 1 MA's), (166, 43754), (173, 43727), (178, 43709), (253, 43508), (260, 43484), (271, 43460), (302, 43340), (307, 43322), (314, 43292), (338, 43178), (342, 43154),

Gene: SoilDragon_76 Start: 43496, Stop: 42681, Start Num: 110
Candidate Starts for SoilDragon_76:
(24, 43676), (Start: 110 @43496 has 232 MA's), (Start: 123 @43469 has 7 MA's), (147, 43352), (Start: 158 @43313 has 1 MA's), (166, 43289), (173, 43262), (178, 43244), (253, 43043), (260, 43019), (271, 42995), (302, 42875), (307, 42857), (314, 42827), (338, 42713), (342, 42689),

Gene: Solid_36 Start: 24667, Stop: 23720, Start Num: 135
Candidate Starts for Solid_36:
(24, 24958), (49, 24853), (Start: 127 @24688 has 1 MA's), (Start: 135 @24667 has 40 MA's), (200, 24346), (214, 24301), (280, 24073), (285, 24049), (290, 24025), (297, 24013), (321, 23905), (325, 23890),

Gene: Solon_68 Start: 43540, Stop: 42716, Start Num: 77
Candidate Starts for Solon_68:
(60, 43573), (Start: 77 @43540 has 47 MA's), (Start: 98 @43522 has 245 MA's), (133, 43438), (Start: 138 @43420 has 1 MA's), (Start: 146 @43369 has 1 MA's), (152, 43354), (196, 43168), (212, 43123), (260, 43033), (262, 43027), (271, 43012), (274, 43006), (283, 42955), (286, 42940), (300, 42904), (302, 42895), (324, 42814), (338, 42748), (339, 42742), (342, 42724),

Gene: SororFago_75 Start: 44880, Stop: 44074, Start Num: 98
Candidate Starts for SororFago_75:
(28, 45051), (57, 44949), (Start: 98 @44880 has 245 MA's), (Start: 123 @44850 has 7 MA's), (Start: 130 @44817 has 19 MA's), (Start: 138 @44787 has 1 MA's), (161, 44694), (214, 44487), (247, 44439), (256, 44424), (291, 44292), (294, 44286), (302, 44265), (308, 44238),

Gene: Sorpresa_67 Start: 43662, Stop: 42859, Start Num: 100
Candidate Starts for Sorpresa_67:
(58, 43719), (Start: 100 @43662 has 31 MA's), (133, 43581), (Start: 138 @43563 has 1 MA's), (Start: 146 @43512 has 1 MA's), (152, 43497), (196, 43311), (260, 43176), (262, 43170), (271, 43155), (274, 43149), (283, 43098), (286, 43083), (300, 43047), (302, 43038), (324, 42957), (338, 42891), (339, 42885), (342, 42867),

Gene: Soshari_79 Start: 44073, Stop: 43258, Start Num: 110
Candidate Starts for Soshari_79:
(24, 44253), (Start: 110 @44073 has 232 MA's), (Start: 123 @44046 has 7 MA's), (Start: 158 @43890 has 1 MA's), (166, 43866), (173, 43839), (178, 43821), (253, 43620), (260, 43596), (271, 43572), (302, 43452), (307, 43434), (314, 43404), (338, 43290), (342, 43266),

Gene: Soups_81 Start: 44467, Stop: 43616, Start Num: 98
Candidate Starts for Soups_81:
(Start: 98 @44467 has 245 MA's), (Start: 103 @44461 has 2 MA's), (Start: 123 @44419 has 7 MA's), (Start: 130 @44386 has 19 MA's), (Start: 138 @44356 has 1 MA's), (161, 44263), (243, 43999), (261, 43951), (287, 43852), (288, 43849), (302, 43810), (338, 43648),

Gene: Sparxx_69 Start: 43153, Stop: 42362, Start Num: 110
Candidate Starts for Sparxx_69:
(Start: 110 @43153 has 232 MA's), (Start: 123 @43126 has 7 MA's), (Start: 158 @42979 has 1 MA's), (166, 42955), (211, 42778), (252, 42712), (260, 42685), (271, 42664), (283, 42607), (284, 42598), (304, 42544), (338, 42394),

Gene: Spike509_77 Start: 44074, Stop: 43259, Start Num: 110
Candidate Starts for Spike509_77:
(24, 44254), (Start: 110 @44074 has 232 MA's), (Start: 123 @44047 has 7 MA's), (Start: 158 @43891 has 1 MA's), (166, 43867), (173, 43840), (178, 43822), (253, 43621), (260, 43597), (271, 43573), (302, 43453), (307, 43435), (314, 43405), (338, 43291), (342, 43267),

Gene: SpikeBT_68 Start: 44197, Stop: 43379, Start Num: 84
Candidate Starts for SpikeBT_68:
(Start: 72 @44215 has 2 MA's), (Start: 84 @44197 has 45 MA's), (Start: 98 @44185 has 245 MA's), (133, 44101), (Start: 138 @44083 has 1 MA's), (Start: 146 @44032 has 1 MA's), (152, 44017), (196, 43831), (212, 43786), (260, 43696), (262, 43690), (271, 43675), (274, 43669), (283, 43618), (286, 43603), (300, 43567), (302, 43558), (324, 43477), (338, 43411), (339, 43405), (342, 43387),

Gene: Spino_67 Start: 43161, Stop: 42370, Start Num: 110
Candidate Starts for Spino_67:
(21, 43374), (Start: 110 @43161 has 232 MA's), (Start: 123 @43134 has 7 MA's), (Start: 158 @42987 has 1 MA's), (166, 42963), (211, 42786), (252, 42720), (260, 42693), (271, 42672), (283, 42615), (284, 42606), (304, 42552), (338, 42402),

Gene: Spooks_35 Start: 22979, Stop: 22182, Start Num: 104
Candidate Starts for Spooks_35:
(Start: 104 @22979 has 2 MA's), (Start: 117 @22958 has 14 MA's), (120, 22949), (183, 22697), (194, 22643), (199, 22622), (216, 22577), (242, 22547), (258, 22508), (285, 22409), (291, 22388), (302, 22361), (322, 22286), (324, 22280),

Gene: Spouty_73 Start: 43467, Stop: 42625, Start Num: 98
Candidate Starts for Spouty_73:
(Start: 98 @43467 has 245 MA's), (Start: 103 @43461 has 2 MA's), (Start: 130 @43398 has 19 MA's), (Start: 138 @43368 has 1 MA's), (151, 43305), (206, 43089), (260, 42957), (261, 42954), (262, 42951), (285, 42864), (302, 42816), (338, 42654),

Gene: Squee_72 Start: 44295, Stop: 43561, Start Num: 130
Candidate Starts for Squee_72:
(63, 44409), (64, 44406), (67, 44403), (Start: 130 @44295 has 19 MA's), (Start: 146 @44214 has 1 MA's), (152, 44199), (196, 44013), (212, 43968), (260, 43878), (262, 43872), (283, 43800), (286, 43785), (300, 43749), (302, 43740), (324, 43659), (338, 43593), (339, 43587), (342, 43569),

Gene: StCroix_55 Start: 39367, Stop: 38558, Start Num: 115
Candidate Starts for StCroix_55:

(Start: 115 @39367 has 35 MA's), (119, 39355), (140, 39253), (Start: 142 @39247 has 1 MA's), (Start: 158 @39193 has 1 MA's), (164, 39178), (190, 39067), (192, 39049), (278, 38842), (298, 38770), (299, 38767), (302, 38752), (324, 38671), (338, 38602), (339, 38596),

Gene: Stagni_74 Start: 44025, Stop: 43237, Start Num: 123
Candidate Starts for Stagni_74:
(24, 44232), (Start: 110 @44052 has 232 MA's), (Start: 123 @44025 has 7 MA's), (Start: 158 @43869 has 1 MA's), (166, 43845), (173, 43818), (178, 43800), (253, 43599), (260, 43575), (271, 43551), (302, 43431), (307, 43413), (314, 43383), (338, 43269), (342, 43245),

Gene: StarStuff_76 Start: 44863, Stop: 44054, Start Num: 107
Candidate Starts for StarStuff_76:
(Start: 107 @44863 has 13 MA's), (Start: 123 @44833 has 7 MA's), (Start: 130 @44800 has 19 MA's), (Start: 138 @44770 has 1 MA's), (159, 44683), (166, 44653), (214, 44470), (262, 44380), (283, 44308), (287, 44287), (302, 44245), (303, 44242), (329, 44128), (331, 44116), (338, 44083),

Gene: Stasia_67 Start: 43367, Stop: 42576, Start Num: 110
Candidate Starts for Stasia_67:
(25, 43532), (Start: 110 @43367 has 232 MA's), (Start: 158 @43193 has 1 MA's), (166, 43169), (211, 42992), (252, 42926), (260, 42899), (283, 42821), (284, 42812), (304, 42758), (338, 42608),

Gene: SteMason_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for SteMason_68:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Steamy_68 Start: 43229, Stop: 42336, Start Num: 95
Candidate Starts for Steamy_68:
(14, 43496), (34, 43343), (53, 43295), (Start: 95 @43229 has 6 MA's), (Start: 123 @43196 has 7 MA's), (Start: 130 @43163 has 19 MA's), (Start: 138 @43133 has 1 MA's), (161, 43040), (175, 42980), (262, 42662), (302, 42527), (342, 42341),

Gene: Stella_67 Start: 34766, Stop: 33927, Start Num: 117
Candidate Starts for Stella_67:
(Start: 117 @34766 has 14 MA's), (Start: 122 @34751 has 2 MA's), (147, 34628), (165, 34556), (169, 34541), (185, 34475), (196, 34415), (201, 34394), (239, 34316), (282, 34166), (294, 34124), (299, 34115),

Gene: StepMih_76 Start: 44043, Stop: 43228, Start Num: 110
Candidate Starts for StepMih_76:
(24, 44223), (Start: 110 @44043 has 232 MA's), (Start: 123 @44016 has 7 MA's), (Start: 158 @43860 has 1 MA's), (166, 43836), (173, 43809), (178, 43791), (253, 43590), (260, 43566), (271, 43542), (302, 43422), (307, 43404), (314, 43374), (338, 43260), (342, 43236),

Gene: Stephig9_81 Start: 45086, Stop: 44283, Start Num: 90
Candidate Starts for Stephig9_81:
(Start: 90 @45086 has 50 MA's), (Start: 130 @45023 has 19 MA's), (147, 44939), (156, 44912), (175, 44852), (196, 44753), (247, 44654), (262, 44612), (270, 44594), (272, 44591), (287, 44519), (288, 44516), (302, 44477), (320, 44405), (324, 44384), (342, 44291),

Gene: StewieG_62 Start: 40420, Stop: 39617, Start Num: 100
Candidate Starts for StewieG_62:

(58, 40477), (Start: 100 @40420 has 31 MA's), (133, 40339), (Start: 138 @40321 has 1 MA's), (Start: 146 @40270 has 1 MA's), (152, 40255), (196, 40069), (212, 40024), (260, 39934), (262, 39928), (271, 39913), (274, 39907), (283, 39856), (286, 39841), (300, 39805), (302, 39796), (324, 39715), (338, 39649), (339, 39643), (342, 39625),

Gene: Stink_67 Start: 43259, Stop: 42468, Start Num: 110
Candidate Starts for Stink_67:
(Start: 110 @43259 has 232 MA's), (Start: 123 @43232 has 7 MA's), (Start: 158 @43085 has 1 MA's), (253, 42815), (260, 42791), (283, 42713), (284, 42704), (304, 42650), (338, 42500),

Gene: Stormborn_36 Start: 24280, Stop: 23339, Start Num: 135
Candidate Starts for Stormborn_36:
(Start: 135 @24280 has 40 MA's), (170, 24106), (200, 23959), (214, 23914), (221, 23893), (280, 23686), (285, 23662), (297, 23626), (321, 23518), (325, 23503),

Gene: StrongArm_67 Start: 44791, Stop: 43973, Start Num: 84
Candidate Starts for StrongArm_67:
(Start: 75 @44800 has 2 MA's), (Start: 84 @44791 has 45 MA's), (Start: 98 @44779 has 245 MA's), (133, 44695), (Start: 138 @44677 has 1 MA's), (Start: 146 @44626 has 1 MA's), (152, 44611), (196, 44425), (212, 44380), (260, 44290), (262, 44284), (271, 44269), (274, 44263), (283, 44212), (286, 44197), (300, 44161), (302, 44152), (324, 44071), (338, 44005), (339, 43999), (342, 43981),

Gene: Strosahl_82 Start: 44678, Stop: 43827, Start Num: 98
Candidate Starts for Strosahl_82:
(Start: 98 @44678 has 245 MA's), (Start: 103 @44672 has 2 MA's), (Start: 123 @44630 has 7 MA's), (Start: 130 @44597 has 19 MA's), (Start: 138 @44567 has 1 MA's), (161, 44474), (287, 44063), (288, 44060), (302, 44021), (338, 43859),

Gene: Success_36 Start: 22194, Stop: 21400, Start Num: 104
Candidate Starts for Success_36:
(47, 22299), (Start: 104 @22194 has 2 MA's), (Start: 116 @22176 has 1 MA's), (120, 22164), (Start: 138 @22089 has 1 MA's), (183, 21912), (194, 21858), (199, 21837), (242, 21765), (258, 21726), (274, 21687), (291, 21606), (302, 21579), (322, 21504), (324, 21498), (328, 21486),

Gene: Sultana_68 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for Sultana_68:
(21, 43371), (Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: Sumter_65 Start: 44026, Stop: 43223, Start Num: 100
Candidate Starts for Sumter_65:
(58, 44083), (Start: 100 @44026 has 31 MA's), (133, 43945), (Start: 138 @43927 has 1 MA's), (Start: 146 @43876 has 1 MA's), (152, 43861), (198, 43666), (212, 43630), (260, 43540), (262, 43534), (271, 43519), (283, 43462), (286, 43447), (300, 43411), (302, 43402), (324, 43321), (338, 43255), (339, 43249), (342, 43231),

Gene: Sunhee_75 Start: 42962, Stop: 42126, Start Num: 98
Candidate Starts for Sunhee_75:
(28, 43133), (Start: 98 @42962 has 245 MA's), (Start: 130 @42899 has 19 MA's), (Start: 138 @42869 has 1 MA's), (161, 42776), (214, 42569), (261, 42452), (302, 42317), (308, 42290), (338, 42155),

Gene: Sunshine924_73 Start: 44425, Stop: 43601, Start Num: 77

Candidate Starts for Sunshine924_73:
(Start: 77 @44425 has 47 MA's), (Start: 98 @44407 has 245 MA's), (133, 44323), (Start: 138 @44305 has 1 MA's), (Start: 146 @44254 has 1 MA's), (152, 44239), (196, 44053), (212, 44008), (260, 43918), (262, 43912), (271, 43897), (274, 43891), (283, 43840), (286, 43825), (300, 43789), (302, 43780), (324, 43699), (338, 43633), (339, 43627), (342, 43609),

Gene: SuperAwesome_76 Start: 43908, Stop: 43081, Start Num: 98
Candidate Starts for SuperAwesome_76:
(Start: 98 @43908 has 245 MA's), (121, 43878), (Start: 130 @43836 has 19 MA's), (Start: 138 @43806 has 1 MA's), (Start: 146 @43755 has 1 MA's), (159, 43719), (166, 43689), (175, 43653), (192, 43569), (245, 43461), (261, 43407), (262, 43404), (283, 43332), (287, 43311), (288, 43308), (302, 43272), (338, 43110),

Gene: SuperCallie99_73 Start: 43752, Stop: 42925, Start Num: 98
Candidate Starts for SuperCallie99_73:
(Start: 98 @43752 has 245 MA's), (121, 43722), (Start: 130 @43680 has 19 MA's), (Start: 138 @43650 has 1 MA's), (Start: 146 @43599 has 1 MA's), (159, 43563), (166, 43533), (175, 43497), (192, 43413), (245, 43305), (261, 43251), (262, 43248), (283, 43176), (287, 43155), (288, 43152), (302, 43116), (338, 42954),

Gene: Superchunk_76 Start: 44020, Stop: 43061, Start Num: 98
Candidate Starts for Superchunk_76:
(Start: 98 @44020 has 245 MA's), (119, 43999), (Start: 123 @43984 has 7 MA's), (Start: 124 @43975 has 6 MA's), (Start: 130 @43951 has 19 MA's), (Start: 138 @43921 has 1 MA's), (148, 43861), (161, 43828), (214, 43621), (245, 43498), (249, 43489), (260, 43393), (262, 43387), (287, 43294), (302, 43252), (338, 43090),

Gene: Supernova_36 Start: 24419, Stop: 23478, Start Num: 135
Candidate Starts for Supernova_36:
(49, 24605), (65, 24563), (Start: 127 @24440 has 1 MA's), (Start: 135 @24419 has 40 MA's), (200, 24098), (214, 24053), (221, 24032), (275, 23861), (280, 23825), (285, 23801), (290, 23777), (297, 23765), (321, 23657), (325, 23642),

Gene: Swann_56 Start: 39343, Stop: 38534, Start Num: 115
Candidate Starts for Swann_56:
(Start: 115 @39343 has 35 MA's), (119, 39331), (140, 39229), (Start: 142 @39223 has 1 MA's), (Start: 158 @39169 has 1 MA's), (164, 39154), (190, 39043), (192, 39025), (278, 38818), (298, 38746), (299, 38743), (302, 38728), (324, 38647), (338, 38578), (339, 38572),

Gene: SweetiePie_73 Start: 44491, Stop: 43673, Start Num: 98
Candidate Starts for SweetiePie_73:
(Start: 98 @44491 has 245 MA's), (Start: 130 @44419 has 19 MA's), (Start: 138 @44389 has 1 MA's), (161, 44296), (175, 44236), (260, 44005), (286, 43912), (287, 43906), (302, 43864), (309, 43834), (331, 43735), (338, 43702),

Gene: SwirlSquare_79 Start: 43809, Stop: 42898, Start Num: 98
Candidate Starts for SwirlSquare_79:
(Start: 98 @43809 has 245 MA's), (119, 43788), (Start: 123 @43773 has 7 MA's), (Start: 130 @43740 has 19 MA's), (Start: 138 @43710 has 1 MA's), (232, 43356), (234, 43344), (261, 43227), (262, 43224), (286, 43137), (287, 43131), (302, 43089), (331, 42960), (338, 42927),

Gene: Swirley_67 Start: 42771, Stop: 41959, Start Num: 90
Candidate Starts for Swirley_67:

(Start: 90 @42771 has 50 MA's), (149, 42618), (Start: 158 @42597 has 1 MA's), (175, 42537), (182, 42516), (263, 42294), (283, 42201), (288, 42177), (296, 42159), (314, 42105), (320, 42081), (321, 42072), (342, 41967),

Gene: SwissCheese_72 Start: 44242, Stop: 43442, Start Num: 108
Candidate Starts for SwissCheese_72:
(83, 44260), (Start: 108 @44242 has 55 MA's), (Start: 138 @44146 has 1 MA's), (Start: 146 @44095 has 1 MA's), (152, 44080), (196, 43894), (212, 43849), (260, 43759), (262, 43753), (271, 43738), (283, 43681), (286, 43666), (300, 43630), (302, 43621), (324, 43540), (338, 43474), (339, 43468), (342, 43450),

Gene: Switzer_69 Start: 45249, Stop: 44431, Start Num: 84
Candidate Starts for Switzer_69:
(Start: 75 @45258 has 2 MA's), (Start: 84 @45249 has 45 MA's), (Start: 98 @45237 has 245 MA's), (133, 45153), (Start: 138 @45135 has 1 MA's), (Start: 146 @45084 has 1 MA's), (152, 45069), (196, 44883), (212, 44838), (260, 44748), (262, 44742), (271, 44727), (274, 44721), (283, 44670), (286, 44655), (288, 44646), (300, 44619), (302, 44610), (324, 44529), (338, 44463), (339, 44457), (342, 44439),

Gene: Switzerland_81 Start: 44740, Stop: 43892, Start Num: 98
Candidate Starts for Switzerland_81:
(Start: 98 @44740 has 245 MA's), (Start: 103 @44734 has 2 MA's), (Start: 123 @44692 has 7 MA's), (Start: 130 @44659 has 19 MA's), (Start: 138 @44629 has 1 MA's), (161, 44536), (287, 44125), (288, 44122), (302, 44083),

Gene: Swole_71 Start: 44708, Stop: 43890, Start Num: 84
Candidate Starts for Swole_71:
(Start: 72 @44726 has 2 MA's), (Start: 84 @44708 has 45 MA's), (Start: 98 @44696 has 245 MA's), (133, 44612), (Start: 138 @44594 has 1 MA's), (144, 44552), (Start: 146 @44543 has 1 MA's), (152, 44528), (196, 44342), (212, 44297), (260, 44207), (262, 44201), (271, 44186), (274, 44180), (283, 44129), (286, 44114), (300, 44078), (302, 44069), (324, 43988), (338, 43922), (339, 43916), (342, 43898),

Gene: SydNat_67 Start: 42966, Stop: 42151, Start Num: 90
Candidate Starts for SydNat_67:
(Start: 90 @42966 has 50 MA's), (Start: 138 @42876 has 1 MA's), (Start: 146 @42825 has 1 MA's), (147, 42822), (Start: 158 @42792 has 1 MA's), (175, 42732), (182, 42711), (254, 42519), (263, 42489), (269, 42453), (283, 42393), (284, 42384), (288, 42369), (294, 42354), (314, 42297), (320, 42273), (321, 42264), (342, 42159),

Gene: TNguyen7_72 Start: 43641, Stop: 42847, Start Num: 108
Candidate Starts for TNguyen7_72:
(Start: 108 @43641 has 55 MA's), (159, 43461), (253, 43197), (286, 43074), (304, 43029), (338, 42879), (342, 42855),

Gene: TWAMP_56 Start: 39345, Stop: 38536, Start Num: 115
Candidate Starts for TWAMP_56:
(Start: 115 @39345 has 35 MA's), (119, 39333), (140, 39231), (Start: 142 @39225 has 1 MA's), (Start: 158 @39171 has 1 MA's), (164, 39156), (190, 39045), (192, 39027), (278, 38820), (298, 38748), (299, 38745), (302, 38730), (324, 38649), (338, 38580), (339, 38574),

Gene: Tailonex_60 Start: 42252, Stop: 41479, Start Num: 118
Candidate Starts for Tailonex_60:

(66, 42333), (118, 42252), (Start: 123 @42234 has 7 MA's), (128, 42213), (Start: 138 @42171 has 1 MA's), (143, 42135), (147, 42117), (196, 41928), (255, 41820), (286, 41703), (288, 41694), (302, 41658), (337, 41517),

Gene: Takoda_56 Start: 39528, Stop: 38719, Start Num: 115
Candidate Starts for Takoda_56:
(Start: 115 @39528 has 35 MA's), (119, 39516), (128, 39480), (140, 39414), (Start: 142 @39408 has 1 MA's), (Start: 158 @39354 has 1 MA's), (164, 39339), (190, 39228), (278, 39003), (298, 38931), (299, 38928), (302, 38913), (324, 38832), (338, 38763), (339, 38757),

Gene: Taquarus_67 Start: 43161, Stop: 42370, Start Num: 110
Candidate Starts for Taquarus_67:
(21, 43374), (Start: 110 @43161 has 232 MA's), (Start: 123 @43134 has 7 MA's), (Start: 158 @42987 has 1 MA's), (166, 42963), (211, 42786), (252, 42720), (260, 42693), (271, 42672), (283, 42615), (284, 42606), (304, 42552), (338, 42402),

Gene: Target_71 Start: 43837, Stop: 43019, Start Num: 84
Candidate Starts for Target_71:
(Start: 72 @43855 has 2 MA's), (Start: 84 @43837 has 45 MA's), (Start: 98 @43825 has 245 MA's), (133, 43741), (Start: 138 @43723 has 1 MA's), (Start: 146 @43672 has 1 MA's), (152, 43657), (196, 43471), (212, 43426), (260, 43336), (262, 43330), (271, 43315), (283, 43258), (286, 43243), (300, 43207), (302, 43198), (324, 43117), (338, 43051), (339, 43045), (342, 43027),

Gene: TarsusIV_71 Start: 44411, Stop: 43512, Start Num: 98
Candidate Starts for TarsusIV_71:
(Start: 98 @44411 has 245 MA's), (Start: 130 @44339 has 19 MA's), (Start: 138 @44309 has 1 MA's), (161, 44216), (175, 44156), (286, 43751), (287, 43745), (302, 43703), (338, 43541),

Gene: Tarynearal_66 Start: 42607, Stop: 41795, Start Num: 90
Candidate Starts for Tarynearal_66:
(Start: 90 @42607 has 50 MA's), (149, 42454), (Start: 158 @42433 has 1 MA's), (175, 42373), (182, 42352), (263, 42130), (283, 42037), (288, 42013), (296, 41995), (314, 41941), (320, 41917), (321, 41908), (342, 41803),

Gene: Tasp14_71 Start: 45484, Stop: 44660, Start Num: 77
Candidate Starts for Tasp14_71:
(60, 45517), (Start: 77 @45484 has 47 MA's), (Start: 98 @45466 has 245 MA's), (133, 45382), (Start: 138 @45364 has 1 MA's), (Start: 146 @45313 has 1 MA's), (196, 45112), (260, 44977), (262, 44971), (271, 44956), (274, 44950), (283, 44899), (286, 44884), (300, 44848), (302, 44839), (324, 44758), (338, 44692), (339, 44686), (342, 44668),

Gene: Taurus_78 Start: 44049, Stop: 43234, Start Num: 110
Candidate Starts for Taurus_78:
(24, 44229), (Start: 110 @44049 has 232 MA's), (Start: 123 @44022 has 7 MA's), (Start: 158 @43866 has 1 MA's), (166, 43842), (173, 43815), (178, 43797), (253, 43596), (260, 43572), (271, 43548), (302, 43428), (307, 43410), (314, 43380), (338, 43266), (342, 43242),

Gene: Temprado_77 Start: 43394, Stop: 42573, Start Num: 98
Candidate Starts for Temprado_77:
(22, 43607), (Start: 98 @43394 has 245 MA's), (Start: 130 @43331 has 19 MA's), (Start: 138 @43301 has 1 MA's), (159, 43214), (161, 43208), (166, 43184), (245, 42956), (283, 42827), (287, 42806), (288, 42803), (291, 42794), (302, 42767), (338, 42605),

Gene: Teodoridan_68 Start: 43151, Stop: 42330, Start Num: 81
Candidate Starts for Teodoridan_68:
(39, 43235), (Start: 81 @43151 has 5 MA's), (Start: 95 @43139 has 6 MA's), (133, 43052), (Start: 138 @43034 has 1 MA's), (144, 42992), (Start: 146 @42983 has 1 MA's), (152, 42968), (196, 42782), (212, 42737), (260, 42647), (262, 42641), (271, 42626), (274, 42620), (283, 42569), (286, 42554), (300, 42518), (302, 42509), (324, 42428), (338, 42362), (339, 42356), (342, 42338),

Gene: Terrific_74 Start: 44335, Stop: 43520, Start Num: 98
Candidate Starts for Terrific_74:
(Start: 98 @44335 has 245 MA's), (Start: 130 @44266 has 19 MA's), (Start: 138 @44236 has 1 MA's), (155, 44161), (161, 44143), (261, 43849), (262, 43846), (302, 43711), (338, 43549),

Gene: Texage_69 Start: 43639, Stop: 42845, Start Num: 108
Candidate Starts for Texage_69:
(Start: 108 @43639 has 55 MA's), (Start: 158 @43465 has 1 MA's), (253, 43195), (260, 43171), (304, 43027), (320, 42967), (338, 42877), (342, 42853),

Gene: Thanksgivukkah_67 Start: 43156, Stop: 42365, Start Num: 110
Candidate Starts for Thanksgivukkah_67:
(21, 43369), (Start: 110 @43156 has 232 MA's), (Start: 123 @43129 has 7 MA's), (Start: 158 @42982 has 1 MA's), (166, 42958), (211, 42781), (252, 42715), (260, 42688), (271, 42667), (283, 42610), (284, 42601), (304, 42547), (338, 42397),

Gene: Theia_66 Start: 43096, Stop: 42281, Start Num: 90
Candidate Starts for Theia_66:
(Start: 90 @43096 has 50 MA's), (149, 42943), (Start: 158 @42922 has 1 MA's), (175, 42862), (182, 42841), (263, 42619), (283, 42523), (288, 42499), (296, 42481), (314, 42427), (320, 42403), (321, 42394), (338, 42313), (342, 42289),

Gene: TheloniousMonk_73 Start: 46529, Stop: 45711, Start Num: 84
Candidate Starts for TheloniousMonk_73:
(Start: 72 @46547 has 2 MA's), (Start: 84 @46529 has 45 MA's), (Start: 98 @46517 has 245 MA's), (133, 46433), (Start: 138 @46415 has 1 MA's), (Start: 146 @46364 has 1 MA's), (152, 46349), (196, 46163), (212, 46118), (260, 46028), (262, 46022), (271, 46007), (283, 45950), (286, 45935), (300, 45899), (302, 45890), (324, 45809), (338, 45743), (339, 45737), (342, 45719),

Gene: Thor_69 Start: 43323, Stop: 42589, Start Num: 130
Candidate Starts for Thor_69:
(63, 43437), (64, 43434), (67, 43431), (Start: 130 @43323 has 19 MA's), (Start: 146 @43242 has 1 MA's), (152, 43227), (196, 43041), (260, 42906), (262, 42900), (271, 42885), (274, 42879), (283, 42828), (286, 42813), (300, 42777), (302, 42768), (324, 42687), (338, 42621), (339, 42615), (342, 42597),

Gene: Tiffany_76 Start: 43934, Stop: 43119, Start Num: 110
Candidate Starts for Tiffany_76:
(24, 44114), (Start: 110 @43934 has 232 MA's), (Start: 123 @43907 has 7 MA's), (Start: 158 @43751 has 1 MA's), (166, 43727), (173, 43700), (178, 43682), (253, 43481), (260, 43457), (271, 43433), (302, 43313), (307, 43295), (314, 43265), (338, 43151), (342, 43127),

Gene: Tiger_67 Start: 42538, Stop: 41723, Start Num: 90
Candidate Starts for Tiger_67:
(Start: 90 @42538 has 50 MA's), (149, 42385), (Start: 158 @42364 has 1 MA's), (175, 42304), (182, 42283), (263, 42061), (283, 41965), (288, 41941), (296, 41923), (314, 41869), (320, 41845), (321,

41836), (338, 41755), (342, 41731),

Gene: Timothy_76 Start: 43891, Stop: 43076, Start Num: 98
Candidate Starts for Timothy_76:
(Start: 98 @43891 has 245 MA's), (139, 43786), (Start: 146 @43741 has 1 MA's), (161, 43699), (165, 43681), (190, 43573), (262, 43402), (283, 43330), (287, 43309), (302, 43270), (338, 43108),

Gene: Timshel_69 Start: 46410, Stop: 45610, Start Num: 101
Candidate Starts for Timshel_69:
(Start: 101 @46410 has 6 MA's), (Start: 158 @46227 has 1 MA's), (164, 46212), (168, 46197), (252, 45960), (254, 45954), (264, 45924), (273, 45909), (283, 45855), (286, 45840), (304, 45792), (338, 45642),

Gene: TinaFeyge_66 Start: 43153, Stop: 42362, Start Num: 110
Candidate Starts for TinaFeyge_66:
(Start: 110 @43153 has 232 MA's), (Start: 123 @43126 has 7 MA's), (Start: 158 @42979 has 1 MA's), (166, 42955), (211, 42778), (252, 42712), (260, 42685), (271, 42664), (283, 42607), (284, 42598), (304, 42544), (338, 42394),

Gene: TinyPebbles_76 Start: 44079, Stop: 43264, Start Num: 110
Candidate Starts for TinyPebbles_76:
(24, 44259), (50, 44154), (Start: 110 @44079 has 232 MA's), (Start: 158 @43896 has 1 MA's), (166, 43872), (173, 43845), (178, 43827), (253, 43626), (260, 43602), (271, 43578), (302, 43458), (307, 43440), (338, 43296), (342, 43272),

Gene: TinyTimmy_74 Start: 43620, Stop: 42805, Start Num: 98
Candidate Starts for TinyTimmy_74:
(Start: 98 @43620 has 245 MA's), (139, 43515), (Start: 146 @43470 has 1 MA's), (161, 43428), (165, 43410), (173, 43377), (190, 43302), (262, 43131), (283, 43059), (287, 43038), (302, 42999), (338, 42837),

Gene: Tinybot_67 Start: 43188, Stop: 42397, Start Num: 110
Candidate Starts for Tinybot_67:
(Start: 110 @43188 has 232 MA's), (Start: 123 @43161 has 7 MA's), (Start: 158 @43014 has 1 MA's), (166, 42990), (211, 42813), (252, 42747), (260, 42720), (271, 42699), (283, 42642), (284, 42633), (304, 42579), (338, 42429),

Gene: TipsytheTRex_73 Start: 43978, Stop: 43109, Start Num: 98
Candidate Starts for TipsytheTRex_73:
(Start: 98 @43978 has 245 MA's), (Start: 124 @43933 has 6 MA's), (140, 43855), (147, 43825), (161, 43786), (283, 43360), (287, 43339), (302, 43300), (338, 43138),

Gene: TiroTheta9_67 Start: 43152, Stop: 42361, Start Num: 110
Candidate Starts for TiroTheta9_67:
(Start: 110 @43152 has 232 MA's), (Start: 123 @43125 has 7 MA's), (Start: 158 @42978 has 1 MA's), (166, 42954), (211, 42777), (252, 42711), (260, 42684), (271, 42663), (283, 42606), (284, 42597), (304, 42543), (338, 42393),

Gene: Toaka_75 Start: 43993, Stop: 43154, Start Num: 98
Candidate Starts for Toaka_75:
(Start: 98 @43993 has 245 MA's), (Start: 123 @43963 has 7 MA's), (Start: 138 @43900 has 1 MA's), (Start: 146 @43849 has 1 MA's), (151, 43837), (161, 43807), (175, 43747), (245, 43540), (261, 43486), (262, 43483), (263, 43480), (286, 43393), (287, 43387), (302, 43348), (308, 43321), (324, 43255),

(338, 43186),

Gene: Todacoro_71 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for Todacoro_71:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: Tomathan_76 Start: 44974, Stop: 44165, Start Num: 107
Candidate Starts for Tomathan_76:
(Start: 107 @44974 has 13 MA's), (Start: 123 @44944 has 7 MA's), (Start: 130 @44911 has 19 MA's), (Start: 138 @44881 has 1 MA's), (159, 44794), (166, 44764), (214, 44581), (262, 44491), (283, 44419), (287, 44398), (302, 44356), (303, 44353), (329, 44239), (331, 44227), (338, 44194),

Gene: ToneTone_73 Start: 42954, Stop: 42133, Start Num: 98
Candidate Starts for ToneTone_73:
(22, 43167), (Start: 98 @42954 has 245 MA's), (Start: 130 @42891 has 19 MA's), (Start: 138 @42861 has 1 MA's), (159, 42774), (161, 42768), (166, 42744), (245, 42516), (283, 42387), (287, 42366), (288, 42363), (291, 42354), (302, 42327), (338, 42165),

Gene: Topanga_65 Start: 42818, Stop: 41994, Start Num: 86
Candidate Starts for Topanga_65:
(25, 42977), (Start: 86 @42818 has 16 MA's), (Start: 158 @42611 has 1 MA's), (164, 42596), (260, 42317), (268, 42299), (304, 42176), (320, 42116), (342, 42002),

Gene: Topgun_68 Start: 43658, Stop: 42834, Start Num: 77
Candidate Starts for Topgun_68:
(Start: 77 @43658 has 47 MA's), (Start: 98 @43640 has 245 MA's), (133, 43556), (Start: 138 @43538 has 1 MA's), (Start: 146 @43487 has 1 MA's), (152, 43472), (196, 43286), (212, 43241), (260, 43151), (262, 43145), (271, 43130), (274, 43124), (283, 43073), (286, 43058), (300, 43022), (302, 43013), (324, 42932), (338, 42866), (339, 42860), (342, 42842),

Gene: ToriToki_66 Start: 34349, Stop: 33543, Start Num: 122
Candidate Starts for ToriToki_66:
(Start: 117 @34364 has 14 MA's), (Start: 122 @34349 has 2 MA's), (147, 34226), (159, 34181), (162, 34169), (165, 34154), (171, 34133), (194, 34022), (201, 33992), (239, 33914), (282, 33782), (294, 33740), (299, 33731), (312, 33683), (324, 33629),

Gene: Toro_71 Start: 47184, Stop: 46387, Start Num: 101
Candidate Starts for Toro_71:
(Start: 101 @47184 has 6 MA's), (Start: 123 @47148 has 7 MA's), (Start: 158 @47001 has 1 MA's), (168, 46971), (194, 46851), (283, 46629), (288, 46608), (289, 46605), (293, 46596), (304, 46569), (316, 46527), (320, 46509), (338, 46419),

Gene: Tote_66 Start: 41975, Stop: 41157, Start Num: 84
Candidate Starts for Tote_66:
(Start: 72 @41993 has 2 MA's), (Start: 84 @41975 has 45 MA's), (Start: 98 @41963 has 245 MA's), (133, 41879), (Start: 138 @41861 has 1 MA's), (144, 41819), (Start: 146 @41810 has 1 MA's), (152, 41795), (196, 41609), (212, 41564), (260, 41474), (262, 41468), (271, 41453), (274, 41447), (283, 41396), (286, 41381), (300, 41345), (302, 41336), (324, 41255), (338, 41189), (339, 41183), (342, 41165),

Gene: Travvers_75 Start: 44860, Stop: 44051, Start Num: 107
Candidate Starts for Travvers_75:

(Start: 107 @44860 has 13 MA's), (Start: 123 @44830 has 7 MA's), (Start: 130 @44797 has 19 MA's), (Start: 138 @44767 has 1 MA's), (159, 44680), (166, 44650), (214, 44467), (262, 44377), (283, 44305), (287, 44284), (302, 44242), (303, 44239), (329, 44125), (331, 44113), (338, 44080),

Gene: Treat_66 Start: 34302, Stop: 33481, Start Num: 117
Candidate Starts for Treat_66:
(Start: 117 @34302 has 14 MA's), (Start: 122 @34287 has 2 MA's), (147, 34164), (159, 34119), (162, 34107), (165, 34092), (171, 34071), (194, 33960), (201, 33930), (239, 33852), (259, 33792), (282, 33720), (294, 33678), (299, 33669), (312, 33621), (324, 33567),

Gene: Treddle_69 Start: 45255, Stop: 44452, Start Num: 88
Candidate Starts for Treddle_69:
(Start: 88 @45255 has 4 MA's), (133, 45174), (Start: 138 @45156 has 1 MA's), (Start: 146 @45105 has 1 MA's), (152, 45090), (196, 44904), (212, 44859), (260, 44769), (262, 44763), (271, 44748), (274, 44742), (283, 44691), (286, 44676), (300, 44640), (302, 44631), (324, 44550), (338, 44484), (339, 44478), (342, 44460),

Gene: Trike_65 Start: 42093, Stop: 41251, Start Num: 86
Candidate Starts for Trike_65:
(1, 42438), (25, 42252), (44, 42168), (Start: 86 @42093 has 16 MA's), (92, 42081), (Start: 123 @42030 has 7 MA's), (Start: 158 @41883 has 1 MA's), (164, 41868), (261, 41586), (288, 41472), (304, 41433), (320, 41373), (338, 41283), (342, 41259),

Gene: Tripl3t_72 Start: 46295, Stop: 45492, Start Num: 100
Candidate Starts for Tripl3t_72:
(58, 46352), (Start: 100 @46295 has 31 MA's), (133, 46214), (Start: 138 @46196 has 1 MA's), (152, 46130), (196, 45944), (212, 45899), (260, 45809), (262, 45803), (271, 45788), (283, 45731), (286, 45716), (300, 45680), (302, 45671), (324, 45590), (338, 45524), (339, 45518), (342, 45500),

Gene: Tristan_70 Start: 45433, Stop: 44624, Start Num: 105
Candidate Starts for Tristan_70:
(27, 45607), (38, 45550), (56, 45508), (Start: 68 @45484 has 1 MA's), (Start: 105 @45433 has 4 MA's), (Start: 130 @45367 has 19 MA's), (Start: 138 @45337 has 1 MA's), (161, 45244), (262, 44947), (302, 44815), (338, 44653),

Gene: Trixie_73 Start: 45128, Stop: 44301, Start Num: 98
Candidate Starts for Trixie_73:
(31, 45269), (Start: 98 @45128 has 245 MA's), (Start: 130 @45050 has 19 MA's), (Start: 138 @45020 has 1 MA's), (161, 44927), (262, 44630), (302, 44495),

Gene: Trooper_73 Start: 44377, Stop: 43478, Start Num: 98
Candidate Starts for Trooper_73:
(Start: 98 @44377 has 245 MA's), (Start: 130 @44305 has 19 MA's), (Start: 138 @44275 has 1 MA's), (161, 44182), (175, 44122), (214, 43975), (260, 43810), (286, 43717), (302, 43669), (338, 43507),

Gene: Trouble_70 Start: 45030, Stop: 44194, Start Num: 69
Candidate Starts for Trouble_70:
(Start: 69 @45030 has 6 MA's), (Start: 74 @45021 has 2 MA's), (Start: 82 @45012 has 8 MA's), (Start: 98 @45000 has 245 MA's), (133, 44916), (Start: 138 @44898 has 1 MA's), (Start: 146 @44847 has 1 MA's), (152, 44832), (196, 44646), (212, 44601), (260, 44511), (262, 44505), (271, 44490), (274, 44484), (283, 44433), (286, 44418), (300, 44382), (302, 44373), (324, 44292), (338, 44226), (339, 44220), (342, 44202),

Gene: TroyPia_69 Start: 43192, Stop: 42401, Start Num: 110
Candidate Starts for TroyPia_69:
(Start: 110 @43192 has 232 MA's), (Start: 123 @43165 has 7 MA's), (Start: 158 @43018 has 1 MA's), (211, 42817), (252, 42751), (260, 42724), (271, 42703), (283, 42646), (284, 42637), (304, 42583), (338, 42433),

Gene: Tubs_75 Start: 43671, Stop: 42829, Start Num: 98
Candidate Starts for Tubs_75:
(Start: 98 @43671 has 245 MA's), (Start: 103 @43665 has 2 MA's), (Start: 130 @43602 has 19 MA's), (Start: 138 @43572 has 1 MA's), (151, 43509), (206, 43293), (260, 43161), (261, 43158), (262, 43155), (285, 43068), (302, 43020), (338, 42858),

Gene: Tucker_76 Start: 43157, Stop: 42336, Start Num: 98
Candidate Starts for Tucker_76:
(22, 43370), (Start: 98 @43157 has 245 MA's), (Start: 130 @43094 has 19 MA's), (Start: 138 @43064 has 1 MA's), (159, 42977), (161, 42971), (166, 42947), (245, 42719), (283, 42590), (287, 42569), (288, 42566), (291, 42557), (302, 42530), (338, 42368),

Gene: Turbido_74 Start: 44659, Stop: 43760, Start Num: 98
Candidate Starts for Turbido_74:
(Start: 98 @44659 has 245 MA's), (Start: 112 @44647 has 1 MA's), (Start: 130 @44590 has 19 MA's), (Start: 138 @44560 has 1 MA's), (161, 44467), (175, 44407), (214, 44260), (220, 44245), (231, 44212), (233, 44203), (260, 44092), (302, 43951), (338, 43789),

Gene: Turj99_67 Start: 44832, Stop: 43996, Start Num: 69
Candidate Starts for Turj99_67:
(Start: 69 @44832 has 6 MA's), (Start: 74 @44823 has 2 MA's), (Start: 82 @44814 has 8 MA's), (Start: 98 @44802 has 245 MA's), (133, 44718), (Start: 138 @44700 has 1 MA's), (Start: 146 @44649 has 1 MA's), (152, 44634), (196, 44448), (212, 44403), (260, 44313), (262, 44307), (271, 44292), (274, 44286), (283, 44235), (286, 44220), (300, 44184), (302, 44175), (324, 44094), (338, 44028), (339, 44022), (342, 44004),

Gene: Twigg_66 Start: 42419, Stop: 41607, Start Num: 90
Candidate Starts for Twigg_66:
(Start: 90 @42419 has 50 MA's), (149, 42266), (Start: 158 @42245 has 1 MA's), (175, 42185), (182, 42164), (263, 41942), (283, 41849), (288, 41825), (296, 41807), (314, 41753), (320, 41729), (321, 41720), (342, 41615),

Gene: Twister_67 Start: 42939, Stop: 42115, Start Num: 86
Candidate Starts for Twister_67:
(25, 43098), (Start: 86 @42939 has 16 MA's), (Start: 158 @42732 has 1 MA's), (164, 42717), (260, 42438), (268, 42420), (304, 42297), (320, 42237), (342, 42123),

Gene: TwoPeat_71 Start: 44824, Stop: 44006, Start Num: 84
Candidate Starts for TwoPeat_71:
(Start: 72 @44842 has 2 MA's), (Start: 84 @44824 has 45 MA's), (Start: 98 @44812 has 245 MA's), (133, 44728), (Start: 138 @44710 has 1 MA's), (Start: 146 @44659 has 1 MA's), (152, 44644), (198, 44449), (212, 44413), (260, 44323), (262, 44317), (271, 44302), (274, 44296), (283, 44245), (286, 44230), (300, 44194), (302, 44185), (324, 44104), (338, 44038), (339, 44032), (342, 44014),

Gene: TygerBlood_68 Start: 43158, Stop: 42367, Start Num: 110
Candidate Starts for TygerBlood_68:

(Start: 110 @43158 has 232 MA's), (Start: 123 @43131 has 7 MA's), (Start: 158 @42984 has 1 MA's), (166, 42960), (211, 42783), (252, 42717), (260, 42690), (271, 42669), (283, 42612), (284, 42603), (304, 42549), (338, 42399),

Gene: U2_64 Start: 44522, Stop: 43818, Start Num: 138
Candidate Starts for U2_64:
(83, 44636), (Start: 108 @44618 has 55 MA's), (133, 44540), (Start: 138 @44522 has 1 MA's), (Start: 146 @44471 has 1 MA's), (152, 44456), (196, 44270), (212, 44225), (260, 44135), (262, 44129), (271, 44114), (274, 44108), (283, 44057), (286, 44042), (300, 44006), (302, 43997), (324, 43916), (338, 43850), (339, 43844), (342, 43826),

Gene: Ugenie5_70 Start: 43959, Stop: 43117, Start Num: 98
Candidate Starts for Ugenie5_70:
(91, 43968), (Start: 98 @43959 has 245 MA's), (Start: 130 @43890 has 19 MA's), (Start: 138 @43860 has 1 MA's), (151, 43797), (206, 43581), (260, 43449), (261, 43446), (262, 43443), (285, 43356), (302, 43308), (320, 43236), (338, 43146),

Gene: UhSalsa_56 Start: 39284, Stop: 38478, Start Num: 115
Candidate Starts for UhSalsa_56:
(Start: 115 @39284 has 35 MA's), (119, 39275), (128, 39239), (Start: 138 @39197 has 1 MA's), (140, 39173), (Start: 142 @39167 has 1 MA's), (Start: 158 @39113 has 1 MA's), (164, 39098), (190, 38987), (238, 38879), (278, 38762), (283, 38735), (298, 38690), (299, 38687), (302, 38672), (324, 38591), (339, 38516),

Gene: Ulysses_67 Start: 42844, Stop: 42053, Start Num: 110
Candidate Starts for Ulysses_67:
(Start: 110 @42844 has 232 MA's), (Start: 123 @42817 has 7 MA's), (Start: 158 @42670 has 1 MA's), (166, 42646), (211, 42469), (252, 42403), (260, 42376), (271, 42355), (283, 42298), (284, 42289), (304, 42235), (338, 42085),

Gene: UnionJack_71 Start: 43047, Stop: 42232, Start Num: 90
Candidate Starts for UnionJack_71:
(42, 43134), (Start: 90 @43047 has 50 MA's), (Start: 138 @42957 has 1 MA's), (Start: 158 @42873 has 1 MA's), (175, 42813), (182, 42792), (254, 42600), (260, 42579), (263, 42570), (269, 42534), (274, 42525), (283, 42474), (284, 42465), (288, 42450), (294, 42435), (314, 42378), (320, 42354), (321, 42345), (338, 42264), (342, 42240),

Gene: Updawg_74 Start: 44225, Stop: 43410, Start Num: 98
Candidate Starts for Updawg_74:
(Start: 98 @44225 has 245 MA's), (Start: 130 @44156 has 19 MA's), (Start: 138 @44126 has 1 MA's), (155, 44051), (161, 44033), (262, 43736), (302, 43601), (338, 43439),

Gene: VA6_73 Start: 44421, Stop: 43510, Start Num: 98
Candidate Starts for VA6_73:
(Start: 98 @44421 has 245 MA's), (Start: 130 @44343 has 19 MA's), (Start: 138 @44313 has 1 MA's), (161, 44220), (214, 44013), (220, 43998), (233, 43956), (256, 43866), (302, 43704),

Gene: VC3_75 Start: 44381, Stop: 43506, Start Num: 107
Candidate Starts for VC3_75:
(Start: 107 @44381 has 13 MA's), (Start: 123 @44351 has 7 MA's), (Start: 138 @44288 has 1 MA's), (154, 44219), (159, 44201), (166, 44171), (173, 44144), (214, 43988), (245, 43943), (260, 43838), (262, 43832), (283, 43760), (287, 43739), (302, 43697), (329, 43580), (338, 43535),

Gene: Vanisoa_72 Start: 44336, Stop: 43500, Start Num: 98
Candidate Starts for Vanisoa_72:
(34, 44462), (Start: 98 @44336 has 245 MA's), (Start: 123 @44306 has 7 MA's), (Start: 130 @44273 has 19 MA's), (Start: 138 @44243 has 1 MA's), (Start: 146 @44192 has 1 MA's), (151, 44180), (161, 44150), (175, 44090), (245, 43883), (261, 43829), (262, 43826), (263, 43823), (285, 43739), (287, 43730), (302, 43691), (320, 43619),

Gene: Veracruz_68 Start: 43638, Stop: 42844, Start Num: 108
Candidate Starts for Veracruz_68:
(Start: 108 @43638 has 55 MA's), (Start: 158 @43464 has 1 MA's), (253, 43194), (260, 43170), (304, 43026), (320, 42966), (338, 42876), (342, 42852),

Gene: Violet_66 Start: 45502, Stop: 44684, Start Num: 84
Candidate Starts for Violet_66:
(Start: 75 @45511 has 2 MA's), (Start: 84 @45502 has 45 MA's), (Start: 98 @45490 has 245 MA's), (133, 45406), (Start: 138 @45388 has 1 MA's), (Start: 146 @45337 has 1 MA's), (152, 45322), (196, 45136), (212, 45091), (260, 45001), (262, 44995), (271, 44980), (274, 44974), (283, 44923), (286, 44908), (300, 44872), (302, 44863), (314, 44827), (324, 44782), (328, 44770), (338, 44716), (339, 44710), (342, 44692),

Gene: Vix_73 Start: 44132, Stop: 43317, Start Num: 110
Candidate Starts for Vix_73:
(24, 44312), (Start: 110 @44132 has 232 MA's), (Start: 123 @44105 has 7 MA's), (Start: 158 @43949 has 1 MA's), (166, 43925), (173, 43898), (178, 43880), (253, 43679), (260, 43655), (271, 43631), (302, 43511), (307, 43493), (314, 43463), (338, 43349), (342, 43325),

Gene: VohminGhazi_76 Start: 43231, Stop: 42404, Start Num: 98
Candidate Starts for VohminGhazi_76:
(Start: 98 @43231 has 245 MA's), (121, 43201), (Start: 130 @43159 has 19 MA's), (Start: 138 @43129 has 1 MA's), (Start: 146 @43078 has 1 MA's), (159, 43042), (166, 43012), (175, 42976), (192, 42892), (245, 42784), (261, 42730), (262, 42727), (283, 42655), (287, 42634), (288, 42631), (302, 42595), (338, 42433),

Gene: Vrykolakas_63 Start: 33703, Stop: 32810, Start Num: 71
Candidate Starts for Vrykolakas_63:
(Start: 71 @33703 has 4 MA's), (Start: 74 @33697 has 2 MA's), (93, 33670), (Start: 117 @33637 has 14 MA's), (Start: 122 @33622 has 2 MA's), (169, 33412), (196, 33286), (239, 33187), (257, 33142), (277, 33067), (282, 33043), (283, 33040), (324, 32896),

Gene: WRightOn_67 Start: 33779, Stop: 32940, Start Num: 117
Candidate Starts for WRightOn_67:
(93, 33815), (Start: 117 @33779 has 14 MA's), (Start: 122 @33764 has 2 MA's), (147, 33641), (165, 33569), (201, 33407), (237, 33335), (239, 33329), (282, 33179), (294, 33137), (299, 33128), (324, 33026),

Gene: Waits_81 Start: 44530, Stop: 43727, Start Num: 123
Candidate Starts for Waits_81:
(Start: 98 @44578 has 245 MA's), (Start: 103 @44572 has 2 MA's), (Start: 123 @44530 has 7 MA's), (Start: 130 @44497 has 19 MA's), (Start: 138 @44467 has 1 MA's), (161, 44374), (287, 43963), (288, 43960), (302, 43921), (338, 43759),

Gene: WalterMcMickey_67 Start: 42939, Stop: 42115, Start Num: 86
Candidate Starts for WalterMcMickey_67:

(25, 43098), (Start: 86 @42939 has 16 MA's), (Start: 158 @42732 has 1 MA's), (164, 42717), (260, 42438), (268, 42420), (304, 42297), (320, 42237), (342, 42123),

Gene: Wander_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Wander_68:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Warrior24_82 Start: 45055, Stop: 44204, Start Num: 98
Candidate Starts for Warrior24_82:
(Start: 98 @45055 has 245 MA's), (Start: 103 @45049 has 2 MA's), (Start: 123 @45007 has 7 MA's), (Start: 130 @44974 has 19 MA's), (Start: 138 @44944 has 1 MA's), (161, 44851), (243, 44587), (287, 44440), (288, 44437), (302, 44398), (338, 44236),

Gene: Watermelon_70 Start: 44298, Stop: 43498, Start Num: 109
Candidate Starts for Watermelon_70:
(Start: 109 @44298 has 19 MA's), (133, 44220), (Start: 138 @44202 has 1 MA's), (144, 44160), (Start: 146 @44151 has 1 MA's), (152, 44136), (196, 43950), (212, 43905), (260, 43815), (262, 43809), (271, 43794), (274, 43788), (283, 43737), (286, 43722), (300, 43686), (302, 43677), (324, 43596), (338, 43530), (339, 43524), (342, 43506),

Gene: Watson_76 Start: 44041, Stop: 43226, Start Num: 110
Candidate Starts for Watson_76:
(24, 44221), (Start: 110 @44041 has 232 MA's), (Start: 123 @44014 has 7 MA's), (Start: 158 @43858 has 1 MA's), (166, 43834), (173, 43807), (178, 43789), (253, 43588), (260, 43564), (271, 43540), (302, 43420), (307, 43402), (314, 43372), (338, 43258), (342, 43234),

Gene: WeiHuaDA_74 Start: 45165, Stop: 44347, Start Num: 98
Candidate Starts for WeiHuaDA_74:
(Start: 98 @45165 has 245 MA's), (Start: 130 @45096 has 19 MA's), (Start: 138 @45066 has 1 MA's), (161, 44973), (260, 44682), (287, 44583), (302, 44541),

Gene: Whabigail7_74 Start: 44659, Stop: 43760, Start Num: 98
Candidate Starts for Whabigail7_74:
(Start: 98 @44659 has 245 MA's), (Start: 112 @44647 has 1 MA's), (Start: 130 @44590 has 19 MA's), (Start: 138 @44560 has 1 MA's), (161, 44467), (175, 44407), (214, 44260), (220, 44245), (231, 44212), (233, 44203), (260, 44092), (287, 43993), (302, 43951), (338, 43789),

Gene: Wheeler_73 Start: 45583, Stop: 44765, Start Num: 82
Candidate Starts for Wheeler_73:
(Start: 82 @45583 has 8 MA's), (Start: 124 @45523 has 6 MA's), (133, 45487), (Start: 146 @45418 has 1 MA's), (152, 45403), (196, 45217), (212, 45172), (260, 45082), (262, 45076), (271, 45061), (274, 45055), (283, 45004), (286, 44989), (300, 44953), (302, 44944), (324, 44863), (328, 44851), (338, 44797), (339, 44791), (342, 44773),

Gene: Whitspit_65 Start: 42353, Stop: 41529, Start Num: 77
Candidate Starts for Whitspit_65:
(Start: 77 @42353 has 47 MA's), (Start: 98 @42335 has 245 MA's), (133, 42251), (Start: 138 @42233 has 1 MA's), (144, 42191), (Start: 146 @42182 has 1 MA's), (152, 42167), (196, 41981), (260, 41846), (262, 41840), (271, 41825), (283, 41768), (286, 41753), (300, 41717), (302, 41708), (314, 41672), (324, 41627), (338, 41561), (339, 41555), (342, 41537),

Gene: WideWale_74 Start: 44225, Stop: 43410, Start Num: 98
Candidate Starts for WideWale_74:
(Start: 98 @44225 has 245 MA's), (Start: 130 @44156 has 19 MA's), (Start: 138 @44126 has 1 MA's), (155, 44051), (161, 44033), (262, 43736), (302, 43601), (338, 43439),

Gene: Wiks_75 Start: 43025, Stop: 42204, Start Num: 98
Candidate Starts for Wiks_75:
(22, 43238), (Start: 98 @43025 has 245 MA's), (Start: 130 @42962 has 19 MA's), (Start: 138 @42932 has 1 MA's), (159, 42845), (161, 42839), (166, 42815), (245, 42587), (283, 42458), (287, 42437), (288, 42434), (291, 42425), (302, 42398), (338, 42236),

Gene: Wilbur_68 Start: 43155, Stop: 42364, Start Num: 110
Candidate Starts for Wilbur_68:
(21, 43368), (Start: 110 @43155 has 232 MA's), (Start: 123 @43128 has 7 MA's), (Start: 158 @42981 has 1 MA's), (166, 42957), (211, 42780), (252, 42714), (260, 42687), (271, 42666), (283, 42609), (284, 42600), (304, 42546), (338, 42396),

Gene: Wile_66 Start: 43464, Stop: 42673, Start Num: 110
Candidate Starts for Wile_66:
(Start: 110 @43464 has 232 MA's), (Start: 123 @43437 has 7 MA's), (Start: 158 @43290 has 1 MA's), (166, 43266), (253, 43020), (260, 42996), (283, 42918), (284, 42909), (304, 42855), (338, 42705),

Gene: Wilkins_69 Start: 43588, Stop: 42764, Start Num: 77
Candidate Starts for Wilkins_69:
(Start: 77 @43588 has 47 MA's), (Start: 98 @43570 has 245 MA's), (133, 43486), (Start: 138 @43468 has 1 MA's), (Start: 146 @43417 has 1 MA's), (152, 43402), (196, 43216), (212, 43171), (260, 43081), (262, 43075), (271, 43060), (274, 43054), (283, 43003), (286, 42988), (300, 42952), (302, 42943), (324, 42862), (338, 42796), (339, 42790), (342, 42772),

Gene: Wizard007_67 Start: 43190, Stop: 42399, Start Num: 110
Candidate Starts for Wizard007_67:
(Start: 110 @43190 has 232 MA's), (Start: 123 @43163 has 7 MA's), (Start: 158 @43016 has 1 MA's), (166, 42992), (253, 42746), (260, 42722), (283, 42644), (284, 42635), (304, 42581), (338, 42431),

Gene: Wizzo_36 Start: 24146, Stop: 23205, Start Num: 135
Candidate Starts for Wizzo_36:
(24, 24443), (49, 24338), (65, 24296), (Start: 127 @24173 has 1 MA's), (Start: 135 @24146 has 40 MA's), (200, 23825), (214, 23780), (280, 23552), (285, 23528), (290, 23504), (297, 23492), (321, 23384), (325, 23369),

Gene: Wolpertinger_74 Start: 43923, Stop: 43108, Start Num: 98
Candidate Starts for Wolpertinger_74:
(Start: 98 @43923 has 245 MA's), (139, 43818), (Start: 146 @43773 has 1 MA's), (161, 43731), (165, 43713), (173, 43680), (175, 43671), (190, 43605), (262, 43434), (283, 43362), (287, 43341), (302, 43302), (338, 43140),

Gene: Wooldri_79 Start: 43961, Stop: 43146, Start Num: 110
Candidate Starts for Wooldri_79:
(24, 44141), (50, 44036), (Start: 110 @43961 has 232 MA's), (Start: 158 @43778 has 1 MA's), (166, 43754), (173, 43727), (178, 43709), (253, 43508), (260, 43484), (271, 43460), (302, 43340), (307, 43322), (314, 43292), (338, 43178), (342, 43154),

Gene: WorldCup_73 Start: 43598, Stop: 42762, Start Num: 98

Candidate Starts for WorldCup_73:
(34, 43724), (Start: 98 @43598 has 245 MA's), (Start: 123 @43568 has 7 MA's), (Start: 130 @43535 has 19 MA's), (Start: 138 @43505 has 1 MA's), (140, 43481), (Start: 146 @43454 has 1 MA's), (151, 43442), (161, 43412), (192, 43268), (194, 43262), (206, 43226), (245, 43145), (261, 43091), (262, 43088), (285, 43001), (302, 42953), (320, 42881),

Gene: WunderPhul_76 Start: 43023, Stop: 42202, Start Num: 98
Candidate Starts for WunderPhul_76:
(22, 43236), (Start: 98 @43023 has 245 MA's), (Start: 130 @42960 has 19 MA's), (Start: 138 @42930 has 1 MA's), (159, 42843), (161, 42837), (166, 42813), (245, 42585), (283, 42456), (287, 42435), (288, 42432), (291, 42423), (302, 42396), (338, 42234),

Gene: Xena_66 Start: 43431, Stop: 42640, Start Num: 110
Candidate Starts for Xena_66:
(Start: 110 @43431 has 232 MA's), (Start: 123 @43404 has 7 MA's), (Start: 158 @43257 has 1 MA's), (166, 43233), (253, 42987), (260, 42963), (283, 42885), (284, 42876), (304, 42822), (338, 42672),

Gene: XianYue_69 Start: 44159, Stop: 43344, Start Num: 98
Candidate Starts for XianYue_69:
(Start: 98 @44159 has 245 MA's), (Start: 130 @44090 has 19 MA's), (Start: 138 @44060 has 1 MA's), (161, 43967), (256, 43697), (261, 43673), (262, 43670), (286, 43583), (302, 43535), (338, 43373),

Gene: Yecey3_77 Start: 43793, Stop: 42888, Start Num: 98
Candidate Starts for Yecey3_77:
(Start: 98 @43793 has 245 MA's), (Start: 123 @43760 has 7 MA's), (Start: 130 @43727 has 19 MA's), (Start: 138 @43697 has 1 MA's), (151, 43634), (161, 43604), (206, 43418), (209, 43415), (223, 43382), (241, 43286), (261, 43217), (262, 43214), (263, 43211), (281, 43145), (287, 43118), (294, 43100), (302, 43079), (329, 42962), (338, 42917),

Gene: YoSam321_68 Start: 43152, Stop: 42361, Start Num: 110
Candidate Starts for YoSam321_68:
(Start: 110 @43152 has 232 MA's), (Start: 123 @43125 has 7 MA's), (Start: 158 @42978 has 1 MA's), (166, 42954), (211, 42777), (252, 42711), (260, 42684), (271, 42663), (283, 42606), (284, 42597), (304, 42543), (338, 42393),

Gene: Yogi_56 Start: 39696, Stop: 38887, Start Num: 115
Candidate Starts for Yogi_56:
(Start: 115 @39696 has 35 MA's), (119, 39684), (128, 39648), (140, 39582), (Start: 142 @39576 has 1 MA's), (Start: 158 @39522 has 1 MA's), (164, 39507), (166, 39498), (190, 39396), (278, 39171), (283, 39144), (298, 39099), (299, 39096), (302, 39081), (324, 39000), (338, 38931),

Gene: Yokurt_75 Start: 43025, Stop: 42204, Start Num: 98
Candidate Starts for Yokurt_75:
(22, 43238), (Start: 98 @43025 has 245 MA's), (Start: 130 @42962 has 19 MA's), (Start: 138 @42932 has 1 MA's), (159, 42845), (161, 42839), (166, 42815), (245, 42587), (283, 42458), (287, 42437), (288, 42434), (291, 42425), (302, 42398), (338, 42236),

Gene: Yoncess_55 Start: 39099, Stop: 38290, Start Num: 115
Candidate Starts for Yoncess_55:
(Start: 115 @39099 has 35 MA's), (119, 39087), (128, 39051), (140, 38985), (Start: 142 @38979 has 1 MA's), (Start: 158 @38925 has 1 MA's), (164, 38910), (190, 38799), (278, 38574), (298, 38502), (299, 38499), (302, 38484), (324, 38403), (338, 38334), (339, 38328),

Gene: Zaka_76 Start: 43025, Stop: 42204, Start Num: 98
Candidate Starts for Zaka_76:
(22, 43238), (Start: 98 @43025 has 245 MA's), (Start: 130 @42962 has 19 MA's), (Start: 138 @42932 has 1 MA's), (159, 42845), (161, 42839), (166, 42815), (245, 42587), (283, 42458), (287, 42437), (288, 42434), (291, 42425), (302, 42398), (338, 42236),

Gene: Zarafa_69 Start: 43613, Stop: 42819, Start Num: 108
Candidate Starts for Zarafa_69:
(46, 43685), (Start: 108 @43613 has 55 MA's), (260, 43145), (283, 43061), (304, 43001), (338, 42851),

Gene: Zeigle_63 Start: 33623, Stop: 32784, Start Num: 117
Candidate Starts for Zeigle_63:
(93, 33659), (Start: 117 @33623 has 14 MA's), (Start: 122 @33608 has 2 MA's), (147, 33485), (165, 33413), (201, 33251), (237, 33179), (239, 33173), (282, 33023), (294, 32981), (299, 32972), (324, 32870),

Gene: Zephyr_70 Start: 43558, Stop: 42758, Start Num: 109
Candidate Starts for Zephyr_70:
(Start: 109 @43558 has 19 MA's), (133, 43480), (Start: 138 @43462 has 1 MA's), (Start: 146 @43411 has 1 MA's), (152, 43396), (196, 43210), (212, 43165), (260, 43075), (262, 43069), (271, 43054), (274, 43048), (283, 42997), (286, 42982), (300, 42946), (302, 42937), (324, 42856), (338, 42790), (339, 42784), (342, 42766),

Gene: Zetzy_74 Start: 43429, Stop: 42797, Start Num: 158
Candidate Starts for Zetzy_74:
(24, 43801), (Start: 158 @43429 has 1 MA's), (166, 43405), (173, 43378), (178, 43360), (253, 43159), (260, 43135), (271, 43111), (302, 42991), (307, 42973), (314, 42943), (338, 42829), (342, 42805),

Gene: Zeuska_74 Start: 46586, Stop: 45762, Start Num: 77
Candidate Starts for Zeuska_74:
(60, 46619), (Start: 77 @46586 has 47 MA's), (Start: 98 @46568 has 245 MA's), (133, 46484), (Start: 138 @46466 has 1 MA's), (144, 46424), (Start: 146 @46415 has 1 MA's), (152, 46400), (196, 46214), (212, 46169), (260, 46079), (262, 46073), (271, 46058), (283, 46001), (286, 45986), (300, 45950), (302, 45941), (324, 45860), (338, 45794), (339, 45788), (342, 45770),

Gene: Zimmer_72 Start: 44797, Stop: 43982, Start Num: 103
Candidate Starts for Zimmer_72:
(61, 44860), (Start: 103 @44797 has 2 MA's), (Start: 108 @44791 has 55 MA's), (Start: 130 @44728 has 19 MA's), (Start: 138 @44698 has 1 MA's), (151, 44635), (154, 44629), (159, 44611), (166, 44581), (204, 44425), (262, 44308), (287, 44215), (302, 44173), (338, 44011),

Gene: Zolita_66 Start: 42970, Stop: 42155, Start Num: 90
Candidate Starts for Zolita_66:
(Start: 90 @42970 has 50 MA's), (Start: 138 @42880 has 1 MA's), (Start: 146 @42829 has 1 MA's), (147, 42826), (Start: 158 @42796 has 1 MA's), (175, 42736), (182, 42715), (254, 42523), (263, 42493), (269, 42457), (283, 42397), (284, 42388), (288, 42373), (294, 42358), (314, 42301), (320, 42277), (321, 42268), (342, 42163),

Gene: ZooBear_66 Start: 34368, Stop: 33547, Start Num: 117
Candidate Starts for ZooBear_66:
(Start: 117 @34368 has 14 MA's), (Start: 122 @34353 has 2 MA's), (147, 34230), (159, 34185), (162, 34173), (165, 34158), (171, 34137), (194, 34026), (201, 33996), (239, 33918), (282, 33786), (294, 33744), (299, 33735), (312, 33687), (324, 33633),

Gene: Zulu_77 Start: 43403, Stop: 42582, Start Num: 98
Candidate Starts for Zulu_77:
(22, 43616), (Start: 98 @43403 has 245 MA's), (Start: 130 @43340 has 19 MA's), (Start: 138 @43310 has 1 MA's), (159, 43223), (161, 43217), (166, 43193), (245, 42965), (283, 42836), (287, 42815), (288, 42812), (291, 42803), (302, 42776), (338, 42614),