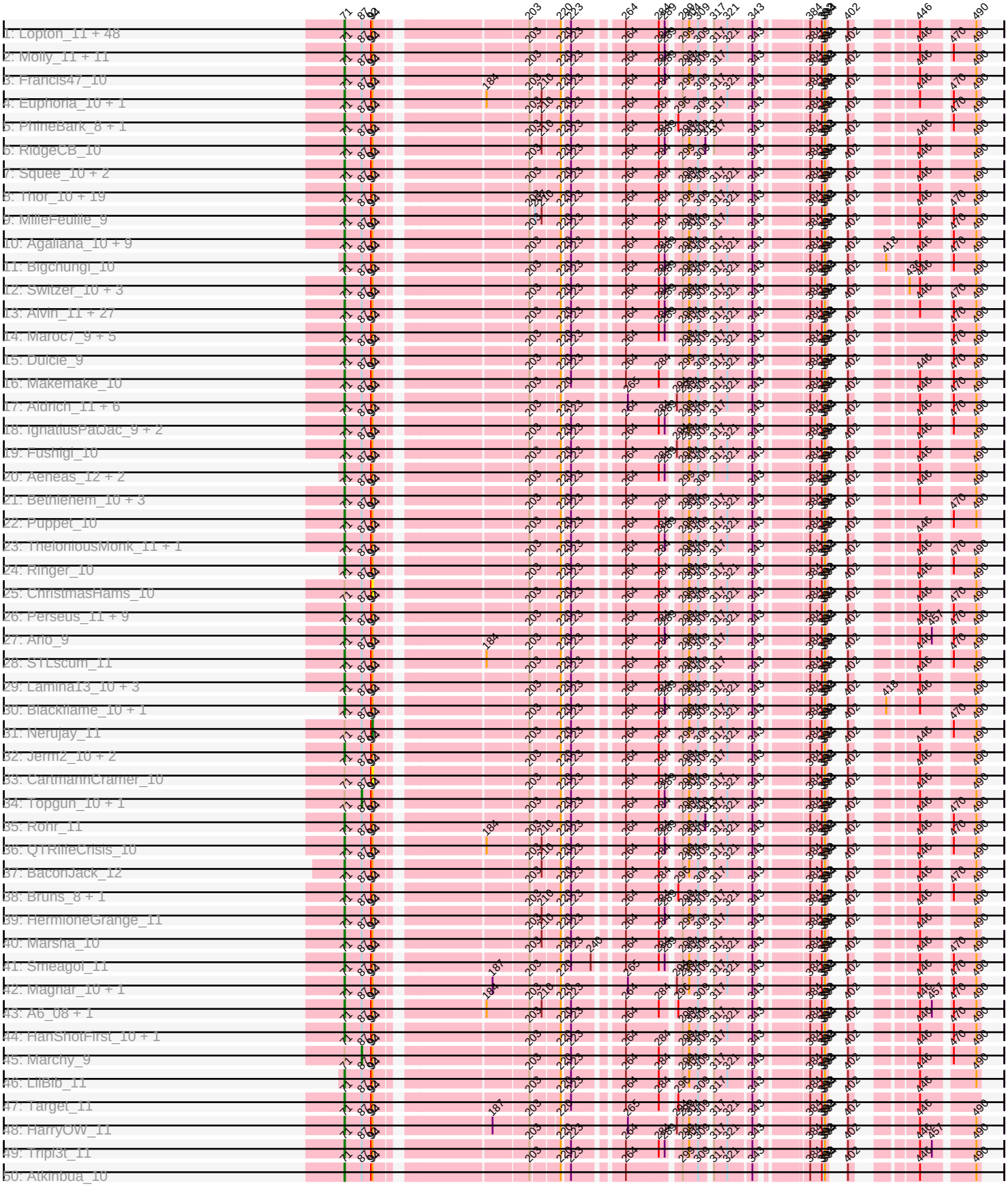
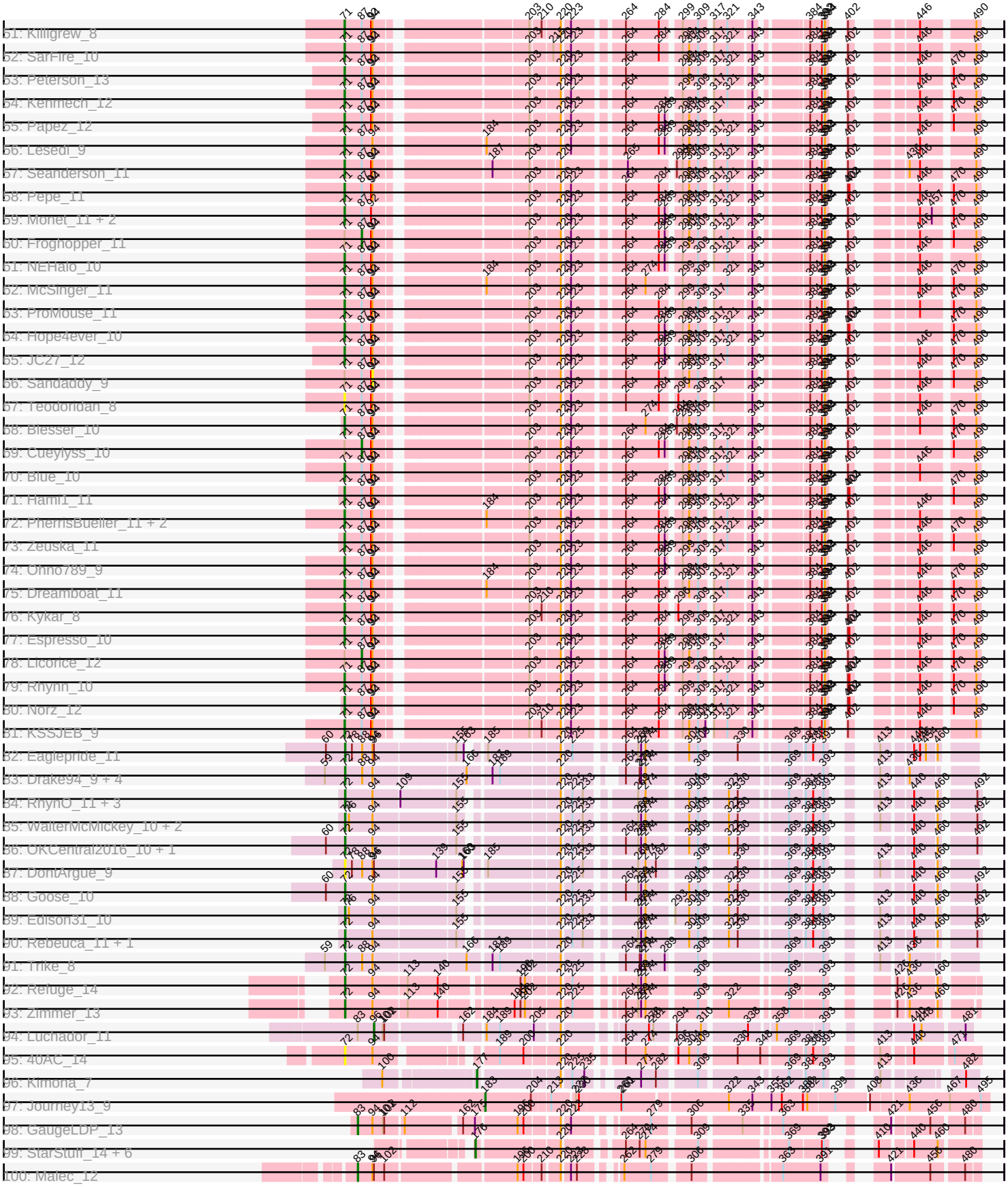
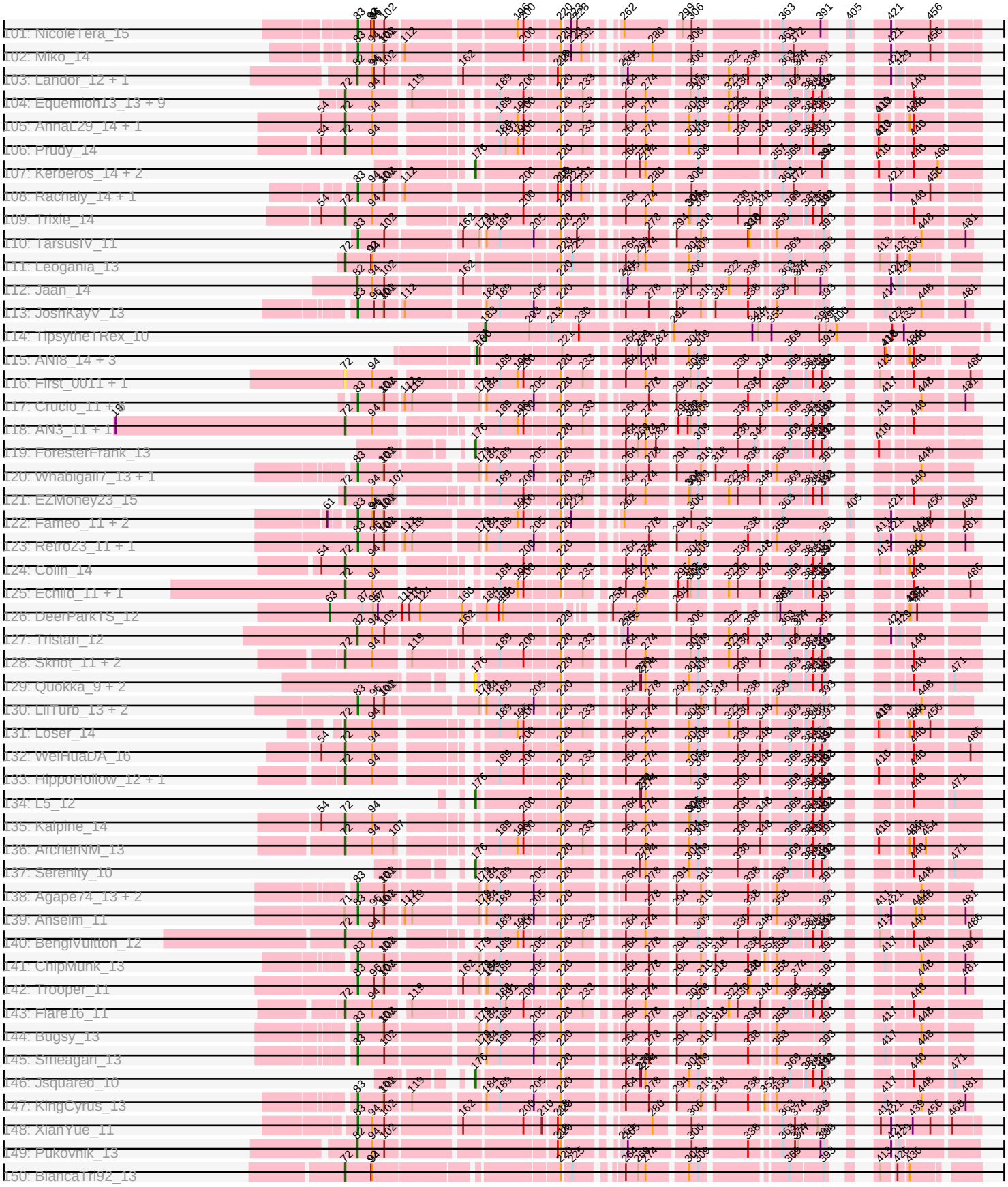
Pham 347009


1: Lopton_11 + 48
2: Molly_11 + 11
3: Francis47_10
4: Euphoria_10 + 1
5: PhineBark_8 + 1
6: RidgeCB_10
7: Squee_10 + 2
8: Thor_10 + 19
9: MillerFeuille_9
10: Agaliana_10 + 9
11: Bigchungi_10
12: Switzer_10 + 3
13: Alvin_11 + 27
14: Maroc7_9 + 5
15: Dulcie_9
16: Makemake_10
17: Aldrich_11 + 6
18: IgnatiusPatJac_9 + 2
19: Fushigi_10
20: Aeneas_12 + 2
21: Bethlehem_10 + 3
22: Puppet_10
23: TheloniousMonk_11 + 1
24: Ringer_10
25: ChristmasHams_10
26: Perseus_11 + 9
27: Arlo_9
28: STLscum_11
29: Lamina13_10 + 3
30: Blackflame_10 + 1
31: Nerujay_11
32: Jerm2_10 + 2
33: CartmannCramer_10
34: Topgun_10 + 1
35: Rohr_11
36: QTRifleCrisis_10
37: BaconJack_12
38: Bruns_8 + 1
39: HermioneGrange_11
40: Marsha_10
41: Smeagol_11
42: Maghar_10 + 1
43: A6_08 + 1
44: HanShotFirst_10 + 1
45: Marchy_9
46: LilBib_11
47: Target_11
48: HarryOW_11
49: Tripl3t_11
50: Atkinbua_10

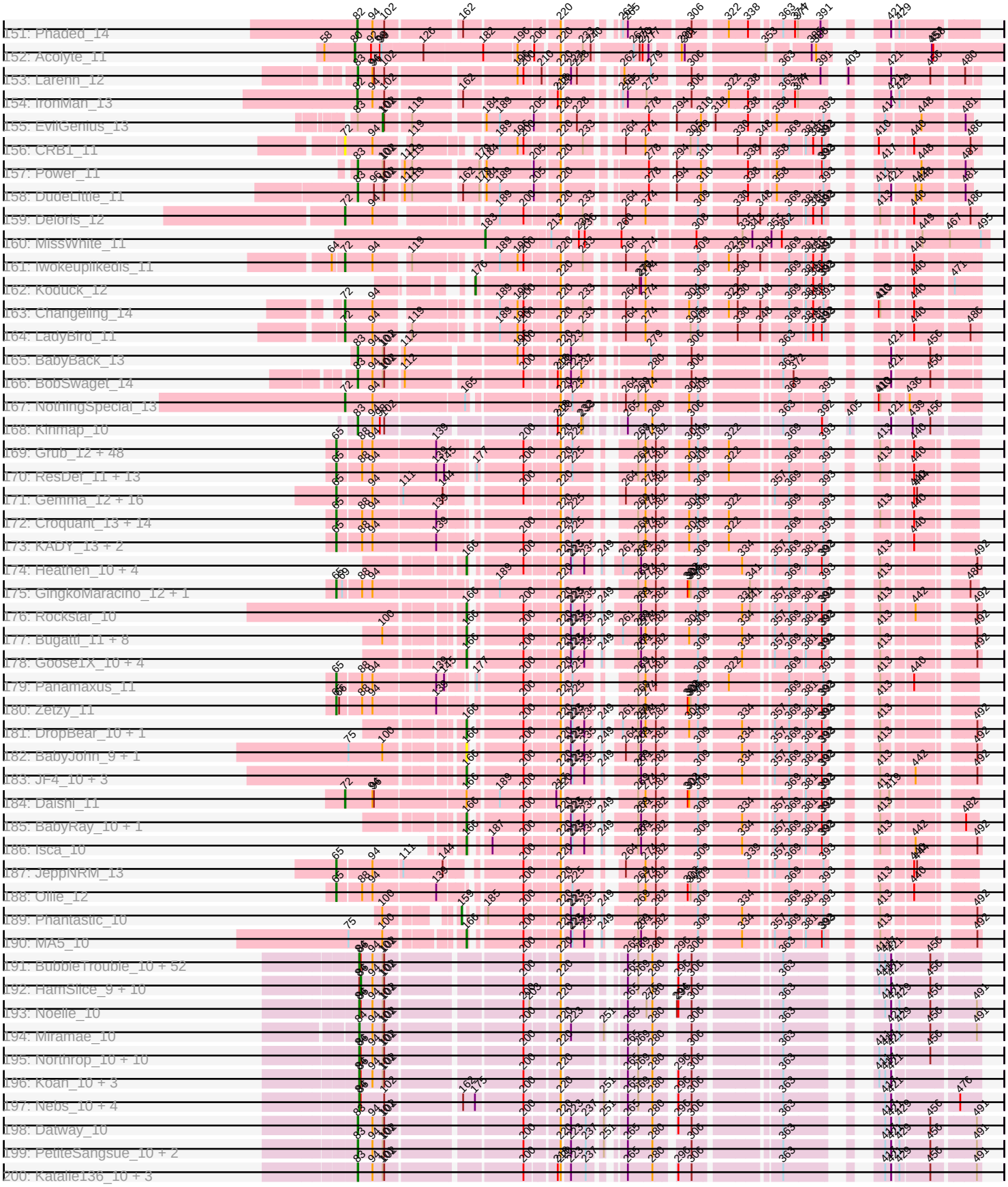
Pham 347009


51: Killigrew_8
52: SanFire_10
53: Peterson_13
54: Kenmech_12
55: Papez_12
56: Lesedi_9
57: Seanderson_11
58: Pepe_11
59: Monet_11 + 2
60: Froghopper_11
61: NEHalo_10
62: McSinger_11
63: ProMouse_11
64: Hope4ever_10
65: JC27_12
66: Sandaddy_9
67: Teodoridan_8
68: Blesser_10
69: Cueylyss_10
70: Blue_10
71: Hamil_11
72: PhernisBueller_11 + 2
73: Zeuska_11
74: Ohno789_9
75: Dreamboat_11
76: Kykai_8
77: Espresso_10
78: Licorice_12
79: Rhynn_10
80: Norz_12
81: KSSJEB_9
82: Eaglepride_11
83: Drake94_9 + 4
84: RhynO_11 + 3
85: WalterMcMickey_10 + 2
86: OKCentral2016_10 + 1
87: DontArgue_9
88: Goose_10
89: Edison31_10
90: Rebeuca_11 + 1
91: Trike_8
92: Refuge_14
93: Zimmer_13
94: Luchador_11
95: 40AC_14
96: Kimona_7
97: Journey13_9
98: GaugeLDP_13
99: StarStuff_14 + 6
100: Malec_12

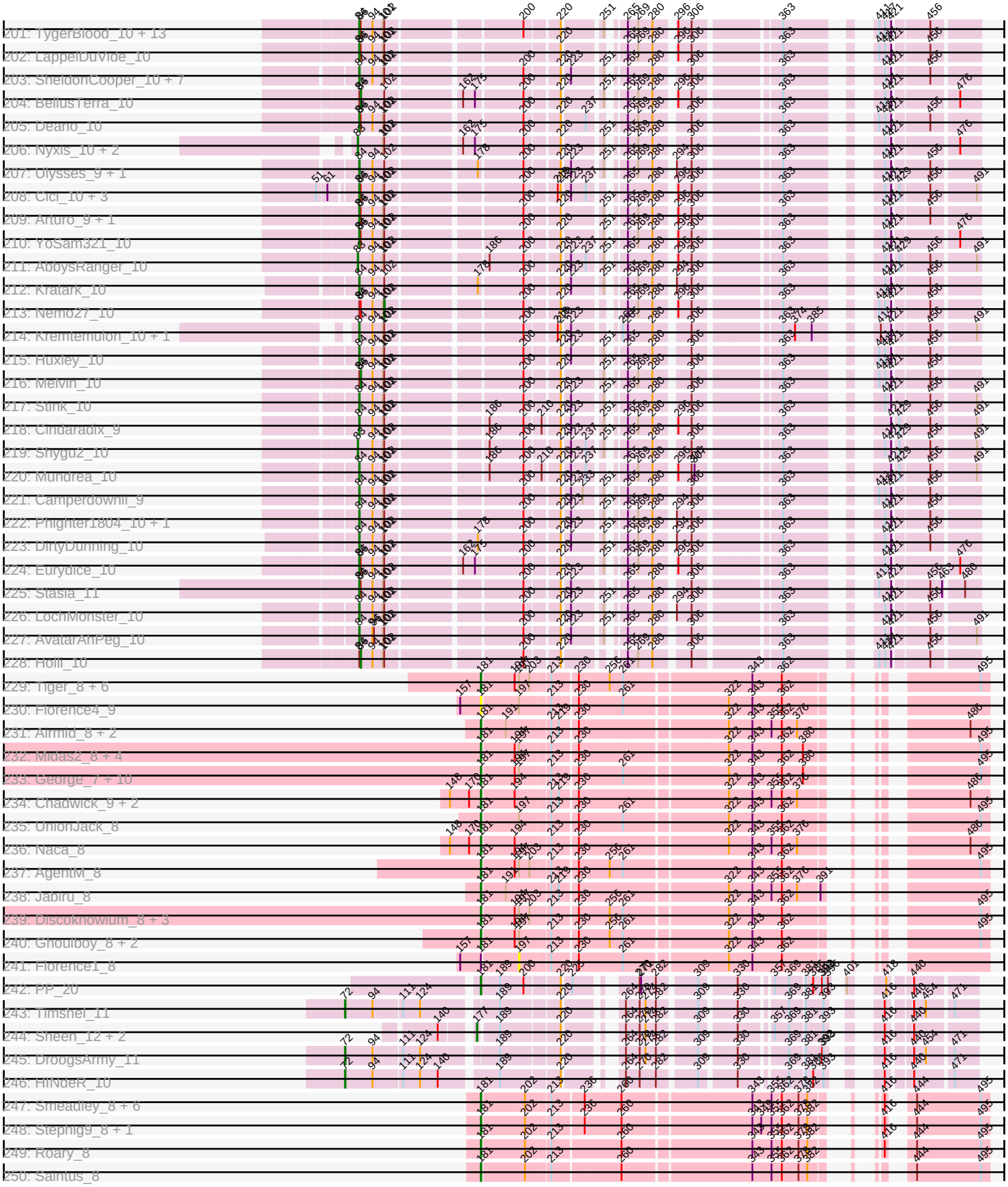
Pham 347009


I01: NicoleTera_15
I02: Miko_14
I03: Landor_12 + 1
I04: Equemion13_13 + 9
I05: AnnaL29_14 + 1
I06: Prudy_14
I07: Kerberos_14 + 2
I08: Rachaly_14 + 1
I09: Trixie_14
I10: TarsusIV_11
I11: Leogania_13
I12: Jaan_14
I13: JoshKayV_13
I14: TipsytheTRex_10
I15: ANI8_14 + 3
I16: First_0011 + 1
I17: Crucio_11 + 2
I18: AN3_11 + 1
I19: ForesterFrank_13
I20: Whabigail7_13 + 1
I21: EZMoney23_15
I22: Fameo_11 + 2
I23: Retro23_11 + 1
I24: Colin_14
I25: Echild_11 + 1
I26: DeerParkTS_12
I27: Tristan_12
I28: Sknot_11 + 2
I29: Quokka_9 + 2
I30: LilTurb_13 + 2
I31: Loser_14
I32: WeiHuaDA_16
I33: HippoHollow_12 + 1
I34: L5_12
I35: Kalpine_14
I36: ArcherNM_13
I37: Serenity_10
I38: Agape74_13 + 2
I39: Anselm_11
I40: BengtVulliton_12
I41: ChipMunk_13
I42: Trooper_11
I43: Flare16_11
I44: Bugsy_13
I45: Smeagan_13
I46: Jsquared_10
I47: KingCyrus_13
I48: XianYue_11
I49: Pukovnik_13
I50: BiancaTM92_13

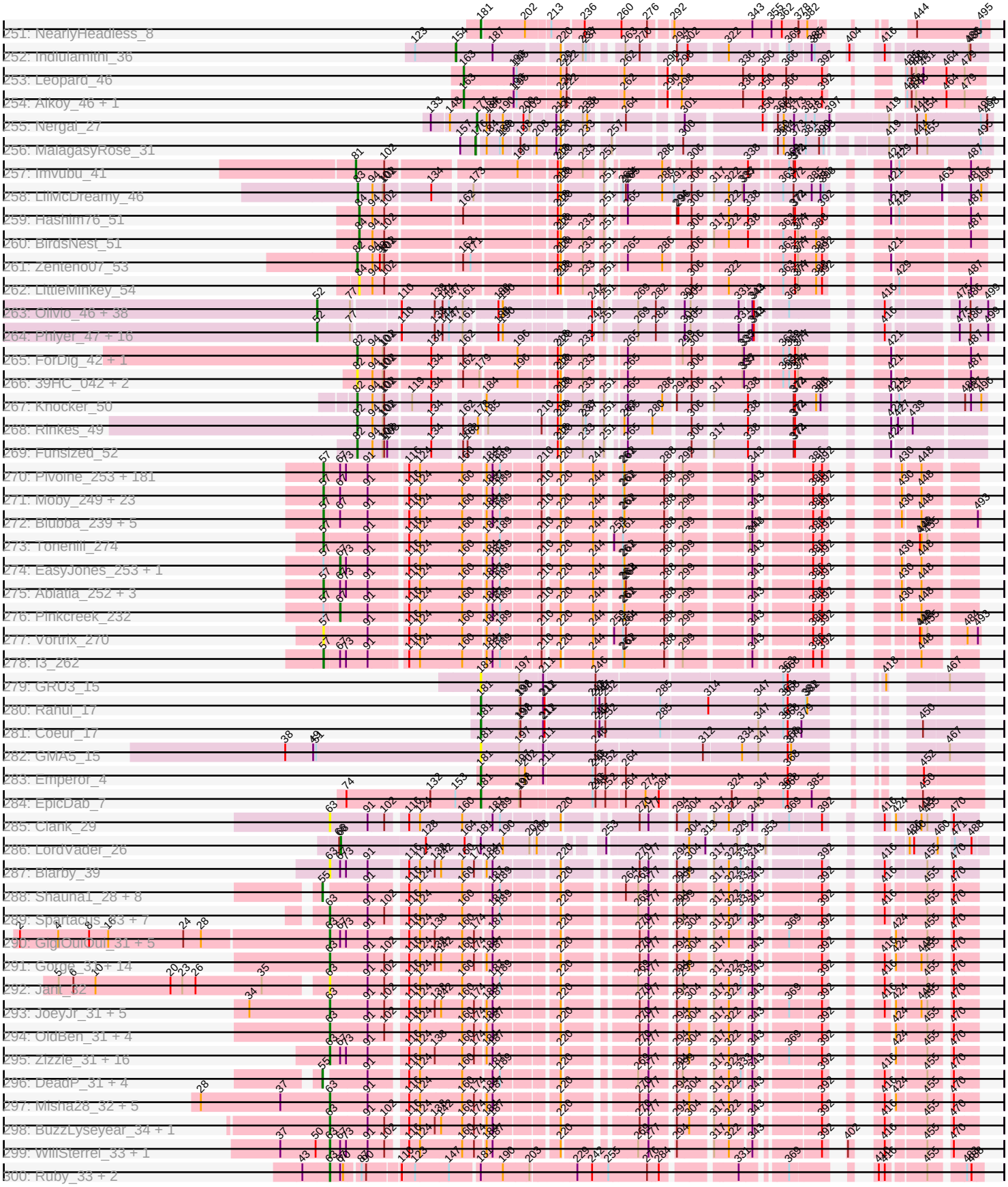
Pham 347009


151: Phaded_14
152: Acolyte_11
153: Larenn_12
154: IronMan_13
155: EvilGenius_13
156: CRB1_11
157: Power_11
158: DudeLittle_11
159: Deloris_12
160: MissWhite_11
161: Iwokeuplikedis_11
162: Koduck_12
163: Changeling_14
164: LadyBird_11
165: BabyBack_13
166: BobSwaget_14
167: NothingSpecial_13
168: Kinmap_10
169: Grub_12 + 48
170: ResDel_11 + 13
171: Gemma_12 + 16
172: Croquant_13 + 14
173: KADY_13 + 2
174: Heathen_10 + 4
175: GingkoMaracino_12 + 1
176: Rockstar_10
177: Bugatti_11 + 8
178: Goose1X_10 + 4
179: Panamaxus_11
180: Zetzy_11
181: DropBear_10 + 1
182: BabyJohn_9 + 1
183: JF4_10 + 3
184: Daishi_11
185: BabyRay_10 + 1
186: Isca_10
187: JeppNRM_13
188: Ollie_12
189: Phantastic_10
190: MA5_10
191: BubbleTrouble_10 + 52
192: HamSlice_9 + 10
193: Noelle_10
194: Miramae_10
195: Northrop_10 + 10
196: Koan_10 + 3
197: Nebs_10 + 4
198: Datway_10
199: PetiteSangsue_10 + 2
200: Kataile136_10 + 3

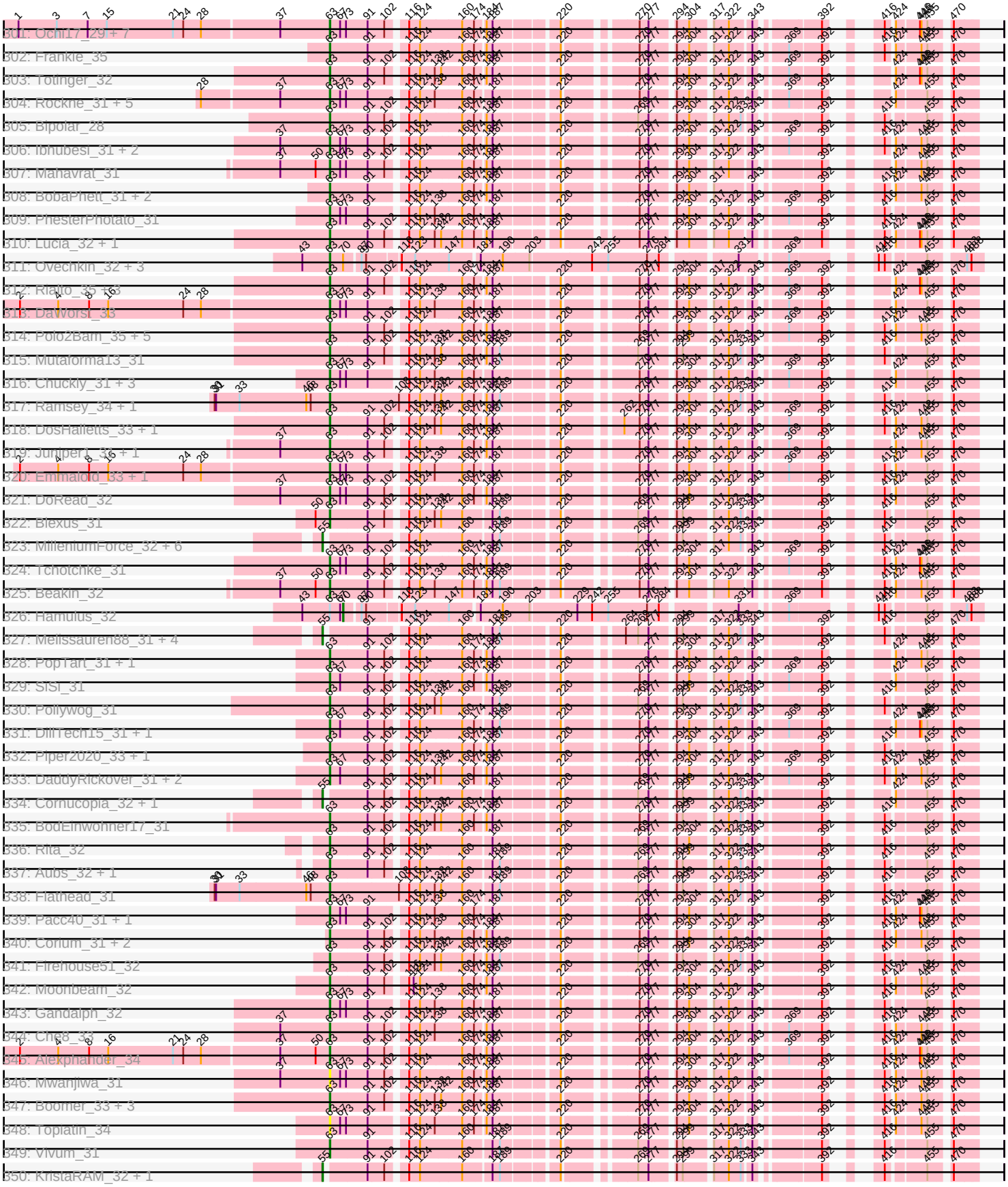
Pham 347009


201: TygerBlood_10 + 13
202: LappelDuVide_10
203: SheldonCooper_10 + 7
204: BellusTerra_10
205: Deano_10
206: Nyxis_10 + 2
207: Ulysses_9 + 1
208: Cici_10 + 3
209: Arturo_9 + 1
210: YoSam321_10
211: AbbysRanger_10
212: Kratark_10
213: Nemo27_10
214: Kremlemulon_10 + 1
215: Huxley_10
216: Melvin_10
217: Stink_10
218: Cindaradix_9
219: Shygu2_10
220: Mundrea_10
221: Camperdownii_9
222: Phighter1804_10 + 1
223: DirtyDunning_10
224: Eurydice_10
225: Stasia_11
226: LochMonster_10
227: AvatarAnPeg_10
228: Holli_10
229: Tiger_8 + 6
230: Florence4_9
231: Airmid_8 + 2
232: Midas2_8 + 4
233: George_7 + 10
234: Chadwick_9 + 2
235: UnionJack_8
236: Naca_8
237: AgentM_8
238: Jabiru_8
239: Discokhowlium_8 + 3
240: Ghoulboy_8 + 2
241: Florence1_8
242: PP_20
243: Timshel_11
244: Sheen_12 + 2
245: DroogsArmy_11
246: HINdeR_10
247: Smeadley_8 + 6
248: Stephig9_8 + 1
249: Roary_8
250: Saintus_8

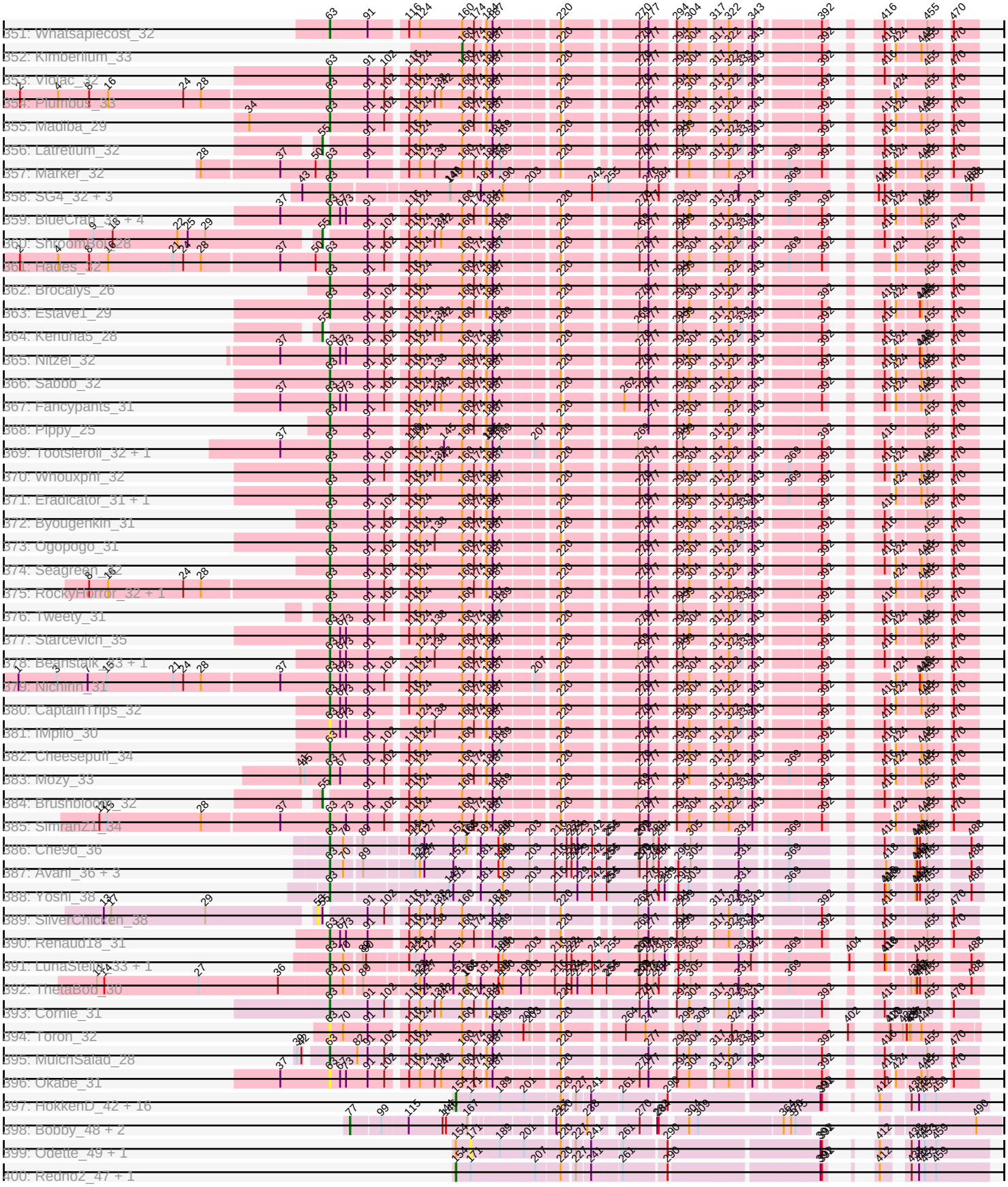
Pham 347009


251: NearlyHeadless_8
252: Indiulamithi_36
253: Leopard_46
254: Alkoy_46 + 1
255: Nergal_27
256: MalagasyRose_31
257: Imvubu_41
258: LilMcDreamy_46
259: Hashim76_51
260: BirdsNest_51
261: Zenteno07_53
262: LittleMinkey_54
263: Olivio_46 + 38
264: Pmyer_47 + 16
265: ForDig_42 + 1
266: 39HC_042 + 2
267: Knocker_50
268: Rinkes_49
269: Funsized_52
270: Pivoine_253 + 181
271: Moby_249 + 23
272: Blubba_239 + 5
273: Tohenili_274
274: EasyJones_253 + 1
275: Ablatia_252 + 3
276: Pinkcreek_232
277: Vortrix_270
278: I3_262
279: GRU3_15
280: Rahul_17
281: Coeur_17
282: GMA5_15
283: Emperor_4
284: EpicDab_7
285: Clank_29
286: LordVader_26
287: Blarby_39
288: Shauna1_28 + 8
289: Spartacus_63 + 7
290: GigiOuiOui_31 + 5
291: Gorge_30 + 14
292: Jant_32
293: JoeyJr_31 + 5
294: OldBen_31 + 4
295: Zizzie_31 + 16
296: DeadP_31 + 4
297: Misha28_32 + 5
298: BuzzLyseyear_34 + 1
299: WillSterrel_33 + 1
300: Ruby_33 + 2

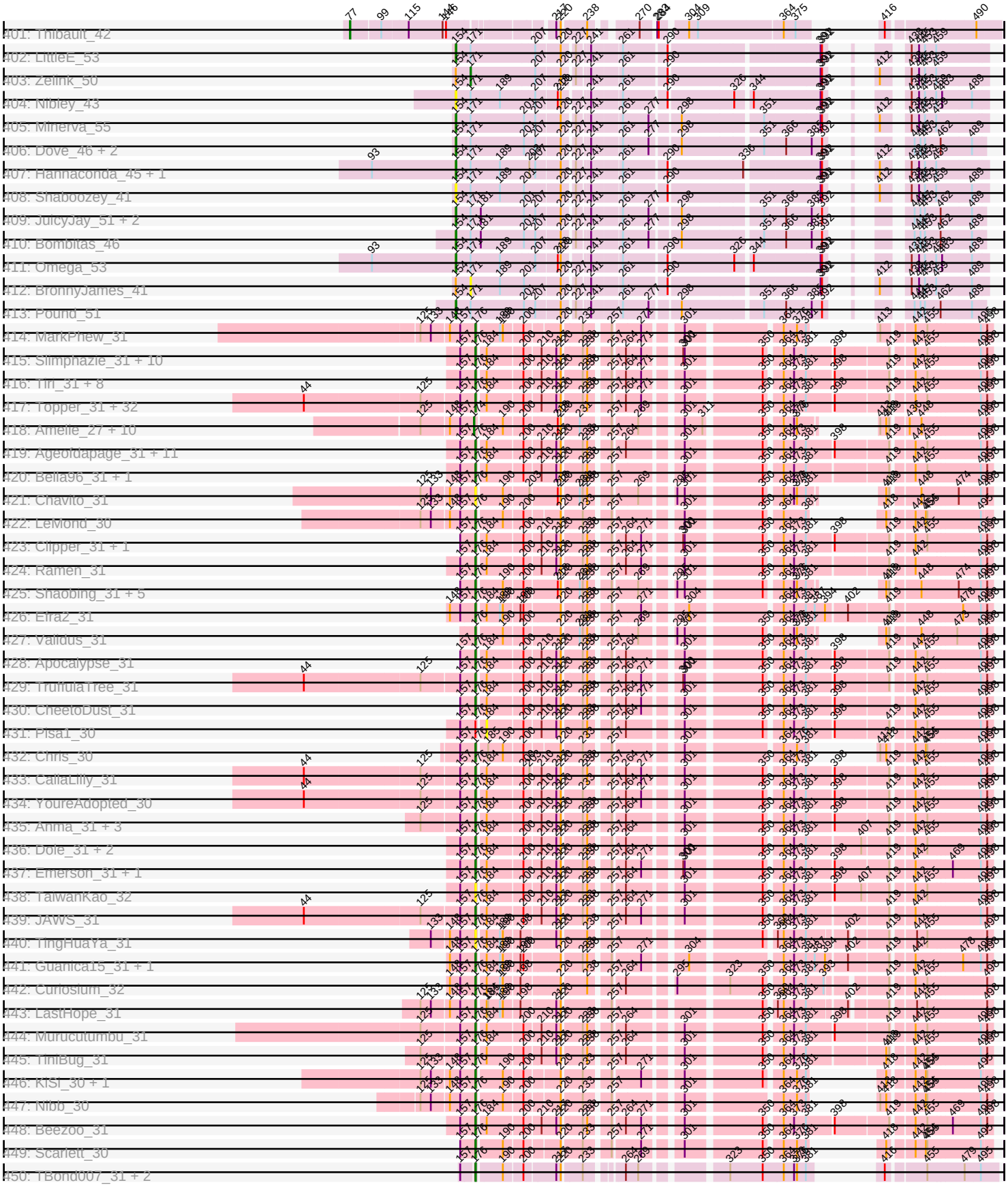
Pham 347009



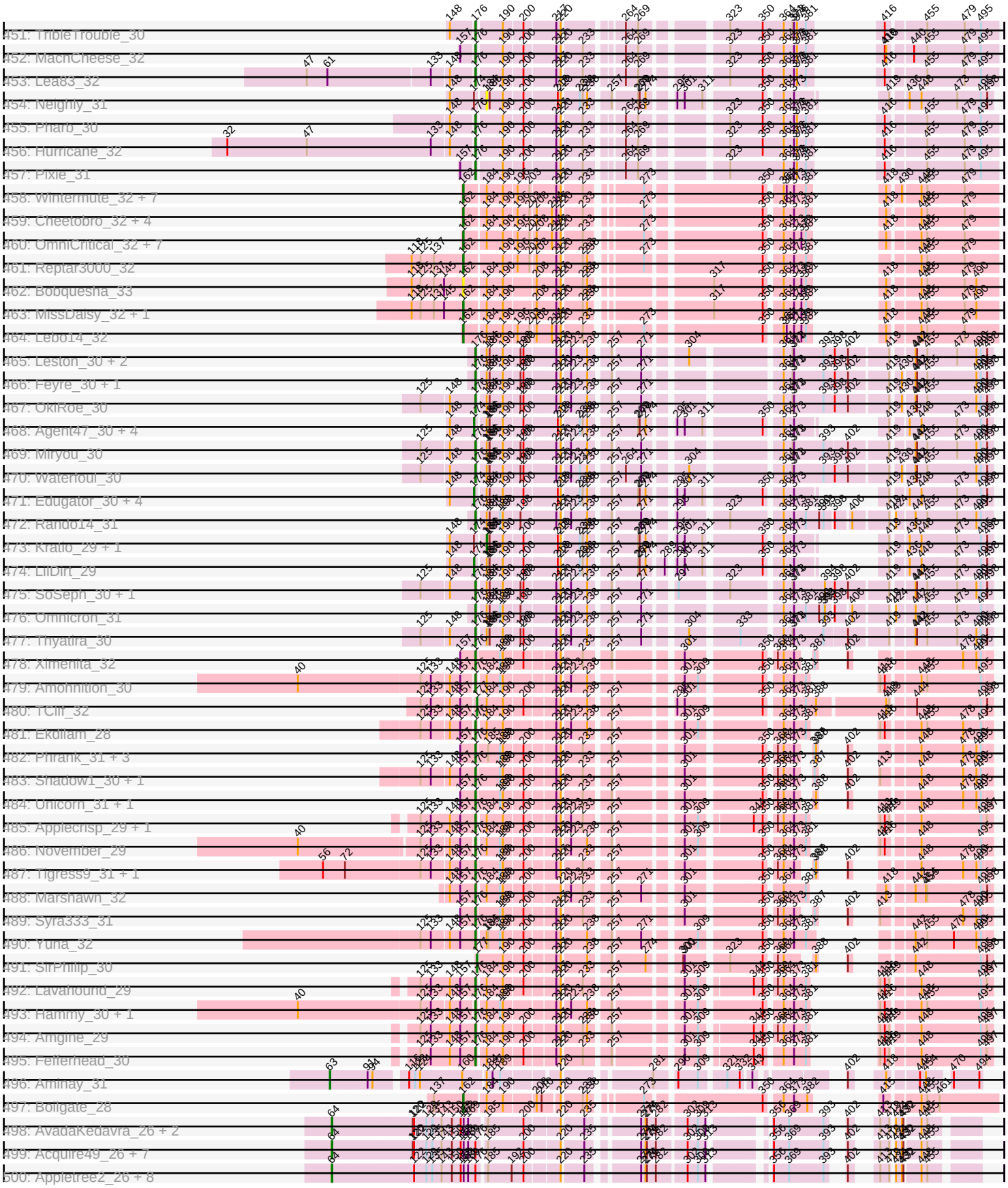
Pham 347009


351: Whatsapiecost_32
352: Kimberlium_33
353: Violac_32
354: Plumbous_33
355: Madiba_29
356: Latretium_32
357: Marker_32
358: SG4_32 + 3
359: BlueCrab_33 + 4
360: Shroom8ob_28
361: Hades_32
362: Brocalys_26
363: Estave1_29
364: Kenuna5_28
365: Nitzel_32
366: Sabob_32
367: Fancypants_31
368: Pippy_25
369: Tootsieroll_32 + 1
370: Whouxphi_32
371: Eradicator_31 + 1
372: Byougenkin_31
373: Ogopogo_31
374: Seagreen_32
375: RockyHorror_32 + 1
376: Tweety_31
377: Starcevich_35
378: Beanstalk_33 + 1
379: Nichirin_31
380: CaptainThips_32
381: IMpilo_30
382: Cheesepuff_34
383: Mozy_33
384: Brushbloom_32
385: SimranZ11_34
386: Che90_36
387: Avani_36 + 3
388: Yoshi_38
389: SilverChicken_38
390: Renaud18_31
391: LunaStella_33 + 1
392: ThetaBoo_30
393: Cornie_31
394: Toron_32
395: MulchSalad_28
396: Okabe_31
397: HokkenD_42 + 16
398: Bobby_48 + 2
399: Odette_49 + 1
400: Redno2_47 + 1

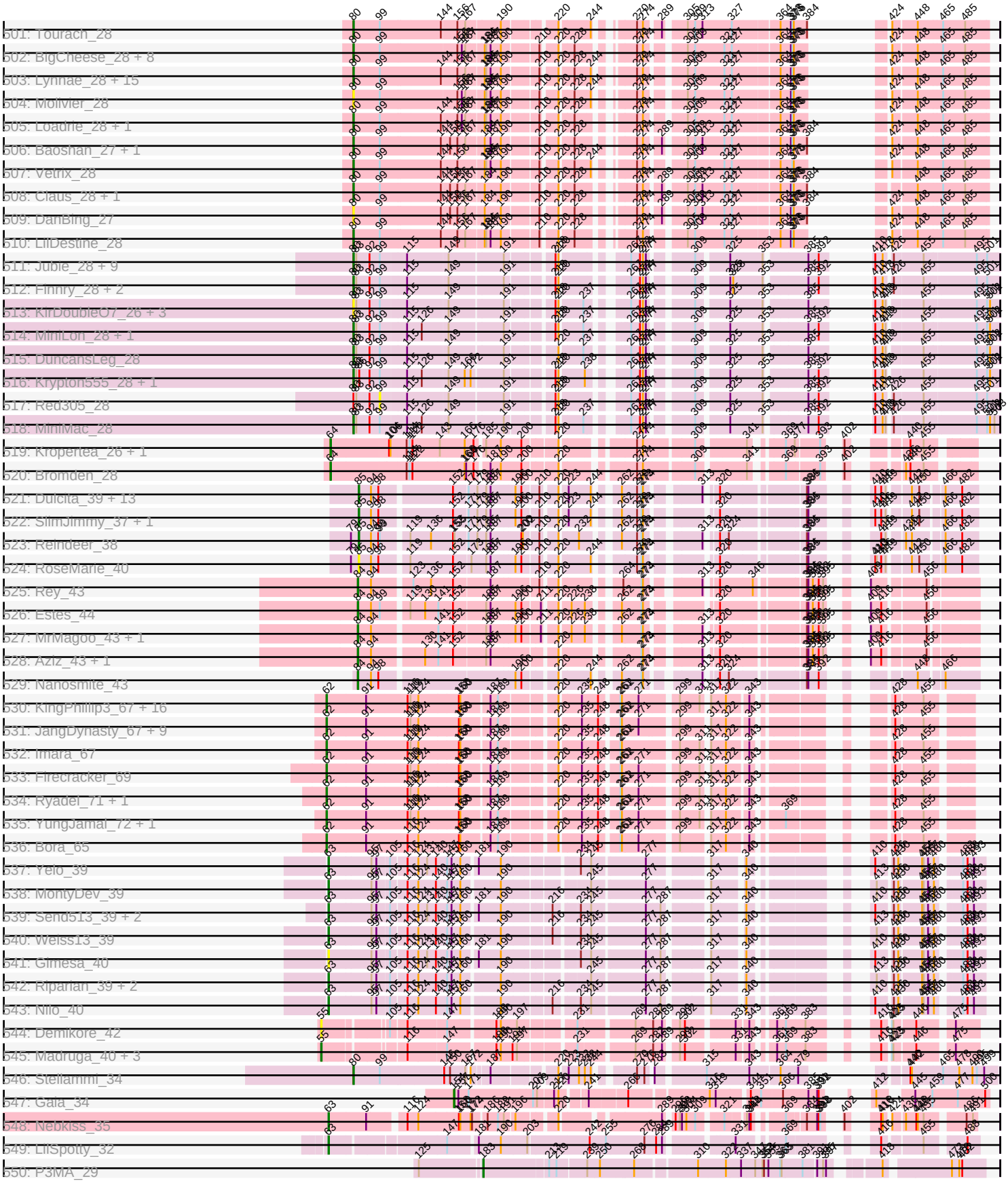
Pham 347009



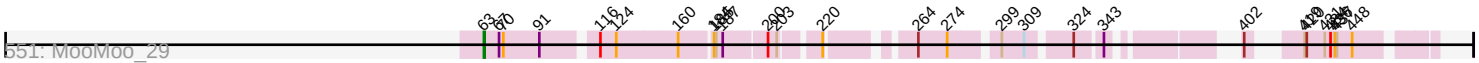
Pham 347009


451: TribleTrouble_30
452: MachCheese_32
453: Lea83_32
454: Neighly_31
455: Pharb_30
456: Hurricane_32
457: Pixie_31
458: Wintermute_32 + 7
459: Cheetobro_32 + 4
460: OmniCritical_32 + 7
461: Reptar3000_32
462: Bobquesha_33
463: MissDaisy_32 + 1
464: Lebo14_32
465: Leston_30 + 2
466: Feyre_30 + 1
467: OkiRoe_30
468: Agent47_30 + 4
469: Miryou_30
470: Waterfoul_30
471: Edugator_30 + 4
472: Rando14_31
473: Kratio_29 + 1
474: LilDirt_29
475: SoSeph_30 + 1
476: Omnicron_31
477: Thyatira_30
478: Ximenita_32
479: Amonnition_30
480: TCM_32
481: Ekdilam_28
482: Phrank_31 + 3
483: Shadow1_30 + 1
484: Unicorn_31 + 1
485: Applecrisp_29 + 1
486: November_29
487: Tigress9_31 + 1
488: Marshawn_32
489: Syra333_31
490: Yuna_32
491: SirPhilip_30
492: Lavahound_29
493: Hammy_30 + 1
494: Amgine_29
495: Fellerhead_30
496: Aminay_31
497: Bollgate_28
498: AvadaKedavra_26 + 2
499: Acquire49_26 + 7
500: Appletree2_26 + 8

Pham 347009


501: Tourach_28
502: BigCheese_28 + 8
503: Lynnae_28 + 15
504: MollMer_28
505: Loadrie_28 + 1
506: Baoshan_27 + 1
507: Vetrix_28
508: Claus_28 + 1
509: DanBing_27
510: LilDestine_28
511: Jubie_28 + 9
512: Finnry_28 + 2
513: KirDoubleO7_26 + 3
514: MiniLon_28 + 1
515: DuncansLeg_28
516: Krypton555_28 + 1
517: Red305_28
518: MiniMac_28
519: Kropertea_26 + 1
520: Bromden_28
521: Dulcita_39 + 13
522: SlimJimmy_37 + 1
523: Reindeer_38
524: RoseMarie_40
525: Rey_43
526: Estes_44
527: MrMagoo_43 + 1
528: Aziz_43 + 1
529: Nanosmite_43
530: KingPhillip3_67 + 16
531: JangDynasty_67 + 9
532: Imara_67
533: Firecracker_69
534: Ryadel_71 + 1
535: YungJamal_72 + 1
536: Bora_65
537: Yelo_39
538: MontyDev_39
539: Send513_39 + 2
540: Weiss13_39
541: Gimesa_40
542: Riparian_39 + 2
543: Nilo_40
544: Demikore_42
545: Madruga_40 + 3
546: Stellamml_34
547: Gaia_34
548: Nebkiss_35
549: LilSpotty_32
550: P3MA_29

Pham 347009


651: MooMoo_29
63
70
91
116
124
160
203
220
264
274
299
309
324
343
402
448

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 347009 Report

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

Pham number 347009 has 1718 members, 154 are drafts.

Phages represented in each track:
• Track 1 : Lopton_11, Acme_11, BigPaolini_11, Parliament_9, Magnito_9, Scowl_11, Lockley_10, Fajezeel_11, PinkPlastic_8, EnzoK_11, Sagefire_11, Pari_11, BigMau_11, Violet_9, Slagathor_10, Smairt_11, Ashballer_8, Bob3_9, StewieG_9, Museum_11, Pippin_11, Arcanine_10, Abrogate_110, Rubeus_10, Sibs6_11, Rajelicia_9, Anglerfish_10, MaryBeth_10, PattyP_11, Ruotula_9, Wilkins_10, Niza_11, DD5_11, Phlippers_9, KBG_11, Sanya_10, KyMonks1A_12, Greg_11, Wheeler_10, MetalQZJ_10, MPlant7149_9, Corvo_10, Burton_10, Bones_10, Oogway_9, Chanagan_9, Homines_10, AFIS_10, LunarLander_10
• Track 2 : Molly_11, Pita2_12, Tote_12, Paraselene_9, JuliaChild_12, Marge_10, Bxb1_9, Barriga_10, PSullivan_12, BPBiebs31_11, Swole_12, Bigfoot_9
• Track 3 : Francis47_10
• Track 4 : Euphoria_10, MrGordo_10
• Track 5 : PhineBark_8, Levia_9
• Track 6 : RidgeCB_10
• Track 7 : Squee_10, Naira_10, Fenn_10
• Track 8 : Thor_10, Iqorha_9, Pelly_11, Mryolo_9, Applejack_10, JackSparrow_10, Bircsak_10, Seabiscuit_11, Altman_11, Gompeii16_10, Sunshine924_9, PascalRango_9, Kanely_11, Dynamix_10, ConceptII_10, Manatee_10, ILeeKay_12, Pinto_12, McGuire_10, Trouble_10
• Track 9 : MilleFeuille_9
• Track 10 : Agaliana_10, Ajay_10, PacerPaul_10, Watermelon_12, Whitspit_11, Sorpresa_10, BarrowTuph_9, Graduation_12, Payneful_10, Adahisdi_11
• Track 11 : Bigchungi_10
• Track 12 : Switzer_10, GMonster_9, BillKnuckles_11, U2_9
• Track 13 : Alvin_11, Doom_10, Petruchio_10, Crispicous1_9, Paphu_9, PowerRanger_10, Marco3_10, Abbyshoes_11, Zeeculate_9, Gandalf20_11, Sumter_9, Gyzlar_11, SpikeBT_11, Inyanga_9, Turj99_9, Traft412_12, Jasper_11, TwoPeat_11, Michley_10, Dussy_11, Solon_10, SkiPole_12, Carlyle_12, Kugel_11, GageAP_11, Snazzy_8, Big3_10, BeesKnees_10
• Track 14 : Maroc7_9, CactusRose_9, Eyeball_10, Fascinus_9, Ciao_10, Marcell_10
• Track 15 : Dulcie_9
• Track 16 : Makemake_10
• Track 17 : Aldrich_11, Noxious_12, Hermia_12, CatBus_11, KikiBouba_12, DirtDevil_11, GroundGoblin_11
• Track 18 : IgnatiusPatJac_9, Buttons_11, BluSpix_10
• Track 19 : Fushigi_10
• Track 20 : Aeneas_12, Mule_10, PhrostyMug_10

• Track 21 : Bethlehem_10, Ichabod_10, Briton15_11, DreamCatcher_11
• Track 22 : Puppet_10
• Track 23 : ThelониousMonk_11, Gwendoluna_11
• Track 24 : Ringer_10
• Track 25 : ChristmasHams_10
• Track 26 : Perseus_11, Forsytheast_9, Mkhuseli_9, Zephyr_10, Petp2012_12, Moose_9, DrFeelGood_9, Tasp14_11, SwissCheese_10, Dexes_11
• Track 27 : Arlo_9
• Track 28 : STLscum_11
• Track 29 : Lamina13_10, Bexan_9, StrongArm_9, Beatrix_9
• Track 30 : Blackflame_10, ShortQueendom_10
• Track 31 : Nerujay_11
• Track 32 : Jerm2_10, Rufus_10, Nhonho_10
• Track 33 : CartmannCramer_10
• Track 34 : Topgun_10, Gachnar_10
• Track 35 : Rohr_11
• Track 36 : QTRlifeCrisis_10
• Track 37 : BaconJack_12
• Track 38 : Bruns_8, Alsfro_14
• Track 39 : HermioneGrange_11
• Track 40 : Marsha_10
• Track 41 : Smeagol_11
• Track 42 : Magnar_10, GrecoEtereo_11
• Track 43 : A6_08, BK1_08
• Track 44 : HanShotFirst_10, Raid_10
• Track 45 : Marchy_9
• Track 46 : LilBib_11
• Track 47 : Target_11
• Track 48 : HarryOW_11
• Track 49 : Tripl3t_11
• Track 50 : Atkinbua_10
• Track 51 : Killigrew_8
• Track 52 : SarFire_10
• Track 53 : Peterson_13
• Track 54 : Kenmech_12
• Track 55 : Papez_12
• Track 56 : Lesedi_9
• Track 57 : Seanderson_11
• Track 58 : Pepe_11
• Track 59 : Monet_11, Edtherson_11, Treddle_11
• Track 60 : Froghopper_11
• Track 61 : NEHalo_10
• Track 62 : McSinger_11
• Track 63 : ProMouse_11
• Track 64 : Hope4ever_10
• Track 65 : JC27_12
• Track 66 : Sandaddy_9
• Track 67 : Teodoridan_8
• Track 68 : Blesser_10
• Track 69 : Cueylyss_10
• Track 70 : Blue_10
• Track 71 : Hami1_11
• Track 72 : PherrisBueller_11, Rutherferd_11, Jorgensen_10

• Track 73 : Zeuska_11
• Track 74 : Ohno789_9
• Track 75 : Dreamboat_11
• Track 76 : Kykar_8
• Track 77 : Espresso_10
• Track 78 : Licorice_12
• Track 79 : Rhynn_10
• Track 80 : Norz_12
• Track 81 : KSSJEB_9
• Track 82 : Eaglepride_11
• Track 83 : Drake94_9, KittenMittens_9, Severus_9, Poompha_9, PeaceMeal1_9
• Track 84 : RhynO_11, Shapes_13, DustyMartin_13, Rowdy_13
• Track 85 : WalterMcMickey_10, Topanga_10, Twister_10
• Track 86 : OKCentral2016_10, Chupacabra_10
• Track 87 : DontArgue_9
• Track 88 : Goose_10
• Track 89 : Edison31_10
• Track 90 : Rebeuca_11, Kristoff_11
• Track 91 : Trike_8
• Track 92 : Refuge_14
• Track 93 : Zimmer_13
• Track 94 : Luchador_11
• Track 95 : 40AC_14
• Track 96 : Kimona_7
• Track 97 : Journey13_9
• Track 98 : GaugeLDP_13
• Track 99 : StarStuff_14, D32_14, Pomar16_14, D29_12, Travvers_14, Naji_14, Tomathan_14
• Track 100 : Malec_12
• Track 101 : NicoleTera_15
• Track 102 : Miko_14
• Track 103 : Landor_12, Bactobuster_12
• Track 104 : Equemioh13_13, Drake55_13, Piro94_12, WideWale_13, Centaur_13, Updawg_13, HarryHoudini_13, Gratitude_13, Baehexic_12, Terrific_13
• Track 105 : AnnaL29_14, RedRock_14
• Track 106 : Prudy_14
• Track 107 : Kerberos_14, Duplo_14, DBQu4n_14
• Track 108 : Rachaly_14, Lokk_14
• Track 109 : Trixie_14
• Track 110 : TarsusIV_11
• Track 111 : Leogania_13
• Track 112 : Jaan_14
• Track 113 : JoshKayV_13
• Track 114 : TipsytheTRex_10
• Track 115 : ANI8_14, C3_09, AN9_14, VC3_14
• Track 116 : First_0011, 20ES_11
• Track 117 : Crucio_11, QueenBeesly_11, FiringLine_11, SemperFi_13, Georgie2_12, SweetiePie_11, SnapTap_11
• Track 118 : AN3_11, VA6_11
• Track 119 : ForesterFrank_13
• Track 120 : Whabigail7_13, Dignity_13
• Track 121 : EZMoney23_15
• Track 122 : Fameo_11, QueenB2_11, Heffalump_13

• Track 123 : Retro23_11, Dalmatian_11
• Track 124 : Colin_14
• Track 125 : Echild_11, Benvolio_11
• Track 126 : DeerParkTS_12
• Track 127 : Tristan_12
• Track 128 : Sknot_11, NaSiaTalie_11, MiculUcigas_11
• Track 129 : Quokka_9, MajorMajor_10, Bradman_10
• Track 130 : LilTurb_13, Jerm_13, Turbido_13
• Track 131 : Loser_14
• Track 132 : WeiHuaDA_16
• Track 133 : HippoHollow_12, LionsBait_12
• Track 134 : L5_12
• Track 135 : Kalpine_14
• Track 136 : ArcherNM_13
• Track 137 : Serenity_10
• Track 138 : Agape74_13, Leviathan_13, AbbyPaige_13
• Track 139 : Anselm_11
• Track 140 : BengiVuitton_12
• Track 141 : ChipMunk_13
• Track 142 : Trooper_11
• Track 143 : Flare16_11
• Track 144 : Bugsy_13
• Track 145 : Smeagan_13
• Track 146 : Jsquared_10
• Track 147 : KingCyrus_13
• Track 148 : XianYue_11
• Track 149 : Pukovnik_13
• Track 150 : BiancaTri92_13
• Track 151 : Phaded_14
• Track 152 : Acolyte_11
• Track 153 : Larenn_12
• Track 154 : IronMan_13
• Track 155 : EvilGenius_13
• Track 156 : CRB1_11
• Track 157 : Power_11
• Track 158 : DudeLittle_11
• Track 159 : Deloris_12
• Track 160 : MissWhite_11
• Track 161 : Iwokeuplikedis_11
• Track 162 : Koduck_12
• Track 163 : Changeling_14
• Track 164 : LadyBird_11
• Track 165 : BabyBack_13
• Track 166 : BobSwaget_14
• Track 167 : NothingSpecial_13
• Track 168 : Kinmap_10
• Track 169 : Grub_12, Microwolf_12, Stagni_12, PGHhamlin_14, Mainiac_12, EpicPhail_12, MuchMore_14, BreSam8_12, Beauxregard13_12, Lilith_12, Pembroke_12, Louie6_12, HashRod_13, Vix_12, LBerry_12, Grum1_12, StepMih_12, LarryKay_12, DaHudson_12, GtownJaz_12, Gwennie_12, SoYo_12, Watson_12, Aglet_12, AgronaGT15_12, Dieselweasel_12, TinyPebbles_12, Wooldri_14, Snickers_12, Lowa_12, PotatoSplit_13, MadMarie_12, Colbster_12, Tiffany_12, Penny1_12, Malinsilva_14, Jobu08_12, Montavir_11, Spike509_12,

Grif_12, Phoxy_12, Methuselah_12, SoilDragon_12, Farber_12, Soshari_14, Sabia_12, Bxz2_12, AugsMagnumOpus_14, Rummer_12
• Track 170 : ResDef_11, Texage_10, Pocahontas_11, Caviar_11, Veracruz_10, QuinnKiro_10, Norbert_10, EtoileNova_11, Todacoro_11, Noella_11, Lambert1_11, Margo_11, Hookmount_11, Popcicle_11
• Track 171 : Gemma_12, HaveUMetTed_13, Manu_13, Groupthink_13, Phranny_13, ClownCar_12, Kalb97_13, OlanP_12, PhishRPhriends_11, Pawn_12, Calvinny_12, Heliosoles_12, PurpleHaze_12, Reba_13, Kalnoky_13, ACFishhook_12, Marius_13
• Track 172 : Croquant_13, Bigflo_12, Marie_12, P28Green_12, LugYA_14, JenCasNa_12, JHC117_12, MoneyMay_12, Sabinator_12, MarQuardt_12, Taurus_12, Cullens_12, Phoebe_12, Fernando_12, Hercules11_12
• Track 173 : KADY_13, Misomonster_14, BuzzBuzz_11
• Track 174 : Heathen_10, Kachowdy_10, HelDan_10, Scout_10, Zarafa_10
• Track 175 : GingkoMaracino_12, Anubis_14
• Track 176 : Rockstar_10
• Track 177 : Bugatti_11, Giroux_11, TNguyen7_10, BlueBird_11, Puppy_11, Idleandcovert_10, Clammy_11, Pistachio_11, SaturnRing_10
• Track 178 : Goose1X_10, Goose1D_10, Shep_10, Fred313_10, Roimos_10
• Track 179 : Panamaxus_11
• Track 180 : Zetzy_11
• Track 181 : DropBear_10, Marchesa_10
• Track 182 : BabyJohn_9, Chiqui_9
• Track 183 : JF4_10, JF2_10, MK4_10, B1_08
• Track 184 : Daishi_11
• Track 185 : BabyRay_10, Cat_8
• Track 186 : Isca_10
• Track 187 : JeppNRM_13
• Track 188 : Ollie_12
• Track 189 : Phantastic_10
• Track 190 : MA5_10
• Track 191 : BubbleTrouble_10, Mayonnaise_10, Chaph_10, Citius_10, Buckaroo_9, Dhanush_10, Bartimeaus_10, Palestino_10, JoongJeon_10, Sabertooth_10, Eros_10, Scamp_10, Baby16_10, Cocoaberry_10, Maverick_10, SenorClean_10, Florean_10, Happiness_10, Clarenza_10, Sparxx_10, PeterPeter_10, RockieBear_10, Maxo_10, Druantia_10, Kampy_10, Spino_10, Roosevelt_10, Connomayer_10, KFPoly_10, Phacado_10, Shaka_10, Wizard007_10, Gadost_10, NotAPhaseMom_10, Blackmoor_10, Sultana_10, OKaNui_10, Phelipe_10, Alberto7_11, Lorenzo_10, CentreCat_10, TinaFeyge_10, Jaykayelowell_10, LittleB_10, Wander_10, TroyPia_10, Iceman_10, Eapen_10, Bruiser_10, Houdini22_10, Mazhar510_10, Abdiel_10, Caelakin_10
• Track 192 : HamSlice_9, MeeZee_10, SteMason_10, Flux_10, Burger_9, ICleared_10, Pipcraft_10, Peaches_10, Eagle_9, Medusa_10, Avle17_10
• Track 193 : Noelle_10
• Track 194 : Miramae_10
• Track 195 : Northrop_10, Wilbur_10, NorthStar_10, Ruin_10, Broseidon_10, Romney_10, Relief_10, Koreni_9, Rocksand_10, TiroTheta9_10, Junimo_9
• Track 196 : Koan_10, Kyee_10, Lunsford_11, Lemur_10
• Track 197 : Nebs_10, Polymorphads_10, Ohfah_10, LeoAvram_10, Morrow_10
• Track 198 : Datway_10
• Track 199 : PetiteSangsue_10, Perplexer_10, Morpher26_10
• Track 200 : Katalie136_10, Wile_10, Backyardigan_10, Bumblebee11_10
• Track 201 : TygerBlood_10, Thanksgivukkah_10, Skipitt_10, Funston_10, Skadoosh_10, KekoraPapaka_9, Annyong_10, Commander_10, Eris_10,

Taquarus_10, Albee_10, Bombshell_10, Kingmustik0402_10, Millski_10
• Track 202 : LappelDuVide_10
• Track 203 : SheldonCooper_10, Tinybot_9, Obama12_10, Cerulean_10, Rosa24_9, ChampagnePapi_10, LHTSCC_10, BangNhom_9
• Track 204 : BellusTerra_10
• Track 205 : Deano_10
• Track 206 : Nyxis_10, LittleGuy_10, Phontbonne_10
• Track 207 : Ulysses_9, Pumbaa_10
• Track 208 : Cici_10, Xena_10, Badger_10, Achebe_10
• Track 209 : Arturo_9, JetBlade_10
• Track 210 : YoSam321_10
• Track 211 : AbbysRanger_10
• Track 212 : Kratark_10
• Track 213 : Nemo27_10
• Track 214 : Kremtemulon_10, Cintron_10
• Track 215 : Huxley_10
• Track 216 : Melvin_10
• Track 217 : Stink_10
• Track 218 : Cindaradix_9
• Track 219 : Shygu2_10
• Track 220 : Mundrea_10
• Track 221 : Camperdownii_9
• Track 222 : Phighter1804_10, Iracema64_10
• Track 223 : DirtyDunning_10
• Track 224 : Eurydice_10
• Track 225 : Stasia_11
• Track 226 : LochMonster_10
• Track 227 : AvatarAhPeg_10
• Track 228 : Holli_10
• Track 229 : Tiger_8, PickleBack_8, Conspiracy_8, ForGetIt_8, Archetta_8, Lev2_8, Phlorence_8
• Track 230 : Florence4_9
• Track 231 : Airmid_8, ElTiger69_8, Benedict_8
• Track 232 : Midas2_8, Dublin_7, Coog_8, MarysWell_7, Theia_7
• Track 233 : George_7, Twigg_8, Milcery_8, Cuco_8, Bonamassa_8, HuhtaEnerson15_8, Prinashe11_8, Tarynearal_7, Micasa_8, LittleCherry_8, Swirley_8
• Track 234 : Chadwick_9, Scorpia_9, PetterN_9
• Track 235 : UnionJack_8
• Track 236 : Naca_8
• Track 237 : AgentM_8
• Track 238 : Jabiru_8
• Track 239 : Discoknowium_8, Bluefalcon_7, Jovo_8, Aragog_8
• Track 240 : Ghoulboy_8, SydNat_8, Zolita_7
• Track 241 : Florence1_8
• Track 242 : PP_20
• Track 243 : Timshel_11
• Track 244 : Sheen_12, FlyCatcher_14, Toro_13
• Track 245 : DroogsArmy_11
• Track 246 : HINdeR_10
• Track 247 : Smeadley_8, Astro_8, Caitlin_8, Expelliarmus_7, Danforth_7, Phillis_8, Groundhog_7
• Track 248 : Stephig9_8, Dixon_8

• Track 249 : Roary_8
• Track 250 : Saintus_8
• Track 251 : NearlyHeadless_8
• Track 252 : Indlulamithi_36
• Track 253 : Leopard_46
• Track 254 : Aikoy_46, Onyinye_47
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• Track 257 : Imvubu_41
• Track 258 : LilMcDreamy_46
• Track 259 : Hashim76_51
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• Track 263 : Olivio_46, TinyTerror_47, SwainyDoc_47, Ben11_46, Glubnar_48, HarveySr_47, Marley1013_47, Tydolla_47, RagingRooster_47, SlippinJimmy_47, Kronus_46, Yahalom_47, Daisy_47, Heathcliff_47, Mortcellus_46, Phayeta_48, Chalmers_47, Phaedrus_45, RomaT_47, Nozo_47, OrangeOswald_47, Marlia_47, Abinghost_47, Deenasa_47, SynergyX_47, MmasiCarm_47, Jackstina_44, ChaChing_47, Neos5_47, Akoma_47, Gervas_47, Philly_46, Morty007_47, Chentzyk_47, Casbah_46, Compostia_48, Mulaychimus_47, Halfpint_46, Devonte_47
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• Track 265 : ForDig_42, Jolie1_042
• Track 266 : 39HC_042, Hosp_040, 40BC_042
• Track 267 : Knocker_50
• Track 268 : Rinkes_49
• Track 269 : Funsized_52
• Track 270 : Pivoine_253, EmmaElysia_257, Naija_253, LolaVinca_248, Phusco_251, Yucca_253, Rabinovish_245, NoodleTree_248, RoMag_247, Littleton_256, JPickles_250, Issimir_246, TinyTim_251, Babyland_255, BigCity_260, InterFolia_254, Labradorite_254, Cactojaque_247, Spud_244, StubbySaigey_259, ValleyTerrace_253, Ewok_251, IkeLoa_246, Blackbrain_251, LRRHood_244, Mikro_246, JigglyPuff_258, Capablanca_257, Megamind_249, Lethe_250, LordLeafolot_253, GoldenSnow_251, Zalkecks_251, Lee7_257, Tyke_249, Koguma_251, FrayBell_255, Pupusa_255, YoungMoneyMata_252, Breeniome_252, Patter_254, Kamryn_251, Napoleon13_249, Bread_249, Turret_243, Ava3_249, Salacia_254, Essence_250, Willis_253, ScottMcG_244, Bowman_254, Catera_241, ArcherS7_253, Rocha_248, Nappy_251, DirtMonster_241, FudgeTart_248, SrishMeg2525_250, Dessert_253, BeanWater_245, Maguvora_253, ZygoTaiga_249, Tortoise16_250, Domi_246, Bipolarisk_250, SmallFry_253, McWolfish_249, SilverDipper_257, SiwenD96_255, Drazdys_249, Melpomini_247, Loanshark_249, Audrick_255, Burrough_253, DrPhinkDaddy_249, Zeenon_253, Norm_252, Primadonna_248, Daffodil_258, Substance289_248, OrediggerDelux_254, Ngannou_247, Fixie_245, Phox_253, Ghost_252, Roots515_255, ChickenPhender_248, Specks_257, BackyardAgain_247, Halldule_244, Khaleesi_251, Kboogie_256, Pio_259, Gizmo_258, Jessibeth14_252, ParkTD_251, Naval22_259, BobaPhatt_246, Dandelion_258, Wally_250, BadAgartude_246, Matsumoto_250, Teardrop_251, Asterius_253, Spec_247, Gamgam_254, Mangeria_252, Jaygup_249, Amataga_253, Iota_249, Janiyra_256, Belieber_246, Fongie_252, Bxz1_238, Lukilu_241, Puhon_253, Tainan_252, GlutenPhree_253,

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• Track 271 : Moby_249, Stubby_235, JulietS_241, Cali_242, Shaqnato_243, SoilZilla_245, ET08_238, Alice_238, Sebata_252, DeejaClivia_239, Ronan_248, Blackdragon_247, ErnieJ_246, Jezreel_249, LinStu_249, JayJay_252, CharlieB_247, Shifa_228, Duckfeet_246, Yassified_248, NuevoMundo_254, Flabslab_247, HyRo_237, Moiqah_248

• Track 272 : Blubba_239, Lunareta_249, Montpel_249, Colt_242, Cane17_241, Maturis_246

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• Track 285 : Clank_29

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• Track 287 : Blarby_39

• Track 288 : Shauna1_28, Doomslug_34, Coco12_31, Sarma624_27, BigPhil_27, Brookers_29, Phanphagia_28, Cerasum_27, Velveteen_27

• Track 289 : Spartacus_33, Donkeykong_31, Bubbles123_33, Juice456_32, NewHope4_35, Hegedechwinu_32, SuperGrey_32, Guppsters_33

• Track 290 : GigiOuiOui_31, Mantra_31, GUmbie_31, Phasih_32, Veteran_31, Karhdo_31

• Track 291 : Gorge_31, Sparkdehlily_31, EmiMonkey_32, Priscilla_31, Saal_31, PhlipPhlop_32, Crumble_25, Radiance_31, OlympiaSaint_31, DRBy19_31, FreddyB_31, Cabrinians_31, Spoonbill_31, Philus_31, TDanisky_31

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• Track 293 : JoeyJr_31, Scottish_32, Doomphist_31, Polka14_32, Poenanya_31, Daenerys_31

• Track 294 : OldBen_31, Empress_32, Dante_31, RitaG_32, Sandalphon_32

• Track 295 : Zizzle_31, Jarcob_31, Koella_25, ShowerHandel_31, LastJedi_25, Martik_31, LilMoolah_31, Jennelsea_25, NormanBulbieJr_31, Yorick_31, Clifton_25, Nivrat_31, SwagPigglett_31, Maravista_31, ShiLan_31, Lizziana_31, Burwell21_31

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• Track 297 : Misha28_32, TootsiePop_32, ChickenDinner_33, DocMcStuffins_33, Awesomesauce_32, Aloeri_33
• Track 298 : BuzzLyseyear_34, Spikelee_33
• Track 299 : WillSterrel_33, IrishSherpFalk_33
• Track 300 : Ruby_33, Girr_33, MisterCuddles_33
• Track 301 : Ochi17_29, Llama_31, Modragons_31, Seabastian_31, Jinglebell_30, OfUltron_31, AlpineSix_32, Oksu_32
• Track 302 : Frankie_35
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• Track 304 : Rockne_31, UncleRicky_34, Drago_32, PMC_31, Phatniss_32, Llij_31
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• Track 306 : Ibhubesi_31, Kersh_30, Harley_31
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• Track 308 : BobaPhett_31, James_31, Mattes_31
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• Track 310 : Lucia_32, DirtMcgirt_32
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• Track 312 : Rialto_35, LittleShirley_34, DotProduct_31, Peridot_34
• Track 313 : DaWorst_33
• Track 314 : Polo2Bam_35, Girafales_32, Enzomatic_35, Florinda_31, Quico_32, SeaLumen_34
• Track 315 : Mutaforma13_31
• Track 316 : Chuckly_31, Krakatau_32, Phalconet_31, XFactor_31
• Track 317 : Ramsey_34, IbOuu_32
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• Track 323 : MilleniumForce_32, Ardmore_30, JalFarm20_34, Filuzino_31, Mova_32, Ms6_25, DLane_31
• Track 324 : Tchotchke_31
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• Track 327 : Melissauren88_31, Akhila_25, Batiatus_31, Fruitloop_30, MilanaBonita_25
• Track 328 : PopTart_31, SassyB_31
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• Track 332 : Piper2020_33, Doug_32
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• Track 335 : BodEinwohner17_31
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• Track 340 : Corium_31, PatoPoderoso_31, KingJulian_31
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• Track 345 : Alexphander_34
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• Track 378 : Beanstalk_33, Wachhund_31
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• Track 386 : Che9d_36
• Track 387 : Avani_36, Demsculpinboyz_36, Jabbawokkie_39, Zapner_38
• Track 388 : Yoshi_38
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• Track 397 : HokkenD_42, DmpstrDiver_50, Phoebus_48, EricMillard_49, Schatzie_46, Wanda_55, Nekros_47, Ejimix_49, Kalah2_49, ThreeRngTarjay_47, Hughesyang_47, Optimus_54, Halley_49, Beem_49, Yeet_47, Duke13_52, BAKA_53
• Track 398 : Bobby_48, Marleymoo_50, Hidrated_47
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• Track 415 : Slimphazie_31, Adephagia_31, Tachez_31, Zabiza_31, ActinUp_31, BarrelRoll_31, Veliki_31, HedwigODU_31, Atiba_31, Jayhawk_31, Rapunzel97_31
• Track 416 : Tiri_31, MeaningOfLife_31, QuincyRose_30, Ganymede_32, Geraldini_31, Pokerus_30, Adonis_31, Mynx_31, Zavala_31
• Track 417 : Topper_31, Twitch_31, Llorens_31, Homura_31, ShiaSurprise_31, Lokum_31, Peel_31, Piatt_31, BaghaKamala_31, Jarvi_31, Hyperbowlee_31, Asayake_31, CaseJules_31, Dalmuri_31, Jeckyll_31, AlishaPH_31, Rosmarinus_31, Blizzard_31, Sulley_31, BEEST_31, Belladonna_31, Lunahalos_31, Inky_31, BGlluviae_31, Spock_31, Padfoot_31, Joy99_31, CREW_31, Angelica_31, Durfee_31, Deby_31, Capricorn_31, Boiiii_31
• Track 418 : Amelie_27, Torres_27, Mdavu_27, Teejan_27, Biglebops_27, Nikao_27, LilPharaoh_27, Trice_27, SgtBeansprout_27, Enkosi_27, Nutello_27
• Track 419 : Ageofdapage_31, Anaya_32, TreyKay_31, LaterM_31, Stinson_32, Megsy_31, Kheparia_33, Bern_31, Prithvi_31, Pisa4_30, CrimD_31, LindNT_31
• Track 420 : Bella96_31, DartGoblin_31
• Track 421 : Chavito_31
• Track 422 : LeMond_30
• Track 423 : Clipper_31, MacKat_31
• Track 424 : Ramen_31
• Track 425 : Shaobing_31, Dartin_31, Richo_31, Peanam_31, McMater_31, Niklas_31
• Track 426 : Efra2_31
• Track 427 : Validus_31
• Track 428 : Apocalypse_31
• Track 429 : TruffulaTree_31
• Track 430 : CheetoDust_31
• Track 431 : Pisa1_30
• Track 432 : Chris_30
• Track 433 : CallaLilly_31
• Track 434 : YoureAdopted_30
• Track 435 : Anma_31, SamuelLPlaqson_31, DrHayes_31, Urkel_31
• Track 436 : Dole_31, Devera_31, Illumine_31
• Track 437 : Emerson_31, Padpat_31

• Track 438 : TaiwanKao_32
• Track 439 : JAWS_31
• Track 440 : TingHuaYa_31
• Track 441 : Guanica15_31, Yunkel11_31
• Track 442 : Curiosium_32
• Track 443 : LastHope_31
• Track 444 : Murucutumbu_31
• Track 445 : TiniBug_31
• Track 446 : KiSi_30, Oscar_30
• Track 447 : Nibb_30
• Track 448 : Beezoo_31
• Track 449 : Scarlett_30
• Track 450 : TBond007_31, Keshu_32, ShedlockHolmes_32
• Track 451 : TribleTrouble_30
• Track 452 : MacnCheese_32
• Track 453 : Lea83_32
• Track 454 : Neighly_31
• Track 455 : Pharb_30
• Track 456 : Hurricane_32
• Track 457 : Pixie_31
• Track 458 : Wintermute_32, YasnayaPolyana_32, Malthus_33, JF1_32, Kraw_32, Y10_32, Y2_32, Fionnbharth_32
• Track 459 : Cheetobro_32, Qhanda_33, Juliette_34, Chancellor_32, Slarp_32
• Track 460 : OmniCritical_32, Taquito_32, Mitti_32, SamScheppers_32, Nolwazi_33, Eponine_34, DanSyl44_35, Ruthiejr_33
• Track 461 : Reptar3000_32
• Track 462 : Bobquesha_33
• Track 463 : MissDaisy_32, Patt_32
• Track 464 : Lebo14_32
• Track 465 : Leston_30, Guillsminger_30, Paola_30
• Track 466 : Feyre_30, Gengar_30
• Track 467 : OkiRoe_30
• Track 468 : Agent47_30, InvictusManeo_30, BananenDer11_30, Collard_30, ViviJ_29
• Track 469 : Miryou_30
• Track 470 : Waterfoul_30
• Track 471 : Edugator_30, AlleyCat_31, Dadosky_31, Psycho_31, Larva_31
• Track 472 : Rando14_31
• Track 473 : Kratio_29, DoubleChamp_30
• Track 474 : LilDirt_29
• Track 475 : SoSeph_30, Heftyboy_30
• Track 476 : Omnicron_31
• Track 477 : Thyatira_30
• Track 478 : Ximenita_32
• Track 479 : Amohnition_30
• Track 480 : TClif_32
• Track 481 : Ekdilam_28
• Track 482 : Phrank_31, Bryler_31, Cain_31, Tierra_31
• Track 483 : Shadow1_30, Sunflower1121_30
• Track 484 : Unicorn_31, PhelpsODU_31
• Track 485 : Applecrisp_29, Ellie_28
• Track 486 : November_29
• Track 487 : Tigress9_31, Krueger_31

• Track 488 : Marshawn_32
• Track 489 : Syra333_31
• Track 490 : Yuna_32
• Track 491 : SirPhilip_30
• Track 492 : Lavahound_29
• Track 493 : Hammy_30, DarthP_30
• Track 494 : Amgine_29
• Track 495 : Fefferhead_30
• Track 496 : Aminay_31
• Track 497 : Boilgate_28
• Track 498 : AvadaKedavra_26, Halena_26, Silverleaf_26
• Track 499 : Acquire49_26, CicholasNage_26, Rose5_26, Tyson_26, Zaria_26, Wyatt2_26, Wamburgrxpress_26, Calm_26
• Track 500 : Appletree2_26, Enceladus_26, DirkDirk_26, Poochiewood_26, JoeDirt_26, MAckerman_26, UPIE_26, OhShagHennessy_26, LeBron_26
• Track 501 : Tourach_28
• Track 502 : BigCheese_28, Itos_28, Faith1_28, BobsGarage_28, Netyap_28, Breezona_28, Miley16_28, Winky_28, DrSeegs_28
• Track 503 : Lynnae_28, Nicholasp3_28, ChengKai98_28, Wigglewiggle_28, Hiraya_28, Wilder_28, Hafay_28, Crossroads_28, Lewan_28, Kahlid_28, Underpass_28, GuuelaD_28, Sarshaun_28, Gardann_28, MkaliMitinis3_28, Soap141_28
• Track 504 : Molivier_28
• Track 505 : Loadrie_28, OverPar_28
• Track 506 : Baoshan_27, ZhongYanYuan_27
• Track 507 : Vetrix_28
• Track 508 : Claus_28, DHan_28
• Track 509 : DanBing_27
• Track 510 : LilDestine_28
• Track 511 : Jubie_28, TriFive_28, Moostard_28, Snenia_28, Jobypre_28, Clautastrophe_28, Nicholas_28, Lumos_28, Kingsolomon_28, MsGreen_28
• Track 512 : Finnry_28, Bellis_28, Samty_28
• Track 513 : KirDoubleO7_26, BourbonZero_27, Ellson_28, LiyuLake_28
• Track 514 : MiniLon_28, Lolly9_28
• Track 515 : DuncansLeg_28
• Track 516 : Krypton555_28, Whirlwind_29
• Track 517 : Red305_28
• Track 518 : MiniMac_28
• Track 519 : Kropertea_26, DyoEdafos_27
• Track 520 : Bromden_28
• Track 521 : Dulcita_39, Bongo_38, Bricole_38, PegLeg_38, TyDawg_38, FreakyGoo_39, Diminimus_39, TpudiCK_39, Glaske16_39, Auspice_38, Izel_39, Skinny_39, LilhomieP_37, IPhane7_38
• Track 522 : SlimJimmy_37, KleverKiS_38
• Track 523 : Reindeer_38
• Track 524 : RoseMarie_40
• Track 525 : Rey_43
• Track 526 : Estes_44
• Track 527 : MrMagoo_43, GardenSalsa_43
• Track 528 : Aziz_43, GenevaB15_43
• Track 529 : Nanosmite_43
• Track 530 : KingPhillip3_67, Corndog_70, FoulBall_67, Winget_68, Wildflower_67, Dylan_67, Murai_68, Schuy_68, Vorrps_67, MadKillah_68, Alkhayr_67, Ashwin_69,

Zakhe101_66, Mori_67, NiebruSaylor_66, Shida_67, Krili_66
• Track 531 : JangDynasty_67, TelAviv_64, Catdawg_67, Familton_68, SchoolBus_67, Vagabond_67, Idergollasper_67, Blessica_68, YoyoKar_65, Zebo_67
• Track 532 : Imara_67
• Track 533 : Firecracker_69
• Track 534 : Ryadel_71, Smooch_70
• Track 535 : YungJamal_72, Wogge42_66
• Track 536 : Bora_65
• Track 537 : Yelo_39
• Track 538 : MontyDev_39
• Track 539 : Send513_39, Candle_39, Zenon_40
• Track 540 : Weiss13_39
• Track 541 : Gimesa_40
• Track 542 : Riparian_39, Papyrus_39, Rope_39
• Track 543 : Nilo_40
• Track 544 : Demikore_42
• Track 545 : Madruga_40, Labelle_41, Patience_42, SuperSonics_41
• Track 546 : Stellammi_34
• Track 547 : Gaia_34
• Track 548 : Nebkiss_35
• Track 549 : LilSpotty_32
• Track 550 : P3MA_29
• Track 551 : MooMoo_29

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

The start number called the most often in the published annotations is 71, it was called in 225 of the 1564 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• A6_08, AFIS_10, Abbyshoes_11, Abrogate_110, Acme_11, Adahisdi_11, Aeneas_12, Agaliana_10, Ajay_10, Aldrich_11, Alsfro_14, Altman_11, Alvin_11, Anglerfish_10, Applejack_10, Arcanine_10, Arlo_9, Ashballer_8, Atkinbua_10, BK1_08, BPBiebs31_11, BaconJack_12, Barriga_10, BarrowTuph_9, Beatrix_9, BeesKnees_10, Bethlehem_10, Bexan_9, Big3_10, BigMau_11, BigPaolini_11, Bigchungi_10, Bigfoot_9, BillKnuckles_11, Bircsak_10, Blackflame_10, Blesser_10, BluSpix_10, Blue_10, Bob3_9, Bones_10, Briton15_11, Bruns_8, Burton_10, Buttons_11, Bxb1_9, CactusRose_9, Carlyle_12, CatBus_11, Chanagan_9, Ciao_10, ConceptII_10, Corvo_10, Crispicous1_9, DD5_11, Dexes_11, DirtDevil_11, Doom_10, DrFeelGood_9, DreamCatcher_11, Dreamboat_11, Dulcie_9, Dussy_11, Dynamix_10, Edtherson_11, EnzoK_11, Espresso_10, Euphoria_10, Eyeball_10, Fajezeel_11, Fascinus_9, Fenn_10, Forsytheast_9, Francis47_10, Fushigi_10, GMonster_9, GageAP_11, Gandalf20_11, Gompeii16_10, Graduation_12, GrecoEtereo_11, Greg_11, GroundGoblin_11, Gwendoluna_11, Gyzlar_11, Hami1_11, HanShotFirst_10, HarryOW_11, Hermia_12, HermioneGrange_11, Homines_10, Hope4ever_10, ILeeKay_12, Ichabod_10, IgnatiusPatJac_9, Inyanga_9, Iqorha_9, JC27_12, JackSparrow_10, Jasper_11, Jerm2_10, Jorgensen_10, JuliaChild_12, KBG_11, KSSJEB_9, Kanely_11, Kenmech_12, KikiBouba_12, Killigrew_8, Kugel_11, KyMonks1A_12, Kykar_8, Lamina13_10, Lesedi_9, Levia_9, LilBib_11, Lockley_10, Lopton_11, LunarLander_10,

MPlant7149_9, Magnar_10, Magnito_9, Makemake_10, Manatee_10, Marcell_10, Marco3_10, Marge_10, Maroc7_9, Marsha_10, MaryBeth_10, McGuire_10, McSinger_11, MetalQZJ_10, Michley_10, MilleFeuille_9, Mkhuseli_9, Molly_11, Monet_11, Moose_9, MrGordo_10, Mryolo_9, Mule_10, Museum_11, NEHalo_10, Naira_10, Nhonho_10, Niza_11, Norz_12, Noxious_12, Ohno789_9, Oogway_9, PSullivan_12, PacerPaul_10, Papez_12, Paphu_9, Paraselene_9, Pari_11, Parliament_9, PascalRango_9, PattyP_11, Payneful_10, Pelly_11, Pepe_11, Perseus_11, Peterson_13, Petp2012_12, Petruchio_10, PherrisBueller_11, PhineBark_8, Phlippers_9, PhrostyMug_10, PinkPlastic_8, Pinto_12, Pippin_11, Pita2_12, PowerRanger_10, ProMouse_11, Puppet_10, QTRlifeCrisis_10, Raid_10, Rajelicia_9, Rhynn_10, RidgeCB_10, Ringer_10, Rohr_11, Rubeus_10, Rufus_10, Ruotula_9, Rutherferd_11, STLscum_11, Sagefire_11, Sanya_10, SarFire_10, Scowl_11, Seabiscuit_11, Seanderson_11, ShortQueendom_10, Sibs6_11, SkiPole_12, Slagathor_10, Smairt_11, Smeagol_11, Snazzy_8, Solon_10, Sorpresa_10, SpikeBT_11, Squee_10, StewieG_9, StrongArm_9, Sumter_9, Sunshine924_9, SwissCheese_10, Switzer_10, Swole_12, Target_11, Tasp14_11, Teodoridan_8, TheloniousMonk_11, Thor_10, Tote_12, Traft412_12, Treddle_11, Tripl3t_11, Trouble_10, Turj99_9, TwoPeat_11, U2_9, Violet_9, Watermelon_12, Wheeler_10, Whitspit_11, Wilkins_10, Zeeculate_9, Zephyr_10, Zeuska_11,

Genes that have the "Most Annotated" start but do not call it:
• Anselm_11, CartmannCramer_10, ChristmasHams_10, Cueylyss_10, Froghopper_11, Gachnar_10, Licorice_12, Marchy_9, Nerujay_11, Sandaddy_9, Topgun_10,

Genes that do not have the "Most Annotated" start:
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Twigg_8, Twister_10, Twitch_31, TyDawg_38, Tydolla_47, TygerBlood_10, Tyke_249, Tyson_26, UPIE_26, Ulysses_9, UncleRicky_34, Underpass_28, Unicorn_31, UnionJack_8, Updawg_13, Urkel_31, VA6_11, VC3_14, VRedHorse_31, Vagabond_67, Validus_31, ValleyTerrace_253, Veliki_31, Velveteen_27, Veracruz_10, Veteran_31, Vetrix_28, Violac_32, ViviJ_29, Vivum_31, Vix_12, Vorrps_67, Vortrix_270, Wachhund_31, Wally_250, WalterMcMickey_10, Wamburgrxpress_26, Wanda_55, Wander_10, Waterfoul_30, Watson_12, Wee_32, WeiHuaDA_16, Weiss13_39, Whabigail7_13, Whatsapiecost_32, Whirlwind_29, Whouxphf_32, WideWale_13, Wigglewiggle_28, Wilbur_10, Wilder_28, Wildflower_67, Wile_10, WillSterrel_33, Willis_253, Winget_68, Winky_28, Wintermute_32, Wizard007_10, Wogge42_66, Wooldri_14, Wyatt2_26, XFactor_31, Xena_10, XianYue_11, Xiaokay_44, Ximenita_32, Y10_32, Y2_32, Yahalom_47, YasnayaPolyana_32, Yassified_248, Yeet_47, Yelo_39, YemiJoy2021_253, Yinz_47, YoSam321_10, Yorick_31, Yoshi_38, YoungMoneyMata_252, YoureAdopted_30, YoyoKar_65, Yucca_253, Yuna_32, YungJamal_72, Yunkel11_31, Zabiza_31, Zakhe101_66, Zalkecks_251, Zapner_38, Zarafa_10, Zaria_26, Zavala_31, Zebo_67, Zeenon_253, Zelink_50, Zenon_40, Zenteno07_53, Zerg_31, Zetzy_11, ZhongYanYuan_27, Zimmer_13, Zizzle_31, Zolita_7, ZygoTaiga_249,

Summary by start number:

Start 52:
• Found in 56 of 1718 (3.3%) of genes in pham
• Manual Annotations of this start: 53 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abinghost_47 (B3), Akoma_47 (B3), Athena_48 (B3), Audrey_47 (B3), Baloo_47 (B3), Ben11_46 (B3), Bernardo_48 (B3), Briakila_48 (B3), Casbah_46 (B3), ChaChing_47 (B3), Chalmers_47 (B3), Chandler_47 (B3), Chentzyk_47 (B3), Compostia_48 (B3), Corofin_47 (B3), Daisy_47 (B3), Deenasa_47 (B3), Devonte_47 (B3), Gadjet_48 (B3), Gervas_47 (B3), GlenHope_48 (B3), Glubnar_48 (B3), Halfpint_46 (B3), HarveySr_47 (B3), Heathcliff_47 (B3), Jackstina_44 (B3), Kamiyu_47 (B3), Kronus_46 (B3), LestyG_47 (B3), Marley1013_47 (B3), Marlia_47 (B3), MmasiCarm_47 (B3), Mortcellus_46 (B3), Morty007_47 (B3), Mulaychimus_47 (B3), Neos5_47 (B3), Nozo_47 (B3), Obutu_47 (B3), Olivio_46 (B3), OrangeOswald_47 (B3), Phaedrus_45 (B3), Phayeta_48 (B3), Philly_46 (B3), Phlyer_47 (B3), Pipefish_49 (B3), RagingRooster_47 (B3), Rita1961_47 (B3), RomaT_47 (B3), Shenandoah_47 (B3), SlippinJimmy_47 (B3), SwainyDoc_47 (B3), SynergyX_47 (B3), TinyTerror_47 (B3), Tydolla_47 (B3), Yahalom_47 (B3), Yinz_47 (B3),

Start 53:
• Found in 1 of 1718 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: SilverChicken_38 (F2),

Start 55:
• Found in 40 of 1718 (2.3%) of genes in pham
• Manual Annotations of this start: 35 of 1564
• Called 97.5% of time when present
• Phage (with cluster) where this start called: Akhila_25 (F1), Ardmore_30 (F1), Batiatus_31 (F1), BigPhil_27 (F1), Bobi_33 (F1), Brookers_29 (F1), Brushbloom_32 (F1), Cerasum_27 (F1), Coco12_31 (F1), Cornucopia_32 (F1), DLane_31 (F1),

DeadP_31 (F1), Demikore_42 (U), Doomslug_34 (F), Emma_33 (F1), Filuzino_31 (F1), Fruitloop_30 (F1), JalFarm20_34 (F1), Kenuha5_28 (F1), KristaRAM_32 (F1), Labelle_41 (U), Latretium_32 (F1), Madruga_40 (U), Melissauren88_31 (F1), MilanaBonita_25 (F1), MilleniumForce_32 (F1), Mova_32 (F1), Ms6_25 (F1), OwlsT2W_32 (F1), Patience_42 (U), Phanphagia_28 (F1), Sarma624_27 (F1), Shauna1_28 (F1), ShroomBoi_28 (F1), SuperSonics_41 (U), Taj_31 (F1), VRedHorse_31 (F1), Velveteen_27 (F1), Wee_32 (F1),

Start 57:
• Found in 222 of 1718 (12.9%) of genes in pham
• Manual Annotations of this start: 189 of 1564
• Called 98.6% of time when present
• Phage (with cluster) where this start called: Ablatia_252 (C1), Ading_255 (C1), Adlitam_252 (C1), Alice_238 (C1), Amataga_253 (C1), ArcherS7_253 (C1), Asterius_253 (C1), Astraea_248 (C1), Atlantean_252 (C1), Audrick_255 (C1), Ava3_249 (C1), Babyland_255 (C1), BackyardAgain_247 (C1), BadAgartude_246 (C1), BananaFence_250 (C1), Bangla1971_253 (C1), Basquiat_250 (C1), BeanWater_245 (C1), Belieber_246 (C1), Bezza_246 (C1), BigCity_260 (C1), Bigswole_257 (C1), Bipolarisk_250 (C1), Blackbrain_251 (C1), Blackdragon_247 (C1), Blubba_239 (C1), BobaPhatt_246 (C1), Bonray_255 (C1), Bowman_254 (C1), Bread_249 (C1), Breeniome_252 (C1), Burrough_253 (C1), Bxz1_238 (C1), Cactojaque_247 (C1), Cali_242 (C1), Cane17_241 (C1), Capablanca_257 (C1), Caravan_242 (C1), Catera_241 (C1), Chargie21_250 (C1), CharlieB_247 (C1), ChaylaJr_251 (C1), ChickenPhender_248 (C1), Chomp_251 (C1), CindyLou_253 (C1), Cleatunium_244 (C1), Colt_242 (C1), Concombre_258 (C1), DTDevon_253 (C1), Daffodil_258 (C1), Dandelion_258 (C1), Darko_252 (C1), DeejaClivia_239 (C1), Delilah_250 (C1), Delylah_254 (C1), Demodog_260 (C1), Derek_248 (C1), Dessert_253 (C1), Dietrick_241 (C1), DirtMonster_241 (C1), Domi_246 (C1), DrPhinkDaddy_249 (C1), Drazdys_249 (C1), Duckfeet_246 (C1), ET08_238 (C1), EggyFarm_260 (C1), EmToTheThree_253 (C1), EmmaElysia_257 (C1), Erdmann_254 (C1), ErnieJ_246 (C1), Essence_250 (C1), Ewok_251 (C1), Fixie_245 (C1), Flabslab_247 (C1), Fludd_252 (C1), Fongie_252 (C1), FoxtrotP1_251 (C1), FrayBell_255 (C1), FudgeTart_248 (C1), Gabriel_255 (C1), Gamgam_254 (C1), Ghost_252 (C1), Gizmo_258 (C1), GlutenPhree_253 (C1), GoldenSnow_251 (C1), Grasshills_259 (C1), Grungle_234 (C1), Guwapp_248 (C1), Halldule_244 (C1), HyRo_237 (C1), I3_262 (C1), IkeLoa_246 (C1), InigoMontoya_256 (C1), InterFolia_254 (C1), Iota_249 (C1), Issimir_246 (C1), JPickles_250 (C1), Janiyra_256 (C1), JayJay_252 (C1), Jaygup_249 (C1), Jedediah_254 (C1), Jemmno_252 (C1), Jessibeth14_252 (C1), Jezreel_249 (C1), JigglyPuff_258 (C1), JulietS_241 (C1), JustHall_246 (C1), Kamryn_251 (C1), Kboogie_256 (C1), Khaleesi_251 (C1), Koguma_251 (C1), LRRHood_244 (C1), Labradorite_254 (C1), Latch_252 (C1), Lee7_257 (C1), Lethe_250 (C1), LifeSavor_253 (C1), LinStu_249 (C1), Littleton_256 (C1), Loanshark_249 (C1), LolaVinca_248 (C1), LookingGlass_250 (C1), LordLeafolot_253 (C1), Lukilu_241 (C1), Lunareta_249 (C1), Maby2021_253 (C1), Maguvora_253 (C1), Mangeria_252 (C1), Matsumoto_250 (C1), Maturis_246 (C1), McGee_254 (C1), McWolfish_249 (C1), Megamind_249 (C1), Melpomini_247 (C1), MikeLiesIn_253 (C1), Mikro_246 (C1), MoMoMixon_248 (C1), Moby_249 (C1), Moiqah_248 (C1), Momo_254 (C1), Montpel_249 (C1), Morizzled23_250 (C1), Naija_253 (C1), Napoleon13_249 (C1), Nappy_251 (C1), Naval22_259 (C1), NedWong_251 (C1), Ngannou_247 (C1), Nidhogg_253 (C1), NoodleTree_248 (C1), Norm_252 (C1), NuevoMundo_254 (C1), OrediggerDelux_254 (C1), ParkTD_251 (C1), Patter_254 (C1), PharkleMinkus_253 (C1), Phlegm_257 (C1), Phox_253 (C1), Phusco_251 (C1), Pier_251 (C1), Pio_259 (C1), Pivoine_253 (C1), Pleione_256 (C1),

Primadonna_248 (C1), Puhon_253 (C1), Pupusa_255 (C1), PurduePete_253 (C1), QBert_244 (C1), Quasimodo_255 (C1), Rabinovish_245 (C1), Rahel_254 (C1), Rizal_241 (C1), RoMag_247 (C1), Rocha_248 (C1), Ronan_248 (C1), Roots515_255 (C1), SVoro_247 (C1), Salacia_254 (C1), Sauce_249 (C1), ScottMcG_244 (C1), Sebata_252 (C1), Shaqnato_243 (C1), Shelob_253 (C1), ShiaLabeouf_250 (C1), Shifa_228 (C1), Shnickers_251 (C1), Shrimp_255 (C1), SilverDipper_257 (C1), SiwenD96_255 (C1), SmallFry_253 (C1), SoilZilla_245 (C1), Spec_247 (C1), Specks_257 (C1), Sprinklers_250 (C1), Spud_244 (C1), SrishMeg2525_250 (C1), StephanieG_246 (C1), StubbySaigey_259 (C1), Stubby_235 (C1), Substance289_248 (C1), Tainan_252 (C1), Teardrop_251 (C1), TinyTim_251 (C1), Tonenili_274 (C1), Tortoise16_250 (C1), Trinitium_249 (C1), Turret_243 (C1), Tyke_249 (C1), ValleyTerrace_253 (C1), Vortrix_270 (C1), Wally_250 (C1), Willis_253 (C1), Yassified_248 (C1), YemiJoy2021_253 (C1), YoungMoneyMata_252 (C1), Yucca_253 (C1), Zalkecks_251 (C1), Zeenon_253 (C1), ZygoTaiga_249 (C1),

Start 62:
• Found in 34 of 1718 (2.0%) of genes in pham
• Manual Annotations of this start: 32 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alkhayr_67 (O), Ashwin_69 (O), Blessica_68 (O), Bora_65 (O), Catdawg_67 (O), Corndog_70 (O), Dylan_67 (O), Familton_68 (O), Firecracker_69 (O), FoulBall_67 (O), Idergollasper_67 (O), Imara_67 (O), JangDynasty_67 (O), KingPhillip3_67 (O), Krili_66 (O), MadKillah_68 (O), Mori_67 (O), Murai_68 (O), NiebruSaylor_66 (O), Ryadel_71 (O), SchoolBus_67 (O), Schuy_68 (O), Shida_67 (O), Smooch_70 (O), TelAviv_64 (O), Vagabond_67 (O), Vorrps_67 (O), Wildflower_67 (O), Winget_68 (O), Wogge42_66 (O), YoyoKar_65 (O), YungJamal_72 (O), Zakhe101_66 (O), Zebo_67 (O),

Start 63:
• Found in 237 of 1718 (13.8%) of genes in pham
• Manual Annotations of this start: 221 of 1564
• Called 99.6% of time when present
• Phage (with cluster) where this start called: Alexphander_34 (F1), Aloeri_33 (F1), AlpineSix_32 (F1), Aminay_31 (K7), Aubs_32 (F1), Avani_36 (F2), Awesomesauce_32 (F1), Beakin_32 (F1), Beanstalk_33 (F1), Bipolar_28 (F1), Blarby_39 (F), Blexus_31 (F1), BlueCrab_31 (F1), BobaPhett_31 (F1), BodEinwohner17_31 (F1), Boomer_33 (F1), Brocalys_26 (F1), Bubbles123_33 (F1), Burwell21_31 (F1), BuzzLyseyear_34 (F1), Byougenkin_31 (F1), Cabrinians_31 (F1), Candle_39 (R), CaptainTrips_32 (F1), Che8_33 (F1), Che9d_36 (F2), Cheesepuff_34 (F1), ChickenDinner_33 (F1), Chuckly_31 (F1), Clank_29 (F), Clifton_25 (F1), Corium_31 (F1), Cornie_31 (F5), Crumble_25 (F1), DRBy19_31 (F1), DaWorst_33 (F1), DaddyRickover_31 (F1), Daenerys_31 (F1), Dante_31 (F1), Deb65_31 (F1), DeerParkTS_12 (A2), Demsculpinboyz_36 (F2), DillTech15_31 (F1), DirtMcgirt_32 (F1), DoRead_32 (F1), DocMcStuffins_33 (F1), Donkeykong_31 (F1), Doomphist_31 (F1), Dorothy_31 (F1), DosHalletts_33 (F1), DotProduct_31 (F1), Doug_32 (F1), Drago_32 (F1), EleanorGeorge_32 (F1), EmiMonkey_32 (F1), Emmaloid_33 (F1), Empress_32 (F1), Enby_33 (F1), Enzomatic_35 (F1), Eradicator_31 (F1), Estave1_29 (F1), Fancypants_31 (F1), Fastidio_33 (F1), Firehouse51_32 (F1), Flathead_31 (F1), Florinda_31 (F1), Frankie_35 (F1), FreddyB_31 (F1), GUmbie_31 (F1), Gandalph_32 (F1), Geralt_31 (F1), GigiOuiOui_31 (F1), Gimesa_40 (R), Girafales_32 (F1), Girr_33 (F1), Gorge_31 (F1), Grimmer_33 (F1), Guppsters_33 (F1), Hades_32 (F1), Harley_31 (F1), Hegedechwinu_32 (F1), IMpilo_30 (F1), IbOuu_32 (F1), Ibhubesi_31 (F1), IrishSherpFalk_33 (F1), Jabbawokkie_39 (F2), James_31 (F1), Jant_32 (F1),

Jarcob_31 (F1), Jennelsea_25 (F1), Jinglebell_30 (F1), Job42_35 (F1), JoeyJr_31 (F1), Juice456_32 (F1), Juniper1_31 (F1), Karhdo_31 (F1), Kersh_30 (F1), KingJulian_31 (F1), Kingsley_30 (F1), Koella_25 (F1), Krakatau_32 (F1), LastJedi_25 (F1), Leperchaun_31 (F1), LilMoolah_31 (F1), LilSpotty_32 (singleton), LittleShirley_34 (F1), Lizziana_31 (F1), Llama_31 (F1), Llij_31 (F1), Lorde_33 (F1), Lucia_32 (F1), LunaStella_33 (F4), MadMen_29 (F1), Madiba_29 (F1), Mahavrat_31 (F1), Mantra_31 (F1), Maravista_31 (F1), Marker_32 (F1), Martik_31 (F1), Mattes_31 (F1), Minnie_33 (F1), Misha28_32 (F1), MisterCuddles_33 (F1), Modragons_31 (F1), MontyDev_39 (R), MooMoo_29 (singleton), Moonbeam_32 (F1), Mozy_33 (F1), MulchExplorer_33 (F1), MulchSalad_28 (F7), Mutaforma13_31 (F1), Mwanjiwa_31 (F1), Nebkiss_35 (X), NewHope4_35 (F1), Nichirin_31 (F1), Nilo_40 (R), Nimbo_31 (F1), Nitzel_32 (F1), Nivrat_31 (F1), NormanBulbieJr_31 (F1), Ochi17_29 (F1), OfUltron_31 (F1), Ogopogo_31 (F1), Okabe_31 (F8), Oksu_32 (F1), OldBen_31 (F1), OlympiaSaint_31 (F1), Ovechkin_32 (F1), PHappiness_31 (F1), PMC_31 (F1), Pacc40_31 (F1), Papyrus_39 (R), PatoPoderoso_31 (F1), Peridot_34 (F1), Phalconet_31 (F1), Phasih_32 (F1), Phatniss_32 (F1), PhesterPhotato_31 (F1), Philus_31 (F1), PhlipPhlop_32 (F1), Piper2020_33 (F1), Pippy_25 (F1), Plumbus_33 (F1), Poenanya_31 (F1), Polka14_32 (F1), Pollywog_31 (F1), Polo2Bam_35 (F1), PopTart_31 (F1), Priscilla_31 (F1), QuickMath_32 (F1), Quico_32 (F1), Radiance_31 (F1), Ramsey_34 (F1), RedBird_31 (F1), Renaud18_31 (F4), Rialto_35 (F1), Riparian_39 (R), RitaG_32 (F1), Rita_32 (F1), Rockne_31 (F1), RockyHorror_32 (F1), Rope_39 (R), Royals2015_31 (F1), Ruby_33 (F1), SG4_32 (F1), Saal_31 (F1), Sabbb_32 (F1), Sandalphon_32 (F1), SassyB_31 (F1), Scottish_32 (F1), SeaLumen_34 (F1), Seabastian_31 (F1), Seagreen_32 (F1), Send513_39 (R), ShiLan_31 (F1), ShowerHandel_31 (F1), SiSi_31 (F1), SimranZ1_34 (F1), Slim_33 (F1), Soul22_36 (F2), Sparkdehlily_31 (F1), Spartacus_33 (F1), Spikelee_33 (F1), Spoonbill_31 (F1), StAnnes_30 (F1), Stap_32 (F1), Starcevich_35 (F1), SuperGrey_32 (F1), SwagPigglett_31 (F1), TChen_31 (F4), TDanisky_31 (F1), Tchotchke_31 (F1), ThetaBob_30 (F4), TootsiePop_32 (F1), Tootsieroll_32 (F1), Topiatin_34 (F1), Toron_32 (F6), Totinger_32 (F1), Tweety_31 (F1), UncleRicky_34 (F1), Veteran_31 (F1), Violac_32 (F1), Vivum_31 (F1), Wachhund_31 (F1), Weiss13_39 (R), Whatsapiecost_32 (F1), Whouxphf_32 (F1), WillSterrel_33 (F1), XFactor_31 (F1), Yelo_39 (R), Yorick_31 (F1), Yoshi_38 (F2), Zapner_38 (F2), Zenon_40 (R), Zerg_31 (F1), Zizzle_31 (F1),

Start 64:
• Found in 24 of 1718 (1.4%) of genes in pham
• Manual Annotations of this start: 22 of 1564
• Called 95.8% of time when present
• Phage (with cluster) where this start called: Acquire49_26 (L1), Appletree2_26 (L1), AvadaKedavra_26 (L1), Bromden_28 (L4), Calm_26 (L1), CicholasNage_26 (L1), DirkDirk_26 (L1), DyoEdafos_27 (L4), Enceladus_26 (L1), Halena_26 (L1), JoeDirt_26 (L1), Kropertea_26 (L4), LeBron_26 (L1), MAckerman_26 (L1), OhShagHennessy_26 (L1), Poochiewood_26 (L1), Rose5_26 (L1), Silverleaf_26 (L1), Tyson_26 (L1), UPIE_26 (L1), Wamburgrxpress_26 (L1), Wyatt2_26 (L1), Zaria_26 (L1),

Start 65:
• Found in 104 of 1718 (6.1%) of genes in pham
• Manual Annotations of this start: 101 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ACFishhook_12 (A3), Aglet_12 (A3), AgronaGT15_12 (A3), Anubis_14 (A3), AugsMagnumOpus_14 (A3),

Beauxregard13_12 (A3), Bigflo_12 (A3), BreSam8_12 (A3), BuzzBuzz_11 (A3), Bxz2_12 (A3), Calvinny_12 (A3), Caviar_11 (A3), ClownCar_12 (A3), Colbster_12 (A3), Croquant_13 (A3), Cullens_12 (A3), DaHudson_12 (A3), Dieselweasel_12 (A3), EpicPhail_12 (A3), EtoileNova_11 (A3), Farber_12 (A3), Fernando_12 (A3), Gemma_12 (A3), GingkoMaracino_12 (A3), Grif_12 (A3), Groupthink_13 (A3), Grub_12 (A3), Grum1_12 (A3), GtownJaz_12 (A3), Gwennie_12 (A3), HashRod_13 (A3), HaveUMetTed_13 (A3), Heliosoles_12 (A3), Hercules11_12 (A3), Hookmount_11 (A3), JHC117_12 (A3), JenCasNa_12 (A3), JeppNRM_13 (A3), Jobu08_12 (A3), KADY_13 (A3), Kalb97_13 (A3), Kalnoky_13 (A3), LBerry_12 (A3), Lambert1_11 (A3), LarryKay_12 (A3), Lilith_12 (A3), Louie6_12 (A3), Lowa_12 (A3), LugYA_14 (A3), MadMarie_12 (A3), Mainiac_12 (A3), Malinsilva_14 (A3), Manu_13 (A3), MarQuardt_12 (A3), Margo_11 (A3), Marie_12 (A3), Marius_13 (A3), Methuselah_12 (A3), Microwolf_12 (A3), Misomonster_14 (A3), MoneyMay_12 (A3), Montavir_11 (A3), MuchMore_14 (A3), Noella_11 (A3), Norbert_10 (A3), OlanP_12 (A3), Ollie_12 (A3), P28Green_12 (A3), PGHhamlin_14 (A3), Panamaxus_11 (A3), Pawn_12 (A3), Pembroke_12 (A3), Penny1_12 (A3), PhishRPhriends_11 (A3), Phoebe_12 (A3), Phoxy_12 (A3), Phranny_13 (A3), Pocahontas_11 (A3), Popcicle_11 (A3), PotatoSplit_13 (A3), PurpleHaze_12 (A3), QuinnKiro_10 (A3), Reba_13 (A3), ResDef_11 (A3), Rummer_12 (A3), Sabia_12 (A3), Sabinator_12 (A3), Snickers_12 (A3), SoYo_12 (A3), SoilDragon_12 (A3), Soshari_14 (A3), Spike509_12 (A3), Stagni_12 (A3), StepMih_12 (A3), Taurus_12 (A3), Texage_10 (A3), Tiffany_12 (A3), TinyPebbles_12 (A3), Todacoro_11 (A3), Veracruz_10 (A3), Vix_12 (A3), Watson_12 (A3), Wooldri_14 (A3), Zetzy_11 (A3),

Start 67:
• Found in 306 of 1718 (17.8%) of genes in pham
• Manual Annotations of this start: 3 of 1564
• Called 1.0% of time when present
• Phage (with cluster) where this start called: EasyJones_253 (C1), Izajani_248 (C1), Pinkcreek_232 (C1),

Start 68:
• Found in 1 of 1718 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LordVader_26 (F),

Start 70:
• Found in 18 of 1718 (1.0%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 5.6% of time when present
• Phage (with cluster) where this start called: Hamulus_32 (F1),

Start 71:
• Found in 246 of 1718 (14.3%) of genes in pham
• Manual Annotations of this start: 225 of 1564
• Called 95.5% of time when present
• Phage (with cluster) where this start called: A6_08 (A1), AFIS_10 (A1), Abbyshoes_11 (A1), Abrogate_110 (A1), Acme_11 (A1), Adahisdi_11 (A1), Aeneas_12 (A1), Agaliana_10 (A1), Ajay_10 (A1), Aldrich_11 (A1), Alsfro_14 (A1), Altman_11 (A1), Alvin_11 (A1), Anglerfish_10 (A1), Applejack_10 (A1), Arcanine_10 (A1), Arlo_9 (A1), Ashballer_8 (A1), Atkinbua_10 (A1), BK1_08 (A1), BPBiebs31_11 (A1), BaconJack_12 (A1), Barriga_10 (A1), BarrowTuph_9 (A1), Beatrix_9 (A1),

BeesKnees_10 (A1), Bethlehem_10 (A1), Bexan_9 (A1), Big3_10 (A1), BigMau_11 (A1), BigPaolini_11 (A1), Bigchungi_10 (A1), Bigfoot_9 (A1), BillKnuckles_11 (A1), Bircsak_10 (A1), Blackflame_10 (A1), Blesser_10 (A1), BluSpix_10 (A1), Blue_10 (A1), Bob3_9 (A1), Bones_10 (A1), Briton15_11 (A1), Bruns_8 (A1), Burton_10 (A1), Buttons_11 (A1), Bxb1_9 (A1), CactusRose_9 (A1), Carlyle_12 (A1), CatBus_11 (A1), Chanagan_9 (A1), Ciao_10 (A1), ConceptII_10 (A1), Corvo_10 (A1), Crispicous1_9 (A1), DD5_11 (A1), Dexes_11 (A1), DirtDevil_11 (A1), Doom_10 (A1), DrFeelGood_9 (A1), DreamCatcher_11 (A1), Dreamboat_11 (A1), Dulcie_9 (A1), Dussy_11 (A1), Dynamix_10 (A1), Edtherson_11 (A1), EnzoK_11 (A1), Espresso_10 (A1), Euphoria_10 (A1), Eyeball_10 (A1), Fajezeel_11 (A1), Fascinus_9 (A1), Fenn_10 (A1), Forsytheast_9 (A1), Francis47_10 (A1), Fushigi_10 (A1), GMonster_9 (A1), GageAP_11 (A1), Gandalf20_11 (A1), Gompeii16_10 (A1), Graduation_12 (A1), GrecoEtereo_11 (A1), Greg_11 (A1), GroundGoblin_11 (A1), Gwendoluna_11 (A1), Gyzlar_11 (A1), Hami1_11 (A1), HanShotFirst_10 (A1), HarryOW_11 (A1), Hermia_12 (A1), HermioneGrange_11 (A1), Homines_10 (A1), Hope4ever_10 (A1), ILeeKay_12 (A1), Ichabod_10 (A1), IgnatiusPatJac_9 (A1), Inyanga_9 (A1), Iqorha_9 (A1), JC27_12 (A1), JackSparrow_10 (A1), Jasper_11 (A1), Jerm2_10 (A1), Jorgensen_10 (A1), JuliaChild_12 (A1), KBG_11 (A1), KSSJEB_9 (A1), Kanely_11 (A1), Kenmech_12 (A1), KikiBouba_12 (A1), Killigrew_8 (A1), Kugel_11 (A1), KyMonks1A_12 (A1), Kykar_8 (A1), Lamina13_10 (A1), Lesedi_9 (A1), Levia_9 (A1), LilBib_11 (A1), Lockley_10 (A1), Lopton_11 (A1), LunarLander_10 (A1), MPlant7149_9 (A1), Magnar_10 (A1), Magnito_9 (A1), Makemake_10 (A1), Manatee_10 (A1), Marcell_10 (A1), Marco3_10 (A1), Marge_10 (A1), Maroc7_9 (A1), Marsha_10 (A1), MaryBeth_10 (A1), McGuire_10 (A1), McSinger_11 (A1), MetalQZJ_10 (A1), Michley_10 (A1), MilleFeuille_9 (A1), Mkhuseli_9 (A1), Molly_11 (A1), Monet_11 (A1), Moose_9 (A1), MrGordo_10 (A1), Mryolo_9 (A1), Mule_10 (A1), Museum_11 (A1), NEHalo_10 (A1), Naira_10 (A1), Nhonho_10 (A1), Niza_11 (A1), Norz_12 (A1), Noxious_12 (A1), Ohno789_9 (A1), Oogway_9 (A1), PSullivan_12 (A1), PacerPaul_10 (A1), Papez_12 (A1), Paphu_9 (A1), Paraselene_9 (A1), Pari_11 (A1), Parliament_9 (A1), PascalRango_9 (A1), PattyP_11 (A1), Payneful_10 (A1), Pelly_11 (A1), Pepe_11 (A1), Perseus_11 (A1), Peterson_13 (A1), Petp2012_12 (A1), Petruchio_10 (A1), PherrisBueller_11 (A1), PhineBark_8 (A1), Phlippers_9 (A1), PhrostyMug_10 (A1), PinkPlastic_8 (A1), Pinto_12 (A1), Pippin_11 (A1), Pita2_12 (A1), PowerRanger_10 (A1), ProMouse_11 (A1), Puppet_10 (A1), QTRlifeCrisis_10 (A1), Raid_10 (A1), Rajelicia_9 (A1), Rhynn_10 (A1), RidgeCB_10 (A1), Ringer_10 (A1), Rohr_11 (A1), Rubeus_10 (A1), Rufus_10 (A1), Ruotula_9 (A1), Rutherferd_11 (A1), STLscum_11 (A1), Sagefire_11 (A1), Sanya_10 (A1), SarFire_10 (A1), Scowl_11 (A1), Seabiscuit_11 (A1), Seanderson_11 (A1), ShortQueendom_10 (A1), Sibs6_11 (A1), SkiPole_12 (A1), Slagathor_10 (A1), Smairt_11 (A1), Smeagol_11 (A1), Snazzy_8 (A1), Solon_10 (A1), Sorpresa_10 (A1), SpikeBT_11 (A1), Squee_10 (A1), StewieG_9 (A1), StrongArm_9 (A1), Sumter_9 (A1), Sunshine924_9 (A1), SwissCheese_10 (A1), Switzer_10 (A1), Swole_12 (A1), Target_11 (A1), Tasp14_11 (A1), Teodoridan_8 (A1), TheloniousMonk_11 (A1), Thor_10 (A1), Tote_12 (A1), Traft412_12 (A1), Treddle_11 (A1), Tripl3t_11 (A1), Trouble_10 (A1), Turj99_9 (A1), TwoPeat_11 (A1), U2_9 (A1), Violet_9 (A1), Watermelon_12 (A1), Wheeler_10 (A1), Whitspit_11 (A1), Wilkins_10 (A1), Zeeculate_9 (A1), Zephyr_10 (A1), Zeuska_11 (A1),

Start 72:
• Found in 71 of 1718 (4.1%) of genes in pham
• Manual Annotations of this start: 61 of 1564
• Called 97.2% of time when present

• Phage (with cluster) where this start called: 20ES_11 (A2), 40AC_14 (A17), AN3_11 (A2), AnnaL29_14 (A2), ArcherNM_13 (A2), Baehexic_12 (A2), BengiVuitton_12 (A2), Benvolio_11 (A2), BiancaTri92_13 (A2), CRB1_11 (A2), Centaur_13 (A2), Changeling_14 (A2), Chupacabra_10 (A10), Colin_14 (A2), Daishi_11 (A3), Deloris_12 (A2), DontArgue_9 (A10), Drake55_13 (A2), Drake94_9 (A10), DroogsArmy_11 (A7), DustyMartin_13 (A10), EZMoney23_15 (A2), Eaglepride_11 (A10), Echild_11 (A2), Edison31_10 (A10), Equemioh13_13 (A2), First_0011 (A2), Flare16_11 (A2), Goose_10 (A10), Gratitude_13 (A2), HINdeR_10 (A7), HarryHoudini_13 (A2), HippoHollow_12 (A2), Iwokeuplikedis_11 (A2), Kalpine_14 (A2), KittenMittens_9 (A10), Kristoff_11 (A10), LadyBird_11 (A2), Leogania_13 (A2), LionsBait_12 (A2), Loser_14 (A2), MiculUcigas_11 (A2), NaSiaTalie_11 (A2), NothingSpecial_13 (A2), OKCentral2016_10 (A10), PeaceMeal1_9 (A10), Piro94_12 (A2), Poompha_9 (A10), Prudy_14 (A2), Rebeuca_11 (A10), RedRock_14 (A2), Refuge_14 (A12), RhynO_11 (A10), Rowdy_13 (A10), Severus_9 (A10), Shapes_13 (A10), Sknot_11 (A2), Terrific_13 (A2), Timshel_11 (A7), Topanga_10 (A10), Trike_8 (A10), Trixie_14 (A2), Twister_10 (A10), Updawg_13 (A2), VA6_11 (A2), WalterMcMickey_10 (A10), WeiHuaDA_16 (A2), WideWale_13 (A2), Zimmer_13 (A12),

Start 77:
• Found in 60 of 1718 (3.5%) of genes in pham
• Manual Annotations of this start: 3 of 1564
• Called 6.7% of time when present
• Phage (with cluster) where this start called: Bobby_48 (J), Hidrated_47 (J), Marleymoo_50 (J), Thibault_42 (J),

Start 80:
• Found in 62 of 1718 (3.6%) of genes in pham
• Manual Annotations of this start: 47 of 1564
• Called 98.4% of time when present
• Phage (with cluster) where this start called: Acolyte_11 (A2), Baoshan_27 (L2), Bellis_28 (L3), BigCheese_28 (L2), BobsGarage_28 (L2), BourbonZero_27 (L3), Breezona_28 (L2), ChengKai98_28 (L2), Claus_28 (L2), Clautastrophe_28 (L3), Crossroads_28 (L2), DHan_28 (L2), DanBing_27 (L2), DrSeegs_28 (L2), DuncansLeg_28 (L3), Ellson_28 (L3), Faith1_28 (L2), Finnry_28 (L3), Gardann_28 (L2), GuuelaD_28 (L2), Hafay_28 (L2), Hiraya_28 (L2), Itos_28 (L2), Jobypre_28 (L3), Jubie_28 (L3), Kahlid_28 (L2), Kingsolomon_28 (L3), KirDoubleO7_26 (L3), Krypton555_28 (L3), Lewan_28 (L2), LilDestine_28 (L2), LiyuLake_28 (L3), Loadrie_28 (L2), Lolly9_28 (L3), Lumos_28 (L3), Lynnae_28 (L2), Miley16_28 (L2), MiniLon_28 (L3), MiniMac_28 (L3), MkaliMitinis3_28 (L2), Molivier_28 (L2), Moostard_28 (L3), MsGreen_28 (L3), Netyap_28 (L2), Nicholas_28 (L3), Nicholasp3_28 (L2), OverPar_28 (L2), Samty_28 (L3), Sarshaun_28 (L2), Snenia_28 (L3), Soap141_28 (L2), Stellammi_34 (UNK), Tourach_28 (L2), TriFive_28 (L3), Underpass_28 (L2), Vetrix_28 (L2), Whirlwind_29 (L3), Wigglewiggle_28 (L2), Wilder_28 (L2), Winky_28 (L2), ZhongYanYuan_27 (L2),

Start 81:
• Found in 1 of 1718 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Imvubu_41 (B10),

Start 82:

• Found in 17 of 1718 (1.0%) of genes in pham
• Manual Annotations of this start: 12 of 1564
• Called 94.1% of time when present
• Phage (with cluster) where this start called: 39HC_042 (B6), 40BC_042 (B6), Bactobuster_12 (A2), ForDig_42 (B6), Funsized_52 (B9), Hosp_040 (B6), IronMan_13 (A2), Jaan_14 (A2), Jolie1_042 (B6), Knocker_50 (B9), Landor_12 (A2), Phaded_14 (A2), Pukovnik_13 (A2), Rinkes_49 (B9), Tristan_12 (A2), Zenteno07_53 (B13),

Start 83:
• Found in 81 of 1718 (4.7%) of genes in pham
• Manual Annotations of this start: 55 of 1564
• Called 67.9% of time when present
• Phage (with cluster) where this start called: AbbyPaige_13 (A2), AbbysRanger_10 (A4), Agape74_13 (A2), Anselm_11 (A2), BabyBack_13 (A2), Backyardigan_10 (A4), BobSwaget_14 (A2), Bugsy_13 (A2), Bumblebee11_10 (A4), ChipMunk_13 (A2), Crucio_11 (A2), Dalmatian_11 (A2), Datway_10 (A4), Dignity_13 (A2), DudeLittle_11 (A2), Fameo_11 (A2), FiringLine_11 (A2), GaugeLDP_13 (A2), Georgie2_12 (A2), Heffalump_13 (A2), Jerm_13 (A2), JoshKayV_13 (A2), Katalie136_10 (A4), KingCyrus_13 (A2), Kinmap_10 (A21), Larenn_12 (A2), Leviathan_13 (A2), LilMcDreamy_46 (B12), LilTurb_13 (A2), LittleGuy_10 (A4), Lokk_14 (A2), Malec_12 (A2), Miko_14 (A2), Morpher26_10 (A4), NicoleTera_15 (A2), Nyxis_10 (A4), Perplexer_10 (A4), PetiteSangsue_10 (A4), Phontbonne_10 (A4), Power_11 (A2), QueenB2_11 (A2), QueenBeesly_11 (A2), Rachaly_14 (A2), Retro23_11 (A2), SemperFi_13 (A2), Shygu2_10 (A4), Smeagan_13 (A2), SnapTap_11 (A2), SweetiePie_11 (A2), TarsusIV_11 (A2), Trooper_11 (A2), Turbido_13 (A2), Whabigail7_13 (A2), Wile_10 (A4), XianYue_11 (A2),

Start 84:
• Found in 148 of 1718 (8.6%) of genes in pham
• Manual Annotations of this start: 125 of 1564
• Called 89.9% of time when present
• Phage (with cluster) where this start called: Abdiel_10 (A4), Achebe_10 (A4), Albee_10 (A4), Alberto7_11 (A4), Annyong_10 (A4), Arturo_9 (A4), AvatarAhPeg_10 (A4), Aziz_43 (M2), Baby16_10 (A4), Badger_10 (A4), BangNhom_9 (A4), Bartimeaus_10 (A4), BirdsNest_51 (B13), Blackmoor_10 (A4), Bombshell_10 (A4), Broseidon_10 (A4), Bruiser_10 (A4), BubbleTrouble_10 (A4), Buckaroo_9 (A4), Caelakin_10 (A4), Camperdownii_9 (A4), CentreCat_10 (A4), Cerulean_10 (A4), ChampagnePapi_10 (A4), Chaph_10 (A4), Cici_10 (A4), Cindaradix_9 (A4), Cintron_10 (A4), Citius_10 (A4), Clarenza_10 (A4), Cocoaberry_10 (A4), Commander_10 (A4), Connomayer_10 (A4), Deano_10 (A4), Dhanush_10 (A4), DirtyDunning_10 (A4), Druantia_10 (A4), Eapen_10 (A4), Eris_10 (A4), Eros_10 (A4), Estes_44 (M2), Eurydice_10 (A4), Florean_10 (A4), Funston_10 (A4), Gadost_10 (A4), GardenSalsa_43 (M2), GenevaB15_43 (M2), Happiness_10 (A4), Hashim76_51 (B13), Houdini22_10 (A4), Huxley_10 (A4), Iceman_10 (A4), Iracema64_10 (A4), Jaykayelowell_10 (A4), JetBlade_10 (A4), JoongJeon_10 (A4), Junimo_9 (A4), KFPoly_10 (A4), Kampy_10 (A4), KekoraPapaka_9 (A4), Kingmustik0402_10 (A4), Koan_10 (A4), Koreni_9 (A4), Kratark_10 (A4), Kremtemulon_10 (A4), Kyee_10 (A4), LHTSCC_10 (A4), LappelDuVide_10 (A4), Lemur_10 (A4), LeoAvram_10 (A4), LittleB_10 (A4), LittleMinkey_54 (B13), LochMonster_10 (A4), Lorenzo_10 (A4), Lunsford_11 (A4), Maverick_10 (A4), Maxo_10 (A4), Mayonnaise_10 (A4), Mazhar510_10 (A4), Millski_10 (A4), Miramae_10 (A4), Morrow_10 (A4), MrMagoo_43 (M2), Mundrea_10 (A4), Nanosmite_43 (M3), Nebs_10 (A4), Noelle_10

(A4), NorthStar_10 (A4), Northrop_10 (A4), NotAPhaseMom_10 (A4), OKaNui_10 (A4), Obama12_10 (A4), Ohfah_10 (A4), Palestino_10 (A4), PeterPeter_10 (A4), Phacado_10 (A4), Phelipe_10 (A4), Phighter1804_10 (A4), Polymorphads_10 (A4), Pumbaa_10 (A4), Relief_10 (A4), Rey_43 (M2), RockieBear_10 (A4), Rocksand_10 (A4), Romney_10 (A4), Roosevelt_10 (A4), Rosa24_9 (A4), Ruin_10 (A4), Sabertooth_10 (A4), Scamp_10 (A4), SenorClean_10 (A4), Shaka_10 (A4), SheldonCooper_10 (A4), Skadoosh_10 (A4), Skipitt_10 (A4), Sparxx_10 (A4), Spino_10 (A4), Stasia_11 (A4), Stink_10 (A4), Sultana_10 (A4), Taquarus_10 (A4), Thanksgivukkah_10 (A4), TinaFeyge_10 (A4), Tinybot_9 (A4), TiroTheta9_10 (A4), TroyPia_10 (A4), TygerBlood_10 (A4), Ulysses_9 (A4), Wander_10 (A4), Wilbur_10 (A4), Wizard007_10 (A4), Xena_10 (A4), YoSam321_10 (A4),

Start 85:
• Found in 18 of 1718 (1.0%) of genes in pham
• Manual Annotations of this start: 15 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Auspice_38 (M1), Bongo_38 (M1), Bricole_38 (M1), Diminimus_39 (M1), Dulcita_39 (M1), FreakyGoo_39 (M1), Glaske16_39 (M1), IPhane7_38 (M1), Izel_39 (M1), KleverKiS_38 (M1), LilhomieP_37 (M1), PegLeg_38 (M1), Reindeer_38 (M1), RoseMarie_40 (M1), Skinny_39 (M1), SlimJimmy_37 (M1), TpudiCK_39 (M1), TyDawg_38 (M1),

Start 86:
• Found in 116 of 1718 (6.8%) of genes in pham
• Manual Annotations of this start: 14 of 1564
• Called 12.1% of time when present
• Phage (with cluster) where this start called: Avle17_10 (A4), BellusTerra_10 (A4), Burger_9 (A4), Eagle_9 (A4), Flux_10 (A4), HamSlice_9 (A4), Holli_10 (A4), ICleared_10 (A4), Medusa_10 (A4), MeeZee_10 (A4), Melvin_10 (A4), Peaches_10 (A4), Pipcraft_10 (A4), SteMason_10 (A4),

Start 87:
• Found in 254 of 1718 (14.8%) of genes in pham
• Manual Annotations of this start: 5 of 1564
• Called 2.4% of time when present
• Phage (with cluster) where this start called: Cueylyss_10 (A1), Froghopper_11 (A1), Gachnar_10 (A1), Licorice_12 (A1), Marchy_9 (A1), Topgun_10 (A1),

Start 94:
• Found in 617 of 1718 (35.9%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 0.6% of time when present
• Phage (with cluster) where this start called: CartmannCramer_10 (A1), ChristmasHams_10 (A1), Nerujay_11 (A1), Sandaddy_9 (A1),

Start 96:
• Found in 22 of 1718 (1.3%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 4.5% of time when present
• Phage (with cluster) where this start called: Luchador_11 (A14),

Start 99:
• Found in 68 of 1718 (4.0%) of genes in pham

• No Manual Annotations of this start.
• Called 1.5% of time when present
• Phage (with cluster) where this start called: Red305_28 (L3),

Start 101:
• Found in 188 of 1718 (10.9%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 0.5% of time when present
• Phage (with cluster) where this start called: EvilGenius_13 (A2),

Start 102:
• Found in 346 of 1718 (20.1%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 0.3% of time when present
• Phage (with cluster) where this start called: Nemo27_10 (A4),

Start 154:
• Found in 40 of 1718 (2.3%) of genes in pham
• Manual Annotations of this start: 32 of 1564
• Called 90.0% of time when present
• Phage (with cluster) where this start called: BAKA_53 (J), Beem_49 (J), Bombitas_46 (J), Constella_41 (J), Dallas_51 (J), DmpstrDiver_50 (J), Dove_46 (J), Duke13_52 (J), Ejimix_49 (J), EricMillard_49 (J), Gaia_34 (X), Halley_49 (J), Hannaconda_45 (J), HokkenD_42 (J), Hughesyang_47 (J), Indlulamithi_36 (AC), JuicyJay_51 (J), Kalah2_49 (J), KashFlow_42 (J), Klein_49 (J), LittleE_53 (J), Minerva_55 (J), Nekros_47 (J), Nibley_43 (J), NihilNomen_48 (J), Omega_53 (J), Optimus_54 (J), Phoebus_48 (J), Pound_51 (J), Redno2_47 (J), Schatzie_46 (J), Shaboozey_41 (J), ThreeRngTarjay_47 (J), Wanda_55 (J), Xiaokay_44 (J), Yeet_47 (J),

Start 159:
• Found in 1 of 1718 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phantastic_10 (A3),

Start 160:
• Found in 508 of 1718 (29.6%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 0.2% of time when present
• Phage (with cluster) where this start called: Kimberlium_33 (F1),

Start 162:
• Found in 58 of 1718 (3.4%) of genes in pham
• Manual Annotations of this start: 23 of 1564
• Called 46.6% of time when present
• Phage (with cluster) where this start called: Bobquesha_33 (K4), Boilgate_28 (K8), Chancellor_32 (K4), Cheetobro_32 (K4), DanSyl44_35 (K4), Eponine_34 (K4), Fionnbharth_32 (K4), JF1_32 (K4), Juliette_34 (K4), Kraw_32 (K4), Lebo14_32 (K4), Malthus_33 (K4), MissDaisy_32 (K4), Mitti_32 (K4), Nolwazi_33 (K4), OmniCritical_32 (K4), Patt_32 (K4), Qhanda_33 (K4), Reptar3000_32 (K4), Ruthiejr_33 (K4), SamScheppers_32 (K4), Slarp_32 (K4), Taquito_32 (K4), Wintermute_32 (K4), Y10_32 (K4), Y2_32 (K4), YasnayaPolyana_32 (K4),

Start 163:
• Found in 37 of 1718 (2.2%) of genes in pham
• Manual Annotations of this start: 3 of 1564
• Called 8.1% of time when present
• Phage (with cluster) where this start called: Aikoy_46 (AE), Leopard_46 (AE), Onyinye_47 (AE),

Start 166:
• Found in 46 of 1718 (2.7%) of genes in pham
• Manual Annotations of this start: 22 of 1564
• Called 69.6% of time when present
• Phage (with cluster) where this start called: B1_08 (A3), BabyJohn_9 (A3), BabyRay_10 (A3), BlueBird_11 (A3), Bugatti_11 (A3), Cat_8 (A3), Chiqui_9 (A3), Clammy_11 (A3), DropBear_10 (A3), Fred313_10 (A3), Giroux_11 (A3), Goose1D_10 (A3), Goose1X_10 (A3), Heathen_10 (A3), HelDan_10 (A3), Idleandcovert_10 (A3), Isca_10 (A3), JF2_10 (A3), JF4_10 (A3), Kachowdy_10 (A3), MA5_10 (A3), MK4_10 (A3), Marchesa_10 (A3), Pistachio_11 (A3), Puppy_11 (A3), Rockstar_10 (A3), Roimos_10 (A3), SaturnRing_10 (A3), Scout_10 (A3), Shep_10 (A3), TNguyen7_10 (A3), Zarafa_10 (A3),

Start 171:
• Found in 57 of 1718 (3.3%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 7.0% of time when present
• Phage (with cluster) where this start called: Bagrid_48 (J), BronnyJames_41 (J), Odette_49 (J), Zelink_50 (J),

Start 174:
• Found in 205 of 1718 (11.9%) of genes in pham
• Manual Annotations of this start: 20 of 1564
• Called 10.7% of time when present
• Phage (with cluster) where this start called: Agent47_30 (K5), AlleyCat_31 (K5), Amelie_27 (K1), BananenDer11_30 (K5), Biglebops_27 (K1), Collard_30 (K5), Dadosky_31 (K5), Edugator_30 (K5), Enkosi_27 (K1), InvictusManeo_30 (K5), Larva_31 (K5), LilDirt_29 (K5), LilPharaoh_27 (K1), Mdavu_27 (K1), Nikao_27 (K1), Nutello_27 (K1), Psycho_31 (K5), SgtBeansprout_27 (K1), Teejan_27 (K1), Torres_27 (K1), Trice_27 (K1), ViviJ_29 (K5),

Start 176:
• Found in 196 of 1718 (11.4%) of genes in pham
• Manual Annotations of this start: 165 of 1564
• Called 89.3% of time when present
• Phage (with cluster) where this start called: ActinUp_31 (K1), Adephagia_31 (K1), Adonis_31 (K1), Ageofdapage_31 (K1), AlishaPH_31 (K1), Amgine_29 (K6), Amohnition_30 (K6), Anaya_32 (K1), Angelica_31 (K1), Anma_31 (K1), Apocalypse_31 (K1), Applecrisp_29 (K6), Asayake_31 (K1), Atiba_31 (K1), BEEST_31 (K1), BGlluviae_31 (K1), BaghaKamala_31 (K1), BarrelRoll_31 (K1), Beezoo_31 (K1), Bella96_31 (K1), Belladonna_31 (K1), Bern_31 (K1), Blizzard_31 (K1), Boiiii_31 (K1), Bradman_10 (A2), Bryler_31 (K6), CREW_31 (K1), Cain_31 (K6), CallaLilly_31 (K1), Capricorn_31 (K1), CaseJules_31 (K1), Chavito_31 (K1), CheetoDust_31 (K1), Chris_30 (K1), Clipper_31 (K1), CrimD_31 (K1), Curiosium_32 (K1), D29_12 (A2), D32_14 (A2), DBQu4n_14 (A2), Dalmuri_31 (K1), DartGoblin_31

(K1), DarthP_30 (K6), Dartin_31 (K1), Deby_31 (K1), Devera_31 (K1), Dole_31 (K1), DrHayes_31 (K1), Duplo_14 (A2), Durfee_31 (K1), Efra2_31 (K1), Ekdilam_28 (K6), Ellie_28 (K6), Emerson_31 (K1), Fefferhead_30 (K6), Feyre_30 (K5), ForesterFrank_13 (A2), Ganymede_32 (K1), Gengar_30 (K5), Geraldini_31 (K1), Guanica15_31 (K1), Guillsminger_30 (K5), Hammy_30 (K6), HedwigODU_31 (K1), Heftyboy_30 (K5), Homura_31 (K1), Hurricane_32 (K3), Hyperbowlee_31 (K1), Illumine_31 (K1), Inky_31 (K1), JAWS_31 (K1), Jarvi_31 (K1), Jayhawk_31 (K1), Jeckyll_31 (K1), Joy99_31 (K1), Jsquared_10 (A2), Kerberos_14 (A2), Keshu_32 (K3), Kheparia_33 (K1), KiSi_30 (K1), Koduck_12 (A2), Krueger_31 (K6), L5_12 (A2), LastHope_31 (K1), LaterM_31 (K1), Lavahound_29 (K6), LeMond_30 (K1), Lea83_32 (K3), Leston_30 (K5), LindNT_31 (K1), Llorens_31 (K1), Lokum_31 (K1), Lunahalos_31 (K1), MacKat_31 (K1), MacnCheese_32 (K3), MajorMajor_10 (A2), MalagasyRose_31 (AG), MarkPhew_31 (K1), Marshawn_32 (K6), McMater_31 (K1), MeaningOfLife_31 (K1), Megsy_31 (K1), Miryou_30 (K5), Murucutumbu_31 (K1), Mynx_31 (K1), Naji_14 (A2), Nibb_30 (K1), Niklas_31 (K1), November_29 (K6), OkiRoe_30 (K5), Omnicron_31 (K5), Oscar_30 (K1), Padfoot_31 (K1), Padpat_31 (K1), Paola_30 (K5), Peanam_31 (K1), Peel_31 (K1), Pharb_30 (K3), PhelpsODU_31 (K6), Phrank_31 (K6), Piatt_31 (K1), Pisa4_30 (K1), Pixie_31 (K3), Pokerus_30 (K1), Pomar16_14 (A2), Prithvi_31 (K1), QuincyRose_30 (K1), Quokka_9 (A2), Ramen_31 (K1), Rando14_31 (K5), Rapunzel97_31 (K1), Richo_31 (K1), Rosmarinus_31 (K1), SamuelLPlaqson_31 (K1), Scarlett_30 (K1), Serenity_10 (A2), Shadow1_30 (K6), Shaobing_31 (K1), ShedlockHolmes_32 (K3), ShiaSurprise_31 (K1), Slimphazie_31 (K1), SoSeph_30 (K5), Spock_31 (K1), StarStuff_14 (A2), Stinson_32 (K1), Sulley_31 (K1), Sunflower1121_30 (K6), Syra333_31 (K6), TBond007_31 (K3), Tachez_31 (K1), TaiwanKao_32 (K1), Thyatira_30 (K5), Tierra_31 (K6), Tigress9_31 (K6), TingHuaYa_31 (K1), TiniBug_31 (K1), Tiri_31 (K1), Tomathan_14 (A2), Topper_31 (K1), Travvers_14 (A2), TreyKay_31 (K1), TribleTrouble_30 (K3), TruffulaTree_31 (K1), Twitch_31 (K1), Unicorn_31 (K6), Urkel_31 (K1), Validus_31 (K1), Veliki_31 (K1), Waterfoul_30 (K5), Ximenita_32 (K6), YoureAdopted_30 (K1), Yuna_32 (K6), Yunkel11_31 (K1), Zabiza_31 (K1), Zavala_31 (K1),

Start 177:
• Found in 26 of 1718 (1.5%) of genes in pham
• Manual Annotations of this start: 9 of 1564
• Called 42.3% of time when present
• Phage (with cluster) where this start called: AN9_14 (A2), ANI8_14 (A2), C3_09 (A2), FlyCatcher_14 (A7), Kimona_7 (A19), Nergal_27 (AG), Sheen_12 (A7), SirPhilip_30 (K6), TClif_32 (K6), Toro_13 (A7), VC3_14 (A2),

Start 181:
• Found in 91 of 1718 (5.3%) of genes in pham
• Manual Annotations of this start: 57 of 1564
• Called 65.9% of time when present
• Phage (with cluster) where this start called: AgentM_8 (A5), Airmid_8 (A5), Aragog_8 (A5), Archetta_8 (A5), Astro_8 (A8), Benedict_8 (A5), Bluefalcon_7 (A5), Bonamassa_8 (A5), Caitlin_8 (A8), Chadwick_9 (A5), Coeur_17 (CW2), Conspiracy_8 (A5), Coog_8 (A5), Cuco_8 (A5), Danforth_7 (A8), Discoknowium_8 (A5), Dixon_8 (A8), Dublin_7 (A5), ElTiger69_8 (A5), Emperor_4 (DM), EpicDab_7 (DM), Expelliarmus_7 (A8), Florence4_9 (A5), ForGetIt_8 (A5), GMA5_15 (CW2), GRU3_15 (CW2), George_7 (A5), Ghoulboy_8 (A5), Groundhog_7 (A8), HuhtaEnerson15_8 (A5), Jabiru_8 (A5), Jovo_8 (A5), Lev2_8 (A5), LittleCherry_8 (A5), MarysWell_7 (A5), Micasa_8 (A5), Midas2_8 (A5), Milcery_8 (A5), Naca_8 (A5), NearlyHeadless_8 (A8), PP_20 (A7), PetterN_9 (A5), Phillis_8 (A8), Phlorence_8

(A5), PickleBack_8 (A5), Prinashe11_8 (A5), Rahul_17 (CW2), Roary_8 (A8), Saintus_8 (A8), Scorpia_9 (A5), Smeadley_8 (A8), Stephig9_8 (A8), Swirley_8 (A5), SydNat_8 (A5), Tarynearal_7 (A5), Theia_7 (A5), Tiger_8 (A5), Twigg_8 (A5), UnionJack_8 (A5), Zolita_7 (A5),

Start 183:
• Found in 4 of 1718 (0.2%) of genes in pham
• Manual Annotations of this start: 4 of 1564
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Journey13_9 (A2), MissWhite_11 (A2), P3MA_29 (singleton), TipsytheTRex_10 (A2),

Start 184:
• Found in 620 of 1718 (36.1%) of genes in pham
• Manual Annotations of this start: 1 of 1564
• Called 0.6% of time when present
• Phage (with cluster) where this start called: DoubleChamp_30 (K5), Kratio_29 (K5), Neighly_31 (K3), Pisa1_30 (K1),

Start 197:
• Found in 45 of 1718 (2.6%) of genes in pham
• No Manual Annotations of this start.
• Called 2.2% of time when present
• Phage (with cluster) where this start called: Florence1_8 (A5),

Summary by clusters:

There are 54 clusters represented in this pham: singleton, DM, M3, K4, K7, A21, K3, K1, M1, K6, K5, M2, K8, A14, A17, A10, A12, CW2, A19, A1, A3, A2, A5, A4, A7, A8, C1, AC, AE, AG, F, B12, J, O, B10, R, L2, L3, L1, X, UNK, F1, F2, F4, F5, F6, F7, F8, L4, B6, B3, U, B9, B13,

Info for manual annotations of cluster A1:
•Start number 71 was manually annotated 225 times for cluster A1.
•Start number 87 was manually annotated 5 times for cluster A1.
•Start number 94 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:
•Start number 72 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A12:
•Start number 72 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 96 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A19:
•Start number 177 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 63 was manually annotated 1 time for cluster A2.
•Start number 72 was manually annotated 38 times for cluster A2.

•Start number 80 was manually annotated 1 time for cluster A2.
•Start number 82 was manually annotated 7 times for cluster A2.
•Start number 83 was manually annotated 40 times for cluster A2.
•Start number 101 was manually annotated 1 time for cluster A2.
•Start number 176 was manually annotated 14 times for cluster A2.
•Start number 177 was manually annotated 4 times for cluster A2.
•Start number 183 was manually annotated 3 times for cluster A2.

Info for manual annotations of cluster A21:
•Start number 83 was manually annotated 1 time for cluster A21.

Info for manual annotations of cluster A3:
•Start number 65 was manually annotated 101 times for cluster A3.
•Start number 72 was manually annotated 1 time for cluster A3.
•Start number 159 was manually annotated 1 time for cluster A3.
•Start number 166 was manually annotated 22 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 83 was manually annotated 13 times for cluster A4.
•Start number 84 was manually annotated 116 times for cluster A4.
•Start number 86 was manually annotated 14 times for cluster A4.
•Start number 102 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:
•Start number 181 was manually annotated 40 times for cluster A5.

Info for manual annotations of cluster A7:
•Start number 72 was manually annotated 3 times for cluster A7.
•Start number 177 was manually annotated 1 time for cluster A7.
•Start number 181 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:
•Start number 181 was manually annotated 12 times for cluster A8.

Info for manual annotations of cluster AC:
•Start number 154 was manually annotated 1 time for cluster AC.

Info for manual annotations of cluster AE:
•Start number 163 was manually annotated 3 times for cluster AE.

Info for manual annotations of cluster AG:
•Start number 176 was manually annotated 1 time for cluster AG.
•Start number 177 was manually annotated 1 time for cluster AG.

Info for manual annotations of cluster B10:
•Start number 81 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B12:
•Start number 83 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 82 was manually annotated 1 time for cluster B13.
•Start number 84 was manually annotated 2 times for cluster B13.

Info for manual annotations of cluster B3:
•Start number 52 was manually annotated 53 times for cluster B3.

Info for manual annotations of cluster B6:
•Start number 82 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B9:
•Start number 82 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster C1:
•Start number 57 was manually annotated 189 times for cluster C1.
•Start number 67 was manually annotated 3 times for cluster C1.

Info for manual annotations of cluster CW2:
•Start number 181 was manually annotated 2 times for cluster CW2.

Info for manual annotations of cluster DM:
•Start number 181 was manually annotated 2 times for cluster DM.

Info for manual annotations of cluster F:
•Start number 68 was manually annotated 1 time for cluster F.

Info for manual annotations of cluster F1:
•Start number 55 was manually annotated 31 times for cluster F1.
•Start number 63 was manually annotated 193 times for cluster F1.
•Start number 70 was manually annotated 1 time for cluster F1.
•Start number 160 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F2:
•Start number 63 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F4:
•Start number 63 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:
•Start number 63 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster F7:
•Start number 63 was manually annotated 1 time for cluster F7.

Info for manual annotations of cluster J:
•Start number 77 was manually annotated 3 times for cluster J.
•Start number 154 was manually annotated 30 times for cluster J.
•Start number 171 was manually annotated 1 time for cluster J.

Info for manual annotations of cluster K1:
•Start number 174 was manually annotated 9 times for cluster K1.
•Start number 176 was manually annotated 104 times for cluster K1.

Info for manual annotations of cluster K3:

•Start number 176 was manually annotated 9 times for cluster K3.

Info for manual annotations of cluster K4:
•Start number 162 was manually annotated 22 times for cluster K4.

Info for manual annotations of cluster K5:
•Start number 174 was manually annotated 11 times for cluster K5.
•Start number 176 was manually annotated 13 times for cluster K5.
•Start number 184 was manually annotated 1 time for cluster K5.

Info for manual annotations of cluster K6:
•Start number 176 was manually annotated 24 times for cluster K6.
•Start number 177 was manually annotated 2 times for cluster K6.

Info for manual annotations of cluster K7:
•Start number 63 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:
•Start number 162 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster L1:
•Start number 64 was manually annotated 19 times for cluster L1.

Info for manual annotations of cluster L2:
•Start number 80 was manually annotated 26 times for cluster L2.

Info for manual annotations of cluster L3:
•Start number 80 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:
•Start number 64 was manually annotated 3 times for cluster L4.

Info for manual annotations of cluster M1:
•Start number 85 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:
•Start number 84 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:
•Start number 84 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster O:
•Start number 62 was manually annotated 32 times for cluster O.

Info for manual annotations of cluster R:
•Start number 63 was manually annotated 10 times for cluster R.

Info for manual annotations of cluster U:
•Start number 55 was manually annotated 4 times for cluster U.

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

Info for manual annotations of cluster X:
•Start number 63 was manually annotated 1 time for cluster X.
•Start number 154 was manually annotated 1 time for cluster X.

Gene Information:

Gene: 20ES_11 Start: 6443, Stop: 7420, Start Num: 72
Candidate Starts for 20ES_11:
(Start: 72 @6443 has 61 MA's), (Start: 94 @6497 has 1 MA's), (189, 6686), (196, 6722), (200, 6734), (220, 6791), (233, 6827), (264, 6875), (274, 6914), (305, 6986), (309, 7001), (330, 7064), (348, 7106), (369, 7154), (381, 7181), (386, 7196), (392, 7214), (393, 7217), (413, 7256), (440, 7307), (486, 7406),

Gene: 39HC_042 Start: 40379, Stop: 41374, Start Num: 82
Candidate Starts for 39HC_042:
(Start: 82 @40379 has 12 MA's), (Start: 94 @40409 has 1 MA's), (Start: 101 @40430 has 1 MA's), (Start: 102 @40433 has 1 MA's), (134, 40520), (Start: 162 @40568 has 23 MA's), (179, 40601), (196, 40670), (218, 40733), (220, 40739), (233, 40775), (265, 40823), (306, 40934), (335, 41021), (337, 41024), (363, 41084), (369, 41096), (374, 41108), (377, 41114), (421, 41219), (487, 41351),

Gene: 40AC_14 Start: 8493, Stop: 9470, Start Num: 72
Candidate Starts for 40AC_14:
(Start: 72 @8493 has 61 MA's), (Start: 94 @8547 has 1 MA's), (189, 8736), (200, 8784), (220, 8841), (264, 8925), (274, 8964), (296, 9012), (304, 9033), (309, 9051), (330, 9114), (348, 9156), (369, 9204), (381, 9231), (386, 9246), (393, 9267), (413, 9306), (440, 9357), (471, 9426),

Gene: 40BC_042 Start: 40379, Stop: 41374, Start Num: 82
Candidate Starts for 40BC_042:
(Start: 82 @40379 has 12 MA's), (Start: 94 @40409 has 1 MA's), (Start: 101 @40430 has 1 MA's), (Start: 102 @40433 has 1 MA's), (134, 40520), (Start: 162 @40568 has 23 MA's), (179, 40601), (196, 40670), (218, 40733), (220, 40739), (233, 40775), (265, 40823), (306, 40934), (335, 41021), (337, 41024), (363, 41084), (369, 41096), (374, 41108), (377, 41114), (421, 41219), (487, 41351),

Gene: A6_08 Start: 5593, Stop: 6561, Start Num: 71
Candidate Starts for A6_08:
(Start: 71 @5593 has 225 MA's), (Start: 87 @5626 has 5 MA's), (92, 5644), (Start: 94 @5647 has 1 MA's), (Start: 184 @5836 has 1 MA's), (203, 5914), (210, 5932), (220, 5965), (223, 5977), (264, 6052), (284, 6115), (296, 6139), (309, 6178), (317, 6196), (343, 6259), (384, 6340), (392, 6364), (393, 6367), (394, 6370), (402, 6379), (446, 6466), (457, 6490), (470, 6511), (490, 6553),

Gene: ACFishhook_12 Start: 6114, Stop: 7079, Start Num: 65
Candidate Starts for ACFishhook_12:
(Start: 65 @6114 has 101 MA's), (Start: 94 @6180 has 1 MA's), (111, 6234), (144, 6312), (200, 6435), (220, 6492), (264, 6564), (274, 6603), (282, 6621), (309, 6690), (357, 6807), (369, 6834), (393, 6897), (440, 6987), (444, 6993),

Gene: AFIS_10 Start: 5930, Stop: 6898, Start Num: 71
Candidate Starts for AFIS_10:
(Start: 71 @5930 has 225 MA's), (Start: 87 @5963 has 5 MA's), (92, 5981), (Start: 94 @5984 has 1 MA's), (203, 6251), (220, 6302), (223, 6314), (264, 6389), (284, 6452), (289, 6464), (299, 6485), (304, 6497), (309, 6515), (317, 6533), (321, 6557), (343, 6596), (384, 6677), (392, 6701), (393, 6704), (394, 6707), (402, 6716), (446, 6803), (490, 6890),

Gene: AN3_11 Start: 6428, Stop: 7405, Start Num: 72
Candidate Starts for AN3_11:
(19, 5960), (Start: 72 @6428 has 61 MA's), (Start: 94 @6482 has 1 MA's), (189, 6671), (196, 6707), (200, 6719), (220, 6776), (233, 6812), (264, 6860), (274, 6899), (296, 6947), (302, 6965), (305, 6971), (309, 6986), (330, 7049), (348, 7091), (369, 7139), (381, 7166), (386, 7181), (392, 7199), (393, 7202), (413, 7241), (440, 7292),

Gene: AN9_14 Start: 6596, Stop: 7345, Start Num: 177
Candidate Starts for AN9_14:
(Start: 177 @6596 has 9 MA's), (180, 6602), (221, 6743), (264, 6830), (269, 6854), (271, 6860), (282, 6887), (304, 6938), (309, 6956), (369, 7100), (393, 7163), (416, 7211), (418, 7214), (436, 7244), (440, 7253),

Gene: ANI8_14 Start: 6596, Stop: 7345, Start Num: 177
Candidate Starts for ANI8_14:
(Start: 177 @6596 has 9 MA's), (180, 6602), (221, 6743), (264, 6830), (269, 6854), (271, 6860), (282, 6887), (304, 6938), (309, 6956), (369, 7100), (393, 7163), (416, 7211), (418, 7214), (436, 7244), (440, 7253),

Gene: AbbyPaige_13 Start: 6873, Stop: 7865, Start Num: 83
Candidate Starts for AbbyPaige_13:
(Start: 83 @6873 has 55 MA's), (Start: 101 @6924 has 1 MA's), (Start: 102 @6927 has 1 MA's), (179, 7095), (Start: 184 @7101 has 1 MA's), (189, 7128), (205, 7188), (220, 7233), (264, 7320), (278, 7365), (294, 7404), (310, 7452), (338, 7533), (358, 7575), (393, 7662), (448, 7776),

Gene: AbbysRanger_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for AbbysRanger_10:
(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (186, 6121), (200, 6190), (220, 6247), (223, 6259), (237, 6289), (251, 6310), (265, 6331), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: Abbyshoes_11 Start: 6019, Stop: 6987, Start Num: 71
Candidate Starts for Abbyshoes_11:
(Start: 71 @6019 has 225 MA's), (Start: 87 @6052 has 5 MA's), (92, 6070), (Start: 94 @6073 has 1 MA's), (203, 6340), (220, 6391), (223, 6403), (264, 6478), (284, 6541), (289, 6553), (299, 6574), (304, 6586), (309, 6604), (317, 6622), (321, 6646), (343, 6685), (384, 6766), (392, 6790), (393, 6793), (394, 6796), (402, 6805), (446, 6892), (470, 6937), (490, 6979),

Gene: Abdiel_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Abdiel_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Abinghost_47 Start: 41532, Stop: 42590, Start Num: 52
Candidate Starts for Abinghost_47:
(Start: 52 @41532 has 53 MA's), (Start: 77 @41595 has 3 MA's), (110, 41676), (138, 41736), (144, 41751), (147, 41763), (161, 41790), (188, 41847), (190, 41856), (242, 42003), (251, 42018), (269, 42072), (282, 42105), (301, 42144), (305, 42156), (331, 42237), (343, 42255), (344, 42258), (369, 42303), (416, 42414), (475, 42525), (486, 42546), (499, 42579),

Gene: Ablatia_252 Start: 144206, Stop: 145234, Start Num: 57
Candidate Starts for Ablatia_252:
(Start: 57 @144206 has 189 MA's), (Start: 67 @144236 has 3 MA's), (73, 144248), (91, 144290), (116, 144353), (124, 144374), (Start: 160 @144458 has 1 MA's), (Start: 184 @144500 has 1 MA's), (187, 144512), (189, 144527), (210, 144596), (220, 144623), (244, 144677), (261, 144722), (262, 144725), (264, 144728), (288, 144803), (299, 144824), (343, 144935), (386, 145025), (392, 145043), (430, 145115), (448, 145148),

Gene: Abrogate_110 Start: 6675, Stop: 7643, Start Num: 71
Candidate Starts for Abrogate_110:
(Start: 71 @6675 has 225 MA's), (Start: 87 @6708 has 5 MA's), (92, 6726), (Start: 94 @6729 has 1 MA's), (203, 6996), (220, 7047), (223, 7059), (264, 7134), (284, 7197), (289, 7209), (299, 7230), (304, 7242), (309, 7260), (317, 7278), (321, 7302), (343, 7341), (384, 7422), (392, 7446), (393, 7449), (394, 7452), (402, 7461), (446, 7548), (490, 7635),

Gene: Achebe_10 Start: 5878, Stop: 6858, Start Num: 84
Candidate Starts for Achebe_10:
(51, 5818), (61, 5836), (Start: 84 @5878 has 125 MA's), (Start: 86 @5881 has 14 MA's), (Start: 94 @5905 has 1 MA's), (Start: 101 @5926 has 1 MA's), (Start: 102 @5929 has 1 MA's), (200, 6178), (218, 6229), (220, 6235), (223, 6247), (237, 6277), (265, 6319), (280, 6367), (296, 6397), (306, 6424), (363, 6574), (417, 6697), (421, 6709), (429, 6718), (456, 6775), (491, 6850),

Gene: Acme_11 Start: 5864, Stop: 6832, Start Num: 71
Candidate Starts for Acme_11:
(Start: 71 @5864 has 225 MA's), (Start: 87 @5897 has 5 MA's), (92, 5915), (Start: 94 @5918 has 1 MA's), (203, 6185), (220, 6236), (223, 6248), (264, 6323), (284, 6386), (289, 6398), (299, 6419), (304, 6431), (309, 6449), (317, 6467), (321, 6491), (343, 6530), (384, 6611), (392, 6635), (393, 6638), (394, 6641), (402, 6650), (446, 6737), (490, 6824),

Gene: Acolyte_11 Start: 6523, Stop: 7593, Start Num: 80
Candidate Starts for Acolyte_11:
(58, 6463), (Start: 80 @6523 has 47 MA's), (92, 6556), (98, 6574), (99, 6577), (126, 6658), (182, 6775), (196, 6838), (206, 6865), (220, 6907), (233, 6943), (240, 6958), (267, 7027), (270, 7039), (272, 7045), (277, 7057), (298, 7096), (301, 7102), (353, 7249), (385, 7315), (388, 7324), (457, 7453), (458, 7456),

Gene: Acquire49_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for Acquire49_26:
(Start: 64 @25547 has 22 MA's), (120, 25700), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (Start: 176 @25823 has 165 MA's), (185, 25838), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420), (419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: ActinUp_31 Start: 26463, Stop: 27335, Start Num: 176
Candidate Starts for ActinUp_31:
(157, 26436), (Start: 176 @26463 has 165 MA's), (Start: 184 @26475 has 1 MA's), (200, 26544), (210, 26571), (217, 26601), (220, 26610), (233, 26646), (238, 26655), (257, 26688), (264, 26706), (271, 26736), (300, 26793), (301, 26796), (350, 26931), (364, 26958), (373, 26979), (381, 27003), (398, 27054), (419, 27156), (442, 27192), (455, 27216), (495, 27315), (498, 27324),

Gene: Adahisdi_11 Start: 6258, Stop: 7226, Start Num: 71

Candidate Starts for Adahisdi_11:
(Start: 71 @6258 has 225 MA's), (Start: 87 @6291 has 5 MA's), (92, 6309), (Start: 94 @6312 has 1 MA's), (203, 6579), (220, 6630), (223, 6642), (264, 6717), (284, 6780), (299, 6813), (304, 6825), (309, 6843), (317, 6861), (343, 6924), (384, 7005), (392, 7029), (393, 7032), (394, 7035), (402, 7044), (446, 7131), (470, 7176), (490, 7218),

Gene: Adephagia_31 Start: 26460, Stop: 27332, Start Num: 176
Candidate Starts for Adephagia_31:
(157, 26433), (Start: 176 @26460 has 165 MA's), (Start: 184 @26472 has 1 MA's), (200, 26541), (210, 26568), (217, 26598), (220, 26607), (233, 26643), (238, 26652), (257, 26685), (264, 26703), (271, 26733), (300, 26790), (301, 26793), (350, 26928), (364, 26955), (373, 26976), (381, 27000), (398, 27051), (419, 27153), (442, 27189), (455, 27213), (495, 27312), (498, 27321),

Gene: Ading_255 Start: 146639, Stop: 147667, Start Num: 57
Candidate Starts for Ading_255:
(Start: 57 @146639 has 189 MA's), (Start: 67 @146669 has 3 MA's), (73, 146681), (91, 146723), (116, 146786), (124, 146807), (Start: 160 @146891 has 1 MA's), (Start: 184 @146933 has 1 MA's), (187, 146945), (189, 146960), (210, 147029), (220, 147056), (244, 147110), (261, 147155), (262, 147158), (288, 147236), (299, 147257), (343, 147368), (386, 147458), (392, 147476), (430, 147548), (448, 147581),

Gene: Adlitam_252 Start: 144794, Stop: 145822, Start Num: 57
Candidate Starts for Adlitam_252:
(Start: 57 @144794 has 189 MA's), (Start: 67 @144824 has 3 MA's), (73, 144836), (91, 144878), (116, 144941), (124, 144962), (Start: 160 @145046 has 1 MA's), (Start: 184 @145088 has 1 MA's), (187, 145100), (189, 145115), (210, 145184), (220, 145211), (244, 145265), (261, 145310), (262, 145313), (288, 145391), (299, 145412), (343, 145523), (386, 145613), (392, 145631), (430, 145703), (448, 145736),

Gene: Adonis_31 Start: 26466, Stop: 27338, Start Num: 176
Candidate Starts for Adonis_31:
(157, 26439), (Start: 176 @26466 has 165 MA's), (Start: 184 @26478 has 1 MA's), (200, 26547), (210, 26574), (217, 26604), (220, 26613), (233, 26649), (238, 26658), (257, 26691), (264, 26709), (271, 26739), (301, 26799), (350, 26934), (364, 26961), (373, 26982), (381, 27006), (398, 27057), (419, 27159), (442, 27195), (455, 27219), (495, 27318), (498, 27327),

Gene: Aeneas_12 Start: 6353, Stop: 7321, Start Num: 71
Candidate Starts for Aeneas_12:
(Start: 71 @6353 has 225 MA's), (Start: 87 @6386 has 5 MA's), (92, 6404), (Start: 94 @6407 has 1 MA's), (203, 6674), (220, 6725), (223, 6737), (264, 6812), (284, 6875), (289, 6887), (299, 6908), (304, 6920), (309, 6938), (317, 6956), (321, 6980), (343, 7019), (384, 7100), (392, 7124), (393, 7127), (394, 7130), (402, 7139), (446, 7226), (490, 7313),

Gene: Agaliana_10 Start: 6067, Stop: 7035, Start Num: 71
Candidate Starts for Agaliana_10:
(Start: 71 @6067 has 225 MA's), (Start: 87 @6100 has 5 MA's), (92, 6118), (Start: 94 @6121 has 1 MA's), (203, 6388), (220, 6439), (223, 6451), (264, 6526), (284, 6589), (299, 6622), (304, 6634), (309, 6652), (317, 6670), (343, 6733), (384, 6814), (392, 6838), (393, 6841), (394, 6844), (402, 6853), (446, 6940), (470, 6985), (490, 7027),

Gene: Agape74_13 Start: 6873, Stop: 7865, Start Num: 83
Candidate Starts for Agape74_13:

(Start: 83 @6873 has 55 MA's), (Start: 101 @6924 has 1 MA's), (Start: 102 @6927 has 1 MA's), (179, 7095), (Start: 184 @7101 has 1 MA's), (189, 7128), (205, 7188), (220, 7233), (264, 7320), (278, 7365), (294, 7404), (310, 7452), (338, 7533), (358, 7575), (393, 7662), (448, 7776),

Gene: Agent47_30 Start: 27227, Stop: 27988, Start Num: 174
Candidate Starts for Agent47_30:
(148, 27179), (Start: 174 @27227 has 20 MA's), (Start: 184 @27239 has 1 MA's), (185, 27242), (186, 27245), (190, 27272), (200, 27308), (218, 27368), (220, 27374), (231, 27404), (233, 27410), (238, 27419), (257, 27452), (269, 27494), (270, 27497), (274, 27509), (295, 27545), (301, 27560), (311, 27596), (350, 27695), (364, 27722), (373, 27743), (419, 27806), (436, 27830), (448, 27854), (473, 27923), (495, 27968), (498, 27977),

Gene: AgentM_8 Start: 5433, Stop: 6242, Start Num: 181
Candidate Starts for AgentM_8:
(Start: 181 @5433 has 57 MA's), (194, 5496), (197, 5505), (203, 5526), (213, 5562), (230, 5610), (256, 5667), (261, 5691), (343, 5922), (362, 5979), (495, 6228),

Gene: Ageofdapage_31 Start: 26403, Stop: 27275, Start Num: 176
Candidate Starts for Ageofdapage_31:
(157, 26376), (Start: 176 @26403 has 165 MA's), (Start: 184 @26415 has 1 MA's), (200, 26484), (210, 26511), (217, 26541), (220, 26550), (233, 26586), (238, 26595), (257, 26628), (264, 26646), (301, 26736), (350, 26871), (364, 26898), (373, 26919), (381, 26943), (398, 26994), (419, 27096), (442, 27132), (455, 27156), (495, 27255), (498, 27264),

Gene: Aglet_12 Start: 5963, Stop: 6928, Start Num: 65
Candidate Starts for Aglet_12:
(Start: 65 @5963 has 101 MA's), (88, 6008), (Start: 94 @6029 has 1 MA's), (139, 6149), (200, 6287), (220, 6344), (225, 6359), (269, 6440), (274, 6455), (282, 6473), (304, 6524), (309, 6542), (322, 6587), (369, 6683), (393, 6746), (413, 6785), (440, 6836),

Gene: AgronaGT15_12 Start: 5870, Stop: 6835, Start Num: 65
Candidate Starts for AgronaGT15_12:
(Start: 65 @5870 has 101 MA's), (88, 5915), (Start: 94 @5936 has 1 MA's), (139, 6056), (200, 6194), (220, 6251), (225, 6266), (269, 6347), (274, 6362), (282, 6380), (304, 6431), (309, 6449), (322, 6494), (369, 6590), (393, 6653), (413, 6692), (440, 6743),

Gene: Aikoy_46 Start: 36375, Stop: 37256, Start Num: 163
Candidate Starts for Aikoy_46:
(Start: 163 @36375 has 3 MA's), (193, 36471), (195, 36477), (220, 36561), (222, 36573), (262, 36675), (290, 36753), (298, 36774), (336, 36897), (350, 36936), (366, 36981), (392, 37050), (435, 37101), (438, 37110), (443, 37119), (464, 37179), (479, 37215),

Gene: Airmid_8 Start: 5180, Stop: 5989, Start Num: 181
Candidate Starts for Airmid_8:
(Start: 181 @5180 has 57 MA's), (191, 5225), (213, 5309), (219, 5324), (230, 5357), (322, 5627), (343, 5669), (355, 5708), (362, 5726), (376, 5756), (486, 5954),

Gene: Ajay_10 Start: 6063, Stop: 7031, Start Num: 71
Candidate Starts for Ajay_10:
(Start: 71 @6063 has 225 MA's), (Start: 87 @6096 has 5 MA's), (92, 6114), (Start: 94 @6117 has 1 MA's), (203, 6384), (220, 6435), (223, 6447), (264, 6522), (284, 6585), (299, 6618), (304, 6630), (309, 6648), (317, 6666), (343, 6729), (384, 6810), (392, 6834), (393, 6837), (394, 6840), (402, 6849), (446, 6936), (470, 6981), (490, 7023),

Gene: Akhila_25 Start: 23599, Stop: 24597, Start Num: 55
Candidate Starts for Akhila_25:
(Start: 55 @23599 has 35 MA's), (91, 23674), (116, 23734), (124, 23755), (Start: 160 @23839 has 1 MA's), (187, 23890), (189, 23905), (220, 24001), (264, 24088), (269, 24112), (277, 24133), (294, 24172), (299, 24184), (317, 24232), (322, 24259), (333, 24283), (343, 24298), (392, 24406), (416, 24454), (455, 24523), (470, 24553),

Gene: Akoma_47 Start: 41537, Stop: 42601, Start Num: 52
Candidate Starts for Akoma_47:
(Start: 52 @41537 has 53 MA's), (Start: 77 @41600 has 3 MA's), (110, 41681), (138, 41747), (144, 41762), (147, 41774), (161, 41801), (188, 41858), (190, 41867), (242, 42014), (251, 42029), (269, 42083), (282, 42116), (301, 42155), (305, 42167), (331, 42248), (343, 42266), (344, 42269), (369, 42314), (416, 42425), (475, 42536), (486, 42557), (499, 42590),

Gene: Albee_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Albee_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Alberto7_11 Start: 6186, Stop: 7166, Start Num: 84
Candidate Starts for Alberto7_11:
(Start: 84 @6186 has 125 MA's), (Start: 86 @6189 has 14 MA's), (Start: 94 @6213 has 1 MA's), (Start: 101 @6234 has 1 MA's), (Start: 102 @6237 has 1 MA's), (200, 6486), (220, 6543), (265, 6627), (269, 6648), (280, 6675), (296, 6705), (306, 6732), (363, 6882), (411, 6993), (417, 7005), (421, 7017), (456, 7083),

Gene: Aldrich_11 Start: 6577, Stop: 7539, Start Num: 71
Candidate Starts for Aldrich_11:
(Start: 71 @6577 has 225 MA's), (Start: 87 @6610 has 5 MA's), (92, 6628), (Start: 94 @6631 has 1 MA's), (203, 6898), (220, 6943), (265, 7033), (294, 7114), (299, 7126), (304, 7138), (309, 7156), (317, 7174), (321, 7198), (343, 7237), (384, 7318), (392, 7342), (393, 7345), (394, 7348), (402, 7357), (446, 7444), (470, 7489), (490, 7531),

Gene: Alexphander_34 Start: 28281, Stop: 29282, Start Num: 63
Candidate Starts for Alexphander_34:
(2, 27660), (4, 27738), (8, 27801), (16, 27840), (21, 27972), (24, 27993), (28, 28029), (37, 28182), (50, 28254), (Start: 63 @28281 has 221 MA's), (91, 28356), (Start: 102 @28389 has 1 MA's), (116, 28419), (124, 28440), (Start: 160 @28524 has 1 MA's), (Start: 174 @28548 has 20 MA's), (Start: 184 @28563 has 1 MA's), (187, 28575), (220, 28686), (270, 28800), (277, 28818), (294, 28857), (304, 28881), (317, 28917), (322, 28944), (343, 28983), (369, 29031), (392, 29091), (416, 29139), (424, 29151), (446, 29193), (448, 29196), (455, 29208), (470, 29238),

Gene: Alice_238 Start: 141870, Stop: 142898, Start Num: 57
Candidate Starts for Alice_238:
(Start: 57 @141870 has 189 MA's), (Start: 67 @141900 has 3 MA's), (91, 141954), (116, 142017), (124, 142038), (Start: 160 @142122 has 1 MA's), (Start: 184 @142164 has 1 MA's), (187, 142176), (189, 142191), (210, 142260), (220, 142287), (244, 142341), (261, 142386), (262, 142389), (288, 142467), (299, 142488), (343, 142599), (386, 142689), (392, 142707), (430, 142779), (448, 142812),

Gene: AlishaPH_31 Start: 26453, Stop: 27325, Start Num: 176

Candidate Starts for AlishaPH_31:
(44, 26123), (125, 26351), (157, 26426), (Start: 176 @26453 has 165 MA's), (Start: 184 @26465 has 1 MA's), (200, 26534), (210, 26561), (217, 26591), (220, 26600), (233, 26636), (238, 26645), (257, 26678), (264, 26696), (271, 26726), (301, 26786), (350, 26921), (364, 26948), (373, 26969), (381, 26993), (398, 27044), (419, 27146), (442, 27182), (455, 27206), (495, 27305), (498, 27314),

Gene: Alkhayr_67 Start: 43133, Stop: 44173, Start Num: 62
Candidate Starts for Alkhayr_67:
(Start: 62 @43133 has 32 MA's), (91, 43208), (116, 43289), (119, 43295), (124, 43310), (158, 43391), (Start: 160 @43394 has 1 MA's), (187, 43448), (189, 43463), (220, 43559), (235, 43598), (248, 43628), (261, 43658), (262, 43661), (271, 43694), (299, 43760), (311, 43799), (317, 43808), (322, 43835), (343, 43874), (428, 44048), (455, 44099),

Gene: AlleyCat_31 Start: 27158, Stop: 27919, Start Num: 174
Candidate Starts for AlleyCat_31:
(148, 27110), (Start: 174 @27158 has 20 MA's), (Start: 184 @27170 has 1 MA's), (186, 27176), (190, 27203), (200, 27239), (218, 27299), (220, 27305), (231, 27335), (233, 27341), (238, 27350), (257, 27383), (269, 27425), (270, 27428), (274, 27440), (295, 27476), (301, 27491), (311, 27527), (350, 27626), (364, 27653), (373, 27674), (419, 27737), (436, 27761), (448, 27785), (473, 27854), (495, 27899), (498, 27908),

Gene: Aloeri_33 Start: 28140, Stop: 29141, Start Num: 63
Candidate Starts for Aloeri_33:
(28, 27879), (37, 28041), (Start: 63 @28140 has 221 MA's), (91, 28215), (116, 28278), (124, 28299), (Start: 160 @28383 has 1 MA's), (Start: 174 @28407 has 20 MA's), (Start: 184 @28422 has 1 MA's), (187, 28434), (220, 28545), (270, 28659), (277, 28677), (294, 28716), (304, 28740), (317, 28776), (322, 28803), (343, 28842), (392, 28950), (416, 28998), (424, 29010), (455, 29067), (470, 29097),

Gene: AlpineSix_32 Start: 27729, Stop: 28730, Start Num: 63
Candidate Starts for AlpineSix_32:
(1, 27108), (3, 27186), (7, 27249), (15, 27288), (21, 27420), (24, 27441), (28, 27477), (37, 27630), (Start: 63 @27729 has 221 MA's), (Start: 67 @27750 has 3 MA's), (73, 27762), (91, 27804), (Start: 102 @27837 has 1 MA's), (116, 27867), (124, 27888), (Start: 160 @27972 has 1 MA's), (Start: 174 @27996 has 20 MA's), (Start: 184 @28011 has 1 MA's), (187, 28023), (220, 28134), (270, 28248), (277, 28266), (294, 28305), (304, 28329), (317, 28365), (322, 28392), (343, 28431), (392, 28539), (416, 28587), (424, 28599), (446, 28641), (448, 28644), (455, 28656), (470, 28686),

Gene: Alsfro_14 Start: 6806, Stop: 7774, Start Num: 71
Candidate Starts for Alsfro_14:
(Start: 71 @6806 has 225 MA's), (Start: 87 @6839 has 5 MA's), (92, 6857), (Start: 94 @6860 has 1 MA's), (203, 7127), (220, 7178), (223, 7190), (264, 7265), (284, 7328), (296, 7352), (309, 7391), (317, 7409), (343, 7472), (384, 7553), (392, 7577), (393, 7580), (394, 7583), (402, 7592), (446, 7679), (470, 7724), (490, 7766),

Gene: Altman_11 Start: 6601, Stop: 7569, Start Num: 71
Candidate Starts for Altman_11:
(Start: 71 @6601 has 225 MA's), (Start: 87 @6634 has 5 MA's), (92, 6652), (Start: 94 @6655 has 1 MA's), (203, 6922), (220, 6973), (223, 6985), (264, 7060), (284, 7123), (299, 7156), (304, 7168), (309, 7186), (317, 7204), (321, 7228), (343, 7267), (384, 7348), (392, 7372), (393, 7375), (394, 7378), (402, 7387), (446, 7474), (490, 7561),

Gene: Alvin_11 Start: 6274, Stop: 7242, Start Num: 71
Candidate Starts for Alvin_11:

(Start: 71 @6274 has 225 MA's), (Start: 87 @6307 has 5 MA's), (92, 6325), (Start: 94 @6328 has 1 MA's), (203, 6595), (220, 6646), (223, 6658), (264, 6733), (284, 6796), (289, 6808), (299, 6829), (304, 6841), (309, 6859), (317, 6877), (321, 6901), (343, 6940), (384, 7021), (392, 7045), (393, 7048), (394, 7051), (402, 7060), (446, 7147), (470, 7192), (490, 7234),

Gene: Amataga_253 Start: 143793, Stop: 144821, Start Num: 57
Candidate Starts for Amataga_253:
(Start: 57 @143793 has 189 MA's), (Start: 67 @143823 has 3 MA's), (73, 143835), (91, 143877), (116, 143940), (124, 143961), (Start: 160 @144045 has 1 MA's), (Start: 184 @144087 has 1 MA's), (187, 144099), (189, 144114), (210, 144183), (220, 144210), (244, 144264), (261, 144309), (262, 144312), (288, 144390), (299, 144411), (343, 144522), (386, 144612), (392, 144630), (430, 144702), (448, 144735),

Gene: Amelie_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Amelie_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Amgine_29 Start: 26539, Stop: 27276, Start Num: 176
Candidate Starts for Amgine_29:
(125, 26428), (133, 26449), (148, 26488), (157, 26509), (Start: 176 @26539 has 165 MA's), (Start: 184 @26551 has 1 MA's), (190, 26584), (200, 26620), (217, 26668), (220, 26677), (233, 26713), (238, 26722), (257, 26755), (301, 26863), (309, 26890), (344, 26977), (350, 26995), (360, 27010), (364, 27022), (373, 27043), (381, 27067), (413, 27079), (416, 27088), (419, 27097), (448, 27145), (495, 27256), (497, 27265),

Gene: Aminay_31 Start: 27639, Stop: 28646, Start Num: 63
Candidate Starts for Aminay_31:
(Start: 63 @27639 has 221 MA's), (91, 27714), (Start: 94 @27723 has 1 MA's), (116, 27777), (123, 27789), (124, 27798), (Start: 160 @27879 has 1 MA's), (Start: 184 @27921 has 1 MA's), (187, 27933), (189, 27948), (220, 28044), (281, 28185), (296, 28218), (309, 28257), (321, 28299), (332, 28323), (343, 28338), (402, 28461), (418, 28497), (446, 28548), (454, 28560), (470, 28593), (494, 28641),

Gene: Amohnition_30 Start: 26969, Stop: 27709, Start Num: 176
Candidate Starts for Amohnition_30:
(40, 26624), (125, 26870), (133, 26891), (148, 26924), (157, 26945), (Start: 176 @26969 has 165 MA's), (Start: 184 @26981 has 1 MA's), (189, 27008), (190, 27014), (217, 27098), (220, 27107), (223, 27119), (238, 27152), (301, 27293), (309, 27320), (350, 27428), (364, 27455), (373, 27476), (381, 27500), (413, 27512), (416, 27521), (448, 27578), (455, 27590), (495, 27689),

Gene: Anaya_32 Start: 26479, Stop: 27351, Start Num: 176
Candidate Starts for Anaya_32:
(157, 26452), (Start: 176 @26479 has 165 MA's), (Start: 184 @26491 has 1 MA's), (200, 26560), (210, 26587), (217, 26617), (220, 26626), (233, 26662), (238, 26671), (257, 26704), (264, 26722), (301, 26812), (350, 26947), (364, 26974), (373, 26995), (381, 27019), (398, 27070), (419, 27172), (442, 27208), (455, 27232), (495, 27331), (498, 27340),

Gene: Angelica_31 Start: 26428, Stop: 27282, Start Num: 176
Candidate Starts for Angelica_31:
(44, 26098), (125, 26326), (157, 26401), (Start: 176 @26428 has 165 MA's), (Start: 184 @26440 has 1 MA's), (200, 26509), (210, 26536), (217, 26566), (220, 26575), (233, 26611), (238, 26620), (257,

26653), (264, 26671), (271, 26701), (301, 26761), (350, 26896), (364, 26923), (373, 26944), (381, 26968), (398, 27001), (419, 27103), (442, 27139), (455, 27163), (495, 27262), (498, 27271),

Gene: Anglerfish_10 Start: 5635, Stop: 6603, Start Num: 71
Candidate Starts for Anglerfish_10:
(Start: 71 @5635 has 225 MA's), (Start: 87 @5668 has 5 MA's), (92, 5686), (Start: 94 @5689 has 1 MA's), (203, 5956), (220, 6007), (223, 6019), (264, 6094), (284, 6157), (289, 6169), (299, 6190), (304, 6202), (309, 6220), (317, 6238), (321, 6262), (343, 6301), (384, 6382), (392, 6406), (393, 6409), (394, 6412), (402, 6421), (446, 6508), (490, 6595),

Gene: Anma_31 Start: 26382, Stop: 27254, Start Num: 176
Candidate Starts for Anma_31:
(125, 26280), (157, 26355), (Start: 176 @26382 has 165 MA's), (Start: 184 @26394 has 1 MA's), (200, 26463), (210, 26490), (217, 26520), (220, 26529), (233, 26565), (238, 26574), (257, 26607), (264, 26625), (301, 26715), (350, 26850), (364, 26877), (373, 26898), (381, 26922), (398, 26973), (419, 27075), (442, 27111), (455, 27135), (495, 27234), (498, 27243),

Gene: AnnaL29_14 Start: 8319, Stop: 9296, Start Num: 72
Candidate Starts for AnnaL29_14:
(54, 8274), (Start: 72 @8319 has 61 MA's), (Start: 94 @8373 has 1 MA's), (189, 8562), (196, 8598), (200, 8610), (220, 8667), (233, 8703), (264, 8751), (274, 8790), (304, 8859), (309, 8877), (322, 8922), (330, 8940), (348, 8982), (369, 9030), (381, 9057), (386, 9072), (393, 9093), (410, 9129), (413, 9132), (436, 9174), (440, 9183),

Gene: Annyong_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Annyong_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (251, 6302), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Anselm_11 Start: 6531, Stop: 7523, Start Num: 83
Candidate Starts for Anselm_11:
(Start: 71 @6510 has 225 MA's), (Start: 83 @6531 has 55 MA's), (Start: 96 @6564 has 1 MA's), (Start: 101 @6582 has 1 MA's), (Start: 102 @6585 has 1 MA's), (112, 6618), (119, 6633), (179, 6753), (Start: 184 @6759 has 1 MA's), (189, 6786), (205, 6846), (220, 6891), (278, 7023), (294, 7062), (310, 7110), (338, 7191), (358, 7233), (393, 7320), (411, 7356), (421, 7380), (442, 7422), (448, 7434), (481, 7509),

Gene: Anubis_14 Start: 5848, Stop: 6813, Start Num: 65
Candidate Starts for Anubis_14:
(Start: 65 @5848 has 101 MA's), (69, 5860), (88, 5893), (Start: 94 @5914 has 1 MA's), (189, 6124), (220, 6229), (269, 6325), (274, 6340), (282, 6358), (302, 6406), (304, 6409), (305, 6412), (309, 6427), (341, 6511), (369, 6568), (393, 6631), (413, 6670), (486, 6802),

Gene: Apocalypse_31 Start: 26431, Stop: 27303, Start Num: 176
Candidate Starts for Apocalypse_31:
(157, 26404), (Start: 176 @26431 has 165 MA's), (Start: 184 @26443 has 1 MA's), (200, 26512), (210, 26539), (217, 26569), (220, 26578), (233, 26614), (238, 26623), (257, 26656), (264, 26674), (301, 26764), (350, 26899), (364, 26926), (373, 26947), (381, 26971), (398, 27022), (419, 27124), (442, 27160), (455, 27184), (495, 27283), (498, 27292),

Gene: Applecrisp_29 Start: 26961, Stop: 27698, Start Num: 176
Candidate Starts for Applecrisp_29:

(125, 26850), (133, 26871), (148, 26910), (157, 26931), (Start: 176 @26961 has 165 MA's), (Start: 184 @26973 has 1 MA's), (190, 27006), (200, 27042), (217, 27090), (220, 27099), (223, 27111), (233, 27135), (257, 27177), (301, 27285), (309, 27312), (344, 27399), (350, 27417), (360, 27432), (364, 27444), (373, 27465), (381, 27489), (413, 27501), (416, 27510), (419, 27519), (448, 27567), (495, 27678), (497, 27687),

Gene: Applejack_10 Start: 6001, Stop: 6969, Start Num: 71
Candidate Starts for Applejack_10:
(Start: 71 @6001 has 225 MA's), (Start: 87 @6034 has 5 MA's), (92, 6052), (Start: 94 @6055 has 1 MA's), (203, 6322), (220, 6373), (223, 6385), (264, 6460), (284, 6523), (299, 6556), (304, 6568), (309, 6586), (317, 6604), (321, 6628), (343, 6667), (384, 6748), (392, 6772), (393, 6775), (394, 6778), (402, 6787), (446, 6874), (490, 6961),

Gene: Appletree2_26 Start: 25490, Stop: 26521, Start Num: 64
Candidate Starts for Appletree2_26:
(Start: 64 @25490 has 22 MA's), (122, 25646), (129, 25670), (135, 25682), (143, 25700), (150, 25718), (158, 25736), (Start: 163 @25742 has 3 MA's), (169, 25751), (Start: 176 @25766 has 165 MA's), (185, 25781), (192, 25829), (200, 25853), (220, 25910), (235, 25949), (271, 26027), (274, 26036), (276, 26039), (282, 26054), (302, 26108), (309, 26129), (313, 26144), (356, 26228), (369, 26258), (393, 26327), (402, 26339), (413, 26363), (419, 26381), (424, 26384), (430, 26396), (432, 26399), (448, 26429), (455, 26441),

Gene: Aragog_8 Start: 5463, Stop: 6272, Start Num: 181
Candidate Starts for Aragog_8:
(Start: 181 @5463 has 57 MA's), (194, 5526), (197, 5535), (203, 5556), (213, 5592), (230, 5640), (256, 5697), (261, 5721), (322, 5910), (343, 5952), (362, 6009), (495, 6258),

Gene: Arcanine_10 Start: 5601, Stop: 6569, Start Num: 71
Candidate Starts for Arcanine_10:
(Start: 71 @5601 has 225 MA's), (Start: 87 @5634 has 5 MA's), (92, 5652), (Start: 94 @5655 has 1 MA's), (203, 5922), (220, 5973), (223, 5985), (264, 6060), (284, 6123), (289, 6135), (299, 6156), (304, 6168), (309, 6186), (317, 6204), (321, 6228), (343, 6267), (384, 6348), (392, 6372), (393, 6375), (394, 6378), (402, 6387), (446, 6474), (490, 6561),

Gene: ArcherNM_13 Start: 8227, Stop: 9204, Start Num: 72
Candidate Starts for ArcherNM_13:
(Start: 72 @8227 has 61 MA's), (Start: 94 @8281 has 1 MA's), (107, 8320), (189, 8470), (196, 8506), (200, 8518), (220, 8575), (233, 8611), (264, 8659), (274, 8698), (304, 8767), (309, 8785), (330, 8848), (348, 8890), (369, 8938), (381, 8965), (386, 8980), (393, 9001), (410, 9037), (436, 9082), (440, 9091), (454, 9115),

Gene: ArcherS7_253 Start: 145538, Stop: 146566, Start Num: 57
Candidate Starts for ArcherS7_253:
(Start: 57 @145538 has 189 MA's), (Start: 67 @145568 has 3 MA's), (73, 145580), (91, 145622), (116, 145685), (124, 145706), (Start: 160 @145790 has 1 MA's), (Start: 184 @145832 has 1 MA's), (187, 145844), (189, 145859), (210, 145928), (220, 145955), (244, 146009), (261, 146054), (262, 146057), (288, 146135), (299, 146156), (343, 146267), (386, 146357), (392, 146375), (430, 146447), (448, 146480),

Gene: Archetta_8 Start: 5172, Stop: 5981, Start Num: 181
Candidate Starts for Archetta_8:
(Start: 181 @5172 has 57 MA's), (194, 5235), (197, 5244), (203, 5265), (213, 5301), (230, 5349), (256, 5406), (261, 5430), (343, 5661), (362, 5718), (495, 5967),

Gene: Ardmore_30 Start: 27516, Stop: 28514, Start Num: 55
Candidate Starts for Ardmore_30:
(Start: 55 @27516 has 35 MA's), (91, 27591), (116, 27651), (124, 27672), (Start: 160 @27756 has 1 MA's), (187, 27807), (189, 27822), (220, 27918), (269, 28029), (277, 28050), (294, 28089), (299, 28101), (317, 28149), (322, 28176), (333, 28200), (343, 28215), (392, 28323), (416, 28371), (455, 28440), (470, 28470),

Gene: Arlo_9 Start: 5626, Stop: 6594, Start Num: 71
Candidate Starts for Arlo_9:
(Start: 71 @5626 has 225 MA's), (Start: 87 @5659 has 5 MA's), (92, 5677), (Start: 94 @5680 has 1 MA's), (203, 5947), (220, 5998), (223, 6010), (264, 6085), (284, 6148), (289, 6160), (299, 6181), (304, 6193), (309, 6211), (317, 6229), (321, 6253), (343, 6292), (384, 6373), (392, 6397), (393, 6400), (394, 6403), (402, 6412), (446, 6499), (457, 6523), (470, 6544), (490, 6586),

Gene: Arturo_9 Start: 5992, Stop: 6972, Start Num: 84
Candidate Starts for Arturo_9:
(Start: 84 @5992 has 125 MA's), (Start: 86 @5995 has 14 MA's), (Start: 94 @6019 has 1 MA's), (Start: 101 @6040 has 1 MA's), (Start: 102 @6043 has 1 MA's), (200, 6292), (220, 6349), (251, 6412), (265, 6433), (269, 6454), (280, 6481), (296, 6511), (306, 6538), (363, 6688), (417, 6811), (421, 6823), (456, 6889),

Gene: Asayake_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Asayake_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Ashballer_8 Start: 5504, Stop: 6472, Start Num: 71
Candidate Starts for Ashballer_8:
(Start: 71 @5504 has 225 MA's), (Start: 87 @5537 has 5 MA's), (92, 5555), (Start: 94 @5558 has 1 MA's), (203, 5825), (220, 5876), (223, 5888), (264, 5963), (284, 6026), (289, 6038), (299, 6059), (304, 6071), (309, 6089), (317, 6107), (321, 6131), (343, 6170), (384, 6251), (392, 6275), (393, 6278), (394, 6281), (402, 6290), (446, 6377), (490, 6464),

Gene: Ashwin_69 Start: 43903, Stop: 44943, Start Num: 62
Candidate Starts for Ashwin_69:
(Start: 62 @43903 has 32 MA's), (91, 43978), (116, 44059), (119, 44065), (124, 44080), (158, 44161), (Start: 160 @44164 has 1 MA's), (187, 44218), (189, 44233), (220, 44329), (235, 44368), (248, 44398), (261, 44428), (262, 44431), (271, 44464), (299, 44530), (311, 44569), (317, 44578), (322, 44605), (343, 44644), (428, 44818), (455, 44869),

Gene: Asterius_253 Start: 144651, Stop: 145679, Start Num: 57
Candidate Starts for Asterius_253:
(Start: 57 @144651 has 189 MA's), (Start: 67 @144681 has 3 MA's), (73, 144693), (91, 144735), (116, 144798), (124, 144819), (Start: 160 @144903 has 1 MA's), (Start: 184 @144945 has 1 MA's), (187, 144957), (189, 144972), (210, 145041), (220, 145068), (244, 145122), (261, 145167), (262, 145170), (288, 145248), (299, 145269), (343, 145380), (386, 145470), (392, 145488), (430, 145560), (448, 145593),

Gene: Astraea_248 Start: 143846, Stop: 144874, Start Num: 57
Candidate Starts for Astraea_248:

(Start: 57 @143846 has 189 MA's), (Start: 67 @143876 has 3 MA's), (73, 143888), (91, 143930), (116, 143993), (124, 144014), (Start: 160 @144098 has 1 MA's), (Start: 184 @144140 has 1 MA's), (187, 144152), (189, 144167), (210, 144236), (220, 144263), (244, 144317), (261, 144362), (262, 144365), (288, 144443), (299, 144464), (343, 144575), (386, 144665), (392, 144683), (430, 144755), (448, 144788),

Gene: Astro_8 Start: 4873, Stop: 5682, Start Num: 181
Candidate Starts for Astro_8:
(Start: 181 @4873 has 57 MA's), (202, 4957), (213, 5002), (236, 5062), (260, 5128), (343, 5362), (355, 5401), (362, 5419), (378, 5452), (382, 5470), (416, 5515), (444, 5539), (495, 5668),

Gene: Athena_48 Start: 42284, Stop: 43348, Start Num: 52
Candidate Starts for Athena_48:
(Start: 52 @42284 has 53 MA's), (Start: 77 @42347 has 3 MA's), (110, 42428), (138, 42494), (144, 42509), (147, 42521), (161, 42548), (188, 42605), (190, 42614), (242, 42761), (251, 42776), (269, 42830), (282, 42863), (301, 42902), (305, 42914), (331, 42995), (343, 43013), (344, 43016), (416, 43172), (475, 43283), (486, 43304), (499, 43337),

Gene: Atiba_31 Start: 26423, Stop: 27295, Start Num: 176
Candidate Starts for Atiba_31:
(157, 26396), (Start: 176 @26423 has 165 MA's), (Start: 184 @26435 has 1 MA's), (200, 26504), (210, 26531), (217, 26561), (220, 26570), (233, 26606), (238, 26615), (257, 26648), (264, 26666), (271, 26696), (300, 26753), (301, 26756), (350, 26891), (364, 26918), (373, 26939), (381, 26963), (398, 27014), (419, 27116), (442, 27152), (455, 27176), (495, 27275), (498, 27284),

Gene: Atkinbua_10 Start: 5646, Stop: 6614, Start Num: 71
Candidate Starts for Atkinbua_10:
(Start: 71 @5646 has 225 MA's), (Start: 87 @5679 has 5 MA's), (92, 5697), (Start: 94 @5700 has 1 MA's), (203, 5967), (220, 6018), (223, 6030), (264, 6105), (299, 6201), (309, 6231), (317, 6249), (321, 6273), (343, 6312), (384, 6393), (392, 6417), (393, 6420), (394, 6423), (402, 6432), (446, 6519), (490, 6606),

Gene: Atlantean_252 Start: 143793, Stop: 144821, Start Num: 57
Candidate Starts for Atlantean_252:
(Start: 57 @143793 has 189 MA's), (Start: 67 @143823 has 3 MA's), (73, 143835), (91, 143877), (116, 143940), (124, 143961), (Start: 160 @144045 has 1 MA's), (Start: 184 @144087 has 1 MA's), (187, 144099), (189, 144114), (210, 144183), (220, 144210), (244, 144264), (261, 144309), (262, 144312), (288, 144390), (299, 144411), (343, 144522), (386, 144612), (392, 144630), (430, 144702), (448, 144735),

Gene: Aubs_32 Start: 27847, Stop: 28848, Start Num: 63
Candidate Starts for Aubs_32:
(Start: 63 @27847 has 221 MA's), (91, 27922), (Start: 102 @27955 has 1 MA's), (116, 27985), (124, 28006), (Start: 160 @28090 has 1 MA's), (187, 28141), (189, 28156), (220, 28252), (269, 28363), (277, 28384), (294, 28423), (299, 28435), (317, 28483), (322, 28510), (333, 28534), (343, 28549), (392, 28657), (416, 28705), (455, 28774), (470, 28804),

Gene: Audrey_47 Start: 41532, Stop: 42596, Start Num: 52
Candidate Starts for Audrey_47:
(Start: 52 @41532 has 53 MA's), (Start: 77 @41595 has 3 MA's), (110, 41676), (138, 41742), (144, 41757), (147, 41769), (161, 41796), (188, 41853), (190, 41862), (242, 42009), (251, 42024), (269, 42078), (282, 42111), (301, 42150), (305, 42162), (331, 42243), (343, 42261), (344, 42264), (416, 42420), (475, 42531), (486, 42552), (499, 42585),

Gene: Audrick_255 Start: 143683, Stop: 144711, Start Num: 57
Candidate Starts for Audrick_255:
(Start: 57 @143683 has 189 MA's), (Start: 67 @143713 has 3 MA's), (73, 143725), (91, 143767), (116, 143830), (124, 143851), (Start: 160 @143935 has 1 MA's), (Start: 184 @143977 has 1 MA's), (187, 143989), (189, 144004), (210, 144073), (220, 144100), (244, 144154), (261, 144199), (262, 144202), (288, 144280), (299, 144301), (343, 144412), (386, 144502), (392, 144520), (430, 144592), (448, 144625),

Gene: AugsMagnumOpus_14 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for AugsMagnumOpus_14:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: Auspice_38 Start: 31794, Stop: 32765, Start Num: 85
Candidate Starts for Auspice_38:
(Start: 85 @31794 has 15 MA's), (Start: 94 @31818 has 1 MA's), (98, 31833), (152, 31971), (Start: 171 @31998 has 1 MA's), (179, 32016), (185, 32028), (187, 32037), (196, 32082), (200, 32094), (210, 32121), (220, 32148), (223, 32160), (244, 32205), (262, 32232), (270, 32262), (273, 32271), (274, 32274), (313, 32361), (320, 32376), (384, 32529), (385, 32532), (410, 32592), (416, 32604), (419, 32613), (442, 32649), (450, 32664), (466, 32703), (482, 32736),

Gene: Ava3_249 Start: 144253, Stop: 145281, Start Num: 57
Candidate Starts for Ava3_249:
(Start: 57 @144253 has 189 MA's), (Start: 67 @144283 has 3 MA's), (73, 144295), (91, 144337), (116, 144400), (124, 144421), (Start: 160 @144505 has 1 MA's), (Start: 184 @144547 has 1 MA's), (187, 144559), (189, 144574), (210, 144643), (220, 144670), (244, 144724), (261, 144769), (262, 144772), (288, 144850), (299, 144871), (343, 144982), (386, 145072), (392, 145090), (430, 145162), (448, 145195),

Gene: AvadaKedavra_26 Start: 25557, Stop: 26588, Start Num: 64
Candidate Starts for AvadaKedavra_26:
(Start: 64 @25557 has 22 MA's), (120, 25710), (122, 25713), (129, 25737), (135, 25749), (143, 25767), (150, 25785), (158, 25803), (Start: 163 @25809 has 3 MA's), (169, 25818), (185, 25848), (200, 25920), (220, 25977), (235, 26016), (271, 26094), (274, 26103), (276, 26106), (282, 26121), (302, 26175), (309, 26196), (313, 26211), (356, 26295), (369, 26325), (393, 26394), (402, 26406), (413, 26430), (419, 26448), (424, 26451), (430, 26463), (432, 26466), (448, 26496), (455, 26508),

Gene: Avani_36 Start: 26807, Stop: 27880, Start Num: 63
Candidate Starts for Avani_36:
(Start: 63 @26807 has 221 MA's), (Start: 70 @26834 has 1 MA's), (89, 26864), (123, 26957), (124, 26966), (127, 26975), (151, 27032), (Start: 181 @27077 has 57 MA's), (188, 27110), (190, 27119), (203, 27170), (216, 27212), (222, 27236), (224, 27245), (229, 27257), (242, 27287), (254, 27317), (255, 27320), (269, 27377), (270, 27380), (276, 27395), (281, 27407), (284, 27416), (296, 27440), (305, 27464), (331, 27545), (369, 27620), (418, 27731), (442, 27773), (444, 27776), (446, 27782), (455, 27797), (488, 27863),

Gene: AvatarAhPeg_10 Start: 5845, Stop: 6825, Start Num: 84
Candidate Starts for AvatarAhPeg_10:
(Start: 84 @5845 has 125 MA's), (Start: 94 @5872 has 1 MA's), (Start: 96 @5875 has 1 MA's), (Start: 101 @5893 has 1 MA's), (Start: 102 @5896 has 1 MA's), (200, 6145), (220, 6202), (223, 6214), (251, 6265), (265, 6286), (280, 6334), (306, 6391), (363, 6541), (417, 6664), (421, 6676), (456, 6742), (491,

6817),

Gene: Avle17_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Avle17_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Awesomesauce_32 Start: 27402, Stop: 28403, Start Num: 63
Candidate Starts for Awesomesauce_32:
(28, 27141), (37, 27303), (Start: 63 @27402 has 221 MA's), (91, 27477), (116, 27540), (124, 27561), (Start: 160 @27645 has 1 MA's), (Start: 174 @27669 has 20 MA's), (Start: 184 @27684 has 1 MA's), (187, 27696), (220, 27807), (270, 27921), (277, 27939), (294, 27978), (304, 28002), (317, 28038), (322, 28065), (343, 28104), (392, 28212), (416, 28260), (424, 28272), (455, 28329), (470, 28359),

Gene: Aziz_43 Start: 32938, Stop: 33918, Start Num: 84
Candidate Starts for Aziz_43:
(Start: 84 @32938 has 125 MA's), (Start: 94 @32965 has 1 MA's), (130, 33061), (141, 33088), (152, 33118), (185, 33175), (187, 33184), (220, 33295), (273, 33418), (274, 33421), (313, 33511), (320, 33526), (384, 33679), (385, 33682), (388, 33691), (392, 33703), (395, 33712), (409, 33733), (416, 33754), (456, 33829),

Gene: B1_08 Start: 5376, Stop: 6116, Start Num: 166
Candidate Starts for B1_08:
(Start: 166 @5376 has 22 MA's), (200, 5463), (220, 5520), (223, 5532), (225, 5535), (235, 5559), (249, 5574), (269, 5622), (271, 5628), (282, 5655), (309, 5724), (334, 5796), (357, 5838), (369, 5865), (381, 5892), (392, 5925), (393, 5928), (413, 5967), (442, 6021), (492, 6108),

Gene: BAKA_53 Start: 42677, Stop: 43549, Start Num: 154
Candidate Starts for BAKA_53:
(Start: 154 @42677 has 32 MA's), (Start: 171 @42704 has 1 MA's), (189, 42764), (201, 42812), (220, 42878), (227, 42899), (241, 42920), (261, 42974), (290, 43055), (391, 43334), (392, 43337), (412, 43361), (438, 43397), (445, 43412), (453, 43424), (459, 43445),

Gene: BEEST_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for BEEST_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: BGlluviae_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for BGlluviae_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: BK1_08 Start: 5593, Stop: 6561, Start Num: 71
Candidate Starts for BK1_08:
(Start: 71 @5593 has 225 MA's), (Start: 87 @5626 has 5 MA's), (92, 5644), (Start: 94 @5647 has 1 MA's), (Start: 184 @5836 has 1 MA's), (203, 5914), (210, 5932), (220, 5965), (223, 5977), (264, 6052),

(284, 6115), (296, 6139), (309, 6178), (317, 6196), (343, 6259), (384, 6340), (392, 6364), (393, 6367), (394, 6370), (402, 6379), (446, 6466), (457, 6490), (470, 6511), (490, 6553),

Gene: BPBiebs31_11 Start: 6265, Stop: 7233, Start Num: 71
Candidate Starts for BPBiebs31_11:
(Start: 71 @6265 has 225 MA's), (Start: 87 @6298 has 5 MA's), (92, 6316), (Start: 94 @6319 has 1 MA's), (203, 6586), (220, 6637), (223, 6649), (264, 6724), (284, 6787), (289, 6799), (299, 6820), (309, 6850), (317, 6868), (321, 6892), (343, 6931), (384, 7012), (392, 7036), (393, 7039), (394, 7042), (402, 7051), (446, 7138), (470, 7183), (490, 7225),

Gene: Baby16_10 Start: 5890, Stop: 6870, Start Num: 84
Candidate Starts for Baby16_10:
(Start: 84 @5890 has 125 MA's), (Start: 86 @5893 has 14 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (220, 6247), (265, 6331), (269, 6352), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (411, 6697), (417, 6709), (421, 6721), (456, 6787),

Gene: BabyBack_13 Start: 8108, Stop: 9085, Start Num: 83
Candidate Starts for BabyBack_13:
(Start: 83 @8108 has 55 MA's), (Start: 94 @8138 has 1 MA's), (Start: 101 @8159 has 1 MA's), (Start: 102 @8162 has 1 MA's), (112, 8195), (196, 8399), (200, 8411), (220, 8468), (223, 8480), (279, 8597), (306, 8657), (363, 8804), (421, 8939), (456, 9005),

Gene: BabyJohn_9 Start: 5958, Stop: 6698, Start Num: 166
Candidate Starts for BabyJohn_9:
(75, 5772), (100, 5841), (Start: 166 @5958 has 22 MA's), (200, 6045), (220, 6102), (223, 6114), (225, 6117), (235, 6141), (249, 6156), (264, 6180), (269, 6204), (271, 6210), (282, 6237), (309, 6306), (334, 6378), (357, 6420), (369, 6447), (381, 6474), (392, 6507), (393, 6510), (413, 6549), (492, 6690),

Gene: BabyRay_10 Start: 5972, Stop: 6706, Start Num: 166
Candidate Starts for BabyRay_10:
(Start: 166 @5972 has 22 MA's), (200, 6059), (220, 6116), (223, 6128), (225, 6131), (235, 6155), (249, 6170), (269, 6218), (271, 6224), (282, 6251), (309, 6320), (334, 6392), (357, 6434), (369, 6461), (381, 6488), (392, 6521), (393, 6524), (413, 6563), (482, 6686),

Gene: Babyland_255 Start: 144570, Stop: 145598, Start Num: 57
Candidate Starts for Babyland_255:
(Start: 57 @144570 has 189 MA's), (Start: 67 @144600 has 3 MA's), (73, 144612), (91, 144654), (116, 144717), (124, 144738), (Start: 160 @144822 has 1 MA's), (Start: 184 @144864 has 1 MA's), (187, 144876), (189, 144891), (210, 144960), (220, 144987), (244, 145041), (261, 145086), (262, 145089), (288, 145167), (299, 145188), (343, 145299), (386, 145389), (392, 145407), (430, 145479), (448, 145512),

Gene: BackyardAgain_247 Start: 141943, Stop: 142971, Start Num: 57
Candidate Starts for BackyardAgain_247:
(Start: 57 @141943 has 189 MA's), (Start: 67 @141973 has 3 MA's), (73, 141985), (91, 142027), (116, 142090), (124, 142111), (Start: 160 @142195 has 1 MA's), (Start: 184 @142237 has 1 MA's), (187, 142249), (189, 142264), (210, 142333), (220, 142360), (244, 142414), (261, 142459), (262, 142462), (288, 142540), (299, 142561), (343, 142672), (386, 142762), (392, 142780), (430, 142852), (448, 142885),

Gene: Backyardigan_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for Backyardigan_10:

(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (218, 6241), (220, 6247), (223, 6259), (237, 6289), (265, 6331), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: BaconJack_12 Start: 6044, Stop: 7012, Start Num: 71
Candidate Starts for BaconJack_12:
(Start: 71 @6044 has 225 MA's), (Start: 87 @6077 has 5 MA's), (92, 6095), (Start: 94 @6098 has 1 MA's), (203, 6365), (210, 6383), (220, 6416), (223, 6428), (264, 6503), (284, 6566), (299, 6599), (304, 6611), (309, 6629), (317, 6647), (321, 6671), (343, 6710), (384, 6791), (392, 6815), (393, 6818), (394, 6821), (402, 6830), (446, 6917), (490, 7004),

Gene: Bactobuster_12 Start: 8187, Stop: 9173, Start Num: 82
Candidate Starts for Bactobuster_12:
(Start: 82 @8187 has 12 MA's), (Start: 94 @8217 has 1 MA's), (Start: 96 @8220 has 1 MA's), (Start: 102 @8241 has 1 MA's), (Start: 162 @8376 has 23 MA's), (218, 8541), (220, 8547), (261, 8622), (265, 8631), (306, 8742), (322, 8802), (338, 8838), (363, 8892), (374, 8916), (377, 8922), (391, 8967), (421, 9027), (429, 9036),

Gene: BadAgartude_246 Start: 143855, Stop: 144883, Start Num: 57
Candidate Starts for BadAgartude_246:
(Start: 57 @143855 has 189 MA's), (Start: 67 @143885 has 3 MA's), (73, 143897), (91, 143939), (116, 144002), (124, 144023), (Start: 160 @144107 has 1 MA's), (Start: 184 @144149 has 1 MA's), (187, 144161), (189, 144176), (210, 144245), (220, 144272), (244, 144326), (261, 144371), (262, 144374), (288, 144452), (299, 144473), (343, 144584), (386, 144674), (392, 144692), (430, 144764), (448, 144797),

Gene: Badger_10 Start: 5879, Stop: 6859, Start Num: 84
Candidate Starts for Badger_10:
(51, 5819), (61, 5837), (Start: 84 @5879 has 125 MA's), (Start: 86 @5882 has 14 MA's), (Start: 94 @5906 has 1 MA's), (Start: 101 @5927 has 1 MA's), (Start: 102 @5930 has 1 MA's), (200, 6179), (218, 6230), (220, 6236), (223, 6248), (237, 6278), (265, 6320), (280, 6368), (296, 6398), (306, 6425), (363, 6575), (417, 6698), (421, 6710), (429, 6719), (456, 6776), (491, 6851),

Gene: Baehexic_12 Start: 6944, Stop: 7921, Start Num: 72
Candidate Starts for Baehexic_12:
(Start: 72 @6944 has 61 MA's), (Start: 94 @6998 has 1 MA's), (119, 7055), (189, 7187), (200, 7235), (220, 7292), (233, 7328), (264, 7376), (274, 7415), (305, 7487), (309, 7502), (322, 7547), (330, 7565), (348, 7607), (369, 7655), (381, 7682), (386, 7697), (392, 7715), (393, 7718), (440, 7808),

Gene: BaghaKamala_31 Start: 26423, Stop: 27295, Start Num: 176
Candidate Starts for BaghaKamala_31:
(44, 26093), (125, 26321), (157, 26396), (Start: 176 @26423 has 165 MA's), (Start: 184 @26435 has 1 MA's), (200, 26504), (210, 26531), (217, 26561), (220, 26570), (233, 26606), (238, 26615), (257, 26648), (264, 26666), (271, 26696), (301, 26756), (350, 26891), (364, 26918), (373, 26939), (381, 26963), (398, 27014), (419, 27116), (442, 27152), (455, 27176), (495, 27275), (498, 27284),

Gene: Bagrid_48 Start: 42037, Stop: 42882, Start Num: 171
Candidate Starts for Bagrid_48:
(Start: 154 @42010 has 32 MA's), (Start: 171 @42037 has 1 MA's), (189, 42097), (201, 42145), (220, 42211), (227, 42232), (241, 42253), (261, 42307), (290, 42388), (391, 42667), (392, 42670), (412, 42694), (438, 42730), (445, 42745), (453, 42757), (459, 42778),

Gene: Baloo_47 Start: 41535, Stop: 42599, Start Num: 52
Candidate Starts for Baloo_47:
(Start: 52 @41535 has 53 MA's), (Start: 77 @41598 has 3 MA's), (110, 41679), (138, 41745), (144, 41760), (147, 41772), (161, 41799), (188, 41856), (190, 41865), (242, 42012), (251, 42027), (269, 42081), (282, 42114), (301, 42153), (305, 42165), (331, 42246), (343, 42264), (344, 42267), (416, 42423), (475, 42534), (486, 42555), (499, 42588),

Gene: BananaFence_250 Start: 144475, Stop: 145503, Start Num: 57
Candidate Starts for BananaFence_250:
(Start: 57 @144475 has 189 MA's), (Start: 67 @144505 has 3 MA's), (73, 144517), (91, 144559), (116, 144622), (124, 144643), (Start: 160 @144727 has 1 MA's), (Start: 184 @144769 has 1 MA's), (187, 144781), (189, 144796), (210, 144865), (220, 144892), (244, 144946), (261, 144991), (262, 144994), (288, 145072), (299, 145093), (343, 145204), (386, 145294), (392, 145312), (430, 145384), (448, 145417),

Gene: BananenDer11_30 Start: 27188, Stop: 27949, Start Num: 174
Candidate Starts for BananenDer11_30:
(148, 27140), (Start: 174 @27188 has 20 MA's), (Start: 184 @27200 has 1 MA's), (185, 27203), (186, 27206), (190, 27233), (200, 27269), (218, 27329), (220, 27335), (231, 27365), (233, 27371), (238, 27380), (257, 27413), (269, 27455), (270, 27458), (274, 27470), (295, 27506), (301, 27521), (311, 27557), (350, 27656), (364, 27683), (373, 27704), (419, 27767), (436, 27791), (448, 27815), (473, 27884), (495, 27929), (498, 27938),

Gene: BangNhom_9 Start: 5858, Stop: 6838, Start Num: 84
Candidate Starts for BangNhom_9:
(Start: 84 @5858 has 125 MA's), (Start: 94 @5885 has 1 MA's), (Start: 101 @5906 has 1 MA's), (Start: 102 @5909 has 1 MA's), (200, 6158), (220, 6215), (223, 6227), (251, 6278), (265, 6299), (280, 6347), (306, 6404), (363, 6554), (417, 6677), (421, 6689), (456, 6755),

Gene: Bangla1971_253 Start: 144502, Stop: 145530, Start Num: 57
Candidate Starts for Bangla1971_253:
(Start: 57 @144502 has 189 MA's), (Start: 67 @144532 has 3 MA's), (73, 144544), (91, 144586), (116, 144649), (124, 144670), (Start: 160 @144754 has 1 MA's), (Start: 184 @144796 has 1 MA's), (187, 144808), (189, 144823), (210, 144892), (220, 144919), (244, 144973), (261, 145018), (262, 145021), (288, 145099), (299, 145120), (343, 145231), (386, 145321), (392, 145339), (430, 145411), (448, 145444),

Gene: Baoshan_27 Start: 26124, Stop: 27095, Start Num: 80
Candidate Starts for Baoshan_27:
(Start: 80 @26124 has 47 MA's), (99, 26178), (144, 26298), (150, 26313), (156, 26328), (167, 26343), (Start: 184 @26376 has 1 MA's), (187, 26388), (190, 26409), (210, 26472), (220, 26499), (228, 26523), (270, 26604), (274, 26616), (289, 26643), (305, 26679), (309, 26694), (313, 26709), (321, 26754), (327, 26769), (364, 26850), (373, 26868), (375, 26871), (376, 26874), (384, 26901), (424, 26925), (448, 26970), (465, 27012), (485, 27054),

Gene: BarrelRoll_31 Start: 26446, Stop: 27318, Start Num: 176
Candidate Starts for BarrelRoll_31:
(157, 26419), (Start: 176 @26446 has 165 MA's), (Start: 184 @26458 has 1 MA's), (200, 26527), (210, 26554), (217, 26584), (220, 26593), (233, 26629), (238, 26638), (257, 26671), (264, 26689), (271, 26719), (300, 26776), (301, 26779), (350, 26914), (364, 26941), (373, 26962), (381, 26986), (398, 27037), (419, 27139), (442, 27175), (455, 27199), (495, 27298), (498, 27307),

Gene: Barriga_10 Start: 5869, Stop: 6837, Start Num: 71

Candidate Starts for Barriga_10:
(Start: 71 @5869 has 225 MA's), (Start: 87 @5902 has 5 MA's), (92, 5920), (Start: 94 @5923 has 1 MA's), (203, 6190), (220, 6241), (223, 6253), (264, 6328), (284, 6391), (289, 6403), (299, 6424), (309, 6454), (317, 6472), (321, 6496), (343, 6535), (384, 6616), (392, 6640), (393, 6643), (394, 6646), (402, 6655), (446, 6742), (470, 6787), (490, 6829),

Gene: BarrowTuph_9 Start: 5916, Stop: 6884, Start Num: 71
Candidate Starts for BarrowTuph_9:
(Start: 71 @5916 has 225 MA's), (Start: 87 @5949 has 5 MA's), (92, 5967), (Start: 94 @5970 has 1 MA's), (203, 6237), (220, 6288), (223, 6300), (264, 6375), (284, 6438), (299, 6471), (304, 6483), (309, 6501), (317, 6519), (343, 6582), (384, 6663), (392, 6687), (393, 6690), (394, 6693), (402, 6702), (446, 6789), (470, 6834), (490, 6876),

Gene: Bartimeaus_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Bartimeaus_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Basquiat_250 Start: 142761, Stop: 143789, Start Num: 57
Candidate Starts for Basquiat_250:
(Start: 57 @142761 has 189 MA's), (Start: 67 @142791 has 3 MA's), (73, 142803), (91, 142845), (116, 142908), (124, 142929), (Start: 160 @143013 has 1 MA's), (Start: 184 @143055 has 1 MA's), (187, 143067), (189, 143082), (210, 143151), (220, 143178), (244, 143232), (261, 143277), (262, 143280), (264, 143283), (288, 143358), (299, 143379), (343, 143490), (386, 143580), (392, 143598), (430, 143670), (448, 143703),

Gene: Batiatus_31 Start: 27509, Stop: 28507, Start Num: 55
Candidate Starts for Batiatus_31:
(Start: 55 @27509 has 35 MA's), (91, 27584), (116, 27644), (124, 27665), (Start: 160 @27749 has 1 MA's), (187, 27800), (189, 27815), (220, 27911), (264, 27998), (269, 28022), (277, 28043), (294, 28082), (299, 28094), (317, 28142), (322, 28169), (333, 28193), (343, 28208), (392, 28316), (416, 28364), (455, 28433), (470, 28463),

Gene: Beakin_32 Start: 27414, Stop: 28415, Start Num: 63
Candidate Starts for Beakin_32:
(37, 27315), (50, 27387), (Start: 63 @27414 has 221 MA's), (91, 27489), (Start: 102 @27522 has 1 MA's), (116, 27552), (124, 27573), (138, 27603), (Start: 160 @27657 has 1 MA's), (Start: 174 @27681 has 20 MA's), (Start: 184 @27696 has 1 MA's), (187, 27708), (189, 27723), (220, 27819), (270, 27933), (277, 27951), (294, 27990), (304, 28014), (317, 28050), (322, 28077), (343, 28116), (392, 28224), (416, 28272), (424, 28284), (448, 28329), (455, 28341), (470, 28371),

Gene: BeanWater_245 Start: 143638, Stop: 144666, Start Num: 57
Candidate Starts for BeanWater_245:
(Start: 57 @143638 has 189 MA's), (Start: 67 @143668 has 3 MA's), (73, 143680), (91, 143722), (116, 143785), (124, 143806), (Start: 160 @143890 has 1 MA's), (Start: 184 @143932 has 1 MA's), (187, 143944), (189, 143959), (210, 144028), (220, 144055), (244, 144109), (261, 144154), (262, 144157), (288, 144235), (299, 144256), (343, 144367), (386, 144457), (392, 144475), (430, 144547), (448, 144580),

Gene: Beanstalk_33 Start: 27711, Stop: 28712, Start Num: 63
Candidate Starts for Beanstalk_33:

(Start: 63 @27711 has 221 MA's), (Start: 67 @27732 has 3 MA's), (73, 27744), (91, 27786), (124, 27870), (138, 27900), (Start: 160 @27954 has 1 MA's), (Start: 174 @27978 has 20 MA's), (Start: 184 @27993 has 1 MA's), (187, 28005), (220, 28116), (269, 28227), (277, 28248), (294, 28287), (299, 28299), (317, 28347), (322, 28374), (333, 28398), (343, 28413), (392, 28521), (416, 28569), (455, 28638), (470, 28668),

Gene: Beatrix_9 Start: 5686, Stop: 6654, Start Num: 71
Candidate Starts for Beatrix_9:
(Start: 71 @5686 has 225 MA's), (Start: 87 @5719 has 5 MA's), (92, 5737), (Start: 94 @5740 has 1 MA's), (203, 6007), (220, 6058), (223, 6070), (264, 6145), (284, 6208), (299, 6241), (304, 6253), (309, 6271), (317, 6289), (343, 6352), (384, 6433), (392, 6457), (393, 6460), (394, 6463), (402, 6472), (446, 6559), (490, 6646),

Gene: Beauxregard13_12 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for Beauxregard13_12:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Beem_49 Start: 42576, Stop: 43448, Start Num: 154
Candidate Starts for Beem_49:
(Start: 154 @42576 has 32 MA's), (Start: 171 @42603 has 1 MA's), (189, 42663), (201, 42711), (220, 42777), (227, 42798), (241, 42819), (261, 42873), (290, 42954), (391, 43233), (392, 43236), (412, 43260), (438, 43296), (445, 43311), (453, 43323), (459, 43344),

Gene: BeesKnees_10 Start: 5730, Stop: 6698, Start Num: 71
Candidate Starts for BeesKnees_10:
(Start: 71 @5730 has 225 MA's), (Start: 87 @5763 has 5 MA's), (92, 5781), (Start: 94 @5784 has 1 MA's), (203, 6051), (220, 6102), (223, 6114), (264, 6189), (284, 6252), (289, 6264), (299, 6285), (304, 6297), (309, 6315), (317, 6333), (321, 6357), (343, 6396), (384, 6477), (392, 6501), (393, 6504), (394, 6507), (402, 6516), (446, 6603), (470, 6648), (490, 6690),

Gene: Beezoo_31 Start: 26471, Stop: 27343, Start Num: 176
Candidate Starts for Beezoo_31:
(157, 26444), (Start: 176 @26471 has 165 MA's), (Start: 184 @26483 has 1 MA's), (200, 26552), (210, 26579), (217, 26609), (220, 26618), (233, 26654), (238, 26663), (257, 26696), (264, 26714), (271, 26744), (301, 26804), (350, 26939), (364, 26966), (373, 26987), (381, 27011), (398, 27062), (419, 27164), (442, 27200), (455, 27224), (469, 27272), (495, 27323), (498, 27332),

Gene: Belieber_246 Start: 142888, Stop: 143916, Start Num: 57
Candidate Starts for Belieber_246:
(Start: 57 @142888 has 189 MA's), (Start: 67 @142918 has 3 MA's), (73, 142930), (91, 142972), (116, 143035), (124, 143056), (Start: 160 @143140 has 1 MA's), (Start: 184 @143182 has 1 MA's), (187, 143194), (189, 143209), (210, 143278), (220, 143305), (244, 143359), (261, 143404), (262, 143407), (288, 143485), (299, 143506), (343, 143617), (386, 143707), (392, 143725), (430, 143797), (448, 143830),

Gene: Bella96_31 Start: 26364, Stop: 27236, Start Num: 176
Candidate Starts for Bella96_31:
(157, 26337), (Start: 176 @26364 has 165 MA's), (Start: 184 @26376 has 1 MA's), (200, 26445), (210, 26472), (217, 26502), (220, 26511), (233, 26547), (238, 26556), (257, 26589), (301, 26697), (350, 26832), (364, 26859), (373, 26880), (381, 26904), (419, 27057), (442, 27093), (455, 27117), (495, 27216), (498, 27225),

Gene: Belladonna_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Belladonna_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Bellis_28 Start: 26853, Stop: 27896, Start Num: 80
Candidate Starts for Bellis_28:
(Start: 80 @26853 has 47 MA's), (Start: 83 @26859 has 55 MA's), (92, 26886), (99, 26907), (115, 26958), (149, 27039), (191, 27144), (218, 27225), (220, 27231), (267, 27327), (272, 27345), (274, 27351), (277, 27357), (309, 27429), (325, 27486), (328, 27489), (353, 27546), (385, 27621), (392, 27642), (410, 27666), (418, 27681), (426, 27693), (455, 27750), (495, 27852), (501, 27873),

Gene: BellusTerra_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for BellusTerra_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: Ben11_46 Start: 41355, Stop: 42419, Start Num: 52
Candidate Starts for Ben11_46:
(Start: 52 @41355 has 53 MA's), (Start: 77 @41418 has 3 MA's), (110, 41499), (138, 41565), (144, 41580), (147, 41592), (161, 41619), (188, 41676), (190, 41685), (242, 41832), (251, 41847), (269, 41901), (282, 41934), (301, 41973), (305, 41985), (331, 42066), (343, 42084), (344, 42087), (369, 42132), (416, 42243), (475, 42354), (486, 42375), (499, 42408),

Gene: Benedict_8 Start: 5182, Stop: 5991, Start Num: 181
Candidate Starts for Benedict_8:
(Start: 181 @5182 has 57 MA's), (191, 5227), (213, 5311), (219, 5326), (230, 5359), (322, 5629), (343, 5671), (355, 5710), (362, 5728), (376, 5758), (486, 5956),

Gene: BengiVuitton_12 Start: 6865, Stop: 7842, Start Num: 72
Candidate Starts for BengiVuitton_12:
(Start: 72 @6865 has 61 MA's), (Start: 94 @6919 has 1 MA's), (189, 7108), (196, 7144), (200, 7156), (220, 7213), (233, 7249), (264, 7297), (274, 7336), (309, 7423), (330, 7486), (348, 7528), (369, 7576), (381, 7603), (386, 7618), (392, 7636), (393, 7639), (413, 7678), (440, 7729), (486, 7828),

Gene: Benvolio_11 Start: 6541, Stop: 7518, Start Num: 72
Candidate Starts for Benvolio_11:
(Start: 72 @6541 has 61 MA's), (Start: 94 @6595 has 1 MA's), (189, 6784), (196, 6820), (200, 6832), (220, 6889), (233, 6925), (264, 6973), (274, 7012), (296, 7060), (302, 7078), (305, 7084), (309, 7099), (322, 7144), (330, 7162), (348, 7204), (369, 7252), (381, 7279), (386, 7294), (392, 7312), (393, 7315), (440, 7405), (486, 7504),

Gene: Bern_31 Start: 26403, Stop: 27275, Start Num: 176
Candidate Starts for Bern_31:
(157, 26376), (Start: 176 @26403 has 165 MA's), (Start: 184 @26415 has 1 MA's), (200, 26484), (210, 26511), (217, 26541), (220, 26550), (233, 26586), (238, 26595), (257, 26628), (264, 26646), (301, 26736), (350, 26871), (364, 26898), (373, 26919), (381, 26943), (398, 26994), (419, 27096), (442, 27132), (455, 27156), (495, 27255), (498, 27264),

Gene: Bernardo_48 Start: 42081, Stop: 43145, Start Num: 52
Candidate Starts for Bernardo_48:
(Start: 52 @42081 has 53 MA's), (Start: 77 @42144 has 3 MA's), (110, 42225), (138, 42291), (144, 42306), (147, 42318), (161, 42345), (188, 42402), (190, 42411), (242, 42558), (251, 42573), (269, 42627), (282, 42660), (301, 42699), (305, 42711), (331, 42792), (343, 42810), (344, 42813), (416, 42969), (475, 43080), (486, 43101), (499, 43134),

Gene: Bethlehem_10 Start: 6272, Stop: 7240, Start Num: 71
Candidate Starts for Bethlehem_10:
(Start: 71 @6272 has 225 MA's), (Start: 87 @6305 has 5 MA's), (92, 6323), (Start: 94 @6326 has 1 MA's), (203, 6593), (220, 6644), (223, 6656), (264, 6731), (299, 6827), (309, 6857), (343, 6938), (384, 7019), (392, 7043), (393, 7046), (394, 7049), (402, 7058), (446, 7145), (490, 7232),

Gene: Bexan_9 Start: 5686, Stop: 6654, Start Num: 71
Candidate Starts for Bexan_9:
(Start: 71 @5686 has 225 MA's), (Start: 87 @5719 has 5 MA's), (92, 5737), (Start: 94 @5740 has 1 MA's), (203, 6007), (220, 6058), (223, 6070), (264, 6145), (284, 6208), (299, 6241), (304, 6253), (309, 6271), (317, 6289), (343, 6352), (384, 6433), (392, 6457), (393, 6460), (394, 6463), (402, 6472), (446, 6559), (490, 6646),

Gene: Bezza_246 Start: 143331, Stop: 144359, Start Num: 57
Candidate Starts for Bezza_246:
(Start: 57 @143331 has 189 MA's), (Start: 67 @143361 has 3 MA's), (73, 143373), (91, 143415), (116, 143478), (124, 143499), (Start: 160 @143583 has 1 MA's), (Start: 184 @143625 has 1 MA's), (187, 143637), (189, 143652), (210, 143721), (220, 143748), (244, 143802), (261, 143847), (262, 143850), (288, 143928), (299, 143949), (343, 144060), (386, 144150), (392, 144168), (430, 144240), (448, 144273),

Gene: BiancaTri92_13 Start: 8213, Stop: 9196, Start Num: 72
Candidate Starts for BiancaTri92_13:
(Start: 72 @8213 has 61 MA's), (92, 8264), (Start: 94 @8267 has 1 MA's), (220, 8591), (225, 8606), (264, 8675), (269, 8699), (274, 8714), (304, 8783), (309, 8801), (369, 8945), (393, 9008), (413, 9047), (426, 9071), (436, 9089),

Gene: Big3_10 Start: 5629, Stop: 6597, Start Num: 71
Candidate Starts for Big3_10:
(Start: 71 @5629 has 225 MA's), (Start: 87 @5662 has 5 MA's), (92, 5680), (Start: 94 @5683 has 1 MA's), (203, 5950), (220, 6001), (223, 6013), (264, 6088), (284, 6151), (289, 6163), (299, 6184), (304, 6196), (309, 6214), (317, 6232), (321, 6256), (343, 6295), (384, 6376), (392, 6400), (393, 6403), (394, 6406), (402, 6415), (446, 6502), (470, 6547), (490, 6589),

Gene: BigCheese_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for BigCheese_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: BigCity_260 Start: 146393, Stop: 147421, Start Num: 57
Candidate Starts for BigCity_260:
(Start: 57 @146393 has 189 MA's), (Start: 67 @146423 has 3 MA's), (73, 146435), (91, 146477), (116, 146540), (124, 146561), (Start: 160 @146645 has 1 MA's), (Start: 184 @146687 has 1 MA's), (187,

146699), (189, 146714), (210, 146783), (220, 146810), (244, 146864), (261, 146909), (262, 146912), (288, 146990), (299, 147011), (343, 147122), (386, 147212), (392, 147230), (430, 147302), (448, 147335),

Gene: BigMau_11 Start: 5731, Stop: 6699, Start Num: 71
Candidate Starts for BigMau_11:
(Start: 71 @5731 has 225 MA's), (Start: 87 @5764 has 5 MA's), (92, 5782), (Start: 94 @5785 has 1 MA's), (203, 6052), (220, 6103), (223, 6115), (264, 6190), (284, 6253), (289, 6265), (299, 6286), (304, 6298), (309, 6316), (317, 6334), (321, 6358), (343, 6397), (384, 6478), (392, 6502), (393, 6505), (394, 6508), (402, 6517), (446, 6604), (490, 6691),

Gene: BigPaolini_11 Start: 6658, Stop: 7626, Start Num: 71
Candidate Starts for BigPaolini_11:
(Start: 71 @6658 has 225 MA's), (Start: 87 @6691 has 5 MA's), (92, 6709), (Start: 94 @6712 has 1 MA's), (203, 6979), (220, 7030), (223, 7042), (264, 7117), (284, 7180), (289, 7192), (299, 7213), (304, 7225), (309, 7243), (317, 7261), (321, 7285), (343, 7324), (384, 7405), (392, 7429), (393, 7432), (394, 7435), (402, 7444), (446, 7531), (490, 7618),

Gene: BigPhil_27 Start: 23733, Stop: 24731, Start Num: 55
Candidate Starts for BigPhil_27:
(Start: 55 @23733 has 35 MA's), (91, 23808), (116, 23868), (124, 23889), (Start: 160 @23973 has 1 MA's), (187, 24024), (189, 24039), (220, 24135), (264, 24222), (269, 24246), (277, 24267), (294, 24306), (299, 24318), (317, 24366), (322, 24393), (333, 24417), (343, 24432), (392, 24540), (416, 24588), (455, 24657), (470, 24687),

Gene: Bigchungi_10 Start: 5736, Stop: 6704, Start Num: 71
Candidate Starts for Bigchungi_10:
(Start: 71 @5736 has 225 MA's), (Start: 87 @5769 has 5 MA's), (92, 5787), (Start: 94 @5790 has 1 MA's), (203, 6057), (220, 6108), (223, 6120), (264, 6195), (284, 6258), (289, 6270), (299, 6291), (304, 6303), (309, 6321), (317, 6339), (321, 6363), (343, 6402), (384, 6483), (392, 6507), (393, 6510), (394, 6513), (402, 6522), (418, 6558), (446, 6609), (470, 6654), (490, 6696),

Gene: Bigflo_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Bigflo_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Bigfoot_9 Start: 5757, Stop: 6725, Start Num: 71
Candidate Starts for Bigfoot_9:
(Start: 71 @5757 has 225 MA's), (Start: 87 @5790 has 5 MA's), (92, 5808), (Start: 94 @5811 has 1 MA's), (203, 6078), (220, 6129), (223, 6141), (264, 6216), (284, 6279), (289, 6291), (299, 6312), (309, 6342), (317, 6360), (321, 6384), (343, 6423), (384, 6504), (392, 6528), (393, 6531), (394, 6534), (402, 6543), (446, 6630), (470, 6675), (490, 6717),

Gene: Biglebops_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Biglebops_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Bigswole_257 Start: 146304, Stop: 147332, Start Num: 57

Candidate Starts for Bigswole_257:
(Start: 57 @146304 has 189 MA's), (Start: 67 @146334 has 3 MA's), (73, 146346), (91, 146388), (116, 146451), (124, 146472), (Start: 160 @146556 has 1 MA's), (Start: 184 @146598 has 1 MA's), (187, 146610), (189, 146625), (210, 146694), (220, 146721), (244, 146775), (261, 146820), (262, 146823), (288, 146901), (299, 146922), (343, 147033), (386, 147123), (392, 147141), (430, 147213), (448, 147246),

Gene: BillKnuckles_11 Start: 6674, Stop: 7642, Start Num: 71
Candidate Starts for BillKnuckles_11:
(Start: 71 @6674 has 225 MA's), (Start: 87 @6707 has 5 MA's), (92, 6725), (Start: 94 @6728 has 1 MA's), (203, 6995), (220, 7046), (223, 7058), (264, 7133), (284, 7196), (289, 7208), (299, 7229), (304, 7241), (309, 7259), (317, 7277), (321, 7301), (343, 7340), (384, 7421), (392, 7445), (393, 7448), (394, 7451), (402, 7460), (436, 7526), (446, 7547), (490, 7634),

Gene: Bipolar_28 Start: 26593, Stop: 27594, Start Num: 63
Candidate Starts for Bipolar_28:
(Start: 63 @26593 has 221 MA's), (91, 26668), (Start: 102 @26701 has 1 MA's), (116, 26731), (124, 26752), (Start: 160 @26836 has 1 MA's), (Start: 174 @26860 has 20 MA's), (Start: 184 @26875 has 1 MA's), (187, 26887), (220, 26998), (269, 27109), (277, 27130), (294, 27169), (304, 27193), (317, 27229), (322, 27256), (333, 27280), (343, 27295), (392, 27403), (416, 27451), (455, 27520), (470, 27550),

Gene: Bipolarisk_250 Start: 144521, Stop: 145549, Start Num: 57
Candidate Starts for Bipolarisk_250:
(Start: 57 @144521 has 189 MA's), (Start: 67 @144551 has 3 MA's), (73, 144563), (91, 144605), (116, 144668), (124, 144689), (Start: 160 @144773 has 1 MA's), (Start: 184 @144815 has 1 MA's), (187, 144827), (189, 144842), (210, 144911), (220, 144938), (244, 144992), (261, 145037), (262, 145040), (288, 145118), (299, 145139), (343, 145250), (386, 145340), (392, 145358), (430, 145430), (448, 145463),

Gene: Bircsak_10 Start: 6218, Stop: 7186, Start Num: 71
Candidate Starts for Bircsak_10:
(Start: 71 @6218 has 225 MA's), (Start: 87 @6251 has 5 MA's), (92, 6269), (Start: 94 @6272 has 1 MA's), (203, 6539), (220, 6590), (223, 6602), (264, 6677), (284, 6740), (299, 6773), (304, 6785), (309, 6803), (317, 6821), (321, 6845), (343, 6884), (384, 6965), (392, 6989), (393, 6992), (394, 6995), (402, 7004), (446, 7091), (490, 7178),

Gene: BirdsNest_51 Start: 41335, Stop: 42336, Start Num: 84
Candidate Starts for BirdsNest_51:
(Start: 84 @41335 has 125 MA's), (Start: 94 @41362 has 1 MA's), (Start: 102 @41386 has 1 MA's), (218, 41692), (220, 41698), (233, 41734), (251, 41761), (306, 41893), (317, 41923), (322, 41953), (338, 41989), (363, 42043), (374, 42067), (377, 42073), (388, 42109), (487, 42310),

Gene: Blackbrain_251 Start: 144538, Stop: 145566, Start Num: 57
Candidate Starts for Blackbrain_251:
(Start: 57 @144538 has 189 MA's), (Start: 67 @144568 has 3 MA's), (73, 144580), (91, 144622), (116, 144685), (124, 144706), (Start: 160 @144790 has 1 MA's), (Start: 184 @144832 has 1 MA's), (187, 144844), (189, 144859), (210, 144928), (220, 144955), (244, 145009), (261, 145054), (262, 145057), (288, 145135), (299, 145156), (343, 145267), (386, 145357), (392, 145375), (430, 145447), (448, 145480),

Gene: Blackdragon_247 Start: 144086, Stop: 145114, Start Num: 57
Candidate Starts for Blackdragon_247:

(Start: 57 @144086 has 189 MA's), (Start: 67 @144116 has 3 MA's), (91, 144170), (116, 144233), (124, 144254), (Start: 160 @144338 has 1 MA's), (Start: 184 @144380 has 1 MA's), (187, 144392), (189, 144407), (210, 144476), (220, 144503), (244, 144557), (261, 144602), (262, 144605), (288, 144683), (299, 144704), (343, 144815), (386, 144905), (392, 144923), (430, 144995), (448, 145028),

Gene: Blackflame_10 Start: 5745, Stop: 6713, Start Num: 71
Candidate Starts for Blackflame_10:
(Start: 71 @5745 has 225 MA's), (Start: 87 @5778 has 5 MA's), (92, 5796), (Start: 94 @5799 has 1 MA's), (203, 6066), (220, 6117), (223, 6129), (264, 6204), (284, 6267), (289, 6279), (299, 6300), (304, 6312), (309, 6330), (317, 6348), (321, 6372), (343, 6411), (384, 6492), (392, 6516), (393, 6519), (394, 6522), (402, 6531), (418, 6567), (446, 6618), (490, 6705),

Gene: Blackmoor_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Blackmoor_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Blarby_39 Start: 27985, Stop: 28986, Start Num: 63
Candidate Starts for Blarby_39:
(Start: 63 @27985 has 221 MA's), (Start: 67 @28006 has 3 MA's), (73, 28018), (91, 28060), (116, 28123), (124, 28144), (138, 28174), (142, 28186), (Start: 160 @28228 has 1 MA's), (Start: 174 @28252 has 20 MA's), (Start: 184 @28267 has 1 MA's), (187, 28279), (220, 28390), (270, 28504), (277, 28522), (294, 28561), (304, 28585), (317, 28621), (322, 28648), (333, 28672), (343, 28687), (392, 28795), (416, 28843), (455, 28912), (470, 28942),

Gene: Blesser_10 Start: 6322, Stop: 7290, Start Num: 71
Candidate Starts for Blesser_10:
(Start: 71 @6322 has 225 MA's), (Start: 87 @6355 has 5 MA's), (92, 6373), (Start: 94 @6376 has 1 MA's), (203, 6643), (220, 6694), (223, 6706), (274, 6820), (294, 6865), (299, 6877), (304, 6889), (309, 6907), (343, 6988), (384, 7069), (392, 7093), (393, 7096), (394, 7099), (402, 7108), (446, 7195), (470, 7240), (490, 7282),

Gene: Blessica_68 Start: 43732, Stop: 44772, Start Num: 62
Candidate Starts for Blessica_68:
(Start: 62 @43732 has 32 MA's), (91, 43807), (116, 43888), (119, 43894), (124, 43909), (158, 43990), (Start: 160 @43993 has 1 MA's), (187, 44047), (189, 44062), (220, 44158), (235, 44197), (248, 44227), (261, 44257), (262, 44260), (271, 44293), (299, 44359), (317, 44407), (322, 44434), (343, 44473), (428, 44647), (455, 44698),

Gene: Blexus_31 Start: 27836, Stop: 28837, Start Num: 63
Candidate Starts for Blexus_31:
(50, 27809), (Start: 63 @27836 has 221 MA's), (91, 27911), (Start: 102 @27944 has 1 MA's), (116, 27974), (124, 27995), (138, 28025), (142, 28037), (Start: 160 @28079 has 1 MA's), (187, 28130), (189, 28145), (220, 28241), (269, 28352), (277, 28373), (294, 28412), (299, 28424), (317, 28472), (322, 28499), (333, 28523), (343, 28538), (392, 28646), (416, 28694), (455, 28763), (470, 28793),

Gene: Blizzard_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Blizzard_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381,

27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: BluSpix_10 Start: 6017, Stop: 6985, Start Num: 71
Candidate Starts for BluSpix_10:
(Start: 71 @6017 has 225 MA's), (Start: 87 @6050 has 5 MA's), (92, 6068), (Start: 94 @6071 has 1 MA's), (203, 6338), (220, 6389), (223, 6401), (264, 6476), (284, 6539), (289, 6551), (299, 6572), (304, 6584), (309, 6602), (317, 6620), (343, 6683), (384, 6764), (392, 6788), (393, 6791), (394, 6794), (402, 6803), (446, 6890), (470, 6935), (490, 6977),

Gene: Blubba_239 Start: 147265, Stop: 148299, Start Num: 57
Candidate Starts for Blubba_239:
(Start: 57 @147265 has 189 MA's), (Start: 67 @147295 has 3 MA's), (91, 147349), (116, 147412), (124, 147433), (Start: 160 @147517 has 1 MA's), (Start: 184 @147559 has 1 MA's), (187, 147571), (189, 147586), (210, 147655), (220, 147682), (244, 147736), (261, 147781), (262, 147784), (288, 147862), (299, 147883), (343, 147994), (386, 148084), (392, 148102), (430, 148174), (448, 148207), (493, 148294),

Gene: Blue_10 Start: 6124, Stop: 7092, Start Num: 71
Candidate Starts for Blue_10:
(Start: 71 @6124 has 225 MA's), (Start: 87 @6157 has 5 MA's), (92, 6175), (Start: 94 @6178 has 1 MA's), (203, 6445), (220, 6496), (223, 6508), (264, 6583), (299, 6679), (304, 6691), (309, 6709), (317, 6727), (321, 6751), (343, 6790), (384, 6871), (392, 6895), (393, 6898), (394, 6901), (402, 6910), (446, 6997), (490, 7084),

Gene: BlueBird_11 Start: 5739, Stop: 6479, Start Num: 166
Candidate Starts for BlueBird_11:
(100, 5622), (Start: 166 @5739 has 22 MA's), (200, 5826), (220, 5883), (223, 5895), (225, 5898), (235, 5922), (249, 5937), (261, 5955), (269, 5985), (271, 5991), (274, 6000), (282, 6018), (304, 6069), (309, 6087), (334, 6159), (357, 6201), (369, 6228), (381, 6255), (392, 6288), (393, 6291), (413, 6330), (492, 6471),

Gene: BlueCrab_31 Start: 27687, Stop: 28688, Start Num: 63
Candidate Starts for BlueCrab_31:
(37, 27588), (Start: 63 @27687 has 221 MA's), (Start: 67 @27708 has 3 MA's), (73, 27720), (91, 27762), (116, 27825), (124, 27846), (Start: 160 @27930 has 1 MA's), (Start: 174 @27954 has 20 MA's), (Start: 184 @27969 has 1 MA's), (187, 27981), (220, 28092), (270, 28206), (277, 28224), (294, 28263), (304, 28287), (317, 28323), (322, 28350), (343, 28389), (369, 28437), (392, 28497), (416, 28545), (424, 28557), (448, 28602), (455, 28614),

Gene: Bluefalcon_7 Start: 5433, Stop: 6242, Start Num: 181
Candidate Starts for Bluefalcon_7:
(Start: 181 @5433 has 57 MA's), (194, 5496), (197, 5505), (203, 5526), (213, 5562), (230, 5610), (256, 5667), (261, 5691), (322, 5880), (343, 5922), (362, 5979), (495, 6228),

Gene: Bob3_9 Start: 5573, Stop: 6541, Start Num: 71
Candidate Starts for Bob3_9:
(Start: 71 @5573 has 225 MA's), (Start: 87 @5606 has 5 MA's), (92, 5624), (Start: 94 @5627 has 1 MA's), (203, 5894), (220, 5945), (223, 5957), (264, 6032), (284, 6095), (289, 6107), (299, 6128), (304, 6140), (309, 6158), (317, 6176), (321, 6200), (343, 6239), (384, 6320), (392, 6344), (393, 6347), (394, 6350), (402, 6359), (446, 6446), (490, 6533),

Gene: BobSwaget_14 Start: 8111, Stop: 9097, Start Num: 83
Candidate Starts for BobSwaget_14:

(Start: 83 @8111 has 55 MA's), (Start: 94 @8141 has 1 MA's), (Start: 101 @8162 has 1 MA's), (Start: 102 @8165 has 1 MA's), (112, 8198), (200, 8414), (218, 8465), (220, 8471), (223, 8483), (232, 8504), (280, 8594), (306, 8660), (363, 8810), (372, 8831), (421, 8945), (456, 9017),

Gene: BobaPhatt_246 Start: 143656, Stop: 144684, Start Num: 57
Candidate Starts for BobaPhatt_246:
(Start: 57 @143656 has 189 MA's), (Start: 67 @143686 has 3 MA's), (73, 143698), (91, 143740), (116, 143803), (124, 143824), (Start: 160 @143908 has 1 MA's), (Start: 184 @143950 has 1 MA's), (187, 143962), (189, 143977), (210, 144046), (220, 144073), (244, 144127), (261, 144172), (262, 144175), (288, 144253), (299, 144274), (343, 144385), (386, 144475), (392, 144493), (430, 144565), (448, 144598),

Gene: BobaPhett_31 Start: 27708, Stop: 28709, Start Num: 63
Candidate Starts for BobaPhett_31:
(Start: 63 @27708 has 221 MA's), (91, 27783), (116, 27846), (124, 27867), (Start: 160 @27951 has 1 MA's), (Start: 174 @27975 has 20 MA's), (Start: 184 @27990 has 1 MA's), (187, 28002), (220, 28113), (270, 28227), (277, 28245), (294, 28284), (304, 28308), (317, 28344), (343, 28410), (392, 28518), (416, 28566), (424, 28578), (448, 28623), (455, 28635), (470, 28665),

Gene: Bobby_48 Start: 41009, Stop: 42013, Start Num: 77
Candidate Starts for Bobby_48:
(Start: 77 @41009 has 3 MA's), (99, 41063), (115, 41114), (144, 41183), (146, 41186), (167, 41228), (217, 41366), (220, 41375), (238, 41420), (270, 41489), (283, 41513), (284, 41516), (304, 41561), (309, 41579), (364, 41741), (370, 41756), (375, 41765), (490, 41966),

Gene: Bobi_33 Start: 28223, Stop: 29221, Start Num: 55
Candidate Starts for Bobi_33:
(Start: 55 @28223 has 35 MA's), (91, 28298), (116, 28358), (124, 28379), (Start: 160 @28463 has 1 MA's), (187, 28514), (189, 28529), (220, 28625), (269, 28736), (277, 28757), (294, 28796), (299, 28808), (317, 28856), (322, 28883), (333, 28907), (343, 28922), (392, 29030), (416, 29078), (455, 29147), (470, 29177),

Gene: Bobquesha_33 Start: 27381, Stop: 28172, Start Num: 162
Candidate Starts for Bobquesha_33:
(118, 27276), (125, 27294), (137, 27321), (145, 27342), (Start: 162 @27381 has 23 MA's), (Start: 184 @27414 has 1 MA's), (190, 27447), (208, 27501), (217, 27540), (220, 27549), (233, 27585), (238, 27594), (317, 27777), (350, 27873), (364, 27900), (373, 27921), (379, 27936), (381, 27945), (418, 27969), (448, 28023), (455, 28035), (479, 28107), (490, 28128),

Gene: BobsGarage_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for BobsGarage_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: BodEinwohner17_31 Start: 27906, Stop: 28907, Start Num: 63
Candidate Starts for BodEinwohner17_31:
(Start: 63 @27906 has 221 MA's), (91, 27981), (Start: 102 @28014 has 1 MA's), (116, 28044), (124, 28065), (138, 28095), (142, 28107), (Start: 160 @28149 has 1 MA's), (Start: 174 @28173 has 20 MA's), (Start: 184 @28188 has 1 MA's), (187, 28200), (220, 28311), (270, 28425), (277, 28443), (294, 28482), (299, 28494), (317, 28542), (322, 28569), (333, 28593), (343, 28608), (392, 28716), (416,

28764), (455, 28833), (470, 28863),

Gene: Boiiii_31 Start: 26496, Stop: 27368, Start Num: 176
Candidate Starts for Boiiii_31:
(44, 26166), (125, 26394), (157, 26469), (Start: 176 @26496 has 165 MA's), (Start: 184 @26508 has 1 MA's), (200, 26577), (210, 26604), (217, 26634), (220, 26643), (233, 26679), (238, 26688), (257, 26721), (264, 26739), (271, 26769), (301, 26829), (350, 26964), (364, 26991), (373, 27012), (381, 27036), (398, 27087), (419, 27189), (442, 27225), (455, 27249), (495, 27348), (498, 27357),

Gene: Boilgate_28 Start: 28389, Stop: 29168, Start Num: 162
Candidate Starts for Boilgate_28:
(137, 28332), (Start: 162 @28389 has 23 MA's), (Start: 184 @28422 has 1 MA's), (190, 28455), (208, 28509), (210, 28518), (220, 28545), (233, 28581), (238, 28590), (273, 28662), (350, 28869), (364, 28896), (373, 28917), (382, 28944), (415, 28962), (448, 29019), (455, 29031), (461, 29055),

Gene: Bombitas_46 Start: 42161, Stop: 43027, Start Num: 154
Candidate Starts for Bombitas_46:
(Start: 154 @42161 has 32 MA's), (Start: 171 @42188 has 1 MA's), (Start: 181 @42209 has 57 MA's), (201, 42296), (207, 42317), (220, 42362), (227, 42383), (241, 42404), (261, 42458), (277, 42509), (298, 42560), (351, 42710), (366, 42752), (385, 42803), (392, 42821), (441, 42887), (447, 42899), (453, 42908), (462, 42938), (489, 43001),

Gene: Bombshell_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Bombshell_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Bonamassa_8 Start: 5355, Stop: 6164, Start Num: 181
Candidate Starts for Bonamassa_8:
(Start: 181 @5355 has 57 MA's), (194, 5418), (197, 5427), (213, 5484), (230, 5532), (261, 5613), (322, 5802), (343, 5844), (362, 5901), (380, 5943), (495, 6150),

Gene: Bones_10 Start: 5768, Stop: 6736, Start Num: 71
Candidate Starts for Bones_10:
(Start: 71 @5768 has 225 MA's), (Start: 87 @5801 has 5 MA's), (92, 5819), (Start: 94 @5822 has 1 MA's), (203, 6089), (220, 6140), (223, 6152), (264, 6227), (284, 6290), (289, 6302), (299, 6323), (304, 6335), (309, 6353), (317, 6371), (321, 6395), (343, 6434), (384, 6515), (392, 6539), (393, 6542), (394, 6545), (402, 6554), (446, 6641), (490, 6728),

Gene: Bongo_38 Start: 31794, Stop: 32765, Start Num: 85
Candidate Starts for Bongo_38:
(Start: 85 @31794 has 15 MA's), (Start: 94 @31818 has 1 MA's), (98, 31833), (152, 31971), (Start: 171 @31998 has 1 MA's), (179, 32016), (185, 32028), (187, 32037), (196, 32082), (200, 32094), (210, 32121), (220, 32148), (223, 32160), (244, 32205), (262, 32232), (270, 32262), (273, 32271), (274, 32274), (313, 32361), (320, 32376), (384, 32529), (385, 32532), (410, 32592), (416, 32604), (419, 32613), (442, 32649), (450, 32664), (466, 32703), (482, 32736),

Gene: Bonray_255 Start: 146338, Stop: 147366, Start Num: 57
Candidate Starts for Bonray_255:
(Start: 57 @146338 has 189 MA's), (Start: 67 @146368 has 3 MA's), (73, 146380), (91, 146422), (116, 146485), (124, 146506), (Start: 160 @146590 has 1 MA's), (Start: 184 @146632 has 1 MA's), (187,

146644), (189, 146659), (210, 146728), (220, 146755), (244, 146809), (261, 146854), (262, 146857), (288, 146935), (299, 146956), (343, 147067), (386, 147157), (392, 147175), (430, 147247), (448, 147280),

Gene: Boomer_33 Start: 27576, Stop: 28577, Start Num: 63
Candidate Starts for Boomer_33:
(Start: 63 @27576 has 221 MA's), (91, 27651), (Start: 102 @27684 has 1 MA's), (116, 27714), (124, 27735), (138, 27765), (142, 27777), (Start: 160 @27819 has 1 MA's), (Start: 174 @27843 has 20 MA's), (Start: 184 @27858 has 1 MA's), (187, 27870), (220, 27981), (270, 28095), (277, 28113), (294, 28152), (304, 28176), (317, 28212), (322, 28239), (343, 28278), (392, 28386), (416, 28434), (424, 28446), (448, 28491), (455, 28503), (470, 28533),

Gene: Bora_65 Start: 43113, Stop: 44153, Start Num: 62
Candidate Starts for Bora_65:
(Start: 62 @43113 has 32 MA's), (91, 43188), (116, 43269), (124, 43290), (158, 43371), (Start: 160 @43374 has 1 MA's), (187, 43428), (189, 43443), (220, 43539), (235, 43578), (248, 43608), (261, 43638), (262, 43641), (271, 43674), (299, 43740), (317, 43788), (322, 43815), (343, 43854), (428, 44028), (455, 44079),

Gene: BourbonZero_27 Start: 26811, Stop: 27854, Start Num: 80
Candidate Starts for BourbonZero_27:
(Start: 80 @26811 has 47 MA's), (Start: 83 @26817 has 55 MA's), (92, 26844), (99, 26865), (115, 26916), (149, 26997), (191, 27102), (218, 27183), (220, 27189), (237, 27231), (267, 27285), (272, 27303), (274, 27309), (277, 27315), (309, 27387), (325, 27444), (353, 27504), (385, 27579), (410, 27624), (418, 27639), (419, 27645), (455, 27708), (495, 27810), (501, 27831), (502, 27837),

Gene: Bowman_254 Start: 145453, Stop: 146481, Start Num: 57
Candidate Starts for Bowman_254:
(Start: 57 @145453 has 189 MA's), (Start: 67 @145483 has 3 MA's), (73, 145495), (91, 145537), (116, 145600), (124, 145621), (Start: 160 @145705 has 1 MA's), (Start: 184 @145747 has 1 MA's), (187, 145759), (189, 145774), (210, 145843), (220, 145870), (244, 145924), (261, 145969), (262, 145972), (288, 146050), (299, 146071), (343, 146182), (386, 146272), (392, 146290), (430, 146362), (448, 146395),

Gene: Bradman_10 Start: 5599, Stop: 6363, Start Num: 176
Candidate Starts for Bradman_10:
(Start: 176 @5599 has 165 MA's), (220, 5743), (270, 5857), (271, 5860), (274, 5869), (304, 5938), (309, 5956), (330, 6019), (369, 6097), (381, 6124), (386, 6139), (392, 6157), (393, 6160), (440, 6250), (471, 6319),

Gene: BreSam8_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for BreSam8_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: Bread_249 Start: 144305, Stop: 145333, Start Num: 57
Candidate Starts for Bread_249:
(Start: 57 @144305 has 189 MA's), (Start: 67 @144335 has 3 MA's), (73, 144347), (91, 144389), (116, 144452), (124, 144473), (Start: 160 @144557 has 1 MA's), (Start: 184 @144599 has 1 MA's), (187, 144611), (189, 144626), (210, 144695), (220, 144722), (244, 144776), (261, 144821), (262, 144824), (288, 144902), (299, 144923), (343, 145034), (386, 145124), (392, 145142), (430, 145214), (448, 145247),

Gene: Breeniome_252 Start: 143293, Stop: 144321, Start Num: 57
Candidate Starts for Breeniome_252:
(Start: 57 @143293 has 189 MA's), (Start: 67 @143323 has 3 MA's), (73, 143335), (91, 143377), (116, 143440), (124, 143461), (Start: 160 @143545 has 1 MA's), (Start: 184 @143587 has 1 MA's), (187, 143599), (189, 143614), (210, 143683), (220, 143710), (244, 143764), (261, 143809), (262, 143812), (288, 143890), (299, 143911), (343, 144022), (386, 144112), (392, 144130), (430, 144202), (448, 144235),

Gene: Breezona_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Breezona_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Briakila_48 Start: 42303, Stop: 43367, Start Num: 52
Candidate Starts for Briakila_48:
(Start: 52 @42303 has 53 MA's), (Start: 77 @42366 has 3 MA's), (110, 42447), (138, 42513), (144, 42528), (147, 42540), (161, 42567), (188, 42624), (190, 42633), (242, 42780), (251, 42795), (269, 42849), (282, 42882), (301, 42921), (305, 42933), (331, 43014), (343, 43032), (344, 43035), (416, 43191), (475, 43302), (486, 43323), (499, 43356),

Gene: Bricole_38 Start: 31780, Stop: 32751, Start Num: 85
Candidate Starts for Bricole_38:
(Start: 85 @31780 has 15 MA's), (Start: 94 @31804 has 1 MA's), (98, 31819), (152, 31957), (Start: 171 @31984 has 1 MA's), (179, 32002), (185, 32014), (187, 32023), (196, 32068), (200, 32080), (210, 32107), (220, 32134), (223, 32146), (244, 32191), (262, 32218), (270, 32248), (273, 32257), (274, 32260), (313, 32347), (320, 32362), (384, 32515), (385, 32518), (410, 32578), (416, 32590), (419, 32599), (442, 32635), (450, 32650), (466, 32689), (482, 32722),

Gene: Briton15_11 Start: 5784, Stop: 6752, Start Num: 71
Candidate Starts for Briton15_11:
(Start: 71 @5784 has 225 MA's), (Start: 87 @5817 has 5 MA's), (92, 5835), (Start: 94 @5838 has 1 MA's), (203, 6105), (220, 6156), (223, 6168), (264, 6243), (299, 6339), (309, 6369), (343, 6450), (384, 6531), (392, 6555), (393, 6558), (394, 6561), (402, 6570), (446, 6657), (490, 6744),

Gene: Brocalys_26 Start: 23309, Stop: 24310, Start Num: 63
Candidate Starts for Brocalys_26:
(Start: 63 @23309 has 221 MA's), (91, 23384), (116, 23447), (124, 23468), (Start: 160 @23552 has 1 MA's), (Start: 174 @23576 has 20 MA's), (Start: 184 @23591 has 1 MA's), (187, 23603), (220, 23714), (277, 23846), (294, 23885), (299, 23897), (322, 23972), (343, 24011), (455, 24236), (470, 24266),

Gene: Bromden_28 Start: 25913, Stop: 26935, Start Num: 64
Candidate Starts for Bromden_28:
(Start: 64 @25913 has 22 MA's), (114, 26057), (117, 26063), (122, 26069), (Start: 166 @26171 has 22 MA's), (169, 26174), (Start: 176 @26189 has 165 MA's), (187, 26213), (190, 26234), (200, 26276), (220, 26333), (270, 26447), (274, 26459), (309, 26552), (341, 26633), (369, 26681), (393, 26744), (402, 26756), (436, 26822), (440, 26831), (455, 26858),

Gene: BronnyJames_41 Start: 36442, Stop: 37287, Start Num: 171
Candidate Starts for BronnyJames_41:

(Start: 154 @36415 has 32 MA's), (Start: 171 @36442 has 1 MA's), (189, 36502), (201, 36550), (220, 36616), (227, 36637), (241, 36658), (261, 36712), (290, 36793), (391, 37072), (392, 37075), (412, 37099), (438, 37135), (445, 37150), (453, 37162), (459, 37183), (489, 37255),

Gene: Brookers_29 Start: 26458, Stop: 27456, Start Num: 55
Candidate Starts for Brookers_29:
(Start: 55 @26458 has 35 MA's), (91, 26533), (116, 26593), (124, 26614), (Start: 160 @26698 has 1 MA's), (187, 26749), (189, 26764), (220, 26860), (264, 26947), (269, 26971), (277, 26992), (294, 27031), (299, 27043), (317, 27091), (322, 27118), (333, 27142), (343, 27157), (392, 27265), (416, 27313), (455, 27382), (470, 27412),

Gene: Broseidon_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Broseidon_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Bruiser_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Bruiser_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Bruns_8 Start: 5434, Stop: 6402, Start Num: 71
Candidate Starts for Bruns_8:
(Start: 71 @5434 has 225 MA's), (Start: 87 @5467 has 5 MA's), (92, 5485), (Start: 94 @5488 has 1 MA's), (203, 5755), (220, 5806), (223, 5818), (264, 5893), (284, 5956), (296, 5980), (309, 6019), (317, 6037), (343, 6100), (384, 6181), (392, 6205), (393, 6208), (394, 6211), (402, 6220), (446, 6307), (470, 6352), (490, 6394),

Gene: Brushbloom_32 Start: 27533, Stop: 28531, Start Num: 55
Candidate Starts for Brushbloom_32:
(Start: 55 @27533 has 35 MA's), (91, 27608), (116, 27668), (124, 27689), (Start: 160 @27773 has 1 MA's), (187, 27824), (189, 27839), (220, 27935), (269, 28046), (277, 28067), (294, 28106), (317, 28166), (322, 28193), (333, 28217), (343, 28232), (392, 28340), (416, 28388), (455, 28457), (470, 28487),

Gene: Bryler_31 Start: 25864, Stop: 26607, Start Num: 176
Candidate Starts for Bryler_31:
(157, 25837), (Start: 176 @25864 has 165 MA's), (185, 25882), (189, 25906), (190, 25912), (200, 25948), (217, 25996), (220, 26005), (233, 26041), (257, 26083), (301, 26191), (350, 26326), (360, 26341), (364, 26353), (373, 26374), (387, 26389), (388, 26392), (402, 26398), (448, 26476), (478, 26557), (490, 26578), (495, 26587),

Gene: BubbleTrouble_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for BubbleTrouble_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Bubbles123_33 Start: 28498, Stop: 29499, Start Num: 63

Candidate Starts for Bubbles123_33:
(Start: 63 @28498 has 221 MA's), (91, 28573), (Start: 102 @28606 has 1 MA's), (116, 28636), (124, 28657), (Start: 160 @28741 has 1 MA's), (187, 28792), (189, 28807), (220, 28903), (269, 29014), (277, 29035), (294, 29074), (299, 29086), (317, 29134), (322, 29161), (333, 29185), (343, 29200), (392, 29308), (416, 29356), (455, 29425), (470, 29455),

Gene: Buckaroo_9 Start: 5885, Stop: 6865, Start Num: 84
Candidate Starts for Buckaroo_9:
(Start: 84 @5885 has 125 MA's), (Start: 86 @5888 has 14 MA's), (Start: 94 @5912 has 1 MA's), (Start: 101 @5933 has 1 MA's), (Start: 102 @5936 has 1 MA's), (200, 6185), (220, 6242), (265, 6326), (269, 6347), (280, 6374), (296, 6404), (306, 6431), (363, 6581), (411, 6692), (417, 6704), (421, 6716), (456, 6782),

Gene: Bugatti_11 Start: 5739, Stop: 6479, Start Num: 166
Candidate Starts for Bugatti_11:
(100, 5622), (Start: 166 @5739 has 22 MA's), (200, 5826), (220, 5883), (223, 5895), (225, 5898), (235, 5922), (249, 5937), (261, 5955), (269, 5985), (271, 5991), (274, 6000), (282, 6018), (304, 6069), (309, 6087), (334, 6159), (357, 6201), (369, 6228), (381, 6255), (392, 6288), (393, 6291), (413, 6330), (492, 6471),

Gene: Bugsy_13 Start: 6872, Stop: 7864, Start Num: 83
Candidate Starts for Bugsy_13:
(Start: 83 @6872 has 55 MA's), (Start: 101 @6923 has 1 MA's), (Start: 102 @6926 has 1 MA's), (179, 7094), (Start: 184 @7100 has 1 MA's), (189, 7127), (205, 7187), (220, 7232), (264, 7319), (278, 7364), (294, 7403), (310, 7451), (318, 7466), (338, 7532), (358, 7574), (393, 7661), (417, 7709), (448, 7775),

Gene: Bumblebee11_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for Bumblebee11_10:
(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (218, 6241), (220, 6247), (223, 6259), (237, 6289), (265, 6331), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: Burger_9 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Burger_9:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Burrough_253 Start: 145666, Stop: 146694, Start Num: 57
Candidate Starts for Burrough_253:
(Start: 57 @145666 has 189 MA's), (Start: 67 @145696 has 3 MA's), (73, 145708), (91, 145750), (116, 145813), (124, 145834), (Start: 160 @145918 has 1 MA's), (Start: 184 @145960 has 1 MA's), (187, 145972), (189, 145987), (210, 146056), (220, 146083), (244, 146137), (261, 146182), (262, 146185), (288, 146263), (299, 146284), (343, 146395), (386, 146485), (392, 146503), (430, 146575), (448, 146608),

Gene: Burton_10 Start: 5634, Stop: 6602, Start Num: 71
Candidate Starts for Burton_10:
(Start: 71 @5634 has 225 MA's), (Start: 87 @5667 has 5 MA's), (92, 5685), (Start: 94 @5688 has 1 MA's), (203, 5955), (220, 6006), (223, 6018), (264, 6093), (284, 6156), (289, 6168), (299, 6189), (304, 6201), (309, 6219), (317, 6237), (321, 6261), (343, 6300), (384, 6381), (392, 6405), (393, 6408), (394,

6411), (402, 6420), (446, 6507), (490, 6594),

Gene: Burwell21_31 Start: 27697, Stop: 28698, Start Num: 63
Candidate Starts for Burwell21_31:
(Start: 63 @27697 has 221 MA's), (Start: 67 @27718 has 3 MA's), (73, 27730), (91, 27772), (116, 27835), (124, 27856), (138, 27886), (Start: 160 @27940 has 1 MA's), (Start: 174 @27964 has 20 MA's), (Start: 184 @27979 has 1 MA's), (187, 27991), (220, 28102), (270, 28216), (277, 28234), (294, 28273), (304, 28297), (317, 28333), (322, 28360), (343, 28399), (369, 28447), (392, 28507), (424, 28567), (455, 28624), (470, 28654),

Gene: Buttons_11 Start: 6206, Stop: 7174, Start Num: 71
Candidate Starts for Buttons_11:
(Start: 71 @6206 has 225 MA's), (Start: 87 @6239 has 5 MA's), (92, 6257), (Start: 94 @6260 has 1 MA's), (203, 6527), (220, 6578), (223, 6590), (264, 6665), (284, 6728), (289, 6740), (299, 6761), (304, 6773), (309, 6791), (317, 6809), (343, 6872), (384, 6953), (392, 6977), (393, 6980), (394, 6983), (402, 6992), (446, 7079), (470, 7124), (490, 7166),

Gene: BuzzBuzz_11 Start: 6046, Stop: 7011, Start Num: 65
Candidate Starts for BuzzBuzz_11:
(Start: 65 @6046 has 101 MA's), (88, 6091), (Start: 94 @6112 has 1 MA's), (139, 6232), (200, 6370), (220, 6427), (225, 6442), (269, 6523), (274, 6538), (282, 6556), (304, 6607), (309, 6625), (322, 6670), (369, 6766), (393, 6829), (440, 6919),

Gene: BuzzLyseyear_34 Start: 28312, Stop: 29313, Start Num: 63
Candidate Starts for BuzzLyseyear_34:
(Start: 63 @28312 has 221 MA's), (91, 28387), (Start: 102 @28420 has 1 MA's), (116, 28450), (124, 28471), (138, 28501), (142, 28513), (Start: 160 @28555 has 1 MA's), (Start: 174 @28579 has 20 MA's), (Start: 184 @28594 has 1 MA's), (187, 28606), (220, 28717), (270, 28831), (277, 28849), (294, 28888), (304, 28912), (317, 28948), (322, 28975), (343, 29014), (392, 29122), (416, 29170), (455, 29239), (470, 29269),

Gene: Bxb1_9 Start: 6043, Stop: 7011, Start Num: 71
Candidate Starts for Bxb1_9:
(Start: 71 @6043 has 225 MA's), (Start: 87 @6076 has 5 MA's), (92, 6094), (Start: 94 @6097 has 1 MA's), (203, 6364), (220, 6415), (223, 6427), (264, 6502), (284, 6565), (289, 6577), (299, 6598), (309, 6628), (317, 6646), (321, 6670), (343, 6709), (384, 6790), (392, 6814), (393, 6817), (394, 6820), (402, 6829), (446, 6916), (470, 6961), (490, 7003),

Gene: Bxz1_238 Start: 145870, Stop: 146898, Start Num: 57
Candidate Starts for Bxz1_238:
(Start: 57 @145870 has 189 MA's), (Start: 67 @145900 has 3 MA's), (73, 145912), (91, 145954), (116, 146017), (124, 146038), (Start: 160 @146122 has 1 MA's), (Start: 184 @146164 has 1 MA's), (187, 146176), (189, 146191), (210, 146260), (220, 146287), (244, 146341), (261, 146386), (262, 146389), (288, 146467), (299, 146488), (343, 146599), (386, 146689), (392, 146707), (430, 146779), (448, 146812),

Gene: Bxz2_12 Start: 6056, Stop: 7021, Start Num: 65
Candidate Starts for Bxz2_12:
(Start: 65 @6056 has 101 MA's), (88, 6101), (Start: 94 @6122 has 1 MA's), (139, 6242), (200, 6380), (220, 6437), (225, 6452), (269, 6533), (274, 6548), (282, 6566), (304, 6617), (309, 6635), (322, 6680), (369, 6776), (393, 6839), (413, 6878), (440, 6929),

Gene: Byougenkin_31 Start: 27595, Stop: 28596, Start Num: 63

Candidate Starts for Byougenkin_31:
(Start: 63 @27595 has 221 MA's), (91, 27670), (Start: 102 @27703 has 1 MA's), (116, 27733), (124, 27754), (Start: 160 @27838 has 1 MA's), (Start: 174 @27862 has 20 MA's), (Start: 184 @27877 has 1 MA's), (187, 27889), (220, 28000), (270, 28114), (277, 28132), (294, 28171), (304, 28195), (317, 28231), (322, 28258), (333, 28282), (343, 28297), (392, 28405), (416, 28453), (455, 28522), (470, 28552),

Gene: C3_09 Start: 6596, Stop: 7345, Start Num: 177
Candidate Starts for C3_09:
(Start: 177 @6596 has 9 MA's), (180, 6602), (221, 6743), (264, 6830), (269, 6854), (271, 6860), (282, 6887), (304, 6938), (309, 6956), (369, 7100), (393, 7163), (416, 7211), (418, 7214), (436, 7244), (440, 7253),

Gene: CRB1_11 Start: 6408, Stop: 7385, Start Num: 72
Candidate Starts for CRB1_11:
(Start: 72 @6408 has 61 MA's), (Start: 94 @6462 has 1 MA's), (119, 6519), (189, 6651), (196, 6687), (200, 6699), (220, 6756), (233, 6792), (264, 6840), (274, 6879), (305, 6951), (309, 6966), (330, 7029), (348, 7071), (369, 7119), (381, 7146), (386, 7161), (392, 7179), (393, 7182), (410, 7218), (440, 7272), (486, 7371),

Gene: CREW_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for CREW_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Cabrinians_31 Start: 27775, Stop: 28776, Start Num: 63
Candidate Starts for Cabrinians_31:
(Start: 63 @27775 has 221 MA's), (91, 27850), (Start: 102 @27883 has 1 MA's), (116, 27913), (124, 27934), (138, 27964), (142, 27976), (Start: 160 @28018 has 1 MA's), (Start: 174 @28042 has 20 MA's), (Start: 184 @28057 has 1 MA's), (187, 28069), (220, 28180), (270, 28294), (277, 28312), (294, 28351), (304, 28375), (317, 28411), (343, 28477), (392, 28585), (416, 28633), (424, 28645), (448, 28690), (455, 28702), (470, 28732),

Gene: Cactojaque_247 Start: 143484, Stop: 144512, Start Num: 57
Candidate Starts for Cactojaque_247:
(Start: 57 @143484 has 189 MA's), (Start: 67 @143514 has 3 MA's), (73, 143526), (91, 143568), (116, 143631), (124, 143652), (Start: 160 @143736 has 1 MA's), (Start: 184 @143778 has 1 MA's), (187, 143790), (189, 143805), (210, 143874), (220, 143901), (244, 143955), (261, 144000), (262, 144003), (288, 144081), (299, 144102), (343, 144213), (386, 144303), (392, 144321), (430, 144393), (448, 144426),

Gene: CactusRose_9 Start: 5756, Stop: 6724, Start Num: 71
Candidate Starts for CactusRose_9:
(Start: 71 @5756 has 225 MA's), (Start: 87 @5789 has 5 MA's), (92, 5807), (Start: 94 @5810 has 1 MA's), (203, 6077), (220, 6128), (223, 6140), (264, 6215), (284, 6278), (289, 6290), (299, 6311), (304, 6323), (309, 6341), (317, 6359), (321, 6383), (343, 6422), (384, 6503), (392, 6527), (393, 6530), (394, 6533), (402, 6542), (470, 6674), (490, 6716),

Gene: Caelakin_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Caelakin_10:

(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Cain_31 Start: 25852, Stop: 26595, Start Num: 176
Candidate Starts for Cain_31:
(157, 25825), (Start: 176 @25852 has 165 MA's), (185, 25870), (189, 25894), (190, 25900), (200, 25936), (217, 25984), (220, 25993), (233, 26029), (257, 26071), (301, 26179), (350, 26314), (360, 26329), (364, 26341), (373, 26362), (387, 26377), (388, 26380), (402, 26386), (448, 26464), (478, 26545), (490, 26566), (495, 26575),

Gene: Caitlin_8 Start: 4870, Stop: 5679, Start Num: 181
Candidate Starts for Caitlin_8:
(Start: 181 @4870 has 57 MA's), (202, 4954), (213, 4999), (236, 5059), (260, 5125), (343, 5359), (355, 5398), (362, 5416), (378, 5449), (382, 5467), (416, 5512), (444, 5536), (495, 5665),

Gene: Cali_242 Start: 144263, Stop: 145291, Start Num: 57
Candidate Starts for Cali_242:
(Start: 57 @144263 has 189 MA's), (Start: 67 @144293 has 3 MA's), (91, 144347), (116, 144410), (124, 144431), (Start: 160 @144515 has 1 MA's), (Start: 184 @144557 has 1 MA's), (187, 144569), (189, 144584), (210, 144653), (220, 144680), (244, 144734), (261, 144779), (262, 144782), (288, 144860), (299, 144881), (343, 144992), (386, 145082), (392, 145100), (430, 145172), (448, 145205),

Gene: CallaLilly_31 Start: 26417, Stop: 27289, Start Num: 176
Candidate Starts for CallaLilly_31:
(44, 26087), (125, 26315), (157, 26390), (Start: 176 @26417 has 165 MA's), (Start: 184 @26429 has 1 MA's), (200, 26498), (203, 26507), (210, 26525), (217, 26555), (220, 26564), (233, 26600), (238, 26609), (257, 26642), (264, 26660), (271, 26690), (301, 26750), (350, 26885), (364, 26912), (373, 26933), (381, 26957), (398, 27008), (419, 27110), (442, 27146), (455, 27170), (495, 27269), (498, 27278),

Gene: Calm_26 Start: 25561, Stop: 26592, Start Num: 64
Candidate Starts for Calm_26:
(Start: 64 @25561 has 22 MA's), (120, 25714), (122, 25717), (129, 25741), (135, 25753), (143, 25771), (150, 25789), (158, 25807), (Start: 163 @25813 has 3 MA's), (169, 25822), (Start: 176 @25837 has 165 MA's), (185, 25852), (200, 25924), (220, 25981), (235, 26020), (271, 26098), (274, 26107), (276, 26110), (282, 26125), (302, 26179), (309, 26200), (313, 26215), (356, 26299), (369, 26329), (393, 26398), (402, 26410), (413, 26434), (419, 26452), (424, 26455), (430, 26467), (432, 26470), (448, 26500), (455, 26512),

Gene: Calvinny_12 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Calvinny_12:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: Camperdownii_9 Start: 5498, Stop: 6478, Start Num: 84
Candidate Starts for Camperdownii_9:
(Start: 84 @5498 has 125 MA's), (Start: 94 @5525 has 1 MA's), (Start: 101 @5546 has 1 MA's), (Start: 102 @5549 has 1 MA's), (200, 5798), (220, 5855), (223, 5867), (233, 5891), (251, 5918), (265, 5939), (280, 5987), (306, 6044), (363, 6194), (411, 6305), (417, 6317), (421, 6329), (456, 6395),

Gene: Candle_39 Start: 35346, Stop: 36395, Start Num: 63
Candidate Starts for Candle_39:
(Start: 63 @35346 has 221 MA's), (95, 35430), (97, 35439), (105, 35463), (116, 35493), (124, 35514), (131, 35532), (140, 35550), (147, 35571), (151, 35580), (Start: 160 @35598 has 1 MA's), (Start: 181 @35625 has 57 MA's), (190, 35667), (216, 35757), (234, 35799), (245, 35820), (277, 35919), (287, 35946), (317, 36018), (340, 36072), (410, 36222), (426, 36249), (430, 36258), (454, 36300), (455, 36303), (457, 36309), (460, 36318), (483, 36354), (488, 36363), (493, 36372),

Gene: Cane17_241 Start: 147674, Stop: 148708, Start Num: 57
Candidate Starts for Cane17_241:
(Start: 57 @147674 has 189 MA's), (Start: 67 @147704 has 3 MA's), (91, 147758), (116, 147821), (124, 147842), (Start: 160 @147926 has 1 MA's), (Start: 184 @147968 has 1 MA's), (187, 147980), (189, 147995), (210, 148064), (220, 148091), (244, 148145), (261, 148190), (262, 148193), (288, 148271), (299, 148292), (343, 148403), (386, 148493), (392, 148511), (430, 148583), (448, 148616), (493, 148703),

Gene: Capablanca_257 Start: 146517, Stop: 147545, Start Num: 57
Candidate Starts for Capablanca_257:
(Start: 57 @146517 has 189 MA's), (Start: 67 @146547 has 3 MA's), (73, 146559), (91, 146601), (116, 146664), (124, 146685), (Start: 160 @146769 has 1 MA's), (Start: 184 @146811 has 1 MA's), (187, 146823), (189, 146838), (210, 146907), (220, 146934), (244, 146988), (261, 147033), (262, 147036), (288, 147114), (299, 147135), (343, 147246), (386, 147336), (392, 147354), (430, 147426), (448, 147459),

Gene: Capricorn_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Capricorn_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: CaptainTrips_32 Start: 27915, Stop: 28916, Start Num: 63
Candidate Starts for CaptainTrips_32:
(Start: 63 @27915 has 221 MA's), (Start: 67 @27936 has 3 MA's), (73, 27948), (91, 27990), (116, 28053), (124, 28074), (Start: 160 @28158 has 1 MA's), (Start: 174 @28182 has 20 MA's), (Start: 184 @28197 has 1 MA's), (187, 28209), (220, 28320), (270, 28434), (277, 28452), (294, 28491), (304, 28515), (317, 28551), (322, 28578), (343, 28617), (392, 28725), (416, 28773), (424, 28785), (448, 28830), (455, 28842), (470, 28872),

Gene: Caravan_242 Start: 144567, Stop: 145595, Start Num: 57
Candidate Starts for Caravan_242:
(Start: 57 @144567 has 189 MA's), (Start: 67 @144597 has 3 MA's), (73, 144609), (91, 144651), (116, 144714), (124, 144735), (Start: 160 @144819 has 1 MA's), (Start: 184 @144861 has 1 MA's), (187, 144873), (189, 144888), (210, 144957), (220, 144984), (244, 145038), (261, 145083), (262, 145086), (288, 145164), (299, 145185), (343, 145296), (386, 145386), (392, 145404), (430, 145476), (448, 145509),

Gene: Carlyle_12 Start: 6604, Stop: 7572, Start Num: 71
Candidate Starts for Carlyle_12:
(Start: 71 @6604 has 225 MA's), (Start: 87 @6637 has 5 MA's), (92, 6655), (Start: 94 @6658 has 1 MA's), (203, 6925), (220, 6976), (223, 6988), (264, 7063), (284, 7126), (289, 7138), (299, 7159), (304, 7171), (309, 7189), (317, 7207), (321, 7231), (343, 7270), (384, 7351), (392, 7375), (393, 7378), (394, 7381), (402, 7390), (446, 7477), (470, 7522), (490, 7564),

Gene: CartmannCramer_10 Start: 6588, Stop: 7502, Start Num: 94
Candidate Starts for CartmannCramer_10:
(Start: 71 @6534 has 225 MA's), (Start: 87 @6567 has 5 MA's), (92, 6585), (Start: 94 @6588 has 1 MA's), (203, 6855), (220, 6906), (223, 6918), (264, 6993), (284, 7056), (299, 7089), (304, 7101), (309, 7119), (317, 7137), (343, 7200), (384, 7281), (392, 7305), (393, 7308), (394, 7311), (402, 7320), (446, 7407), (490, 7494),

Gene: Casbah_46 Start: 41385, Stop: 42449, Start Num: 52
Candidate Starts for Casbah_46:
(Start: 52 @41385 has 53 MA's), (Start: 77 @41448 has 3 MA's), (110, 41529), (138, 41595), (144, 41610), (147, 41622), (161, 41649), (188, 41706), (190, 41715), (242, 41862), (251, 41877), (269, 41931), (282, 41964), (301, 42003), (305, 42015), (331, 42096), (343, 42114), (344, 42117), (369, 42162), (416, 42273), (475, 42384), (486, 42405), (499, 42438),

Gene: CaseJules_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for CaseJules_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: CatBus_11 Start: 6769, Stop: 7731, Start Num: 71
Candidate Starts for CatBus_11:
(Start: 71 @6769 has 225 MA's), (Start: 87 @6802 has 5 MA's), (92, 6820), (Start: 94 @6823 has 1 MA's), (203, 7090), (220, 7135), (265, 7225), (294, 7306), (299, 7318), (304, 7330), (309, 7348), (317, 7366), (321, 7390), (343, 7429), (384, 7510), (392, 7534), (393, 7537), (394, 7540), (402, 7549), (446, 7636), (470, 7681), (490, 7723),

Gene: Cat_8 Start: 5591, Stop: 6325, Start Num: 166
Candidate Starts for Cat_8:
(Start: 166 @5591 has 22 MA's), (200, 5678), (220, 5735), (223, 5747), (225, 5750), (235, 5774), (249, 5789), (269, 5837), (271, 5843), (282, 5870), (309, 5939), (334, 6011), (357, 6053), (369, 6080), (381, 6107), (392, 6140), (393, 6143), (413, 6182), (482, 6305),

Gene: Catdawg_67 Start: 43468, Stop: 44508, Start Num: 62
Candidate Starts for Catdawg_67:
(Start: 62 @43468 has 32 MA's), (91, 43543), (116, 43624), (119, 43630), (124, 43645), (158, 43726), (Start: 160 @43729 has 1 MA's), (187, 43783), (189, 43798), (220, 43894), (235, 43933), (248, 43963), (261, 43993), (262, 43996), (271, 44029), (299, 44095), (317, 44143), (322, 44170), (343, 44209), (428, 44383), (455, 44434),

Gene: Catera_241 Start: 143006, Stop: 144034, Start Num: 57
Candidate Starts for Catera_241:
(Start: 57 @143006 has 189 MA's), (Start: 67 @143036 has 3 MA's), (73, 143048), (91, 143090), (116, 143153), (124, 143174), (Start: 160 @143258 has 1 MA's), (Start: 184 @143300 has 1 MA's), (187, 143312), (189, 143327), (210, 143396), (220, 143423), (244, 143477), (261, 143522), (262, 143525), (288, 143603), (299, 143624), (343, 143735), (386, 143825), (392, 143843), (430, 143915), (448, 143948),

Gene: Caviar_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Caviar_11:

(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Centaur_13 Start: 6923, Stop: 7900, Start Num: 72
Candidate Starts for Centaur_13:
(Start: 72 @6923 has 61 MA's), (Start: 94 @6977 has 1 MA's), (119, 7034), (189, 7166), (200, 7214), (220, 7271), (233, 7307), (264, 7355), (274, 7394), (305, 7466), (309, 7481), (322, 7526), (330, 7544), (348, 7586), (369, 7634), (381, 7661), (386, 7676), (392, 7694), (393, 7697), (440, 7787),

Gene: CentreCat_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for CentreCat_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Cerasum_27 Start: 23733, Stop: 24731, Start Num: 55
Candidate Starts for Cerasum_27:
(Start: 55 @23733 has 35 MA's), (91, 23808), (116, 23868), (124, 23889), (Start: 160 @23973 has 1 MA's), (187, 24024), (189, 24039), (220, 24135), (264, 24222), (269, 24246), (277, 24267), (294, 24306), (299, 24318), (317, 24366), (322, 24393), (333, 24417), (343, 24432), (392, 24540), (416, 24588), (455, 24657), (470, 24687),

Gene: Cerulean_10 Start: 5859, Stop: 6839, Start Num: 84
Candidate Starts for Cerulean_10:
(Start: 84 @5859 has 125 MA's), (Start: 94 @5886 has 1 MA's), (Start: 101 @5907 has 1 MA's), (Start: 102 @5910 has 1 MA's), (200, 6159), (220, 6216), (223, 6228), (251, 6279), (265, 6300), (280, 6348), (306, 6405), (363, 6555), (417, 6678), (421, 6690), (456, 6756),

Gene: ChaChing_47 Start: 41548, Stop: 42612, Start Num: 52
Candidate Starts for ChaChing_47:
(Start: 52 @41548 has 53 MA's), (Start: 77 @41611 has 3 MA's), (110, 41692), (138, 41758), (144, 41773), (147, 41785), (161, 41812), (188, 41869), (190, 41878), (242, 42025), (251, 42040), (269, 42094), (282, 42127), (301, 42166), (305, 42178), (331, 42259), (343, 42277), (344, 42280), (369, 42325), (416, 42436), (475, 42547), (486, 42568), (499, 42601),

Gene: Chadwick_9 Start: 5150, Stop: 5959, Start Num: 181
Candidate Starts for Chadwick_9:
(148, 5087), (170, 5126), (Start: 181 @5150 has 57 MA's), (194, 5213), (213, 5279), (219, 5294), (230, 5327), (322, 5597), (343, 5639), (355, 5678), (362, 5696), (376, 5726), (486, 5924),

Gene: Chalmers_47 Start: 42340, Stop: 43404, Start Num: 52
Candidate Starts for Chalmers_47:
(Start: 52 @42340 has 53 MA's), (Start: 77 @42403 has 3 MA's), (110, 42484), (138, 42550), (144, 42565), (147, 42577), (161, 42604), (188, 42661), (190, 42670), (242, 42817), (251, 42832), (269, 42886), (282, 42919), (301, 42958), (305, 42970), (331, 43051), (343, 43069), (344, 43072), (369, 43117), (416, 43228), (475, 43339), (486, 43360), (499, 43393),

Gene: ChampagnePapi_10 Start: 5858, Stop: 6838, Start Num: 84
Candidate Starts for ChampagnePapi_10:
(Start: 84 @5858 has 125 MA's), (Start: 94 @5885 has 1 MA's), (Start: 101 @5906 has 1 MA's), (Start: 102 @5909 has 1 MA's), (200, 6158), (220, 6215), (223, 6227), (251, 6278), (265, 6299), (280, 6347),

(306, 6404), (363, 6554), (417, 6677), (421, 6689), (456, 6755),

Gene: Chanagan_9 Start: 5600, Stop: 6568, Start Num: 71
Candidate Starts for Chanagan_9:
(Start: 71 @5600 has 225 MA's), (Start: 87 @5633 has 5 MA's), (92, 5651), (Start: 94 @5654 has 1 MA's), (203, 5921), (220, 5972), (223, 5984), (264, 6059), (284, 6122), (289, 6134), (299, 6155), (304, 6167), (309, 6185), (317, 6203), (321, 6227), (343, 6266), (384, 6347), (392, 6371), (393, 6374), (394, 6377), (402, 6386), (446, 6473), (490, 6560),

Gene: Chancellor_32 Start: 27640, Stop: 28431, Start Num: 162
Candidate Starts for Chancellor_32:
(Start: 162 @27640 has 23 MA's), (Start: 184 @27673 has 1 MA's), (190, 27706), (196, 27730), (203, 27751), (208, 27760), (214, 27790), (217, 27799), (220, 27808), (233, 27844), (273, 27925), (350, 28132), (364, 28159), (373, 28180), (381, 28204), (418, 28228), (448, 28282), (455, 28294), (479, 28366),

Gene: Chandler_47 Start: 42316, Stop: 43380, Start Num: 52
Candidate Starts for Chandler_47:
(Start: 52 @42316 has 53 MA's), (Start: 77 @42379 has 3 MA's), (110, 42460), (138, 42526), (144, 42541), (147, 42553), (161, 42580), (188, 42637), (190, 42646), (242, 42793), (251, 42808), (269, 42862), (282, 42895), (301, 42934), (305, 42946), (331, 43027), (343, 43045), (344, 43048), (416, 43204), (475, 43315), (486, 43336), (499, 43369),

Gene: Changeling_14 Start: 8284, Stop: 9261, Start Num: 72
Candidate Starts for Changeling_14:
(Start: 72 @8284 has 61 MA's), (Start: 94 @8338 has 1 MA's), (189, 8527), (196, 8563), (200, 8575), (220, 8632), (233, 8668), (264, 8716), (274, 8755), (304, 8824), (309, 8842), (322, 8887), (330, 8905), (348, 8947), (369, 8995), (381, 9022), (386, 9037), (393, 9058), (410, 9094), (413, 9097), (440, 9148),

Gene: Chaph_10 Start: 5890, Stop: 6870, Start Num: 84
Candidate Starts for Chaph_10:
(Start: 84 @5890 has 125 MA's), (Start: 86 @5893 has 14 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (220, 6247), (265, 6331), (269, 6352), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (411, 6697), (417, 6709), (421, 6721), (456, 6787),

Gene: Chargie21_250 Start: 142761, Stop: 143789, Start Num: 57
Candidate Starts for Chargie21_250:
(Start: 57 @142761 has 189 MA's), (Start: 67 @142791 has 3 MA's), (73, 142803), (91, 142845), (116, 142908), (124, 142929), (Start: 160 @143013 has 1 MA's), (Start: 184 @143055 has 1 MA's), (187, 143067), (189, 143082), (210, 143151), (220, 143178), (244, 143232), (261, 143277), (262, 143280), (264, 143283), (288, 143358), (299, 143379), (343, 143490), (386, 143580), (392, 143598), (430, 143670), (448, 143703),

Gene: CharlieB_247 Start: 144029, Stop: 145057, Start Num: 57
Candidate Starts for CharlieB_247:
(Start: 57 @144029 has 189 MA's), (Start: 67 @144059 has 3 MA's), (91, 144113), (116, 144176), (124, 144197), (Start: 160 @144281 has 1 MA's), (Start: 184 @144323 has 1 MA's), (187, 144335), (189, 144350), (210, 144419), (220, 144446), (244, 144500), (261, 144545), (262, 144548), (288, 144626), (299, 144647), (343, 144758), (386, 144848), (392, 144866), (430, 144938), (448, 144971),

Gene: Chavito_31 Start: 26161, Stop: 26922, Start Num: 176
Candidate Starts for Chavito_31:

(125, 26056), (133, 26077), (148, 26110), (157, 26131), (Start: 176 @26161 has 165 MA's), (190, 26206), (203, 26251), (218, 26302), (220, 26308), (231, 26338), (233, 26344), (238, 26353), (257, 26386), (269, 26428), (295, 26479), (301, 26494), (350, 26629), (364, 26656), (373, 26677), (376, 26683), (381, 26701), (418, 26734), (419, 26740), (448, 26788), (474, 26860), (495, 26902), (498, 26911),

Gene: ChaylaJr_251 Start: 143703, Stop: 144731, Start Num: 57
Candidate Starts for ChaylaJr_251:
(Start: 57 @143703 has 189 MA's), (Start: 67 @143733 has 3 MA's), (73, 143745), (91, 143787), (116, 143850), (124, 143871), (Start: 160 @143955 has 1 MA's), (Start: 184 @143997 has 1 MA's), (187, 144009), (189, 144024), (210, 144093), (220, 144120), (244, 144174), (261, 144219), (262, 144222), (288, 144300), (299, 144321), (343, 144432), (386, 144522), (392, 144540), (430, 144612), (448, 144645),

Gene: Che8_33 Start: 27957, Stop: 28958, Start Num: 63
Candidate Starts for Che8_33:
(37, 27858), (Start: 63 @27957 has 221 MA's), (91, 28032), (Start: 102 @28065 has 1 MA's), (116, 28095), (124, 28116), (138, 28146), (Start: 160 @28200 has 1 MA's), (Start: 174 @28224 has 20 MA's), (Start: 184 @28239 has 1 MA's), (187, 28251), (220, 28362), (270, 28476), (277, 28494), (294, 28533), (304, 28557), (317, 28593), (322, 28620), (343, 28659), (369, 28707), (392, 28767), (416, 28815), (424, 28827), (448, 28872), (455, 28884), (470, 28914),

Gene: Che9d_36 Start: 26815, Stop: 27888, Start Num: 63
Candidate Starts for Che9d_36:
(Start: 63 @26815 has 221 MA's), (Start: 70 @26842 has 1 MA's), (89, 26872), (116, 26953), (123, 26965), (127, 26983), (151, 27040), (165, 27064), (Start: 166 @27067 has 22 MA's), (Start: 181 @27085 has 57 MA's), (188, 27118), (190, 27127), (203, 27178), (216, 27220), (222, 27244), (224, 27253), (229, 27265), (242, 27295), (254, 27325), (255, 27328), (269, 27385), (270, 27388), (281, 27415), (284, 27424), (305, 27472), (331, 27553), (369, 27628), (416, 27736), (442, 27781), (444, 27784), (446, 27790), (455, 27805), (488, 27871),

Gene: Cheesepuff_34 Start: 28778, Stop: 29779, Start Num: 63
Candidate Starts for Cheesepuff_34:
(Start: 63 @28778 has 221 MA's), (91, 28853), (Start: 102 @28886 has 1 MA's), (116, 28916), (124, 28937), (Start: 160 @29021 has 1 MA's), (187, 29072), (189, 29087), (220, 29183), (270, 29297), (277, 29315), (294, 29354), (304, 29378), (317, 29414), (322, 29441), (343, 29480), (392, 29588), (416, 29636), (424, 29648), (448, 29693), (455, 29705), (470, 29735),

Gene: CheetoDust_31 Start: 26471, Stop: 27343, Start Num: 176
Candidate Starts for CheetoDust_31:
(157, 26444), (Start: 176 @26471 has 165 MA's), (Start: 184 @26483 has 1 MA's), (200, 26552), (210, 26579), (217, 26609), (220, 26618), (233, 26654), (238, 26663), (257, 26696), (264, 26714), (271, 26744), (301, 26804), (350, 26939), (364, 26966), (373, 26987), (381, 27011), (398, 27062), (442, 27200), (455, 27224), (495, 27323), (498, 27332),

Gene: Cheetobro_32 Start: 27637, Stop: 28428, Start Num: 162
Candidate Starts for Cheetobro_32:
(Start: 162 @27637 has 23 MA's), (Start: 184 @27670 has 1 MA's), (190, 27703), (196, 27727), (203, 27748), (208, 27757), (214, 27787), (217, 27796), (220, 27805), (233, 27841), (273, 27922), (350, 28129), (364, 28156), (373, 28177), (381, 28201), (418, 28225), (448, 28279), (455, 28291), (479, 28363),

Gene: ChengKai98_28 Start: 26305, Stop: 27276, Start Num: 80

Candidate Starts for ChengKai98_28:
(Start: 80 @26305 has 47 MA's), (99, 26359), (144, 26479), (156, 26509), (167, 26524), (Start: 184 @26557 has 1 MA's), (185, 26560), (187, 26569), (190, 26590), (210, 26653), (220, 26680), (228, 26704), (244, 26734), (270, 26785), (274, 26797), (305, 26860), (309, 26875), (321, 26935), (327, 26950), (364, 27031), (373, 27049), (375, 27052), (376, 27055), (424, 27106), (448, 27151), (465, 27193), (485, 27235),

Gene: Chentzyk_47 Start: 41897, Stop: 42961, Start Num: 52
Candidate Starts for Chentzyk_47:
(Start: 52 @41897 has 53 MA's), (Start: 77 @41960 has 3 MA's), (110, 42041), (138, 42107), (144, 42122), (147, 42134), (161, 42161), (188, 42218), (190, 42227), (242, 42374), (251, 42389), (269, 42443), (282, 42476), (301, 42515), (305, 42527), (331, 42608), (343, 42626), (344, 42629), (369, 42674), (416, 42785), (475, 42896), (486, 42917), (499, 42950),

Gene: ChickenDinner_33 Start: 28140, Stop: 29141, Start Num: 63
Candidate Starts for ChickenDinner_33:
(28, 27879), (37, 28041), (Start: 63 @28140 has 221 MA's), (91, 28215), (116, 28278), (124, 28299), (Start: 160 @28383 has 1 MA's), (Start: 174 @28407 has 20 MA's), (Start: 184 @28422 has 1 MA's), (187, 28434), (220, 28545), (270, 28659), (277, 28677), (294, 28716), (304, 28740), (317, 28776), (322, 28803), (343, 28842), (392, 28950), (416, 28998), (424, 29010), (455, 29067), (470, 29097),

Gene: ChickenPhender_248 Start: 142459, Stop: 143487, Start Num: 57
Candidate Starts for ChickenPhender_248:
(Start: 57 @142459 has 189 MA's), (Start: 67 @142489 has 3 MA's), (73, 142501), (91, 142543), (116, 142606), (124, 142627), (Start: 160 @142711 has 1 MA's), (Start: 184 @142753 has 1 MA's), (187, 142765), (189, 142780), (210, 142849), (220, 142876), (244, 142930), (261, 142975), (262, 142978), (288, 143056), (299, 143077), (343, 143188), (386, 143278), (392, 143296), (430, 143368), (448, 143401),

Gene: ChipMunk_13 Start: 6810, Stop: 7802, Start Num: 83
Candidate Starts for ChipMunk_13:
(Start: 83 @6810 has 55 MA's), (Start: 101 @6861 has 1 MA's), (Start: 102 @6864 has 1 MA's), (179, 7032), (189, 7065), (205, 7125), (220, 7170), (264, 7257), (278, 7302), (294, 7341), (310, 7389), (318, 7404), (338, 7470), (352, 7494), (358, 7512), (393, 7599), (417, 7647), (448, 7713), (481, 7788),

Gene: Chiqui_9 Start: 5958, Stop: 6698, Start Num: 166
Candidate Starts for Chiqui_9:
(75, 5772), (100, 5841), (Start: 166 @5958 has 22 MA's), (200, 6045), (220, 6102), (223, 6114), (225, 6117), (235, 6141), (249, 6156), (264, 6180), (269, 6204), (271, 6210), (282, 6237), (309, 6306), (334, 6378), (357, 6420), (369, 6447), (381, 6474), (392, 6507), (393, 6510), (413, 6549), (492, 6690),

Gene: Chomp_251 Start: 145895, Stop: 146923, Start Num: 57
Candidate Starts for Chomp_251:
(Start: 57 @145895 has 189 MA's), (Start: 67 @145925 has 3 MA's), (73, 145937), (91, 145979), (116, 146042), (124, 146063), (Start: 160 @146147 has 1 MA's), (Start: 184 @146189 has 1 MA's), (187, 146201), (189, 146216), (210, 146285), (220, 146312), (244, 146366), (261, 146411), (262, 146414), (288, 146492), (299, 146513), (343, 146624), (386, 146714), (392, 146732), (430, 146804), (448, 146837),

Gene: Chris_30 Start: 25746, Stop: 26486, Start Num: 176
Candidate Starts for Chris_30:
(157, 25719), (Start: 176 @25746 has 165 MA's), (185, 25761), (190, 25791), (200, 25827), (220, 25884), (233, 25920), (257, 25962), (301, 26070), (364, 26232), (376, 26259), (381, 26277), (413,

26289), (418, 26301), (442, 26343), (454, 26364), (455, 26367), (495, 26466), (498, 26475),

Gene: ChristmasHams_10 Start: 6121, Stop: 7035, Start Num: 94
Candidate Starts for ChristmasHams_10:
(Start: 71 @6067 has 225 MA's), (Start: 87 @6100 has 5 MA's), (92, 6118), (Start: 94 @6121 has 1 MA's), (203, 6388), (220, 6439), (223, 6451), (264, 6526), (284, 6589), (299, 6622), (304, 6634), (309, 6652), (317, 6670), (321, 6694), (343, 6733), (384, 6814), (392, 6838), (393, 6841), (394, 6844), (402, 6853), (446, 6940), (490, 7027),

Gene: Chuckly_31 Start: 27691, Stop: 28692, Start Num: 63
Candidate Starts for Chuckly_31:
(Start: 63 @27691 has 221 MA's), (Start: 67 @27712 has 3 MA's), (73, 27724), (91, 27766), (116, 27829), (124, 27850), (138, 27880), (Start: 160 @27934 has 1 MA's), (Start: 174 @27958 has 20 MA's), (187, 27985), (220, 28096), (270, 28210), (277, 28228), (294, 28267), (304, 28291), (317, 28327), (322, 28354), (343, 28393), (369, 28441), (392, 28501), (424, 28561), (455, 28618), (470, 28648),

Gene: Chupacabra_10 Start: 5710, Stop: 6684, Start Num: 72
Candidate Starts for Chupacabra_10:
(60, 5671), (Start: 72 @5710 has 61 MA's), (Start: 94 @5764 has 1 MA's), (155, 5917), (220, 6079), (225, 6094), (233, 6115), (264, 6163), (269, 6187), (271, 6193), (274, 6202), (304, 6271), (309, 6289), (322, 6334), (330, 6352), (369, 6430), (381, 6457), (386, 6472), (393, 6493), (440, 6583), (460, 6625), (492, 6676),

Gene: Ciao_10 Start: 5986, Stop: 6954, Start Num: 71
Candidate Starts for Ciao_10:
(Start: 71 @5986 has 225 MA's), (Start: 87 @6019 has 5 MA's), (92, 6037), (Start: 94 @6040 has 1 MA's), (203, 6307), (220, 6358), (223, 6370), (264, 6445), (284, 6508), (289, 6520), (299, 6541), (304, 6553), (309, 6571), (317, 6589), (321, 6613), (343, 6652), (384, 6733), (392, 6757), (393, 6760), (394, 6763), (402, 6772), (470, 6904), (490, 6946),

Gene: CicholasNage_26 Start: 25549, Stop: 26580, Start Num: 64
Candidate Starts for CicholasNage_26:
(Start: 64 @25549 has 22 MA's), (120, 25702), (122, 25705), (129, 25729), (135, 25741), (143, 25759), (150, 25777), (158, 25795), (Start: 163 @25801 has 3 MA's), (169, 25810), (Start: 176 @25825 has 165 MA's), (185, 25840), (200, 25912), (220, 25969), (235, 26008), (271, 26086), (274, 26095), (276, 26098), (282, 26113), (302, 26167), (309, 26188), (313, 26203), (356, 26287), (369, 26317), (393, 26386), (402, 26398), (413, 26422), (419, 26440), (424, 26443), (430, 26455), (432, 26458), (448, 26488), (455, 26500),

Gene: Cici_10 Start: 5878, Stop: 6858, Start Num: 84
Candidate Starts for Cici_10:
(51, 5818), (61, 5836), (Start: 84 @5878 has 125 MA's), (Start: 86 @5881 has 14 MA's), (Start: 94 @5905 has 1 MA's), (Start: 101 @5926 has 1 MA's), (Start: 102 @5929 has 1 MA's), (200, 6178), (218, 6229), (220, 6235), (223, 6247), (237, 6277), (265, 6319), (280, 6367), (296, 6397), (306, 6424), (363, 6574), (417, 6697), (421, 6709), (429, 6718), (456, 6775), (491, 6850),

Gene: Cindaradix_9 Start: 5587, Stop: 6567, Start Num: 84
Candidate Starts for Cindaradix_9:
(Start: 84 @5587 has 125 MA's), (Start: 94 @5614 has 1 MA's), (Start: 101 @5635 has 1 MA's), (Start: 102 @5638 has 1 MA's), (186, 5818), (200, 5887), (210, 5914), (220, 5944), (223, 5956), (251, 6007), (265, 6028), (269, 6049), (280, 6076), (296, 6106), (306, 6133), (363, 6283), (421, 6418), (429, 6427), (456, 6484), (491, 6559),

Gene: CindyLou_253 Start: 146155, Stop: 147183, Start Num: 57
Candidate Starts for CindyLou_253:
(Start: 57 @146155 has 189 MA's), (Start: 67 @146185 has 3 MA's), (73, 146197), (91, 146239), (116, 146302), (124, 146323), (Start: 160 @146407 has 1 MA's), (Start: 184 @146449 has 1 MA's), (187, 146461), (189, 146476), (210, 146545), (220, 146572), (244, 146626), (261, 146671), (262, 146674), (288, 146752), (299, 146773), (343, 146884), (386, 146974), (392, 146992), (430, 147064), (448, 147097),

Gene: Cintron_10 Start: 5926, Stop: 6906, Start Num: 84
Candidate Starts for Cintron_10:
(Start: 84 @5926 has 125 MA's), (Start: 94 @5953 has 1 MA's), (Start: 101 @5974 has 1 MA's), (Start: 102 @5977 has 1 MA's), (200, 6226), (218, 6277), (220, 6283), (223, 6295), (261, 6358), (265, 6367), (280, 6415), (306, 6472), (363, 6622), (374, 6646), (385, 6679), (414, 6736), (421, 6757), (456, 6823), (491, 6898),

Gene: Citius_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Citius_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Clammy_11 Start: 5739, Stop: 6479, Start Num: 166
Candidate Starts for Clammy_11:
(100, 5622), (Start: 166 @5739 has 22 MA's), (200, 5826), (220, 5883), (223, 5895), (225, 5898), (235, 5922), (249, 5937), (261, 5955), (269, 5985), (271, 5991), (274, 6000), (282, 6018), (304, 6069), (309, 6087), (334, 6159), (357, 6201), (369, 6228), (381, 6255), (392, 6288), (393, 6291), (413, 6330), (492, 6471),

Gene: Clank_29 Start: 26948, Stop: 27949, Start Num: 63
Candidate Starts for Clank_29:
(Start: 63 @26948 has 221 MA's), (91, 27023), (Start: 102 @27056 has 1 MA's), (116, 27086), (124, 27107), (Start: 160 @27191 has 1 MA's), (187, 27242), (189, 27257), (220, 27353), (270, 27467), (277, 27485), (294, 27524), (304, 27548), (317, 27584), (322, 27611), (343, 27650), (369, 27698), (392, 27758), (416, 27806), (424, 27818), (448, 27863), (455, 27875), (470, 27905),

Gene: Clarenza_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Clarenza_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Claus_28 Start: 26280, Stop: 27251, Start Num: 80
Candidate Starts for Claus_28:
(Start: 80 @26280 has 47 MA's), (99, 26334), (144, 26454), (150, 26469), (156, 26484), (167, 26499), (Start: 184 @26532 has 1 MA's), (190, 26565), (210, 26628), (220, 26655), (228, 26679), (270, 26760), (274, 26772), (289, 26799), (305, 26835), (309, 26850), (313, 26865), (321, 26910), (327, 26925), (364, 27006), (373, 27024), (375, 27027), (376, 27030), (384, 27057), (448, 27126), (465, 27168), (485, 27210),

Gene: Clautastrophe_28 Start: 26850, Stop: 27893, Start Num: 80

Candidate Starts for Clautastrophe_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: Cleatunium_244 Start: 144165, Stop: 145193, Start Num: 57
Candidate Starts for Cleatunium_244:
(Start: 57 @144165 has 189 MA's), (Start: 67 @144195 has 3 MA's), (73, 144207), (91, 144249), (116, 144312), (124, 144333), (Start: 160 @144417 has 1 MA's), (Start: 184 @144459 has 1 MA's), (187, 144471), (189, 144486), (210, 144555), (220, 144582), (244, 144636), (261, 144681), (262, 144684), (288, 144762), (299, 144783), (343, 144894), (386, 144984), (392, 145002), (430, 145074), (448, 145107),

Gene: Clifton_25 Start: 23661, Stop: 24662, Start Num: 63
Candidate Starts for Clifton_25:
(Start: 63 @23661 has 221 MA's), (Start: 67 @23682 has 3 MA's), (73, 23694), (91, 23736), (116, 23799), (124, 23820), (138, 23850), (Start: 160 @23904 has 1 MA's), (Start: 174 @23928 has 20 MA's), (Start: 184 @23943 has 1 MA's), (187, 23955), (220, 24066), (270, 24180), (277, 24198), (294, 24237), (304, 24261), (317, 24297), (322, 24324), (343, 24363), (369, 24411), (392, 24471), (424, 24531), (455, 24588), (470, 24618),

Gene: Clipper_31 Start: 26471, Stop: 27343, Start Num: 176
Candidate Starts for Clipper_31:
(157, 26444), (Start: 176 @26471 has 165 MA's), (Start: 184 @26483 has 1 MA's), (200, 26552), (210, 26579), (217, 26609), (220, 26618), (233, 26654), (238, 26663), (257, 26696), (264, 26714), (271, 26744), (300, 26801), (301, 26804), (350, 26939), (364, 26966), (373, 26987), (381, 27011), (398, 27062), (419, 27164), (442, 27200), (455, 27224), (495, 27323), (498, 27332),

Gene: ClownCar_12 Start: 6031, Stop: 6996, Start Num: 65
Candidate Starts for ClownCar_12:
(Start: 65 @6031 has 101 MA's), (Start: 94 @6097 has 1 MA's), (111, 6151), (144, 6229), (200, 6352), (220, 6409), (264, 6481), (274, 6520), (282, 6538), (309, 6607), (357, 6724), (369, 6751), (393, 6814), (440, 6904), (444, 6910),

Gene: Coco12_31 Start: 27582, Stop: 28580, Start Num: 55
Candidate Starts for Coco12_31:
(Start: 55 @27582 has 35 MA's), (91, 27657), (116, 27717), (124, 27738), (Start: 160 @27822 has 1 MA's), (187, 27873), (189, 27888), (220, 27984), (264, 28071), (269, 28095), (277, 28116), (294, 28155), (299, 28167), (317, 28215), (322, 28242), (333, 28266), (343, 28281), (392, 28389), (416, 28437), (455, 28506), (470, 28536),

Gene: Cocoaberry_10 Start: 5885, Stop: 6865, Start Num: 84
Candidate Starts for Cocoaberry_10:
(Start: 84 @5885 has 125 MA's), (Start: 86 @5888 has 14 MA's), (Start: 94 @5912 has 1 MA's), (Start: 101 @5933 has 1 MA's), (Start: 102 @5936 has 1 MA's), (200, 6185), (220, 6242), (265, 6326), (269, 6347), (280, 6374), (296, 6404), (306, 6431), (363, 6581), (411, 6692), (417, 6704), (421, 6716), (456, 6782),

Gene: Coeur_17 Start: 11931, Stop: 12794, Start Num: 181
Candidate Starts for Coeur_17:
(Start: 181 @11931 has 57 MA's), (197, 12009), (198, 12012), (211, 12054), (212, 12057), (246, 12156), (247, 12162), (252, 12174), (285, 12285), (347, 12477), (363, 12528), (368, 12537), (379,

12564), (450, 12675),

Gene: Colbster_12 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for Colbster_12:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Colin_14 Start: 8102, Stop: 9079, Start Num: 72
Candidate Starts for Colin_14:
(54, 8060), (Start: 72 @8102 has 61 MA's), (Start: 94 @8156 has 1 MA's), (200, 8393), (220, 8450), (264, 8534), (271, 8564), (274, 8573), (304, 8642), (309, 8660), (330, 8723), (348, 8765), (369, 8813), (381, 8840), (386, 8855), (392, 8873), (393, 8876), (413, 8915), (436, 8957), (440, 8966),

Gene: Collard_30 Start: 27188, Stop: 27949, Start Num: 174
Candidate Starts for Collard_30:
(148, 27140), (Start: 174 @27188 has 20 MA's), (Start: 184 @27200 has 1 MA's), (185, 27203), (186, 27206), (190, 27233), (200, 27269), (218, 27329), (220, 27335), (231, 27365), (233, 27371), (238, 27380), (257, 27413), (269, 27455), (270, 27458), (274, 27470), (295, 27506), (301, 27521), (311, 27557), (350, 27656), (364, 27683), (373, 27704), (419, 27767), (436, 27791), (448, 27815), (473, 27884), (495, 27929), (498, 27938),

Gene: Colt_242 Start: 146866, Stop: 147900, Start Num: 57
Candidate Starts for Colt_242:
(Start: 57 @146866 has 189 MA's), (Start: 67 @146896 has 3 MA's), (91, 146950), (116, 147013), (124, 147034), (Start: 160 @147118 has 1 MA's), (Start: 184 @147160 has 1 MA's), (187, 147172), (189, 147187), (210, 147256), (220, 147283), (244, 147337), (261, 147382), (262, 147385), (288, 147463), (299, 147484), (343, 147595), (386, 147685), (392, 147703), (430, 147775), (448, 147808), (493, 147895),

Gene: Commander_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Commander_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Compostia_48 Start: 41964, Stop: 43028, Start Num: 52
Candidate Starts for Compostia_48:
(Start: 52 @41964 has 53 MA's), (Start: 77 @42027 has 3 MA's), (110, 42108), (138, 42174), (144, 42189), (147, 42201), (161, 42228), (188, 42285), (190, 42294), (242, 42441), (251, 42456), (269, 42510), (282, 42543), (301, 42582), (305, 42594), (331, 42675), (343, 42693), (344, 42696), (369, 42741), (416, 42852), (475, 42963), (486, 42984), (499, 43017),

Gene: ConceptII_10 Start: 6237, Stop: 7205, Start Num: 71
Candidate Starts for ConceptII_10:
(Start: 71 @6237 has 225 MA's), (Start: 87 @6270 has 5 MA's), (92, 6288), (Start: 94 @6291 has 1 MA's), (203, 6558), (220, 6609), (223, 6621), (264, 6696), (284, 6759), (299, 6792), (304, 6804), (309, 6822), (317, 6840), (321, 6864), (343, 6903), (384, 6984), (392, 7008), (393, 7011), (394, 7014), (402, 7023), (446, 7110), (490, 7197),

Gene: Concombre_258 Start: 146500, Stop: 147528, Start Num: 57
Candidate Starts for Concombre_258:

(Start: 57 @146500 has 189 MA's), (Start: 67 @146530 has 3 MA's), (73, 146542), (91, 146584), (116, 146647), (124, 146668), (Start: 160 @146752 has 1 MA's), (Start: 184 @146794 has 1 MA's), (187, 146806), (189, 146821), (210, 146890), (220, 146917), (244, 146971), (261, 147016), (262, 147019), (288, 147097), (299, 147118), (343, 147229), (386, 147319), (392, 147337), (430, 147409), (448, 147442),

Gene: Connomayer_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Connomayer_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Conspiracy_8 Start: 5173, Stop: 5982, Start Num: 181
Candidate Starts for Conspiracy_8:
(Start: 181 @5173 has 57 MA's), (194, 5236), (197, 5245), (203, 5266), (213, 5302), (230, 5350), (256, 5407), (261, 5431), (343, 5662), (362, 5719), (495, 5968),

Gene: Constella_41 Start: 38707, Stop: 39573, Start Num: 154
Candidate Starts for Constella_41:
(Start: 154 @38707 has 32 MA's), (Start: 171 @38734 has 1 MA's), (201, 38842), (207, 38863), (220, 38908), (227, 38929), (241, 38950), (261, 39004), (277, 39055), (298, 39106), (351, 39256), (366, 39298), (385, 39349), (392, 39367), (441, 39433), (447, 39445), (453, 39454), (462, 39484), (489, 39547),

Gene: Coog_8 Start: 5323, Stop: 6132, Start Num: 181
Candidate Starts for Coog_8:
(Start: 181 @5323 has 57 MA's), (194, 5386), (197, 5395), (213, 5452), (230, 5500), (322, 5770), (343, 5812), (362, 5869), (380, 5911), (495, 6118),

Gene: Corium_31 Start: 27715, Stop: 28716, Start Num: 63
Candidate Starts for Corium_31:
(Start: 63 @27715 has 221 MA's), (91, 27790), (Start: 102 @27823 has 1 MA's), (116, 27853), (124, 27874), (138, 27904), (Start: 160 @27958 has 1 MA's), (Start: 174 @27982 has 20 MA's), (Start: 184 @27997 has 1 MA's), (187, 28009), (220, 28120), (270, 28234), (277, 28252), (294, 28291), (304, 28315), (317, 28351), (322, 28378), (343, 28417), (392, 28525), (416, 28573), (424, 28585), (448, 28630), (455, 28642), (470, 28672),

Gene: Corndog_70 Start: 44462, Stop: 45502, Start Num: 62
Candidate Starts for Corndog_70:
(Start: 62 @44462 has 32 MA's), (91, 44537), (116, 44618), (119, 44624), (124, 44639), (158, 44720), (Start: 160 @44723 has 1 MA's), (187, 44777), (189, 44792), (220, 44888), (235, 44927), (248, 44957), (261, 44987), (262, 44990), (271, 45023), (299, 45089), (311, 45128), (317, 45137), (322, 45164), (343, 45203), (428, 45377), (455, 45428),

Gene: Cornie_31 Start: 28018, Stop: 29019, Start Num: 63
Candidate Starts for Cornie_31:
(Start: 63 @28018 has 221 MA's), (91, 28093), (Start: 102 @28126 has 1 MA's), (116, 28156), (124, 28177), (138, 28207), (142, 28219), (Start: 160 @28261 has 1 MA's), (Start: 174 @28285 has 20 MA's), (Start: 184 @28300 has 1 MA's), (187, 28312), (220, 28423), (270, 28537), (277, 28555), (294, 28594), (304, 28618), (317, 28654), (322, 28681), (333, 28705), (343, 28720), (392, 28828), (416, 28876), (455, 28945), (470, 28975),

Gene: Cornucopia_32 Start: 27534, Stop: 28535, Start Num: 55
Candidate Starts for Cornucopia_32:
(Start: 55 @27534 has 35 MA's), (91, 27609), (Start: 102 @27642 has 1 MA's), (116, 27672), (124, 27693), (Start: 160 @27777 has 1 MA's), (187, 27828), (220, 27939), (269, 28050), (277, 28071), (294, 28110), (299, 28122), (317, 28170), (322, 28197), (333, 28221), (343, 28236), (392, 28344), (424, 28404), (455, 28461), (470, 28491),

Gene: Corofin_47 Start: 41559, Stop: 42623, Start Num: 52
Candidate Starts for Corofin_47:
(Start: 52 @41559 has 53 MA's), (Start: 77 @41622 has 3 MA's), (110, 41703), (138, 41769), (144, 41784), (147, 41796), (161, 41823), (188, 41880), (190, 41889), (242, 42036), (251, 42051), (269, 42105), (282, 42138), (301, 42177), (305, 42189), (331, 42270), (343, 42288), (344, 42291), (416, 42447), (475, 42558), (486, 42579), (499, 42612),

Gene: Corvo_10 Start: 6181, Stop: 7149, Start Num: 71
Candidate Starts for Corvo_10:
(Start: 71 @6181 has 225 MA's), (Start: 87 @6214 has 5 MA's), (92, 6232), (Start: 94 @6235 has 1 MA's), (203, 6502), (220, 6553), (223, 6565), (264, 6640), (284, 6703), (289, 6715), (299, 6736), (304, 6748), (309, 6766), (317, 6784), (321, 6808), (343, 6847), (384, 6928), (392, 6952), (393, 6955), (394, 6958), (402, 6967), (446, 7054), (490, 7141),

Gene: CrimD_31 Start: 26431, Stop: 27303, Start Num: 176
Candidate Starts for CrimD_31:
(157, 26404), (Start: 176 @26431 has 165 MA's), (Start: 184 @26443 has 1 MA's), (200, 26512), (210, 26539), (217, 26569), (220, 26578), (233, 26614), (238, 26623), (257, 26656), (264, 26674), (301, 26764), (350, 26899), (364, 26926), (373, 26947), (381, 26971), (398, 27022), (419, 27124), (442, 27160), (455, 27184), (495, 27283), (498, 27292),

Gene: Crispicous1_9 Start: 5465, Stop: 6433, Start Num: 71
Candidate Starts for Crispicous1_9:
(Start: 71 @5465 has 225 MA's), (Start: 87 @5498 has 5 MA's), (92, 5516), (Start: 94 @5519 has 1 MA's), (203, 5786), (220, 5837), (223, 5849), (264, 5924), (284, 5987), (289, 5999), (299, 6020), (304, 6032), (309, 6050), (317, 6068), (321, 6092), (343, 6131), (384, 6212), (392, 6236), (393, 6239), (394, 6242), (402, 6251), (446, 6338), (470, 6383), (490, 6425),

Gene: Croquant_13 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Croquant_13:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Crossroads_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Crossroads_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (144, 26477), (156, 26507), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (244, 26732), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Crucio_11 Start: 6372, Stop: 7364, Start Num: 83
Candidate Starts for Crucio_11:
(Start: 83 @6372 has 55 MA's), (Start: 101 @6423 has 1 MA's), (Start: 102 @6426 has 1 MA's), (112, 6459), (119, 6474), (179, 6594), (Start: 184 @6600 has 1 MA's), (205, 6687), (220, 6732), (278, 6864),

(294, 6903), (310, 6951), (338, 7032), (358, 7074), (393, 7161), (417, 7209), (448, 7275), (481, 7350),

Gene: Crumble_25 Start: 23705, Stop: 24706, Start Num: 63
Candidate Starts for Crumble_25:
(Start: 63 @23705 has 221 MA's), (91, 23780), (Start: 102 @23813 has 1 MA's), (116, 23843), (124, 23864), (138, 23894), (142, 23906), (Start: 160 @23948 has 1 MA's), (Start: 174 @23972 has 20 MA's), (Start: 184 @23987 has 1 MA's), (187, 23999), (220, 24110), (270, 24224), (277, 24242), (294, 24281), (304, 24305), (317, 24341), (343, 24407), (392, 24515), (416, 24563), (424, 24575), (448, 24620), (455, 24632), (470, 24662),

Gene: Cuco_8 Start: 5354, Stop: 6163, Start Num: 181
Candidate Starts for Cuco_8:
(Start: 181 @5354 has 57 MA's), (194, 5417), (197, 5426), (213, 5483), (230, 5531), (261, 5612), (322, 5801), (343, 5843), (362, 5900), (380, 5942), (495, 6149),

Gene: Cueylyss_10 Start: 6167, Stop: 7102, Start Num: 87
Candidate Starts for Cueylyss_10:
(Start: 71 @6134 has 225 MA's), (Start: 87 @6167 has 5 MA's), (92, 6185), (Start: 94 @6188 has 1 MA's), (203, 6455), (220, 6506), (223, 6518), (264, 6593), (284, 6656), (289, 6668), (299, 6689), (304, 6701), (309, 6719), (317, 6737), (321, 6761), (343, 6800), (384, 6881), (392, 6905), (393, 6908), (394, 6911), (402, 6920), (470, 7052), (490, 7094),

Gene: Cullens_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Cullens_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Curiosium_32 Start: 26281, Stop: 27129, Start Num: 176
Candidate Starts for Curiosium_32:
(148, 26233), (157, 26254), (Start: 176 @26281 has 165 MA's), (Start: 184 @26293 has 1 MA's), (189, 26320), (190, 26326), (198, 26356), (220, 26425), (238, 26470), (257, 26503), (264, 26521), (295, 26596), (323, 26683), (350, 26746), (364, 26773), (373, 26794), (381, 26818), (393, 26854), (419, 26950), (442, 26986), (455, 27010), (498, 27118),

Gene: D29_12 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for D29_12:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: D32_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for D32_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: DBQu4n_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for DBQu4n_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (357, 7068), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: DD5_11 Start: 6716, Stop: 7684, Start Num: 71
Candidate Starts for DD5_11:

(Start: 71 @6716 has 225 MA's), (Start: 87 @6749 has 5 MA's), (92, 6767), (Start: 94 @6770 has 1 MA's), (203, 7037), (220, 7088), (223, 7100), (264, 7175), (284, 7238), (289, 7250), (299, 7271), (304, 7283), (309, 7301), (317, 7319), (321, 7343), (343, 7382), (384, 7463), (392, 7487), (393, 7490), (394, 7493), (402, 7502), (446, 7589), (490, 7676),

Gene: DHan_28 Start: 26216, Stop: 27187, Start Num: 80
Candidate Starts for DHan_28:
(Start: 80 @26216 has 47 MA's), (99, 26270), (144, 26390), (150, 26405), (156, 26420), (167, 26435), (Start: 184 @26468 has 1 MA's), (190, 26501), (210, 26564), (220, 26591), (228, 26615), (270, 26696), (274, 26708), (289, 26735), (305, 26771), (309, 26786), (313, 26801), (321, 26846), (327, 26861), (364, 26942), (373, 26960), (375, 26963), (376, 26966), (384, 26993), (448, 27062), (465, 27104), (485, 27146),

Gene: DLane_31 Start: 27486, Stop: 28484, Start Num: 55
Candidate Starts for DLane_31:
(Start: 55 @27486 has 35 MA's), (91, 27561), (116, 27621), (124, 27642), (Start: 160 @27726 has 1 MA's), (187, 27777), (189, 27792), (220, 27888), (269, 27999), (277, 28020), (294, 28059), (299, 28071), (317, 28119), (322, 28146), (333, 28170), (343, 28185), (392, 28293), (416, 28341), (455, 28410), (470, 28440),

Gene: DRBy19_31 Start: 27617, Stop: 28618, Start Num: 63
Candidate Starts for DRBy19_31:
(Start: 63 @27617 has 221 MA's), (91, 27692), (Start: 102 @27725 has 1 MA's), (116, 27755), (124, 27776), (138, 27806), (142, 27818), (Start: 160 @27860 has 1 MA's), (Start: 174 @27884 has 20 MA's), (Start: 184 @27899 has 1 MA's), (187, 27911), (220, 28022), (270, 28136), (277, 28154), (294, 28193), (304, 28217), (317, 28253), (343, 28319), (392, 28427), (416, 28475), (424, 28487), (448, 28532), (455, 28544), (470, 28574),

Gene: DTDevon_253 Start: 146534, Stop: 147562, Start Num: 57
Candidate Starts for DTDevon_253:
(Start: 57 @146534 has 189 MA's), (Start: 67 @146564 has 3 MA's), (73, 146576), (91, 146618), (116, 146681), (124, 146702), (Start: 160 @146786 has 1 MA's), (Start: 184 @146828 has 1 MA's), (187, 146840), (189, 146855), (210, 146924), (220, 146951), (244, 147005), (261, 147050), (262, 147053), (288, 147131), (299, 147152), (343, 147263), (386, 147353), (392, 147371), (430, 147443), (448, 147476),

Gene: DaHudson_12 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for DaHudson_12:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: DaWorst_33 Start: 28055, Stop: 29056, Start Num: 63
Candidate Starts for DaWorst_33:
(2, 27434), (4, 27512), (8, 27575), (16, 27614), (24, 27767), (28, 27803), (Start: 63 @28055 has 221 MA's), (Start: 67 @28076 has 3 MA's), (73, 28088), (91, 28130), (116, 28193), (124, 28214), (138, 28244), (Start: 160 @28298 has 1 MA's), (Start: 174 @28322 has 20 MA's), (187, 28349), (220, 28460), (270, 28574), (277, 28592), (294, 28631), (304, 28655), (317, 28691), (322, 28718), (343, 28757), (369, 28805), (392, 28865), (424, 28925), (455, 28982), (470, 29012),

Gene: DaddyRickover_31 Start: 27698, Stop: 28699, Start Num: 63
Candidate Starts for DaddyRickover_31:

(Start: 63 @27698 has 221 MA's), (Start: 67 @27719 has 3 MA's), (91, 27773), (Start: 102 @27806 has 1 MA's), (116, 27836), (124, 27857), (138, 27887), (142, 27899), (Start: 160 @27941 has 1 MA's), (Start: 174 @27965 has 20 MA's), (Start: 184 @27980 has 1 MA's), (187, 27992), (220, 28103), (270, 28217), (277, 28235), (294, 28274), (304, 28298), (317, 28334), (322, 28361), (343, 28400), (369, 28448), (392, 28508), (416, 28556), (424, 28568), (448, 28613), (455, 28625), (470, 28655),

Gene: Dadosky_31 Start: 27159, Stop: 27920, Start Num: 174
Candidate Starts for Dadosky_31:
(148, 27111), (Start: 174 @27159 has 20 MA's), (Start: 184 @27171 has 1 MA's), (186, 27177), (190, 27204), (200, 27240), (218, 27300), (220, 27306), (231, 27336), (233, 27342), (238, 27351), (257, 27384), (269, 27426), (270, 27429), (274, 27441), (295, 27477), (301, 27492), (311, 27528), (350, 27627), (364, 27654), (373, 27675), (419, 27738), (436, 27762), (448, 27786), (473, 27855), (495, 27900), (498, 27909),

Gene: Daenerys_31 Start: 27519, Stop: 28520, Start Num: 63
Candidate Starts for Daenerys_31:
(34, 27357), (Start: 63 @27519 has 221 MA's), (91, 27594), (Start: 102 @27627 has 1 MA's), (116, 27657), (124, 27678), (138, 27708), (142, 27720), (Start: 160 @27762 has 1 MA's), (Start: 174 @27786 has 20 MA's), (Start: 184 @27801 has 1 MA's), (187, 27813), (220, 27924), (270, 28038), (277, 28056), (294, 28095), (304, 28119), (317, 28155), (322, 28182), (343, 28221), (369, 28269), (392, 28329), (416, 28377), (424, 28389), (448, 28434), (455, 28446), (470, 28476),

Gene: Daffodil_258 Start: 144821, Stop: 145849, Start Num: 57
Candidate Starts for Daffodil_258:
(Start: 57 @144821 has 189 MA's), (Start: 67 @144851 has 3 MA's), (73, 144863), (91, 144905), (116, 144968), (124, 144989), (Start: 160 @145073 has 1 MA's), (Start: 184 @145115 has 1 MA's), (187, 145127), (189, 145142), (210, 145211), (220, 145238), (244, 145292), (261, 145337), (262, 145340), (288, 145418), (299, 145439), (343, 145550), (386, 145640), (392, 145658), (430, 145730), (448, 145763),

Gene: Daishi_11 Start: 4878, Stop: 5852, Start Num: 72
Candidate Starts for Daishi_11:
(Start: 72 @4878 has 61 MA's), (Start: 94 @4932 has 1 MA's), (Start: 96 @4935 has 1 MA's), (Start: 166 @5106 has 22 MA's), (189, 5163), (200, 5211), (217, 5259), (220, 5268), (269, 5364), (274, 5379), (282, 5397), (302, 5445), (304, 5448), (309, 5466), (369, 5607), (381, 5634), (392, 5667), (393, 5670), (413, 5709), (419, 5727),

Gene: Daisy_47 Start: 41560, Stop: 42624, Start Num: 52
Candidate Starts for Daisy_47:
(Start: 52 @41560 has 53 MA's), (Start: 77 @41623 has 3 MA's), (110, 41704), (138, 41770), (144, 41785), (147, 41797), (161, 41824), (188, 41881), (190, 41890), (242, 42037), (251, 42052), (269, 42106), (282, 42139), (301, 42178), (305, 42190), (331, 42271), (343, 42289), (344, 42292), (369, 42337), (416, 42448), (475, 42559), (486, 42580), (499, 42613),

Gene: Dallas_51 Start: 42101, Stop: 42973, Start Num: 154
Candidate Starts for Dallas_51:
(Start: 154 @42101 has 32 MA's), (Start: 171 @42128 has 1 MA's), (207, 42257), (220, 42302), (227, 42323), (241, 42344), (261, 42398), (290, 42479), (391, 42758), (392, 42761), (412, 42785), (438, 42821), (445, 42836), (453, 42848), (459, 42869),

Gene: Dalmatian_11 Start: 6522, Stop: 7514, Start Num: 83
Candidate Starts for Dalmatian_11:

(Start: 83 @6522 has 55 MA's), (Start: 96 @6555 has 1 MA's), (Start: 101 @6573 has 1 MA's), (Start: 102 @6576 has 1 MA's), (112, 6609), (119, 6624), (179, 6744), (Start: 184 @6750 has 1 MA's), (189, 6777), (205, 6837), (220, 6882), (278, 7014), (294, 7053), (310, 7101), (338, 7182), (358, 7224), (393, 7311), (411, 7347), (421, 7371), (442, 7413), (448, 7425), (481, 7500),

Gene: Dalmuri_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Dalmuri_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: DanBing_27 Start: 26120, Stop: 27091, Start Num: 80
Candidate Starts for DanBing_27:
(Start: 80 @26120 has 47 MA's), (99, 26174), (144, 26294), (150, 26309), (156, 26324), (167, 26339), (Start: 184 @26372 has 1 MA's), (190, 26405), (210, 26468), (220, 26495), (228, 26519), (270, 26600), (274, 26612), (289, 26639), (305, 26675), (309, 26690), (313, 26705), (321, 26750), (327, 26765), (364, 26846), (373, 26864), (375, 26867), (376, 26870), (384, 26897), (424, 26921), (448, 26966), (465, 27008), (485, 27050),

Gene: DanSyl44_35 Start: 28507, Stop: 29298, Start Num: 162
Candidate Starts for DanSyl44_35:
(Start: 162 @28507 has 23 MA's), (Start: 184 @28540 has 1 MA's), (190, 28573), (196, 28597), (203, 28618), (208, 28627), (214, 28657), (217, 28666), (220, 28675), (233, 28711), (273, 28792), (350, 28999), (364, 29026), (373, 29047), (379, 29062), (381, 29071), (418, 29095), (448, 29149), (455, 29161), (479, 29233),

Gene: Dandelion_258 Start: 147355, Stop: 148383, Start Num: 57
Candidate Starts for Dandelion_258:
(Start: 57 @147355 has 189 MA's), (Start: 67 @147385 has 3 MA's), (73, 147397), (91, 147439), (116, 147502), (124, 147523), (Start: 160 @147607 has 1 MA's), (Start: 184 @147649 has 1 MA's), (187, 147661), (189, 147676), (210, 147745), (220, 147772), (244, 147826), (261, 147871), (262, 147874), (288, 147952), (299, 147973), (343, 148084), (386, 148174), (392, 148192), (430, 148264), (448, 148297),

Gene: Danforth_7 Start: 4852, Stop: 5661, Start Num: 181
Candidate Starts for Danforth_7:
(Start: 181 @4852 has 57 MA's), (202, 4936), (213, 4981), (236, 5041), (260, 5107), (343, 5341), (355, 5380), (362, 5398), (378, 5431), (382, 5449), (416, 5494), (444, 5518), (495, 5647),

Gene: Dante_31 Start: 27637, Stop: 28638, Start Num: 63
Candidate Starts for Dante_31:
(Start: 63 @27637 has 221 MA's), (91, 27712), (Start: 102 @27745 has 1 MA's), (116, 27775), (124, 27796), (Start: 160 @27880 has 1 MA's), (Start: 174 @27904 has 20 MA's), (Start: 184 @27919 has 1 MA's), (187, 27931), (220, 28042), (270, 28156), (277, 28174), (294, 28213), (304, 28237), (317, 28273), (322, 28300), (343, 28339), (392, 28447), (424, 28507), (455, 28564), (470, 28594),

Gene: Darko_252 Start: 144479, Stop: 145507, Start Num: 57
Candidate Starts for Darko_252:
(Start: 57 @144479 has 189 MA's), (Start: 67 @144509 has 3 MA's), (73, 144521), (91, 144563), (116, 144626), (124, 144647), (Start: 160 @144731 has 1 MA's), (Start: 184 @144773 has 1 MA's), (187, 144785), (189, 144800), (210, 144869), (220, 144896), (244, 144950), (261, 144995), (262, 144998), (288, 145076), (299, 145097), (343, 145208), (386, 145298), (392, 145316), (430, 145388), (448,

145421),

Gene: DartGoblin_31 Start: 26358, Stop: 27230, Start Num: 176
Candidate Starts for DartGoblin_31:
(157, 26331), (Start: 176 @26358 has 165 MA's), (Start: 184 @26370 has 1 MA's), (200, 26439), (210, 26466), (217, 26496), (220, 26505), (233, 26541), (238, 26550), (257, 26583), (301, 26691), (350, 26826), (364, 26853), (373, 26874), (381, 26898), (419, 27051), (442, 27087), (455, 27111), (495, 27210), (498, 27219),

Gene: DarthP_30 Start: 26891, Stop: 27631, Start Num: 176
Candidate Starts for DarthP_30:
(40, 26546), (125, 26792), (133, 26813), (148, 26846), (157, 26867), (Start: 176 @26891 has 165 MA's), (Start: 184 @26903 has 1 MA's), (189, 26930), (190, 26936), (217, 27020), (220, 27029), (223, 27041), (238, 27074), (257, 27107), (301, 27215), (309, 27242), (350, 27350), (364, 27377), (373, 27398), (381, 27422), (413, 27434), (416, 27443), (448, 27500), (455, 27512), (495, 27611),

Gene: Dartin_31 Start: 25850, Stop: 26611, Start Num: 176
Candidate Starts for Dartin_31:
(157, 25820), (Start: 176 @25850 has 165 MA's), (190, 25895), (200, 25931), (218, 25991), (220, 25997), (231, 26027), (233, 26033), (238, 26042), (257, 26075), (269, 26117), (295, 26168), (301, 26183), (350, 26318), (364, 26345), (373, 26366), (376, 26372), (381, 26390), (418, 26423), (419, 26429), (448, 26477), (474, 26549), (495, 26591), (498, 26600),

Gene: Datway_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for Datway_10:
(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (220, 6247), (223, 6259), (237, 6289), (251, 6310), (265, 6331), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: DeadP_31 Start: 27683, Stop: 28681, Start Num: 55
Candidate Starts for DeadP_31:
(Start: 55 @27683 has 35 MA's), (91, 27758), (116, 27818), (124, 27839), (Start: 160 @27923 has 1 MA's), (187, 27974), (189, 27989), (220, 28085), (269, 28196), (277, 28217), (294, 28256), (299, 28268), (317, 28316), (322, 28343), (333, 28367), (343, 28382), (392, 28490), (416, 28538), (455, 28607), (470, 28637),

Gene: Deano_10 Start: 5887, Stop: 6867, Start Num: 84
Candidate Starts for Deano_10:
(Start: 84 @5887 has 125 MA's), (Start: 86 @5890 has 14 MA's), (Start: 94 @5914 has 1 MA's), (Start: 101 @5935 has 1 MA's), (Start: 102 @5938 has 1 MA's), (200, 6187), (220, 6244), (237, 6286), (265, 6328), (269, 6349), (280, 6376), (306, 6433), (363, 6583), (411, 6694), (417, 6706), (421, 6718), (456, 6784),

Gene: Deb65_31 Start: 27521, Stop: 28522, Start Num: 63
Candidate Starts for Deb65_31:
(37, 27422), (Start: 63 @27521 has 221 MA's), (Start: 67 @27542 has 3 MA's), (73, 27554), (91, 27596), (116, 27659), (124, 27680), (Start: 160 @27764 has 1 MA's), (Start: 174 @27788 has 20 MA's), (Start: 184 @27803 has 1 MA's), (187, 27815), (220, 27926), (270, 28040), (277, 28058), (294, 28097), (304, 28121), (317, 28157), (322, 28184), (343, 28223), (369, 28271), (392, 28331), (416, 28379), (424, 28391), (448, 28436), (455, 28448),

Gene: Deby_31 Start: 26428, Stop: 27300, Start Num: 176

Candidate Starts for Deby_31:
(44, 26098), (125, 26326), (157, 26401), (Start: 176 @26428 has 165 MA's), (Start: 184 @26440 has 1 MA's), (200, 26509), (210, 26536), (217, 26566), (220, 26575), (233, 26611), (238, 26620), (257, 26653), (264, 26671), (271, 26701), (301, 26761), (350, 26896), (364, 26923), (373, 26944), (381, 26968), (398, 27019), (419, 27121), (442, 27157), (455, 27181), (495, 27280), (498, 27289),

Gene: DeejaClivia_239 Start: 142222, Stop: 143250, Start Num: 57
Candidate Starts for DeejaClivia_239:
(Start: 57 @142222 has 189 MA's), (Start: 67 @142252 has 3 MA's), (91, 142306), (116, 142369), (124, 142390), (Start: 160 @142474 has 1 MA's), (Start: 184 @142516 has 1 MA's), (187, 142528), (189, 142543), (210, 142612), (220, 142639), (244, 142693), (261, 142738), (262, 142741), (288, 142819), (299, 142840), (343, 142951), (386, 143041), (392, 143059), (430, 143131), (448, 143164),

Gene: Deenasa_47 Start: 42295, Stop: 43359, Start Num: 52
Candidate Starts for Deenasa_47:
(Start: 52 @42295 has 53 MA's), (Start: 77 @42358 has 3 MA's), (110, 42439), (138, 42505), (144, 42520), (147, 42532), (161, 42559), (188, 42616), (190, 42625), (242, 42772), (251, 42787), (269, 42841), (282, 42874), (301, 42913), (305, 42925), (331, 43006), (343, 43024), (344, 43027), (369, 43072), (416, 43183), (475, 43294), (486, 43315), (499, 43348),

Gene: DeerParkTS_12 Start: 6449, Stop: 7462, Start Num: 63
Candidate Starts for DeerParkTS_12:
(Start: 63 @6449 has 221 MA's), (Start: 87 @6512 has 5 MA's), (95, 6533), (97, 6542), (110, 6581), (116, 6596), (124, 6617), (Start: 160 @6701 has 1 MA's), (Start: 184 @6737 has 1 MA's), (188, 6761), (190, 6770), (258, 6917), (268, 6962), (294, 7025), (359, 7169), (361, 7175), (392, 7253), (436, 7334), (437, 7337), (444, 7349),

Gene: Delilah_250 Start: 144914, Stop: 145942, Start Num: 57
Candidate Starts for Delilah_250:
(Start: 57 @144914 has 189 MA's), (Start: 67 @144944 has 3 MA's), (73, 144956), (91, 144998), (116, 145061), (124, 145082), (Start: 160 @145166 has 1 MA's), (Start: 184 @145208 has 1 MA's), (187, 145220), (189, 145235), (210, 145304), (220, 145331), (244, 145385), (261, 145430), (262, 145433), (288, 145511), (299, 145532), (343, 145643), (386, 145733), (392, 145751), (430, 145823), (448, 145856),

Gene: Deloris_12 Start: 6865, Stop: 7842, Start Num: 72
Candidate Starts for Deloris_12:
(Start: 72 @6865 has 61 MA's), (Start: 94 @6919 has 1 MA's), (189, 7108), (200, 7156), (220, 7213), (233, 7249), (264, 7297), (274, 7336), (309, 7423), (330, 7486), (348, 7528), (369, 7576), (381, 7603), (386, 7618), (392, 7636), (393, 7639), (413, 7678), (440, 7729), (486, 7828),

Gene: Delylah_254 Start: 145191, Stop: 146219, Start Num: 57
Candidate Starts for Delylah_254:
(Start: 57 @145191 has 189 MA's), (Start: 67 @145221 has 3 MA's), (73, 145233), (91, 145275), (116, 145338), (124, 145359), (Start: 160 @145443 has 1 MA's), (Start: 184 @145485 has 1 MA's), (187, 145497), (189, 145512), (210, 145581), (220, 145608), (244, 145662), (261, 145707), (262, 145710), (288, 145788), (299, 145809), (343, 145920), (386, 146010), (392, 146028), (430, 146100), (448, 146133),

Gene: Demikore_42 Start: 35240, Stop: 36265, Start Num: 55
Candidate Starts for Demikore_42:
(Start: 55 @35240 has 35 MA's), (105, 35345), (116, 35375), (147, 35450), (188, 35534), (190, 35543), (197, 35576), (231, 35669), (269, 35768), (282, 35801), (289, 35816), (299, 35837), (302, 35846),

(331, 35933), (343, 35951), (361, 35981), (369, 35999), (383, 36035), (416, 36110), (423, 36122), (425, 36125), (446, 36164), (475, 36221),

Gene: Demodog_260 Start: 146510, Stop: 147538, Start Num: 57
Candidate Starts for Demodog_260:
(Start: 57 @146510 has 189 MA's), (Start: 67 @146540 has 3 MA's), (73, 146552), (91, 146594), (116, 146657), (124, 146678), (Start: 160 @146762 has 1 MA's), (Start: 184 @146804 has 1 MA's), (187, 146816), (189, 146831), (210, 146900), (220, 146927), (244, 146981), (261, 147026), (262, 147029), (288, 147107), (299, 147128), (343, 147239), (386, 147329), (392, 147347), (430, 147419), (448, 147452),

Gene: Demsculpinboyz_36 Start: 26749, Stop: 27822, Start Num: 63
Candidate Starts for Demsculpinboyz_36:
(Start: 63 @26749 has 221 MA's), (Start: 70 @26776 has 1 MA's), (89, 26806), (123, 26899), (124, 26908), (127, 26917), (151, 26974), (Start: 181 @27019 has 57 MA's), (188, 27052), (190, 27061), (203, 27112), (216, 27154), (222, 27178), (224, 27187), (229, 27199), (242, 27229), (254, 27259), (255, 27262), (269, 27319), (270, 27322), (276, 27337), (281, 27349), (284, 27358), (296, 27382), (305, 27406), (331, 27487), (369, 27562), (418, 27673), (442, 27715), (444, 27718), (446, 27724), (455, 27739), (488, 27805),

Gene: Derek_248 Start: 145172, Stop: 146200, Start Num: 57
Candidate Starts for Derek_248:
(Start: 57 @145172 has 189 MA's), (Start: 67 @145202 has 3 MA's), (73, 145214), (91, 145256), (116, 145319), (124, 145340), (Start: 160 @145424 has 1 MA's), (Start: 184 @145466 has 1 MA's), (187, 145478), (189, 145493), (210, 145562), (220, 145589), (244, 145643), (261, 145688), (262, 145691), (288, 145769), (299, 145790), (343, 145901), (386, 145991), (392, 146009), (430, 146081), (448, 146114),

Gene: Dessert_253 Start: 144171, Stop: 145199, Start Num: 57
Candidate Starts for Dessert_253:
(Start: 57 @144171 has 189 MA's), (Start: 67 @144201 has 3 MA's), (73, 144213), (91, 144255), (116, 144318), (124, 144339), (Start: 160 @144423 has 1 MA's), (Start: 184 @144465 has 1 MA's), (187, 144477), (189, 144492), (210, 144561), (220, 144588), (244, 144642), (261, 144687), (262, 144690), (288, 144768), (299, 144789), (343, 144900), (386, 144990), (392, 145008), (430, 145080), (448, 145113),

Gene: Devera_31 Start: 26468, Stop: 27340, Start Num: 176
Candidate Starts for Devera_31:
(157, 26441), (Start: 176 @26468 has 165 MA's), (Start: 184 @26480 has 1 MA's), (200, 26549), (210, 26576), (217, 26606), (220, 26615), (233, 26651), (238, 26660), (257, 26693), (264, 26711), (301, 26801), (350, 26936), (364, 26963), (373, 26984), (381, 27008), (407, 27110), (419, 27161), (442, 27197), (455, 27221), (495, 27320), (498, 27329),

Gene: Devonte_47 Start: 41524, Stop: 42588, Start Num: 52
Candidate Starts for Devonte_47:
(Start: 52 @41524 has 53 MA's), (Start: 77 @41587 has 3 MA's), (110, 41668), (138, 41734), (144, 41749), (147, 41761), (161, 41788), (188, 41845), (190, 41854), (242, 42001), (251, 42016), (269, 42070), (282, 42103), (301, 42142), (305, 42154), (331, 42235), (343, 42253), (344, 42256), (369, 42301), (416, 42412), (475, 42523), (486, 42544), (499, 42577),

Gene: Dexes_11 Start: 6621, Stop: 7589, Start Num: 71
Candidate Starts for Dexes_11:

(Start: 71 @6621 has 225 MA's), (Start: 87 @6654 has 5 MA's), (92, 6672), (Start: 94 @6675 has 1 MA's), (203, 6942), (220, 6993), (223, 7005), (264, 7080), (284, 7143), (299, 7176), (304, 7188), (309, 7206), (317, 7224), (321, 7248), (343, 7287), (384, 7368), (392, 7392), (393, 7395), (394, 7398), (402, 7407), (446, 7494), (470, 7539), (490, 7581),

Gene: Dhanush_10 Start: 5884, Stop: 6864, Start Num: 84
Candidate Starts for Dhanush_10:
(Start: 84 @5884 has 125 MA's), (Start: 86 @5887 has 14 MA's), (Start: 94 @5911 has 1 MA's), (Start: 101 @5932 has 1 MA's), (Start: 102 @5935 has 1 MA's), (200, 6184), (220, 6241), (265, 6325), (269, 6346), (280, 6373), (296, 6403), (306, 6430), (363, 6580), (411, 6691), (417, 6703), (421, 6715), (456, 6781),

Gene: Dieselweasel_12 Start: 5963, Stop: 6928, Start Num: 65
Candidate Starts for Dieselweasel_12:
(Start: 65 @5963 has 101 MA's), (88, 6008), (Start: 94 @6029 has 1 MA's), (139, 6149), (200, 6287), (220, 6344), (225, 6359), (269, 6440), (274, 6455), (282, 6473), (304, 6524), (309, 6542), (322, 6587), (369, 6683), (393, 6746), (413, 6785), (440, 6836),

Gene: Dietrick_241 Start: 143035, Stop: 144063, Start Num: 57
Candidate Starts for Dietrick_241:
(Start: 57 @143035 has 189 MA's), (Start: 67 @143065 has 3 MA's), (73, 143077), (91, 143119), (116, 143182), (124, 143203), (Start: 160 @143287 has 1 MA's), (Start: 184 @143329 has 1 MA's), (187, 143341), (189, 143356), (210, 143425), (220, 143452), (244, 143506), (261, 143551), (262, 143554), (288, 143632), (299, 143653), (343, 143764), (386, 143854), (392, 143872), (430, 143944), (448, 143977),

Gene: Dignity_13 Start: 6817, Stop: 7809, Start Num: 83
Candidate Starts for Dignity_13:
(Start: 83 @6817 has 55 MA's), (Start: 101 @6868 has 1 MA's), (Start: 102 @6871 has 1 MA's), (179, 7039), (Start: 184 @7045 has 1 MA's), (189, 7072), (205, 7132), (220, 7177), (264, 7264), (278, 7309), (294, 7348), (310, 7396), (318, 7411), (338, 7477), (358, 7519), (393, 7606), (448, 7720),

Gene: DillTech15_31 Start: 27607, Stop: 28608, Start Num: 63
Candidate Starts for DillTech15_31:
(Start: 63 @27607 has 221 MA's), (Start: 67 @27628 has 3 MA's), (91, 27682), (Start: 102 @27715 has 1 MA's), (116, 27745), (124, 27766), (Start: 160 @27850 has 1 MA's), (Start: 174 @27874 has 20 MA's), (187, 27901), (189, 27916), (220, 28012), (270, 28126), (277, 28144), (294, 28183), (304, 28207), (317, 28243), (322, 28270), (343, 28309), (369, 28357), (392, 28417), (424, 28477), (446, 28519), (448, 28522), (455, 28534), (470, 28564),

Gene: Diminimus_39 Start: 31793, Stop: 32764, Start Num: 85
Candidate Starts for Diminimus_39:
(Start: 85 @31793 has 15 MA's), (Start: 94 @31817 has 1 MA's), (98, 31832), (152, 31970), (Start: 171 @31997 has 1 MA's), (179, 32015), (185, 32027), (187, 32036), (196, 32081), (200, 32093), (210, 32120), (220, 32147), (223, 32159), (244, 32204), (262, 32231), (270, 32261), (273, 32270), (274, 32273), (313, 32360), (320, 32375), (384, 32528), (385, 32531), (410, 32591), (416, 32603), (419, 32612), (442, 32648), (450, 32663), (466, 32702), (482, 32735),

Gene: DirkDirk_26 Start: 25530, Stop: 26561, Start Num: 64
Candidate Starts for DirkDirk_26:
(Start: 64 @25530 has 22 MA's), (122, 25686), (129, 25710), (135, 25722), (143, 25740), (150, 25758), (158, 25776), (Start: 163 @25782 has 3 MA's), (169, 25791), (Start: 176 @25806 has 165 MA's), (185, 25821), (192, 25869), (200, 25893), (220, 25950), (235, 25989), (271, 26067), (274, 26076), (276,

26079), (282, 26094), (302, 26148), (309, 26169), (313, 26184), (356, 26268), (369, 26298), (393, 26367), (402, 26379), (413, 26403), (419, 26421), (424, 26424), (430, 26436), (432, 26439), (448, 26469), (455, 26481),

Gene: DirtDevil_11 Start: 6577, Stop: 7539, Start Num: 71
Candidate Starts for DirtDevil_11:
(Start: 71 @6577 has 225 MA's), (Start: 87 @6610 has 5 MA's), (92, 6628), (Start: 94 @6631 has 1 MA's), (203, 6898), (220, 6943), (265, 7033), (294, 7114), (299, 7126), (304, 7138), (309, 7156), (317, 7174), (321, 7198), (343, 7237), (384, 7318), (392, 7342), (393, 7345), (394, 7348), (402, 7357), (446, 7444), (470, 7489), (490, 7531),

Gene: DirtMcgirt_32 Start: 27342, Stop: 28343, Start Num: 63
Candidate Starts for DirtMcgirt_32:
(Start: 63 @27342 has 221 MA's), (91, 27417), (Start: 102 @27450 has 1 MA's), (116, 27480), (124, 27501), (138, 27531), (142, 27543), (Start: 160 @27585 has 1 MA's), (Start: 174 @27609 has 20 MA's), (Start: 184 @27624 has 1 MA's), (187, 27636), (220, 27747), (270, 27861), (277, 27879), (294, 27918), (304, 27942), (317, 27978), (322, 28005), (343, 28044), (392, 28152), (416, 28200), (424, 28212), (446, 28254), (448, 28257), (455, 28269), (470, 28299),

Gene: DirtMonster_241 Start: 143767, Stop: 144795, Start Num: 57
Candidate Starts for DirtMonster_241:
(Start: 57 @143767 has 189 MA's), (Start: 67 @143797 has 3 MA's), (73, 143809), (91, 143851), (116, 143914), (124, 143935), (Start: 160 @144019 has 1 MA's), (Start: 184 @144061 has 1 MA's), (187, 144073), (189, 144088), (210, 144157), (220, 144184), (244, 144238), (261, 144283), (262, 144286), (288, 144364), (299, 144385), (343, 144496), (386, 144586), (392, 144604), (430, 144676), (448, 144709),

Gene: DirtyDunning_10 Start: 5877, Stop: 6857, Start Num: 84
Candidate Starts for DirtyDunning_10:
(Start: 84 @5877 has 125 MA's), (Start: 94 @5904 has 1 MA's), (Start: 101 @5925 has 1 MA's), (Start: 102 @5928 has 1 MA's), (178, 6093), (200, 6177), (220, 6234), (223, 6246), (251, 6297), (265, 6318), (269, 6339), (280, 6366), (294, 6393), (306, 6423), (363, 6573), (417, 6696), (421, 6708), (456, 6774),

Gene: Discoknowium_8 Start: 5463, Stop: 6272, Start Num: 181
Candidate Starts for Discoknowium_8:
(Start: 181 @5463 has 57 MA's), (194, 5526), (197, 5535), (203, 5556), (213, 5592), (230, 5640), (256, 5697), (261, 5721), (322, 5910), (343, 5952), (362, 6009), (495, 6258),

Gene: Dixon_8 Start: 4871, Stop: 5680, Start Num: 181
Candidate Starts for Dixon_8:
(Start: 181 @4871 has 57 MA's), (202, 4955), (213, 5000), (236, 5060), (260, 5126), (343, 5360), (349, 5378), (355, 5399), (362, 5417), (378, 5450), (382, 5468), (416, 5513), (444, 5537), (495, 5666),

Gene: DmpstrDiver_50 Start: 42106, Stop: 42978, Start Num: 154
Candidate Starts for DmpstrDiver_50:
(Start: 154 @42106 has 32 MA's), (Start: 171 @42133 has 1 MA's), (189, 42193), (201, 42241), (220, 42307), (227, 42328), (241, 42349), (261, 42403), (290, 42484), (391, 42763), (392, 42766), (412, 42790), (438, 42826), (445, 42841), (453, 42853), (459, 42874),

Gene: DoRead_32 Start: 27751, Stop: 28752, Start Num: 63
Candidate Starts for DoRead_32:
(37, 27652), (Start: 63 @27751 has 221 MA's), (Start: 67 @27772 has 3 MA's), (73, 27784), (91, 27826), (Start: 102 @27859 has 1 MA's), (116, 27889), (124, 27910), (Start: 160 @27994 has 1 MA's),

(Start: 174 @28018 has 20 MA's), (Start: 184 @28033 has 1 MA's), (187, 28045), (220, 28156), (270, 28270), (277, 28288), (294, 28327), (304, 28351), (317, 28387), (322, 28414), (343, 28453), (392, 28561), (416, 28609), (424, 28621), (455, 28678), (470, 28708),

Gene: DocMcStuffins_33 Start: 28140, Stop: 29141, Start Num: 63
Candidate Starts for DocMcStuffins_33:
(28, 27879), (37, 28041), (Start: 63 @28140 has 221 MA's), (91, 28215), (116, 28278), (124, 28299), (Start: 160 @28383 has 1 MA's), (Start: 174 @28407 has 20 MA's), (Start: 184 @28422 has 1 MA's), (187, 28434), (220, 28545), (270, 28659), (277, 28677), (294, 28716), (304, 28740), (317, 28776), (322, 28803), (343, 28842), (392, 28950), (416, 28998), (424, 29010), (455, 29067), (470, 29097),

Gene: Dole_31 Start: 26470, Stop: 27342, Start Num: 176
Candidate Starts for Dole_31:
(157, 26443), (Start: 176 @26470 has 165 MA's), (Start: 184 @26482 has 1 MA's), (200, 26551), (210, 26578), (217, 26608), (220, 26617), (233, 26653), (238, 26662), (257, 26695), (264, 26713), (301, 26803), (350, 26938), (364, 26965), (373, 26986), (381, 27010), (407, 27112), (419, 27163), (442, 27199), (455, 27223), (495, 27322), (498, 27331),

Gene: Domi_246 Start: 144374, Stop: 145402, Start Num: 57
Candidate Starts for Domi_246:
(Start: 57 @144374 has 189 MA's), (Start: 67 @144404 has 3 MA's), (73, 144416), (91, 144458), (116, 144521), (124, 144542), (Start: 160 @144626 has 1 MA's), (Start: 184 @144668 has 1 MA's), (187, 144680), (189, 144695), (210, 144764), (220, 144791), (244, 144845), (261, 144890), (262, 144893), (288, 144971), (299, 144992), (343, 145103), (386, 145193), (392, 145211), (430, 145283), (448, 145316),

Gene: Donkeykong_31 Start: 27705, Stop: 28706, Start Num: 63
Candidate Starts for Donkeykong_31:
(Start: 63 @27705 has 221 MA's), (91, 27780), (Start: 102 @27813 has 1 MA's), (116, 27843), (124, 27864), (Start: 160 @27948 has 1 MA's), (187, 27999), (189, 28014), (220, 28110), (269, 28221), (277, 28242), (294, 28281), (299, 28293), (317, 28341), (322, 28368), (333, 28392), (343, 28407), (392, 28515), (416, 28563), (455, 28632), (470, 28662),

Gene: DontArgue_9 Start: 3947, Stop: 4915, Start Num: 72
Candidate Starts for DontArgue_9:
(Start: 72 @3947 has 61 MA's), (78, 3959), (88, 3980), (Start: 94 @4001 has 1 MA's), (Start: 96 @4004 has 1 MA's), (139, 4121), (Start: 160 @4166 has 1 MA's), (Start: 163 @4169 has 3 MA's), (185, 4187), (220, 4316), (225, 4331), (233, 4352), (269, 4424), (274, 4439), (282, 4457), (309, 4526), (330, 4589), (369, 4667), (381, 4694), (386, 4709), (393, 4730), (413, 4769), (440, 4820), (460, 4862),

Gene: Doom_10 Start: 6259, Stop: 7227, Start Num: 71
Candidate Starts for Doom_10:
(Start: 71 @6259 has 225 MA's), (Start: 87 @6292 has 5 MA's), (92, 6310), (Start: 94 @6313 has 1 MA's), (203, 6580), (220, 6631), (223, 6643), (264, 6718), (284, 6781), (289, 6793), (299, 6814), (304, 6826), (309, 6844), (317, 6862), (321, 6886), (343, 6925), (384, 7006), (392, 7030), (393, 7033), (394, 7036), (402, 7045), (446, 7132), (470, 7177), (490, 7219),

Gene: Doomphist_31 Start: 27641, Stop: 28642, Start Num: 63
Candidate Starts for Doomphist_31:
(34, 27479), (Start: 63 @27641 has 221 MA's), (91, 27716), (Start: 102 @27749 has 1 MA's), (116, 27779), (124, 27800), (138, 27830), (142, 27842), (Start: 160 @27884 has 1 MA's), (Start: 174 @27908 has 20 MA's), (Start: 184 @27923 has 1 MA's), (187, 27935), (220, 28046), (270, 28160), (277, 28178), (294, 28217), (304, 28241), (317, 28277), (322, 28304), (343, 28343), (369, 28391),

(392, 28451), (416, 28499), (424, 28511), (448, 28556), (455, 28568), (470, 28598),

Gene: Doomslug_34 Start: 27357, Stop: 28355, Start Num: 55
Candidate Starts for Doomslug_34:
(Start: 55 @27357 has 35 MA's), (91, 27432), (116, 27492), (124, 27513), (Start: 160 @27597 has 1 MA's), (187, 27648), (189, 27663), (220, 27759), (264, 27846), (269, 27870), (277, 27891), (294, 27930), (299, 27942), (317, 27990), (322, 28017), (333, 28041), (343, 28056), (392, 28164), (416, 28212), (455, 28281), (470, 28311),

Gene: Dorothy_31 Start: 27483, Stop: 28484, Start Num: 63
Candidate Starts for Dorothy_31:
(Start: 63 @27483 has 221 MA's), (Start: 67 @27504 has 3 MA's), (91, 27558), (Start: 102 @27591 has 1 MA's), (116, 27621), (124, 27642), (138, 27672), (142, 27684), (Start: 160 @27726 has 1 MA's), (Start: 174 @27750 has 20 MA's), (Start: 184 @27765 has 1 MA's), (187, 27777), (220, 27888), (270, 28002), (277, 28020), (294, 28059), (304, 28083), (317, 28119), (322, 28146), (343, 28185), (369, 28233), (392, 28293), (416, 28341), (424, 28353), (448, 28398), (455, 28410), (470, 28440),

Gene: DosHalletts_33 Start: 27903, Stop: 28904, Start Num: 63
Candidate Starts for DosHalletts_33:
(Start: 63 @27903 has 221 MA's), (91, 27978), (Start: 102 @28011 has 1 MA's), (116, 28041), (124, 28062), (138, 28092), (142, 28104), (Start: 160 @28146 has 1 MA's), (Start: 174 @28170 has 20 MA's), (Start: 184 @28185 has 1 MA's), (187, 28197), (220, 28308), (262, 28392), (270, 28422), (277, 28440), (294, 28479), (304, 28503), (317, 28539), (322, 28566), (343, 28605), (369, 28653), (392, 28713), (416, 28761), (424, 28773), (448, 28818), (455, 28830), (470, 28860),

Gene: DotProduct_31 Start: 27508, Stop: 28509, Start Num: 63
Candidate Starts for DotProduct_31:
(Start: 63 @27508 has 221 MA's), (91, 27583), (Start: 102 @27616 has 1 MA's), (116, 27646), (124, 27667), (Start: 160 @27751 has 1 MA's), (Start: 174 @27775 has 20 MA's), (Start: 184 @27790 has 1 MA's), (187, 27802), (220, 27913), (270, 28027), (277, 28045), (294, 28084), (304, 28108), (317, 28144), (322, 28171), (343, 28210), (369, 28258), (392, 28318), (424, 28378), (446, 28420), (448, 28423), (455, 28435), (470, 28465),

Gene: DoubleChamp_30 Start: 27200, Stop: 27949, Start Num: 184
Candidate Starts for DoubleChamp_30:
(148, 27140), (Start: 174 @27188 has 20 MA's), (Start: 184 @27200 has 1 MA's), (185, 27203), (186, 27206), (190, 27233), (200, 27269), (218, 27329), (220, 27335), (231, 27365), (233, 27371), (238, 27380), (257, 27413), (269, 27455), (270, 27458), (274, 27470), (295, 27506), (301, 27521), (311, 27557), (350, 27656), (364, 27683), (373, 27704), (419, 27767), (436, 27791), (448, 27815), (473, 27884), (495, 27929), (498, 27938),

Gene: Doug_32 Start: 28084, Stop: 29085, Start Num: 63
Candidate Starts for Doug_32:
(Start: 63 @28084 has 221 MA's), (91, 28159), (Start: 102 @28192 has 1 MA's), (116, 28222), (124, 28243), (Start: 160 @28327 has 1 MA's), (Start: 174 @28351 has 20 MA's), (Start: 184 @28366 has 1 MA's), (187, 28378), (220, 28489), (270, 28603), (277, 28621), (294, 28660), (304, 28684), (317, 28720), (322, 28747), (343, 28786), (392, 28894), (416, 28942), (455, 29011), (470, 29041),

Gene: Dove_46 Start: 41631, Stop: 42497, Start Num: 154
Candidate Starts for Dove_46:
(Start: 154 @41631 has 32 MA's), (Start: 171 @41658 has 1 MA's), (201, 41766), (207, 41787), (220, 41832), (227, 41853), (241, 41874), (261, 41928), (277, 41979), (298, 42030), (351, 42180), (366, 42222), (385, 42273), (392, 42291), (441, 42357), (447, 42369), (453, 42378), (462, 42408), (489,

42471),

Gene: DrFeelGood_9 Start: 5783, Stop: 6751, Start Num: 71
Candidate Starts for DrFeelGood_9:
(Start: 71 @5783 has 225 MA's), (Start: 87 @5816 has 5 MA's), (92, 5834), (Start: 94 @5837 has 1 MA's), (203, 6104), (220, 6155), (223, 6167), (264, 6242), (284, 6305), (299, 6338), (304, 6350), (309, 6368), (317, 6386), (321, 6410), (343, 6449), (384, 6530), (392, 6554), (393, 6557), (394, 6560), (402, 6569), (446, 6656), (470, 6701), (490, 6743),

Gene: DrHayes_31 Start: 26382, Stop: 27254, Start Num: 176
Candidate Starts for DrHayes_31:
(125, 26280), (157, 26355), (Start: 176 @26382 has 165 MA's), (Start: 184 @26394 has 1 MA's), (200, 26463), (210, 26490), (217, 26520), (220, 26529), (233, 26565), (238, 26574), (257, 26607), (264, 26625), (301, 26715), (350, 26850), (364, 26877), (373, 26898), (381, 26922), (398, 26973), (419, 27075), (442, 27111), (455, 27135), (495, 27234), (498, 27243),

Gene: DrPhinkDaddy_249 Start: 145599, Stop: 146627, Start Num: 57
Candidate Starts for DrPhinkDaddy_249:
(Start: 57 @145599 has 189 MA's), (Start: 67 @145629 has 3 MA's), (73, 145641), (91, 145683), (116, 145746), (124, 145767), (Start: 160 @145851 has 1 MA's), (Start: 184 @145893 has 1 MA's), (187, 145905), (189, 145920), (210, 145989), (220, 146016), (244, 146070), (261, 146115), (262, 146118), (288, 146196), (299, 146217), (343, 146328), (386, 146418), (392, 146436), (430, 146508), (448, 146541),

Gene: DrSeegs_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for DrSeegs_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Drago_32 Start: 27335, Stop: 28336, Start Num: 63
Candidate Starts for Drago_32:
(28, 27083), (37, 27236), (Start: 63 @27335 has 221 MA's), (Start: 67 @27356 has 3 MA's), (73, 27368), (91, 27410), (116, 27473), (124, 27494), (138, 27524), (Start: 160 @27578 has 1 MA's), (Start: 174 @27602 has 20 MA's), (187, 27629), (220, 27740), (270, 27854), (277, 27872), (294, 27911), (304, 27935), (317, 27971), (322, 27998), (343, 28037), (369, 28085), (392, 28145), (424, 28205), (455, 28262), (470, 28292),

Gene: Drake55_13 Start: 6940, Stop: 7917, Start Num: 72
Candidate Starts for Drake55_13:
(Start: 72 @6940 has 61 MA's), (Start: 94 @6994 has 1 MA's), (119, 7051), (189, 7183), (200, 7231), (220, 7288), (233, 7324), (264, 7372), (274, 7411), (305, 7483), (309, 7498), (322, 7543), (330, 7561), (348, 7603), (369, 7651), (381, 7678), (386, 7693), (392, 7711), (393, 7714), (440, 7804),

Gene: Drake94_9 Start: 3773, Stop: 4747, Start Num: 72
Candidate Starts for Drake94_9:
(59, 3734), (Start: 72 @3773 has 61 MA's), (88, 3806), (Start: 94 @3827 has 1 MA's), (Start: 166 @3995 has 22 MA's), (187, 4037), (189, 4052), (220, 4157), (264, 4229), (270, 4256), (271, 4259), (274, 4268), (309, 4355), (369, 4502), (393, 4565), (413, 4604), (436, 4646),

Gene: Drazdys_249 Start: 145179, Stop: 146207, Start Num: 57

Candidate Starts for Drazdys_249:
(Start: 57 @145179 has 189 MA's), (Start: 67 @145209 has 3 MA's), (73, 145221), (91, 145263), (116, 145326), (124, 145347), (Start: 160 @145431 has 1 MA's), (Start: 184 @145473 has 1 MA's), (187, 145485), (189, 145500), (210, 145569), (220, 145596), (244, 145650), (261, 145695), (262, 145698), (288, 145776), (299, 145797), (343, 145908), (386, 145998), (392, 146016), (430, 146088), (448, 146121),

Gene: DreamCatcher_11 Start: 6375, Stop: 7343, Start Num: 71
Candidate Starts for DreamCatcher_11:
(Start: 71 @6375 has 225 MA's), (Start: 87 @6408 has 5 MA's), (92, 6426), (Start: 94 @6429 has 1 MA's), (203, 6696), (220, 6747), (223, 6759), (264, 6834), (299, 6930), (309, 6960), (343, 7041), (384, 7122), (392, 7146), (393, 7149), (394, 7152), (402, 7161), (446, 7248), (490, 7335),

Gene: Dreamboat_11 Start: 5911, Stop: 6879, Start Num: 71
Candidate Starts for Dreamboat_11:
(Start: 71 @5911 has 225 MA's), (Start: 87 @5944 has 5 MA's), (92, 5962), (Start: 94 @5965 has 1 MA's), (Start: 184 @6154 has 1 MA's), (203, 6232), (220, 6283), (223, 6295), (264, 6370), (284, 6433), (299, 6466), (304, 6478), (309, 6496), (317, 6514), (321, 6538), (343, 6577), (384, 6658), (392, 6682), (393, 6685), (394, 6688), (402, 6697), (446, 6784), (470, 6829), (490, 6871),

Gene: DroogsArmy_11 Start: 7064, Stop: 8041, Start Num: 72
Candidate Starts for DroogsArmy_11:
(Start: 72 @7064 has 61 MA's), (Start: 94 @7118 has 1 MA's), (111, 7172), (124, 7205), (189, 7337), (220, 7442), (264, 7514), (270, 7541), (274, 7553), (282, 7571), (309, 7640), (330, 7703), (369, 7781), (381, 7808), (392, 7841), (393, 7844), (416, 7892), (440, 7934), (454, 7958), (471, 8000),

Gene: DropBear_10 Start: 5799, Stop: 6539, Start Num: 166
Candidate Starts for DropBear_10:
(Start: 166 @5799 has 22 MA's), (200, 5886), (220, 5943), (223, 5955), (225, 5958), (235, 5982), (249, 5997), (261, 6015), (269, 6045), (271, 6051), (274, 6060), (282, 6078), (304, 6129), (309, 6147), (334, 6219), (357, 6261), (369, 6288), (381, 6315), (392, 6348), (393, 6351), (413, 6390), (492, 6531),

Gene: Druantia_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Druantia_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Dublin_7 Start: 5322, Stop: 6131, Start Num: 181
Candidate Starts for Dublin_7:
(Start: 181 @5322 has 57 MA's), (194, 5385), (197, 5394), (213, 5451), (230, 5499), (322, 5769), (343, 5811), (362, 5868), (380, 5910), (495, 6117),

Gene: Duckfeet_246 Start: 143976, Stop: 145004, Start Num: 57
Candidate Starts for Duckfeet_246:
(Start: 57 @143976 has 189 MA's), (Start: 67 @144006 has 3 MA's), (91, 144060), (116, 144123), (124, 144144), (Start: 160 @144228 has 1 MA's), (Start: 184 @144270 has 1 MA's), (187, 144282), (189, 144297), (210, 144366), (220, 144393), (244, 144447), (261, 144492), (262, 144495), (288, 144573), (299, 144594), (343, 144705), (386, 144795), (392, 144813), (430, 144885), (448, 144918),

Gene: DudeLittle_11 Start: 6524, Stop: 7516, Start Num: 83
Candidate Starts for DudeLittle_11:

(Start: 83 @6524 has 55 MA's), (Start: 96 @6557 has 1 MA's), (Start: 101 @6575 has 1 MA's), (Start: 102 @6578 has 1 MA's), (112, 6611), (119, 6626), (Start: 162 @6713 has 23 MA's), (179, 6746), (Start: 184 @6752 has 1 MA's), (189, 6779), (205, 6839), (220, 6884), (278, 7016), (294, 7055), (310, 7103), (338, 7184), (358, 7226), (393, 7313), (411, 7349), (421, 7373), (442, 7415), (448, 7427), (481, 7502),

Gene: Duke13_52 Start: 42424, Stop: 43296, Start Num: 154
Candidate Starts for Duke13_52:
(Start: 154 @42424 has 32 MA's), (Start: 171 @42451 has 1 MA's), (189, 42511), (201, 42559), (220, 42625), (227, 42646), (241, 42667), (261, 42721), (290, 42802), (391, 43081), (392, 43084), (412, 43108), (438, 43144), (445, 43159), (453, 43171), (459, 43192),

Gene: Dulcie_9 Start: 5658, Stop: 6626, Start Num: 71
Candidate Starts for Dulcie_9:
(Start: 71 @5658 has 225 MA's), (Start: 87 @5691 has 5 MA's), (92, 5709), (Start: 94 @5712 has 1 MA's), (203, 5979), (220, 6030), (223, 6042), (264, 6117), (299, 6213), (304, 6225), (309, 6243), (317, 6261), (321, 6285), (343, 6324), (384, 6405), (392, 6429), (393, 6432), (394, 6435), (402, 6444), (470, 6576), (490, 6618),

Gene: Dulcita_39 Start: 31793, Stop: 32764, Start Num: 85
Candidate Starts for Dulcita_39:
(Start: 85 @31793 has 15 MA's), (Start: 94 @31817 has 1 MA's), (98, 31832), (152, 31970), (Start: 171 @31997 has 1 MA's), (179, 32015), (185, 32027), (187, 32036), (196, 32081), (200, 32093), (210, 32120), (220, 32147), (223, 32159), (244, 32204), (262, 32231), (270, 32261), (273, 32270), (274, 32273), (313, 32360), (320, 32375), (384, 32528), (385, 32531), (410, 32591), (416, 32603), (419, 32612), (442, 32648), (450, 32663), (466, 32702), (482, 32735),

Gene: DuncansLeg_28 Start: 26834, Stop: 27877, Start Num: 80
Candidate Starts for DuncansLeg_28:
(Start: 80 @26834 has 47 MA's), (Start: 83 @26840 has 55 MA's), (92, 26867), (99, 26888), (115, 26939), (149, 27020), (191, 27125), (220, 27212), (237, 27254), (267, 27308), (272, 27326), (274, 27332), (277, 27338), (309, 27410), (325, 27467), (353, 27527), (385, 27602), (410, 27647), (418, 27662), (419, 27668), (455, 27731), (495, 27833), (501, 27854), (502, 27860),

Gene: Duplo_14 Start: 6638, Stop: 7402, Start Num: 176
Candidate Starts for Duplo_14:
(Start: 176 @6638 has 165 MA's), (220, 6782), (264, 6869), (270, 6896), (274, 6908), (309, 6995), (357, 7109), (369, 7136), (392, 7196), (393, 7199), (410, 7235), (440, 7289), (460, 7337),

Gene: Durfee_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Durfee_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Dussy_11 Start: 6019, Stop: 6987, Start Num: 71
Candidate Starts for Dussy_11:
(Start: 71 @6019 has 225 MA's), (Start: 87 @6052 has 5 MA's), (92, 6070), (Start: 94 @6073 has 1 MA's), (203, 6340), (220, 6391), (223, 6403), (264, 6478), (284, 6541), (289, 6553), (299, 6574), (304, 6586), (309, 6604), (317, 6622), (321, 6646), (343, 6685), (384, 6766), (392, 6790), (393, 6793), (394, 6796), (402, 6805), (446, 6892), (470, 6937), (490, 6979),

Gene: DustyMartin_13 Start: 5759, Stop: 6733, Start Num: 72
Candidate Starts for DustyMartin_13:
(Start: 72 @5759 has 61 MA's), (Start: 94 @5813 has 1 MA's), (109, 5861), (155, 5966), (220, 6128), (225, 6143), (233, 6164), (269, 6236), (274, 6251), (304, 6320), (309, 6338), (322, 6383), (330, 6401), (369, 6479), (381, 6506), (386, 6521), (393, 6542), (413, 6581), (440, 6632), (460, 6674), (492, 6725),

Gene: Dylan_67 Start: 43515, Stop: 44555, Start Num: 62
Candidate Starts for Dylan_67:
(Start: 62 @43515 has 32 MA's), (91, 43590), (116, 43671), (119, 43677), (124, 43692), (158, 43773), (Start: 160 @43776 has 1 MA's), (187, 43830), (189, 43845), (220, 43941), (235, 43980), (248, 44010), (261, 44040), (262, 44043), (271, 44076), (299, 44142), (311, 44181), (317, 44190), (322, 44217), (343, 44256), (428, 44430), (455, 44481),

Gene: Dynamix_10 Start: 5732, Stop: 6700, Start Num: 71
Candidate Starts for Dynamix_10:
(Start: 71 @5732 has 225 MA's), (Start: 87 @5765 has 5 MA's), (92, 5783), (Start: 94 @5786 has 1 MA's), (203, 6053), (220, 6104), (223, 6116), (264, 6191), (284, 6254), (299, 6287), (304, 6299), (309, 6317), (317, 6335), (321, 6359), (343, 6398), (384, 6479), (392, 6503), (393, 6506), (394, 6509), (402, 6518), (446, 6605), (490, 6692),

Gene: DyoEdafos_27 Start: 25472, Stop: 26494, Start Num: 64
Candidate Starts for DyoEdafos_27:
(Start: 64 @25472 has 22 MA's), (104, 25583), (106, 25586), (114, 25616), (117, 25622), (122, 25628), (143, 25682), (Start: 166 @25730 has 22 MA's), (Start: 176 @25748 has 165 MA's), (185, 25763), (190, 25793), (200, 25835), (220, 25892), (270, 26006), (274, 26018), (309, 26111), (341, 26192), (369, 26240), (377, 26258), (393, 26303), (402, 26315), (440, 26390), (455, 26417),

Gene: ET08_238 Start: 143503, Stop: 144531, Start Num: 57
Candidate Starts for ET08_238:
(Start: 57 @143503 has 189 MA's), (Start: 67 @143533 has 3 MA's), (91, 143587), (116, 143650), (124, 143671), (Start: 160 @143755 has 1 MA's), (Start: 184 @143797 has 1 MA's), (187, 143809), (189, 143824), (210, 143893), (220, 143920), (244, 143974), (261, 144019), (262, 144022), (288, 144100), (299, 144121), (343, 144232), (386, 144322), (392, 144340), (430, 144412), (448, 144445),

Gene: EZMoney23_15 Start: 8407, Stop: 9384, Start Num: 72
Candidate Starts for EZMoney23_15:
(Start: 72 @8407 has 61 MA's), (Start: 94 @8461 has 1 MA's), (107, 8500), (189, 8650), (200, 8698), (220, 8755), (233, 8791), (264, 8839), (274, 8878), (304, 8947), (305, 8950), (309, 8965), (322, 9010), (330, 9028), (348, 9070), (369, 9118), (381, 9145), (386, 9160), (392, 9178), (393, 9181), (440, 9271),

Gene: Eagle_9 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Eagle_9:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Eaglepride_11 Start: 5708, Stop: 6676, Start Num: 72
Candidate Starts for Eaglepride_11:
(60, 5669), (Start: 72 @5708 has 61 MA's), (78, 5720), (88, 5741), (Start: 94 @5762 has 1 MA's), (Start: 96 @5765 has 1 MA's), (155, 5915), (Start: 163 @5930 has 3 MA's), (185, 5948), (220, 6077), (225, 6092), (264, 6161), (269, 6185), (271, 6191), (274, 6200), (304, 6269), (309, 6287), (330, 6350), (369, 6428), (381, 6455), (386, 6470), (393, 6491), (413, 6530), (440, 6581), (446, 6593), (454, 6605),

(460, 6623),

Gene: Eapen_10 Start: 5883, Stop: 6863, Start Num: 84
Candidate Starts for Eapen_10:
(Start: 84 @5883 has 125 MA's), (Start: 86 @5886 has 14 MA's), (Start: 94 @5910 has 1 MA's), (Start: 101 @5931 has 1 MA's), (Start: 102 @5934 has 1 MA's), (200, 6183), (220, 6240), (265, 6324), (269, 6345), (280, 6372), (296, 6402), (306, 6429), (363, 6579), (411, 6690), (417, 6702), (421, 6714), (456, 6780),

Gene: EasyJones_253 Start: 143585, Stop: 144583, Start Num: 67
Candidate Starts for EasyJones_253:
(Start: 57 @143555 has 189 MA's), (Start: 67 @143585 has 3 MA's), (73, 143597), (91, 143639), (116, 143702), (124, 143723), (Start: 160 @143807 has 1 MA's), (Start: 184 @143849 has 1 MA's), (187, 143861), (189, 143876), (210, 143945), (220, 143972), (244, 144026), (261, 144071), (262, 144074), (288, 144152), (299, 144173), (343, 144284), (386, 144374), (392, 144392), (430, 144464), (448, 144497),

Gene: Echild_11 Start: 6541, Stop: 7518, Start Num: 72
Candidate Starts for Echild_11:
(Start: 72 @6541 has 61 MA's), (Start: 94 @6595 has 1 MA's), (189, 6784), (196, 6820), (200, 6832), (220, 6889), (233, 6925), (264, 6973), (274, 7012), (296, 7060), (302, 7078), (305, 7084), (309, 7099), (322, 7144), (330, 7162), (348, 7204), (369, 7252), (381, 7279), (386, 7294), (392, 7312), (393, 7315), (440, 7405), (486, 7504),

Gene: Edison31_10 Start: 5718, Stop: 6692, Start Num: 72
Candidate Starts for Edison31_10:
(Start: 72 @5718 has 61 MA's), (76, 5724), (Start: 94 @5772 has 1 MA's), (155, 5925), (220, 6087), (225, 6102), (233, 6123), (269, 6195), (271, 6201), (274, 6210), (293, 6252), (304, 6279), (309, 6297), (322, 6342), (330, 6360), (369, 6438), (381, 6465), (386, 6480), (393, 6501), (413, 6540), (440, 6591), (460, 6633), (492, 6684),

Gene: Edtherson_11 Start: 6516, Stop: 7484, Start Num: 71
Candidate Starts for Edtherson_11:
(Start: 71 @6516 has 225 MA's), (Start: 87 @6549 has 5 MA's), (92, 6567), (203, 6837), (220, 6888), (223, 6900), (264, 6975), (284, 7038), (289, 7050), (299, 7071), (304, 7083), (309, 7101), (317, 7119), (321, 7143), (343, 7182), (384, 7263), (392, 7287), (393, 7290), (394, 7293), (402, 7302), (446, 7389), (457, 7413), (470, 7434), (490, 7476),

Gene: Edugator_30 Start: 27158, Stop: 27919, Start Num: 174
Candidate Starts for Edugator_30:
(148, 27110), (Start: 174 @27158 has 20 MA's), (Start: 184 @27170 has 1 MA's), (186, 27176), (190, 27203), (200, 27239), (218, 27299), (220, 27305), (231, 27335), (233, 27341), (238, 27350), (257, 27383), (269, 27425), (270, 27428), (274, 27440), (295, 27476), (301, 27491), (311, 27527), (350, 27626), (364, 27653), (373, 27674), (419, 27737), (436, 27761), (448, 27785), (473, 27854), (495, 27899), (498, 27908),

Gene: Efra2_31 Start: 25702, Stop: 26571, Start Num: 176
Candidate Starts for Efra2_31:
(148, 25654), (157, 25675), (Start: 176 @25702 has 165 MA's), (Start: 184 @25714 has 1 MA's), (189, 25741), (190, 25747), (198, 25777), (200, 25783), (220, 25846), (233, 25882), (238, 25891), (257, 25924), (271, 25972), (304, 26041), (364, 26194), (373, 26215), (381, 26239), (387, 26257), (394, 26278), (402, 26317), (419, 26392), (478, 26521), (495, 26551), (498, 26560),

Gene: EggyFarm_260 Start: 146394, Stop: 147422, Start Num: 57
Candidate Starts for EggyFarm_260:
(Start: 57 @146394 has 189 MA's), (Start: 67 @146424 has 3 MA's), (73, 146436), (91, 146478), (116, 146541), (124, 146562), (Start: 160 @146646 has 1 MA's), (Start: 184 @146688 has 1 MA's), (187, 146700), (189, 146715), (210, 146784), (220, 146811), (244, 146865), (261, 146910), (262, 146913), (288, 146991), (299, 147012), (343, 147123), (386, 147213), (392, 147231), (430, 147303), (448, 147336),

Gene: Ejimix_49 Start: 43361, Stop: 44233, Start Num: 154
Candidate Starts for Ejimix_49:
(Start: 154 @43361 has 32 MA's), (Start: 171 @43388 has 1 MA's), (189, 43448), (201, 43496), (220, 43562), (227, 43583), (241, 43604), (261, 43658), (290, 43739), (391, 44018), (392, 44021), (412, 44045), (438, 44081), (445, 44096), (453, 44108), (459, 44129),

Gene: Ekdilam_28 Start: 26650, Stop: 27390, Start Num: 176
Candidate Starts for Ekdilam_28:
(125, 26551), (133, 26572), (148, 26605), (157, 26626), (Start: 176 @26650 has 165 MA's), (Start: 184 @26662 has 1 MA's), (190, 26695), (217, 26779), (220, 26788), (223, 26800), (238, 26833), (257, 26866), (301, 26974), (309, 27001), (364, 27136), (373, 27157), (381, 27181), (413, 27193), (416, 27202), (448, 27259), (455, 27271), (478, 27340), (495, 27370),

Gene: ElTiger69_8 Start: 5180, Stop: 5989, Start Num: 181
Candidate Starts for ElTiger69_8:
(Start: 181 @5180 has 57 MA's), (191, 5225), (213, 5309), (219, 5324), (230, 5357), (322, 5627), (343, 5669), (355, 5708), (362, 5726), (376, 5756), (486, 5954),

Gene: EleanorGeorge_32 Start: 28150, Stop: 29220, Start Num: 63
Candidate Starts for EleanorGeorge_32:
(43, 28096), (Start: 63 @28150 has 221 MA's), (147, 28366), (149, 28369), (Start: 181 @28420 has 57 MA's), (190, 28462), (203, 28513), (242, 28627), (255, 28660), (276, 28735), (284, 28756), (331, 28885), (369, 28957), (410, 29053), (416, 29065), (455, 29134), (483, 29191), (488, 29200),

Gene: Ellie_28 Start: 26652, Stop: 27389, Start Num: 176
Candidate Starts for Ellie_28:
(125, 26541), (133, 26562), (148, 26601), (157, 26622), (Start: 176 @26652 has 165 MA's), (Start: 184 @26664 has 1 MA's), (190, 26697), (200, 26733), (217, 26781), (220, 26790), (223, 26802), (233, 26826), (257, 26868), (301, 26976), (309, 27003), (344, 27090), (350, 27108), (360, 27123), (364, 27135), (373, 27156), (381, 27180), (413, 27192), (416, 27201), (419, 27210), (448, 27258), (495, 27369), (497, 27378),

Gene: Ellson_28 Start: 26821, Stop: 27864, Start Num: 80
Candidate Starts for Ellson_28:
(Start: 80 @26821 has 47 MA's), (Start: 83 @26827 has 55 MA's), (92, 26854), (99, 26875), (115, 26926), (149, 27007), (191, 27112), (218, 27193), (220, 27199), (237, 27241), (267, 27295), (272, 27313), (274, 27319), (277, 27325), (309, 27397), (325, 27454), (353, 27514), (385, 27589), (410, 27634), (418, 27649), (419, 27655), (455, 27718), (495, 27820), (501, 27841), (502, 27847),

Gene: EmToTheThree_253 Start: 145387, Stop: 146415, Start Num: 57
Candidate Starts for EmToTheThree_253:
(Start: 57 @145387 has 189 MA's), (Start: 67 @145417 has 3 MA's), (73, 145429), (91, 145471), (116, 145534), (124, 145555), (Start: 160 @145639 has 1 MA's), (Start: 184 @145681 has 1 MA's), (187, 145693), (189, 145708), (210, 145777), (220, 145804), (244, 145858), (261, 145903), (262, 145906), (288, 145984), (299, 146005), (343, 146116), (386, 146206), (392, 146224), (430, 146296), (448,

146329),

Gene: Emerson_31 Start: 26454, Stop: 27326, Start Num: 176
Candidate Starts for Emerson_31:
(157, 26427), (Start: 176 @26454 has 165 MA's), (Start: 184 @26466 has 1 MA's), (200, 26535), (210, 26562), (217, 26592), (220, 26601), (233, 26637), (238, 26646), (257, 26679), (264, 26697), (271, 26727), (300, 26784), (301, 26787), (350, 26922), (364, 26949), (373, 26970), (381, 26994), (398, 27045), (419, 27147), (442, 27183), (469, 27255), (495, 27306), (498, 27315),

Gene: EmiMonkey_32 Start: 29131, Stop: 30132, Start Num: 63
Candidate Starts for EmiMonkey_32:
(Start: 63 @29131 has 221 MA's), (91, 29206), (Start: 102 @29239 has 1 MA's), (116, 29269), (124, 29290), (138, 29320), (142, 29332), (Start: 160 @29374 has 1 MA's), (Start: 174 @29398 has 20 MA's), (Start: 184 @29413 has 1 MA's), (187, 29425), (220, 29536), (270, 29650), (277, 29668), (294, 29707), (304, 29731), (317, 29767), (343, 29833), (392, 29941), (416, 29989), (424, 30001), (448, 30046), (455, 30058), (470, 30088),

Gene: Emma_33 Start: 28128, Stop: 29126, Start Num: 55
Candidate Starts for Emma_33:
(Start: 55 @28128 has 35 MA's), (91, 28203), (116, 28263), (124, 28284), (Start: 160 @28368 has 1 MA's), (187, 28419), (189, 28434), (220, 28530), (269, 28641), (277, 28662), (294, 28701), (299, 28713), (317, 28761), (322, 28788), (333, 28812), (343, 28827), (392, 28935), (416, 28983), (455, 29052), (470, 29082),

Gene: EmmaElysia_257 Start: 146050, Stop: 147078, Start Num: 57
Candidate Starts for EmmaElysia_257:
(Start: 57 @146050 has 189 MA's), (Start: 67 @146080 has 3 MA's), (73, 146092), (91, 146134), (116, 146197), (124, 146218), (Start: 160 @146302 has 1 MA's), (Start: 184 @146344 has 1 MA's), (187, 146356), (189, 146371), (210, 146440), (220, 146467), (244, 146521), (261, 146566), (262, 146569), (288, 146647), (299, 146668), (343, 146779), (386, 146869), (392, 146887), (430, 146959), (448, 146992),

Gene: Emmaloid_33 Start: 28900, Stop: 29901, Start Num: 63
Candidate Starts for Emmaloid_33:
(2, 28279), (4, 28357), (8, 28420), (16, 28459), (24, 28612), (28, 28648), (Start: 63 @28900 has 221 MA's), (Start: 67 @28921 has 3 MA's), (73, 28933), (91, 28975), (116, 29038), (124, 29059), (138, 29089), (Start: 160 @29143 has 1 MA's), (Start: 174 @29167 has 20 MA's), (187, 29194), (220, 29305), (270, 29419), (277, 29437), (294, 29476), (304, 29500), (317, 29536), (322, 29563), (343, 29602), (369, 29650), (392, 29710), (416, 29758), (424, 29770), (455, 29827), (470, 29857),

Gene: Emperor_4 Start: 2151, Stop: 2993, Start Num: 181
Candidate Starts for Emperor_4:
(Start: 181 @2151 has 57 MA's), (197, 2229), (202, 2241), (211, 2274), (243, 2370), (246, 2376), (252, 2394), (264, 2430), (368, 2745), (452, 2880),

Gene: Empress_32 Start: 28933, Stop: 29934, Start Num: 63
Candidate Starts for Empress_32:
(Start: 63 @28933 has 221 MA's), (91, 29008), (Start: 102 @29041 has 1 MA's), (116, 29071), (124, 29092), (Start: 160 @29176 has 1 MA's), (Start: 174 @29200 has 20 MA's), (Start: 184 @29215 has 1 MA's), (187, 29227), (220, 29338), (270, 29452), (277, 29470), (294, 29509), (304, 29533), (317, 29569), (322, 29596), (343, 29635), (392, 29743), (424, 29803), (455, 29860), (470, 29890),

Gene: Enby_33 Start: 27679, Stop: 28749, Start Num: 63

Candidate Starts for Enby_33:
(43, 27625), (Start: 63 @27679 has 221 MA's), (147, 27895), (149, 27898), (Start: 181 @27949 has 57 MA's), (190, 27991), (203, 28042), (242, 28156), (255, 28189), (276, 28264), (284, 28285), (331, 28414), (369, 28486), (410, 28582), (416, 28594), (455, 28663), (483, 28720), (488, 28729),

Gene: Enceladus_26 Start: 25531, Stop: 26562, Start Num: 64
Candidate Starts for Enceladus_26:
(Start: 64 @25531 has 22 MA's), (122, 25687), (129, 25711), (135, 25723), (143, 25741), (150, 25759), (158, 25777), (Start: 163 @25783 has 3 MA's), (169, 25792), (Start: 176 @25807 has 165 MA's), (185, 25822), (192, 25870), (200, 25894), (220, 25951), (235, 25990), (271, 26068), (274, 26077), (276, 26080), (282, 26095), (302, 26149), (309, 26170), (313, 26185), (356, 26269), (369, 26299), (393, 26368), (402, 26380), (413, 26404), (419, 26422), (424, 26425), (430, 26437), (432, 26440), (448, 26470), (455, 26482),

Gene: Enkosi_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Enkosi_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: EnzoK_11 Start: 6250, Stop: 7218, Start Num: 71
Candidate Starts for EnzoK_11:
(Start: 71 @6250 has 225 MA's), (Start: 87 @6283 has 5 MA's), (92, 6301), (Start: 94 @6304 has 1 MA's), (203, 6571), (220, 6622), (223, 6634), (264, 6709), (284, 6772), (289, 6784), (299, 6805), (304, 6817), (309, 6835), (317, 6853), (321, 6877), (343, 6916), (384, 6997), (392, 7021), (393, 7024), (394, 7027), (402, 7036), (446, 7123), (490, 7210),

Gene: Enzomatic_35 Start: 27698, Stop: 28699, Start Num: 63
Candidate Starts for Enzomatic_35:
(Start: 63 @27698 has 221 MA's), (91, 27773), (Start: 102 @27806 has 1 MA's), (116, 27836), (124, 27857), (Start: 160 @27941 has 1 MA's), (Start: 174 @27965 has 20 MA's), (Start: 184 @27980 has 1 MA's), (187, 27992), (220, 28103), (270, 28217), (277, 28235), (294, 28274), (304, 28298), (317, 28334), (322, 28361), (343, 28400), (369, 28448), (392, 28508), (416, 28556), (424, 28568), (448, 28613), (455, 28625), (470, 28655),

Gene: EpicDab_7 Start: 4348, Stop: 5202, Start Num: 181
Candidate Starts for EpicDab_7:
(74, 4075), (132, 4246), (153, 4297), (Start: 181 @4348 has 57 MA's), (197, 4426), (198, 4429), (243, 4567), (246, 4573), (252, 4591), (264, 4627), (274, 4666), (284, 4693), (324, 4834), (347, 4885), (363, 4936), (368, 4945), (385, 4993), (450, 5083),

Gene: EpicPhail_12 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for EpicPhail_12:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Eponine_34 Start: 28394, Stop: 29185, Start Num: 162
Candidate Starts for Eponine_34:
(Start: 162 @28394 has 23 MA's), (Start: 184 @28427 has 1 MA's), (190, 28460), (196, 28484), (203, 28505), (208, 28514), (214, 28544), (217, 28553), (220, 28562), (233, 28598), (273, 28679), (350, 28886), (364, 28913), (373, 28934), (379, 28949), (381, 28958), (418, 28982), (448, 29036), (455,

29048), (479, 29120),

Gene: Equemioh13_13 Start: 6926, Stop: 7903, Start Num: 72
Candidate Starts for Equemioh13_13:
(Start: 72 @6926 has 61 MA's), (Start: 94 @6980 has 1 MA's), (119, 7037), (189, 7169), (200, 7217), (220, 7274), (233, 7310), (264, 7358), (274, 7397), (305, 7469), (309, 7484), (322, 7529), (330, 7547), (348, 7589), (369, 7637), (381, 7664), (386, 7679), (392, 7697), (393, 7700), (440, 7790),

Gene: Eradicator_31 Start: 27626, Stop: 28627, Start Num: 63
Candidate Starts for Eradicator_31:
(Start: 63 @27626 has 221 MA's), (91, 27701), (116, 27764), (124, 27785), (Start: 160 @27869 has 1 MA's), (Start: 174 @27893 has 20 MA's), (Start: 184 @27908 has 1 MA's), (187, 27920), (220, 28031), (270, 28145), (277, 28163), (294, 28202), (304, 28226), (317, 28262), (322, 28289), (343, 28328), (369, 28376), (392, 28436), (424, 28496), (448, 28541), (455, 28553), (470, 28583),

Gene: Erdmann_254 Start: 145355, Stop: 146383, Start Num: 57
Candidate Starts for Erdmann_254:
(Start: 57 @145355 has 189 MA's), (Start: 67 @145385 has 3 MA's), (73, 145397), (91, 145439), (116, 145502), (124, 145523), (Start: 160 @145607 has 1 MA's), (Start: 184 @145649 has 1 MA's), (187, 145661), (189, 145676), (210, 145745), (220, 145772), (244, 145826), (261, 145871), (262, 145874), (288, 145952), (299, 145973), (343, 146084), (386, 146174), (392, 146192), (430, 146264), (448, 146297),

Gene: EricMillard_49 Start: 42862, Stop: 43734, Start Num: 154
Candidate Starts for EricMillard_49:
(Start: 154 @42862 has 32 MA's), (Start: 171 @42889 has 1 MA's), (189, 42949), (201, 42997), (220, 43063), (227, 43084), (241, 43105), (261, 43159), (290, 43240), (391, 43519), (392, 43522), (412, 43546), (438, 43582), (445, 43597), (453, 43609), (459, 43630),

Gene: Eris_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Eris_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: ErnieJ_246 Start: 142183, Stop: 143211, Start Num: 57
Candidate Starts for ErnieJ_246:
(Start: 57 @142183 has 189 MA's), (Start: 67 @142213 has 3 MA's), (91, 142267), (116, 142330), (124, 142351), (Start: 160 @142435 has 1 MA's), (Start: 184 @142477 has 1 MA's), (187, 142489), (189, 142504), (210, 142573), (220, 142600), (244, 142654), (261, 142699), (262, 142702), (288, 142780), (299, 142801), (343, 142912), (386, 143002), (392, 143020), (430, 143092), (448, 143125),

Gene: Eros_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Eros_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Espresso_10 Start: 6112, Stop: 7080, Start Num: 71
Candidate Starts for Espresso_10:

(Start: 71 @6112 has 225 MA's), (Start: 87 @6145 has 5 MA's), (92, 6163), (Start: 94 @6166 has 1 MA's), (203, 6433), (220, 6484), (223, 6496), (264, 6571), (284, 6634), (299, 6667), (309, 6697), (317, 6715), (321, 6739), (343, 6778), (384, 6859), (392, 6883), (393, 6886), (394, 6889), (402, 6898), (404, 6901), (446, 6985), (470, 7030), (490, 7072),

Gene: Essence_250 Start: 144391, Stop: 145419, Start Num: 57
Candidate Starts for Essence_250:
(Start: 57 @144391 has 189 MA's), (Start: 67 @144421 has 3 MA's), (73, 144433), (91, 144475), (116, 144538), (124, 144559), (Start: 160 @144643 has 1 MA's), (Start: 184 @144685 has 1 MA's), (187, 144697), (189, 144712), (210, 144781), (220, 144808), (244, 144862), (261, 144907), (262, 144910), (288, 144988), (299, 145009), (343, 145120), (386, 145210), (392, 145228), (430, 145300), (448, 145333),

Gene: Estave1_29 Start: 27038, Stop: 28039, Start Num: 63
Candidate Starts for Estave1_29:
(Start: 63 @27038 has 221 MA's), (91, 27113), (Start: 102 @27146 has 1 MA's), (116, 27176), (124, 27197), (Start: 160 @27281 has 1 MA's), (Start: 174 @27305 has 20 MA's), (Start: 184 @27320 has 1 MA's), (187, 27332), (220, 27443), (270, 27557), (277, 27575), (294, 27614), (304, 27638), (317, 27674), (322, 27701), (343, 27740), (392, 27848), (416, 27896), (424, 27908), (446, 27950), (448, 27953), (455, 27965), (470, 27995),

Gene: Estes_44 Start: 33069, Stop: 34046, Start Num: 84
Candidate Starts for Estes_44:
(Start: 84 @33069 has 125 MA's), (Start: 94 @33096 has 1 MA's), (99, 33114), (119, 33162), (130, 33192), (141, 33219), (152, 33249), (185, 33306), (187, 33315), (196, 33360), (200, 33372), (211, 33402), (220, 33426), (226, 33444), (238, 33471), (262, 33510), (273, 33549), (274, 33552), (320, 33654), (384, 33807), (385, 33810), (388, 33819), (392, 33831), (395, 33840), (409, 33861), (416, 33882), (456, 33957),

Gene: EtoileNova_11 Start: 6055, Stop: 7020, Start Num: 65
Candidate Starts for EtoileNova_11:
(Start: 65 @6055 has 101 MA's), (88, 6100), (Start: 94 @6121 has 1 MA's), (139, 6241), (145, 6256), (Start: 177 @6295 has 9 MA's), (200, 6379), (220, 6436), (225, 6451), (269, 6532), (274, 6547), (282, 6565), (304, 6616), (309, 6634), (322, 6679), (369, 6775), (393, 6838), (413, 6877), (440, 6928),

Gene: Euphoria_10 Start: 6008, Stop: 6976, Start Num: 71
Candidate Starts for Euphoria_10:
(Start: 71 @6008 has 225 MA's), (Start: 87 @6041 has 5 MA's), (92, 6059), (Start: 94 @6062 has 1 MA's), (Start: 184 @6251 has 1 MA's), (203, 6329), (210, 6347), (220, 6380), (223, 6392), (264, 6467), (284, 6530), (299, 6563), (309, 6593), (317, 6611), (321, 6635), (343, 6674), (384, 6755), (392, 6779), (393, 6782), (394, 6785), (402, 6794), (446, 6881), (470, 6926), (490, 6968),

Gene: Eurydice_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Eurydice_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: EvilGenius_13 Start: 6871, Stop: 7812, Start Num: 101
Candidate Starts for EvilGenius_13:
(Start: 83 @6820 has 55 MA's), (Start: 101 @6871 has 1 MA's), (Start: 102 @6874 has 1 MA's), (119, 6922), (Start: 184 @7048 has 1 MA's), (189, 7075), (205, 7135), (220, 7180), (228, 7204), (278, 7312),

(294, 7351), (310, 7399), (318, 7414), (338, 7480), (358, 7522), (393, 7609), (417, 7657), (448, 7723), (481, 7798),

Gene: Ewok_251 Start: 144849, Stop: 145877, Start Num: 57
Candidate Starts for Ewok_251:
(Start: 57 @144849 has 189 MA's), (Start: 67 @144879 has 3 MA's), (73, 144891), (91, 144933), (116, 144996), (124, 145017), (Start: 160 @145101 has 1 MA's), (Start: 184 @145143 has 1 MA's), (187, 145155), (189, 145170), (210, 145239), (220, 145266), (244, 145320), (261, 145365), (262, 145368), (288, 145446), (299, 145467), (343, 145578), (386, 145668), (392, 145686), (430, 145758), (448, 145791),

Gene: Expelliarmus_7 Start: 4838, Stop: 5647, Start Num: 181
Candidate Starts for Expelliarmus_7:
(Start: 181 @4838 has 57 MA's), (202, 4922), (213, 4967), (236, 5027), (260, 5093), (343, 5327), (355, 5366), (362, 5384), (378, 5417), (382, 5435), (416, 5480), (444, 5504), (495, 5633),

Gene: Eyeball_10 Start: 5755, Stop: 6723, Start Num: 71
Candidate Starts for Eyeball_10:
(Start: 71 @5755 has 225 MA's), (Start: 87 @5788 has 5 MA's), (92, 5806), (Start: 94 @5809 has 1 MA's), (203, 6076), (220, 6127), (223, 6139), (264, 6214), (284, 6277), (289, 6289), (299, 6310), (304, 6322), (309, 6340), (317, 6358), (321, 6382), (343, 6421), (384, 6502), (392, 6526), (393, 6529), (394, 6532), (402, 6541), (470, 6673), (490, 6715),

Gene: Faith1_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Faith1_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Fajezeel_11 Start: 5830, Stop: 6798, Start Num: 71
Candidate Starts for Fajezeel_11:
(Start: 71 @5830 has 225 MA's), (Start: 87 @5863 has 5 MA's), (92, 5881), (Start: 94 @5884 has 1 MA's), (203, 6151), (220, 6202), (223, 6214), (264, 6289), (284, 6352), (289, 6364), (299, 6385), (304, 6397), (309, 6415), (317, 6433), (321, 6457), (343, 6496), (384, 6577), (392, 6601), (393, 6604), (394, 6607), (402, 6616), (446, 6703), (490, 6790),

Gene: Fameo_11 Start: 6448, Stop: 7431, Start Num: 83
Candidate Starts for Fameo_11:
(61, 6406), (Start: 83 @6448 has 55 MA's), (Start: 94 @6478 has 1 MA's), (Start: 96 @6481 has 1 MA's), (Start: 101 @6499 has 1 MA's), (Start: 102 @6502 has 1 MA's), (196, 6739), (200, 6751), (220, 6808), (223, 6820), (262, 6886), (306, 6997), (363, 7144), (405, 7237), (421, 7279), (456, 7351), (480, 7405),

Gene: Familton_68 Start: 43425, Stop: 44465, Start Num: 62
Candidate Starts for Familton_68:
(Start: 62 @43425 has 32 MA's), (91, 43500), (116, 43581), (119, 43587), (124, 43602), (158, 43683), (Start: 160 @43686 has 1 MA's), (187, 43740), (189, 43755), (220, 43851), (235, 43890), (248, 43920), (261, 43950), (262, 43953), (271, 43986), (299, 44052), (317, 44100), (322, 44127), (343, 44166), (428, 44340), (455, 44391),

Gene: Fancypants_31 Start: 27528, Stop: 28529, Start Num: 63

Candidate Starts for Fancypants_31:
(37, 27429), (Start: 63 @27528 has 221 MA's), (Start: 67 @27549 has 3 MA's), (73, 27561), (91, 27603), (Start: 102 @27636 has 1 MA's), (116, 27666), (124, 27687), (138, 27717), (142, 27729), (Start: 160 @27771 has 1 MA's), (Start: 174 @27795 has 20 MA's), (Start: 184 @27810 has 1 MA's), (187, 27822), (220, 27933), (262, 28017), (270, 28047), (277, 28065), (294, 28104), (304, 28128), (317, 28164), (322, 28191), (343, 28230), (392, 28338), (416, 28386), (424, 28398), (448, 28443), (455, 28455), (470, 28485),

Gene: Farber_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for Farber_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: Fascinus_9 Start: 5758, Stop: 6726, Start Num: 71
Candidate Starts for Fascinus_9:
(Start: 71 @5758 has 225 MA's), (Start: 87 @5791 has 5 MA's), (92, 5809), (Start: 94 @5812 has 1 MA's), (203, 6079), (220, 6130), (223, 6142), (264, 6217), (284, 6280), (289, 6292), (299, 6313), (304, 6325), (309, 6343), (317, 6361), (321, 6385), (343, 6424), (384, 6505), (392, 6529), (393, 6532), (394, 6535), (402, 6544), (470, 6676), (490, 6718),

Gene: Fastidio_33 Start: 27836, Stop: 28837, Start Num: 63
Candidate Starts for Fastidio_33:
(Start: 63 @27836 has 221 MA's), (Start: 67 @27857 has 3 MA's), (91, 27911), (Start: 102 @27944 has 1 MA's), (116, 27974), (124, 27995), (Start: 160 @28079 has 1 MA's), (Start: 174 @28103 has 20 MA's), (187, 28130), (189, 28145), (220, 28241), (270, 28355), (277, 28373), (294, 28412), (304, 28436), (317, 28472), (322, 28499), (343, 28538), (369, 28586), (392, 28646), (424, 28706), (446, 28748), (448, 28751), (455, 28763), (470, 28793),

Gene: Fefferhead_30 Start: 26852, Stop: 27589, Start Num: 176
Candidate Starts for Fefferhead_30:
(125, 26741), (133, 26762), (148, 26801), (157, 26822), (Start: 176 @26852 has 165 MA's), (Start: 184 @26864 has 1 MA's), (190, 26897), (200, 26933), (217, 26981), (220, 26990), (233, 27026), (257, 27068), (301, 27176), (309, 27203), (344, 27290), (350, 27308), (364, 27335), (373, 27356), (381, 27380), (413, 27392), (416, 27401), (419, 27410), (448, 27458), (495, 27569), (497, 27578),

Gene: Fenn_10 Start: 5962, Stop: 6930, Start Num: 71
Candidate Starts for Fenn_10:
(Start: 71 @5962 has 225 MA's), (Start: 87 @5995 has 5 MA's), (92, 6013), (Start: 94 @6016 has 1 MA's), (203, 6283), (220, 6334), (223, 6346), (264, 6421), (284, 6484), (299, 6517), (309, 6547), (343, 6628), (384, 6709), (392, 6733), (393, 6736), (394, 6739), (402, 6748), (446, 6835), (490, 6922),

Gene: Fernando_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Fernando_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Feyre_30 Start: 26964, Stop: 27836, Start Num: 176
Candidate Starts for Feyre_30:
(Start: 176 @26964 has 165 MA's), (Start: 184 @26976 has 1 MA's), (186, 26982), (190, 27009), (198, 27039), (200, 27045), (217, 27099), (220, 27108), (223, 27120), (238, 27153), (257, 27186), (271, 27234), (364, 27456), (371, 27474), (373, 27477), (393, 27537), (398, 27555), (402, 27582), (419,

27654), (430, 27669), (442, 27690), (444, 27693), (455, 27714), (490, 27807), (495, 27816), (498, 27825),

Gene: Filuzino_31 Start: 27478, Stop: 28476, Start Num: 55
Candidate Starts for Filuzino_31:
(Start: 55 @27478 has 35 MA's), (91, 27553), (116, 27613), (124, 27634), (Start: 160 @27718 has 1 MA's), (187, 27769), (189, 27784), (220, 27880), (269, 27991), (277, 28012), (294, 28051), (299, 28063), (317, 28111), (322, 28138), (333, 28162), (343, 28177), (392, 28285), (416, 28333), (455, 28402), (470, 28432),

Gene: Finnry_28 Start: 26854, Stop: 27897, Start Num: 80
Candidate Starts for Finnry_28:
(Start: 80 @26854 has 47 MA's), (Start: 83 @26860 has 55 MA's), (92, 26887), (99, 26908), (115, 26959), (149, 27040), (191, 27145), (218, 27226), (220, 27232), (267, 27328), (272, 27346), (274, 27352), (277, 27358), (309, 27430), (325, 27487), (328, 27490), (353, 27547), (385, 27622), (392, 27643), (410, 27667), (418, 27682), (426, 27694), (455, 27751), (495, 27853), (501, 27874),

Gene: Fionnbharth_32 Start: 27630, Stop: 28421, Start Num: 162
Candidate Starts for Fionnbharth_32:
(Start: 162 @27630 has 23 MA's), (Start: 184 @27663 has 1 MA's), (190, 27696), (196, 27720), (203, 27741), (217, 27789), (220, 27798), (233, 27834), (273, 27915), (350, 28122), (364, 28149), (367, 28155), (373, 28170), (381, 28194), (418, 28218), (430, 28239), (448, 28272), (455, 28284), (479, 28356),

Gene: Firecracker_69 Start: 43815, Stop: 44855, Start Num: 62
Candidate Starts for Firecracker_69:
(Start: 62 @43815 has 32 MA's), (91, 43890), (116, 43971), (119, 43977), (124, 43992), (158, 44073), (Start: 160 @44076 has 1 MA's), (187, 44130), (189, 44145), (220, 44241), (235, 44280), (248, 44310), (261, 44340), (262, 44343), (271, 44376), (299, 44442), (311, 44481), (317, 44490), (322, 44517), (343, 44556), (428, 44730), (455, 44781),

Gene: Firehouse51_32 Start: 28314, Stop: 29315, Start Num: 63
Candidate Starts for Firehouse51_32:
(Start: 63 @28314 has 221 MA's), (91, 28389), (Start: 102 @28422 has 1 MA's), (116, 28452), (124, 28473), (138, 28503), (142, 28515), (Start: 160 @28557 has 1 MA's), (Start: 174 @28581 has 20 MA's), (Start: 184 @28596 has 1 MA's), (187, 28608), (189, 28623), (220, 28719), (269, 28830), (277, 28851), (294, 28890), (299, 28902), (317, 28950), (322, 28977), (333, 29001), (343, 29016), (392, 29124), (416, 29172), (455, 29241), (470, 29271),

Gene: FiringLine_11 Start: 6372, Stop: 7364, Start Num: 83
Candidate Starts for FiringLine_11:
(Start: 83 @6372 has 55 MA's), (Start: 101 @6423 has 1 MA's), (Start: 102 @6426 has 1 MA's), (112, 6459), (119, 6474), (179, 6594), (Start: 184 @6600 has 1 MA's), (205, 6687), (220, 6732), (278, 6864), (294, 6903), (310, 6951), (338, 7032), (358, 7074), (393, 7161), (417, 7209), (448, 7275), (481, 7350),

Gene: First_0011 Start: 6443, Stop: 7420, Start Num: 72
Candidate Starts for First_0011:
(Start: 72 @6443 has 61 MA's), (Start: 94 @6497 has 1 MA's), (189, 6686), (196, 6722), (200, 6734), (220, 6791), (233, 6827), (264, 6875), (274, 6914), (305, 6986), (309, 7001), (330, 7064), (348, 7106), (369, 7154), (381, 7181), (386, 7196), (392, 7214), (393, 7217), (413, 7256), (440, 7307), (486, 7406),

Gene: Fixie_245 Start: 145620, Stop: 146648, Start Num: 57
Candidate Starts for Fixie_245:

(Start: 57 @145620 has 189 MA's), (Start: 67 @145650 has 3 MA's), (73, 145662), (91, 145704), (116, 145767), (124, 145788), (Start: 160 @145872 has 1 MA's), (Start: 184 @145914 has 1 MA's), (187, 145926), (189, 145941), (210, 146010), (220, 146037), (244, 146091), (261, 146136), (262, 146139), (288, 146217), (299, 146238), (343, 146349), (386, 146439), (392, 146457), (430, 146529), (448, 146562),

Gene: Flabslab_247 Start: 141448, Stop: 142476, Start Num: 57
Candidate Starts for Flabslab_247:
(Start: 57 @141448 has 189 MA's), (Start: 67 @141478 has 3 MA's), (91, 141532), (116, 141595), (124, 141616), (Start: 160 @141700 has 1 MA's), (Start: 184 @141742 has 1 MA's), (187, 141754), (189, 141769), (210, 141838), (220, 141865), (244, 141919), (261, 141964), (262, 141967), (288, 142045), (299, 142066), (343, 142177), (386, 142267), (392, 142285), (430, 142357), (448, 142390),

Gene: Flare16_11 Start: 6484, Stop: 7461, Start Num: 72
Candidate Starts for Flare16_11:
(Start: 72 @6484 has 61 MA's), (Start: 94 @6538 has 1 MA's), (119, 6595), (189, 6727), (191, 6739), (200, 6775), (220, 6832), (233, 6868), (264, 6916), (274, 6955), (305, 7027), (309, 7042), (322, 7087), (330, 7105), (348, 7147), (369, 7195), (381, 7222), (386, 7237), (392, 7255), (393, 7258), (440, 7348),

Gene: Flathead_31 Start: 28105, Stop: 29121, Start Num: 63
Candidate Starts for Flathead_31:
(30, 27874), (31, 27877), (33, 27925), (46, 28060), (48, 28069), (Start: 63 @28105 has 221 MA's), (108, 28237), (116, 28258), (124, 28279), (138, 28309), (142, 28321), (Start: 160 @28363 has 1 MA's), (187, 28414), (189, 28429), (220, 28525), (269, 28636), (277, 28657), (294, 28696), (299, 28708), (317, 28756), (322, 28783), (333, 28807), (343, 28822), (392, 28930), (416, 28978), (455, 29047), (470, 29077),

Gene: Florean_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Florean_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Florence1_8 Start: 5215, Stop: 5952, Start Num: 197
Candidate Starts for Florence1_8:
(157, 5101), (Start: 181 @5143 has 57 MA's), (197, 5215), (213, 5272), (230, 5320), (261, 5401), (322, 5590), (343, 5632), (362, 5689),

Gene: Florence4_9 Start: 5143, Stop: 5952, Start Num: 181
Candidate Starts for Florence4_9:
(157, 5101), (Start: 181 @5143 has 57 MA's), (197, 5215), (213, 5272), (230, 5320), (261, 5401), (322, 5590), (343, 5632), (362, 5689),

Gene: Florinda_31 Start: 27520, Stop: 28521, Start Num: 63
Candidate Starts for Florinda_31:
(Start: 63 @27520 has 221 MA's), (91, 27595), (Start: 102 @27628 has 1 MA's), (116, 27658), (124, 27679), (Start: 160 @27763 has 1 MA's), (Start: 174 @27787 has 20 MA's), (Start: 184 @27802 has 1 MA's), (187, 27814), (220, 27925), (270, 28039), (277, 28057), (294, 28096), (304, 28120), (317, 28156), (322, 28183), (343, 28222), (369, 28270), (392, 28330), (416, 28378), (424, 28390), (448, 28435), (455, 28447), (470, 28477),

Gene: Fludd_252 Start: 143267, Stop: 144295, Start Num: 57

Candidate Starts for Fludd_252:
(Start: 57 @143267 has 189 MA's), (Start: 67 @143297 has 3 MA's), (73, 143309), (91, 143351), (116, 143414), (124, 143435), (Start: 160 @143519 has 1 MA's), (Start: 184 @143561 has 1 MA's), (187, 143573), (189, 143588), (210, 143657), (220, 143684), (244, 143738), (261, 143783), (262, 143786), (288, 143864), (299, 143885), (343, 143996), (386, 144086), (392, 144104), (430, 144176), (448, 144209),

Gene: Flux_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Flux_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: FlyCatcher_14 Start: 7534, Stop: 8301, Start Num: 177
Candidate Starts for FlyCatcher_14:
(140, 7486), (Start: 177 @7534 has 9 MA's), (189, 7570), (220, 7675), (264, 7747), (270, 7774), (274, 7786), (282, 7804), (309, 7873), (330, 7936), (357, 7987), (369, 8014), (381, 8041), (393, 8077), (416, 8125), (440, 8167),

Gene: Fongie_252 Start: 144847, Stop: 145875, Start Num: 57
Candidate Starts for Fongie_252:
(Start: 57 @144847 has 189 MA's), (Start: 67 @144877 has 3 MA's), (73, 144889), (91, 144931), (116, 144994), (124, 145015), (Start: 160 @145099 has 1 MA's), (Start: 184 @145141 has 1 MA's), (187, 145153), (189, 145168), (210, 145237), (220, 145264), (244, 145318), (261, 145363), (262, 145366), (288, 145444), (299, 145465), (343, 145576), (386, 145666), (392, 145684), (430, 145756), (448, 145789),

Gene: ForDig_42 Start: 40358, Stop: 41353, Start Num: 82
Candidate Starts for ForDig_42:
(Start: 82 @40358 has 12 MA's), (Start: 94 @40388 has 1 MA's), (Start: 101 @40409 has 1 MA's), (Start: 102 @40412 has 1 MA's), (134, 40499), (Start: 162 @40547 has 23 MA's), (196, 40649), (218, 40712), (220, 40718), (233, 40754), (265, 40802), (299, 40895), (306, 40913), (335, 41000), (337, 41003), (363, 41063), (369, 41075), (374, 41087), (377, 41093), (421, 41198), (487, 41330),

Gene: ForGetIt_8 Start: 5199, Stop: 6008, Start Num: 181
Candidate Starts for ForGetIt_8:
(Start: 181 @5199 has 57 MA's), (194, 5262), (197, 5271), (203, 5292), (213, 5328), (230, 5376), (256, 5433), (261, 5457), (343, 5688), (362, 5745), (495, 5994),

Gene: ForesterFrank_13 Start: 8169, Stop: 8933, Start Num: 176
Candidate Starts for ForesterFrank_13:
(Start: 176 @8169 has 165 MA's), (220, 8313), (264, 8400), (269, 8424), (274, 8439), (282, 8457), (309, 8526), (330, 8589), (345, 8619), (369, 8667), (381, 8694), (386, 8709), (392, 8727), (393, 8730), (410, 8766),

Gene: Forsytheast_9 Start: 6022, Stop: 6990, Start Num: 71
Candidate Starts for Forsytheast_9:
(Start: 71 @6022 has 225 MA's), (Start: 87 @6055 has 5 MA's), (92, 6073), (Start: 94 @6076 has 1 MA's), (203, 6343), (220, 6394), (223, 6406), (264, 6481), (284, 6544), (299, 6577), (304, 6589), (309, 6607), (317, 6625), (321, 6649), (343, 6688), (384, 6769), (392, 6793), (393, 6796), (394, 6799), (402, 6808), (446, 6895), (470, 6940), (490, 6982),

Gene: FoulBall_67 Start: 43419, Stop: 44459, Start Num: 62
Candidate Starts for FoulBall_67:
(Start: 62 @43419 has 32 MA's), (91, 43494), (116, 43575), (119, 43581), (124, 43596), (158, 43677), (Start: 160 @43680 has 1 MA's), (187, 43734), (189, 43749), (220, 43845), (235, 43884), (248, 43914), (261, 43944), (262, 43947), (271, 43980), (299, 44046), (311, 44085), (317, 44094), (322, 44121), (343, 44160), (428, 44334), (455, 44385),

Gene: FoxtrotP1_251 Start: 145941, Stop: 146969, Start Num: 57
Candidate Starts for FoxtrotP1_251:
(Start: 57 @145941 has 189 MA's), (Start: 67 @145971 has 3 MA's), (73, 145983), (91, 146025), (116, 146088), (124, 146109), (Start: 160 @146193 has 1 MA's), (Start: 184 @146235 has 1 MA's), (187, 146247), (189, 146262), (210, 146331), (220, 146358), (244, 146412), (261, 146457), (262, 146460), (288, 146538), (299, 146559), (343, 146670), (386, 146760), (392, 146778), (430, 146850), (448, 146883),

Gene: Francis47_10 Start: 6259, Stop: 7227, Start Num: 71
Candidate Starts for Francis47_10:
(Start: 71 @6259 has 225 MA's), (Start: 87 @6292 has 5 MA's), (92, 6310), (Start: 94 @6313 has 1 MA's), (203, 6580), (220, 6631), (223, 6643), (264, 6718), (284, 6781), (289, 6793), (299, 6814), (304, 6826), (309, 6844), (317, 6862), (343, 6925), (384, 7006), (392, 7030), (393, 7033), (394, 7036), (402, 7045), (446, 7132), (490, 7219),

Gene: Frankie_35 Start: 28662, Stop: 29663, Start Num: 63
Candidate Starts for Frankie_35:
(Start: 63 @28662 has 221 MA's), (91, 28737), (116, 28800), (124, 28821), (Start: 160 @28905 has 1 MA's), (Start: 174 @28929 has 20 MA's), (Start: 184 @28944 has 1 MA's), (187, 28956), (220, 29067), (270, 29181), (277, 29199), (294, 29238), (304, 29262), (317, 29298), (322, 29325), (343, 29364), (369, 29412), (392, 29472), (416, 29520), (424, 29532), (448, 29577), (455, 29589), (470, 29619),

Gene: FrayBell_255 Start: 143398, Stop: 144426, Start Num: 57
Candidate Starts for FrayBell_255:
(Start: 57 @143398 has 189 MA's), (Start: 67 @143428 has 3 MA's), (73, 143440), (91, 143482), (116, 143545), (124, 143566), (Start: 160 @143650 has 1 MA's), (Start: 184 @143692 has 1 MA's), (187, 143704), (189, 143719), (210, 143788), (220, 143815), (244, 143869), (261, 143914), (262, 143917), (288, 143995), (299, 144016), (343, 144127), (386, 144217), (392, 144235), (430, 144307), (448, 144340),

Gene: FreakyGoo_39 Start: 31794, Stop: 32765, Start Num: 85
Candidate Starts for FreakyGoo_39:
(Start: 85 @31794 has 15 MA's), (Start: 94 @31818 has 1 MA's), (98, 31833), (152, 31971), (Start: 171 @31998 has 1 MA's), (179, 32016), (185, 32028), (187, 32037), (196, 32082), (200, 32094), (210, 32121), (220, 32148), (223, 32160), (244, 32205), (262, 32232), (270, 32262), (273, 32271), (274, 32274), (313, 32361), (320, 32376), (384, 32529), (385, 32532), (410, 32592), (416, 32604), (419, 32613), (442, 32649), (450, 32664), (466, 32703), (482, 32736),

Gene: Fred313_10 Start: 5440, Stop: 6180, Start Num: 166
Candidate Starts for Fred313_10:
(Start: 166 @5440 has 22 MA's), (200, 5527), (220, 5584), (223, 5596), (225, 5599), (235, 5623), (249, 5638), (269, 5686), (271, 5692), (282, 5719), (309, 5788), (334, 5860), (357, 5902), (369, 5929), (381, 5956), (392, 5989), (393, 5992), (413, 6031), (492, 6172),

Gene: FreddyB_31 Start: 27784, Stop: 28785, Start Num: 63
Candidate Starts for FreddyB_31:

(Start: 63 @27784 has 221 MA's), (91, 27859), (Start: 102 @27892 has 1 MA's), (116, 27922), (124, 27943), (138, 27973), (142, 27985), (Start: 160 @28027 has 1 MA's), (Start: 174 @28051 has 20 MA's), (Start: 184 @28066 has 1 MA's), (187, 28078), (220, 28189), (270, 28303), (277, 28321), (294, 28360), (304, 28384), (317, 28420), (343, 28486), (392, 28594), (416, 28642), (424, 28654), (448, 28699), (455, 28711), (470, 28741),

Gene: Froghopper_11 Start: 5734, Stop: 6669, Start Num: 87
Candidate Starts for Froghopper_11:
(Start: 71 @5701 has 225 MA's), (Start: 87 @5734 has 5 MA's), (92, 5752), (Start: 94 @5755 has 1 MA's), (203, 6022), (220, 6073), (223, 6085), (264, 6160), (284, 6223), (289, 6235), (299, 6256), (304, 6268), (309, 6286), (317, 6304), (321, 6328), (343, 6367), (384, 6448), (392, 6472), (393, 6475), (394, 6478), (402, 6487), (446, 6574), (470, 6619), (490, 6661),

Gene: Fruitloop_30 Start: 27672, Stop: 28670, Start Num: 55
Candidate Starts for Fruitloop_30:
(Start: 55 @27672 has 35 MA's), (91, 27747), (116, 27807), (124, 27828), (Start: 160 @27912 has 1 MA's), (187, 27963), (189, 27978), (220, 28074), (264, 28161), (269, 28185), (277, 28206), (294, 28245), (299, 28257), (317, 28305), (322, 28332), (333, 28356), (343, 28371), (392, 28479), (416, 28527), (455, 28596), (470, 28626),

Gene: FudgeTart_248 Start: 144445, Stop: 145473, Start Num: 57
Candidate Starts for FudgeTart_248:
(Start: 57 @144445 has 189 MA's), (Start: 67 @144475 has 3 MA's), (73, 144487), (91, 144529), (116, 144592), (124, 144613), (Start: 160 @144697 has 1 MA's), (Start: 184 @144739 has 1 MA's), (187, 144751), (189, 144766), (210, 144835), (220, 144862), (244, 144916), (261, 144961), (262, 144964), (288, 145042), (299, 145063), (343, 145174), (386, 145264), (392, 145282), (430, 145354), (448, 145387),

Gene: Funsized_52 Start: 45288, Stop: 46286, Start Num: 82
Candidate Starts for Funsized_52:
(Start: 82 @45288 has 12 MA's), (Start: 94 @45318 has 1 MA's), (Start: 101 @45339 has 1 MA's), (Start: 102 @45342 has 1 MA's), (103, 45348), (134, 45429), (Start: 162 @45477 has 23 MA's), (168, 45486), (218, 45642), (220, 45648), (233, 45684), (251, 45711), (265, 45732), (306, 45843), (317, 45873), (338, 45939), (372, 46014), (374, 46017), (421, 46128),

Gene: Funston_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Funston_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Fushigi_10 Start: 5921, Stop: 6889, Start Num: 71
Candidate Starts for Fushigi_10:
(Start: 71 @5921 has 225 MA's), (Start: 87 @5954 has 5 MA's), (92, 5972), (Start: 94 @5975 has 1 MA's), (203, 6242), (220, 6293), (223, 6305), (264, 6380), (294, 6464), (299, 6476), (304, 6488), (309, 6506), (317, 6524), (321, 6548), (343, 6587), (384, 6668), (392, 6692), (393, 6695), (394, 6698), (402, 6707), (446, 6794), (490, 6881),

Gene: GMA5_15 Start: 12085, Stop: 12933, Start Num: 181
Candidate Starts for GMA5_15:
(38, 11686), (49, 11743), (51, 11749), (Start: 181 @12085 has 57 MA's), (197, 12163), (211, 12208), (246, 12310), (312, 12511), (334, 12583), (347, 12616), (368, 12676), (370, 12682), (467, 12865),

Gene: GMonster_9 Start: 5627, Stop: 6595, Start Num: 71
Candidate Starts for GMonster_9:
(Start: 71 @5627 has 225 MA's), (Start: 87 @5660 has 5 MA's), (92, 5678), (Start: 94 @5681 has 1 MA's), (203, 5948), (220, 5999), (223, 6011), (264, 6086), (284, 6149), (289, 6161), (299, 6182), (304, 6194), (309, 6212), (317, 6230), (321, 6254), (343, 6293), (384, 6374), (392, 6398), (393, 6401), (394, 6404), (402, 6413), (436, 6479), (446, 6500), (490, 6587),

Gene: GRU3_15 Start: 12090, Stop: 12938, Start Num: 181
Candidate Starts for GRU3_15:
(Start: 181 @12090 has 57 MA's), (197, 12168), (211, 12213), (246, 12315), (363, 12672), (368, 12681), (418, 12783), (467, 12870),

Gene: GUmbie_31 Start: 27537, Stop: 28538, Start Num: 63
Candidate Starts for GUmbie_31:
(2, 26916), (4, 26994), (8, 27057), (16, 27096), (24, 27249), (28, 27285), (Start: 63 @27537 has 221 MA's), (Start: 67 @27558 has 3 MA's), (73, 27570), (91, 27612), (116, 27675), (124, 27696), (138, 27726), (Start: 160 @27780 has 1 MA's), (Start: 174 @27804 has 20 MA's), (187, 27831), (220, 27942), (270, 28056), (277, 28074), (294, 28113), (304, 28137), (317, 28173), (322, 28200), (343, 28239), (369, 28287), (392, 28347), (424, 28407), (455, 28464), (470, 28494),

Gene: Gabriel_255 Start: 143426, Stop: 144454, Start Num: 57
Candidate Starts for Gabriel_255:
(Start: 57 @143426 has 189 MA's), (Start: 67 @143456 has 3 MA's), (73, 143468), (91, 143510), (116, 143573), (124, 143594), (Start: 160 @143678 has 1 MA's), (Start: 184 @143720 has 1 MA's), (187, 143732), (189, 143747), (210, 143816), (220, 143843), (244, 143897), (261, 143942), (262, 143945), (288, 144023), (299, 144044), (343, 144155), (386, 144245), (392, 144263), (430, 144335), (448, 144368),

Gene: Gachnar_10 Start: 6075, Stop: 7010, Start Num: 87
Candidate Starts for Gachnar_10:
(Start: 71 @6042 has 225 MA's), (Start: 87 @6075 has 5 MA's), (92, 6093), (Start: 94 @6096 has 1 MA's), (203, 6363), (220, 6414), (223, 6426), (264, 6501), (284, 6564), (289, 6576), (299, 6597), (304, 6609), (309, 6627), (317, 6645), (321, 6669), (343, 6708), (384, 6789), (392, 6813), (393, 6816), (394, 6819), (402, 6828), (446, 6915), (490, 7002),

Gene: Gadjet_48 Start: 41547, Stop: 42611, Start Num: 52
Candidate Starts for Gadjet_48:
(Start: 52 @41547 has 53 MA's), (Start: 77 @41610 has 3 MA's), (110, 41691), (138, 41757), (144, 41772), (147, 41784), (161, 41811), (188, 41868), (190, 41877), (242, 42024), (251, 42039), (269, 42093), (282, 42126), (301, 42165), (305, 42177), (331, 42258), (343, 42276), (344, 42279), (416, 42435), (475, 42546), (486, 42567), (499, 42600),

Gene: Gadost_10 Start: 5885, Stop: 6865, Start Num: 84
Candidate Starts for Gadost_10:
(Start: 84 @5885 has 125 MA's), (Start: 86 @5888 has 14 MA's), (Start: 94 @5912 has 1 MA's), (Start: 101 @5933 has 1 MA's), (Start: 102 @5936 has 1 MA's), (200, 6185), (220, 6242), (265, 6326), (269, 6347), (280, 6374), (296, 6404), (306, 6431), (363, 6581), (411, 6692), (417, 6704), (421, 6716), (456, 6782),

Gene: GageAP_11 Start: 6246, Stop: 7214, Start Num: 71
Candidate Starts for GageAP_11:

(Start: 71 @6246 has 225 MA's), (Start: 87 @6279 has 5 MA's), (92, 6297), (Start: 94 @6300 has 1 MA's), (203, 6567), (220, 6618), (223, 6630), (264, 6705), (284, 6768), (289, 6780), (299, 6801), (304, 6813), (309, 6831), (317, 6849), (321, 6873), (343, 6912), (384, 6993), (392, 7017), (393, 7020), (394, 7023), (402, 7032), (446, 7119), (470, 7164), (490, 7206),

Gene: Gaia_34 Start: 30705, Stop: 31589, Start Num: 154
Candidate Starts for Gaia_34:
(Start: 154 @30705 has 32 MA's), (157, 30714), (Start: 171 @30735 has 1 MA's), (207, 30864), (209, 30870), (217, 30900), (220, 30909), (241, 30951), (266, 31020), (316, 31167), (319, 31179), (344, 31236), (351, 31257), (366, 31299), (385, 31350), (391, 31365), (392, 31368), (412, 31392), (445, 31443), (459, 31476), (477, 31527), (500, 31581),

Gene: Gamgam_254 Start: 143783, Stop: 144811, Start Num: 57
Candidate Starts for Gamgam_254:
(Start: 57 @143783 has 189 MA's), (Start: 67 @143813 has 3 MA's), (73, 143825), (91, 143867), (116, 143930), (124, 143951), (Start: 160 @144035 has 1 MA's), (Start: 184 @144077 has 1 MA's), (187, 144089), (189, 144104), (210, 144173), (220, 144200), (244, 144254), (261, 144299), (262, 144302), (288, 144380), (299, 144401), (343, 144512), (386, 144602), (392, 144620), (430, 144692), (448, 144725),

Gene: Gandalf20_11 Start: 6816, Stop: 7784, Start Num: 71
Candidate Starts for Gandalf20_11:
(Start: 71 @6816 has 225 MA's), (Start: 87 @6849 has 5 MA's), (92, 6867), (Start: 94 @6870 has 1 MA's), (203, 7137), (220, 7188), (223, 7200), (264, 7275), (284, 7338), (289, 7350), (299, 7371), (304, 7383), (309, 7401), (317, 7419), (321, 7443), (343, 7482), (384, 7563), (392, 7587), (393, 7590), (394, 7593), (402, 7602), (446, 7689), (470, 7734), (490, 7776),

Gene: Gandalph_32 Start: 27860, Stop: 28861, Start Num: 63
Candidate Starts for Gandalph_32:
(Start: 63 @27860 has 221 MA's), (Start: 67 @27881 has 3 MA's), (73, 27893), (91, 27935), (116, 27998), (124, 28019), (138, 28049), (Start: 160 @28103 has 1 MA's), (Start: 174 @28127 has 20 MA's), (187, 28154), (220, 28265), (270, 28379), (277, 28397), (294, 28436), (304, 28460), (317, 28496), (322, 28523), (343, 28562), (392, 28670), (416, 28718), (455, 28787), (470, 28817),

Gene: Ganymede_32 Start: 26474, Stop: 27346, Start Num: 176
Candidate Starts for Ganymede_32:
(157, 26447), (Start: 176 @26474 has 165 MA's), (Start: 184 @26486 has 1 MA's), (200, 26555), (210, 26582), (217, 26612), (220, 26621), (233, 26657), (238, 26666), (257, 26699), (264, 26717), (271, 26747), (301, 26807), (350, 26942), (364, 26969), (373, 26990), (381, 27014), (398, 27065), (419, 27167), (442, 27203), (455, 27227), (495, 27326), (498, 27335),

Gene: Gardann_28 Start: 26305, Stop: 27276, Start Num: 80
Candidate Starts for Gardann_28:
(Start: 80 @26305 has 47 MA's), (99, 26359), (144, 26479), (156, 26509), (167, 26524), (Start: 184 @26557 has 1 MA's), (185, 26560), (187, 26569), (190, 26590), (210, 26653), (220, 26680), (228, 26704), (244, 26734), (270, 26785), (274, 26797), (305, 26860), (309, 26875), (321, 26935), (327, 26950), (364, 27031), (373, 27049), (375, 27052), (376, 27055), (424, 27106), (448, 27151), (465, 27193), (485, 27235),

Gene: GardenSalsa_43 Start: 32893, Stop: 33870, Start Num: 84
Candidate Starts for GardenSalsa_43:
(Start: 84 @32893 has 125 MA's), (Start: 94 @32920 has 1 MA's), (141, 33043), (152, 33073), (185, 33130), (187, 33139), (196, 33184), (200, 33196), (211, 33226), (220, 33250), (226, 33268), (238,

33295), (262, 33334), (273, 33373), (274, 33376), (313, 33463), (320, 33478), (384, 33631), (385, 33634), (388, 33643), (392, 33655), (395, 33664), (409, 33685), (416, 33706), (456, 33781),

Gene: GaugeLDP_13 Start: 7785, Stop: 8762, Start Num: 83
Candidate Starts for GaugeLDP_13:
(Start: 83 @7785 has 55 MA's), (Start: 94 @7815 has 1 MA's), (Start: 101 @7836 has 1 MA's), (Start: 102 @7839 has 1 MA's), (112, 7872), (Start: 162 @7974 has 23 MA's), (175, 7998), (196, 8076), (200, 8088), (220, 8145), (223, 8157), (279, 8274), (306, 8334), (335, 8418), (363, 8481), (421, 8616), (456, 8682), (480, 8736),

Gene: Gemma_12 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Gemma_12:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: GenevaB15_43 Start: 32938, Stop: 33918, Start Num: 84
Candidate Starts for GenevaB15_43:
(Start: 84 @32938 has 125 MA's), (Start: 94 @32965 has 1 MA's), (130, 33061), (141, 33088), (152, 33118), (185, 33175), (187, 33184), (220, 33295), (273, 33418), (274, 33421), (313, 33511), (320, 33526), (384, 33679), (385, 33682), (388, 33691), (392, 33703), (395, 33712), (409, 33733), (416, 33754), (456, 33829),

Gene: Gengar_30 Start: 27074, Stop: 27946, Start Num: 176
Candidate Starts for Gengar_30:
(Start: 176 @27074 has 165 MA's), (Start: 184 @27086 has 1 MA's), (186, 27092), (190, 27119), (198, 27149), (200, 27155), (217, 27209), (220, 27218), (223, 27230), (238, 27263), (257, 27296), (271, 27344), (364, 27566), (371, 27584), (373, 27587), (393, 27647), (398, 27665), (402, 27692), (419, 27764), (430, 27779), (442, 27800), (444, 27803), (455, 27824), (490, 27917), (495, 27926), (498, 27935),

Gene: George_7 Start: 5355, Stop: 6164, Start Num: 181
Candidate Starts for George_7:
(Start: 181 @5355 has 57 MA's), (194, 5418), (197, 5427), (213, 5484), (230, 5532), (261, 5613), (322, 5802), (343, 5844), (362, 5901), (380, 5943), (495, 6150),

Gene: Georgie2_12 Start: 6373, Stop: 7365, Start Num: 83
Candidate Starts for Georgie2_12:
(Start: 83 @6373 has 55 MA's), (Start: 101 @6424 has 1 MA's), (Start: 102 @6427 has 1 MA's), (112, 6460), (119, 6475), (179, 6595), (Start: 184 @6601 has 1 MA's), (205, 6688), (220, 6733), (278, 6865), (294, 6904), (310, 6952), (338, 7033), (358, 7075), (393, 7162), (417, 7210), (448, 7276), (481, 7351),

Gene: Geraldini_31 Start: 26471, Stop: 27343, Start Num: 176
Candidate Starts for Geraldini_31:
(157, 26444), (Start: 176 @26471 has 165 MA's), (Start: 184 @26483 has 1 MA's), (200, 26552), (210, 26579), (217, 26609), (220, 26618), (233, 26654), (238, 26663), (257, 26696), (264, 26714), (271, 26744), (301, 26804), (350, 26939), (364, 26966), (373, 26987), (381, 27011), (398, 27062), (419, 27164), (442, 27200), (455, 27224), (495, 27323), (498, 27332),

Gene: Geralt_31 Start: 27520, Stop: 28521, Start Num: 63
Candidate Starts for Geralt_31:
(37, 27421), (Start: 63 @27520 has 221 MA's), (Start: 67 @27541 has 3 MA's), (73, 27553), (91, 27595), (116, 27658), (124, 27679), (Start: 160 @27763 has 1 MA's), (Start: 174 @27787 has 20

MA's), (Start: 184 @27802 has 1 MA's), (187, 27814), (220, 27925), (270, 28039), (277, 28057), (294, 28096), (304, 28120), (317, 28156), (322, 28183), (343, 28222), (369, 28270), (392, 28330), (416, 28378), (424, 28390), (448, 28435), (455, 28447),

Gene: Gervas_47 Start: 41514, Stop: 42578, Start Num: 52
Candidate Starts for Gervas_47:
(Start: 52 @41514 has 53 MA's), (Start: 77 @41577 has 3 MA's), (110, 41658), (138, 41724), (144, 41739), (147, 41751), (161, 41778), (188, 41835), (190, 41844), (242, 41991), (251, 42006), (269, 42060), (282, 42093), (301, 42132), (305, 42144), (331, 42225), (343, 42243), (344, 42246), (369, 42291), (416, 42402), (475, 42513), (486, 42534), (499, 42567),

Gene: Ghost_252 Start: 144407, Stop: 145435, Start Num: 57
Candidate Starts for Ghost_252:
(Start: 57 @144407 has 189 MA's), (Start: 67 @144437 has 3 MA's), (73, 144449), (91, 144491), (116, 144554), (124, 144575), (Start: 160 @144659 has 1 MA's), (Start: 184 @144701 has 1 MA's), (187, 144713), (189, 144728), (210, 144797), (220, 144824), (244, 144878), (261, 144923), (262, 144926), (288, 145004), (299, 145025), (343, 145136), (386, 145226), (392, 145244), (430, 145316), (448, 145349),

Gene: Ghoulboy_8 Start: 5432, Stop: 6241, Start Num: 181
Candidate Starts for Ghoulboy_8:
(Start: 181 @5432 has 57 MA's), (194, 5495), (197, 5504), (213, 5561), (230, 5609), (256, 5666), (261, 5690), (322, 5879), (343, 5921), (362, 5978), (495, 6227),

Gene: GigiOuiOui_31 Start: 27649, Stop: 28650, Start Num: 63
Candidate Starts for GigiOuiOui_31:
(2, 27028), (4, 27106), (8, 27169), (16, 27208), (24, 27361), (28, 27397), (Start: 63 @27649 has 221 MA's), (Start: 67 @27670 has 3 MA's), (73, 27682), (91, 27724), (116, 27787), (124, 27808), (138, 27838), (Start: 160 @27892 has 1 MA's), (Start: 174 @27916 has 20 MA's), (187, 27943), (220, 28054), (270, 28168), (277, 28186), (294, 28225), (304, 28249), (317, 28285), (322, 28312), (343, 28351), (369, 28399), (392, 28459), (424, 28519), (455, 28576), (470, 28606),

Gene: Gimesa_40 Start: 35145, Stop: 36194, Start Num: 63
Candidate Starts for Gimesa_40:
(Start: 63 @35145 has 221 MA's), (95, 35229), (97, 35238), (105, 35262), (116, 35292), (124, 35313), (131, 35331), (140, 35349), (147, 35370), (151, 35379), (Start: 160 @35397 has 1 MA's), (Start: 181 @35424 has 57 MA's), (190, 35466), (234, 35598), (245, 35619), (277, 35718), (287, 35745), (317, 35817), (340, 35871), (410, 36021), (426, 36048), (430, 36057), (454, 36099), (455, 36102), (457, 36108), (460, 36117), (483, 36153), (488, 36162), (493, 36171),

Gene: GingkoMaracino_12 Start: 5848, Stop: 6813, Start Num: 65
Candidate Starts for GingkoMaracino_12:
(Start: 65 @5848 has 101 MA's), (69, 5860), (88, 5893), (Start: 94 @5914 has 1 MA's), (189, 6124), (220, 6229), (269, 6325), (274, 6340), (282, 6358), (302, 6406), (304, 6409), (305, 6412), (309, 6427), (341, 6511), (369, 6568), (393, 6631), (413, 6670), (486, 6802),

Gene: Girafales_32 Start: 27328, Stop: 28329, Start Num: 63
Candidate Starts for Girafales_32:
(Start: 63 @27328 has 221 MA's), (91, 27403), (Start: 102 @27436 has 1 MA's), (116, 27466), (124, 27487), (Start: 160 @27571 has 1 MA's), (Start: 174 @27595 has 20 MA's), (Start: 184 @27610 has 1 MA's), (187, 27622), (220, 27733), (270, 27847), (277, 27865), (294, 27904), (304, 27928), (317, 27964), (322, 27991), (343, 28030), (369, 28078), (392, 28138), (416, 28186), (424, 28198), (448, 28243), (455, 28255), (470, 28285),

Gene: Giroux_11 Start: 5739, Stop: 6479, Start Num: 166
Candidate Starts for Giroux_11:
(100, 5622), (Start: 166 @5739 has 22 MA's), (200, 5826), (220, 5883), (223, 5895), (225, 5898), (235, 5922), (249, 5937), (261, 5955), (269, 5985), (271, 5991), (274, 6000), (282, 6018), (304, 6069), (309, 6087), (334, 6159), (357, 6201), (369, 6228), (381, 6255), (392, 6288), (393, 6291), (413, 6330), (492, 6471),

Gene: Girr_33 Start: 28455, Stop: 29525, Start Num: 63
Candidate Starts for Girr_33:
(43, 28404), (Start: 63 @28455 has 221 MA's), (Start: 67 @28476 has 3 MA's), (Start: 70 @28482 has 1 MA's), (Start: 87 @28509 has 5 MA's), (90, 28518), (110, 28578), (123, 28605), (147, 28671), (Start: 181 @28725 has 57 MA's), (190, 28767), (203, 28818), (229, 28902), (242, 28932), (255, 28965), (276, 29040), (284, 29061), (331, 29190), (369, 29262), (410, 29358), (416, 29370), (455, 29439), (483, 29496), (488, 29505),

Gene: Gizmo_258 Start: 147272, Stop: 148300, Start Num: 57
Candidate Starts for Gizmo_258:
(Start: 57 @147272 has 189 MA's), (Start: 67 @147302 has 3 MA's), (73, 147314), (91, 147356), (116, 147419), (124, 147440), (Start: 160 @147524 has 1 MA's), (Start: 184 @147566 has 1 MA's), (187, 147578), (189, 147593), (210, 147662), (220, 147689), (244, 147743), (261, 147788), (262, 147791), (288, 147869), (299, 147890), (343, 148001), (386, 148091), (392, 148109), (430, 148181), (448, 148214),

Gene: Glaske16_39 Start: 31793, Stop: 32764, Start Num: 85
Candidate Starts for Glaske16_39:
(Start: 85 @31793 has 15 MA's), (Start: 94 @31817 has 1 MA's), (98, 31832), (152, 31970), (Start: 171 @31997 has 1 MA's), (179, 32015), (185, 32027), (187, 32036), (196, 32081), (200, 32093), (210, 32120), (220, 32147), (223, 32159), (244, 32204), (262, 32231), (270, 32261), (273, 32270), (274, 32273), (313, 32360), (320, 32375), (384, 32528), (385, 32531), (410, 32591), (416, 32603), (419, 32612), (442, 32648), (450, 32663), (466, 32702), (482, 32735),

Gene: GlenHope_48 Start: 41527, Stop: 42591, Start Num: 52
Candidate Starts for GlenHope_48:
(Start: 52 @41527 has 53 MA's), (Start: 77 @41590 has 3 MA's), (110, 41671), (138, 41737), (144, 41752), (147, 41764), (161, 41791), (188, 41848), (190, 41857), (242, 42004), (251, 42019), (269, 42073), (282, 42106), (301, 42145), (305, 42157), (331, 42238), (343, 42256), (344, 42259), (416, 42415), (475, 42526), (486, 42547), (499, 42580),

Gene: Glubnar_48 Start: 41526, Stop: 42590, Start Num: 52
Candidate Starts for Glubnar_48:
(Start: 52 @41526 has 53 MA's), (Start: 77 @41589 has 3 MA's), (110, 41670), (138, 41736), (144, 41751), (147, 41763), (161, 41790), (188, 41847), (190, 41856), (242, 42003), (251, 42018), (269, 42072), (282, 42105), (301, 42144), (305, 42156), (331, 42237), (343, 42255), (344, 42258), (369, 42303), (416, 42414), (475, 42525), (486, 42546), (499, 42579),

Gene: GlutenPhree_253 Start: 143794, Stop: 144822, Start Num: 57
Candidate Starts for GlutenPhree_253:
(Start: 57 @143794 has 189 MA's), (Start: 67 @143824 has 3 MA's), (73, 143836), (91, 143878), (116, 143941), (124, 143962), (Start: 160 @144046 has 1 MA's), (Start: 184 @144088 has 1 MA's), (187, 144100), (189, 144115), (210, 144184), (220, 144211), (244, 144265), (261, 144310), (262, 144313), (288, 144391), (299, 144412), (343, 144523), (386, 144613), (392, 144631), (430, 144703), (448, 144736),

Gene: GoldenSnow_251 Start: 144944, Stop: 145972, Start Num: 57
Candidate Starts for GoldenSnow_251:
(Start: 57 @144944 has 189 MA's), (Start: 67 @144974 has 3 MA's), (73, 144986), (91, 145028), (116, 145091), (124, 145112), (Start: 160 @145196 has 1 MA's), (Start: 184 @145238 has 1 MA's), (187, 145250), (189, 145265), (210, 145334), (220, 145361), (244, 145415), (261, 145460), (262, 145463), (288, 145541), (299, 145562), (343, 145673), (386, 145763), (392, 145781), (430, 145853), (448, 145886),

Gene: Gompeii16_10 Start: 6219, Stop: 7187, Start Num: 71
Candidate Starts for Gompeii16_10:
(Start: 71 @6219 has 225 MA's), (Start: 87 @6252 has 5 MA's), (92, 6270), (Start: 94 @6273 has 1 MA's), (203, 6540), (220, 6591), (223, 6603), (264, 6678), (284, 6741), (299, 6774), (304, 6786), (309, 6804), (317, 6822), (321, 6846), (343, 6885), (384, 6966), (392, 6990), (393, 6993), (394, 6996), (402, 7005), (446, 7092), (490, 7179),

Gene: Goose_10 Start: 5711, Stop: 6685, Start Num: 72
Candidate Starts for Goose_10:
(60, 5672), (Start: 72 @5711 has 61 MA's), (Start: 94 @5765 has 1 MA's), (155, 5918), (220, 6080), (225, 6095), (264, 6164), (269, 6188), (271, 6194), (274, 6203), (304, 6272), (309, 6290), (322, 6335), (330, 6353), (369, 6431), (381, 6458), (386, 6473), (393, 6494), (440, 6584), (460, 6626), (492, 6677),

Gene: Goose1D_10 Start: 4987, Stop: 5727, Start Num: 166
Candidate Starts for Goose1D_10:
(Start: 166 @4987 has 22 MA's), (200, 5074), (220, 5131), (223, 5143), (225, 5146), (235, 5170), (249, 5185), (269, 5233), (271, 5239), (282, 5266), (309, 5335), (334, 5407), (357, 5449), (369, 5476), (381, 5503), (392, 5536), (393, 5539), (413, 5578), (492, 5719),

Gene: Goose1X_10 Start: 5059, Stop: 5799, Start Num: 166
Candidate Starts for Goose1X_10:
(Start: 166 @5059 has 22 MA's), (200, 5146), (220, 5203), (223, 5215), (225, 5218), (235, 5242), (249, 5257), (269, 5305), (271, 5311), (282, 5338), (309, 5407), (334, 5479), (357, 5521), (369, 5548), (381, 5575), (392, 5608), (393, 5611), (413, 5650), (492, 5791),

Gene: Gorge_31 Start: 27751, Stop: 28752, Start Num: 63
Candidate Starts for Gorge_31:
(Start: 63 @27751 has 221 MA's), (91, 27826), (Start: 102 @27859 has 1 MA's), (116, 27889), (124, 27910), (138, 27940), (142, 27952), (Start: 160 @27994 has 1 MA's), (Start: 174 @28018 has 20 MA's), (Start: 184 @28033 has 1 MA's), (187, 28045), (220, 28156), (270, 28270), (277, 28288), (294, 28327), (304, 28351), (317, 28387), (343, 28453), (392, 28561), (416, 28609), (424, 28621), (448, 28666), (455, 28678), (470, 28708),

Gene: Graduation_12 Start: 6781, Stop: 7749, Start Num: 71
Candidate Starts for Graduation_12:
(Start: 71 @6781 has 225 MA's), (Start: 87 @6814 has 5 MA's), (92, 6832), (Start: 94 @6835 has 1 MA's), (203, 7102), (220, 7153), (223, 7165), (264, 7240), (284, 7303), (299, 7336), (304, 7348), (309, 7366), (317, 7384), (343, 7447), (384, 7528), (392, 7552), (393, 7555), (394, 7558), (402, 7567), (446, 7654), (470, 7699), (490, 7741),

Gene: Grasshills_259 Start: 146393, Stop: 147421, Start Num: 57
Candidate Starts for Grasshills_259:
(Start: 57 @146393 has 189 MA's), (Start: 67 @146423 has 3 MA's), (73, 146435), (91, 146477), (116, 146540), (124, 146561), (Start: 160 @146645 has 1 MA's), (Start: 184 @146687 has 1 MA's), (187,

146699), (189, 146714), (210, 146783), (220, 146810), (244, 146864), (261, 146909), (262, 146912), (288, 146990), (299, 147011), (343, 147122), (386, 147212), (392, 147230), (430, 147302), (448, 147335),

Gene: Gratitude_13 Start: 6926, Stop: 7903, Start Num: 72
Candidate Starts for Gratitude_13:
(Start: 72 @6926 has 61 MA's), (Start: 94 @6980 has 1 MA's), (119, 7037), (189, 7169), (200, 7217), (220, 7274), (233, 7310), (264, 7358), (274, 7397), (305, 7469), (309, 7484), (322, 7529), (330, 7547), (348, 7589), (369, 7637), (381, 7664), (386, 7679), (392, 7697), (393, 7700), (440, 7790),

Gene: GrecoEtereo_11 Start: 6325, Stop: 7287, Start Num: 71
Candidate Starts for GrecoEtereo_11:
(Start: 71 @6325 has 225 MA's), (Start: 87 @6358 has 5 MA's), (92, 6376), (Start: 94 @6379 has 1 MA's), (187, 6580), (203, 6646), (220, 6691), (265, 6781), (294, 6862), (299, 6874), (304, 6886), (309, 6904), (317, 6922), (321, 6946), (343, 6985), (384, 7066), (392, 7090), (393, 7093), (394, 7096), (402, 7105), (446, 7192), (470, 7237), (490, 7279),

Gene: Greg_11 Start: 5830, Stop: 6798, Start Num: 71
Candidate Starts for Greg_11:
(Start: 71 @5830 has 225 MA's), (Start: 87 @5863 has 5 MA's), (92, 5881), (Start: 94 @5884 has 1 MA's), (203, 6151), (220, 6202), (223, 6214), (264, 6289), (284, 6352), (289, 6364), (299, 6385), (304, 6397), (309, 6415), (317, 6433), (321, 6457), (343, 6496), (384, 6577), (392, 6601), (393, 6604), (394, 6607), (402, 6616), (446, 6703), (490, 6790),

Gene: Grif_12 Start: 6045, Stop: 7010, Start Num: 65
Candidate Starts for Grif_12:
(Start: 65 @6045 has 101 MA's), (88, 6090), (Start: 94 @6111 has 1 MA's), (139, 6231), (200, 6369), (220, 6426), (225, 6441), (269, 6522), (274, 6537), (282, 6555), (304, 6606), (309, 6624), (322, 6669), (369, 6765), (393, 6828), (413, 6867), (440, 6918),

Gene: Grimmer_33 Start: 28242, Stop: 29243, Start Num: 63
Candidate Starts for Grimmer_33:
(37, 28143), (Start: 63 @28242 has 221 MA's), (91, 28317), (Start: 102 @28350 has 1 MA's), (116, 28380), (124, 28401), (Start: 160 @28485 has 1 MA's), (Start: 174 @28509 has 20 MA's), (Start: 184 @28524 has 1 MA's), (187, 28536), (220, 28647), (270, 28761), (277, 28779), (294, 28818), (304, 28842), (317, 28878), (322, 28905), (343, 28944), (369, 28992), (392, 29052), (424, 29112), (448, 29157), (455, 29169), (470, 29199),

Gene: GroundGoblin_11 Start: 6577, Stop: 7539, Start Num: 71
Candidate Starts for GroundGoblin_11:
(Start: 71 @6577 has 225 MA's), (Start: 87 @6610 has 5 MA's), (92, 6628), (Start: 94 @6631 has 1 MA's), (203, 6898), (220, 6943), (265, 7033), (294, 7114), (299, 7126), (304, 7138), (309, 7156), (317, 7174), (321, 7198), (343, 7237), (384, 7318), (392, 7342), (393, 7345), (394, 7348), (402, 7357), (446, 7444), (470, 7489), (490, 7531),

Gene: Groundhog_7 Start: 4839, Stop: 5648, Start Num: 181
Candidate Starts for Groundhog_7:
(Start: 181 @4839 has 57 MA's), (202, 4923), (213, 4968), (236, 5028), (260, 5094), (343, 5328), (355, 5367), (362, 5385), (378, 5418), (382, 5436), (416, 5481), (444, 5505), (495, 5634),

Gene: Groupthink_13 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Groupthink_13:

(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: Grub_12 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for Grub_12:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: Grum1_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for Grum1_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: Grungle_234 Start: 141672, Stop: 142700, Start Num: 57
Candidate Starts for Grungle_234:
(Start: 57 @141672 has 189 MA's), (Start: 67 @141702 has 3 MA's), (73, 141714), (91, 141756), (116, 141819), (124, 141840), (Start: 160 @141924 has 1 MA's), (Start: 184 @141966 has 1 MA's), (187, 141978), (189, 141993), (210, 142062), (220, 142089), (244, 142143), (261, 142188), (262, 142191), (288, 142269), (299, 142290), (343, 142401), (386, 142491), (392, 142509), (430, 142581), (448, 142614),

Gene: GtownJaz_12 Start: 5963, Stop: 6928, Start Num: 65
Candidate Starts for GtownJaz_12:
(Start: 65 @5963 has 101 MA's), (88, 6008), (Start: 94 @6029 has 1 MA's), (139, 6149), (200, 6287), (220, 6344), (225, 6359), (269, 6440), (274, 6455), (282, 6473), (304, 6524), (309, 6542), (322, 6587), (369, 6683), (393, 6746), (413, 6785), (440, 6836),

Gene: Guanica15_31 Start: 25719, Stop: 26588, Start Num: 176
Candidate Starts for Guanica15_31:
(148, 25671), (157, 25692), (Start: 176 @25719 has 165 MA's), (Start: 184 @25731 has 1 MA's), (189, 25758), (190, 25764), (198, 25794), (200, 25800), (220, 25863), (233, 25899), (238, 25908), (257, 25941), (271, 25989), (304, 26058), (364, 26211), (373, 26232), (381, 26256), (387, 26274), (394, 26295), (402, 26334), (419, 26409), (442, 26445), (478, 26538), (495, 26568), (498, 26577),

Gene: Guillsminger_30 Start: 27046, Stop: 27918, Start Num: 176
Candidate Starts for Guillsminger_30:
(Start: 176 @27046 has 165 MA's), (Start: 184 @27058 has 1 MA's), (186, 27064), (190, 27091), (198, 27121), (200, 27127), (217, 27181), (220, 27190), (223, 27202), (238, 27235), (257, 27268), (271, 27316), (304, 27385), (364, 27538), (371, 27556), (373, 27559), (393, 27619), (398, 27637), (402, 27664), (419, 27736), (442, 27772), (444, 27775), (455, 27796), (473, 27853), (490, 27889), (495, 27898), (498, 27907),

Gene: Guppsters_33 Start: 28042, Stop: 29043, Start Num: 63
Candidate Starts for Guppsters_33:
(Start: 63 @28042 has 221 MA's), (91, 28117), (Start: 102 @28150 has 1 MA's), (116, 28180), (124, 28201), (Start: 160 @28285 has 1 MA's), (187, 28336), (189, 28351), (220, 28447), (269, 28558), (277, 28579), (294, 28618), (299, 28630), (317, 28678), (322, 28705), (333, 28729), (343, 28744), (392, 28852), (416, 28900), (455, 28969), (470, 28999),

Gene: GuuelaD_28 Start: 26337, Stop: 27308, Start Num: 80

Candidate Starts for GuuelaD_28:
(Start: 80 @26337 has 47 MA's), (99, 26391), (144, 26511), (156, 26541), (167, 26556), (Start: 184 @26589 has 1 MA's), (185, 26592), (187, 26601), (190, 26622), (210, 26685), (220, 26712), (228, 26736), (244, 26766), (270, 26817), (274, 26829), (305, 26892), (309, 26907), (321, 26967), (327, 26982), (364, 27063), (373, 27081), (375, 27084), (376, 27087), (424, 27138), (448, 27183), (465, 27225), (485, 27267),

Gene: Guwapp_248 Start: 143241, Stop: 144269, Start Num: 57
Candidate Starts for Guwapp_248:
(Start: 57 @143241 has 189 MA's), (Start: 67 @143271 has 3 MA's), (73, 143283), (91, 143325), (116, 143388), (124, 143409), (Start: 160 @143493 has 1 MA's), (Start: 184 @143535 has 1 MA's), (187, 143547), (189, 143562), (210, 143631), (220, 143658), (244, 143712), (261, 143757), (262, 143760), (288, 143838), (299, 143859), (343, 143970), (386, 144060), (392, 144078), (430, 144150), (448, 144183),

Gene: Gwendoluna_11 Start: 6701, Stop: 7669, Start Num: 71
Candidate Starts for Gwendoluna_11:
(Start: 71 @6701 has 225 MA's), (Start: 87 @6734 has 5 MA's), (92, 6752), (Start: 94 @6755 has 1 MA's), (203, 7022), (220, 7073), (223, 7085), (264, 7160), (284, 7223), (289, 7235), (299, 7256), (304, 7268), (309, 7286), (317, 7304), (321, 7328), (343, 7367), (384, 7448), (392, 7472), (393, 7475), (394, 7478), (402, 7487), (446, 7574),

Gene: Gwennie_12 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for Gwennie_12:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Gyzlar_11 Start: 6460, Stop: 7428, Start Num: 71
Candidate Starts for Gyzlar_11:
(Start: 71 @6460 has 225 MA's), (Start: 87 @6493 has 5 MA's), (92, 6511), (Start: 94 @6514 has 1 MA's), (203, 6781), (220, 6832), (223, 6844), (264, 6919), (284, 6982), (289, 6994), (299, 7015), (304, 7027), (309, 7045), (317, 7063), (321, 7087), (343, 7126), (384, 7207), (392, 7231), (393, 7234), (394, 7237), (402, 7246), (446, 7333), (470, 7378), (490, 7420),

Gene: HINdeR_10 Start: 7162, Stop: 8142, Start Num: 72
Candidate Starts for HINdeR_10:
(Start: 72 @7162 has 61 MA's), (Start: 94 @7216 has 1 MA's), (111, 7270), (124, 7303), (140, 7339), (189, 7438), (220, 7543), (264, 7615), (270, 7642), (282, 7672), (309, 7741), (330, 7804), (369, 7882), (381, 7909), (386, 7924), (393, 7945), (416, 7993), (440, 8035), (471, 8101),

Gene: Hades_32 Start: 27853, Stop: 28854, Start Num: 63
Candidate Starts for Hades_32:
(2, 27232), (4, 27310), (8, 27373), (16, 27412), (21, 27544), (24, 27565), (28, 27601), (37, 27754), (50, 27826), (Start: 63 @27853 has 221 MA's), (91, 27928), (Start: 102 @27961 has 1 MA's), (116, 27991), (124, 28012), (Start: 160 @28096 has 1 MA's), (Start: 174 @28120 has 20 MA's), (Start: 184 @28135 has 1 MA's), (187, 28147), (220, 28258), (270, 28372), (277, 28390), (294, 28429), (304, 28453), (317, 28489), (322, 28516), (343, 28555), (369, 28603), (392, 28663), (424, 28723), (455, 28780), (470, 28810),

Gene: Hafay_28 Start: 26336, Stop: 27307, Start Num: 80
Candidate Starts for Hafay_28:

(Start: 80 @26336 has 47 MA's), (99, 26390), (144, 26510), (156, 26540), (167, 26555), (Start: 184 @26588 has 1 MA's), (185, 26591), (187, 26600), (190, 26621), (210, 26684), (220, 26711), (228, 26735), (244, 26765), (270, 26816), (274, 26828), (305, 26891), (309, 26906), (321, 26966), (327, 26981), (364, 27062), (373, 27080), (375, 27083), (376, 27086), (424, 27137), (448, 27182), (465, 27224), (485, 27266),

Gene: Halena_26 Start: 25558, Stop: 26589, Start Num: 64
Candidate Starts for Halena_26:
(Start: 64 @25558 has 22 MA's), (120, 25711), (122, 25714), (129, 25738), (135, 25750), (143, 25768), (150, 25786), (158, 25804), (Start: 163 @25810 has 3 MA's), (169, 25819), (185, 25849), (200, 25921), (220, 25978), (235, 26017), (271, 26095), (274, 26104), (276, 26107), (282, 26122), (302, 26176), (309, 26197), (313, 26212), (356, 26296), (369, 26326), (393, 26395), (402, 26407), (413, 26431), (419, 26449), (424, 26452), (430, 26464), (432, 26467), (448, 26497), (455, 26509),

Gene: Halfpint_46 Start: 41352, Stop: 42416, Start Num: 52
Candidate Starts for Halfpint_46:
(Start: 52 @41352 has 53 MA's), (Start: 77 @41415 has 3 MA's), (110, 41496), (138, 41562), (144, 41577), (147, 41589), (161, 41616), (188, 41673), (190, 41682), (242, 41829), (251, 41844), (269, 41898), (282, 41931), (301, 41970), (305, 41982), (331, 42063), (343, 42081), (344, 42084), (369, 42129), (416, 42240), (475, 42351), (486, 42372), (499, 42405),

Gene: Halldule_244 Start: 142854, Stop: 143882, Start Num: 57
Candidate Starts for Halldule_244:
(Start: 57 @142854 has 189 MA's), (Start: 67 @142884 has 3 MA's), (73, 142896), (91, 142938), (116, 143001), (124, 143022), (Start: 160 @143106 has 1 MA's), (Start: 184 @143148 has 1 MA's), (187, 143160), (189, 143175), (210, 143244), (220, 143271), (244, 143325), (261, 143370), (262, 143373), (288, 143451), (299, 143472), (343, 143583), (386, 143673), (392, 143691), (430, 143763), (448, 143796),

Gene: Halley_49 Start: 42575, Stop: 43447, Start Num: 154
Candidate Starts for Halley_49:
(Start: 154 @42575 has 32 MA's), (Start: 171 @42602 has 1 MA's), (189, 42662), (201, 42710), (220, 42776), (227, 42797), (241, 42818), (261, 42872), (290, 42953), (391, 43232), (392, 43235), (412, 43259), (438, 43295), (445, 43310), (453, 43322), (459, 43343),

Gene: HamSlice_9 Start: 5885, Stop: 6862, Start Num: 86
Candidate Starts for HamSlice_9:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Hami1_11 Start: 6230, Stop: 7198, Start Num: 71
Candidate Starts for Hami1_11:
(Start: 71 @6230 has 225 MA's), (Start: 87 @6263 has 5 MA's), (92, 6281), (Start: 94 @6284 has 1 MA's), (203, 6551), (220, 6602), (223, 6614), (264, 6689), (284, 6752), (289, 6764), (299, 6785), (304, 6797), (309, 6815), (317, 6833), (343, 6896), (384, 6977), (392, 7001), (393, 7004), (394, 7007), (402, 7016), (404, 7019), (470, 7148), (490, 7190),

Gene: Hammy_30 Start: 26882, Stop: 27622, Start Num: 176
Candidate Starts for Hammy_30:
(40, 26537), (125, 26783), (133, 26804), (148, 26837), (157, 26858), (Start: 176 @26882 has 165 MA's), (Start: 184 @26894 has 1 MA's), (189, 26921), (190, 26927), (217, 27011), (220, 27020), (223,

27032), (238, 27065), (257, 27098), (301, 27206), (309, 27233), (350, 27341), (364, 27368), (373, 27389), (381, 27413), (413, 27425), (416, 27434), (448, 27491), (455, 27503), (495, 27602),

Gene: Hamulus_32 Start: 28436, Stop: 29479, Start Num: 70
Candidate Starts for Hamulus_32:
(43, 28358), (Start: 63 @28409 has 221 MA's), (Start: 67 @28430 has 3 MA's), (Start: 70 @28436 has 1 MA's), (Start: 87 @28463 has 5 MA's), (90, 28472), (110, 28532), (123, 28559), (147, 28625), (Start: 181 @28679 has 57 MA's), (190, 28721), (203, 28772), (229, 28856), (242, 28886), (255, 28919), (276, 28994), (284, 29015), (331, 29144), (369, 29216), (410, 29312), (416, 29324), (455, 29393), (483, 29450), (488, 29459),

Gene: HanShotFirst_10 Start: 5623, Stop: 6591, Start Num: 71
Candidate Starts for HanShotFirst_10:
(Start: 71 @5623 has 225 MA's), (Start: 87 @5656 has 5 MA's), (92, 5674), (Start: 94 @5677 has 1 MA's), (203, 5944), (220, 5995), (223, 6007), (264, 6082), (299, 6178), (304, 6190), (309, 6208), (317, 6226), (321, 6250), (343, 6289), (384, 6370), (392, 6394), (393, 6397), (394, 6400), (402, 6409), (446, 6496), (470, 6541), (490, 6583),

Gene: Hannaconda_45 Start: 37054, Stop: 37926, Start Num: 154
Candidate Starts for Hannaconda_45:
(93, 36883), (Start: 154 @37054 has 32 MA's), (Start: 171 @37081 has 1 MA's), (189, 37141), (203, 37198), (207, 37210), (220, 37255), (227, 37276), (241, 37297), (261, 37351), (290, 37432), (336, 37573), (391, 37711), (392, 37714), (412, 37738), (438, 37774), (445, 37789), (453, 37801), (459, 37822),

Gene: Happiness_10 Start: 5886, Stop: 6866, Start Num: 84
Candidate Starts for Happiness_10:
(Start: 84 @5886 has 125 MA's), (Start: 86 @5889 has 14 MA's), (Start: 94 @5913 has 1 MA's), (Start: 101 @5934 has 1 MA's), (Start: 102 @5937 has 1 MA's), (200, 6186), (220, 6243), (265, 6327), (269, 6348), (280, 6375), (296, 6405), (306, 6432), (363, 6582), (411, 6693), (417, 6705), (421, 6717), (456, 6783),

Gene: Harley_31 Start: 27457, Stop: 28458, Start Num: 63
Candidate Starts for Harley_31:
(37, 27358), (Start: 63 @27457 has 221 MA's), (Start: 67 @27478 has 3 MA's), (73, 27490), (91, 27532), (Start: 102 @27565 has 1 MA's), (116, 27595), (124, 27616), (Start: 160 @27700 has 1 MA's), (Start: 174 @27724 has 20 MA's), (Start: 184 @27739 has 1 MA's), (187, 27751), (220, 27862), (270, 27976), (277, 27994), (294, 28033), (304, 28057), (317, 28093), (322, 28120), (343, 28159), (369, 28207), (392, 28267), (416, 28315), (424, 28327), (448, 28372), (455, 28384), (470, 28414),

Gene: HarryHoudini_13 Start: 6940, Stop: 7917, Start Num: 72
Candidate Starts for HarryHoudini_13:
(Start: 72 @6940 has 61 MA's), (Start: 94 @6994 has 1 MA's), (119, 7051), (189, 7183), (200, 7231), (220, 7288), (233, 7324), (264, 7372), (274, 7411), (305, 7483), (309, 7498), (322, 7543), (330, 7561), (348, 7603), (369, 7651), (381, 7678), (386, 7693), (392, 7711), (393, 7714), (440, 7804),

Gene: HarryOW_11 Start: 6325, Stop: 7287, Start Num: 71
Candidate Starts for HarryOW_11:
(Start: 71 @6325 has 225 MA's), (Start: 87 @6358 has 5 MA's), (92, 6376), (Start: 94 @6379 has 1 MA's), (187, 6580), (203, 6646), (220, 6691), (265, 6781), (294, 6862), (299, 6874), (304, 6886), (309, 6904), (317, 6922), (321, 6946), (343, 6985), (384, 7066), (392, 7090), (393, 7093), (394, 7096), (402, 7105), (446, 7192), (490, 7279),

Gene: HarveySr_47 Start: 41520, Stop: 42584, Start Num: 52
Candidate Starts for HarveySr_47:
(Start: 52 @41520 has 53 MA's), (Start: 77 @41583 has 3 MA's), (110, 41664), (138, 41730), (144, 41745), (147, 41757), (161, 41784), (188, 41841), (190, 41850), (242, 41997), (251, 42012), (269, 42066), (282, 42099), (301, 42138), (305, 42150), (331, 42231), (343, 42249), (344, 42252), (369, 42297), (416, 42408), (475, 42519), (486, 42540), (499, 42573),

Gene: HashRod_13 Start: 6046, Stop: 7011, Start Num: 65
Candidate Starts for HashRod_13:
(Start: 65 @6046 has 101 MA's), (88, 6091), (Start: 94 @6112 has 1 MA's), (139, 6232), (200, 6370), (220, 6427), (225, 6442), (269, 6523), (274, 6538), (282, 6556), (304, 6607), (309, 6625), (322, 6670), (369, 6766), (393, 6829), (413, 6868), (440, 6919),

Gene: Hashim76_51 Start: 41795, Stop: 42796, Start Num: 84
Candidate Starts for Hashim76_51:
(Start: 84 @41795 has 125 MA's), (Start: 94 @41822 has 1 MA's), (Start: 102 @41846 has 1 MA's), (Start: 162 @41987 has 23 MA's), (218, 42152), (220, 42158), (251, 42221), (265, 42242), (294, 42323), (296, 42326), (306, 42353), (322, 42413), (338, 42449), (372, 42524), (374, 42527), (392, 42581), (421, 42638), (429, 42647), (487, 42770),

Gene: HaveUMetTed_13 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for HaveUMetTed_13:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: Heathcliff_47 Start: 41498, Stop: 42562, Start Num: 52
Candidate Starts for Heathcliff_47:
(Start: 52 @41498 has 53 MA's), (Start: 77 @41561 has 3 MA's), (110, 41642), (138, 41708), (144, 41723), (147, 41735), (161, 41762), (188, 41819), (190, 41828), (242, 41975), (251, 41990), (269, 42044), (282, 42077), (301, 42116), (305, 42128), (331, 42209), (343, 42227), (344, 42230), (369, 42275), (416, 42386), (475, 42497), (486, 42518), (499, 42551),

Gene: Heathen_10 Start: 5538, Stop: 6278, Start Num: 166
Candidate Starts for Heathen_10:
(Start: 166 @5538 has 22 MA's), (200, 5625), (220, 5682), (223, 5694), (225, 5697), (235, 5721), (249, 5736), (261, 5754), (269, 5784), (271, 5790), (282, 5817), (309, 5886), (334, 5958), (357, 6000), (369, 6027), (381, 6054), (392, 6087), (393, 6090), (413, 6129), (492, 6270),

Gene: HedwigODU_31 Start: 26463, Stop: 27335, Start Num: 176
Candidate Starts for HedwigODU_31:
(157, 26436), (Start: 176 @26463 has 165 MA's), (Start: 184 @26475 has 1 MA's), (200, 26544), (210, 26571), (217, 26601), (220, 26610), (233, 26646), (238, 26655), (257, 26688), (264, 26706), (271, 26736), (300, 26793), (301, 26796), (350, 26931), (364, 26958), (373, 26979), (381, 27003), (398, 27054), (419, 27156), (442, 27192), (455, 27216), (495, 27315), (498, 27324),

Gene: Heffalump_13 Start: 8247, Stop: 9230, Start Num: 83
Candidate Starts for Heffalump_13:
(61, 8205), (Start: 83 @8247 has 55 MA's), (Start: 94 @8277 has 1 MA's), (Start: 96 @8280 has 1 MA's), (Start: 101 @8298 has 1 MA's), (Start: 102 @8301 has 1 MA's), (196, 8538), (200, 8550), (220, 8607), (223, 8619), (262, 8685), (306, 8796), (363, 8943), (405, 9036), (421, 9078), (456, 9150), (480, 9204),

Gene: Heftyboy_30 Start: 27195, Stop: 28064, Start Num: 176
Candidate Starts for Heftyboy_30:
(125, 27093), (148, 27147), (Start: 176 @27195 has 165 MA's), (Start: 184 @27207 has 1 MA's), (186, 27213), (190, 27240), (198, 27270), (200, 27276), (217, 27330), (220, 27339), (223, 27351), (238, 27384), (257, 27417), (271, 27465), (297, 27513), (323, 27597), (364, 27687), (371, 27705), (373, 27708), (394, 27771), (398, 27786), (402, 27810), (419, 27882), (442, 27918), (444, 27921), (455, 27942), (473, 27999), (490, 28035), (495, 28044), (498, 28053),

Gene: Hegedechwinu_32 Start: 27550, Stop: 28551, Start Num: 63
Candidate Starts for Hegedechwinu_32:
(Start: 63 @27550 has 221 MA's), (91, 27625), (Start: 102 @27658 has 1 MA's), (116, 27688), (124, 27709), (Start: 160 @27793 has 1 MA's), (187, 27844), (189, 27859), (220, 27955), (269, 28066), (277, 28087), (294, 28126), (299, 28138), (317, 28186), (322, 28213), (333, 28237), (343, 28252), (392, 28360), (416, 28408), (455, 28477), (470, 28507),

Gene: HelDan_10 Start: 5790, Stop: 6530, Start Num: 166
Candidate Starts for HelDan_10:
(Start: 166 @5790 has 22 MA's), (200, 5877), (220, 5934), (223, 5946), (225, 5949), (235, 5973), (249, 5988), (261, 6006), (269, 6036), (271, 6042), (282, 6069), (309, 6138), (334, 6210), (357, 6252), (369, 6279), (381, 6306), (392, 6339), (393, 6342), (413, 6381), (492, 6522),

Gene: Heliosoles_12 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Heliosoles_12:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: Hercules11_12 Start: 5969, Stop: 6934, Start Num: 65
Candidate Starts for Hercules11_12:
(Start: 65 @5969 has 101 MA's), (88, 6014), (Start: 94 @6035 has 1 MA's), (139, 6155), (220, 6350), (225, 6365), (269, 6446), (274, 6461), (282, 6479), (304, 6530), (309, 6548), (322, 6593), (369, 6689), (393, 6752), (413, 6791), (440, 6842),

Gene: Hermia_12 Start: 6769, Stop: 7731, Start Num: 71
Candidate Starts for Hermia_12:
(Start: 71 @6769 has 225 MA's), (Start: 87 @6802 has 5 MA's), (92, 6820), (Start: 94 @6823 has 1 MA's), (203, 7090), (220, 7135), (265, 7225), (294, 7306), (299, 7318), (304, 7330), (309, 7348), (317, 7366), (321, 7390), (343, 7429), (384, 7510), (392, 7534), (393, 7537), (394, 7540), (402, 7549), (446, 7636), (470, 7681), (490, 7723),

Gene: HermioneGrange_11 Start: 5732, Stop: 6700, Start Num: 71
Candidate Starts for HermioneGrange_11:
(Start: 71 @5732 has 225 MA's), (Start: 87 @5765 has 5 MA's), (92, 5783), (Start: 94 @5786 has 1 MA's), (203, 6053), (210, 6071), (220, 6104), (223, 6116), (264, 6191), (284, 6254), (289, 6266), (299, 6287), (304, 6299), (309, 6317), (317, 6335), (321, 6359), (343, 6398), (384, 6479), (392, 6503), (393, 6506), (394, 6509), (402, 6518), (446, 6605), (490, 6692),

Gene: Hidrated_47 Start: 42201, Stop: 43205, Start Num: 77
Candidate Starts for Hidrated_47:
(Start: 77 @42201 has 3 MA's), (99, 42255), (115, 42306), (144, 42375), (146, 42378), (167, 42420), (217, 42558), (220, 42567), (238, 42612), (270, 42681), (283, 42705), (284, 42708), (304, 42753), (309, 42771), (364, 42933), (370, 42948), (375, 42957), (490, 43158),

Gene: HippoHollow_12 Start: 8193, Stop: 9170, Start Num: 72
Candidate Starts for HippoHollow_12:
(Start: 72 @8193 has 61 MA's), (Start: 94 @8247 has 1 MA's), (189, 8436), (200, 8484), (220, 8541), (233, 8577), (264, 8625), (274, 8664), (305, 8736), (309, 8751), (330, 8814), (348, 8856), (369, 8904), (381, 8931), (386, 8946), (392, 8964), (393, 8967), (410, 9003), (440, 9057),

Gene: Hiraya_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Hiraya_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (144, 26477), (156, 26507), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (244, 26732), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: HokkenD_42 Start: 40844, Stop: 41716, Start Num: 154
Candidate Starts for HokkenD_42:
(Start: 154 @40844 has 32 MA's), (Start: 171 @40871 has 1 MA's), (189, 40931), (201, 40979), (220, 41045), (227, 41066), (241, 41087), (261, 41141), (290, 41222), (391, 41501), (392, 41504), (412, 41528), (438, 41564), (445, 41579), (453, 41591), (459, 41612),

Gene: Holli_10 Start: 5677, Stop: 6654, Start Num: 86
Candidate Starts for Holli_10:
(Start: 84 @5674 has 125 MA's), (Start: 86 @5677 has 14 MA's), (Start: 94 @5701 has 1 MA's), (Start: 101 @5722 has 1 MA's), (Start: 102 @5725 has 1 MA's), (200, 5974), (220, 6031), (265, 6115), (269, 6136), (280, 6163), (306, 6220), (363, 6370), (411, 6481), (417, 6493), (421, 6505), (456, 6571),

Gene: Homines_10 Start: 6038, Stop: 7006, Start Num: 71
Candidate Starts for Homines_10:
(Start: 71 @6038 has 225 MA's), (Start: 87 @6071 has 5 MA's), (92, 6089), (Start: 94 @6092 has 1 MA's), (203, 6359), (220, 6410), (223, 6422), (264, 6497), (284, 6560), (289, 6572), (299, 6593), (304, 6605), (309, 6623), (317, 6641), (321, 6665), (343, 6704), (384, 6785), (392, 6809), (393, 6812), (394, 6815), (402, 6824), (446, 6911), (490, 6998),

Gene: Homura_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Homura_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Hookmount_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Hookmount_11:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Hope4ever_10 Start: 6140, Stop: 7108, Start Num: 71
Candidate Starts for Hope4ever_10:
(Start: 71 @6140 has 225 MA's), (Start: 87 @6173 has 5 MA's), (92, 6191), (Start: 94 @6194 has 1 MA's), (203, 6461), (220, 6512), (223, 6524), (264, 6599), (284, 6662), (289, 6674), (299, 6695), (304, 6707), (309, 6725), (317, 6743), (321, 6767), (343, 6806), (384, 6887), (392, 6911), (393, 6914), (394, 6917), (402, 6926), (404, 6929), (470, 7058), (490, 7100),

Gene: Hosp_040 Start: 38571, Stop: 39566, Start Num: 82
Candidate Starts for Hosp_040:
(Start: 82 @38571 has 12 MA's), (Start: 94 @38601 has 1 MA's), (Start: 101 @38622 has 1 MA's), (Start: 102 @38625 has 1 MA's), (134, 38712), (Start: 162 @38760 has 23 MA's), (179, 38793), (196, 38862), (218, 38925), (220, 38931), (233, 38967), (265, 39015), (306, 39126), (335, 39213), (337, 39216), (363, 39276), (369, 39288), (374, 39300), (377, 39306), (421, 39411), (487, 39543),

Gene: Houdini22_10 Start: 5885, Stop: 6865, Start Num: 84
Candidate Starts for Houdini22_10:
(Start: 84 @5885 has 125 MA's), (Start: 86 @5888 has 14 MA's), (Start: 94 @5912 has 1 MA's), (Start: 101 @5933 has 1 MA's), (Start: 102 @5936 has 1 MA's), (200, 6185), (220, 6242), (265, 6326), (269, 6347), (280, 6374), (296, 6404), (306, 6431), (363, 6581), (411, 6692), (417, 6704), (421, 6716), (456, 6782),

Gene: Hughesyang_47 Start: 42504, Stop: 43376, Start Num: 154
Candidate Starts for Hughesyang_47:
(Start: 154 @42504 has 32 MA's), (Start: 171 @42531 has 1 MA's), (189, 42591), (201, 42639), (220, 42705), (227, 42726), (241, 42747), (261, 42801), (290, 42882), (391, 43161), (392, 43164), (412, 43188), (438, 43224), (445, 43239), (453, 43251), (459, 43272),

Gene: HuhtaEnerson15_8 Start: 5355, Stop: 6164, Start Num: 181
Candidate Starts for HuhtaEnerson15_8:
(Start: 181 @5355 has 57 MA's), (194, 5418), (197, 5427), (213, 5484), (230, 5532), (261, 5613), (322, 5802), (343, 5844), (362, 5901), (380, 5943), (495, 6150),

Gene: Hurricane_32 Start: 27396, Stop: 28184, Start Num: 176
Candidate Starts for Hurricane_32:
(32, 26904), (47, 27066), (133, 27318), (148, 27351), (Start: 176 @27396 has 165 MA's), (190, 27441), (200, 27477), (217, 27534), (220, 27543), (233, 27579), (264, 27633), (269, 27657), (323, 27798), (350, 27861), (364, 27903), (373, 27924), (376, 27930), (381, 27948), (416, 27978), (455, 28047), (479, 28119), (495, 28149),

Gene: Huxley_10 Start: 5945, Stop: 6925, Start Num: 84
Candidate Starts for Huxley_10:
(Start: 84 @5945 has 125 MA's), (Start: 94 @5972 has 1 MA's), (Start: 101 @5993 has 1 MA's), (Start: 102 @5996 has 1 MA's), (200, 6245), (220, 6302), (223, 6314), (251, 6365), (265, 6386), (280, 6434), (306, 6491), (363, 6641), (411, 6752), (417, 6764), (421, 6776), (456, 6842),

Gene: HyRo_237 Start: 143758, Stop: 144786, Start Num: 57
Candidate Starts for HyRo_237:
(Start: 57 @143758 has 189 MA's), (Start: 67 @143788 has 3 MA's), (91, 143842), (116, 143905), (124, 143926), (Start: 160 @144010 has 1 MA's), (Start: 184 @144052 has 1 MA's), (187, 144064), (189, 144079), (210, 144148), (220, 144175), (244, 144229), (261, 144274), (262, 144277), (288, 144355), (299, 144376), (343, 144487), (386, 144577), (392, 144595), (430, 144667), (448, 144700),

Gene: Hyperbowlee_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Hyperbowlee_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: I3_262 Start: 145549, Stop: 146577, Start Num: 57

Candidate Starts for I3_262:
(Start: 57 @145549 has 189 MA's), (Start: 67 @145579 has 3 MA's), (73, 145591), (91, 145633), (116, 145696), (124, 145717), (Start: 160 @145801 has 1 MA's), (Start: 184 @145843 has 1 MA's), (187, 145855), (189, 145870), (210, 145939), (220, 145966), (244, 146020), (261, 146065), (262, 146068), (288, 146146), (299, 146167), (343, 146278), (386, 146368), (392, 146386), (448, 146491),

Gene: ICleared_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for ICleared_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: ILeeKay_12 Start: 6192, Stop: 7160, Start Num: 71
Candidate Starts for ILeeKay_12:
(Start: 71 @6192 has 225 MA's), (Start: 87 @6225 has 5 MA's), (92, 6243), (Start: 94 @6246 has 1 MA's), (203, 6513), (220, 6564), (223, 6576), (264, 6651), (284, 6714), (299, 6747), (304, 6759), (309, 6777), (317, 6795), (321, 6819), (343, 6858), (384, 6939), (392, 6963), (393, 6966), (394, 6969), (402, 6978), (446, 7065), (490, 7152),

Gene: IMpilo_30 Start: 27328, Stop: 28329, Start Num: 63
Candidate Starts for IMpilo_30:
(Start: 63 @27328 has 221 MA's), (Start: 67 @27349 has 3 MA's), (73, 27361), (91, 27403), (124, 27487), (138, 27517), (Start: 160 @27571 has 1 MA's), (Start: 174 @27595 has 20 MA's), (Start: 184 @27610 has 1 MA's), (187, 27622), (220, 27733), (270, 27847), (277, 27865), (294, 27904), (304, 27928), (317, 27964), (322, 27991), (333, 28015), (343, 28030), (392, 28138), (416, 28186), (455, 28255), (470, 28285),

Gene: IPhane7_38 Start: 31794, Stop: 32765, Start Num: 85
Candidate Starts for IPhane7_38:
(Start: 85 @31794 has 15 MA's), (Start: 94 @31818 has 1 MA's), (98, 31833), (152, 31971), (Start: 171 @31998 has 1 MA's), (179, 32016), (185, 32028), (187, 32037), (196, 32082), (200, 32094), (210, 32121), (220, 32148), (223, 32160), (244, 32205), (262, 32232), (270, 32262), (273, 32271), (274, 32274), (313, 32361), (320, 32376), (384, 32529), (385, 32532), (410, 32592), (416, 32604), (419, 32613), (442, 32649), (450, 32664), (466, 32703), (482, 32736),

Gene: IbOuu_32 Start: 28086, Stop: 29102, Start Num: 63
Candidate Starts for IbOuu_32:
(30, 27855), (31, 27858), (33, 27906), (46, 28041), (48, 28050), (Start: 63 @28086 has 221 MA's), (108, 28218), (116, 28239), (124, 28260), (138, 28290), (142, 28302), (Start: 160 @28344 has 1 MA's), (Start: 174 @28368 has 20 MA's), (Start: 184 @28383 has 1 MA's), (187, 28395), (189, 28410), (220, 28506), (270, 28620), (277, 28638), (294, 28677), (304, 28701), (317, 28737), (322, 28764), (333, 28788), (343, 28803), (392, 28911), (416, 28959), (455, 29028), (470, 29058),

Gene: Ibhubesi_31 Start: 27464, Stop: 28465, Start Num: 63
Candidate Starts for Ibhubesi_31:
(37, 27365), (Start: 63 @27464 has 221 MA's), (Start: 67 @27485 has 3 MA's), (73, 27497), (91, 27539), (Start: 102 @27572 has 1 MA's), (116, 27602), (124, 27623), (Start: 160 @27707 has 1 MA's), (Start: 174 @27731 has 20 MA's), (Start: 184 @27746 has 1 MA's), (187, 27758), (220, 27869), (270, 27983), (277, 28001), (294, 28040), (304, 28064), (317, 28100), (322, 28127), (343, 28166), (369, 28214), (392, 28274), (416, 28322), (424, 28334), (448, 28379), (455, 28391), (470, 28421),

Gene: Iceman_10 Start: 5881, Stop: 6861, Start Num: 84

Candidate Starts for Iceman_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Ichabod_10 Start: 5749, Stop: 6717, Start Num: 71
Candidate Starts for Ichabod_10:
(Start: 71 @5749 has 225 MA's), (Start: 87 @5782 has 5 MA's), (92, 5800), (Start: 94 @5803 has 1 MA's), (203, 6070), (220, 6121), (223, 6133), (264, 6208), (299, 6304), (309, 6334), (343, 6415), (384, 6496), (392, 6520), (393, 6523), (394, 6526), (402, 6535), (446, 6622), (490, 6709),

Gene: Idergollasper_67 Start: 43419, Stop: 44459, Start Num: 62
Candidate Starts for Idergollasper_67:
(Start: 62 @43419 has 32 MA's), (91, 43494), (116, 43575), (119, 43581), (124, 43596), (158, 43677), (Start: 160 @43680 has 1 MA's), (187, 43734), (189, 43749), (220, 43845), (235, 43884), (248, 43914), (261, 43944), (262, 43947), (271, 43980), (299, 44046), (317, 44094), (322, 44121), (343, 44160), (428, 44334), (455, 44385),

Gene: Idleandcovert_10 Start: 5739, Stop: 6479, Start Num: 166
Candidate Starts for Idleandcovert_10:
(100, 5622), (Start: 166 @5739 has 22 MA's), (200, 5826), (220, 5883), (223, 5895), (225, 5898), (235, 5922), (249, 5937), (261, 5955), (269, 5985), (271, 5991), (274, 6000), (282, 6018), (304, 6069), (309, 6087), (334, 6159), (357, 6201), (369, 6228), (381, 6255), (392, 6288), (393, 6291), (413, 6330), (492, 6471),

Gene: IgnatiusPatJac_9 Start: 6018, Stop: 6986, Start Num: 71
Candidate Starts for IgnatiusPatJac_9:
(Start: 71 @6018 has 225 MA's), (Start: 87 @6051 has 5 MA's), (92, 6069), (Start: 94 @6072 has 1 MA's), (203, 6339), (220, 6390), (223, 6402), (264, 6477), (284, 6540), (289, 6552), (299, 6573), (304, 6585), (309, 6603), (317, 6621), (343, 6684), (384, 6765), (392, 6789), (393, 6792), (394, 6795), (402, 6804), (446, 6891), (470, 6936), (490, 6978),

Gene: IkeLoa_246 Start: 144139, Stop: 145167, Start Num: 57
Candidate Starts for IkeLoa_246:
(Start: 57 @144139 has 189 MA's), (Start: 67 @144169 has 3 MA's), (73, 144181), (91, 144223), (116, 144286), (124, 144307), (Start: 160 @144391 has 1 MA's), (Start: 184 @144433 has 1 MA's), (187, 144445), (189, 144460), (210, 144529), (220, 144556), (244, 144610), (261, 144655), (262, 144658), (288, 144736), (299, 144757), (343, 144868), (386, 144958), (392, 144976), (430, 145048), (448, 145081),

Gene: Illumine_31 Start: 26470, Stop: 27342, Start Num: 176
Candidate Starts for Illumine_31:
(157, 26443), (Start: 176 @26470 has 165 MA's), (Start: 184 @26482 has 1 MA's), (200, 26551), (210, 26578), (217, 26608), (220, 26617), (233, 26653), (238, 26662), (257, 26695), (264, 26713), (301, 26803), (350, 26938), (364, 26965), (373, 26986), (381, 27010), (407, 27112), (419, 27163), (442, 27199), (455, 27223), (495, 27322), (498, 27331),

Gene: Imara_67 Start: 43219, Stop: 44259, Start Num: 62
Candidate Starts for Imara_67:
(Start: 62 @43219 has 32 MA's), (91, 43294), (116, 43375), (119, 43381), (124, 43396), (158, 43477), (Start: 160 @43480 has 1 MA's), (187, 43534), (189, 43549), (220, 43645), (235, 43684), (248, 43714), (261, 43744), (262, 43747), (299, 43846), (311, 43885), (317, 43894), (322, 43921), (343, 43960),

(428, 44134), (455, 44185),

Gene: Imvubu_41 Start: 39360, Stop: 40367, Start Num: 81
Candidate Starts for Imvubu_41:
(Start: 81 @39360 has 1 MA's), (Start: 102 @39417 has 1 MA's), (196, 39654), (218, 39717), (220, 39723), (233, 39759), (251, 39786), (286, 39870), (306, 39918), (338, 40014), (369, 40080), (372, 40089), (374, 40092), (421, 40203), (429, 40212), (487, 40335),

Gene: Indlulamithi_36 Start: 31658, Stop: 32464, Start Num: 154
Candidate Starts for Indlulamithi_36:
(123, 31580), (Start: 154 @31658 has 32 MA's), (187, 31724), (220, 31844), (233, 31880), (237, 31886), (263, 31925), (270, 31949), (294, 31988), (302, 32009), (322, 32078), (369, 32165), (385, 32204), (387, 32210), (404, 32246), (416, 32276), (485, 32429), (486, 32432),

Gene: InigoMontoya_256 Start: 144457, Stop: 145485, Start Num: 57
Candidate Starts for InigoMontoya_256:
(Start: 57 @144457 has 189 MA's), (Start: 67 @144487 has 3 MA's), (73, 144499), (91, 144541), (116, 144604), (124, 144625), (Start: 160 @144709 has 1 MA's), (Start: 184 @144751 has 1 MA's), (187, 144763), (189, 144778), (210, 144847), (220, 144874), (244, 144928), (261, 144973), (262, 144976), (288, 145054), (299, 145075), (343, 145186), (386, 145276), (392, 145294), (430, 145366), (448, 145399),

Gene: Inky_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Inky_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: InterFolia_254 Start: 145203, Stop: 146231, Start Num: 57
Candidate Starts for InterFolia_254:
(Start: 57 @145203 has 189 MA's), (Start: 67 @145233 has 3 MA's), (73, 145245), (91, 145287), (116, 145350), (124, 145371), (Start: 160 @145455 has 1 MA's), (Start: 184 @145497 has 1 MA's), (187, 145509), (189, 145524), (210, 145593), (220, 145620), (244, 145674), (261, 145719), (262, 145722), (288, 145800), (299, 145821), (343, 145932), (386, 146022), (392, 146040), (430, 146112), (448, 146145),

Gene: InvictusManeo_30 Start: 27231, Stop: 27992, Start Num: 174
Candidate Starts for InvictusManeo_30:
(148, 27183), (Start: 174 @27231 has 20 MA's), (Start: 184 @27243 has 1 MA's), (185, 27246), (186, 27249), (190, 27276), (200, 27312), (218, 27372), (220, 27378), (231, 27408), (233, 27414), (238, 27423), (257, 27456), (269, 27498), (270, 27501), (274, 27513), (295, 27549), (301, 27564), (311, 27600), (350, 27699), (364, 27726), (373, 27747), (419, 27810), (436, 27834), (448, 27858), (473, 27927), (495, 27972), (498, 27981),

Gene: Inyanga_9 Start: 5807, Stop: 6775, Start Num: 71
Candidate Starts for Inyanga_9:
(Start: 71 @5807 has 225 MA's), (Start: 87 @5840 has 5 MA's), (92, 5858), (Start: 94 @5861 has 1 MA's), (203, 6128), (220, 6179), (223, 6191), (264, 6266), (284, 6329), (289, 6341), (299, 6362), (304, 6374), (309, 6392), (317, 6410), (321, 6434), (343, 6473), (384, 6554), (392, 6578), (393, 6581), (394, 6584), (402, 6593), (446, 6680), (470, 6725), (490, 6767),

Gene: Iota_249 Start: 144169, Stop: 145197, Start Num: 57

Candidate Starts for Iota_249:
(Start: 57 @144169 has 189 MA's), (Start: 67 @144199 has 3 MA's), (73, 144211), (91, 144253), (116, 144316), (124, 144337), (Start: 160 @144421 has 1 MA's), (Start: 184 @144463 has 1 MA's), (187, 144475), (189, 144490), (210, 144559), (220, 144586), (244, 144640), (261, 144685), (262, 144688), (288, 144766), (299, 144787), (343, 144898), (386, 144988), (392, 145006), (430, 145078), (448, 145111),

Gene: Iqorha_9 Start: 5807, Stop: 6775, Start Num: 71
Candidate Starts for Iqorha_9:
(Start: 71 @5807 has 225 MA's), (Start: 87 @5840 has 5 MA's), (92, 5858), (Start: 94 @5861 has 1 MA's), (203, 6128), (220, 6179), (223, 6191), (264, 6266), (284, 6329), (299, 6362), (304, 6374), (309, 6392), (317, 6410), (321, 6434), (343, 6473), (384, 6554), (392, 6578), (393, 6581), (394, 6584), (402, 6593), (446, 6680), (490, 6767),

Gene: Iracema64_10 Start: 5858, Stop: 6838, Start Num: 84
Candidate Starts for Iracema64_10:
(Start: 84 @5858 has 125 MA's), (Start: 94 @5885 has 1 MA's), (Start: 101 @5906 has 1 MA's), (Start: 102 @5909 has 1 MA's), (200, 6158), (220, 6215), (223, 6227), (251, 6278), (265, 6299), (269, 6320), (280, 6347), (294, 6374), (306, 6404), (363, 6554), (417, 6677), (421, 6689), (456, 6755),

Gene: IrishSherpFalk_33 Start: 29112, Stop: 30113, Start Num: 63
Candidate Starts for IrishSherpFalk_33:
(37, 29013), (50, 29085), (Start: 63 @29112 has 221 MA's), (Start: 67 @29133 has 3 MA's), (73, 29145), (91, 29187), (Start: 102 @29220 has 1 MA's), (116, 29250), (124, 29271), (Start: 160 @29355 has 1 MA's), (Start: 174 @29379 has 20 MA's), (Start: 184 @29394 has 1 MA's), (187, 29406), (220, 29517), (269, 29628), (277, 29649), (294, 29688), (317, 29748), (322, 29775), (343, 29814), (392, 29922), (402, 29937), (416, 29970), (455, 30039), (470, 30069),

Gene: IronMan_13 Start: 8151, Stop: 9137, Start Num: 82
Candidate Starts for IronMan_13:
(Start: 82 @8151 has 12 MA's), (Start: 94 @8181 has 1 MA's), (Start: 102 @8205 has 1 MA's), (Start: 162 @8340 has 23 MA's), (218, 8505), (220, 8511), (261, 8586), (265, 8595), (275, 8631), (306, 8706), (322, 8766), (338, 8802), (363, 8856), (374, 8880), (377, 8886), (421, 8991), (429, 9000),

Gene: Isca_10 Start: 5611, Stop: 6351, Start Num: 166
Candidate Starts for Isca_10:
(Start: 166 @5611 has 22 MA's), (187, 5635), (200, 5698), (220, 5755), (223, 5767), (225, 5770), (235, 5794), (249, 5809), (269, 5857), (271, 5863), (282, 5890), (309, 5959), (334, 6031), (357, 6073), (369, 6100), (381, 6127), (392, 6160), (393, 6163), (413, 6202), (442, 6256), (492, 6343),

Gene: Issimir_246 Start: 144544, Stop: 145572, Start Num: 57
Candidate Starts for Issimir_246:
(Start: 57 @144544 has 189 MA's), (Start: 67 @144574 has 3 MA's), (73, 144586), (91, 144628), (116, 144691), (124, 144712), (Start: 160 @144796 has 1 MA's), (Start: 184 @144838 has 1 MA's), (187, 144850), (189, 144865), (210, 144934), (220, 144961), (244, 145015), (261, 145060), (262, 145063), (288, 145141), (299, 145162), (343, 145273), (386, 145363), (392, 145381), (430, 145453), (448, 145486),

Gene: Itos_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Itos_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327,

26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Iwokeuplikedis_11 Start: 6191, Stop: 7168, Start Num: 72
Candidate Starts for Iwokeuplikedis_11:
(Start: 64 @6170 has 22 MA's), (Start: 72 @6191 has 61 MA's), (Start: 94 @6245 has 1 MA's), (119, 6302), (189, 6434), (196, 6470), (200, 6482), (220, 6539), (233, 6575), (264, 6623), (274, 6662), (309, 6749), (322, 6794), (330, 6812), (348, 6854), (369, 6902), (381, 6929), (386, 6944), (392, 6962), (393, 6965), (440, 7055),

Gene: Izajani_248 Start: 145019, Stop: 146017, Start Num: 67
Candidate Starts for Izajani_248:
(Start: 57 @144989 has 189 MA's), (Start: 67 @145019 has 3 MA's), (73, 145031), (91, 145073), (116, 145136), (124, 145157), (Start: 160 @145241 has 1 MA's), (Start: 184 @145283 has 1 MA's), (187, 145295), (189, 145310), (210, 145379), (220, 145406), (244, 145460), (261, 145505), (262, 145508), (288, 145586), (299, 145607), (343, 145718), (386, 145808), (392, 145826), (430, 145898), (448, 145931),

Gene: Izel_39 Start: 31793, Stop: 32764, Start Num: 85
Candidate Starts for Izel_39:
(Start: 85 @31793 has 15 MA's), (Start: 94 @31817 has 1 MA's), (98, 31832), (152, 31970), (Start: 171 @31997 has 1 MA's), (179, 32015), (185, 32027), (187, 32036), (196, 32081), (200, 32093), (210, 32120), (220, 32147), (223, 32159), (244, 32204), (262, 32231), (270, 32261), (273, 32270), (274, 32273), (313, 32360), (320, 32375), (384, 32528), (385, 32531), (410, 32591), (416, 32603), (419, 32612), (442, 32648), (450, 32663), (466, 32702), (482, 32735),

Gene: JAWS_31 Start: 26448, Stop: 27320, Start Num: 176
Candidate Starts for JAWS_31:
(44, 26118), (125, 26346), (157, 26421), (Start: 176 @26448 has 165 MA's), (Start: 184 @26460 has 1 MA's), (200, 26529), (210, 26556), (217, 26586), (220, 26595), (233, 26631), (238, 26640), (257, 26673), (264, 26691), (271, 26721), (301, 26781), (350, 26916), (364, 26943), (373, 26964), (381, 26988), (419, 27141), (442, 27177), (495, 27300), (498, 27309),

Gene: JC27_12 Start: 6644, Stop: 7612, Start Num: 71
Candidate Starts for JC27_12:
(Start: 71 @6644 has 225 MA's), (Start: 87 @6677 has 5 MA's), (92, 6695), (Start: 94 @6698 has 1 MA's), (203, 6965), (220, 7016), (223, 7028), (264, 7103), (284, 7166), (289, 7178), (299, 7199), (304, 7211), (309, 7229), (317, 7247), (321, 7271), (343, 7310), (384, 7391), (392, 7415), (393, 7418), (394, 7421), (402, 7430), (446, 7517), (470, 7562), (490, 7604),

Gene: JF1_32 Start: 27629, Stop: 28420, Start Num: 162
Candidate Starts for JF1_32:
(Start: 162 @27629 has 23 MA's), (Start: 184 @27662 has 1 MA's), (190, 27695), (196, 27719), (203, 27740), (217, 27788), (220, 27797), (233, 27833), (273, 27914), (350, 28121), (364, 28148), (367, 28154), (373, 28169), (381, 28193), (418, 28217), (430, 28238), (448, 28271), (455, 28283), (479, 28355),

Gene: JF2_10 Start: 5376, Stop: 6116, Start Num: 166
Candidate Starts for JF2_10:
(Start: 166 @5376 has 22 MA's), (200, 5463), (220, 5520), (223, 5532), (225, 5535), (235, 5559), (249, 5574), (269, 5622), (271, 5628), (282, 5655), (309, 5724), (334, 5796), (357, 5838), (369, 5865), (381, 5892), (392, 5925), (393, 5928), (413, 5967), (442, 6021), (492, 6108),

Gene: JF4_10 Start: 5376, Stop: 6116, Start Num: 166
Candidate Starts for JF4_10:
(Start: 166 @5376 has 22 MA's), (200, 5463), (220, 5520), (223, 5532), (225, 5535), (235, 5559), (249, 5574), (269, 5622), (271, 5628), (282, 5655), (309, 5724), (334, 5796), (357, 5838), (369, 5865), (381, 5892), (392, 5925), (393, 5928), (413, 5967), (442, 6021), (492, 6108),

Gene: JHC117_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for JHC117_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: JPickles_250 Start: 143594, Stop: 144622, Start Num: 57
Candidate Starts for JPickles_250:
(Start: 57 @143594 has 189 MA's), (Start: 67 @143624 has 3 MA's), (73, 143636), (91, 143678), (116, 143741), (124, 143762), (Start: 160 @143846 has 1 MA's), (Start: 184 @143888 has 1 MA's), (187, 143900), (189, 143915), (210, 143984), (220, 144011), (244, 144065), (261, 144110), (262, 144113), (288, 144191), (299, 144212), (343, 144323), (386, 144413), (392, 144431), (430, 144503), (448, 144536),

Gene: Jaan_14 Start: 8541, Stop: 9527, Start Num: 82
Candidate Starts for Jaan_14:
(Start: 82 @8541 has 12 MA's), (Start: 94 @8571 has 1 MA's), (Start: 102 @8595 has 1 MA's), (Start: 162 @8730 has 23 MA's), (220, 8901), (261, 8976), (265, 8985), (306, 9096), (322, 9156), (338, 9192), (363, 9246), (374, 9270), (377, 9276), (391, 9321), (421, 9381), (429, 9390),

Gene: Jabbawokkie_39 Start: 28197, Stop: 29270, Start Num: 63
Candidate Starts for Jabbawokkie_39:
(Start: 63 @28197 has 221 MA's), (Start: 70 @28224 has 1 MA's), (89, 28254), (123, 28347), (124, 28356), (127, 28365), (151, 28422), (Start: 181 @28467 has 57 MA's), (188, 28500), (190, 28509), (203, 28560), (216, 28602), (222, 28626), (224, 28635), (229, 28647), (242, 28677), (254, 28707), (255, 28710), (269, 28767), (270, 28770), (276, 28785), (281, 28797), (284, 28806), (296, 28830), (305, 28854), (331, 28935), (369, 29010), (418, 29121), (442, 29163), (444, 29166), (446, 29172), (455, 29187), (488, 29253),

Gene: Jabiru_8 Start: 5180, Stop: 5989, Start Num: 181
Candidate Starts for Jabiru_8:
(Start: 181 @5180 has 57 MA's), (191, 5225), (213, 5309), (219, 5324), (230, 5357), (322, 5627), (343, 5669), (355, 5708), (362, 5726), (376, 5756), (391, 5798),

Gene: JackSparrow_10 Start: 6014, Stop: 6982, Start Num: 71
Candidate Starts for JackSparrow_10:
(Start: 71 @6014 has 225 MA's), (Start: 87 @6047 has 5 MA's), (92, 6065), (Start: 94 @6068 has 1 MA's), (203, 6335), (220, 6386), (223, 6398), (264, 6473), (284, 6536), (299, 6569), (304, 6581), (309, 6599), (317, 6617), (321, 6641), (343, 6680), (384, 6761), (392, 6785), (393, 6788), (394, 6791), (402, 6800), (446, 6887), (490, 6974),

Gene: Jackstina_44 Start: 41457, Stop: 42521, Start Num: 52
Candidate Starts for Jackstina_44:
(Start: 52 @41457 has 53 MA's), (Start: 77 @41520 has 3 MA's), (110, 41601), (138, 41667), (144, 41682), (147, 41694), (161, 41721), (188, 41778), (190, 41787), (242, 41934), (251, 41949), (269, 42003), (282, 42036), (301, 42075), (305, 42087), (331, 42168), (343, 42186), (344, 42189), (369, 42234), (416, 42345), (475, 42456), (486, 42477), (499, 42510),

Gene: JalFarm20_34 Start: 28603, Stop: 29601, Start Num: 55
Candidate Starts for JalFarm20_34:
(Start: 55 @28603 has 35 MA's), (91, 28678), (116, 28738), (124, 28759), (Start: 160 @28843 has 1 MA's), (187, 28894), (189, 28909), (220, 29005), (269, 29116), (277, 29137), (294, 29176), (299, 29188), (317, 29236), (322, 29263), (333, 29287), (343, 29302), (392, 29410), (416, 29458), (455, 29527), (470, 29557),

Gene: James_31 Start: 27708, Stop: 28709, Start Num: 63
Candidate Starts for James_31:
(Start: 63 @27708 has 221 MA's), (91, 27783), (116, 27846), (124, 27867), (Start: 160 @27951 has 1 MA's), (Start: 174 @27975 has 20 MA's), (Start: 184 @27990 has 1 MA's), (187, 28002), (220, 28113), (270, 28227), (277, 28245), (294, 28284), (304, 28308), (317, 28344), (343, 28410), (392, 28518), (416, 28566), (424, 28578), (448, 28623), (455, 28635), (470, 28665),

Gene: JangDynasty_67 Start: 43505, Stop: 44545, Start Num: 62
Candidate Starts for JangDynasty_67:
(Start: 62 @43505 has 32 MA's), (91, 43580), (116, 43661), (119, 43667), (124, 43682), (158, 43763), (Start: 160 @43766 has 1 MA's), (187, 43820), (189, 43835), (220, 43931), (235, 43970), (248, 44000), (261, 44030), (262, 44033), (271, 44066), (299, 44132), (317, 44180), (322, 44207), (343, 44246), (428, 44420), (455, 44471),

Gene: Janiyra_256 Start: 145131, Stop: 146159, Start Num: 57
Candidate Starts for Janiyra_256:
(Start: 57 @145131 has 189 MA's), (Start: 67 @145161 has 3 MA's), (73, 145173), (91, 145215), (116, 145278), (124, 145299), (Start: 160 @145383 has 1 MA's), (Start: 184 @145425 has 1 MA's), (187, 145437), (189, 145452), (210, 145521), (220, 145548), (244, 145602), (261, 145647), (262, 145650), (288, 145728), (299, 145749), (343, 145860), (386, 145950), (392, 145968), (430, 146040), (448, 146073),

Gene: Jant_32 Start: 27695, Stop: 28696, Start Num: 63
Candidate Starts for Jant_32:
(5, 27182), (6, 27212), (10, 27257), (20, 27410), (23, 27434), (26, 27461), (35, 27596), (Start: 63 @27695 has 221 MA's), (91, 27770), (Start: 102 @27803 has 1 MA's), (116, 27833), (124, 27854), (Start: 160 @27938 has 1 MA's), (187, 27989), (189, 28004), (220, 28100), (269, 28211), (277, 28232), (294, 28271), (299, 28283), (317, 28331), (322, 28358), (333, 28382), (343, 28397), (392, 28505), (416, 28553), (455, 28622), (470, 28652),

Gene: Jarcob_31 Start: 27749, Stop: 28750, Start Num: 63
Candidate Starts for Jarcob_31:
(Start: 63 @27749 has 221 MA's), (Start: 67 @27770 has 3 MA's), (73, 27782), (91, 27824), (116, 27887), (124, 27908), (138, 27938), (Start: 160 @27992 has 1 MA's), (Start: 174 @28016 has 20 MA's), (Start: 184 @28031 has 1 MA's), (187, 28043), (220, 28154), (270, 28268), (277, 28286), (294, 28325), (304, 28349), (317, 28385), (322, 28412), (343, 28451), (369, 28499), (392, 28559), (424, 28619), (455, 28676), (470, 28706),

Gene: Jarvi_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Jarvi_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Jasper_11 Start: 5855, Stop: 6823, Start Num: 71
Candidate Starts for Jasper_11:
(Start: 71 @5855 has 225 MA's), (Start: 87 @5888 has 5 MA's), (92, 5906), (Start: 94 @5909 has 1 MA's), (203, 6176), (220, 6227), (223, 6239), (264, 6314), (284, 6377), (289, 6389), (299, 6410), (304, 6422), (309, 6440), (317, 6458), (321, 6482), (343, 6521), (384, 6602), (392, 6626), (393, 6629), (394, 6632), (402, 6641), (446, 6728), (470, 6773), (490, 6815),

Gene: JayJay_252 Start: 143930, Stop: 144958, Start Num: 57
Candidate Starts for JayJay_252:
(Start: 57 @143930 has 189 MA's), (Start: 67 @143960 has 3 MA's), (91, 144014), (116, 144077), (124, 144098), (Start: 160 @144182 has 1 MA's), (Start: 184 @144224 has 1 MA's), (187, 144236), (189, 144251), (210, 144320), (220, 144347), (244, 144401), (261, 144446), (262, 144449), (288, 144527), (299, 144548), (343, 144659), (386, 144749), (392, 144767), (430, 144839), (448, 144872),

Gene: Jaygup_249 Start: 144316, Stop: 145344, Start Num: 57
Candidate Starts for Jaygup_249:
(Start: 57 @144316 has 189 MA's), (Start: 67 @144346 has 3 MA's), (73, 144358), (91, 144400), (116, 144463), (124, 144484), (Start: 160 @144568 has 1 MA's), (Start: 184 @144610 has 1 MA's), (187, 144622), (189, 144637), (210, 144706), (220, 144733), (244, 144787), (261, 144832), (262, 144835), (288, 144913), (299, 144934), (343, 145045), (386, 145135), (392, 145153), (430, 145225), (448, 145258),

Gene: Jayhawk_31 Start: 26461, Stop: 27333, Start Num: 176
Candidate Starts for Jayhawk_31:
(157, 26434), (Start: 176 @26461 has 165 MA's), (Start: 184 @26473 has 1 MA's), (200, 26542), (210, 26569), (217, 26599), (220, 26608), (233, 26644), (238, 26653), (257, 26686), (264, 26704), (271, 26734), (300, 26791), (301, 26794), (350, 26929), (364, 26956), (373, 26977), (381, 27001), (398, 27052), (419, 27154), (442, 27190), (455, 27214), (495, 27313), (498, 27322),

Gene: Jaykayelowell_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Jaykayelowell_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (296, 6399), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Jeckyll_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Jeckyll_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Jedediah_254 Start: 145369, Stop: 146397, Start Num: 57
Candidate Starts for Jedediah_254:
(Start: 57 @145369 has 189 MA's), (Start: 67 @145399 has 3 MA's), (73, 145411), (91, 145453), (116, 145516), (124, 145537), (Start: 160 @145621 has 1 MA's), (Start: 184 @145663 has 1 MA's), (187, 145675), (189, 145690), (210, 145759), (220, 145786), (244, 145840), (261, 145885), (262, 145888), (288, 145966), (299, 145987), (343, 146098), (386, 146188), (392, 146206), (430, 146278), (448, 146311),

Gene: Jemmno_252 Start: 144088, Stop: 145116, Start Num: 57
Candidate Starts for Jemmno_252:

(Start: 57 @144088 has 189 MA's), (Start: 67 @144118 has 3 MA's), (73, 144130), (91, 144172), (116, 144235), (124, 144256), (Start: 160 @144340 has 1 MA's), (Start: 184 @144382 has 1 MA's), (187, 144394), (189, 144409), (210, 144478), (220, 144505), (244, 144559), (261, 144604), (262, 144607), (288, 144685), (299, 144706), (343, 144817), (386, 144907), (392, 144925), (430, 144997), (448, 145030),

Gene: JenCasNa_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for JenCasNa_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Jennelsea_25 Start: 23661, Stop: 24662, Start Num: 63
Candidate Starts for Jennelsea_25:
(Start: 63 @23661 has 221 MA's), (Start: 67 @23682 has 3 MA's), (73, 23694), (91, 23736), (116, 23799), (124, 23820), (138, 23850), (Start: 160 @23904 has 1 MA's), (Start: 174 @23928 has 20 MA's), (Start: 184 @23943 has 1 MA's), (187, 23955), (220, 24066), (270, 24180), (277, 24198), (294, 24237), (304, 24261), (317, 24297), (322, 24324), (343, 24363), (369, 24411), (392, 24471), (424, 24531), (455, 24588), (470, 24618),

Gene: JeppNRM_13 Start: 6031, Stop: 6996, Start Num: 65
Candidate Starts for JeppNRM_13:
(Start: 65 @6031 has 101 MA's), (Start: 94 @6097 has 1 MA's), (111, 6151), (144, 6229), (200, 6352), (220, 6409), (264, 6481), (274, 6520), (282, 6538), (309, 6607), (339, 6691), (357, 6724), (369, 6751), (393, 6814), (440, 6904), (444, 6910),

Gene: Jerm_13 Start: 6833, Stop: 7825, Start Num: 83
Candidate Starts for Jerm_13:
(Start: 83 @6833 has 55 MA's), (Start: 96 @6866 has 1 MA's), (Start: 101 @6884 has 1 MA's), (Start: 102 @6887 has 1 MA's), (179, 7055), (Start: 184 @7061 has 1 MA's), (189, 7088), (205, 7148), (220, 7193), (264, 7280), (278, 7325), (294, 7364), (310, 7412), (318, 7427), (338, 7493), (358, 7535), (393, 7622), (448, 7736),

Gene: Jerm2_10 Start: 5731, Stop: 6699, Start Num: 71
Candidate Starts for Jerm2_10:
(Start: 71 @5731 has 225 MA's), (Start: 87 @5764 has 5 MA's), (92, 5782), (Start: 94 @5785 has 1 MA's), (203, 6052), (220, 6103), (223, 6115), (264, 6190), (284, 6253), (299, 6286), (309, 6316), (317, 6334), (321, 6358), (343, 6397), (384, 6478), (392, 6502), (393, 6505), (394, 6508), (402, 6517), (446, 6604), (490, 6691),

Gene: Jessibeth14_252 Start: 145564, Stop: 146592, Start Num: 57
Candidate Starts for Jessibeth14_252:
(Start: 57 @145564 has 189 MA's), (Start: 67 @145594 has 3 MA's), (73, 145606), (91, 145648), (116, 145711), (124, 145732), (Start: 160 @145816 has 1 MA's), (Start: 184 @145858 has 1 MA's), (187, 145870), (189, 145885), (210, 145954), (220, 145981), (244, 146035), (261, 146080), (262, 146083), (288, 146161), (299, 146182), (343, 146293), (386, 146383), (392, 146401), (430, 146473), (448, 146506),

Gene: JetBlade_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for JetBlade_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (456,

6778),

Gene: Jezreel_249 Start: 144633, Stop: 145661, Start Num: 57
Candidate Starts for Jezreel_249:
(Start: 57 @144633 has 189 MA's), (Start: 67 @144663 has 3 MA's), (91, 144717), (116, 144780), (124, 144801), (Start: 160 @144885 has 1 MA's), (Start: 184 @144927 has 1 MA's), (187, 144939), (189, 144954), (210, 145023), (220, 145050), (244, 145104), (261, 145149), (262, 145152), (288, 145230), (299, 145251), (343, 145362), (386, 145452), (392, 145470), (430, 145542), (448, 145575),

Gene: JigglyPuff_258 Start: 146059, Stop: 147087, Start Num: 57
Candidate Starts for JigglyPuff_258:
(Start: 57 @146059 has 189 MA's), (Start: 67 @146089 has 3 MA's), (73, 146101), (91, 146143), (116, 146206), (124, 146227), (Start: 160 @146311 has 1 MA's), (Start: 184 @146353 has 1 MA's), (187, 146365), (189, 146380), (210, 146449), (220, 146476), (244, 146530), (261, 146575), (262, 146578), (288, 146656), (299, 146677), (343, 146788), (386, 146878), (392, 146896), (430, 146968), (448, 147001),

Gene: Jinglebell_30 Start: 27728, Stop: 28729, Start Num: 63
Candidate Starts for Jinglebell_30:
(1, 27107), (3, 27185), (7, 27248), (15, 27287), (21, 27419), (24, 27440), (28, 27476), (37, 27629), (Start: 63 @27728 has 221 MA's), (Start: 67 @27749 has 3 MA's), (73, 27761), (91, 27803), (Start: 102 @27836 has 1 MA's), (116, 27866), (124, 27887), (Start: 160 @27971 has 1 MA's), (Start: 174 @27995 has 20 MA's), (Start: 184 @28010 has 1 MA's), (187, 28022), (220, 28133), (270, 28247), (277, 28265), (294, 28304), (304, 28328), (317, 28364), (322, 28391), (343, 28430), (392, 28538), (416, 28586), (424, 28598), (446, 28640), (448, 28643), (455, 28655), (470, 28685),

Gene: Job42_35 Start: 29517, Stop: 30518, Start Num: 63
Candidate Starts for Job42_35:
(Start: 63 @29517 has 221 MA's), (91, 29592), (Start: 102 @29625 has 1 MA's), (116, 29655), (124, 29676), (138, 29706), (142, 29718), (Start: 160 @29760 has 1 MA's), (Start: 174 @29784 has 20 MA's), (Start: 184 @29799 has 1 MA's), (187, 29811), (220, 29922), (262, 30006), (270, 30036), (277, 30054), (294, 30093), (304, 30117), (317, 30153), (322, 30180), (343, 30219), (369, 30267), (392, 30327), (416, 30375), (424, 30387), (448, 30432), (455, 30444), (470, 30474),

Gene: Jobu08_12 Start: 6031, Stop: 6996, Start Num: 65
Candidate Starts for Jobu08_12:
(Start: 65 @6031 has 101 MA's), (88, 6076), (Start: 94 @6097 has 1 MA's), (139, 6217), (200, 6355), (220, 6412), (225, 6427), (269, 6508), (274, 6523), (282, 6541), (304, 6592), (309, 6610), (322, 6655), (369, 6751), (393, 6814), (413, 6853), (440, 6904),

Gene: Jobypre_28 Start: 26850, Stop: 27893, Start Num: 80
Candidate Starts for Jobypre_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: JoeDirt_26 Start: 25529, Stop: 26560, Start Num: 64
Candidate Starts for JoeDirt_26:
(Start: 64 @25529 has 22 MA's), (122, 25685), (129, 25709), (135, 25721), (143, 25739), (150, 25757), (158, 25775), (Start: 163 @25781 has 3 MA's), (169, 25790), (Start: 176 @25805 has 165 MA's), (185, 25820), (192, 25868), (200, 25892), (220, 25949), (235, 25988), (271, 26066), (274, 26075), (276, 26078), (282, 26093), (302, 26147), (309, 26168), (313, 26183), (356, 26267), (369, 26297), (393,

26366), (402, 26378), (413, 26402), (419, 26420), (424, 26423), (430, 26435), (432, 26438), (448, 26468), (455, 26480),

Gene: JoeyJr_31 Start: 27687, Stop: 28688, Start Num: 63
Candidate Starts for JoeyJr_31:
(34, 27525), (Start: 63 @27687 has 221 MA's), (91, 27762), (Start: 102 @27795 has 1 MA's), (116, 27825), (124, 27846), (138, 27876), (142, 27888), (Start: 160 @27930 has 1 MA's), (Start: 174 @27954 has 20 MA's), (Start: 184 @27969 has 1 MA's), (187, 27981), (220, 28092), (270, 28206), (277, 28224), (294, 28263), (304, 28287), (317, 28323), (322, 28350), (343, 28389), (369, 28437), (392, 28497), (416, 28545), (424, 28557), (448, 28602), (455, 28614), (470, 28644),

Gene: Jolie1_042 Start: 40346, Stop: 41341, Start Num: 82
Candidate Starts for Jolie1_042:
(Start: 82 @40346 has 12 MA's), (Start: 94 @40376 has 1 MA's), (Start: 101 @40397 has 1 MA's), (Start: 102 @40400 has 1 MA's), (134, 40487), (Start: 162 @40535 has 23 MA's), (196, 40637), (218, 40700), (220, 40706), (233, 40742), (265, 40790), (299, 40883), (306, 40901), (335, 40988), (337, 40991), (363, 41051), (369, 41063), (374, 41075), (377, 41081), (421, 41186), (487, 41318),

Gene: JoongJeon_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for JoongJeon_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Jorgensen_10 Start: 5816, Stop: 6784, Start Num: 71
Candidate Starts for Jorgensen_10:
(Start: 71 @5816 has 225 MA's), (Start: 87 @5849 has 5 MA's), (92, 5867), (Start: 94 @5870 has 1 MA's), (Start: 184 @6059 has 1 MA's), (203, 6137), (220, 6188), (223, 6200), (264, 6275), (284, 6338), (299, 6371), (304, 6383), (309, 6401), (317, 6419), (321, 6443), (343, 6482), (384, 6563), (392, 6587), (393, 6590), (394, 6593), (402, 6602), (446, 6689), (490, 6776),

Gene: JoshKayV_13 Start: 6822, Stop: 7814, Start Num: 83
Candidate Starts for JoshKayV_13:
(Start: 83 @6822 has 55 MA's), (Start: 96 @6855 has 1 MA's), (Start: 101 @6873 has 1 MA's), (Start: 102 @6876 has 1 MA's), (112, 6909), (Start: 184 @7050 has 1 MA's), (189, 7077), (205, 7137), (220, 7182), (264, 7269), (278, 7314), (294, 7353), (310, 7401), (318, 7416), (338, 7482), (358, 7524), (393, 7611), (417, 7659), (448, 7725), (481, 7800),

Gene: Journey13_9 Start: 5628, Stop: 6563, Start Num: 183
Candidate Starts for Journey13_9:
(Start: 183 @5628 has 4 MA's), (204, 5721), (213, 5754), (227, 5796), (230, 5802), (260, 5880), (261, 5883), (322, 6072), (343, 6114), (355, 6153), (362, 6171), (380, 6213), (382, 6222), (399, 6273), (408, 6336), (436, 6405), (467, 6486), (495, 6549),

Gene: Jovo_8 Start: 5464, Stop: 6273, Start Num: 181
Candidate Starts for Jovo_8:
(Start: 181 @5464 has 57 MA's), (194, 5527), (197, 5536), (203, 5557), (213, 5593), (230, 5641), (256, 5698), (261, 5722), (322, 5911), (343, 5953), (362, 6010), (495, 6259),

Gene: Joy99_31 Start: 26423, Stop: 27295, Start Num: 176
Candidate Starts for Joy99_31:

(44, 26093), (125, 26321), (157, 26396), (Start: 176 @26423 has 165 MA's), (Start: 184 @26435 has 1 MA's), (200, 26504), (210, 26531), (217, 26561), (220, 26570), (233, 26606), (238, 26615), (257, 26648), (264, 26666), (271, 26696), (301, 26756), (350, 26891), (364, 26918), (373, 26939), (381, 26963), (398, 27014), (419, 27116), (442, 27152), (455, 27176), (495, 27275), (498, 27284),

Gene: Jsquared_10 Start: 5553, Stop: 6317, Start Num: 176
Candidate Starts for Jsquared_10:
(Start: 176 @5553 has 165 MA's), (220, 5697), (264, 5784), (270, 5811), (271, 5814), (274, 5823), (304, 5892), (309, 5910), (369, 6051), (381, 6078), (386, 6093), (392, 6111), (393, 6114), (440, 6204), (471, 6273),

Gene: Jubie_28 Start: 26851, Stop: 27894, Start Num: 80
Candidate Starts for Jubie_28:
(Start: 80 @26851 has 47 MA's), (Start: 83 @26857 has 55 MA's), (92, 26884), (99, 26905), (115, 26956), (149, 27037), (191, 27142), (218, 27223), (220, 27229), (267, 27325), (272, 27343), (274, 27349), (277, 27355), (309, 27427), (325, 27484), (353, 27544), (385, 27619), (392, 27640), (410, 27664), (418, 27679), (426, 27691), (455, 27748), (495, 27850), (501, 27871),

Gene: Juice456_32 Start: 28821, Stop: 29822, Start Num: 63
Candidate Starts for Juice456_32:
(Start: 63 @28821 has 221 MA's), (91, 28896), (Start: 102 @28929 has 1 MA's), (116, 28959), (124, 28980), (Start: 160 @29064 has 1 MA's), (187, 29115), (189, 29130), (220, 29226), (269, 29337), (277, 29358), (294, 29397), (299, 29409), (317, 29457), (322, 29484), (333, 29508), (343, 29523), (392, 29631), (416, 29679), (455, 29748), (470, 29778),

Gene: JuicyJay_51 Start: 44324, Stop: 45190, Start Num: 154
Candidate Starts for JuicyJay_51:
(Start: 154 @44324 has 32 MA's), (Start: 171 @44351 has 1 MA's), (Start: 181 @44372 has 57 MA's), (201, 44459), (207, 44480), (220, 44525), (227, 44546), (241, 44567), (261, 44621), (277, 44672), (298, 44723), (351, 44873), (366, 44915), (385, 44966), (392, 44984), (441, 45050), (447, 45062), (453, 45071), (462, 45101), (489, 45164),

Gene: JuliaChild_12 Start: 6491, Stop: 7459, Start Num: 71
Candidate Starts for JuliaChild_12:
(Start: 71 @6491 has 225 MA's), (Start: 87 @6524 has 5 MA's), (92, 6542), (Start: 94 @6545 has 1 MA's), (203, 6812), (220, 6863), (223, 6875), (264, 6950), (284, 7013), (289, 7025), (299, 7046), (309, 7076), (317, 7094), (321, 7118), (343, 7157), (384, 7238), (392, 7262), (393, 7265), (394, 7268), (402, 7277), (446, 7364), (470, 7409), (490, 7451),

Gene: JulietS_241 Start: 141668, Stop: 142696, Start Num: 57
Candidate Starts for JulietS_241:
(Start: 57 @141668 has 189 MA's), (Start: 67 @141698 has 3 MA's), (91, 141752), (116, 141815), (124, 141836), (Start: 160 @141920 has 1 MA's), (Start: 184 @141962 has 1 MA's), (187, 141974), (189, 141989), (210, 142058), (220, 142085), (244, 142139), (261, 142184), (262, 142187), (288, 142265), (299, 142286), (343, 142397), (386, 142487), (392, 142505), (430, 142577), (448, 142610),

Gene: Juliette_34 Start: 27788, Stop: 28579, Start Num: 162
Candidate Starts for Juliette_34:
(Start: 162 @27788 has 23 MA's), (Start: 184 @27821 has 1 MA's), (190, 27854), (196, 27878), (203, 27899), (208, 27908), (214, 27938), (217, 27947), (220, 27956), (233, 27992), (273, 28073), (350, 28280), (364, 28307), (373, 28328), (381, 28352), (418, 28376), (448, 28430), (455, 28442), (479, 28514),

Gene: Junimo_9 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Junimo_9:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Juniper1_31 Start: 27486, Stop: 28487, Start Num: 63
Candidate Starts for Juniper1_31:
(37, 27387), (Start: 63 @27486 has 221 MA's), (91, 27561), (Start: 102 @27594 has 1 MA's), (116, 27624), (124, 27645), (Start: 160 @27729 has 1 MA's), (Start: 174 @27753 has 20 MA's), (Start: 184 @27768 has 1 MA's), (187, 27780), (220, 27891), (270, 28005), (277, 28023), (294, 28062), (304, 28086), (317, 28122), (322, 28149), (343, 28188), (369, 28236), (392, 28296), (424, 28356), (448, 28401), (455, 28413), (470, 28443),

Gene: JustHall_246 Start: 143618, Stop: 144646, Start Num: 57
Candidate Starts for JustHall_246:
(Start: 57 @143618 has 189 MA's), (Start: 67 @143648 has 3 MA's), (73, 143660), (91, 143702), (116, 143765), (124, 143786), (Start: 160 @143870 has 1 MA's), (Start: 184 @143912 has 1 MA's), (187, 143924), (189, 143939), (210, 144008), (220, 144035), (244, 144089), (261, 144134), (262, 144137), (288, 144215), (299, 144236), (343, 144347), (386, 144437), (392, 144455), (430, 144527), (448, 144560),

Gene: KADY_13 Start: 6046, Stop: 7011, Start Num: 65
Candidate Starts for KADY_13:
(Start: 65 @6046 has 101 MA's), (88, 6091), (Start: 94 @6112 has 1 MA's), (139, 6232), (200, 6370), (220, 6427), (225, 6442), (269, 6523), (274, 6538), (282, 6556), (304, 6607), (309, 6625), (322, 6670), (369, 6766), (393, 6829), (440, 6919),

Gene: KBG_11 Start: 6924, Stop: 7892, Start Num: 71
Candidate Starts for KBG_11:
(Start: 71 @6924 has 225 MA's), (Start: 87 @6957 has 5 MA's), (92, 6975), (Start: 94 @6978 has 1 MA's), (203, 7245), (220, 7296), (223, 7308), (264, 7383), (284, 7446), (289, 7458), (299, 7479), (304, 7491), (309, 7509), (317, 7527), (321, 7551), (343, 7590), (384, 7671), (392, 7695), (393, 7698), (394, 7701), (402, 7710), (446, 7797), (490, 7884),

Gene: KFPoly_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for KFPoly_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: KSSJEB_9 Start: 5491, Stop: 6459, Start Num: 71
Candidate Starts for KSSJEB_9:
(Start: 71 @5491 has 225 MA's), (Start: 87 @5524 has 5 MA's), (92, 5542), (Start: 94 @5545 has 1 MA's), (203, 5812), (210, 5830), (220, 5863), (223, 5875), (264, 5950), (284, 6013), (299, 6046), (304, 6058), (309, 6076), (313, 6091), (317, 6094), (321, 6118), (343, 6157), (384, 6238), (392, 6262), (393, 6265), (394, 6268), (402, 6277), (446, 6364), (490, 6451),

Gene: Kachowdy_10 Start: 5790, Stop: 6530, Start Num: 166
Candidate Starts for Kachowdy_10:
(Start: 166 @5790 has 22 MA's), (200, 5877), (220, 5934), (223, 5946), (225, 5949), (235, 5973), (249, 5988), (261, 6006), (269, 6036), (271, 6042), (282, 6069), (309, 6138), (334, 6210), (357, 6252), (369,

6279), (381, 6306), (392, 6339), (393, 6342), (413, 6381), (492, 6522),

Gene: Kahlid_28 Start: 26308, Stop: 27279, Start Num: 80
Candidate Starts for Kahlid_28:
(Start: 80 @26308 has 47 MA's), (99, 26362), (144, 26482), (156, 26512), (167, 26527), (Start: 184 @26560 has 1 MA's), (185, 26563), (187, 26572), (190, 26593), (210, 26656), (220, 26683), (228, 26707), (244, 26737), (270, 26788), (274, 26800), (305, 26863), (309, 26878), (321, 26938), (327, 26953), (364, 27034), (373, 27052), (375, 27055), (376, 27058), (424, 27109), (448, 27154), (465, 27196), (485, 27238),

Gene: Kalah2_49 Start: 42912, Stop: 43784, Start Num: 154
Candidate Starts for Kalah2_49:
(Start: 154 @42912 has 32 MA's), (Start: 171 @42939 has 1 MA's), (189, 42999), (201, 43047), (220, 43113), (227, 43134), (241, 43155), (261, 43209), (290, 43290), (391, 43569), (392, 43572), (412, 43596), (438, 43632), (445, 43647), (453, 43659), (459, 43680),

Gene: Kalb97_13 Start: 6031, Stop: 6996, Start Num: 65
Candidate Starts for Kalb97_13:
(Start: 65 @6031 has 101 MA's), (Start: 94 @6097 has 1 MA's), (111, 6151), (144, 6229), (200, 6352), (220, 6409), (264, 6481), (274, 6520), (282, 6538), (309, 6607), (357, 6724), (369, 6751), (393, 6814), (440, 6904), (444, 6910),

Gene: Kalnoky_13 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Kalnoky_13:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: Kalpine_14 Start: 8215, Stop: 9192, Start Num: 72
Candidate Starts for Kalpine_14:
(54, 8173), (Start: 72 @8215 has 61 MA's), (Start: 94 @8269 has 1 MA's), (200, 8506), (220, 8563), (264, 8647), (274, 8686), (304, 8755), (305, 8758), (309, 8773), (330, 8836), (348, 8878), (369, 8926), (381, 8953), (386, 8968), (392, 8986), (393, 8989),

Gene: Kamiyu_47 Start: 41505, Stop: 42569, Start Num: 52
Candidate Starts for Kamiyu_47:
(Start: 52 @41505 has 53 MA's), (Start: 77 @41568 has 3 MA's), (110, 41649), (138, 41715), (144, 41730), (147, 41742), (161, 41769), (188, 41826), (190, 41835), (242, 41982), (251, 41997), (269, 42051), (282, 42084), (301, 42123), (305, 42135), (331, 42216), (343, 42234), (344, 42237), (416, 42393), (475, 42504), (486, 42525), (499, 42558),

Gene: Kampy_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Kampy_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Kamryn_251 Start: 145208, Stop: 146236, Start Num: 57
Candidate Starts for Kamryn_251:
(Start: 57 @145208 has 189 MA's), (Start: 67 @145238 has 3 MA's), (73, 145250), (91, 145292), (116, 145355), (124, 145376), (Start: 160 @145460 has 1 MA's), (Start: 184 @145502 has 1 MA's), (187, 145514), (189, 145529), (210, 145598), (220, 145625), (244, 145679), (261, 145724), (262, 145727),

(288, 145805), (299, 145826), (343, 145937), (386, 146027), (392, 146045), (430, 146117), (448, 146150),

Gene: Kanely_11 Start: 6601, Stop: 7569, Start Num: 71
Candidate Starts for Kanely_11:
(Start: 71 @6601 has 225 MA's), (Start: 87 @6634 has 5 MA's), (92, 6652), (Start: 94 @6655 has 1 MA's), (203, 6922), (220, 6973), (223, 6985), (264, 7060), (284, 7123), (299, 7156), (304, 7168), (309, 7186), (317, 7204), (321, 7228), (343, 7267), (384, 7348), (392, 7372), (393, 7375), (394, 7378), (402, 7387), (446, 7474), (490, 7561),

Gene: Karhdo_31 Start: 27651, Stop: 28652, Start Num: 63
Candidate Starts for Karhdo_31:
(2, 27030), (4, 27108), (8, 27171), (16, 27210), (24, 27363), (28, 27399), (Start: 63 @27651 has 221 MA's), (Start: 67 @27672 has 3 MA's), (73, 27684), (91, 27726), (116, 27789), (124, 27810), (138, 27840), (Start: 160 @27894 has 1 MA's), (Start: 174 @27918 has 20 MA's), (187, 27945), (220, 28056), (270, 28170), (277, 28188), (294, 28227), (304, 28251), (317, 28287), (322, 28314), (343, 28353), (369, 28401), (392, 28461), (424, 28521), (455, 28578), (470, 28608),

Gene: KashFlow_42 Start: 36675, Stop: 37547, Start Num: 154
Candidate Starts for KashFlow_42:
(93, 36504), (Start: 154 @36675 has 32 MA's), (Start: 171 @36702 has 1 MA's), (189, 36762), (203, 36819), (207, 36831), (220, 36876), (227, 36897), (241, 36918), (261, 36972), (290, 37053), (336, 37194), (391, 37332), (392, 37335), (412, 37359), (438, 37395), (445, 37410), (453, 37422), (459, 37443),

Gene: Katalie136_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for Katalie136_10:
(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (218, 6241), (220, 6247), (223, 6259), (237, 6289), (265, 6331), (280, 6379), (296, 6409), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: Kboogie_256 Start: 144247, Stop: 145275, Start Num: 57
Candidate Starts for Kboogie_256:
(Start: 57 @144247 has 189 MA's), (Start: 67 @144277 has 3 MA's), (73, 144289), (91, 144331), (116, 144394), (124, 144415), (Start: 160 @144499 has 1 MA's), (Start: 184 @144541 has 1 MA's), (187, 144553), (189, 144568), (210, 144637), (220, 144664), (244, 144718), (261, 144763), (262, 144766), (288, 144844), (299, 144865), (343, 144976), (386, 145066), (392, 145084), (430, 145156), (448, 145189),

Gene: KekoraPapaka_9 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for KekoraPapaka_9:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Kenmech_12 Start: 6603, Stop: 7571, Start Num: 71
Candidate Starts for Kenmech_12:
(Start: 71 @6603 has 225 MA's), (Start: 87 @6636 has 5 MA's), (92, 6654), (Start: 94 @6657 has 1 MA's), (203, 6924), (220, 6975), (223, 6987), (264, 7062), (299, 7158), (309, 7188), (317, 7206), (321, 7230), (343, 7269), (384, 7350), (392, 7374), (393, 7377), (394, 7380), (402, 7389), (446, 7476), (470, 7521), (490, 7563),

Gene: Kenuha5_28 Start: 26636, Stop: 27637, Start Num: 55
Candidate Starts for Kenuha5_28:
(Start: 55 @26636 has 35 MA's), (91, 26711), (Start: 102 @26744 has 1 MA's), (116, 26774), (124, 26795), (138, 26825), (142, 26837), (Start: 160 @26879 has 1 MA's), (187, 26930), (189, 26945), (220, 27041), (269, 27152), (277, 27173), (294, 27212), (299, 27224), (317, 27272), (322, 27299), (333, 27323), (343, 27338), (392, 27446), (416, 27494), (455, 27563), (470, 27593),

Gene: Kerberos_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for Kerberos_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (357, 7068), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: Kersh_30 Start: 28727, Stop: 29728, Start Num: 63
Candidate Starts for Kersh_30:
(37, 28628), (Start: 63 @28727 has 221 MA's), (Start: 67 @28748 has 3 MA's), (73, 28760), (91, 28802), (Start: 102 @28835 has 1 MA's), (116, 28865), (124, 28886), (Start: 160 @28970 has 1 MA's), (Start: 174 @28994 has 20 MA's), (Start: 184 @29009 has 1 MA's), (187, 29021), (220, 29132), (270, 29246), (277, 29264), (294, 29303), (304, 29327), (317, 29363), (322, 29390), (343, 29429), (369, 29477), (392, 29537), (416, 29585), (424, 29597), (448, 29642), (455, 29654), (470, 29684),

Gene: Keshu_32 Start: 27384, Stop: 28172, Start Num: 176
Candidate Starts for Keshu_32:
(157, 27360), (Start: 176 @27384 has 165 MA's), (190, 27429), (200, 27465), (217, 27522), (220, 27531), (233, 27567), (264, 27621), (269, 27645), (323, 27786), (350, 27849), (364, 27891), (373, 27912), (376, 27918), (381, 27936), (416, 27966), (455, 28035), (479, 28107), (495, 28137),

Gene: Khaleesi_251 Start: 145031, Stop: 146059, Start Num: 57
Candidate Starts for Khaleesi_251:
(Start: 57 @145031 has 189 MA's), (Start: 67 @145061 has 3 MA's), (73, 145073), (91, 145115), (116, 145178), (124, 145199), (Start: 160 @145283 has 1 MA's), (Start: 184 @145325 has 1 MA's), (187, 145337), (189, 145352), (210, 145421), (220, 145448), (244, 145502), (261, 145547), (262, 145550), (288, 145628), (299, 145649), (343, 145760), (386, 145850), (392, 145868), (430, 145940), (448, 145973),

Gene: Kheparia_33 Start: 26403, Stop: 27275, Start Num: 176
Candidate Starts for Kheparia_33:
(157, 26376), (Start: 176 @26403 has 165 MA's), (Start: 184 @26415 has 1 MA's), (200, 26484), (210, 26511), (217, 26541), (220, 26550), (233, 26586), (238, 26595), (257, 26628), (264, 26646), (301, 26736), (350, 26871), (364, 26898), (373, 26919), (381, 26943), (398, 26994), (419, 27096), (442, 27132), (455, 27156), (495, 27255), (498, 27264),

Gene: KiSi_30 Start: 25623, Stop: 26363, Start Num: 176
Candidate Starts for KiSi_30:
(125, 25521), (133, 25542), (148, 25575), (157, 25596), (Start: 176 @25623 has 165 MA's), (190, 25668), (200, 25704), (220, 25761), (233, 25797), (257, 25839), (271, 25887), (301, 25947), (350, 26082), (364, 26109), (376, 26136), (381, 26154), (418, 26178), (442, 26220), (454, 26241), (455, 26244), (495, 26343),

Gene: KikiBouba_12 Start: 6578, Stop: 7540, Start Num: 71
Candidate Starts for KikiBouba_12:
(Start: 71 @6578 has 225 MA's), (Start: 87 @6611 has 5 MA's), (92, 6629), (Start: 94 @6632 has 1 MA's), (203, 6899), (220, 6944), (265, 7034), (294, 7115), (299, 7127), (304, 7139), (309, 7157), (317,

7175), (321, 7199), (343, 7238), (384, 7319), (392, 7343), (393, 7346), (394, 7349), (402, 7358), (446, 7445), (470, 7490), (490, 7532),

Gene: Killigrew_8 Start: 5466, Stop: 6434, Start Num: 71
Candidate Starts for Killigrew_8:
(Start: 71 @5466 has 225 MA's), (Start: 87 @5499 has 5 MA's), (92, 5517), (Start: 94 @5520 has 1 MA's), (203, 5787), (210, 5805), (220, 5838), (223, 5850), (264, 5925), (284, 5988), (299, 6021), (309, 6051), (317, 6069), (321, 6093), (343, 6132), (384, 6213), (392, 6237), (393, 6240), (394, 6243), (402, 6252), (446, 6339), (490, 6426),

Gene: Kimberlium_33 Start: 28888, Stop: 29646, Start Num: 160
Candidate Starts for Kimberlium_33:
(Start: 160 @28888 has 1 MA's), (Start: 174 @28912 has 20 MA's), (Start: 184 @28927 has 1 MA's), (187, 28939), (220, 29050), (270, 29164), (277, 29182), (294, 29221), (304, 29245), (317, 29281), (322, 29308), (343, 29347), (392, 29455), (416, 29503), (424, 29515), (448, 29560), (455, 29572), (470, 29602),

Gene: Kimona_7 Start: 3551, Stop: 4285, Start Num: 177
Candidate Starts for Kimona_7:
(100, 3389), (Start: 177 @3551 has 9 MA's), (220, 3692), (225, 3707), (235, 3731), (271, 3800), (282, 3827), (309, 3896), (369, 4037), (381, 4064), (393, 4100), (413, 4139), (482, 4262),

Gene: KingCyrus_13 Start: 6810, Stop: 7802, Start Num: 83
Candidate Starts for KingCyrus_13:
(Start: 83 @6810 has 55 MA's), (Start: 101 @6861 has 1 MA's), (Start: 102 @6864 has 1 MA's), (119, 6912), (Start: 184 @7038 has 1 MA's), (189, 7065), (205, 7125), (220, 7170), (264, 7257), (278, 7302), (294, 7341), (310, 7389), (318, 7404), (338, 7470), (352, 7494), (358, 7512), (393, 7599), (417, 7647), (448, 7713), (481, 7788),

Gene: KingJulian_31 Start: 27715, Stop: 28716, Start Num: 63
Candidate Starts for KingJulian_31:
(Start: 63 @27715 has 221 MA's), (91, 27790), (Start: 102 @27823 has 1 MA's), (116, 27853), (124, 27874), (138, 27904), (Start: 160 @27958 has 1 MA's), (Start: 174 @27982 has 20 MA's), (Start: 184 @27997 has 1 MA's), (187, 28009), (220, 28120), (270, 28234), (277, 28252), (294, 28291), (304, 28315), (317, 28351), (322, 28378), (343, 28417), (392, 28525), (416, 28573), (424, 28585), (448, 28630), (455, 28642), (470, 28672),

Gene: KingPhillip3_67 Start: 43434, Stop: 44474, Start Num: 62
Candidate Starts for KingPhillip3_67:
(Start: 62 @43434 has 32 MA's), (91, 43509), (116, 43590), (119, 43596), (124, 43611), (158, 43692), (Start: 160 @43695 has 1 MA's), (187, 43749), (189, 43764), (220, 43860), (235, 43899), (248, 43929), (261, 43959), (262, 43962), (271, 43995), (299, 44061), (311, 44100), (317, 44109), (322, 44136), (343, 44175), (428, 44349), (455, 44400),

Gene: Kingmustik0402_10 Start: 5873, Stop: 6853, Start Num: 84
Candidate Starts for Kingmustik0402_10:
(Start: 84 @5873 has 125 MA's), (Start: 86 @5876 has 14 MA's), (Start: 94 @5900 has 1 MA's), (Start: 101 @5921 has 1 MA's), (Start: 102 @5924 has 1 MA's), (200, 6173), (220, 6230), (251, 6293), (265, 6314), (269, 6335), (280, 6362), (296, 6392), (306, 6419), (363, 6569), (411, 6680), (417, 6692), (421, 6704), (456, 6770),

Gene: Kingsley_30 Start: 27238, Stop: 28308, Start Num: 63
Candidate Starts for Kingsley_30:

(43, 27187), (Start: 63 @27238 has 221 MA's), (Start: 70 @27265 has 1 MA's), (Start: 87 @27292 has 5 MA's), (90, 27301), (110, 27361), (123, 27388), (147, 27454), (Start: 181 @27508 has 57 MA's), (190, 27550), (203, 27601), (242, 27715), (255, 27748), (276, 27823), (284, 27844), (331, 27973), (369, 28045), (410, 28141), (416, 28153), (455, 28222), (483, 28279), (488, 28288),

Gene: Kingsolomon_28 Start: 26850, Stop: 27893, Start Num: 80
Candidate Starts for Kingsolomon_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: Kinmap_10 Start: 6423, Stop: 7412, Start Num: 83
Candidate Starts for Kinmap_10:
(Start: 83 @6423 has 55 MA's), (Start: 94 @6453 has 1 MA's), (98, 6468), (Start: 102 @6477 has 1 MA's), (218, 6777), (220, 6783), (232, 6816), (233, 6819), (265, 6858), (280, 6906), (306, 6972), (363, 7122), (392, 7200), (405, 7215), (421, 7257), (439, 7293), (456, 7329),

Gene: KirDoubleO7_26 Start: 26843, Stop: 27886, Start Num: 80
Candidate Starts for KirDoubleO7_26:
(Start: 80 @26843 has 47 MA's), (Start: 83 @26849 has 55 MA's), (92, 26876), (99, 26897), (115, 26948), (149, 27029), (191, 27134), (218, 27215), (220, 27221), (237, 27263), (267, 27317), (272, 27335), (274, 27341), (277, 27347), (309, 27419), (325, 27476), (353, 27536), (385, 27611), (410, 27656), (418, 27671), (419, 27677), (455, 27740), (495, 27842), (501, 27863), (502, 27869),

Gene: KittenMittens_9 Start: 3781, Stop: 4755, Start Num: 72
Candidate Starts for KittenMittens_9:
(59, 3742), (Start: 72 @3781 has 61 MA's), (88, 3814), (Start: 94 @3835 has 1 MA's), (Start: 166 @4003 has 22 MA's), (187, 4045), (189, 4060), (220, 4165), (264, 4237), (270, 4264), (271, 4267), (274, 4276), (309, 4363), (369, 4510), (393, 4573), (413, 4612), (436, 4654),

Gene: Klein_49 Start: 42136, Stop: 43002, Start Num: 154
Candidate Starts for Klein_49:
(Start: 154 @42136 has 32 MA's), (Start: 171 @42163 has 1 MA's), (Start: 181 @42184 has 57 MA's), (201, 42271), (207, 42292), (220, 42337), (227, 42358), (241, 42379), (261, 42433), (277, 42484), (298, 42535), (351, 42685), (366, 42727), (385, 42778), (392, 42796), (441, 42862), (447, 42874), (453, 42883), (462, 42913), (489, 42976),

Gene: KleverKiS_38 Start: 31774, Stop: 32745, Start Num: 85
Candidate Starts for KleverKiS_38:
(Start: 85 @31774 has 15 MA's), (Start: 94 @31798 has 1 MA's), (98, 31813), (152, 31951), (Start: 171 @31978 has 1 MA's), (179, 31996), (185, 32008), (187, 32017), (196, 32062), (200, 32074), (210, 32101), (220, 32128), (223, 32140), (244, 32185), (262, 32212), (270, 32242), (273, 32251), (274, 32254), (320, 32356), (384, 32509), (385, 32512), (410, 32572), (416, 32584), (419, 32593), (442, 32629), (450, 32644), (466, 32683), (482, 32716),

Gene: Knocker_50 Start: 44291, Stop: 45292, Start Num: 82
Candidate Starts for Knocker_50:
(Start: 82 @44291 has 12 MA's), (Start: 94 @44321 has 1 MA's), (Start: 101 @44342 has 1 MA's), (Start: 102 @44345 has 1 MA's), (119, 44393), (134, 44432), (Start: 184 @44519 has 1 MA's), (218, 44645), (220, 44651), (233, 44687), (251, 44714), (265, 44735), (286, 44798), (294, 44816), (306, 44846), (317, 44876), (338, 44942), (372, 45017), (374, 45020), (388, 45062), (391, 45071), (421, 45131), (429, 45140), (480, 45251), (487, 45263), (496, 45281),

Gene: Koan_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Koan_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712),

Gene: Koduck_12 Start: 5840, Stop: 6604, Start Num: 176
Candidate Starts for Koduck_12:
(Start: 176 @5840 has 165 MA's), (220, 5984), (270, 6098), (271, 6101), (274, 6110), (309, 6197), (330, 6260), (369, 6338), (381, 6365), (386, 6380), (392, 6398), (393, 6401), (440, 6491), (471, 6560),

Gene: Koella_25 Start: 23673, Stop: 24674, Start Num: 63
Candidate Starts for Koella_25:
(Start: 63 @23673 has 221 MA's), (Start: 67 @23694 has 3 MA's), (73, 23706), (91, 23748), (116, 23811), (124, 23832), (138, 23862), (Start: 160 @23916 has 1 MA's), (Start: 174 @23940 has 20 MA's), (Start: 184 @23955 has 1 MA's), (187, 23967), (220, 24078), (270, 24192), (277, 24210), (294, 24249), (304, 24273), (317, 24309), (322, 24336), (343, 24375), (369, 24423), (392, 24483), (424, 24543), (455, 24600), (470, 24630),

Gene: Koguma_251 Start: 143830, Stop: 144858, Start Num: 57
Candidate Starts for Koguma_251:
(Start: 57 @143830 has 189 MA's), (Start: 67 @143860 has 3 MA's), (73, 143872), (91, 143914), (116, 143977), (124, 143998), (Start: 160 @144082 has 1 MA's), (Start: 184 @144124 has 1 MA's), (187, 144136), (189, 144151), (210, 144220), (220, 144247), (244, 144301), (261, 144346), (262, 144349), (288, 144427), (299, 144448), (343, 144559), (386, 144649), (392, 144667), (430, 144739), (448, 144772),

Gene: Koreni_9 Start: 5530, Stop: 6510, Start Num: 84
Candidate Starts for Koreni_9:
(Start: 84 @5530 has 125 MA's), (Start: 86 @5533 has 14 MA's), (Start: 94 @5557 has 1 MA's), (Start: 101 @5578 has 1 MA's), (Start: 102 @5581 has 1 MA's), (200, 5830), (220, 5887), (265, 5971), (269, 5992), (280, 6019), (306, 6076), (363, 6226), (411, 6337), (417, 6349), (421, 6361), (456, 6427),

Gene: Krakatau_32 Start: 28214, Stop: 29215, Start Num: 63
Candidate Starts for Krakatau_32:
(Start: 63 @28214 has 221 MA's), (Start: 67 @28235 has 3 MA's), (73, 28247), (91, 28289), (116, 28352), (124, 28373), (138, 28403), (Start: 160 @28457 has 1 MA's), (Start: 174 @28481 has 20 MA's), (187, 28508), (220, 28619), (270, 28733), (277, 28751), (294, 28790), (304, 28814), (317, 28850), (322, 28877), (343, 28916), (369, 28964), (392, 29024), (424, 29084), (455, 29141), (470, 29171),

Gene: Kratark_10 Start: 5876, Stop: 6856, Start Num: 84
Candidate Starts for Kratark_10:
(Start: 84 @5876 has 125 MA's), (Start: 94 @5903 has 1 MA's), (Start: 102 @5927 has 1 MA's), (178, 6092), (200, 6176), (220, 6233), (223, 6245), (251, 6296), (265, 6317), (269, 6338), (280, 6365), (294, 6392), (306, 6422), (363, 6572), (417, 6695), (421, 6707), (456, 6773),

Gene: Kratio_29 Start: 26874, Stop: 27623, Start Num: 184
Candidate Starts for Kratio_29:
(148, 26814), (Start: 174 @26862 has 20 MA's), (Start: 184 @26874 has 1 MA's), (185, 26877), (186, 26880), (190, 26907), (200, 26943), (218, 27003), (220, 27009), (231, 27039), (233, 27045), (238, 27054), (257, 27087), (269, 27129), (270, 27132), (274, 27144), (295, 27180), (301, 27195), (311,

27231), (350, 27330), (364, 27357), (373, 27378), (419, 27441), (436, 27465), (448, 27489), (473, 27558), (495, 27603), (498, 27612),

Gene: Kraw_32 Start: 27553, Stop: 28344, Start Num: 162
Candidate Starts for Kraw_32:
(Start: 162 @27553 has 23 MA's), (Start: 184 @27586 has 1 MA's), (190, 27619), (196, 27643), (203, 27664), (217, 27712), (220, 27721), (233, 27757), (273, 27838), (350, 28045), (364, 28072), (367, 28078), (373, 28093), (381, 28117), (418, 28141), (430, 28162), (448, 28195), (455, 28207), (479, 28279),

Gene: Kremtemulon_10 Start: 5926, Stop: 6906, Start Num: 84
Candidate Starts for Kremtemulon_10:
(Start: 84 @5926 has 125 MA's), (Start: 94 @5953 has 1 MA's), (Start: 101 @5974 has 1 MA's), (Start: 102 @5977 has 1 MA's), (200, 6226), (218, 6277), (220, 6283), (223, 6295), (261, 6358), (265, 6367), (280, 6415), (306, 6472), (363, 6622), (374, 6646), (385, 6679), (414, 6736), (421, 6757), (456, 6823), (491, 6898),

Gene: Krili_66 Start: 42929, Stop: 43969, Start Num: 62
Candidate Starts for Krili_66:
(Start: 62 @42929 has 32 MA's), (91, 43004), (116, 43085), (119, 43091), (124, 43106), (158, 43187), (Start: 160 @43190 has 1 MA's), (187, 43244), (189, 43259), (220, 43355), (235, 43394), (248, 43424), (261, 43454), (262, 43457), (271, 43490), (299, 43556), (311, 43595), (317, 43604), (322, 43631), (343, 43670), (428, 43844), (455, 43895),

Gene: KristaRAM_32 Start: 28344, Stop: 29345, Start Num: 55
Candidate Starts for KristaRAM_32:
(Start: 55 @28344 has 35 MA's), (91, 28419), (Start: 102 @28452 has 1 MA's), (116, 28482), (124, 28503), (Start: 160 @28587 has 1 MA's), (187, 28638), (189, 28653), (220, 28749), (269, 28860), (277, 28881), (294, 28920), (299, 28932), (317, 28980), (322, 29007), (333, 29031), (343, 29046), (392, 29154), (416, 29202), (455, 29271), (470, 29301),

Gene: Kristoff_11 Start: 5884, Stop: 6858, Start Num: 72
Candidate Starts for Kristoff_11:
(Start: 72 @5884 has 61 MA's), (Start: 94 @5938 has 1 MA's), (155, 6091), (220, 6253), (225, 6268), (233, 6289), (269, 6361), (271, 6367), (274, 6376), (304, 6445), (309, 6463), (322, 6508), (330, 6526), (369, 6604), (381, 6631), (386, 6646), (393, 6667), (413, 6706), (440, 6757), (460, 6799), (492, 6850),

Gene: Kronus_46 Start: 42116, Stop: 43180, Start Num: 52
Candidate Starts for Kronus_46:
(Start: 52 @42116 has 53 MA's), (Start: 77 @42179 has 3 MA's), (110, 42260), (138, 42326), (144, 42341), (147, 42353), (161, 42380), (188, 42437), (190, 42446), (242, 42593), (251, 42608), (269, 42662), (282, 42695), (301, 42734), (305, 42746), (331, 42827), (343, 42845), (344, 42848), (369, 42893), (416, 43004), (475, 43115), (486, 43136), (499, 43169),

Gene: Kropertea_26 Start: 25279, Stop: 26301, Start Num: 64
Candidate Starts for Kropertea_26:
(Start: 64 @25279 has 22 MA's), (104, 25390), (106, 25393), (114, 25423), (117, 25429), (122, 25435), (143, 25489), (Start: 166 @25537 has 22 MA's), (Start: 176 @25555 has 165 MA's), (185, 25570), (190, 25600), (200, 25642), (220, 25699), (270, 25813), (274, 25825), (309, 25918), (341, 25999), (369, 26047), (377, 26065), (393, 26110), (402, 26122), (440, 26197), (455, 26224),

Gene: Krueger_31 Start: 25731, Stop: 26474, Start Num: 176
Candidate Starts for Krueger_31:

(56, 25440), (Start: 72 @25482 has 61 MA's), (125, 25629), (133, 25650), (148, 25683), (157, 25704), (Start: 176 @25731 has 165 MA's), (189, 25773), (190, 25779), (200, 25815), (217, 25863), (220, 25872), (233, 25908), (257, 25950), (301, 26058), (350, 26193), (360, 26208), (364, 26220), (373, 26241), (387, 26256), (388, 26259), (402, 26265), (448, 26343), (478, 26424), (490, 26445), (495, 26454),

Gene: Krypton555_28 Start: 26752, Stop: 27795, Start Num: 80
Candidate Starts for Krypton555_28:
(Start: 80 @26752 has 47 MA's), (Start: 83 @26758 has 55 MA's), (Start: 86 @26764 has 14 MA's), (92, 26785), (99, 26806), (115, 26857), (126, 26887), (149, 26938), (Start: 166 @26971 has 22 MA's), (172, 26983), (191, 27043), (218, 27124), (220, 27130), (238, 27175), (267, 27226), (272, 27244), (274, 27250), (277, 27256), (309, 27328), (325, 27385), (353, 27445), (385, 27520), (392, 27541), (410, 27565), (418, 27580), (419, 27586), (455, 27649), (495, 27751), (501, 27772), (502, 27778),

Gene: Kugel_11 Start: 6058, Stop: 7026, Start Num: 71
Candidate Starts for Kugel_11:
(Start: 71 @6058 has 225 MA's), (Start: 87 @6091 has 5 MA's), (92, 6109), (Start: 94 @6112 has 1 MA's), (203, 6379), (220, 6430), (223, 6442), (264, 6517), (284, 6580), (289, 6592), (299, 6613), (304, 6625), (309, 6643), (317, 6661), (321, 6685), (343, 6724), (384, 6805), (392, 6829), (393, 6832), (394, 6835), (402, 6844), (446, 6931), (470, 6976), (490, 7018),

Gene: KyMonks1A_12 Start: 6335, Stop: 7303, Start Num: 71
Candidate Starts for KyMonks1A_12:
(Start: 71 @6335 has 225 MA's), (Start: 87 @6368 has 5 MA's), (92, 6386), (Start: 94 @6389 has 1 MA's), (203, 6656), (220, 6707), (223, 6719), (264, 6794), (284, 6857), (289, 6869), (299, 6890), (304, 6902), (309, 6920), (317, 6938), (321, 6962), (343, 7001), (384, 7082), (392, 7106), (393, 7109), (394, 7112), (402, 7121), (446, 7208), (490, 7295),

Gene: Kyee_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Kyee_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713),

Gene: Kykar_8 Start: 5555, Stop: 6523, Start Num: 71
Candidate Starts for Kykar_8:
(Start: 71 @5555 has 225 MA's), (Start: 87 @5588 has 5 MA's), (92, 5606), (Start: 94 @5609 has 1 MA's), (203, 5876), (210, 5894), (220, 5927), (223, 5939), (264, 6014), (284, 6077), (296, 6101), (309, 6140), (317, 6158), (343, 6221), (384, 6302), (392, 6326), (393, 6329), (394, 6332), (402, 6341), (446, 6428), (470, 6473), (490, 6515),

Gene: L5_12 Start: 5848, Stop: 6612, Start Num: 176
Candidate Starts for L5_12:
(Start: 176 @5848 has 165 MA's), (220, 5992), (270, 6106), (271, 6109), (274, 6118), (309, 6205), (330, 6268), (369, 6346), (381, 6373), (386, 6388), (392, 6406), (393, 6409), (440, 6499), (471, 6568),

Gene: LBerry_12 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for LBerry_12:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: LHTSCC_10 Start: 5858, Stop: 6838, Start Num: 84

Candidate Starts for LHTSCC_10:
(Start: 84 @5858 has 125 MA's), (Start: 94 @5885 has 1 MA's), (Start: 101 @5906 has 1 MA's), (Start: 102 @5909 has 1 MA's), (200, 6158), (220, 6215), (223, 6227), (251, 6278), (265, 6299), (280, 6347), (306, 6404), (363, 6554), (417, 6677), (421, 6689), (456, 6755),

Gene: LRRHood_244 Start: 143240, Stop: 144268, Start Num: 57
Candidate Starts for LRRHood_244:
(Start: 57 @143240 has 189 MA's), (Start: 67 @143270 has 3 MA's), (73, 143282), (91, 143324), (116, 143387), (124, 143408), (Start: 160 @143492 has 1 MA's), (Start: 184 @143534 has 1 MA's), (187, 143546), (189, 143561), (210, 143630), (220, 143657), (244, 143711), (261, 143756), (262, 143759), (288, 143837), (299, 143858), (343, 143969), (386, 144059), (392, 144077), (430, 144149), (448, 144182),

Gene: Labelle_41 Start: 35243, Stop: 36268, Start Num: 55
Candidate Starts for Labelle_41:
(Start: 55 @35243 has 35 MA's), (116, 35378), (147, 35453), (188, 35537), (190, 35546), (194, 35570), (197, 35579), (231, 35672), (269, 35771), (282, 35804), (289, 35819), (299, 35840), (302, 35849), (331, 35936), (343, 35954), (361, 35984), (369, 36002), (383, 36038), (416, 36113), (423, 36125), (425, 36128), (446, 36167), (475, 36224),

Gene: Labradorite_254 Start: 143807, Stop: 144835, Start Num: 57
Candidate Starts for Labradorite_254:
(Start: 57 @143807 has 189 MA's), (Start: 67 @143837 has 3 MA's), (73, 143849), (91, 143891), (116, 143954), (124, 143975), (Start: 160 @144059 has 1 MA's), (Start: 184 @144101 has 1 MA's), (187, 144113), (189, 144128), (210, 144197), (220, 144224), (244, 144278), (261, 144323), (262, 144326), (288, 144404), (299, 144425), (343, 144536), (386, 144626), (392, 144644), (430, 144716), (448, 144749),

Gene: LadyBird_11 Start: 6410, Stop: 7387, Start Num: 72
Candidate Starts for LadyBird_11:
(Start: 72 @6410 has 61 MA's), (Start: 94 @6464 has 1 MA's), (119, 6521), (189, 6653), (196, 6689), (200, 6701), (220, 6758), (233, 6794), (264, 6842), (274, 6881), (305, 6953), (309, 6968), (330, 7031), (348, 7073), (369, 7121), (381, 7148), (386, 7163), (392, 7181), (393, 7184), (440, 7274), (486, 7373),

Gene: Lambert1_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Lambert1_11:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Lamina13_10 Start: 5611, Stop: 6579, Start Num: 71
Candidate Starts for Lamina13_10:
(Start: 71 @5611 has 225 MA's), (Start: 87 @5644 has 5 MA's), (92, 5662), (Start: 94 @5665 has 1 MA's), (203, 5932), (220, 5983), (223, 5995), (264, 6070), (284, 6133), (299, 6166), (304, 6178), (309, 6196), (317, 6214), (343, 6277), (384, 6358), (392, 6382), (393, 6385), (394, 6388), (402, 6397), (446, 6484), (490, 6571),

Gene: Landor_12 Start: 8193, Stop: 9179, Start Num: 82
Candidate Starts for Landor_12:
(Start: 82 @8193 has 12 MA's), (Start: 94 @8223 has 1 MA's), (Start: 96 @8226 has 1 MA's), (Start: 102 @8247 has 1 MA's), (Start: 162 @8382 has 23 MA's), (218, 8547), (220, 8553), (261, 8628), (265, 8637), (306, 8748), (322, 8808), (338, 8844), (363, 8898), (374, 8922), (377, 8928), (391, 8973), (421, 9033), (429, 9042),

Gene: LappelDuVide_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for LappelDuVide_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Larenn_12 Start: 6724, Stop: 7707, Start Num: 83
Candidate Starts for Larenn_12:
(Start: 83 @6724 has 55 MA's), (Start: 94 @6754 has 1 MA's), (Start: 96 @6757 has 1 MA's), (Start: 102 @6778 has 1 MA's), (196, 7015), (200, 7027), (210, 7054), (220, 7084), (223, 7096), (228, 7108), (262, 7162), (279, 7213), (306, 7273), (363, 7420), (391, 7495), (403, 7510), (421, 7555), (456, 7627), (480, 7681),

Gene: LarryKay_12 Start: 6048, Stop: 7013, Start Num: 65
Candidate Starts for LarryKay_12:
(Start: 65 @6048 has 101 MA's), (88, 6093), (Start: 94 @6114 has 1 MA's), (139, 6234), (200, 6372), (220, 6429), (225, 6444), (269, 6525), (274, 6540), (282, 6558), (304, 6609), (309, 6627), (322, 6672), (369, 6768), (393, 6831), (413, 6870), (440, 6921),

Gene: Larva_31 Start: 27026, Stop: 27787, Start Num: 174
Candidate Starts for Larva_31:
(148, 26978), (Start: 174 @27026 has 20 MA's), (Start: 184 @27038 has 1 MA's), (186, 27044), (190, 27071), (200, 27107), (218, 27167), (220, 27173), (231, 27203), (233, 27209), (238, 27218), (257, 27251), (269, 27293), (270, 27296), (274, 27308), (295, 27344), (301, 27359), (311, 27395), (350, 27494), (364, 27521), (373, 27542), (419, 27605), (436, 27629), (448, 27653), (473, 27722), (495, 27767), (498, 27776),

Gene: LastHope_31 Start: 25598, Stop: 26452, Start Num: 176
Candidate Starts for LastHope_31:
(125, 25496), (133, 25517), (148, 25550), (157, 25571), (Start: 176 @25598 has 165 MA's), (Start: 184 @25610 has 1 MA's), (185, 25613), (189, 25637), (190, 25643), (198, 25673), (217, 25733), (220, 25742), (257, 25820), (350, 26063), (360, 26078), (364, 26090), (373, 26111), (381, 26135), (402, 26207), (419, 26273), (444, 26312), (455, 26333), (498, 26441),

Gene: LastJedi_25 Start: 23704, Stop: 24705, Start Num: 63
Candidate Starts for LastJedi_25:
(Start: 63 @23704 has 221 MA's), (Start: 67 @23725 has 3 MA's), (73, 23737), (91, 23779), (116, 23842), (124, 23863), (138, 23893), (Start: 160 @23947 has 1 MA's), (Start: 174 @23971 has 20 MA's), (Start: 184 @23986 has 1 MA's), (187, 23998), (220, 24109), (270, 24223), (277, 24241), (294, 24280), (304, 24304), (317, 24340), (322, 24367), (343, 24406), (369, 24454), (392, 24514), (424, 24574), (455, 24631), (470, 24661),

Gene: Latch_252 Start: 143793, Stop: 144821, Start Num: 57
Candidate Starts for Latch_252:
(Start: 57 @143793 has 189 MA's), (Start: 67 @143823 has 3 MA's), (73, 143835), (91, 143877), (116, 143940), (124, 143961), (Start: 160 @144045 has 1 MA's), (Start: 184 @144087 has 1 MA's), (187, 144099), (189, 144114), (210, 144183), (220, 144210), (244, 144264), (261, 144309), (262, 144312), (288, 144390), (299, 144411), (343, 144522), (386, 144612), (392, 144630), (430, 144702), (448, 144735),

Gene: LaterM_31 Start: 26387, Stop: 27259, Start Num: 176
Candidate Starts for LaterM_31:

(157, 26360), (Start: 176 @26387 has 165 MA's), (Start: 184 @26399 has 1 MA's), (200, 26468), (210, 26495), (217, 26525), (220, 26534), (233, 26570), (238, 26579), (257, 26612), (264, 26630), (301, 26720), (350, 26855), (364, 26882), (373, 26903), (381, 26927), (398, 26978), (419, 27080), (442, 27116), (455, 27140), (495, 27239), (498, 27248),

Gene: Latretium_32 Start: 28306, Stop: 29304, Start Num: 55
Candidate Starts for Latretium_32:
(Start: 55 @28306 has 35 MA's), (91, 28381), (116, 28441), (124, 28462), (Start: 160 @28546 has 1 MA's), (187, 28597), (189, 28612), (220, 28708), (270, 28822), (277, 28840), (294, 28879), (299, 28891), (317, 28939), (322, 28966), (333, 28990), (343, 29005), (392, 29113), (416, 29161), (455, 29230), (470, 29260),

Gene: Lavahound_29 Start: 26544, Stop: 27281, Start Num: 176
Candidate Starts for Lavahound_29:
(125, 26433), (133, 26454), (148, 26493), (157, 26514), (Start: 176 @26544 has 165 MA's), (Start: 184 @26556 has 1 MA's), (190, 26589), (200, 26625), (217, 26673), (220, 26682), (233, 26718), (257, 26760), (301, 26868), (309, 26895), (344, 26982), (350, 27000), (360, 27015), (364, 27027), (373, 27048), (381, 27072), (413, 27084), (416, 27093), (419, 27102), (448, 27150), (495, 27261), (497, 27270),

Gene: LeBron_26 Start: 25573, Stop: 26604, Start Num: 64
Candidate Starts for LeBron_26:
(Start: 64 @25573 has 22 MA's), (122, 25729), (129, 25753), (135, 25765), (143, 25783), (150, 25801), (158, 25819), (Start: 163 @25825 has 3 MA's), (169, 25834), (Start: 176 @25849 has 165 MA's), (185, 25864), (192, 25912), (200, 25936), (220, 25993), (235, 26032), (271, 26110), (274, 26119), (276, 26122), (282, 26137), (302, 26191), (309, 26212), (313, 26227), (356, 26311), (369, 26341), (393, 26410), (402, 26422), (413, 26446), (419, 26464), (424, 26467), (430, 26479), (432, 26482), (448, 26512), (455, 26524),

Gene: LeMond_30 Start: 25694, Stop: 26434, Start Num: 176
Candidate Starts for LeMond_30:
(125, 25592), (133, 25613), (148, 25646), (157, 25667), (Start: 176 @25694 has 165 MA's), (190, 25739), (200, 25775), (220, 25832), (233, 25868), (257, 25910), (301, 26018), (350, 26153), (364, 26180), (381, 26225), (418, 26249), (442, 26291), (454, 26312), (455, 26315), (495, 26414),

Gene: Lea83_32 Start: 27454, Stop: 28242, Start Num: 176
Candidate Starts for Lea83_32:
(47, 27130), (61, 27172), (133, 27376), (148, 27409), (Start: 176 @27454 has 165 MA's), (190, 27499), (200, 27535), (217, 27592), (220, 27601), (233, 27637), (264, 27691), (269, 27715), (323, 27856), (350, 27919), (364, 27961), (373, 27982), (376, 27988), (381, 28006), (416, 28036), (455, 28105), (479, 28177), (495, 28207),

Gene: Lebo14_32 Start: 27643, Stop: 28434, Start Num: 162
Candidate Starts for Lebo14_32:
(Start: 162 @27643 has 23 MA's), (Start: 184 @27676 has 1 MA's), (190, 27709), (196, 27733), (203, 27754), (208, 27763), (214, 27793), (217, 27802), (220, 27811), (233, 27847), (273, 27928), (350, 28135), (364, 28162), (367, 28168), (373, 28183), (379, 28198), (381, 28207), (418, 28231), (448, 28285), (455, 28297), (479, 28369),

Gene: Lee7_257 Start: 146894, Stop: 147922, Start Num: 57
Candidate Starts for Lee7_257:
(Start: 57 @146894 has 189 MA's), (Start: 67 @146924 has 3 MA's), (73, 146936), (91, 146978), (116, 147041), (124, 147062), (Start: 160 @147146 has 1 MA's), (Start: 184 @147188 has 1 MA's), (187,

147200), (189, 147215), (210, 147284), (220, 147311), (244, 147365), (261, 147410), (262, 147413), (288, 147491), (299, 147512), (343, 147623), (386, 147713), (392, 147731), (430, 147803), (448, 147836),

Gene: Lemur_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Lemur_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712),

Gene: LeoAvram_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for LeoAvram_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: Leogania_13 Start: 8570, Stop: 9553, Start Num: 72
Candidate Starts for Leogania_13:
(Start: 72 @8570 has 61 MA's), (92, 8621), (Start: 94 @8624 has 1 MA's), (220, 8948), (225, 8963), (264, 9032), (269, 9056), (274, 9071), (304, 9140), (309, 9158), (369, 9302), (393, 9365), (413, 9404), (426, 9428), (436, 9446),

Gene: Leopard_46 Start: 36660, Stop: 37541, Start Num: 163
Candidate Starts for Leopard_46:
(Start: 163 @36660 has 3 MA's), (193, 36756), (195, 36762), (220, 36846), (222, 36858), (262, 36960), (290, 37038), (298, 37059), (336, 37182), (350, 37221), (366, 37266), (392, 37335), (435, 37386), (438, 37395), (443, 37404), (451, 37419), (464, 37464), (479, 37500),

Gene: Leperchaun_31 Start: 27593, Stop: 28594, Start Num: 63
Candidate Starts for Leperchaun_31:
(Start: 63 @27593 has 221 MA's), (Start: 67 @27614 has 3 MA's), (73, 27626), (91, 27668), (116, 27731), (124, 27752), (138, 27782), (Start: 160 @27836 has 1 MA's), (Start: 174 @27860 has 20 MA's), (187, 27887), (220, 27998), (270, 28112), (277, 28130), (294, 28169), (304, 28193), (317, 28229), (322, 28256), (343, 28295), (392, 28403), (416, 28451), (424, 28463), (446, 28505), (448, 28508), (455, 28520), (470, 28550),

Gene: Lesedi_9 Start: 5770, Stop: 6738, Start Num: 71
Candidate Starts for Lesedi_9:
(Start: 71 @5770 has 225 MA's), (Start: 87 @5803 has 5 MA's), (Start: 94 @5824 has 1 MA's), (Start: 184 @6013 has 1 MA's), (203, 6091), (220, 6142), (223, 6154), (264, 6229), (284, 6292), (289, 6304), (299, 6325), (304, 6337), (309, 6355), (317, 6373), (321, 6397), (343, 6436), (384, 6517), (392, 6541), (393, 6544), (394, 6547), (402, 6556), (446, 6643), (490, 6730),

Gene: Leston_30 Start: 27176, Stop: 28048, Start Num: 176
Candidate Starts for Leston_30:
(Start: 176 @27176 has 165 MA's), (Start: 184 @27188 has 1 MA's), (186, 27194), (190, 27221), (198, 27251), (200, 27257), (217, 27311), (220, 27320), (223, 27332), (238, 27365), (257, 27398), (271, 27446), (304, 27515), (364, 27668), (371, 27686), (373, 27689), (393, 27749), (398, 27767), (402, 27794), (419, 27866), (442, 27902), (444, 27905), (455, 27926), (473, 27983), (490, 28019), (495, 28028), (498, 28037),

Gene: LestyG_47 Start: 41537, Stop: 42601, Start Num: 52
Candidate Starts for LestyG_47:

(Start: 52 @41537 has 53 MA's), (Start: 77 @41600 has 3 MA's), (110, 41681), (138, 41747), (144, 41762), (147, 41774), (161, 41801), (188, 41858), (190, 41867), (242, 42014), (251, 42029), (269, 42083), (282, 42116), (301, 42155), (305, 42167), (331, 42248), (343, 42266), (344, 42269), (416, 42425), (475, 42536), (486, 42557), (499, 42590),

Gene: Lethe_250 Start: 145615, Stop: 146643, Start Num: 57
Candidate Starts for Lethe_250:
(Start: 57 @145615 has 189 MA's), (Start: 67 @145645 has 3 MA's), (73, 145657), (91, 145699), (116, 145762), (124, 145783), (Start: 160 @145867 has 1 MA's), (Start: 184 @145909 has 1 MA's), (187, 145921), (189, 145936), (210, 146005), (220, 146032), (244, 146086), (261, 146131), (262, 146134), (288, 146212), (299, 146233), (343, 146344), (386, 146434), (392, 146452), (430, 146524), (448, 146557),

Gene: Lev2_8 Start: 5172, Stop: 5981, Start Num: 181
Candidate Starts for Lev2_8:
(Start: 181 @5172 has 57 MA's), (194, 5235), (197, 5244), (203, 5265), (213, 5301), (230, 5349), (256, 5406), (261, 5430), (343, 5661), (362, 5718), (495, 5967),

Gene: Levia_9 Start: 5489, Stop: 6457, Start Num: 71
Candidate Starts for Levia_9:
(Start: 71 @5489 has 225 MA's), (Start: 87 @5522 has 5 MA's), (92, 5540), (Start: 94 @5543 has 1 MA's), (203, 5810), (210, 5828), (220, 5861), (223, 5873), (264, 5948), (284, 6011), (296, 6035), (309, 6074), (317, 6092), (343, 6155), (384, 6236), (392, 6260), (393, 6263), (394, 6266), (402, 6275), (470, 6407), (490, 6449),

Gene: Leviathan_13 Start: 6865, Stop: 7857, Start Num: 83
Candidate Starts for Leviathan_13:
(Start: 83 @6865 has 55 MA's), (Start: 101 @6916 has 1 MA's), (Start: 102 @6919 has 1 MA's), (179, 7087), (Start: 184 @7093 has 1 MA's), (189, 7120), (205, 7180), (220, 7225), (264, 7312), (278, 7357), (294, 7396), (310, 7444), (338, 7525), (358, 7567), (393, 7654), (448, 7768),

Gene: Lewan_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Lewan_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (144, 26477), (156, 26507), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (244, 26732), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Licorice_12 Start: 6660, Stop: 7595, Start Num: 87
Candidate Starts for Licorice_12:
(Start: 71 @6627 has 225 MA's), (Start: 87 @6660 has 5 MA's), (92, 6678), (Start: 94 @6681 has 1 MA's), (203, 6948), (220, 6999), (223, 7011), (264, 7086), (284, 7149), (289, 7161), (299, 7182), (304, 7194), (309, 7212), (317, 7230), (343, 7293), (384, 7374), (392, 7398), (393, 7401), (394, 7404), (402, 7413), (446, 7500), (470, 7545), (490, 7587),

Gene: LifeSavor_253 Start: 145021, Stop: 146049, Start Num: 57
Candidate Starts for LifeSavor_253:
(Start: 57 @145021 has 189 MA's), (Start: 67 @145051 has 3 MA's), (73, 145063), (91, 145105), (116, 145168), (124, 145189), (Start: 160 @145273 has 1 MA's), (Start: 184 @145315 has 1 MA's), (187, 145327), (189, 145342), (210, 145411), (220, 145438), (244, 145492), (261, 145537), (262, 145540), (288, 145618), (299, 145639), (343, 145750), (386, 145840), (392, 145858), (430, 145930), (448, 145963),

Gene: LilBib_11 Start: 6570, Stop: 7538, Start Num: 71
Candidate Starts for LilBib_11:
(Start: 71 @6570 has 225 MA's), (Start: 87 @6603 has 5 MA's), (92, 6621), (Start: 94 @6624 has 1 MA's), (203, 6891), (220, 6942), (223, 6954), (264, 7029), (284, 7092), (299, 7125), (304, 7137), (309, 7155), (317, 7173), (321, 7197), (343, 7236), (384, 7317), (392, 7341), (393, 7344), (394, 7347), (402, 7356), (446, 7443), (490, 7530),

Gene: LilDestine_28 Start: 26302, Stop: 27273, Start Num: 80
Candidate Starts for LilDestine_28:
(Start: 80 @26302 has 47 MA's), (99, 26356), (144, 26476), (156, 26506), (167, 26521), (Start: 184 @26554 has 1 MA's), (185, 26557), (187, 26566), (190, 26587), (210, 26650), (220, 26677), (228, 26701), (270, 26782), (274, 26794), (305, 26857), (309, 26872), (321, 26932), (327, 26947), (364, 27028), (373, 27046), (375, 27049), (376, 27052), (424, 27103), (448, 27148), (465, 27190), (485, 27232),

Gene: LilDirt_29 Start: 26988, Stop: 27749, Start Num: 174
Candidate Starts for LilDirt_29:
(148, 26940), (Start: 174 @26988 has 20 MA's), (Start: 184 @27000 has 1 MA's), (185, 27003), (186, 27006), (190, 27033), (200, 27069), (218, 27129), (220, 27135), (231, 27165), (233, 27171), (238, 27180), (257, 27213), (269, 27255), (270, 27258), (274, 27270), (289, 27297), (295, 27306), (301, 27321), (311, 27357), (350, 27456), (364, 27483), (373, 27504), (419, 27567), (436, 27591), (448, 27615), (473, 27684), (495, 27729), (498, 27738),

Gene: LilMcDreamy_46 Start: 42132, Stop: 43154, Start Num: 83
Candidate Starts for LilMcDreamy_46:
(Start: 83 @42132 has 55 MA's), (Start: 94 @42162 has 1 MA's), (Start: 101 @42183 has 1 MA's), (Start: 102 @42186 has 1 MA's), (134, 42273), (173, 42342), (218, 42486), (220, 42492), (251, 42555), (261, 42567), (264, 42573), (265, 42576), (286, 42642), (291, 42666), (306, 42702), (317, 42732), (322, 42762), (335, 42789), (337, 42792), (363, 42852), (372, 42873), (385, 42909), (391, 42927), (393, 42933), (421, 42993), (463, 43080), (487, 43125), (496, 43143),

Gene: LilMoolah_31 Start: 27797, Stop: 28798, Start Num: 63
Candidate Starts for LilMoolah_31:
(Start: 63 @27797 has 221 MA's), (Start: 67 @27818 has 3 MA's), (73, 27830), (91, 27872), (116, 27935), (124, 27956), (138, 27986), (Start: 160 @28040 has 1 MA's), (Start: 174 @28064 has 20 MA's), (Start: 184 @28079 has 1 MA's), (187, 28091), (220, 28202), (270, 28316), (277, 28334), (294, 28373), (304, 28397), (317, 28433), (322, 28460), (343, 28499), (369, 28547), (392, 28607), (424, 28667), (455, 28724), (470, 28754),

Gene: LilPharaoh_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for LilPharaoh_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: LilSpotty_32 Start: 24959, Stop: 26029, Start Num: 63
Candidate Starts for LilSpotty_32:
(Start: 63 @24959 has 221 MA's), (147, 25175), (Start: 181 @25229 has 57 MA's), (190, 25271), (203, 25322), (242, 25436), (255, 25469), (276, 25544), (284, 25565), (289, 25577), (331, 25694), (369, 25766), (416, 25874), (455, 25943), (488, 26009),

Gene: LilTurb_13 Start: 6892, Stop: 7884, Start Num: 83
Candidate Starts for LilTurb_13:
(Start: 83 @6892 has 55 MA's), (Start: 96 @6925 has 1 MA's), (Start: 101 @6943 has 1 MA's), (Start: 102 @6946 has 1 MA's), (179, 7114), (Start: 184 @7120 has 1 MA's), (189, 7147), (205, 7207), (220, 7252), (264, 7339), (278, 7384), (294, 7423), (310, 7471), (318, 7486), (338, 7552), (358, 7594), (393, 7681), (448, 7795),

Gene: LilhomieP_37 Start: 31794, Stop: 32765, Start Num: 85
Candidate Starts for LilhomieP_37:
(Start: 85 @31794 has 15 MA's), (Start: 94 @31818 has 1 MA's), (98, 31833), (152, 31971), (Start: 171 @31998 has 1 MA's), (179, 32016), (185, 32028), (187, 32037), (196, 32082), (200, 32094), (210, 32121), (220, 32148), (223, 32160), (244, 32205), (262, 32232), (270, 32262), (273, 32271), (274, 32274), (313, 32361), (320, 32376), (384, 32529), (385, 32532), (410, 32592), (416, 32604), (419, 32613), (442, 32649), (450, 32664), (466, 32703), (482, 32736),

Gene: Lilith_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for Lilith_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: LinStu_249 Start: 143122, Stop: 144150, Start Num: 57
Candidate Starts for LinStu_249:
(Start: 57 @143122 has 189 MA's), (Start: 67 @143152 has 3 MA's), (91, 143206), (116, 143269), (124, 143290), (Start: 160 @143374 has 1 MA's), (Start: 184 @143416 has 1 MA's), (187, 143428), (189, 143443), (210, 143512), (220, 143539), (244, 143593), (261, 143638), (262, 143641), (288, 143719), (299, 143740), (343, 143851), (386, 143941), (392, 143959), (430, 144031), (448, 144064),

Gene: LindNT_31 Start: 26427, Stop: 27299, Start Num: 176
Candidate Starts for LindNT_31:
(157, 26400), (Start: 176 @26427 has 165 MA's), (Start: 184 @26439 has 1 MA's), (200, 26508), (210, 26535), (217, 26565), (220, 26574), (233, 26610), (238, 26619), (257, 26652), (264, 26670), (301, 26760), (350, 26895), (364, 26922), (373, 26943), (381, 26967), (398, 27018), (419, 27120), (442, 27156), (455, 27180), (495, 27279), (498, 27288),

Gene: LionsBait_12 Start: 8187, Stop: 9164, Start Num: 72
Candidate Starts for LionsBait_12:
(Start: 72 @8187 has 61 MA's), (Start: 94 @8241 has 1 MA's), (189, 8430), (200, 8478), (220, 8535), (233, 8571), (264, 8619), (274, 8658), (305, 8730), (309, 8745), (330, 8808), (348, 8850), (369, 8898), (381, 8925), (386, 8940), (392, 8958), (393, 8961), (410, 8997), (440, 9051),

Gene: LittleB_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for LittleB_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: LittleCherry_8 Start: 5356, Stop: 6165, Start Num: 181
Candidate Starts for LittleCherry_8:
(Start: 181 @5356 has 57 MA's), (194, 5419), (197, 5428), (213, 5485), (230, 5533), (261, 5614), (322, 5803), (343, 5845), (362, 5902), (380, 5944), (495, 6151),

Gene: LittleE_53 Start: 42373, Stop: 43245, Start Num: 154
Candidate Starts for LittleE_53:
(Start: 154 @42373 has 32 MA's), (Start: 171 @42400 has 1 MA's), (207, 42529), (220, 42574), (227, 42595), (241, 42616), (261, 42670), (290, 42751), (391, 43030), (392, 43033), (438, 43093), (445, 43108), (453, 43120), (459, 43141),

Gene: LittleGuy_10 Start: 5821, Stop: 6804, Start Num: 83
Candidate Starts for LittleGuy_10:
(Start: 83 @5821 has 55 MA's), (Start: 101 @5872 has 1 MA's), (Start: 102 @5875 has 1 MA's), (Start: 162 @6010 has 23 MA's), (175, 6034), (200, 6124), (220, 6181), (251, 6244), (265, 6265), (269, 6286), (280, 6313), (306, 6370), (363, 6520), (417, 6643), (421, 6655), (476, 6766),

Gene: LittleMinkey_54 Start: 41874, Stop: 42884, Start Num: 84
Candidate Starts for LittleMinkey_54:
(Start: 84 @41874 has 125 MA's), (Start: 94 @41901 has 1 MA's), (Start: 102 @41925 has 1 MA's), (218, 42240), (220, 42246), (233, 42282), (251, 42309), (306, 42441), (322, 42501), (363, 42591), (374, 42615), (377, 42621), (388, 42657), (392, 42669), (429, 42735), (487, 42858),

Gene: LittleShirley_34 Start: 29159, Stop: 30160, Start Num: 63
Candidate Starts for LittleShirley_34:
(Start: 63 @29159 has 221 MA's), (91, 29234), (Start: 102 @29267 has 1 MA's), (116, 29297), (124, 29318), (Start: 160 @29402 has 1 MA's), (Start: 174 @29426 has 20 MA's), (Start: 184 @29441 has 1 MA's), (187, 29453), (220, 29564), (270, 29678), (277, 29696), (294, 29735), (304, 29759), (317, 29795), (322, 29822), (343, 29861), (369, 29909), (392, 29969), (424, 30029), (446, 30071), (448, 30074), (455, 30086), (470, 30116),

Gene: Littleton_256 Start: 145030, Stop: 146058, Start Num: 57
Candidate Starts for Littleton_256:
(Start: 57 @145030 has 189 MA's), (Start: 67 @145060 has 3 MA's), (73, 145072), (91, 145114), (116, 145177), (124, 145198), (Start: 160 @145282 has 1 MA's), (Start: 184 @145324 has 1 MA's), (187, 145336), (189, 145351), (210, 145420), (220, 145447), (244, 145501), (261, 145546), (262, 145549), (288, 145627), (299, 145648), (343, 145759), (386, 145849), (392, 145867), (430, 145939), (448, 145972),

Gene: LiyuLake_28 Start: 26813, Stop: 27856, Start Num: 80
Candidate Starts for LiyuLake_28:
(Start: 80 @26813 has 47 MA's), (Start: 83 @26819 has 55 MA's), (92, 26846), (99, 26867), (115, 26918), (149, 26999), (191, 27104), (218, 27185), (220, 27191), (237, 27233), (267, 27287), (272, 27305), (274, 27311), (277, 27317), (309, 27389), (325, 27446), (353, 27506), (385, 27581), (410, 27626), (418, 27641), (419, 27647), (455, 27710), (495, 27812), (501, 27833), (502, 27839),

Gene: Lizziana_31 Start: 27672, Stop: 28673, Start Num: 63
Candidate Starts for Lizziana_31:
(Start: 63 @27672 has 221 MA's), (Start: 67 @27693 has 3 MA's), (73, 27705), (91, 27747), (116, 27810), (124, 27831), (138, 27861), (Start: 160 @27915 has 1 MA's), (Start: 174 @27939 has 20 MA's), (Start: 184 @27954 has 1 MA's), (187, 27966), (220, 28077), (270, 28191), (277, 28209), (294, 28248), (304, 28272), (317, 28308), (322, 28335), (343, 28374), (369, 28422), (392, 28482), (424, 28542), (455, 28599), (470, 28629),

Gene: Llama_31 Start: 27727, Stop: 28728, Start Num: 63
Candidate Starts for Llama_31:
(1, 27106), (3, 27184), (7, 27247), (15, 27286), (21, 27418), (24, 27439), (28, 27475), (37, 27628), (Start: 63 @27727 has 221 MA's), (Start: 67 @27748 has 3 MA's), (73, 27760), (91, 27802), (Start: 102

@27835 has 1 MA's), (116, 27865), (124, 27886), (Start: 160 @27970 has 1 MA's), (Start: 174 @27994 has 20 MA's), (Start: 184 @28009 has 1 MA's), (187, 28021), (220, 28132), (270, 28246), (277, 28264), (294, 28303), (304, 28327), (317, 28363), (322, 28390), (343, 28429), (392, 28537), (416, 28585), (424, 28597), (446, 28639), (448, 28642), (455, 28654), (470, 28684),

Gene: Llij_31 Start: 27499, Stop: 28500, Start Num: 63
Candidate Starts for Llij_31:
(28, 27247), (37, 27400), (Start: 63 @27499 has 221 MA's), (Start: 67 @27520 has 3 MA's), (73, 27532), (91, 27574), (116, 27637), (124, 27658), (138, 27688), (Start: 160 @27742 has 1 MA's), (Start: 174 @27766 has 20 MA's), (187, 27793), (220, 27904), (270, 28018), (277, 28036), (294, 28075), (304, 28099), (317, 28135), (322, 28162), (343, 28201), (369, 28249), (392, 28309), (424, 28369), (455, 28426), (470, 28456),

Gene: Llorens_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Llorens_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Loadrie_28 Start: 26335, Stop: 27306, Start Num: 80
Candidate Starts for Loadrie_28:
(Start: 80 @26335 has 47 MA's), (99, 26389), (144, 26509), (156, 26539), (Start: 163 @26548 has 3 MA's), (167, 26554), (Start: 184 @26587 has 1 MA's), (185, 26590), (187, 26599), (190, 26620), (210, 26683), (220, 26710), (228, 26734), (270, 26815), (274, 26827), (305, 26890), (309, 26905), (321, 26965), (327, 26980), (364, 27061), (373, 27079), (375, 27082), (376, 27085), (424, 27136), (448, 27181), (465, 27223), (485, 27265),

Gene: Loanshark_249 Start: 144380, Stop: 145408, Start Num: 57
Candidate Starts for Loanshark_249:
(Start: 57 @144380 has 189 MA's), (Start: 67 @144410 has 3 MA's), (73, 144422), (91, 144464), (116, 144527), (124, 144548), (Start: 160 @144632 has 1 MA's), (Start: 184 @144674 has 1 MA's), (187, 144686), (189, 144701), (210, 144770), (220, 144797), (244, 144851), (261, 144896), (262, 144899), (288, 144977), (299, 144998), (343, 145109), (386, 145199), (392, 145217), (430, 145289), (448, 145322),

Gene: LochMonster_10 Start: 5856, Stop: 6836, Start Num: 84
Candidate Starts for LochMonster_10:
(Start: 84 @5856 has 125 MA's), (Start: 94 @5883 has 1 MA's), (Start: 101 @5904 has 1 MA's), (Start: 102 @5907 has 1 MA's), (200, 6156), (220, 6213), (223, 6225), (251, 6276), (265, 6297), (280, 6345), (294, 6372), (306, 6402), (363, 6552), (417, 6675), (421, 6687), (456, 6753),

Gene: Lockley_10 Start: 5949, Stop: 6917, Start Num: 71
Candidate Starts for Lockley_10:
(Start: 71 @5949 has 225 MA's), (Start: 87 @5982 has 5 MA's), (92, 6000), (Start: 94 @6003 has 1 MA's), (203, 6270), (220, 6321), (223, 6333), (264, 6408), (284, 6471), (289, 6483), (299, 6504), (304, 6516), (309, 6534), (317, 6552), (321, 6576), (343, 6615), (384, 6696), (392, 6720), (393, 6723), (394, 6726), (402, 6735), (446, 6822), (490, 6909),

Gene: Lokk_14 Start: 8131, Stop: 9117, Start Num: 83
Candidate Starts for Lokk_14:
(Start: 83 @8131 has 55 MA's), (Start: 94 @8161 has 1 MA's), (Start: 101 @8182 has 1 MA's), (Start: 102 @8185 has 1 MA's), (112, 8218), (200, 8434), (218, 8485), (220, 8491), (223, 8503), (232, 8524),

(280, 8614), (306, 8680), (363, 8830), (372, 8851), (421, 8965), (456, 9037),

Gene: Lokum_31 Start: 26495, Stop: 27367, Start Num: 176
Candidate Starts for Lokum_31:
(44, 26165), (125, 26393), (157, 26468), (Start: 176 @26495 has 165 MA's), (Start: 184 @26507 has 1 MA's), (200, 26576), (210, 26603), (217, 26633), (220, 26642), (233, 26678), (238, 26687), (257, 26720), (264, 26738), (271, 26768), (301, 26828), (350, 26963), (364, 26990), (373, 27011), (381, 27035), (398, 27086), (419, 27188), (442, 27224), (455, 27248), (495, 27347), (498, 27356),

Gene: LolaVinca_248 Start: 144633, Stop: 145661, Start Num: 57
Candidate Starts for LolaVinca_248:
(Start: 57 @144633 has 189 MA's), (Start: 67 @144663 has 3 MA's), (73, 144675), (91, 144717), (116, 144780), (124, 144801), (Start: 160 @144885 has 1 MA's), (Start: 184 @144927 has 1 MA's), (187, 144939), (189, 144954), (210, 145023), (220, 145050), (244, 145104), (261, 145149), (262, 145152), (288, 145230), (299, 145251), (343, 145362), (386, 145452), (392, 145470), (430, 145542), (448, 145575),

Gene: Lolly9_28 Start: 26618, Stop: 27661, Start Num: 80
Candidate Starts for Lolly9_28:
(Start: 80 @26618 has 47 MA's), (Start: 83 @26624 has 55 MA's), (92, 26651), (99, 26672), (115, 26723), (126, 26753), (149, 26804), (191, 26909), (218, 26990), (220, 26996), (237, 27038), (267, 27092), (272, 27110), (274, 27116), (277, 27122), (309, 27194), (325, 27251), (353, 27311), (385, 27386), (392, 27407), (410, 27431), (418, 27446), (419, 27452), (455, 27515), (495, 27617), (501, 27638), (502, 27644),

Gene: LookingGlass_250 Start: 144538, Stop: 145566, Start Num: 57
Candidate Starts for LookingGlass_250:
(Start: 57 @144538 has 189 MA's), (Start: 67 @144568 has 3 MA's), (73, 144580), (91, 144622), (116, 144685), (124, 144706), (Start: 160 @144790 has 1 MA's), (Start: 184 @144832 has 1 MA's), (187, 144844), (189, 144859), (210, 144928), (220, 144955), (244, 145009), (261, 145054), (262, 145057), (288, 145135), (299, 145156), (343, 145267), (386, 145357), (392, 145375), (430, 145447), (448, 145480),

Gene: Lopton_11 Start: 6354, Stop: 7322, Start Num: 71
Candidate Starts for Lopton_11:
(Start: 71 @6354 has 225 MA's), (Start: 87 @6387 has 5 MA's), (92, 6405), (Start: 94 @6408 has 1 MA's), (203, 6675), (220, 6726), (223, 6738), (264, 6813), (284, 6876), (289, 6888), (299, 6909), (304, 6921), (309, 6939), (317, 6957), (321, 6981), (343, 7020), (384, 7101), (392, 7125), (393, 7128), (394, 7131), (402, 7140), (446, 7227), (490, 7314),

Gene: LordLeafolot_253 Start: 144246, Stop: 145274, Start Num: 57
Candidate Starts for LordLeafolot_253:
(Start: 57 @144246 has 189 MA's), (Start: 67 @144276 has 3 MA's), (73, 144288), (91, 144330), (116, 144393), (124, 144414), (Start: 160 @144498 has 1 MA's), (Start: 184 @144540 has 1 MA's), (187, 144552), (189, 144567), (210, 144636), (220, 144663), (244, 144717), (261, 144762), (262, 144765), (288, 144843), (299, 144864), (343, 144975), (386, 145065), (392, 145083), (430, 145155), (448, 145188),

Gene: LordVader_26 Start: 22702, Stop: 23688, Start Num: 68
Candidate Starts for LordVader_26:
(66, 22699), (Start: 68 @22702 has 1 MA's), (128, 22870), (164, 22942), (Start: 181 @22963 has 57 MA's), (190, 23005), (203, 23056), (208, 23065), (253, 23149), (304, 23284), (313, 23317), (329, 23365), (353, 23392), (436, 23566), (440, 23575), (460, 23617), (471, 23632), (488, 23662),

Gene: Lorde_33 Start: 27654, Stop: 28724, Start Num: 63
Candidate Starts for Lorde_33:
(43, 27600), (Start: 63 @27654 has 221 MA's), (147, 27870), (149, 27873), (Start: 181 @27924 has 57 MA's), (190, 27966), (203, 28017), (242, 28131), (255, 28164), (276, 28239), (284, 28260), (331, 28389), (369, 28461), (410, 28557), (416, 28569), (455, 28638), (483, 28695), (488, 28704),

Gene: Lorenzo_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Lorenzo_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Loser_14 Start: 8241, Stop: 9218, Start Num: 72
Candidate Starts for Loser_14:
(Start: 72 @8241 has 61 MA's), (Start: 94 @8295 has 1 MA's), (189, 8484), (196, 8520), (200, 8532), (220, 8589), (233, 8625), (264, 8673), (274, 8712), (304, 8781), (309, 8799), (322, 8844), (330, 8862), (348, 8904), (369, 8952), (381, 8979), (386, 8994), (393, 9015), (410, 9051), (413, 9054), (436, 9096), (440, 9105), (456, 9138),

Gene: Louie6_12 Start: 6049, Stop: 7014, Start Num: 65
Candidate Starts for Louie6_12:
(Start: 65 @6049 has 101 MA's), (88, 6094), (Start: 94 @6115 has 1 MA's), (139, 6235), (200, 6373), (220, 6430), (225, 6445), (269, 6526), (274, 6541), (282, 6559), (304, 6610), (309, 6628), (322, 6673), (369, 6769), (393, 6832), (413, 6871), (440, 6922),

Gene: Lowa_12 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for Lowa_12:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: Luchador_11 Start: 6567, Stop: 7526, Start Num: 96
Candidate Starts for Luchador_11:
(Start: 83 @6534 has 55 MA's), (Start: 96 @6567 has 1 MA's), (Start: 101 @6585 has 1 MA's), (Start: 102 @6588 has 1 MA's), (Start: 162 @6723 has 23 MA's), (Start: 184 @6762 has 1 MA's), (189, 6789), (205, 6849), (220, 6894), (264, 6981), (278, 7026), (281, 7035), (294, 7065), (310, 7113), (338, 7194), (358, 7236), (393, 7323), (440, 7422), (448, 7437), (481, 7512),

Gene: Lucia_32 Start: 27630, Stop: 28631, Start Num: 63
Candidate Starts for Lucia_32:
(Start: 63 @27630 has 221 MA's), (91, 27705), (Start: 102 @27738 has 1 MA's), (116, 27768), (124, 27789), (138, 27819), (142, 27831), (Start: 160 @27873 has 1 MA's), (Start: 174 @27897 has 20 MA's), (Start: 184 @27912 has 1 MA's), (187, 27924), (220, 28035), (270, 28149), (277, 28167), (294, 28206), (304, 28230), (317, 28266), (322, 28293), (343, 28332), (392, 28440), (416, 28488), (424, 28500), (446, 28542), (448, 28545), (455, 28557), (470, 28587),

Gene: LugYA_14 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for LugYA_14:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Lukilu_241 Start: 145249, Stop: 146277, Start Num: 57
Candidate Starts for Lukilu_241:
(Start: 57 @145249 has 189 MA's), (Start: 67 @145279 has 3 MA's), (73, 145291), (91, 145333), (116, 145396), (124, 145417), (Start: 160 @145501 has 1 MA's), (Start: 184 @145543 has 1 MA's), (187, 145555), (189, 145570), (210, 145639), (220, 145666), (244, 145720), (261, 145765), (262, 145768), (288, 145846), (299, 145867), (343, 145978), (386, 146068), (392, 146086), (430, 146158), (448, 146191),

Gene: Lumos_28 Start: 26847, Stop: 27890, Start Num: 80
Candidate Starts for Lumos_28:
(Start: 80 @26847 has 47 MA's), (Start: 83 @26853 has 55 MA's), (92, 26880), (99, 26901), (115, 26952), (149, 27033), (191, 27138), (218, 27219), (220, 27225), (267, 27321), (272, 27339), (274, 27345), (277, 27351), (309, 27423), (325, 27480), (353, 27540), (385, 27615), (392, 27636), (410, 27660), (418, 27675), (426, 27687), (455, 27744), (495, 27846), (501, 27867),

Gene: LunaStella_33 Start: 28121, Stop: 29197, Start Num: 63
Candidate Starts for LunaStella_33:
(Start: 63 @28121 has 221 MA's), (Start: 70 @28148 has 1 MA's), (89, 28178), (90, 28184), (116, 28259), (123, 28271), (127, 28289), (151, 28346), (188, 28424), (190, 28433), (203, 28484), (216, 28526), (222, 28550), (224, 28559), (242, 28601), (255, 28634), (269, 28691), (270, 28694), (276, 28709), (281, 28721), (289, 28742), (296, 28754), (305, 28778), (331, 28859), (342, 28883), (369, 28934), (404, 29012), (416, 29042), (418, 29045), (444, 29090), (455, 29111), (488, 29177),

Gene: Lunahalos_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Lunahalos_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: LunarLander_10 Start: 5737, Stop: 6705, Start Num: 71
Candidate Starts for LunarLander_10:
(Start: 71 @5737 has 225 MA's), (Start: 87 @5770 has 5 MA's), (92, 5788), (Start: 94 @5791 has 1 MA's), (203, 6058), (220, 6109), (223, 6121), (264, 6196), (284, 6259), (289, 6271), (299, 6292), (304, 6304), (309, 6322), (317, 6340), (321, 6364), (343, 6403), (384, 6484), (392, 6508), (393, 6511), (394, 6514), (402, 6523), (446, 6610), (490, 6697),

Gene: Lunareta_249 Start: 144947, Stop: 145981, Start Num: 57
Candidate Starts for Lunareta_249:
(Start: 57 @144947 has 189 MA's), (Start: 67 @144977 has 3 MA's), (91, 145031), (116, 145094), (124, 145115), (Start: 160 @145199 has 1 MA's), (Start: 184 @145241 has 1 MA's), (187, 145253), (189, 145268), (210, 145337), (220, 145364), (244, 145418), (261, 145463), (262, 145466), (288, 145544), (299, 145565), (343, 145676), (386, 145766), (392, 145784), (430, 145856), (448, 145889), (493, 145976),

Gene: Lunsford_11 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Lunsford_11:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712),

Gene: Lynnae_28 Start: 26291, Stop: 27262, Start Num: 80

Candidate Starts for Lynnae_28:
(Start: 80 @26291 has 47 MA's), (99, 26345), (144, 26465), (156, 26495), (167, 26510), (Start: 184 @26543 has 1 MA's), (185, 26546), (187, 26555), (190, 26576), (210, 26639), (220, 26666), (228, 26690), (244, 26720), (270, 26771), (274, 26783), (305, 26846), (309, 26861), (321, 26921), (327, 26936), (364, 27017), (373, 27035), (375, 27038), (376, 27041), (424, 27092), (448, 27137), (465, 27179), (485, 27221),

Gene: MA5_10 Start: 5337, Stop: 6077, Start Num: 166
Candidate Starts for MA5_10:
(75, 5151), (100, 5220), (Start: 166 @5337 has 22 MA's), (200, 5424), (220, 5481), (223, 5493), (225, 5496), (235, 5520), (249, 5535), (269, 5583), (271, 5589), (282, 5616), (309, 5685), (334, 5757), (357, 5799), (369, 5826), (381, 5853), (392, 5886), (393, 5889), (413, 5928), (492, 6069),

Gene: MAckerman_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for MAckerman_26:
(Start: 64 @25547 has 22 MA's), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (Start: 176 @25823 has 165 MA's), (185, 25838), (192, 25886), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420), (419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: MK4_10 Start: 5610, Stop: 6350, Start Num: 166
Candidate Starts for MK4_10:
(Start: 166 @5610 has 22 MA's), (200, 5697), (220, 5754), (223, 5766), (225, 5769), (235, 5793), (249, 5808), (269, 5856), (271, 5862), (282, 5889), (309, 5958), (334, 6030), (357, 6072), (369, 6099), (381, 6126), (392, 6159), (393, 6162), (413, 6201), (442, 6255), (492, 6342),

Gene: MPlant7149_9 Start: 5587, Stop: 6555, Start Num: 71
Candidate Starts for MPlant7149_9:
(Start: 71 @5587 has 225 MA's), (Start: 87 @5620 has 5 MA's), (92, 5638), (Start: 94 @5641 has 1 MA's), (203, 5908), (220, 5959), (223, 5971), (264, 6046), (284, 6109), (289, 6121), (299, 6142), (304, 6154), (309, 6172), (317, 6190), (321, 6214), (343, 6253), (384, 6334), (392, 6358), (393, 6361), (394, 6364), (402, 6373), (446, 6460), (490, 6547),

Gene: Maby2021_253 Start: 145933, Stop: 146961, Start Num: 57
Candidate Starts for Maby2021_253:
(Start: 57 @145933 has 189 MA's), (Start: 67 @145963 has 3 MA's), (73, 145975), (91, 146017), (116, 146080), (124, 146101), (Start: 160 @146185 has 1 MA's), (Start: 184 @146227 has 1 MA's), (187, 146239), (189, 146254), (210, 146323), (220, 146350), (244, 146404), (261, 146449), (262, 146452), (288, 146530), (299, 146551), (343, 146662), (386, 146752), (392, 146770), (430, 146842), (448, 146875),

Gene: MacKat_31 Start: 26471, Stop: 27343, Start Num: 176
Candidate Starts for MacKat_31:
(157, 26444), (Start: 176 @26471 has 165 MA's), (Start: 184 @26483 has 1 MA's), (200, 26552), (210, 26579), (217, 26609), (220, 26618), (233, 26654), (238, 26663), (257, 26696), (264, 26714), (271, 26744), (300, 26801), (301, 26804), (350, 26939), (364, 26966), (373, 26987), (381, 27011), (398, 27062), (419, 27164), (442, 27200), (455, 27224), (495, 27323), (498, 27332),

Gene: MacnCheese_32 Start: 27431, Stop: 28219, Start Num: 176
Candidate Starts for MacnCheese_32:

(157, 27407), (Start: 176 @27431 has 165 MA's), (190, 27476), (200, 27512), (217, 27569), (220, 27578), (233, 27614), (264, 27668), (269, 27692), (323, 27833), (350, 27896), (364, 27938), (373, 27959), (376, 27965), (381, 27983), (416, 28013), (418, 28016), (440, 28055), (455, 28082), (479, 28154), (495, 28184),

Gene: MadKillah_68 Start: 43198, Stop: 44238, Start Num: 62
Candidate Starts for MadKillah_68:
(Start: 62 @43198 has 32 MA's), (91, 43273), (116, 43354), (119, 43360), (124, 43375), (158, 43456), (Start: 160 @43459 has 1 MA's), (187, 43513), (189, 43528), (220, 43624), (235, 43663), (248, 43693), (261, 43723), (262, 43726), (271, 43759), (299, 43825), (311, 43864), (317, 43873), (322, 43900), (343, 43939), (428, 44113), (455, 44164),

Gene: MadMarie_12 Start: 5964, Stop: 6929, Start Num: 65
Candidate Starts for MadMarie_12:
(Start: 65 @5964 has 101 MA's), (88, 6009), (Start: 94 @6030 has 1 MA's), (139, 6150), (200, 6288), (220, 6345), (225, 6360), (269, 6441), (274, 6456), (282, 6474), (304, 6525), (309, 6543), (322, 6588), (369, 6684), (393, 6747), (413, 6786), (440, 6837),

Gene: MadMen_29 Start: 26957, Stop: 27958, Start Num: 63
Candidate Starts for MadMen_29:
(Start: 63 @26957 has 221 MA's), (91, 27032), (Start: 102 @27065 has 1 MA's), (116, 27095), (124, 27116), (Start: 160 @27200 has 1 MA's), (187, 27251), (189, 27266), (220, 27362), (269, 27473), (277, 27494), (294, 27533), (299, 27545), (317, 27593), (322, 27620), (333, 27644), (343, 27659), (392, 27767), (416, 27815), (455, 27884), (470, 27914),

Gene: Madiba_29 Start: 26429, Stop: 27430, Start Num: 63
Candidate Starts for Madiba_29:
(34, 26267), (Start: 63 @26429 has 221 MA's), (91, 26504), (Start: 102 @26537 has 1 MA's), (116, 26567), (124, 26588), (Start: 160 @26672 has 1 MA's), (Start: 174 @26696 has 20 MA's), (Start: 184 @26711 has 1 MA's), (187, 26723), (220, 26834), (270, 26948), (277, 26966), (294, 27005), (304, 27029), (317, 27065), (322, 27092), (343, 27131), (392, 27239), (416, 27287), (424, 27299), (448, 27344), (455, 27356), (470, 27386),

Gene: Madruga_40 Start: 34911, Stop: 35936, Start Num: 55
Candidate Starts for Madruga_40:
(Start: 55 @34911 has 35 MA's), (116, 35046), (147, 35121), (188, 35205), (190, 35214), (194, 35238), (197, 35247), (231, 35340), (269, 35439), (282, 35472), (289, 35487), (299, 35508), (302, 35517), (331, 35604), (343, 35622), (361, 35652), (369, 35670), (383, 35706), (416, 35781), (423, 35793), (425, 35796), (446, 35835), (475, 35892),

Gene: Magnar_10 Start: 5741, Stop: 6703, Start Num: 71
Candidate Starts for Magnar_10:
(Start: 71 @5741 has 225 MA's), (Start: 87 @5774 has 5 MA's), (92, 5792), (Start: 94 @5795 has 1 MA's), (187, 5996), (203, 6062), (220, 6107), (265, 6197), (294, 6278), (299, 6290), (304, 6302), (309, 6320), (317, 6338), (321, 6362), (343, 6401), (384, 6482), (392, 6506), (393, 6509), (394, 6512), (402, 6521), (446, 6608), (470, 6653), (490, 6695),

Gene: Magnito_9 Start: 5486, Stop: 6454, Start Num: 71
Candidate Starts for Magnito_9:
(Start: 71 @5486 has 225 MA's), (Start: 87 @5519 has 5 MA's), (92, 5537), (Start: 94 @5540 has 1 MA's), (203, 5807), (220, 5858), (223, 5870), (264, 5945), (284, 6008), (289, 6020), (299, 6041), (304, 6053), (309, 6071), (317, 6089), (321, 6113), (343, 6152), (384, 6233), (392, 6257), (393, 6260), (394, 6263), (402, 6272), (446, 6359), (490, 6446),

Gene: Maguvora_253 Start: 145225, Stop: 146253, Start Num: 57
Candidate Starts for Maguvora_253:
(Start: 57 @145225 has 189 MA's), (Start: 67 @145255 has 3 MA's), (73, 145267), (91, 145309), (116, 145372), (124, 145393), (Start: 160 @145477 has 1 MA's), (Start: 184 @145519 has 1 MA's), (187, 145531), (189, 145546), (210, 145615), (220, 145642), (244, 145696), (261, 145741), (262, 145744), (288, 145822), (299, 145843), (343, 145954), (386, 146044), (392, 146062), (430, 146134), (448, 146167),

Gene: Mahavrat_31 Start: 27558, Stop: 28559, Start Num: 63
Candidate Starts for Mahavrat_31:
(37, 27459), (50, 27531), (Start: 63 @27558 has 221 MA's), (Start: 67 @27579 has 3 MA's), (73, 27591), (91, 27633), (Start: 102 @27666 has 1 MA's), (116, 27696), (124, 27717), (Start: 160 @27801 has 1 MA's), (Start: 174 @27825 has 20 MA's), (Start: 184 @27840 has 1 MA's), (187, 27852), (220, 27963), (270, 28077), (277, 28095), (294, 28134), (304, 28158), (317, 28194), (322, 28221), (343, 28260), (392, 28368), (424, 28428), (448, 28473), (455, 28485), (470, 28515),

Gene: Mainiac_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for Mainiac_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: MajorMajor_10 Start: 5599, Stop: 6363, Start Num: 176
Candidate Starts for MajorMajor_10:
(Start: 176 @5599 has 165 MA's), (220, 5743), (270, 5857), (271, 5860), (274, 5869), (304, 5938), (309, 5956), (330, 6019), (369, 6097), (381, 6124), (386, 6139), (392, 6157), (393, 6160), (440, 6250), (471, 6319),

Gene: Makemake_10 Start: 6196, Stop: 7164, Start Num: 71
Candidate Starts for Makemake_10:
(Start: 71 @6196 has 225 MA's), (Start: 87 @6229 has 5 MA's), (92, 6247), (Start: 94 @6250 has 1 MA's), (203, 6517), (220, 6568), (223, 6580), (264, 6655), (284, 6718), (299, 6751), (309, 6781), (317, 6799), (321, 6823), (343, 6862), (384, 6943), (392, 6967), (393, 6970), (394, 6973), (402, 6982), (446, 7069), (470, 7114), (490, 7156),

Gene: MalagasyRose_31 Start: 25844, Stop: 26686, Start Num: 176
Candidate Starts for MalagasyRose_31:
(157, 25817), (Start: 176 @25844 has 165 MA's), (Start: 184 @25856 has 1 MA's), (189, 25883), (190, 25889), (198, 25919), (208, 25943), (217, 25979), (220, 25988), (233, 26024), (257, 26066), (300, 26171), (360, 26324), (364, 26336), (373, 26357), (381, 26381), (390, 26408), (393, 26417), (419, 26507), (444, 26546), (455, 26567), (495, 26666),

Gene: Malec_12 Start: 6729, Stop: 7712, Start Num: 83
Candidate Starts for Malec_12:
(Start: 83 @6729 has 55 MA's), (Start: 94 @6759 has 1 MA's), (Start: 96 @6762 has 1 MA's), (Start: 102 @6783 has 1 MA's), (196, 7020), (200, 7032), (210, 7059), (220, 7089), (223, 7101), (228, 7113), (262, 7167), (279, 7218), (306, 7278), (363, 7425), (391, 7500), (421, 7560), (456, 7632), (480, 7686),

Gene: Malinsilva_14 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for Malinsilva_14:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578),

(369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: Malthus_33 Start: 27553, Stop: 28344, Start Num: 162
Candidate Starts for Malthus_33:
(Start: 162 @27553 has 23 MA's), (Start: 184 @27586 has 1 MA's), (190, 27619), (196, 27643), (203, 27664), (217, 27712), (220, 27721), (233, 27757), (273, 27838), (350, 28045), (364, 28072), (367, 28078), (373, 28093), (381, 28117), (418, 28141), (430, 28162), (448, 28195), (455, 28207), (479, 28279),

Gene: Manatee_10 Start: 5683, Stop: 6651, Start Num: 71
Candidate Starts for Manatee_10:
(Start: 71 @5683 has 225 MA's), (Start: 87 @5716 has 5 MA's), (92, 5734), (Start: 94 @5737 has 1 MA's), (203, 6004), (220, 6055), (223, 6067), (264, 6142), (284, 6205), (299, 6238), (304, 6250), (309, 6268), (317, 6286), (321, 6310), (343, 6349), (384, 6430), (392, 6454), (393, 6457), (394, 6460), (402, 6469), (446, 6556), (490, 6643),

Gene: Mangeria_252 Start: 145144, Stop: 146172, Start Num: 57
Candidate Starts for Mangeria_252:
(Start: 57 @145144 has 189 MA's), (Start: 67 @145174 has 3 MA's), (73, 145186), (91, 145228), (116, 145291), (124, 145312), (Start: 160 @145396 has 1 MA's), (Start: 184 @145438 has 1 MA's), (187, 145450), (189, 145465), (210, 145534), (220, 145561), (244, 145615), (261, 145660), (262, 145663), (288, 145741), (299, 145762), (343, 145873), (386, 145963), (392, 145981), (430, 146053), (448, 146086),

Gene: Mantra_31 Start: 27618, Stop: 28619, Start Num: 63
Candidate Starts for Mantra_31:
(2, 26997), (4, 27075), (8, 27138), (16, 27177), (24, 27330), (28, 27366), (Start: 63 @27618 has 221 MA's), (Start: 67 @27639 has 3 MA's), (73, 27651), (91, 27693), (116, 27756), (124, 27777), (138, 27807), (Start: 160 @27861 has 1 MA's), (Start: 174 @27885 has 20 MA's), (187, 27912), (220, 28023), (270, 28137), (277, 28155), (294, 28194), (304, 28218), (317, 28254), (322, 28281), (343, 28320), (369, 28368), (392, 28428), (424, 28488), (455, 28545), (470, 28575),

Gene: Manu_13 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Manu_13:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: MarQuardt_12 Start: 5963, Stop: 6928, Start Num: 65
Candidate Starts for MarQuardt_12:
(Start: 65 @5963 has 101 MA's), (88, 6008), (Start: 94 @6029 has 1 MA's), (139, 6149), (220, 6344), (225, 6359), (269, 6440), (274, 6455), (282, 6473), (304, 6524), (309, 6542), (322, 6587), (369, 6683), (393, 6746), (413, 6785), (440, 6836),

Gene: Maravista_31 Start: 27454, Stop: 28455, Start Num: 63
Candidate Starts for Maravista_31:
(Start: 63 @27454 has 221 MA's), (Start: 67 @27475 has 3 MA's), (73, 27487), (91, 27529), (116, 27592), (124, 27613), (138, 27643), (Start: 160 @27697 has 1 MA's), (Start: 174 @27721 has 20 MA's), (Start: 184 @27736 has 1 MA's), (187, 27748), (220, 27859), (270, 27973), (277, 27991), (294, 28030), (304, 28054), (317, 28090), (322, 28117), (343, 28156), (369, 28204), (392, 28264), (424, 28324), (455, 28381), (470, 28411),

Gene: Marcell_10 Start: 5946, Stop: 6914, Start Num: 71

Candidate Starts for Marcell_10:
(Start: 71 @5946 has 225 MA's), (Start: 87 @5979 has 5 MA's), (92, 5997), (Start: 94 @6000 has 1 MA's), (203, 6267), (220, 6318), (223, 6330), (264, 6405), (284, 6468), (289, 6480), (299, 6501), (304, 6513), (309, 6531), (317, 6549), (321, 6573), (343, 6612), (384, 6693), (392, 6717), (393, 6720), (394, 6723), (402, 6732), (470, 6864), (490, 6906),

Gene: Marchesa_10 Start: 5790, Stop: 6530, Start Num: 166
Candidate Starts for Marchesa_10:
(Start: 166 @5790 has 22 MA's), (200, 5877), (220, 5934), (223, 5946), (225, 5949), (235, 5973), (249, 5988), (261, 6006), (269, 6036), (271, 6042), (274, 6051), (282, 6069), (304, 6120), (309, 6138), (334, 6210), (357, 6252), (369, 6279), (381, 6306), (392, 6339), (393, 6342), (413, 6381), (492, 6522),

Gene: Marchy_9 Start: 5606, Stop: 6541, Start Num: 87
Candidate Starts for Marchy_9:
(Start: 71 @5573 has 225 MA's), (Start: 87 @5606 has 5 MA's), (92, 5624), (Start: 94 @5627 has 1 MA's), (203, 5894), (220, 5945), (223, 5957), (264, 6032), (284, 6095), (299, 6128), (304, 6140), (309, 6158), (317, 6176), (343, 6239), (384, 6320), (392, 6344), (393, 6347), (394, 6350), (402, 6359), (446, 6446), (470, 6491), (490, 6533),

Gene: Marco3_10 Start: 6218, Stop: 7186, Start Num: 71
Candidate Starts for Marco3_10:
(Start: 71 @6218 has 225 MA's), (Start: 87 @6251 has 5 MA's), (92, 6269), (Start: 94 @6272 has 1 MA's), (203, 6539), (220, 6590), (223, 6602), (264, 6677), (284, 6740), (289, 6752), (299, 6773), (304, 6785), (309, 6803), (317, 6821), (321, 6845), (343, 6884), (384, 6965), (392, 6989), (393, 6992), (394, 6995), (402, 7004), (446, 7091), (470, 7136), (490, 7178),

Gene: Marge_10 Start: 5967, Stop: 6935, Start Num: 71
Candidate Starts for Marge_10:
(Start: 71 @5967 has 225 MA's), (Start: 87 @6000 has 5 MA's), (92, 6018), (Start: 94 @6021 has 1 MA's), (203, 6288), (220, 6339), (223, 6351), (264, 6426), (284, 6489), (289, 6501), (299, 6522), (309, 6552), (317, 6570), (321, 6594), (343, 6633), (384, 6714), (392, 6738), (393, 6741), (394, 6744), (402, 6753), (446, 6840), (470, 6885), (490, 6927),

Gene: Margo_11 Start: 6077, Stop: 7042, Start Num: 65
Candidate Starts for Margo_11:
(Start: 65 @6077 has 101 MA's), (88, 6122), (Start: 94 @6143 has 1 MA's), (139, 6263), (145, 6278), (Start: 177 @6317 has 9 MA's), (200, 6401), (220, 6458), (225, 6473), (269, 6554), (274, 6569), (282, 6587), (304, 6638), (309, 6656), (322, 6701), (369, 6797), (393, 6860), (413, 6899), (440, 6950),

Gene: Marie_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Marie_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Marius_13 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Marius_13:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: MarkPhew_31 Start: 25592, Stop: 26332, Start Num: 176
Candidate Starts for MarkPhew_31:

(125, 25490), (133, 25511), (148, 25544), (157, 25565), (Start: 176 @25592 has 165 MA's), (189, 25631), (190, 25637), (200, 25673), (220, 25730), (233, 25766), (257, 25808), (271, 25856), (301, 25916), (364, 26078), (376, 26105), (381, 26123), (413, 26135), (442, 26189), (455, 26213), (495, 26312), (498, 26321),

Gene: Marker_32 Start: 27383, Stop: 28384, Start Num: 63
Candidate Starts for Marker_32:
(28, 27131), (37, 27284), (50, 27356), (Start: 63 @27383 has 221 MA's), (91, 27458), (116, 27521), (124, 27542), (138, 27572), (Start: 160 @27626 has 1 MA's), (Start: 174 @27650 has 20 MA's), (Start: 184 @27665 has 1 MA's), (187, 27677), (189, 27692), (220, 27788), (270, 27902), (277, 27920), (294, 27959), (304, 27983), (317, 28019), (322, 28046), (343, 28085), (369, 28133), (392, 28193), (416, 28241), (424, 28253), (448, 28298), (455, 28310), (470, 28340),

Gene: Marley1013_47 Start: 42315, Stop: 43379, Start Num: 52
Candidate Starts for Marley1013_47:
(Start: 52 @42315 has 53 MA's), (Start: 77 @42378 has 3 MA's), (110, 42459), (138, 42525), (144, 42540), (147, 42552), (161, 42579), (188, 42636), (190, 42645), (242, 42792), (251, 42807), (269, 42861), (282, 42894), (301, 42933), (305, 42945), (331, 43026), (343, 43044), (344, 43047), (369, 43092), (416, 43203), (475, 43314), (486, 43335), (499, 43368),

Gene: Marleymoo_50 Start: 42099, Stop: 43103, Start Num: 77
Candidate Starts for Marleymoo_50:
(Start: 77 @42099 has 3 MA's), (99, 42153), (115, 42204), (144, 42273), (146, 42276), (167, 42318), (217, 42456), (220, 42465), (238, 42510), (270, 42579), (283, 42603), (284, 42606), (304, 42651), (309, 42669), (364, 42831), (370, 42846), (375, 42855), (490, 43056),

Gene: Marlia_47 Start: 41518, Stop: 42582, Start Num: 52
Candidate Starts for Marlia_47:
(Start: 52 @41518 has 53 MA's), (Start: 77 @41581 has 3 MA's), (110, 41662), (138, 41728), (144, 41743), (147, 41755), (161, 41782), (188, 41839), (190, 41848), (242, 41995), (251, 42010), (269, 42064), (282, 42097), (301, 42136), (305, 42148), (331, 42229), (343, 42247), (344, 42250), (369, 42295), (416, 42406), (475, 42517), (486, 42538), (499, 42571),

Gene: Maroc7_9 Start: 5759, Stop: 6727, Start Num: 71
Candidate Starts for Maroc7_9:
(Start: 71 @5759 has 225 MA's), (Start: 87 @5792 has 5 MA's), (92, 5810), (Start: 94 @5813 has 1 MA's), (203, 6080), (220, 6131), (223, 6143), (264, 6218), (284, 6281), (289, 6293), (299, 6314), (304, 6326), (309, 6344), (317, 6362), (321, 6386), (343, 6425), (384, 6506), (392, 6530), (393, 6533), (394, 6536), (402, 6545), (470, 6677), (490, 6719),

Gene: Marsha_10 Start: 6203, Stop: 7171, Start Num: 71
Candidate Starts for Marsha_10:
(Start: 71 @6203 has 225 MA's), (Start: 87 @6236 has 5 MA's), (92, 6254), (Start: 94 @6257 has 1 MA's), (203, 6524), (210, 6542), (220, 6575), (223, 6587), (264, 6662), (284, 6725), (299, 6758), (309, 6788), (317, 6806), (343, 6869), (384, 6950), (392, 6974), (393, 6977), (394, 6980), (402, 6989), (446, 7076), (490, 7163),

Gene: Marshawn_32 Start: 26272, Stop: 27012, Start Num: 176
Candidate Starts for Marshawn_32:
(148, 26224), (157, 26245), (Start: 176 @26272 has 165 MA's), (Start: 184 @26284 has 1 MA's), (189, 26311), (190, 26317), (200, 26353), (220, 26410), (223, 26422), (233, 26446), (257, 26488), (271, 26536), (301, 26596), (350, 26731), (364, 26758), (381, 26803), (418, 26827), (442, 26869), (454, 26890), (455, 26893), (495, 26992), (498, 27001),

Gene: Martik_31 Start: 27699, Stop: 28700, Start Num: 63
Candidate Starts for Martik_31:
(Start: 63 @27699 has 221 MA's), (Start: 67 @27720 has 3 MA's), (73, 27732), (91, 27774), (116, 27837), (124, 27858), (138, 27888), (Start: 160 @27942 has 1 MA's), (Start: 174 @27966 has 20 MA's), (Start: 184 @27981 has 1 MA's), (187, 27993), (220, 28104), (270, 28218), (277, 28236), (294, 28275), (304, 28299), (317, 28335), (322, 28362), (343, 28401), (369, 28449), (392, 28509), (424, 28569), (455, 28626), (470, 28656),

Gene: MaryBeth_10 Start: 6181, Stop: 7149, Start Num: 71
Candidate Starts for MaryBeth_10:
(Start: 71 @6181 has 225 MA's), (Start: 87 @6214 has 5 MA's), (92, 6232), (Start: 94 @6235 has 1 MA's), (203, 6502), (220, 6553), (223, 6565), (264, 6640), (284, 6703), (289, 6715), (299, 6736), (304, 6748), (309, 6766), (317, 6784), (321, 6808), (343, 6847), (384, 6928), (392, 6952), (393, 6955), (394, 6958), (402, 6967), (446, 7054), (490, 7141),

Gene: MarysWell_7 Start: 5323, Stop: 6132, Start Num: 181
Candidate Starts for MarysWell_7:
(Start: 181 @5323 has 57 MA's), (194, 5386), (197, 5395), (213, 5452), (230, 5500), (322, 5770), (343, 5812), (362, 5869), (380, 5911), (495, 6118),

Gene: Matsumoto_250 Start: 144235, Stop: 145263, Start Num: 57
Candidate Starts for Matsumoto_250:
(Start: 57 @144235 has 189 MA's), (Start: 67 @144265 has 3 MA's), (73, 144277), (91, 144319), (116, 144382), (124, 144403), (Start: 160 @144487 has 1 MA's), (Start: 184 @144529 has 1 MA's), (187, 144541), (189, 144556), (210, 144625), (220, 144652), (244, 144706), (261, 144751), (262, 144754), (288, 144832), (299, 144853), (343, 144964), (386, 145054), (392, 145072), (430, 145144), (448, 145177),

Gene: Mattes_31 Start: 27708, Stop: 28709, Start Num: 63
Candidate Starts for Mattes_31:
(Start: 63 @27708 has 221 MA's), (91, 27783), (116, 27846), (124, 27867), (Start: 160 @27951 has 1 MA's), (Start: 174 @27975 has 20 MA's), (Start: 184 @27990 has 1 MA's), (187, 28002), (220, 28113), (270, 28227), (277, 28245), (294, 28284), (304, 28308), (317, 28344), (343, 28410), (392, 28518), (416, 28566), (424, 28578), (448, 28623), (455, 28635), (470, 28665),

Gene: Maturis_246 Start: 144062, Stop: 145096, Start Num: 57
Candidate Starts for Maturis_246:
(Start: 57 @144062 has 189 MA's), (Start: 67 @144092 has 3 MA's), (91, 144146), (116, 144209), (124, 144230), (Start: 160 @144314 has 1 MA's), (Start: 184 @144356 has 1 MA's), (187, 144368), (189, 144383), (210, 144452), (220, 144479), (244, 144533), (261, 144578), (262, 144581), (288, 144659), (299, 144680), (343, 144791), (386, 144881), (392, 144899), (430, 144971), (448, 145004), (493, 145091),

Gene: Maverick_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Maverick_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Maxo_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Maxo_10:

(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Mayonnaise_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Mayonnaise_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Mazhar510_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Mazhar510_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: McGee_254 Start: 144581, Stop: 145609, Start Num: 57
Candidate Starts for McGee_254:
(Start: 57 @144581 has 189 MA's), (Start: 67 @144611 has 3 MA's), (73, 144623), (91, 144665), (116, 144728), (124, 144749), (Start: 160 @144833 has 1 MA's), (Start: 184 @144875 has 1 MA's), (187, 144887), (189, 144902), (210, 144971), (220, 144998), (244, 145052), (261, 145097), (262, 145100), (288, 145178), (299, 145199), (343, 145310), (386, 145400), (392, 145418), (430, 145490), (448, 145523),

Gene: McGuire_10 Start: 5728, Stop: 6696, Start Num: 71
Candidate Starts for McGuire_10:
(Start: 71 @5728 has 225 MA's), (Start: 87 @5761 has 5 MA's), (92, 5779), (Start: 94 @5782 has 1 MA's), (203, 6049), (220, 6100), (223, 6112), (264, 6187), (284, 6250), (299, 6283), (304, 6295), (309, 6313), (317, 6331), (321, 6355), (343, 6394), (384, 6475), (392, 6499), (393, 6502), (394, 6505), (402, 6514), (446, 6601), (490, 6688),

Gene: McMater_31 Start: 25850, Stop: 26611, Start Num: 176
Candidate Starts for McMater_31:
(157, 25820), (Start: 176 @25850 has 165 MA's), (190, 25895), (200, 25931), (218, 25991), (220, 25997), (231, 26027), (233, 26033), (238, 26042), (257, 26075), (269, 26117), (295, 26168), (301, 26183), (350, 26318), (364, 26345), (373, 26366), (376, 26372), (381, 26390), (418, 26423), (419, 26429), (448, 26477), (474, 26549), (495, 26591), (498, 26600),

Gene: McSinger_11 Start: 6144, Stop: 7112, Start Num: 71
Candidate Starts for McSinger_11:
(Start: 71 @6144 has 225 MA's), (Start: 87 @6177 has 5 MA's), (92, 6195), (Start: 94 @6198 has 1 MA's), (Start: 184 @6387 has 1 MA's), (203, 6465), (220, 6516), (223, 6528), (264, 6603), (274, 6642), (299, 6699), (309, 6729), (321, 6771), (343, 6810), (384, 6891), (392, 6915), (393, 6918), (394, 6921), (402, 6930), (446, 7017), (470, 7062), (490, 7104),

Gene: McWolfish_249 Start: 144242, Stop: 145270, Start Num: 57
Candidate Starts for McWolfish_249:
(Start: 57 @144242 has 189 MA's), (Start: 67 @144272 has 3 MA's), (73, 144284), (91, 144326), (116, 144389), (124, 144410), (Start: 160 @144494 has 1 MA's), (Start: 184 @144536 has 1 MA's), (187, 144548), (189, 144563), (210, 144632), (220, 144659), (244, 144713), (261, 144758), (262, 144761),

(288, 144839), (299, 144860), (343, 144971), (386, 145061), (392, 145079), (430, 145151), (448, 145184),

Gene: Mdavu_27 Start: 25966, Stop: 26724, Start Num: 174
Candidate Starts for Mdavu_27:
(125, 25864), (148, 25918), (157, 25939), (Start: 174 @25966 has 20 MA's), (190, 26011), (200, 26047), (218, 26107), (220, 26113), (231, 26143), (257, 26191), (269, 26233), (301, 26299), (311, 26335), (350, 26434), (364, 26461), (373, 26482), (376, 26488), (413, 26527), (418, 26539), (419, 26545), (436, 26569), (448, 26593), (495, 26704), (498, 26713),

Gene: MeaningOfLife_31 Start: 26430, Stop: 27302, Start Num: 176
Candidate Starts for MeaningOfLife_31:
(157, 26403), (Start: 176 @26430 has 165 MA's), (Start: 184 @26442 has 1 MA's), (200, 26511), (210, 26538), (217, 26568), (220, 26577), (233, 26613), (238, 26622), (257, 26655), (264, 26673), (271, 26703), (301, 26763), (350, 26898), (364, 26925), (373, 26946), (381, 26970), (398, 27021), (419, 27123), (442, 27159), (455, 27183), (495, 27282), (498, 27291),

Gene: Medusa_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Medusa_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: MeeZee_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for MeeZee_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Megamind_249 Start: 144567, Stop: 145595, Start Num: 57
Candidate Starts for Megamind_249:
(Start: 57 @144567 has 189 MA's), (Start: 67 @144597 has 3 MA's), (73, 144609), (91, 144651), (116, 144714), (124, 144735), (Start: 160 @144819 has 1 MA's), (Start: 184 @144861 has 1 MA's), (187, 144873), (189, 144888), (210, 144957), (220, 144984), (244, 145038), (261, 145083), (262, 145086), (288, 145164), (299, 145185), (343, 145296), (386, 145386), (392, 145404), (430, 145476), (448, 145509),

Gene: Megsy_31 Start: 26430, Stop: 27302, Start Num: 176
Candidate Starts for Megsy_31:
(157, 26403), (Start: 176 @26430 has 165 MA's), (Start: 184 @26442 has 1 MA's), (200, 26511), (210, 26538), (217, 26568), (220, 26577), (233, 26613), (238, 26622), (257, 26655), (264, 26673), (301, 26763), (350, 26898), (364, 26925), (373, 26946), (381, 26970), (398, 27021), (419, 27123), (442, 27159), (455, 27183), (495, 27282), (498, 27291),

Gene: Melissauren88_31 Start: 27668, Stop: 28666, Start Num: 55
Candidate Starts for Melissauren88_31:
(Start: 55 @27668 has 35 MA's), (91, 27743), (116, 27803), (124, 27824), (Start: 160 @27908 has 1 MA's), (187, 27959), (189, 27974), (220, 28070), (264, 28157), (269, 28181), (277, 28202), (294, 28241), (299, 28253), (317, 28301), (322, 28328), (333, 28352), (343, 28367), (392, 28475), (416, 28523), (455, 28592), (470, 28622),

Gene: Melpomini_247 Start: 143327, Stop: 144355, Start Num: 57
Candidate Starts for Melpomini_247:
(Start: 57 @143327 has 189 MA's), (Start: 67 @143357 has 3 MA's), (73, 143369), (91, 143411), (116, 143474), (124, 143495), (Start: 160 @143579 has 1 MA's), (Start: 184 @143621 has 1 MA's), (187, 143633), (189, 143648), (210, 143717), (220, 143744), (244, 143798), (261, 143843), (262, 143846), (288, 143924), (299, 143945), (343, 144056), (386, 144146), (392, 144164), (430, 144236), (448, 144269),

Gene: Melvin_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Melvin_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: MetalQZJ_10 Start: 6181, Stop: 7149, Start Num: 71
Candidate Starts for MetalQZJ_10:
(Start: 71 @6181 has 225 MA's), (Start: 87 @6214 has 5 MA's), (92, 6232), (Start: 94 @6235 has 1 MA's), (203, 6502), (220, 6553), (223, 6565), (264, 6640), (284, 6703), (289, 6715), (299, 6736), (304, 6748), (309, 6766), (317, 6784), (321, 6808), (343, 6847), (384, 6928), (392, 6952), (393, 6955), (394, 6958), (402, 6967), (446, 7054), (490, 7141),

Gene: Methuselah_12 Start: 6045, Stop: 7010, Start Num: 65
Candidate Starts for Methuselah_12:
(Start: 65 @6045 has 101 MA's), (88, 6090), (Start: 94 @6111 has 1 MA's), (139, 6231), (200, 6369), (220, 6426), (225, 6441), (269, 6522), (274, 6537), (282, 6555), (304, 6606), (309, 6624), (322, 6669), (369, 6765), (393, 6828), (413, 6867), (440, 6918),

Gene: Micasa_8 Start: 5324, Stop: 6133, Start Num: 181
Candidate Starts for Micasa_8:
(Start: 181 @5324 has 57 MA's), (194, 5387), (197, 5396), (213, 5453), (230, 5501), (261, 5582), (322, 5771), (343, 5813), (362, 5870), (380, 5912), (495, 6119),

Gene: Michley_10 Start: 5929, Stop: 6897, Start Num: 71
Candidate Starts for Michley_10:
(Start: 71 @5929 has 225 MA's), (Start: 87 @5962 has 5 MA's), (92, 5980), (Start: 94 @5983 has 1 MA's), (203, 6250), (220, 6301), (223, 6313), (264, 6388), (284, 6451), (289, 6463), (299, 6484), (304, 6496), (309, 6514), (317, 6532), (321, 6556), (343, 6595), (384, 6676), (392, 6700), (393, 6703), (394, 6706), (402, 6715), (446, 6802), (470, 6847), (490, 6889),

Gene: Microwolf_12 Start: 5963, Stop: 6928, Start Num: 65
Candidate Starts for Microwolf_12:
(Start: 65 @5963 has 101 MA's), (88, 6008), (Start: 94 @6029 has 1 MA's), (139, 6149), (200, 6287), (220, 6344), (225, 6359), (269, 6440), (274, 6455), (282, 6473), (304, 6524), (309, 6542), (322, 6587), (369, 6683), (393, 6746), (413, 6785), (440, 6836),

Gene: MiculUcigas_11 Start: 6484, Stop: 7461, Start Num: 72
Candidate Starts for MiculUcigas_11:
(Start: 72 @6484 has 61 MA's), (Start: 94 @6538 has 1 MA's), (119, 6595), (189, 6727), (200, 6775), (220, 6832), (233, 6868), (264, 6916), (274, 6955), (305, 7027), (309, 7042), (322, 7087), (330, 7105), (348, 7147), (369, 7195), (381, 7222), (386, 7237), (392, 7255), (393, 7258), (440, 7348),

Gene: Midas2_8 Start: 5323, Stop: 6132, Start Num: 181

Candidate Starts for Midas2_8:
(Start: 181 @5323 has 57 MA's), (194, 5386), (197, 5395), (213, 5452), (230, 5500), (322, 5770), (343, 5812), (362, 5869), (380, 5911), (495, 6118),

Gene: MikeLiesIn_253 Start: 145703, Stop: 146731, Start Num: 57
Candidate Starts for MikeLiesIn_253:
(Start: 57 @145703 has 189 MA's), (Start: 67 @145733 has 3 MA's), (73, 145745), (91, 145787), (116, 145850), (124, 145871), (Start: 160 @145955 has 1 MA's), (Start: 184 @145997 has 1 MA's), (187, 146009), (189, 146024), (210, 146093), (220, 146120), (244, 146174), (261, 146219), (262, 146222), (288, 146300), (299, 146321), (343, 146432), (386, 146522), (392, 146540), (430, 146612), (448, 146645),

Gene: Miko_14 Start: 8100, Stop: 9086, Start Num: 83
Candidate Starts for Miko_14:
(Start: 83 @8100 has 55 MA's), (Start: 94 @8130 has 1 MA's), (Start: 101 @8151 has 1 MA's), (Start: 102 @8154 has 1 MA's), (112, 8187), (200, 8403), (220, 8460), (223, 8472), (232, 8493), (280, 8583), (306, 8649), (363, 8799), (372, 8820), (421, 8934), (456, 9006),

Gene: Mikro_246 Start: 146146, Stop: 147174, Start Num: 57
Candidate Starts for Mikro_246:
(Start: 57 @146146 has 189 MA's), (Start: 67 @146176 has 3 MA's), (73, 146188), (91, 146230), (116, 146293), (124, 146314), (Start: 160 @146398 has 1 MA's), (Start: 184 @146440 has 1 MA's), (187, 146452), (189, 146467), (210, 146536), (220, 146563), (244, 146617), (261, 146662), (262, 146665), (288, 146743), (299, 146764), (343, 146875), (386, 146965), (392, 146983), (430, 147055), (448, 147088),

Gene: MilanaBonita_25 Start: 23599, Stop: 24597, Start Num: 55
Candidate Starts for MilanaBonita_25:
(Start: 55 @23599 has 35 MA's), (91, 23674), (116, 23734), (124, 23755), (Start: 160 @23839 has 1 MA's), (187, 23890), (189, 23905), (220, 24001), (264, 24088), (269, 24112), (277, 24133), (294, 24172), (299, 24184), (317, 24232), (322, 24259), (333, 24283), (343, 24298), (392, 24406), (416, 24454), (455, 24523), (470, 24553),

Gene: Milcery_8 Start: 5360, Stop: 6169, Start Num: 181
Candidate Starts for Milcery_8:
(Start: 181 @5360 has 57 MA's), (194, 5423), (197, 5432), (213, 5489), (230, 5537), (261, 5618), (322, 5807), (343, 5849), (362, 5906), (380, 5948), (495, 6155),

Gene: Miley16_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Miley16_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: MilleFeuille_9 Start: 5497, Stop: 6465, Start Num: 71
Candidate Starts for MilleFeuille_9:
(Start: 71 @5497 has 225 MA's), (Start: 87 @5530 has 5 MA's), (92, 5548), (Start: 94 @5551 has 1 MA's), (203, 5818), (207, 5824), (210, 5836), (220, 5869), (223, 5881), (264, 5956), (284, 6019), (299, 6052), (309, 6082), (317, 6100), (321, 6124), (343, 6163), (384, 6244), (392, 6268), (393, 6271), (394, 6274), (402, 6283), (446, 6370), (470, 6415), (490, 6457),

Gene: MilleniumForce_32 Start: 28460, Stop: 29458, Start Num: 55
Candidate Starts for MilleniumForce_32:
(Start: 55 @28460 has 35 MA's), (91, 28535), (116, 28595), (124, 28616), (Start: 160 @28700 has 1 MA's), (187, 28751), (189, 28766), (220, 28862), (269, 28973), (277, 28994), (294, 29033), (299, 29045), (317, 29093), (322, 29120), (333, 29144), (343, 29159), (392, 29267), (416, 29315), (455, 29384), (470, 29414),

Gene: Millski_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Millski_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Minerva_55 Start: 43973, Stop: 44845, Start Num: 154
Candidate Starts for Minerva_55:
(Start: 154 @43973 has 32 MA's), (Start: 171 @44000 has 1 MA's), (201, 44108), (207, 44129), (220, 44174), (227, 44195), (241, 44216), (261, 44270), (277, 44321), (298, 44372), (351, 44522), (391, 44630), (392, 44633), (412, 44657), (438, 44693), (445, 44708), (453, 44720), (459, 44741),

Gene: MiniLon_28 Start: 26618, Stop: 27661, Start Num: 80
Candidate Starts for MiniLon_28:
(Start: 80 @26618 has 47 MA's), (Start: 83 @26624 has 55 MA's), (92, 26651), (99, 26672), (115, 26723), (126, 26753), (149, 26804), (191, 26909), (218, 26990), (220, 26996), (237, 27038), (267, 27092), (272, 27110), (274, 27116), (277, 27122), (309, 27194), (325, 27251), (353, 27311), (385, 27386), (392, 27407), (410, 27431), (418, 27446), (419, 27452), (455, 27515), (495, 27617), (501, 27638), (502, 27644),

Gene: MiniMac_28 Start: 26619, Stop: 27662, Start Num: 80
Candidate Starts for MiniMac_28:
(Start: 80 @26619 has 47 MA's), (Start: 83 @26625 has 55 MA's), (92, 26652), (99, 26673), (115, 26724), (126, 26754), (149, 26805), (191, 26910), (218, 26991), (220, 26997), (237, 27039), (267, 27093), (272, 27111), (274, 27117), (277, 27123), (309, 27195), (325, 27252), (353, 27312), (385, 27387), (392, 27408), (410, 27432), (418, 27447), (419, 27453), (426, 27459), (455, 27516), (495, 27618), (501, 27639), (502, 27645), (503, 27654),

Gene: Minnie_33 Start: 28503, Stop: 29504, Start Num: 63
Candidate Starts for Minnie_33:
(Start: 63 @28503 has 221 MA's), (91, 28578), (Start: 102 @28611 has 1 MA's), (116, 28641), (124, 28662), (138, 28692), (142, 28704), (Start: 160 @28746 has 1 MA's), (Start: 174 @28770 has 20 MA's), (Start: 184 @28785 has 1 MA's), (187, 28797), (220, 28908), (270, 29022), (277, 29040), (294, 29079), (304, 29103), (317, 29139), (322, 29166), (343, 29205), (392, 29313), (416, 29361), (424, 29373), (448, 29418), (455, 29430), (470, 29460),

Gene: Miramae_10 Start: 5845, Stop: 6825, Start Num: 84
Candidate Starts for Miramae_10:
(Start: 84 @5845 has 125 MA's), (Start: 94 @5872 has 1 MA's), (Start: 101 @5893 has 1 MA's), (Start: 102 @5896 has 1 MA's), (200, 6145), (220, 6202), (223, 6214), (251, 6265), (265, 6286), (280, 6334), (306, 6391), (363, 6541), (421, 6676), (429, 6685), (456, 6742), (491, 6817),

Gene: Miryou_30 Start: 27031, Stop: 27903, Start Num: 176
Candidate Starts for Miryou_30:

(125, 26929), (148, 26983), (Start: 176 @27031 has 165 MA's), (Start: 184 @27043 has 1 MA's), (185, 27046), (186, 27049), (190, 27076), (198, 27106), (200, 27112), (217, 27166), (220, 27175), (223, 27187), (238, 27220), (257, 27253), (271, 27301), (364, 27523), (371, 27541), (373, 27544), (393, 27604), (402, 27649), (419, 27721), (442, 27757), (444, 27760), (455, 27781), (473, 27838), (490, 27874), (495, 27883), (498, 27892),

Gene: Misha28_32 Start: 27407, Stop: 28408, Start Num: 63
Candidate Starts for Misha28_32:
(28, 27146), (37, 27308), (Start: 63 @27407 has 221 MA's), (91, 27482), (116, 27545), (124, 27566), (Start: 160 @27650 has 1 MA's), (Start: 174 @27674 has 20 MA's), (Start: 184 @27689 has 1 MA's), (187, 27701), (220, 27812), (270, 27926), (277, 27944), (294, 27983), (304, 28007), (317, 28043), (322, 28070), (343, 28109), (392, 28217), (416, 28265), (424, 28277), (455, 28334), (470, 28364),

Gene: Misomonster_14 Start: 6045, Stop: 7010, Start Num: 65
Candidate Starts for Misomonster_14:
(Start: 65 @6045 has 101 MA's), (88, 6090), (Start: 94 @6111 has 1 MA's), (139, 6231), (200, 6369), (220, 6426), (225, 6441), (269, 6522), (274, 6537), (282, 6555), (304, 6606), (309, 6624), (322, 6669), (369, 6765), (393, 6828), (440, 6918),

Gene: MissDaisy_32 Start: 27396, Stop: 28187, Start Num: 162
Candidate Starts for MissDaisy_32:
(118, 27291), (125, 27309), (137, 27336), (145, 27357), (Start: 162 @27396 has 23 MA's), (Start: 184 @27429 has 1 MA's), (190, 27462), (208, 27516), (217, 27555), (220, 27564), (233, 27600), (238, 27609), (317, 27792), (350, 27888), (364, 27915), (373, 27936), (379, 27951), (381, 27960), (418, 27984), (448, 28038), (455, 28050), (479, 28122), (490, 28143),

Gene: MissWhite_11 Start: 5672, Stop: 6478, Start Num: 183
Candidate Starts for MissWhite_11:
(Start: 183 @5672 has 4 MA's), (213, 5798), (230, 5846), (236, 5858), (260, 5924), (308, 6056), (335, 6140), (343, 6158), (355, 6197), (362, 6215), (449, 6350), (467, 6401), (495, 6464),

Gene: MisterCuddles_33 Start: 28455, Stop: 29525, Start Num: 63
Candidate Starts for MisterCuddles_33:
(43, 28404), (Start: 63 @28455 has 221 MA's), (Start: 67 @28476 has 3 MA's), (Start: 70 @28482 has 1 MA's), (Start: 87 @28509 has 5 MA's), (90, 28518), (110, 28578), (123, 28605), (147, 28671), (Start: 181 @28725 has 57 MA's), (190, 28767), (203, 28818), (229, 28902), (242, 28932), (255, 28965), (276, 29040), (284, 29061), (331, 29190), (369, 29262), (410, 29358), (416, 29370), (455, 29439), (483, 29496), (488, 29505),

Gene: Mitti_32 Start: 27554, Stop: 28345, Start Num: 162
Candidate Starts for Mitti_32:
(Start: 162 @27554 has 23 MA's), (Start: 184 @27587 has 1 MA's), (190, 27620), (196, 27644), (203, 27665), (208, 27674), (214, 27704), (217, 27713), (220, 27722), (233, 27758), (273, 27839), (350, 28046), (364, 28073), (373, 28094), (379, 28109), (381, 28118), (418, 28142), (448, 28196), (455, 28208), (479, 28280),

Gene: MkaliMitinis3_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for MkaliMitinis3_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (144, 26477), (156, 26507), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (244, 26732), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Mkhuseli_9 Start: 5588, Stop: 6556, Start Num: 71
Candidate Starts for Mkhuseli_9:
(Start: 71 @5588 has 225 MA's), (Start: 87 @5621 has 5 MA's), (92, 5639), (Start: 94 @5642 has 1 MA's), (203, 5909), (220, 5960), (223, 5972), (264, 6047), (284, 6110), (299, 6143), (304, 6155), (309, 6173), (317, 6191), (321, 6215), (343, 6254), (384, 6335), (392, 6359), (393, 6362), (394, 6365), (402, 6374), (446, 6461), (470, 6506), (490, 6548),

Gene: MmasiCarm_47 Start: 41519, Stop: 42583, Start Num: 52
Candidate Starts for MmasiCarm_47:
(Start: 52 @41519 has 53 MA's), (Start: 77 @41582 has 3 MA's), (110, 41663), (138, 41729), (144, 41744), (147, 41756), (161, 41783), (188, 41840), (190, 41849), (242, 41996), (251, 42011), (269, 42065), (282, 42098), (301, 42137), (305, 42149), (331, 42230), (343, 42248), (344, 42251), (369, 42296), (416, 42407), (475, 42518), (486, 42539), (499, 42572),

Gene: MoMoMixon_248 Start: 144662, Stop: 145690, Start Num: 57
Candidate Starts for MoMoMixon_248:
(Start: 57 @144662 has 189 MA's), (Start: 67 @144692 has 3 MA's), (73, 144704), (91, 144746), (116, 144809), (124, 144830), (Start: 160 @144914 has 1 MA's), (Start: 184 @144956 has 1 MA's), (187, 144968), (189, 144983), (210, 145052), (220, 145079), (244, 145133), (261, 145178), (262, 145181), (288, 145259), (299, 145280), (343, 145391), (386, 145481), (392, 145499), (430, 145571), (448, 145604),

Gene: Moby_249 Start: 143397, Stop: 144425, Start Num: 57
Candidate Starts for Moby_249:
(Start: 57 @143397 has 189 MA's), (Start: 67 @143427 has 3 MA's), (91, 143481), (116, 143544), (124, 143565), (Start: 160 @143649 has 1 MA's), (Start: 184 @143691 has 1 MA's), (187, 143703), (189, 143718), (210, 143787), (220, 143814), (244, 143868), (261, 143913), (262, 143916), (288, 143994), (299, 144015), (343, 144126), (386, 144216), (392, 144234), (430, 144306), (448, 144339),

Gene: Modragons_31 Start: 27572, Stop: 28573, Start Num: 63
Candidate Starts for Modragons_31:
(1, 26951), (3, 27029), (7, 27092), (15, 27131), (21, 27263), (24, 27284), (28, 27320), (37, 27473), (Start: 63 @27572 has 221 MA's), (Start: 67 @27593 has 3 MA's), (73, 27605), (91, 27647), (Start: 102 @27680 has 1 MA's), (116, 27710), (124, 27731), (Start: 160 @27815 has 1 MA's), (Start: 174 @27839 has 20 MA's), (Start: 184 @27854 has 1 MA's), (187, 27866), (220, 27977), (270, 28091), (277, 28109), (294, 28148), (304, 28172), (317, 28208), (322, 28235), (343, 28274), (392, 28382), (416, 28430), (424, 28442), (446, 28484), (448, 28487), (455, 28499), (470, 28529),

Gene: Moiqah_248 Start: 143374, Stop: 144402, Start Num: 57
Candidate Starts for Moiqah_248:
(Start: 57 @143374 has 189 MA's), (Start: 67 @143404 has 3 MA's), (91, 143458), (116, 143521), (124, 143542), (Start: 160 @143626 has 1 MA's), (Start: 184 @143668 has 1 MA's), (187, 143680), (189, 143695), (210, 143764), (220, 143791), (244, 143845), (261, 143890), (262, 143893), (288, 143971), (299, 143992), (343, 144103), (386, 144193), (392, 144211), (430, 144283), (448, 144316),

Gene: Molivier_28 Start: 26300, Stop: 27271, Start Num: 80
Candidate Starts for Molivier_28:
(Start: 80 @26300 has 47 MA's), (99, 26354), (156, 26504), (Start: 163 @26513 has 3 MA's), (167, 26519), (Start: 184 @26552 has 1 MA's), (185, 26555), (187, 26564), (190, 26585), (210, 26648), (220, 26675), (228, 26699), (244, 26729), (270, 26780), (274, 26792), (305, 26855), (309, 26870), (321, 26930), (327, 26945), (364, 27026), (373, 27044), (375, 27047), (376, 27050), (424, 27101), (448, 27146), (465, 27188), (485, 27230),

Gene: Molly_11 Start: 5789, Stop: 6757, Start Num: 71
Candidate Starts for Molly_11:
(Start: 71 @5789 has 225 MA's), (Start: 87 @5822 has 5 MA's), (92, 5840), (Start: 94 @5843 has 1 MA's), (203, 6110), (220, 6161), (223, 6173), (264, 6248), (284, 6311), (289, 6323), (299, 6344), (309, 6374), (317, 6392), (321, 6416), (343, 6455), (384, 6536), (392, 6560), (393, 6563), (394, 6566), (402, 6575), (446, 6662), (470, 6707), (490, 6749),

Gene: Momo_254 Start: 143793, Stop: 144821, Start Num: 57
Candidate Starts for Momo_254:
(Start: 57 @143793 has 189 MA's), (Start: 67 @143823 has 3 MA's), (73, 143835), (91, 143877), (116, 143940), (124, 143961), (Start: 160 @144045 has 1 MA's), (Start: 184 @144087 has 1 MA's), (187, 144099), (189, 144114), (210, 144183), (220, 144210), (244, 144264), (261, 144309), (262, 144312), (288, 144390), (299, 144411), (343, 144522), (386, 144612), (392, 144630), (430, 144702), (448, 144735),

Gene: Monet_11 Start: 6484, Stop: 7452, Start Num: 71
Candidate Starts for Monet_11:
(Start: 71 @6484 has 225 MA's), (Start: 87 @6517 has 5 MA's), (92, 6535), (203, 6805), (220, 6856), (223, 6868), (264, 6943), (284, 7006), (289, 7018), (299, 7039), (304, 7051), (309, 7069), (317, 7087), (321, 7111), (343, 7150), (384, 7231), (392, 7255), (393, 7258), (394, 7261), (402, 7270), (446, 7357), (457, 7381), (470, 7402), (490, 7444),

Gene: MoneyMay_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for MoneyMay_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Montavir_11 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for Montavir_11:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Montpel_249 Start: 144945, Stop: 145979, Start Num: 57
Candidate Starts for Montpel_249:
(Start: 57 @144945 has 189 MA's), (Start: 67 @144975 has 3 MA's), (91, 145029), (116, 145092), (124, 145113), (Start: 160 @145197 has 1 MA's), (Start: 184 @145239 has 1 MA's), (187, 145251), (189, 145266), (210, 145335), (220, 145362), (244, 145416), (261, 145461), (262, 145464), (288, 145542), (299, 145563), (343, 145674), (386, 145764), (392, 145782), (430, 145854), (448, 145887), (493, 145974),

Gene: MontyDev_39 Start: 34993, Stop: 36042, Start Num: 63
Candidate Starts for MontyDev_39:
(Start: 63 @34993 has 221 MA's), (95, 35077), (97, 35086), (105, 35110), (116, 35140), (124, 35161), (140, 35197), (147, 35218), (151, 35227), (Start: 160 @35245 has 1 MA's), (190, 35314), (245, 35467), (277, 35566), (317, 35665), (340, 35719), (413, 35872), (426, 35896), (430, 35905), (454, 35947), (455, 35950), (457, 35956), (460, 35965), (483, 36001), (488, 36010), (493, 36019),

Gene: MooMoo_29 Start: 26730, Stop: 27749, Start Num: 63
Candidate Starts for MooMoo_29:

(Start: 63 @26730 has 221 MA's), (Start: 67 @26751 has 3 MA's), (Start: 70 @26757 has 1 MA's), (91, 26805), (116, 26868), (124, 26889), (Start: 160 @26973 has 1 MA's), (Start: 184 @27015 has 1 MA's), (185, 27018), (187, 27027), (200, 27084), (203, 27093), (220, 27138), (264, 27225), (274, 27264), (299, 27321), (309, 27351), (324, 27402), (343, 27432), (402, 27555), (419, 27597), (420, 27600), (431, 27624), (434, 27630), (436, 27636), (437, 27639), (448, 27660),

Gene: Moonbeam_32 Start: 28207, Stop: 29208, Start Num: 63
Candidate Starts for Moonbeam_32:
(Start: 63 @28207 has 221 MA's), (91, 28282), (Start: 102 @28315 has 1 MA's), (116, 28345), (121, 28354), (124, 28366), (Start: 160 @28450 has 1 MA's), (Start: 174 @28474 has 20 MA's), (Start: 184 @28489 has 1 MA's), (187, 28501), (220, 28612), (270, 28726), (277, 28744), (294, 28783), (304, 28807), (317, 28843), (322, 28870), (343, 28909), (392, 29017), (416, 29065), (424, 29077), (448, 29122), (455, 29134), (470, 29164),

Gene: Moose_9 Start: 6022, Stop: 6990, Start Num: 71
Candidate Starts for Moose_9:
(Start: 71 @6022 has 225 MA's), (Start: 87 @6055 has 5 MA's), (92, 6073), (Start: 94 @6076 has 1 MA's), (203, 6343), (220, 6394), (223, 6406), (264, 6481), (284, 6544), (299, 6577), (304, 6589), (309, 6607), (317, 6625), (321, 6649), (343, 6688), (384, 6769), (392, 6793), (393, 6796), (394, 6799), (402, 6808), (446, 6895), (470, 6940), (490, 6982),

Gene: Moostard_28 Start: 26853, Stop: 27896, Start Num: 80
Candidate Starts for Moostard_28:
(Start: 80 @26853 has 47 MA's), (Start: 83 @26859 has 55 MA's), (92, 26886), (99, 26907), (115, 26958), (149, 27039), (191, 27144), (218, 27225), (220, 27231), (267, 27327), (272, 27345), (274, 27351), (277, 27357), (309, 27429), (325, 27486), (353, 27546), (385, 27621), (392, 27642), (410, 27666), (418, 27681), (426, 27693), (455, 27750), (495, 27852), (501, 27873),

Gene: Mori_67 Start: 43460, Stop: 44500, Start Num: 62
Candidate Starts for Mori_67:
(Start: 62 @43460 has 32 MA's), (91, 43535), (116, 43616), (119, 43622), (124, 43637), (158, 43718), (Start: 160 @43721 has 1 MA's), (187, 43775), (189, 43790), (220, 43886), (235, 43925), (248, 43955), (261, 43985), (262, 43988), (271, 44021), (299, 44087), (311, 44126), (317, 44135), (322, 44162), (343, 44201), (428, 44375), (455, 44426),

Gene: Morizzled23_250 Start: 143609, Stop: 144637, Start Num: 57
Candidate Starts for Morizzled23_250:
(Start: 57 @143609 has 189 MA's), (Start: 67 @143639 has 3 MA's), (73, 143651), (91, 143693), (116, 143756), (124, 143777), (Start: 160 @143861 has 1 MA's), (Start: 184 @143903 has 1 MA's), (187, 143915), (189, 143930), (210, 143999), (220, 144026), (244, 144080), (261, 144125), (262, 144128), (264, 144131), (288, 144206), (299, 144227), (343, 144338), (386, 144428), (392, 144446), (430, 144518), (448, 144551),

Gene: Morpher26_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for Morpher26_10:
(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (220, 6247), (223, 6259), (237, 6289), (251, 6310), (265, 6331), (280, 6379), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: Morrow_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Morrow_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269,

6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: Mortcellus_46 Start: 42171, Stop: 43235, Start Num: 52
Candidate Starts for Mortcellus_46:
(Start: 52 @42171 has 53 MA's), (Start: 77 @42234 has 3 MA's), (110, 42315), (138, 42381), (144, 42396), (147, 42408), (161, 42435), (188, 42492), (190, 42501), (242, 42648), (251, 42663), (269, 42717), (282, 42750), (301, 42789), (305, 42801), (331, 42882), (343, 42900), (344, 42903), (369, 42948), (416, 43059), (475, 43170), (486, 43191), (499, 43224),

Gene: Morty007_47 Start: 42315, Stop: 43379, Start Num: 52
Candidate Starts for Morty007_47:
(Start: 52 @42315 has 53 MA's), (Start: 77 @42378 has 3 MA's), (110, 42459), (138, 42525), (144, 42540), (147, 42552), (161, 42579), (188, 42636), (190, 42645), (242, 42792), (251, 42807), (269, 42861), (282, 42894), (301, 42933), (305, 42945), (331, 43026), (343, 43044), (344, 43047), (369, 43092), (416, 43203), (475, 43314), (486, 43335), (499, 43368),

Gene: Mova_32 Start: 27350, Stop: 28348, Start Num: 55
Candidate Starts for Mova_32:
(Start: 55 @27350 has 35 MA's), (91, 27425), (116, 27485), (124, 27506), (Start: 160 @27590 has 1 MA's), (187, 27641), (189, 27656), (220, 27752), (269, 27863), (277, 27884), (294, 27923), (299, 27935), (317, 27983), (322, 28010), (333, 28034), (343, 28049), (392, 28157), (416, 28205), (455, 28274), (470, 28304),

Gene: Mozy_33 Start: 28396, Stop: 29397, Start Num: 63
Candidate Starts for Mozy_33:
(41, 28342), (45, 28351), (Start: 63 @28396 has 221 MA's), (Start: 67 @28417 has 3 MA's), (91, 28471), (Start: 102 @28504 has 1 MA's), (116, 28534), (124, 28555), (Start: 160 @28639 has 1 MA's), (Start: 174 @28663 has 20 MA's), (Start: 184 @28678 has 1 MA's), (187, 28690), (220, 28801), (270, 28915), (277, 28933), (294, 28972), (304, 28996), (317, 29032), (322, 29059), (343, 29098), (369, 29146), (392, 29206), (416, 29254), (424, 29266), (448, 29311), (455, 29323), (470, 29353),

Gene: MrGordo_10 Start: 5741, Stop: 6709, Start Num: 71
Candidate Starts for MrGordo_10:
(Start: 71 @5741 has 225 MA's), (Start: 87 @5774 has 5 MA's), (92, 5792), (Start: 94 @5795 has 1 MA's), (Start: 184 @5984 has 1 MA's), (203, 6062), (210, 6080), (220, 6113), (223, 6125), (264, 6200), (284, 6263), (299, 6296), (309, 6326), (317, 6344), (321, 6368), (343, 6407), (384, 6488), (392, 6512), (393, 6515), (394, 6518), (402, 6527), (446, 6614), (470, 6659), (490, 6701),

Gene: MrMagoo_43 Start: 32893, Stop: 33870, Start Num: 84
Candidate Starts for MrMagoo_43:
(Start: 84 @32893 has 125 MA's), (Start: 94 @32920 has 1 MA's), (141, 33043), (152, 33073), (185, 33130), (187, 33139), (196, 33184), (200, 33196), (211, 33226), (220, 33250), (226, 33268), (238, 33295), (262, 33334), (273, 33373), (274, 33376), (313, 33463), (320, 33478), (384, 33631), (385, 33634), (388, 33643), (392, 33655), (395, 33664), (409, 33685), (416, 33706), (456, 33781),

Gene: Mryolo_9 Start: 5771, Stop: 6739, Start Num: 71
Candidate Starts for Mryolo_9:
(Start: 71 @5771 has 225 MA's), (Start: 87 @5804 has 5 MA's), (92, 5822), (Start: 94 @5825 has 1 MA's), (203, 6092), (220, 6143), (223, 6155), (264, 6230), (284, 6293), (299, 6326), (304, 6338), (309, 6356), (317, 6374), (321, 6398), (343, 6437), (384, 6518), (392, 6542), (393, 6545), (394, 6548), (402, 6557), (446, 6644), (490, 6731),

Gene: Ms6_25 Start: 23131, Stop: 24129, Start Num: 55

Candidate Starts for Ms6_25:
(Start: 55 @23131 has 35 MA's), (91, 23206), (116, 23266), (124, 23287), (Start: 160 @23371 has 1 MA's), (187, 23422), (189, 23437), (220, 23533), (269, 23644), (277, 23665), (294, 23704), (299, 23716), (317, 23764), (322, 23791), (333, 23815), (343, 23830), (392, 23938), (416, 23986), (455, 24055), (470, 24085),

Gene: MsGreen_28 Start: 26850, Stop: 27893, Start Num: 80
Candidate Starts for MsGreen_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: MuchMore_14 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for MuchMore_14:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: Mulaychimus_47 Start: 41501, Stop: 42565, Start Num: 52
Candidate Starts for Mulaychimus_47:
(Start: 52 @41501 has 53 MA's), (Start: 77 @41564 has 3 MA's), (110, 41645), (138, 41711), (144, 41726), (147, 41738), (161, 41765), (188, 41822), (190, 41831), (242, 41978), (251, 41993), (269, 42047), (282, 42080), (301, 42119), (305, 42131), (331, 42212), (343, 42230), (344, 42233), (369, 42278), (416, 42389), (475, 42500), (486, 42521), (499, 42554),

Gene: MulchExplorer_33 Start: 28644, Stop: 29645, Start Num: 63
Candidate Starts for MulchExplorer_33:
(Start: 63 @28644 has 221 MA's), (91, 28719), (Start: 102 @28752 has 1 MA's), (116, 28782), (124, 28803), (138, 28833), (142, 28845), (Start: 160 @28887 has 1 MA's), (Start: 174 @28911 has 20 MA's), (Start: 184 @28926 has 1 MA's), (187, 28938), (220, 29049), (270, 29163), (277, 29181), (294, 29220), (304, 29244), (317, 29280), (322, 29307), (343, 29346), (392, 29454), (416, 29502), (424, 29514), (448, 29559), (455, 29571), (470, 29601),

Gene: MulchSalad_28 Start: 24409, Stop: 25410, Start Num: 63
Candidate Starts for MulchSalad_28:
(39, 24364), (42, 24373), (Start: 63 @24409 has 221 MA's), (Start: 82 @24463 has 12 MA's), (91, 24484), (Start: 102 @24517 has 1 MA's), (116, 24547), (124, 24568), (Start: 160 @24652 has 1 MA's), (Start: 174 @24676 has 20 MA's), (Start: 184 @24691 has 1 MA's), (187, 24703), (220, 24814), (277, 24946), (294, 24985), (304, 25009), (317, 25045), (322, 25072), (333, 25096), (343, 25111), (392, 25219), (416, 25267), (455, 25336), (470, 25366),

Gene: Mule_10 Start: 6057, Stop: 7025, Start Num: 71
Candidate Starts for Mule_10:
(Start: 71 @6057 has 225 MA's), (Start: 87 @6090 has 5 MA's), (92, 6108), (Start: 94 @6111 has 1 MA's), (203, 6378), (220, 6429), (223, 6441), (264, 6516), (284, 6579), (289, 6591), (299, 6612), (304, 6624), (309, 6642), (317, 6660), (321, 6684), (343, 6723), (384, 6804), (392, 6828), (393, 6831), (394, 6834), (402, 6843), (446, 6930), (490, 7017),

Gene: Mundrea_10 Start: 5843, Stop: 6823, Start Num: 84
Candidate Starts for Mundrea_10:
(Start: 84 @5843 has 125 MA's), (Start: 94 @5870 has 1 MA's), (Start: 101 @5891 has 1 MA's), (Start: 102 @5894 has 1 MA's), (186, 6074), (200, 6143), (210, 6170), (220, 6200), (223, 6212), (237, 6242),

(265, 6284), (269, 6305), (280, 6332), (296, 6362), (306, 6389), (307, 6395), (363, 6539), (421, 6674), (429, 6683), (456, 6740), (491, 6815),

Gene: Murai_68 Start: 43641, Stop: 44681, Start Num: 62
Candidate Starts for Murai_68:
(Start: 62 @43641 has 32 MA's), (91, 43716), (116, 43797), (119, 43803), (124, 43818), (158, 43899), (Start: 160 @43902 has 1 MA's), (187, 43956), (189, 43971), (220, 44067), (235, 44106), (248, 44136), (261, 44166), (262, 44169), (271, 44202), (299, 44268), (311, 44307), (317, 44316), (322, 44343), (343, 44382), (428, 44556), (455, 44607),

Gene: Murucutumbu_31 Start: 26406, Stop: 27278, Start Num: 176
Candidate Starts for Murucutumbu_31:
(125, 26304), (157, 26379), (Start: 176 @26406 has 165 MA's), (Start: 184 @26418 has 1 MA's), (200, 26487), (210, 26514), (217, 26544), (220, 26553), (233, 26589), (238, 26598), (257, 26631), (264, 26649), (301, 26739), (350, 26874), (364, 26901), (373, 26922), (381, 26946), (398, 26997), (419, 27099), (442, 27135), (455, 27159), (495, 27258), (498, 27267),

Gene: Museum_11 Start: 5573, Stop: 6541, Start Num: 71
Candidate Starts for Museum_11:
(Start: 71 @5573 has 225 MA's), (Start: 87 @5606 has 5 MA's), (92, 5624), (Start: 94 @5627 has 1 MA's), (203, 5894), (220, 5945), (223, 5957), (264, 6032), (284, 6095), (289, 6107), (299, 6128), (304, 6140), (309, 6158), (317, 6176), (321, 6200), (343, 6239), (384, 6320), (392, 6344), (393, 6347), (394, 6350), (402, 6359), (446, 6446), (490, 6533),

Gene: Mutaforma13_31 Start: 27781, Stop: 28782, Start Num: 63
Candidate Starts for Mutaforma13_31:
(Start: 63 @27781 has 221 MA's), (91, 27856), (Start: 102 @27889 has 1 MA's), (116, 27919), (124, 27940), (138, 27970), (142, 27982), (Start: 160 @28024 has 1 MA's), (Start: 174 @28048 has 20 MA's), (Start: 184 @28063 has 1 MA's), (187, 28075), (189, 28090), (220, 28186), (269, 28297), (277, 28318), (294, 28357), (299, 28369), (317, 28417), (322, 28444), (333, 28468), (343, 28483), (392, 28591), (416, 28639), (455, 28708), (470, 28738),

Gene: Mwanjiwa_31 Start: 27650, Stop: 28651, Start Num: 63
Candidate Starts for Mwanjiwa_31:
(37, 27551), (Start: 63 @27650 has 221 MA's), (Start: 67 @27671 has 3 MA's), (73, 27683), (91, 27725), (Start: 102 @27758 has 1 MA's), (116, 27788), (124, 27809), (Start: 160 @27893 has 1 MA's), (Start: 174 @27917 has 20 MA's), (Start: 184 @27932 has 1 MA's), (187, 27944), (220, 28055), (270, 28169), (277, 28187), (294, 28226), (304, 28250), (317, 28286), (322, 28313), (343, 28352), (392, 28460), (416, 28508), (424, 28520), (448, 28565), (455, 28577), (470, 28607),

Gene: Mynx_31 Start: 26477, Stop: 27349, Start Num: 176
Candidate Starts for Mynx_31:
(157, 26450), (Start: 176 @26477 has 165 MA's), (Start: 184 @26489 has 1 MA's), (200, 26558), (210, 26585), (217, 26615), (220, 26624), (233, 26660), (238, 26669), (257, 26702), (264, 26720), (271, 26750), (301, 26810), (350, 26945), (364, 26972), (373, 26993), (381, 27017), (398, 27068), (419, 27170), (442, 27206), (455, 27230), (495, 27329), (498, 27338),

Gene: NEHalo_10 Start: 5583, Stop: 6551, Start Num: 71
Candidate Starts for NEHalo_10:
(Start: 71 @5583 has 225 MA's), (Start: 87 @5616 has 5 MA's), (92, 5634), (Start: 94 @5637 has 1 MA's), (203, 5904), (220, 5955), (223, 5967), (264, 6042), (284, 6105), (289, 6117), (299, 6138), (309, 6168), (317, 6186), (321, 6210), (343, 6249), (384, 6330), (392, 6354), (393, 6357), (394, 6360), (402, 6369), (446, 6456), (490, 6543),

Gene: NaSiaTalie_11 Start: 6481, Stop: 7458, Start Num: 72
Candidate Starts for NaSiaTalie_11:
(Start: 72 @6481 has 61 MA's), (Start: 94 @6535 has 1 MA's), (119, 6592), (189, 6724), (200, 6772), (220, 6829), (233, 6865), (264, 6913), (274, 6952), (305, 7024), (309, 7039), (322, 7084), (330, 7102), (348, 7144), (369, 7192), (381, 7219), (386, 7234), (392, 7252), (393, 7255), (440, 7345),

Gene: Naca_8 Start: 5264, Stop: 6073, Start Num: 181
Candidate Starts for Naca_8:
(148, 5201), (170, 5240), (Start: 181 @5264 has 57 MA's), (194, 5327), (213, 5393), (230, 5441), (322, 5711), (343, 5753), (355, 5792), (362, 5810), (376, 5840), (486, 6038),

Gene: Naija_253 Start: 144496, Stop: 145524, Start Num: 57
Candidate Starts for Naija_253:
(Start: 57 @144496 has 189 MA's), (Start: 67 @144526 has 3 MA's), (73, 144538), (91, 144580), (116, 144643), (124, 144664), (Start: 160 @144748 has 1 MA's), (Start: 184 @144790 has 1 MA's), (187, 144802), (189, 144817), (210, 144886), (220, 144913), (244, 144967), (261, 145012), (262, 145015), (288, 145093), (299, 145114), (343, 145225), (386, 145315), (392, 145333), (430, 145405), (448, 145438),

Gene: Naira_10 Start: 5962, Stop: 6930, Start Num: 71
Candidate Starts for Naira_10:
(Start: 71 @5962 has 225 MA's), (Start: 87 @5995 has 5 MA's), (92, 6013), (Start: 94 @6016 has 1 MA's), (203, 6283), (220, 6334), (223, 6346), (264, 6421), (284, 6484), (299, 6517), (309, 6547), (343, 6628), (384, 6709), (392, 6733), (393, 6736), (394, 6739), (402, 6748), (446, 6835), (490, 6922),

Gene: Naji_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for Naji_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: Nanosmite_43 Start: 32726, Stop: 33703, Start Num: 84
Candidate Starts for Nanosmite_43:
(Start: 84 @32726 has 125 MA's), (Start: 94 @32753 has 1 MA's), (98, 32768), (196, 33017), (200, 33029), (220, 33083), (244, 33140), (262, 33167), (273, 33206), (274, 33209), (313, 33296), (320, 33311), (324, 33329), (384, 33464), (385, 33467), (392, 33488), (448, 33596), (466, 33638),

Gene: Napoleon13_249 Start: 143525, Stop: 144553, Start Num: 57
Candidate Starts for Napoleon13_249:
(Start: 57 @143525 has 189 MA's), (Start: 67 @143555 has 3 MA's), (73, 143567), (91, 143609), (116, 143672), (124, 143693), (Start: 160 @143777 has 1 MA's), (Start: 184 @143819 has 1 MA's), (187, 143831), (189, 143846), (210, 143915), (220, 143942), (244, 143996), (261, 144041), (262, 144044), (288, 144122), (299, 144143), (343, 144254), (386, 144344), (392, 144362), (430, 144434), (448, 144467),

Gene: Nappy_251 Start: 145602, Stop: 146630, Start Num: 57
Candidate Starts for Nappy_251:
(Start: 57 @145602 has 189 MA's), (Start: 67 @145632 has 3 MA's), (73, 145644), (91, 145686), (116, 145749), (124, 145770), (Start: 160 @145854 has 1 MA's), (Start: 184 @145896 has 1 MA's), (187, 145908), (189, 145923), (210, 145992), (220, 146019), (244, 146073), (261, 146118), (262, 146121), (288, 146199), (299, 146220), (343, 146331), (386, 146421), (392, 146439), (430, 146511), (448, 146544),

Gene: Naval22_259 Start: 146276, Stop: 147304, Start Num: 57
Candidate Starts for Naval22_259:
(Start: 57 @146276 has 189 MA's), (Start: 67 @146306 has 3 MA's), (73, 146318), (91, 146360), (116, 146423), (124, 146444), (Start: 160 @146528 has 1 MA's), (Start: 184 @146570 has 1 MA's), (187, 146582), (189, 146597), (210, 146666), (220, 146693), (244, 146747), (261, 146792), (262, 146795), (288, 146873), (299, 146894), (343, 147005), (386, 147095), (392, 147113), (430, 147185), (448, 147218),

Gene: NearlyHeadless_8 Start: 4875, Stop: 5684, Start Num: 181
Candidate Starts for NearlyHeadless_8:
(Start: 181 @4875 has 57 MA's), (202, 4959), (213, 5004), (236, 5064), (260, 5130), (276, 5178), (292, 5217), (343, 5364), (355, 5403), (362, 5421), (378, 5454), (382, 5472), (444, 5541), (495, 5670),

Gene: Nebkiss_35 Start: 30289, Stop: 31287, Start Num: 63
Candidate Starts for Nebkiss_35:
(Start: 63 @30289 has 221 MA's), (91, 30364), (116, 30427), (124, 30448), (158, 30529), (Start: 160 @30532 has 1 MA's), (172, 30553), (Start: 174 @30556 has 20 MA's), (186, 30577), (189, 30598), (191, 30610), (196, 30628), (220, 30694), (289, 30856), (296, 30868), (299, 30877), (301, 30880), (304, 30889), (309, 30907), (321, 30949), (341, 30982), (343, 30985), (344, 30988), (369, 31033), (384, 31066), (391, 31087), (392, 31090), (393, 31093), (402, 31105), (416, 31138), (418, 31141), (424, 31150), (436, 31171), (446, 31192), (448, 31195), (455, 31207), (486, 31270), (491, 31279),

Gene: Nebs_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Nebs_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: NedWong_251 Start: 144954, Stop: 145982, Start Num: 57
Candidate Starts for NedWong_251:
(Start: 57 @144954 has 189 MA's), (Start: 67 @144984 has 3 MA's), (73, 144996), (91, 145038), (116, 145101), (124, 145122), (Start: 160 @145206 has 1 MA's), (Start: 184 @145248 has 1 MA's), (187, 145260), (189, 145275), (210, 145344), (220, 145371), (244, 145425), (261, 145470), (262, 145473), (288, 145551), (299, 145572), (343, 145683), (386, 145773), (392, 145791), (430, 145863), (448, 145896),

Gene: Neighly_31 Start: 27037, Stop: 27786, Start Num: 184
Candidate Starts for Neighly_31:
(148, 26977), (Start: 174 @27025 has 20 MA's), (Start: 184 @27037 has 1 MA's), (186, 27043), (190, 27070), (200, 27106), (218, 27166), (220, 27172), (231, 27202), (233, 27208), (238, 27217), (257, 27250), (269, 27292), (270, 27295), (274, 27307), (295, 27343), (301, 27358), (311, 27394), (350, 27493), (364, 27520), (373, 27541), (419, 27604), (436, 27628), (448, 27652), (473, 27721), (495, 27766), (498, 27775),

Gene: Nekros_47 Start: 41446, Stop: 42318, Start Num: 154
Candidate Starts for Nekros_47:
(Start: 154 @41446 has 32 MA's), (Start: 171 @41473 has 1 MA's), (189, 41533), (201, 41581), (220, 41647), (227, 41668), (241, 41689), (261, 41743), (290, 41824), (391, 42103), (392, 42106), (412, 42130), (438, 42166), (445, 42181), (453, 42193), (459, 42214),

Gene: Nemo27_10 Start: 5931, Stop: 6860, Start Num: 102
Candidate Starts for Nemo27_10:

(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (296, 6399), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Neos5_47 Start: 42330, Stop: 43394, Start Num: 52
Candidate Starts for Neos5_47:
(Start: 52 @42330 has 53 MA's), (Start: 77 @42393 has 3 MA's), (110, 42474), (138, 42540), (144, 42555), (147, 42567), (161, 42594), (188, 42651), (190, 42660), (242, 42807), (251, 42822), (269, 42876), (282, 42909), (301, 42948), (305, 42960), (331, 43041), (343, 43059), (344, 43062), (369, 43107), (416, 43218), (475, 43329), (486, 43350), (499, 43383),

Gene: Nergal_27 Start: 24122, Stop: 24985, Start Num: 177
Candidate Starts for Nergal_27:
(133, 24038), (148, 24071), (Start: 177 @24122 has 9 MA's), (Start: 184 @24134 has 1 MA's), (186, 24140), (190, 24167), (200, 24203), (203, 24212), (217, 24251), (220, 24260), (233, 24296), (238, 24305), (264, 24356), (301, 24446), (350, 24581), (360, 24596), (364, 24608), (373, 24629), (381, 24653), (387, 24671), (397, 24701), (419, 24806), (444, 24845), (454, 24863), (495, 24965), (498, 24974),

Gene: Nerujay_11 Start: 6472, Stop: 7386, Start Num: 94
Candidate Starts for Nerujay_11:
(Start: 71 @6418 has 225 MA's), (Start: 87 @6451 has 5 MA's), (92, 6469), (Start: 94 @6472 has 1 MA's), (203, 6739), (220, 6790), (223, 6802), (264, 6877), (284, 6940), (299, 6973), (304, 6985), (309, 7003), (317, 7021), (321, 7045), (343, 7084), (384, 7165), (392, 7189), (393, 7192), (394, 7195), (402, 7204), (470, 7336), (490, 7378),

Gene: Netyap_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Netyap_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: NewHope4_35 Start: 28337, Stop: 29338, Start Num: 63
Candidate Starts for NewHope4_35:
(Start: 63 @28337 has 221 MA's), (91, 28412), (Start: 102 @28445 has 1 MA's), (116, 28475), (124, 28496), (Start: 160 @28580 has 1 MA's), (187, 28631), (189, 28646), (220, 28742), (269, 28853), (277, 28874), (294, 28913), (299, 28925), (317, 28973), (322, 29000), (333, 29024), (343, 29039), (392, 29147), (416, 29195), (455, 29264), (470, 29294),

Gene: Ngannou_247 Start: 143478, Stop: 144506, Start Num: 57
Candidate Starts for Ngannou_247:
(Start: 57 @143478 has 189 MA's), (Start: 67 @143508 has 3 MA's), (73, 143520), (91, 143562), (116, 143625), (124, 143646), (Start: 160 @143730 has 1 MA's), (Start: 184 @143772 has 1 MA's), (187, 143784), (189, 143799), (210, 143868), (220, 143895), (244, 143949), (261, 143994), (262, 143997), (288, 144075), (299, 144096), (343, 144207), (386, 144297), (392, 144315), (430, 144387), (448, 144420),

Gene: Nhonho_10 Start: 5867, Stop: 6835, Start Num: 71
Candidate Starts for Nhonho_10:

(Start: 71 @5867 has 225 MA's), (Start: 87 @5900 has 5 MA's), (92, 5918), (Start: 94 @5921 has 1 MA's), (203, 6188), (220, 6239), (223, 6251), (264, 6326), (284, 6389), (299, 6422), (309, 6452), (317, 6470), (321, 6494), (343, 6533), (384, 6614), (392, 6638), (393, 6641), (394, 6644), (402, 6653), (446, 6740), (490, 6827),

Gene: Nibb_30 Start: 25727, Stop: 26467, Start Num: 176
Candidate Starts for Nibb_30:
(125, 25625), (133, 25646), (148, 25679), (157, 25700), (Start: 176 @25727 has 165 MA's), (190, 25772), (200, 25808), (220, 25865), (233, 25901), (257, 25943), (301, 26051), (364, 26213), (376, 26240), (381, 26258), (413, 26270), (418, 26282), (442, 26324), (454, 26345), (455, 26348), (495, 26447), (498, 26456),

Gene: Nibley_43 Start: 37468, Stop: 38340, Start Num: 154
Candidate Starts for Nibley_43:
(Start: 154 @37468 has 32 MA's), (Start: 171 @37495 has 1 MA's), (189, 37555), (207, 37624), (218, 37663), (220, 37669), (241, 37711), (261, 37765), (290, 37846), (326, 37969), (344, 37996), (391, 38125), (392, 38128), (438, 38188), (445, 38203), (453, 38215), (459, 38236), (463, 38248), (489, 38308),

Gene: Nichirin_31 Start: 27756, Stop: 28757, Start Num: 63
Candidate Starts for Nichirin_31:
(1, 27135), (3, 27213), (7, 27276), (15, 27315), (21, 27447), (24, 27468), (28, 27504), (37, 27657), (Start: 63 @27756 has 221 MA's), (Start: 67 @27777 has 3 MA's), (73, 27789), (91, 27831), (Start: 102 @27864 has 1 MA's), (116, 27894), (124, 27915), (Start: 160 @27999 has 1 MA's), (Start: 174 @28023 has 20 MA's), (Start: 184 @28038 has 1 MA's), (187, 28050), (207, 28122), (220, 28161), (270, 28275), (277, 28293), (294, 28332), (304, 28356), (317, 28392), (322, 28419), (343, 28458), (392, 28566), (424, 28626), (446, 28668), (448, 28671), (455, 28683), (470, 28713),

Gene: Nicholas_28 Start: 26850, Stop: 27893, Start Num: 80
Candidate Starts for Nicholas_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: Nicholasp3_28 Start: 26305, Stop: 27276, Start Num: 80
Candidate Starts for Nicholasp3_28:
(Start: 80 @26305 has 47 MA's), (99, 26359), (144, 26479), (156, 26509), (167, 26524), (Start: 184 @26557 has 1 MA's), (185, 26560), (187, 26569), (190, 26590), (210, 26653), (220, 26680), (228, 26704), (244, 26734), (270, 26785), (274, 26797), (305, 26860), (309, 26875), (321, 26935), (327, 26950), (364, 27031), (373, 27049), (375, 27052), (376, 27055), (424, 27106), (448, 27151), (465, 27193), (485, 27235),

Gene: NicoleTera_15 Start: 8178, Stop: 9164, Start Num: 83
Candidate Starts for NicoleTera_15:
(Start: 83 @8178 has 55 MA's), (92, 8205), (Start: 94 @8208 has 1 MA's), (Start: 96 @8211 has 1 MA's), (Start: 102 @8232 has 1 MA's), (196, 8469), (200, 8481), (220, 8538), (223, 8550), (228, 8562), (262, 8616), (299, 8709), (306, 8727), (363, 8877), (391, 8952), (405, 8970), (421, 9012), (456, 9084),

Gene: Nidhogg_253 Start: 145322, Stop: 146350, Start Num: 57
Candidate Starts for Nidhogg_253:
(Start: 57 @145322 has 189 MA's), (Start: 67 @145352 has 3 MA's), (73, 145364), (91, 145406), (116, 145469), (124, 145490), (Start: 160 @145574 has 1 MA's), (Start: 184 @145616 has 1 MA's), (187,

145628), (189, 145643), (210, 145712), (220, 145739), (244, 145793), (261, 145838), (262, 145841), (288, 145919), (299, 145940), (343, 146051), (386, 146141), (392, 146159), (430, 146231), (448, 146264),

Gene: NiebruSaylor_66 Start: 42848, Stop: 43888, Start Num: 62
Candidate Starts for NiebruSaylor_66:
(Start: 62 @42848 has 32 MA's), (91, 42923), (116, 43004), (119, 43010), (124, 43025), (158, 43106), (Start: 160 @43109 has 1 MA's), (187, 43163), (189, 43178), (220, 43274), (235, 43313), (248, 43343), (261, 43373), (262, 43376), (271, 43409), (299, 43475), (311, 43514), (317, 43523), (322, 43550), (343, 43589), (428, 43763), (455, 43814),

Gene: NihilNomen_48 Start: 42652, Stop: 43518, Start Num: 154
Candidate Starts for NihilNomen_48:
(Start: 154 @42652 has 32 MA's), (Start: 171 @42679 has 1 MA's), (Start: 181 @42700 has 57 MA's), (201, 42787), (207, 42808), (220, 42853), (227, 42874), (241, 42895), (261, 42949), (277, 43000), (298, 43051), (351, 43201), (366, 43243), (385, 43294), (392, 43312), (441, 43378), (447, 43390), (453, 43399), (462, 43429), (489, 43492),

Gene: Nikao_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Nikao_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Niklas_31 Start: 25853, Stop: 26614, Start Num: 176
Candidate Starts for Niklas_31:
(157, 25823), (Start: 176 @25853 has 165 MA's), (190, 25898), (200, 25934), (218, 25994), (220, 26000), (231, 26030), (233, 26036), (238, 26045), (257, 26078), (269, 26120), (295, 26171), (301, 26186), (350, 26321), (364, 26348), (373, 26369), (376, 26375), (381, 26393), (418, 26426), (419, 26432), (448, 26480), (474, 26552), (495, 26594), (498, 26603),

Gene: Nilo_40 Start: 35349, Stop: 36398, Start Num: 63
Candidate Starts for Nilo_40:
(Start: 63 @35349 has 221 MA's), (95, 35433), (97, 35442), (105, 35466), (116, 35496), (124, 35517), (140, 35553), (147, 35574), (151, 35583), (Start: 160 @35601 has 1 MA's), (190, 35670), (216, 35760), (234, 35802), (245, 35823), (277, 35922), (287, 35949), (317, 36021), (340, 36075), (410, 36225), (426, 36252), (430, 36261), (454, 36303), (455, 36306), (457, 36312), (460, 36321), (483, 36357), (488, 36366), (493, 36375),

Gene: Nimbo_31 Start: 27524, Stop: 28525, Start Num: 63
Candidate Starts for Nimbo_31:
(37, 27425), (Start: 63 @27524 has 221 MA's), (Start: 67 @27545 has 3 MA's), (73, 27557), (91, 27599), (116, 27662), (124, 27683), (Start: 160 @27767 has 1 MA's), (Start: 174 @27791 has 20 MA's), (Start: 184 @27806 has 1 MA's), (187, 27818), (220, 27929), (270, 28043), (277, 28061), (294, 28100), (304, 28124), (317, 28160), (322, 28187), (343, 28226), (369, 28274), (392, 28334), (416, 28382), (424, 28394), (448, 28439), (455, 28451),

Gene: Nitzel_32 Start: 28239, Stop: 29240, Start Num: 63
Candidate Starts for Nitzel_32:
(37, 28140), (Start: 63 @28239 has 221 MA's), (Start: 67 @28260 has 3 MA's), (73, 28272), (91, 28314), (Start: 102 @28347 has 1 MA's), (116, 28377), (124, 28398), (Start: 160 @28482 has 1 MA's), (Start: 174 @28506 has 20 MA's), (Start: 184 @28521 has 1 MA's), (187, 28533), (220, 28644), (270,

28758), (277, 28776), (294, 28815), (304, 28839), (317, 28875), (322, 28902), (343, 28941), (392, 29049), (416, 29097), (424, 29109), (446, 29151), (448, 29154), (455, 29166), (470, 29196),

Gene: Nivrat_31 Start: 27671, Stop: 28672, Start Num: 63
Candidate Starts for Nivrat_31:
(Start: 63 @27671 has 221 MA's), (Start: 67 @27692 has 3 MA's), (73, 27704), (91, 27746), (116, 27809), (124, 27830), (138, 27860), (Start: 160 @27914 has 1 MA's), (Start: 174 @27938 has 20 MA's), (Start: 184 @27953 has 1 MA's), (187, 27965), (220, 28076), (270, 28190), (277, 28208), (294, 28247), (304, 28271), (317, 28307), (322, 28334), (343, 28373), (369, 28421), (392, 28481), (424, 28541), (455, 28598), (470, 28628),

Gene: Niza_11 Start: 6593, Stop: 7561, Start Num: 71
Candidate Starts for Niza_11:
(Start: 71 @6593 has 225 MA's), (Start: 87 @6626 has 5 MA's), (92, 6644), (Start: 94 @6647 has 1 MA's), (203, 6914), (220, 6965), (223, 6977), (264, 7052), (284, 7115), (289, 7127), (299, 7148), (304, 7160), (309, 7178), (317, 7196), (321, 7220), (343, 7259), (384, 7340), (392, 7364), (393, 7367), (394, 7370), (402, 7379), (446, 7466), (490, 7553),

Gene: Noella_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Noella_11:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Noelle_10 Start: 5947, Stop: 6927, Start Num: 84
Candidate Starts for Noelle_10:
(Start: 84 @5947 has 125 MA's), (Start: 86 @5950 has 14 MA's), (Start: 94 @5974 has 1 MA's), (Start: 101 @5995 has 1 MA's), (Start: 102 @5998 has 1 MA's), (200, 6247), (203, 6256), (220, 6304), (265, 6388), (275, 6424), (280, 6436), (294, 6463), (296, 6466), (306, 6493), (363, 6643), (417, 6766), (421, 6778), (429, 6787), (456, 6844), (491, 6919),

Gene: Nolwazi_33 Start: 27554, Stop: 28345, Start Num: 162
Candidate Starts for Nolwazi_33:
(Start: 162 @27554 has 23 MA's), (Start: 184 @27587 has 1 MA's), (190, 27620), (196, 27644), (203, 27665), (208, 27674), (214, 27704), (217, 27713), (220, 27722), (233, 27758), (273, 27839), (350, 28046), (364, 28073), (373, 28094), (379, 28109), (381, 28118), (418, 28142), (448, 28196), (455, 28208), (479, 28280),

Gene: NoodleTree_248 Start: 140073, Stop: 141101, Start Num: 57
Candidate Starts for NoodleTree_248:
(Start: 57 @140073 has 189 MA's), (Start: 67 @140103 has 3 MA's), (73, 140115), (91, 140157), (116, 140220), (124, 140241), (Start: 160 @140325 has 1 MA's), (Start: 184 @140367 has 1 MA's), (187, 140379), (189, 140394), (210, 140463), (220, 140490), (244, 140544), (261, 140589), (262, 140592), (288, 140670), (299, 140691), (343, 140802), (386, 140892), (392, 140910), (430, 140982), (448, 141015),

Gene: Norbert_10 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Norbert_10:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Norm_252 Start: 145223, Stop: 146251, Start Num: 57

Candidate Starts for Norm_252:
(Start: 57 @145223 has 189 MA's), (Start: 67 @145253 has 3 MA's), (73, 145265), (91, 145307), (116, 145370), (124, 145391), (Start: 160 @145475 has 1 MA's), (Start: 184 @145517 has 1 MA's), (187, 145529), (189, 145544), (210, 145613), (220, 145640), (244, 145694), (261, 145739), (262, 145742), (288, 145820), (299, 145841), (343, 145952), (386, 146042), (392, 146060), (430, 146132), (448, 146165),

Gene: NormanBulbieJr_31 Start: 27686, Stop: 28687, Start Num: 63
Candidate Starts for NormanBulbieJr_31:
(Start: 63 @27686 has 221 MA's), (Start: 67 @27707 has 3 MA's), (73, 27719), (91, 27761), (116, 27824), (124, 27845), (138, 27875), (Start: 160 @27929 has 1 MA's), (Start: 174 @27953 has 20 MA's), (Start: 184 @27968 has 1 MA's), (187, 27980), (220, 28091), (270, 28205), (277, 28223), (294, 28262), (304, 28286), (317, 28322), (322, 28349), (343, 28388), (369, 28436), (392, 28496), (424, 28556), (455, 28613), (470, 28643),

Gene: NorthStar_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for NorthStar_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Northrop_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Northrop_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Norz_12 Start: 6730, Stop: 7698, Start Num: 71
Candidate Starts for Norz_12:
(Start: 71 @6730 has 225 MA's), (Start: 87 @6763 has 5 MA's), (92, 6781), (Start: 94 @6784 has 1 MA's), (203, 7051), (220, 7102), (223, 7114), (264, 7189), (284, 7252), (299, 7285), (309, 7315), (317, 7333), (321, 7357), (343, 7396), (384, 7477), (392, 7501), (393, 7504), (394, 7507), (402, 7516), (404, 7519), (446, 7603), (470, 7648), (490, 7690),

Gene: NotAPhaseMom_10 Start: 5885, Stop: 6865, Start Num: 84
Candidate Starts for NotAPhaseMom_10:
(Start: 84 @5885 has 125 MA's), (Start: 86 @5888 has 14 MA's), (Start: 94 @5912 has 1 MA's), (Start: 101 @5933 has 1 MA's), (Start: 102 @5936 has 1 MA's), (200, 6185), (220, 6242), (265, 6326), (269, 6347), (280, 6374), (296, 6404), (306, 6431), (363, 6581), (411, 6692), (417, 6704), (421, 6716), (456, 6782),

Gene: NothingSpecial_13 Start: 8456, Stop: 9436, Start Num: 72
Candidate Starts for NothingSpecial_13:
(Start: 72 @8456 has 61 MA's), (Start: 94 @8510 has 1 MA's), (165, 8678), (220, 8831), (225, 8846), (264, 8915), (269, 8939), (274, 8954), (304, 9023), (309, 9041), (369, 9185), (393, 9248), (410, 9284), (413, 9287), (436, 9329),

Gene: November_29 Start: 26808, Stop: 27548, Start Num: 176
Candidate Starts for November_29:
(40, 26472), (125, 26709), (133, 26730), (148, 26763), (157, 26784), (Start: 176 @26808 has 165 MA's), (Start: 184 @26820 has 1 MA's), (189, 26847), (190, 26853), (200, 26889), (217, 26937), (220, 26946), (223, 26958), (238, 26991), (257, 27024), (301, 27132), (309, 27159), (350, 27267), (364, 27294), (373, 27315), (381, 27339), (413, 27351), (416, 27360), (448, 27417), (495, 27528),

Gene: Noxious_12 Start: 6769, Stop: 7731, Start Num: 71
Candidate Starts for Noxious_12:
(Start: 71 @6769 has 225 MA's), (Start: 87 @6802 has 5 MA's), (92, 6820), (Start: 94 @6823 has 1 MA's), (203, 7090), (220, 7135), (265, 7225), (294, 7306), (299, 7318), (304, 7330), (309, 7348), (317, 7366), (321, 7390), (343, 7429), (384, 7510), (392, 7534), (393, 7537), (394, 7540), (402, 7549), (446, 7636), (470, 7681), (490, 7723),

Gene: Nozo_47 Start: 42295, Stop: 43359, Start Num: 52
Candidate Starts for Nozo_47:
(Start: 52 @42295 has 53 MA's), (Start: 77 @42358 has 3 MA's), (110, 42439), (138, 42505), (144, 42520), (147, 42532), (161, 42559), (188, 42616), (190, 42625), (242, 42772), (251, 42787), (269, 42841), (282, 42874), (301, 42913), (305, 42925), (331, 43006), (343, 43024), (344, 43027), (369, 43072), (416, 43183), (475, 43294), (486, 43315), (499, 43348),

Gene: NuevoMundo_254 Start: 145709, Stop: 146737, Start Num: 57
Candidate Starts for NuevoMundo_254:
(Start: 57 @145709 has 189 MA's), (Start: 67 @145739 has 3 MA's), (91, 145793), (116, 145856), (124, 145877), (Start: 160 @145961 has 1 MA's), (Start: 184 @146003 has 1 MA's), (187, 146015), (189, 146030), (210, 146099), (220, 146126), (244, 146180), (261, 146225), (262, 146228), (288, 146306), (299, 146327), (343, 146438), (386, 146528), (392, 146546), (430, 146618), (448, 146651),

Gene: Nutello_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Nutello_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Nyxis_10 Start: 5824, Stop: 6807, Start Num: 83
Candidate Starts for Nyxis_10:
(Start: 83 @5824 has 55 MA's), (Start: 101 @5875 has 1 MA's), (Start: 102 @5878 has 1 MA's), (Start: 162 @6013 has 23 MA's), (175, 6037), (200, 6127), (220, 6184), (251, 6247), (265, 6268), (269, 6289), (280, 6316), (306, 6373), (363, 6523), (417, 6646), (421, 6658), (476, 6769),

Gene: OKCentral2016_10 Start: 5411, Stop: 6385, Start Num: 72
Candidate Starts for OKCentral2016_10:
(60, 5372), (Start: 72 @5411 has 61 MA's), (Start: 94 @5465 has 1 MA's), (155, 5618), (220, 5780), (225, 5795), (233, 5816), (264, 5864), (269, 5888), (271, 5894), (274, 5903), (304, 5972), (309, 5990), (322, 6035), (330, 6053), (369, 6131), (381, 6158), (386, 6173), (393, 6194), (440, 6284), (460, 6326), (492, 6377),

Gene: OKaNui_10 Start: 5646, Stop: 6626, Start Num: 84
Candidate Starts for OKaNui_10:
(Start: 84 @5646 has 125 MA's), (Start: 86 @5649 has 14 MA's), (Start: 94 @5673 has 1 MA's), (Start: 101 @5694 has 1 MA's), (Start: 102 @5697 has 1 MA's), (200, 5946), (220, 6003), (265, 6087), (269, 6108), (280, 6135), (296, 6165), (306, 6192), (363, 6342), (411, 6453), (417, 6465), (421, 6477), (456, 6543),

Gene: Obama12_10 Start: 5860, Stop: 6840, Start Num: 84
Candidate Starts for Obama12_10:
(Start: 84 @5860 has 125 MA's), (Start: 94 @5887 has 1 MA's), (Start: 101 @5908 has 1 MA's), (Start: 102 @5911 has 1 MA's), (200, 6160), (220, 6217), (223, 6229), (251, 6280), (265, 6301), (280, 6349),

(306, 6406), (363, 6556), (417, 6679), (421, 6691), (456, 6757),

Gene: Obutu_47 Start: 41519, Stop: 42583, Start Num: 52
Candidate Starts for Obutu_47:
(Start: 52 @41519 has 53 MA's), (Start: 77 @41582 has 3 MA's), (110, 41663), (138, 41729), (144, 41744), (147, 41756), (161, 41783), (188, 41840), (190, 41849), (242, 41996), (251, 42011), (269, 42065), (282, 42098), (301, 42137), (305, 42149), (331, 42230), (343, 42248), (344, 42251), (416, 42407), (475, 42518), (486, 42539), (499, 42572),

Gene: Ochi17_29 Start: 27179, Stop: 28180, Start Num: 63
Candidate Starts for Ochi17_29:
(1, 26558), (3, 26636), (7, 26699), (15, 26738), (21, 26870), (24, 26891), (28, 26927), (37, 27080), (Start: 63 @27179 has 221 MA's), (Start: 67 @27200 has 3 MA's), (73, 27212), (91, 27254), (Start: 102 @27287 has 1 MA's), (116, 27317), (124, 27338), (Start: 160 @27422 has 1 MA's), (Start: 174 @27446 has 20 MA's), (Start: 184 @27461 has 1 MA's), (187, 27473), (220, 27584), (270, 27698), (277, 27716), (294, 27755), (304, 27779), (317, 27815), (322, 27842), (343, 27881), (392, 27989), (416, 28037), (424, 28049), (446, 28091), (448, 28094), (455, 28106), (470, 28136),

Gene: Odette_49 Start: 41912, Stop: 42757, Start Num: 171
Candidate Starts for Odette_49:
(Start: 154 @41885 has 32 MA's), (Start: 171 @41912 has 1 MA's), (189, 41972), (201, 42020), (220, 42086), (227, 42107), (241, 42128), (261, 42182), (290, 42263), (391, 42542), (392, 42545), (412, 42569), (438, 42605), (445, 42620), (453, 42632), (459, 42653),

Gene: OfUltron_31 Start: 27728, Stop: 28729, Start Num: 63
Candidate Starts for OfUltron_31:
(1, 27107), (3, 27185), (7, 27248), (15, 27287), (21, 27419), (24, 27440), (28, 27476), (37, 27629), (Start: 63 @27728 has 221 MA's), (Start: 67 @27749 has 3 MA's), (73, 27761), (91, 27803), (Start: 102 @27836 has 1 MA's), (116, 27866), (124, 27887), (Start: 160 @27971 has 1 MA's), (Start: 174 @27995 has 20 MA's), (Start: 184 @28010 has 1 MA's), (187, 28022), (220, 28133), (270, 28247), (277, 28265), (294, 28304), (304, 28328), (317, 28364), (322, 28391), (343, 28430), (392, 28538), (416, 28586), (424, 28598), (446, 28640), (448, 28643), (455, 28655), (470, 28685),

Gene: Ogopogo_31 Start: 26878, Stop: 27879, Start Num: 63
Candidate Starts for Ogopogo_31:
(Start: 63 @26878 has 221 MA's), (91, 26953), (Start: 102 @26986 has 1 MA's), (116, 27016), (124, 27037), (138, 27067), (Start: 160 @27121 has 1 MA's), (Start: 174 @27145 has 20 MA's), (Start: 184 @27160 has 1 MA's), (187, 27172), (220, 27283), (270, 27397), (277, 27415), (294, 27454), (304, 27478), (317, 27514), (322, 27541), (333, 27565), (343, 27580), (392, 27688), (416, 27736), (455, 27805), (470, 27835),

Gene: OhShagHennessy_26 Start: 25512, Stop: 26543, Start Num: 64
Candidate Starts for OhShagHennessy_26:
(Start: 64 @25512 has 22 MA's), (122, 25668), (129, 25692), (135, 25704), (143, 25722), (150, 25740), (158, 25758), (Start: 163 @25764 has 3 MA's), (169, 25773), (Start: 176 @25788 has 165 MA's), (185, 25803), (192, 25851), (200, 25875), (220, 25932), (235, 25971), (271, 26049), (274, 26058), (276, 26061), (282, 26076), (302, 26130), (309, 26151), (313, 26166), (356, 26250), (369, 26280), (393, 26349), (402, 26361), (413, 26385), (419, 26403), (424, 26406), (430, 26418), (432, 26421), (448, 26451), (455, 26463),

Gene: Ohfah_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Ohfah_10:

(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: Ohno789_9 Start: 5411, Stop: 6379, Start Num: 71
Candidate Starts for Ohno789_9:
(Start: 71 @5411 has 225 MA's), (Start: 87 @5444 has 5 MA's), (92, 5462), (Start: 94 @5465 has 1 MA's), (203, 5732), (220, 5783), (223, 5795), (264, 5870), (284, 5933), (289, 5945), (299, 5966), (309, 5996), (317, 6014), (343, 6077), (384, 6158), (392, 6182), (393, 6185), (394, 6188), (402, 6197), (446, 6284), (490, 6371),

Gene: Okabe_31 Start: 24567, Stop: 25568, Start Num: 63
Candidate Starts for Okabe_31:
(37, 24468), (Start: 63 @24567 has 221 MA's), (Start: 67 @24588 has 3 MA's), (73, 24600), (91, 24642), (Start: 102 @24675 has 1 MA's), (116, 24705), (124, 24726), (138, 24756), (142, 24768), (Start: 160 @24810 has 1 MA's), (Start: 174 @24834 has 20 MA's), (Start: 184 @24849 has 1 MA's), (187, 24861), (220, 24972), (270, 25086), (277, 25104), (294, 25143), (304, 25167), (317, 25203), (322, 25230), (343, 25269), (392, 25377), (416, 25425), (424, 25437), (448, 25482), (455, 25494), (470, 25524),

Gene: OkiRoe_30 Start: 27047, Stop: 27919, Start Num: 176
Candidate Starts for OkiRoe_30:
(125, 26945), (148, 26999), (Start: 176 @27047 has 165 MA's), (Start: 184 @27059 has 1 MA's), (186, 27065), (190, 27092), (198, 27122), (200, 27128), (217, 27182), (220, 27191), (223, 27203), (238, 27236), (257, 27269), (271, 27317), (364, 27539), (371, 27557), (373, 27560), (393, 27620), (398, 27638), (402, 27665), (419, 27737), (430, 27752), (442, 27773), (444, 27776), (455, 27797), (490, 27890), (495, 27899), (498, 27908),

Gene: Oksu_32 Start: 27572, Stop: 28573, Start Num: 63
Candidate Starts for Oksu_32:
(1, 26951), (3, 27029), (7, 27092), (15, 27131), (21, 27263), (24, 27284), (28, 27320), (37, 27473), (Start: 63 @27572 has 221 MA's), (Start: 67 @27593 has 3 MA's), (73, 27605), (91, 27647), (Start: 102 @27680 has 1 MA's), (116, 27710), (124, 27731), (Start: 160 @27815 has 1 MA's), (Start: 174 @27839 has 20 MA's), (Start: 184 @27854 has 1 MA's), (187, 27866), (220, 27977), (270, 28091), (277, 28109), (294, 28148), (304, 28172), (317, 28208), (322, 28235), (343, 28274), (392, 28382), (416, 28430), (424, 28442), (446, 28484), (448, 28487), (455, 28499), (470, 28529),

Gene: OlanP_12 Start: 6213, Stop: 7178, Start Num: 65
Candidate Starts for OlanP_12:
(Start: 65 @6213 has 101 MA's), (Start: 94 @6279 has 1 MA's), (111, 6333), (144, 6411), (200, 6534), (220, 6591), (264, 6663), (274, 6702), (282, 6720), (309, 6789), (357, 6906), (369, 6933), (393, 6996), (440, 7086), (444, 7092),

Gene: OldBen_31 Start: 27554, Stop: 28555, Start Num: 63
Candidate Starts for OldBen_31:
(Start: 63 @27554 has 221 MA's), (91, 27629), (Start: 102 @27662 has 1 MA's), (116, 27692), (124, 27713), (Start: 160 @27797 has 1 MA's), (Start: 174 @27821 has 20 MA's), (Start: 184 @27836 has 1 MA's), (187, 27848), (220, 27959), (270, 28073), (277, 28091), (294, 28130), (304, 28154), (317, 28190), (322, 28217), (343, 28256), (392, 28364), (424, 28424), (455, 28481), (470, 28511),

Gene: Olivio_46 Start: 41388, Stop: 42452, Start Num: 52
Candidate Starts for Olivio_46:

(Start: 52 @41388 has 53 MA's), (Start: 77 @41451 has 3 MA's), (110, 41532), (138, 41598), (144, 41613), (147, 41625), (161, 41652), (188, 41709), (190, 41718), (242, 41865), (251, 41880), (269, 41934), (282, 41967), (301, 42006), (305, 42018), (331, 42099), (343, 42117), (344, 42120), (369, 42165), (416, 42276), (475, 42387), (486, 42408), (499, 42441),

Gene: Ollie_12 Start: 5833, Stop: 6798, Start Num: 65
Candidate Starts for Ollie_12:
(Start: 65 @5833 has 101 MA's), (88, 5878), (Start: 94 @5899 has 1 MA's), (139, 6019), (200, 6157), (220, 6214), (225, 6229), (269, 6310), (274, 6325), (282, 6343), (302, 6391), (305, 6397), (309, 6412), (369, 6553), (393, 6616), (413, 6655), (440, 6706),

Gene: OlympiaSaint_31 Start: 27970, Stop: 28971, Start Num: 63
Candidate Starts for OlympiaSaint_31:
(Start: 63 @27970 has 221 MA's), (91, 28045), (Start: 102 @28078 has 1 MA's), (116, 28108), (124, 28129), (138, 28159), (142, 28171), (Start: 160 @28213 has 1 MA's), (Start: 174 @28237 has 20 MA's), (Start: 184 @28252 has 1 MA's), (187, 28264), (220, 28375), (270, 28489), (277, 28507), (294, 28546), (304, 28570), (317, 28606), (343, 28672), (392, 28780), (416, 28828), (424, 28840), (448, 28885), (455, 28897), (470, 28927),

Gene: Omega_53 Start: 43678, Stop: 44550, Start Num: 154
Candidate Starts for Omega_53:
(93, 43507), (Start: 154 @43678 has 32 MA's), (Start: 171 @43705 has 1 MA's), (189, 43765), (207, 43834), (218, 43873), (220, 43879), (241, 43921), (261, 43975), (290, 44056), (326, 44179), (344, 44206), (391, 44335), (392, 44338), (438, 44398), (445, 44413), (453, 44425), (459, 44446), (463, 44458), (489, 44518),

Gene: OmniCritical_32 Start: 27538, Stop: 28329, Start Num: 162
Candidate Starts for OmniCritical_32:
(Start: 162 @27538 has 23 MA's), (Start: 184 @27571 has 1 MA's), (190, 27604), (196, 27628), (203, 27649), (208, 27658), (214, 27688), (217, 27697), (220, 27706), (233, 27742), (273, 27823), (350, 28030), (364, 28057), (373, 28078), (379, 28093), (381, 28102), (418, 28126), (448, 28180), (455, 28192), (479, 28264),

Gene: Omnicron_31 Start: 25950, Stop: 26807, Start Num: 176
Candidate Starts for Omnicron_31:
(Start: 176 @25950 has 165 MA's), (Start: 184 @25962 has 1 MA's), (186, 25968), (189, 25989), (190, 25995), (198, 26025), (217, 26085), (220, 26094), (223, 26106), (238, 26139), (257, 26172), (271, 26220), (364, 26442), (373, 26463), (381, 26487), (390, 26514), (393, 26523), (394, 26526), (398, 26538), (406, 26565), (419, 26625), (424, 26628), (442, 26661), (455, 26685), (473, 26742), (495, 26787),

Gene: Onyinye_47 Start: 36542, Stop: 37423, Start Num: 163
Candidate Starts for Onyinye_47:
(Start: 163 @36542 has 3 MA's), (193, 36638), (195, 36644), (220, 36728), (222, 36740), (262, 36842), (290, 36920), (298, 36941), (336, 37064), (350, 37103), (366, 37148), (392, 37217), (435, 37268), (438, 37277), (443, 37286), (464, 37346), (479, 37382),

Gene: Oogway_9 Start: 6003, Stop: 6971, Start Num: 71
Candidate Starts for Oogway_9:
(Start: 71 @6003 has 225 MA's), (Start: 87 @6036 has 5 MA's), (92, 6054), (Start: 94 @6057 has 1 MA's), (203, 6324), (220, 6375), (223, 6387), (264, 6462), (284, 6525), (289, 6537), (299, 6558), (304, 6570), (309, 6588), (317, 6606), (321, 6630), (343, 6669), (384, 6750), (392, 6774), (393, 6777), (394, 6780), (402, 6789), (446, 6876), (490, 6963),

Gene: Optimus_54 Start: 43558, Stop: 44430, Start Num: 154
Candidate Starts for Optimus_54:
(Start: 154 @43558 has 32 MA's), (Start: 171 @43585 has 1 MA's), (189, 43645), (201, 43693), (220, 43759), (227, 43780), (241, 43801), (261, 43855), (290, 43936), (391, 44215), (392, 44218), (412, 44242), (438, 44278), (445, 44293), (453, 44305), (459, 44326),

Gene: OrangeOswald_47 Start: 41536, Stop: 42600, Start Num: 52
Candidate Starts for OrangeOswald_47:
(Start: 52 @41536 has 53 MA's), (Start: 77 @41599 has 3 MA's), (110, 41680), (138, 41746), (144, 41761), (147, 41773), (161, 41800), (188, 41857), (190, 41866), (242, 42013), (251, 42028), (269, 42082), (282, 42115), (301, 42154), (305, 42166), (331, 42247), (343, 42265), (344, 42268), (369, 42313), (416, 42424), (475, 42535), (486, 42556), (499, 42589),

Gene: OrediggerDelux_254 Start: 145898, Stop: 146926, Start Num: 57
Candidate Starts for OrediggerDelux_254:
(Start: 57 @145898 has 189 MA's), (Start: 67 @145928 has 3 MA's), (73, 145940), (91, 145982), (116, 146045), (124, 146066), (Start: 160 @146150 has 1 MA's), (Start: 184 @146192 has 1 MA's), (187, 146204), (189, 146219), (210, 146288), (220, 146315), (244, 146369), (261, 146414), (262, 146417), (288, 146495), (299, 146516), (343, 146627), (386, 146717), (392, 146735), (430, 146807), (448, 146840),

Gene: Oscar_30 Start: 25695, Stop: 26435, Start Num: 176
Candidate Starts for Oscar_30:
(125, 25593), (133, 25614), (148, 25647), (157, 25668), (Start: 176 @25695 has 165 MA's), (190, 25740), (200, 25776), (220, 25833), (233, 25869), (257, 25911), (271, 25959), (301, 26019), (350, 26154), (364, 26181), (376, 26208), (381, 26226), (418, 26250), (442, 26292), (454, 26313), (455, 26316), (495, 26415),

Gene: Ovechkin_32 Start: 28427, Stop: 29497, Start Num: 63
Candidate Starts for Ovechkin_32:
(43, 28376), (Start: 63 @28427 has 221 MA's), (Start: 70 @28454 has 1 MA's), (Start: 87 @28481 has 5 MA's), (90, 28490), (110, 28550), (123, 28577), (147, 28643), (Start: 181 @28697 has 57 MA's), (190, 28739), (203, 28790), (242, 28904), (255, 28937), (276, 29012), (284, 29033), (331, 29162), (369, 29234), (410, 29330), (416, 29342), (455, 29411), (483, 29468), (488, 29477),

Gene: OverPar_28 Start: 26335, Stop: 27306, Start Num: 80
Candidate Starts for OverPar_28:
(Start: 80 @26335 has 47 MA's), (99, 26389), (144, 26509), (156, 26539), (Start: 163 @26548 has 3 MA's), (167, 26554), (Start: 184 @26587 has 1 MA's), (185, 26590), (187, 26599), (190, 26620), (210, 26683), (220, 26710), (228, 26734), (270, 26815), (274, 26827), (305, 26890), (309, 26905), (321, 26965), (327, 26980), (364, 27061), (373, 27079), (375, 27082), (376, 27085), (424, 27136), (448, 27181), (465, 27223), (485, 27265),

Gene: OwlsT2W_32 Start: 27949, Stop: 28950, Start Num: 55
Candidate Starts for OwlsT2W_32:
(Start: 55 @27949 has 35 MA's), (91, 28024), (Start: 102 @28057 has 1 MA's), (116, 28087), (124, 28108), (Start: 160 @28192 has 1 MA's), (187, 28243), (189, 28258), (220, 28354), (269, 28465), (277, 28486), (294, 28525), (299, 28537), (317, 28585), (322, 28612), (333, 28636), (343, 28651), (392, 28759), (416, 28807), (455, 28876), (470, 28906),

Gene: P28Green_12 Start: 5961, Stop: 6926, Start Num: 65
Candidate Starts for P28Green_12:

(Start: 65 @5961 has 101 MA's), (88, 6006), (Start: 94 @6027 has 1 MA's), (139, 6147), (220, 6342), (225, 6357), (269, 6438), (274, 6453), (282, 6471), (304, 6522), (309, 6540), (322, 6585), (369, 6681), (393, 6744), (413, 6783), (440, 6834),

Gene: P3MA_29 Start: 23924, Stop: 24829, Start Num: 183
Candidate Starts for P3MA_29:
(125, 23804), (Start: 183 @23924 has 4 MA's), (213, 24050), (219, 24065), (239, 24119), (250, 24143), (268, 24206), (310, 24320), (322, 24374), (337, 24401), (347, 24428), (353, 24443), (354, 24446), (355, 24455), (363, 24479), (365, 24482), (381, 24524), (391, 24548), (395, 24560), (397, 24566), (418, 24641), (472, 24761), (478, 24776), (482, 24782),

Gene: PGHhamlin_14 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for PGHhamlin_14:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: PHappiness_31 Start: 27497, Stop: 28498, Start Num: 63
Candidate Starts for PHappiness_31:
(37, 27398), (Start: 63 @27497 has 221 MA's), (Start: 67 @27518 has 3 MA's), (73, 27530), (91, 27572), (116, 27635), (124, 27656), (Start: 160 @27740 has 1 MA's), (Start: 174 @27764 has 20 MA's), (Start: 184 @27779 has 1 MA's), (187, 27791), (220, 27902), (270, 28016), (277, 28034), (294, 28073), (304, 28097), (317, 28133), (322, 28160), (343, 28199), (369, 28247), (392, 28307), (416, 28355), (424, 28367), (448, 28412), (455, 28424),

Gene: PMC_31 Start: 27499, Stop: 28500, Start Num: 63
Candidate Starts for PMC_31:
(28, 27247), (37, 27400), (Start: 63 @27499 has 221 MA's), (Start: 67 @27520 has 3 MA's), (73, 27532), (91, 27574), (116, 27637), (124, 27658), (138, 27688), (Start: 160 @27742 has 1 MA's), (Start: 174 @27766 has 20 MA's), (187, 27793), (220, 27904), (270, 28018), (277, 28036), (294, 28075), (304, 28099), (317, 28135), (322, 28162), (343, 28201), (369, 28249), (392, 28309), (424, 28369), (455, 28426), (470, 28456),

Gene: PP_20 Start: 11682, Stop: 12425, Start Num: 181
Candidate Starts for PP_20:
(Start: 181 @11682 has 57 MA's), (189, 11718), (200, 11766), (220, 11823), (225, 11838), (270, 11922), (271, 11925), (282, 11952), (309, 12021), (330, 12084), (357, 12135), (369, 12162), (381, 12189), (386, 12204), (392, 12222), (393, 12225), (396, 12234), (401, 12243), (418, 12279), (440, 12318),

Gene: PSullivan_12 Start: 6491, Stop: 7459, Start Num: 71
Candidate Starts for PSullivan_12:
(Start: 71 @6491 has 225 MA's), (Start: 87 @6524 has 5 MA's), (92, 6542), (Start: 94 @6545 has 1 MA's), (203, 6812), (220, 6863), (223, 6875), (264, 6950), (284, 7013), (289, 7025), (299, 7046), (309, 7076), (317, 7094), (321, 7118), (343, 7157), (384, 7238), (392, 7262), (393, 7265), (394, 7268), (402, 7277), (446, 7364), (470, 7409), (490, 7451),

Gene: Pacc40_31 Start: 27689, Stop: 28690, Start Num: 63
Candidate Starts for Pacc40_31:
(Start: 63 @27689 has 221 MA's), (Start: 67 @27710 has 3 MA's), (73, 27722), (91, 27764), (116, 27827), (124, 27848), (138, 27878), (Start: 160 @27932 has 1 MA's), (Start: 174 @27956 has 20 MA's), (187, 27983), (220, 28094), (270, 28208), (277, 28226), (294, 28265), (304, 28289), (317, 28325), (322, 28352), (343, 28391), (392, 28499), (416, 28547), (424, 28559), (446, 28601), (448,

28604), (455, 28616), (470, 28646),

Gene: PacerPaul_10 Start: 6259, Stop: 7227, Start Num: 71
Candidate Starts for PacerPaul_10:
(Start: 71 @6259 has 225 MA's), (Start: 87 @6292 has 5 MA's), (92, 6310), (Start: 94 @6313 has 1 MA's), (203, 6580), (220, 6631), (223, 6643), (264, 6718), (284, 6781), (299, 6814), (304, 6826), (309, 6844), (317, 6862), (343, 6925), (384, 7006), (392, 7030), (393, 7033), (394, 7036), (402, 7045), (446, 7132), (470, 7177), (490, 7219),

Gene: Padfoot_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Padfoot_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Padpat_31 Start: 26454, Stop: 27326, Start Num: 176
Candidate Starts for Padpat_31:
(157, 26427), (Start: 176 @26454 has 165 MA's), (Start: 184 @26466 has 1 MA's), (200, 26535), (210, 26562), (217, 26592), (220, 26601), (233, 26637), (238, 26646), (257, 26679), (264, 26697), (271, 26727), (300, 26784), (301, 26787), (350, 26922), (364, 26949), (373, 26970), (381, 26994), (398, 27045), (419, 27147), (442, 27183), (469, 27255), (495, 27306), (498, 27315),

Gene: Palestino_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Palestino_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Panamaxus_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Panamaxus_11:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Paola_30 Start: 27046, Stop: 27918, Start Num: 176
Candidate Starts for Paola_30:
(Start: 176 @27046 has 165 MA's), (Start: 184 @27058 has 1 MA's), (186, 27064), (190, 27091), (198, 27121), (200, 27127), (217, 27181), (220, 27190), (223, 27202), (238, 27235), (257, 27268), (271, 27316), (304, 27385), (364, 27538), (371, 27556), (373, 27559), (393, 27619), (398, 27637), (402, 27664), (419, 27736), (442, 27772), (444, 27775), (455, 27796), (473, 27853), (490, 27889), (495, 27898), (498, 27907),

Gene: Papez_12 Start: 7454, Stop: 8422, Start Num: 71
Candidate Starts for Papez_12:
(Start: 71 @7454 has 225 MA's), (Start: 87 @7487 has 5 MA's), (92, 7505), (Start: 94 @7508 has 1 MA's), (203, 7775), (220, 7826), (223, 7838), (264, 7913), (284, 7976), (289, 7988), (299, 8009), (304, 8021), (309, 8039), (317, 8057), (343, 8120), (384, 8201), (392, 8225), (393, 8228), (394, 8231), (402, 8240), (446, 8327), (470, 8372), (490, 8414),

Gene: Paphu_9 Start: 5448, Stop: 6416, Start Num: 71
Candidate Starts for Paphu_9:

(Start: 71 @5448 has 225 MA's), (Start: 87 @5481 has 5 MA's), (92, 5499), (Start: 94 @5502 has 1 MA's), (203, 5769), (220, 5820), (223, 5832), (264, 5907), (284, 5970), (289, 5982), (299, 6003), (304, 6015), (309, 6033), (317, 6051), (321, 6075), (343, 6114), (384, 6195), (392, 6219), (393, 6222), (394, 6225), (402, 6234), (446, 6321), (470, 6366), (490, 6408),

Gene: Papyrus_39 Start: 35008, Stop: 36057, Start Num: 63
Candidate Starts for Papyrus_39:
(Start: 63 @35008 has 221 MA's), (95, 35092), (97, 35101), (105, 35125), (116, 35155), (124, 35176), (140, 35212), (147, 35233), (151, 35242), (Start: 160 @35260 has 1 MA's), (190, 35329), (245, 35482), (277, 35581), (287, 35608), (317, 35680), (340, 35734), (413, 35887), (426, 35911), (430, 35920), (454, 35962), (455, 35965), (457, 35971), (460, 35980), (483, 36016), (488, 36025), (493, 36034),

Gene: Paraselene_9 Start: 5760, Stop: 6728, Start Num: 71
Candidate Starts for Paraselene_9:
(Start: 71 @5760 has 225 MA's), (Start: 87 @5793 has 5 MA's), (92, 5811), (Start: 94 @5814 has 1 MA's), (203, 6081), (220, 6132), (223, 6144), (264, 6219), (284, 6282), (289, 6294), (299, 6315), (309, 6345), (317, 6363), (321, 6387), (343, 6426), (384, 6507), (392, 6531), (393, 6534), (394, 6537), (402, 6546), (446, 6633), (470, 6678), (490, 6720),

Gene: Pari_11 Start: 6227, Stop: 7195, Start Num: 71
Candidate Starts for Pari_11:
(Start: 71 @6227 has 225 MA's), (Start: 87 @6260 has 5 MA's), (92, 6278), (Start: 94 @6281 has 1 MA's), (203, 6548), (220, 6599), (223, 6611), (264, 6686), (284, 6749), (289, 6761), (299, 6782), (304, 6794), (309, 6812), (317, 6830), (321, 6854), (343, 6893), (384, 6974), (392, 6998), (393, 7001), (394, 7004), (402, 7013), (446, 7100), (490, 7187),

Gene: ParkTD_251 Start: 144793, Stop: 145821, Start Num: 57
Candidate Starts for ParkTD_251:
(Start: 57 @144793 has 189 MA's), (Start: 67 @144823 has 3 MA's), (73, 144835), (91, 144877), (116, 144940), (124, 144961), (Start: 160 @145045 has 1 MA's), (Start: 184 @145087 has 1 MA's), (187, 145099), (189, 145114), (210, 145183), (220, 145210), (244, 145264), (261, 145309), (262, 145312), (288, 145390), (299, 145411), (343, 145522), (386, 145612), (392, 145630), (430, 145702), (448, 145735),

Gene: Parliament_9 Start: 5830, Stop: 6798, Start Num: 71
Candidate Starts for Parliament_9:
(Start: 71 @5830 has 225 MA's), (Start: 87 @5863 has 5 MA's), (92, 5881), (Start: 94 @5884 has 1 MA's), (203, 6151), (220, 6202), (223, 6214), (264, 6289), (284, 6352), (289, 6364), (299, 6385), (304, 6397), (309, 6415), (317, 6433), (321, 6457), (343, 6496), (384, 6577), (392, 6601), (393, 6604), (394, 6607), (402, 6616), (446, 6703), (490, 6790),

Gene: PascalRango_9 Start: 5626, Stop: 6594, Start Num: 71
Candidate Starts for PascalRango_9:
(Start: 71 @5626 has 225 MA's), (Start: 87 @5659 has 5 MA's), (92, 5677), (Start: 94 @5680 has 1 MA's), (203, 5947), (220, 5998), (223, 6010), (264, 6085), (284, 6148), (299, 6181), (304, 6193), (309, 6211), (317, 6229), (321, 6253), (343, 6292), (384, 6373), (392, 6397), (393, 6400), (394, 6403), (402, 6412), (446, 6499), (490, 6586),

Gene: Patience_42 Start: 35792, Stop: 36817, Start Num: 55
Candidate Starts for Patience_42:
(Start: 55 @35792 has 35 MA's), (116, 35927), (147, 36002), (188, 36086), (190, 36095), (194, 36119), (197, 36128), (231, 36221), (269, 36320), (282, 36353), (289, 36368), (299, 36389), (302, 36398), (331, 36485), (343, 36503), (361, 36533), (369, 36551), (383, 36587), (416, 36662), (423, 36674),

(425, 36677), (446, 36716), (475, 36773),

Gene: PatoPoderoso_31 Start: 27715, Stop: 28716, Start Num: 63
Candidate Starts for PatoPoderoso_31:
(Start: 63 @27715 has 221 MA's), (91, 27790), (Start: 102 @27823 has 1 MA's), (116, 27853), (124, 27874), (138, 27904), (Start: 160 @27958 has 1 MA's), (Start: 174 @27982 has 20 MA's), (Start: 184 @27997 has 1 MA's), (187, 28009), (220, 28120), (270, 28234), (277, 28252), (294, 28291), (304, 28315), (317, 28351), (322, 28378), (343, 28417), (392, 28525), (416, 28573), (424, 28585), (448, 28630), (455, 28642), (470, 28672),

Gene: Patt_32 Start: 27372, Stop: 28163, Start Num: 162
Candidate Starts for Patt_32:
(118, 27267), (125, 27285), (137, 27312), (145, 27333), (Start: 162 @27372 has 23 MA's), (Start: 184 @27405 has 1 MA's), (190, 27438), (208, 27492), (217, 27531), (220, 27540), (233, 27576), (238, 27585), (317, 27768), (350, 27864), (364, 27891), (373, 27912), (379, 27927), (381, 27936), (418, 27960), (448, 28014), (455, 28026), (479, 28098), (490, 28119),

Gene: Patter_254 Start: 144453, Stop: 145481, Start Num: 57
Candidate Starts for Patter_254:
(Start: 57 @144453 has 189 MA's), (Start: 67 @144483 has 3 MA's), (73, 144495), (91, 144537), (116, 144600), (124, 144621), (Start: 160 @144705 has 1 MA's), (Start: 184 @144747 has 1 MA's), (187, 144759), (189, 144774), (210, 144843), (220, 144870), (244, 144924), (261, 144969), (262, 144972), (288, 145050), (299, 145071), (343, 145182), (386, 145272), (392, 145290), (430, 145362), (448, 145395),

Gene: PattyP_11 Start: 5782, Stop: 6750, Start Num: 71
Candidate Starts for PattyP_11:
(Start: 71 @5782 has 225 MA's), (Start: 87 @5815 has 5 MA's), (92, 5833), (Start: 94 @5836 has 1 MA's), (203, 6103), (220, 6154), (223, 6166), (264, 6241), (284, 6304), (289, 6316), (299, 6337), (304, 6349), (309, 6367), (317, 6385), (321, 6409), (343, 6448), (384, 6529), (392, 6553), (393, 6556), (394, 6559), (402, 6568), (446, 6655), (490, 6742),

Gene: Pawn_12 Start: 6033, Stop: 6998, Start Num: 65
Candidate Starts for Pawn_12:
(Start: 65 @6033 has 101 MA's), (Start: 94 @6099 has 1 MA's), (111, 6153), (144, 6231), (200, 6354), (220, 6411), (264, 6483), (274, 6522), (282, 6540), (309, 6609), (357, 6726), (369, 6753), (393, 6816), (440, 6906), (444, 6912),

Gene: Payneful_10 Start: 5573, Stop: 6541, Start Num: 71
Candidate Starts for Payneful_10:
(Start: 71 @5573 has 225 MA's), (Start: 87 @5606 has 5 MA's), (92, 5624), (Start: 94 @5627 has 1 MA's), (203, 5894), (220, 5945), (223, 5957), (264, 6032), (284, 6095), (299, 6128), (304, 6140), (309, 6158), (317, 6176), (343, 6239), (384, 6320), (392, 6344), (393, 6347), (394, 6350), (402, 6359), (446, 6446), (470, 6491), (490, 6533),

Gene: PeaceMeal1_9 Start: 3782, Stop: 4756, Start Num: 72
Candidate Starts for PeaceMeal1_9:
(59, 3743), (Start: 72 @3782 has 61 MA's), (88, 3815), (Start: 94 @3836 has 1 MA's), (Start: 166 @4004 has 22 MA's), (187, 4046), (189, 4061), (220, 4166), (264, 4238), (270, 4265), (271, 4268), (274, 4277), (309, 4364), (369, 4511), (393, 4574), (413, 4613), (436, 4655),

Gene: Peaches_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Peaches_10:

(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Peanam_31 Start: 25850, Stop: 26611, Start Num: 176
Candidate Starts for Peanam_31:
(157, 25820), (Start: 176 @25850 has 165 MA's), (190, 25895), (200, 25931), (218, 25991), (220, 25997), (231, 26027), (233, 26033), (238, 26042), (257, 26075), (269, 26117), (295, 26168), (301, 26183), (350, 26318), (364, 26345), (373, 26366), (376, 26372), (381, 26390), (418, 26423), (419, 26429), (448, 26477), (474, 26549), (495, 26591), (498, 26600),

Gene: Peel_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Peel_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: PegLeg_38 Start: 31793, Stop: 32764, Start Num: 85
Candidate Starts for PegLeg_38:
(Start: 85 @31793 has 15 MA's), (Start: 94 @31817 has 1 MA's), (98, 31832), (152, 31970), (Start: 171 @31997 has 1 MA's), (179, 32015), (185, 32027), (187, 32036), (196, 32081), (200, 32093), (210, 32120), (220, 32147), (223, 32159), (244, 32204), (262, 32231), (270, 32261), (273, 32270), (274, 32273), (313, 32360), (320, 32375), (384, 32528), (385, 32531), (410, 32591), (416, 32603), (419, 32612), (442, 32648), (450, 32663), (466, 32702), (482, 32735),

Gene: Pelly_11 Start: 6459, Stop: 7427, Start Num: 71
Candidate Starts for Pelly_11:
(Start: 71 @6459 has 225 MA's), (Start: 87 @6492 has 5 MA's), (92, 6510), (Start: 94 @6513 has 1 MA's), (203, 6780), (220, 6831), (223, 6843), (264, 6918), (284, 6981), (299, 7014), (304, 7026), (309, 7044), (317, 7062), (321, 7086), (343, 7125), (384, 7206), (392, 7230), (393, 7233), (394, 7236), (402, 7245), (446, 7332), (490, 7419),

Gene: Pembroke_12 Start: 5963, Stop: 6928, Start Num: 65
Candidate Starts for Pembroke_12:
(Start: 65 @5963 has 101 MA's), (88, 6008), (Start: 94 @6029 has 1 MA's), (139, 6149), (200, 6287), (220, 6344), (225, 6359), (269, 6440), (274, 6455), (282, 6473), (304, 6524), (309, 6542), (322, 6587), (369, 6683), (393, 6746), (413, 6785), (440, 6836),

Gene: Penny1_12 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for Penny1_12:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Pepe_11 Start: 6482, Stop: 7450, Start Num: 71
Candidate Starts for Pepe_11:
(Start: 71 @6482 has 225 MA's), (Start: 87 @6515 has 5 MA's), (92, 6533), (Start: 94 @6536 has 1 MA's), (203, 6803), (220, 6854), (223, 6866), (264, 6941), (284, 7004), (299, 7037), (304, 7049), (309, 7067), (317, 7085), (321, 7109), (343, 7148), (384, 7229), (392, 7253), (393, 7256), (394, 7259), (402, 7268), (404, 7271), (446, 7355), (470, 7400), (490, 7442),

Gene: Peridot_34 Start: 29018, Stop: 30019, Start Num: 63
Candidate Starts for Peridot_34:
(Start: 63 @29018 has 221 MA's), (91, 29093), (Start: 102 @29126 has 1 MA's), (116, 29156), (124, 29177), (Start: 160 @29261 has 1 MA's), (Start: 174 @29285 has 20 MA's), (Start: 184 @29300 has 1 MA's), (187, 29312), (220, 29423), (270, 29537), (277, 29555), (294, 29594), (304, 29618), (317, 29654), (322, 29681), (343, 29720), (369, 29768), (392, 29828), (424, 29888), (446, 29930), (448, 29933), (455, 29945), (470, 29975),

Gene: Perplexer_10 Start: 5881, Stop: 6864, Start Num: 83
Candidate Starts for Perplexer_10:
(Start: 83 @5881 has 55 MA's), (Start: 94 @5911 has 1 MA's), (Start: 101 @5932 has 1 MA's), (Start: 102 @5935 has 1 MA's), (200, 6184), (220, 6241), (223, 6253), (237, 6283), (251, 6304), (265, 6325), (280, 6373), (306, 6430), (363, 6580), (417, 6703), (421, 6715), (429, 6724), (456, 6781), (491, 6856),

Gene: Perseus_11 Start: 6143, Stop: 7111, Start Num: 71
Candidate Starts for Perseus_11:
(Start: 71 @6143 has 225 MA's), (Start: 87 @6176 has 5 MA's), (92, 6194), (Start: 94 @6197 has 1 MA's), (203, 6464), (220, 6515), (223, 6527), (264, 6602), (284, 6665), (299, 6698), (304, 6710), (309, 6728), (317, 6746), (321, 6770), (343, 6809), (384, 6890), (392, 6914), (393, 6917), (394, 6920), (402, 6929), (446, 7016), (470, 7061), (490, 7103),

Gene: PeterPeter_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for PeterPeter_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Peterson_13 Start: 7442, Stop: 8410, Start Num: 71
Candidate Starts for Peterson_13:
(Start: 71 @7442 has 225 MA's), (Start: 87 @7475 has 5 MA's), (92, 7493), (Start: 94 @7496 has 1 MA's), (203, 7763), (220, 7814), (223, 7826), (264, 7901), (299, 7997), (304, 8009), (309, 8027), (317, 8045), (321, 8069), (343, 8108), (384, 8189), (392, 8213), (393, 8216), (394, 8219), (402, 8228), (446, 8315), (470, 8360), (490, 8402),

Gene: PetiteSangsue_10 Start: 5887, Stop: 6870, Start Num: 83
Candidate Starts for PetiteSangsue_10:
(Start: 83 @5887 has 55 MA's), (Start: 94 @5917 has 1 MA's), (Start: 101 @5938 has 1 MA's), (Start: 102 @5941 has 1 MA's), (200, 6190), (220, 6247), (223, 6259), (237, 6289), (251, 6310), (265, 6331), (280, 6379), (306, 6436), (363, 6586), (417, 6709), (421, 6721), (429, 6730), (456, 6787), (491, 6862),

Gene: Petp2012_12 Start: 5935, Stop: 6903, Start Num: 71
Candidate Starts for Petp2012_12:
(Start: 71 @5935 has 225 MA's), (Start: 87 @5968 has 5 MA's), (92, 5986), (Start: 94 @5989 has 1 MA's), (203, 6256), (220, 6307), (223, 6319), (264, 6394), (284, 6457), (299, 6490), (304, 6502), (309, 6520), (317, 6538), (321, 6562), (343, 6601), (384, 6682), (392, 6706), (393, 6709), (394, 6712), (402, 6721), (446, 6808), (470, 6853), (490, 6895),

Gene: Petruchio_10 Start: 5701, Stop: 6669, Start Num: 71
Candidate Starts for Petruchio_10:
(Start: 71 @5701 has 225 MA's), (Start: 87 @5734 has 5 MA's), (92, 5752), (Start: 94 @5755 has 1 MA's), (203, 6022), (220, 6073), (223, 6085), (264, 6160), (284, 6223), (289, 6235), (299, 6256), (304, 6268), (309, 6286), (317, 6304), (321, 6328), (343, 6367), (384, 6448), (392, 6472), (393, 6475), (394,

6478), (402, 6487), (446, 6574), (470, 6619), (490, 6661),

Gene: PetterN_9 Start: 5151, Stop: 5960, Start Num: 181
Candidate Starts for PetterN_9:
(148, 5088), (170, 5127), (Start: 181 @5151 has 57 MA's), (194, 5214), (213, 5280), (219, 5295), (230, 5328), (322, 5598), (343, 5640), (355, 5679), (362, 5697), (376, 5727), (486, 5925),

Gene: Phacado_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Phacado_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (296, 6399), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Phaded_14 Start: 8540, Stop: 9526, Start Num: 82
Candidate Starts for Phaded_14:
(Start: 82 @8540 has 12 MA's), (Start: 94 @8570 has 1 MA's), (Start: 102 @8594 has 1 MA's), (Start: 162 @8729 has 23 MA's), (220, 8900), (261, 8975), (265, 8984), (306, 9095), (322, 9155), (338, 9191), (363, 9245), (374, 9269), (377, 9275), (391, 9320), (421, 9380), (429, 9389),

Gene: Phaedrus_45 Start: 41456, Stop: 42520, Start Num: 52
Candidate Starts for Phaedrus_45:
(Start: 52 @41456 has 53 MA's), (Start: 77 @41519 has 3 MA's), (110, 41600), (138, 41666), (144, 41681), (147, 41693), (161, 41720), (188, 41777), (190, 41786), (242, 41933), (251, 41948), (269, 42002), (282, 42035), (301, 42074), (305, 42086), (331, 42167), (343, 42185), (344, 42188), (369, 42233), (416, 42344), (475, 42455), (486, 42476), (499, 42509),

Gene: Phalconet_31 Start: 27631, Stop: 28632, Start Num: 63
Candidate Starts for Phalconet_31:
(Start: 63 @27631 has 221 MA's), (Start: 67 @27652 has 3 MA's), (73, 27664), (91, 27706), (116, 27769), (124, 27790), (138, 27820), (Start: 160 @27874 has 1 MA's), (Start: 174 @27898 has 20 MA's), (187, 27925), (220, 28036), (270, 28150), (277, 28168), (294, 28207), (304, 28231), (317, 28267), (322, 28294), (343, 28333), (369, 28381), (392, 28441), (424, 28501), (455, 28558), (470, 28588),

Gene: Phanphagia_28 Start: 26657, Stop: 27655, Start Num: 55
Candidate Starts for Phanphagia_28:
(Start: 55 @26657 has 35 MA's), (91, 26732), (116, 26792), (124, 26813), (Start: 160 @26897 has 1 MA's), (187, 26948), (189, 26963), (220, 27059), (264, 27146), (269, 27170), (277, 27191), (294, 27230), (299, 27242), (317, 27290), (322, 27317), (333, 27341), (343, 27356), (392, 27464), (416, 27512), (455, 27581), (470, 27611),

Gene: Phantastic_10 Start: 5701, Stop: 6441, Start Num: 159
Candidate Starts for Phantastic_10:
(100, 5608), (Start: 159 @5701 has 1 MA's), (185, 5716), (200, 5788), (220, 5845), (223, 5857), (225, 5860), (235, 5884), (249, 5899), (269, 5947), (282, 5980), (309, 6049), (334, 6121), (369, 6190), (381, 6217), (393, 6253), (413, 6292), (492, 6433),

Gene: Pharb_30 Start: 26706, Stop: 27494, Start Num: 176
Candidate Starts for Pharb_30:
(148, 26661), (Start: 176 @26706 has 165 MA's), (190, 26751), (200, 26787), (217, 26844), (220, 26853), (233, 26889), (264, 26943), (269, 26967), (323, 27108), (350, 27171), (364, 27213), (373, 27234), (376, 27240), (381, 27258), (416, 27288), (455, 27357), (479, 27429), (495, 27459),

Gene: PharkleMinkus_253 Start: 143846, Stop: 144874, Start Num: 57
Candidate Starts for PharkleMinkus_253:
(Start: 57 @143846 has 189 MA's), (Start: 67 @143876 has 3 MA's), (73, 143888), (91, 143930), (116, 143993), (124, 144014), (Start: 160 @144098 has 1 MA's), (Start: 184 @144140 has 1 MA's), (187, 144152), (189, 144167), (210, 144236), (220, 144263), (244, 144317), (261, 144362), (262, 144365), (288, 144443), (299, 144464), (343, 144575), (386, 144665), (392, 144683), (430, 144755), (448, 144788),

Gene: Phasih_32 Start: 28074, Stop: 29075, Start Num: 63
Candidate Starts for Phasih_32:
(2, 27453), (4, 27531), (8, 27594), (16, 27633), (24, 27786), (28, 27822), (Start: 63 @28074 has 221 MA's), (Start: 67 @28095 has 3 MA's), (73, 28107), (91, 28149), (116, 28212), (124, 28233), (138, 28263), (Start: 160 @28317 has 1 MA's), (Start: 174 @28341 has 20 MA's), (187, 28368), (220, 28479), (270, 28593), (277, 28611), (294, 28650), (304, 28674), (317, 28710), (322, 28737), (343, 28776), (369, 28824), (392, 28884), (424, 28944), (455, 29001), (470, 29031),

Gene: Phatniss_32 Start: 28016, Stop: 29017, Start Num: 63
Candidate Starts for Phatniss_32:
(28, 27764), (37, 27917), (Start: 63 @28016 has 221 MA's), (Start: 67 @28037 has 3 MA's), (73, 28049), (91, 28091), (116, 28154), (124, 28175), (138, 28205), (Start: 160 @28259 has 1 MA's), (Start: 174 @28283 has 20 MA's), (187, 28310), (220, 28421), (270, 28535), (277, 28553), (294, 28592), (304, 28616), (317, 28652), (322, 28679), (343, 28718), (369, 28766), (392, 28826), (424, 28886), (455, 28943), (470, 28973),

Gene: Phayeta_48 Start: 41401, Stop: 42465, Start Num: 52
Candidate Starts for Phayeta_48:
(Start: 52 @41401 has 53 MA's), (Start: 77 @41464 has 3 MA's), (110, 41545), (138, 41611), (144, 41626), (147, 41638), (161, 41665), (188, 41722), (190, 41731), (242, 41878), (251, 41893), (269, 41947), (282, 41980), (301, 42019), (305, 42031), (331, 42112), (343, 42130), (344, 42133), (369, 42178), (416, 42289), (475, 42400), (486, 42421), (499, 42454),

Gene: Phelipe_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Phelipe_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: PhelpsODU_31 Start: 25890, Stop: 26633, Start Num: 176
Candidate Starts for PhelpsODU_31:
(157, 25863), (Start: 176 @25890 has 165 MA's), (189, 25932), (190, 25938), (200, 25974), (217, 26022), (220, 26031), (233, 26067), (257, 26109), (301, 26217), (350, 26352), (360, 26367), (364, 26379), (373, 26400), (388, 26418), (402, 26424), (448, 26502), (478, 26583), (490, 26604), (495, 26613),

Gene: PherrisBueller_11 Start: 5911, Stop: 6879, Start Num: 71
Candidate Starts for PherrisBueller_11:
(Start: 71 @5911 has 225 MA's), (Start: 87 @5944 has 5 MA's), (92, 5962), (Start: 94 @5965 has 1 MA's), (Start: 184 @6154 has 1 MA's), (203, 6232), (220, 6283), (223, 6295), (264, 6370), (284, 6433), (299, 6466), (304, 6478), (309, 6496), (317, 6514), (321, 6538), (343, 6577), (384, 6658), (392, 6682), (393, 6685), (394, 6688), (402, 6697), (446, 6784), (490, 6871),

Gene: PhesterPhotato_31 Start: 27551, Stop: 28552, Start Num: 63
Candidate Starts for PhesterPhotato_31:
(Start: 63 @27551 has 221 MA's), (Start: 67 @27572 has 3 MA's), (73, 27584), (91, 27626), (116, 27689), (124, 27710), (138, 27740), (Start: 160 @27794 has 1 MA's), (Start: 174 @27818 has 20 MA's), (187, 27845), (220, 27956), (270, 28070), (277, 28088), (294, 28127), (304, 28151), (317, 28187), (322, 28214), (343, 28253), (369, 28301), (392, 28361), (416, 28409), (455, 28478), (470, 28508),

Gene: Phighter1804_10 Start: 5857, Stop: 6837, Start Num: 84
Candidate Starts for Phighter1804_10:
(Start: 84 @5857 has 125 MA's), (Start: 94 @5884 has 1 MA's), (Start: 101 @5905 has 1 MA's), (Start: 102 @5908 has 1 MA's), (200, 6157), (220, 6214), (223, 6226), (251, 6277), (265, 6298), (269, 6319), (280, 6346), (294, 6373), (306, 6403), (363, 6553), (417, 6676), (421, 6688), (456, 6754),

Gene: Phillis_8 Start: 4833, Stop: 5642, Start Num: 181
Candidate Starts for Phillis_8:
(Start: 181 @4833 has 57 MA's), (202, 4917), (213, 4962), (236, 5022), (260, 5088), (343, 5322), (355, 5361), (362, 5379), (378, 5412), (382, 5430), (416, 5475), (444, 5499), (495, 5628),

Gene: Philly_46 Start: 41387, Stop: 42451, Start Num: 52
Candidate Starts for Philly_46:
(Start: 52 @41387 has 53 MA's), (Start: 77 @41450 has 3 MA's), (110, 41531), (138, 41597), (144, 41612), (147, 41624), (161, 41651), (188, 41708), (190, 41717), (242, 41864), (251, 41879), (269, 41933), (282, 41966), (301, 42005), (305, 42017), (331, 42098), (343, 42116), (344, 42119), (369, 42164), (416, 42275), (475, 42386), (486, 42407), (499, 42440),

Gene: Philus_31 Start: 27593, Stop: 28594, Start Num: 63
Candidate Starts for Philus_31:
(Start: 63 @27593 has 221 MA's), (91, 27668), (Start: 102 @27701 has 1 MA's), (116, 27731), (124, 27752), (138, 27782), (142, 27794), (Start: 160 @27836 has 1 MA's), (Start: 174 @27860 has 20 MA's), (Start: 184 @27875 has 1 MA's), (187, 27887), (220, 27998), (270, 28112), (277, 28130), (294, 28169), (304, 28193), (317, 28229), (343, 28295), (392, 28403), (416, 28451), (424, 28463), (448, 28508), (455, 28520), (470, 28550),

Gene: PhineBark_8 Start: 5489, Stop: 6457, Start Num: 71
Candidate Starts for PhineBark_8:
(Start: 71 @5489 has 225 MA's), (Start: 87 @5522 has 5 MA's), (92, 5540), (Start: 94 @5543 has 1 MA's), (203, 5810), (210, 5828), (220, 5861), (223, 5873), (264, 5948), (284, 6011), (296, 6035), (309, 6074), (317, 6092), (343, 6155), (384, 6236), (392, 6260), (393, 6263), (394, 6266), (402, 6275), (470, 6407), (490, 6449),

Gene: PhishRPhriends_11 Start: 5224, Stop: 6189, Start Num: 65
Candidate Starts for PhishRPhriends_11:
(Start: 65 @5224 has 101 MA's), (Start: 94 @5290 has 1 MA's), (111, 5344), (144, 5422), (200, 5545), (220, 5602), (264, 5674), (274, 5713), (282, 5731), (309, 5800), (357, 5917), (369, 5944), (393, 6007), (440, 6097), (444, 6103),

Gene: Phlegm_257 Start: 145199, Stop: 146227, Start Num: 57
Candidate Starts for Phlegm_257:
(Start: 57 @145199 has 189 MA's), (Start: 67 @145229 has 3 MA's), (73, 145241), (91, 145283), (116, 145346), (124, 145367), (Start: 160 @145451 has 1 MA's), (Start: 184 @145493 has 1 MA's), (187, 145505), (189, 145520), (210, 145589), (220, 145616), (244, 145670), (261, 145715), (262, 145718), (288, 145796), (299, 145817), (343, 145928), (386, 146018), (392, 146036), (430, 146108), (448,

146141),

Gene: PhlipPhlop_32 Start: 29131, Stop: 30132, Start Num: 63
Candidate Starts for PhlipPhlop_32:
(Start: 63 @29131 has 221 MA's), (91, 29206), (Start: 102 @29239 has 1 MA's), (116, 29269), (124, 29290), (138, 29320), (142, 29332), (Start: 160 @29374 has 1 MA's), (Start: 174 @29398 has 20 MA's), (Start: 184 @29413 has 1 MA's), (187, 29425), (220, 29536), (270, 29650), (277, 29668), (294, 29707), (304, 29731), (317, 29767), (343, 29833), (392, 29941), (416, 29989), (424, 30001), (448, 30046), (455, 30058), (470, 30088),

Gene: Phlippers_9 Start: 5960, Stop: 6928, Start Num: 71
Candidate Starts for Phlippers_9:
(Start: 71 @5960 has 225 MA's), (Start: 87 @5993 has 5 MA's), (92, 6011), (Start: 94 @6014 has 1 MA's), (203, 6281), (220, 6332), (223, 6344), (264, 6419), (284, 6482), (289, 6494), (299, 6515), (304, 6527), (309, 6545), (317, 6563), (321, 6587), (343, 6626), (384, 6707), (392, 6731), (393, 6734), (394, 6737), (402, 6746), (446, 6833), (490, 6920),

Gene: Phlorence_8 Start: 5463, Stop: 6272, Start Num: 181
Candidate Starts for Phlorence_8:
(Start: 181 @5463 has 57 MA's), (194, 5526), (197, 5535), (203, 5556), (213, 5592), (230, 5640), (256, 5697), (261, 5721), (343, 5952), (362, 6009), (495, 6258),

Gene: Phlyer_47 Start: 42275, Stop: 43339, Start Num: 52
Candidate Starts for Phlyer_47:
(Start: 52 @42275 has 53 MA's), (Start: 77 @42338 has 3 MA's), (110, 42419), (138, 42485), (144, 42500), (147, 42512), (161, 42539), (188, 42596), (190, 42605), (242, 42752), (251, 42767), (269, 42821), (282, 42854), (301, 42893), (305, 42905), (331, 42986), (343, 43004), (344, 43007), (416, 43163), (475, 43274), (486, 43295), (499, 43328),

Gene: Phoebe_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Phoebe_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Phoebus_48 Start: 42862, Stop: 43734, Start Num: 154
Candidate Starts for Phoebus_48:
(Start: 154 @42862 has 32 MA's), (Start: 171 @42889 has 1 MA's), (189, 42949), (201, 42997), (220, 43063), (227, 43084), (241, 43105), (261, 43159), (290, 43240), (391, 43519), (392, 43522), (412, 43546), (438, 43582), (445, 43597), (453, 43609), (459, 43630),

Gene: Phontbonne_10 Start: 5822, Stop: 6805, Start Num: 83
Candidate Starts for Phontbonne_10:
(Start: 83 @5822 has 55 MA's), (Start: 101 @5873 has 1 MA's), (Start: 102 @5876 has 1 MA's), (Start: 162 @6011 has 23 MA's), (175, 6035), (200, 6125), (220, 6182), (251, 6245), (265, 6266), (269, 6287), (280, 6314), (306, 6371), (363, 6521), (417, 6644), (421, 6656), (476, 6767),

Gene: Phox_253 Start: 144448, Stop: 145476, Start Num: 57
Candidate Starts for Phox_253:
(Start: 57 @144448 has 189 MA's), (Start: 67 @144478 has 3 MA's), (73, 144490), (91, 144532), (116, 144595), (124, 144616), (Start: 160 @144700 has 1 MA's), (Start: 184 @144742 has 1 MA's), (187, 144754), (189, 144769), (210, 144838), (220, 144865), (244, 144919), (261, 144964), (262, 144967), (288, 145045), (299, 145066), (343, 145177), (386, 145267), (392, 145285), (430, 145357), (448,

145390),

Gene: Phoxy_12 Start: 6046, Stop: 7011, Start Num: 65
Candidate Starts for Phoxy_12:
(Start: 65 @6046 has 101 MA's), (88, 6091), (Start: 94 @6112 has 1 MA's), (139, 6232), (200, 6370), (220, 6427), (225, 6442), (269, 6523), (274, 6538), (282, 6556), (304, 6607), (309, 6625), (322, 6670), (369, 6766), (393, 6829), (413, 6868), (440, 6919),

Gene: Phrank_31 Start: 25840, Stop: 26583, Start Num: 176
Candidate Starts for Phrank_31:
(157, 25813), (Start: 176 @25840 has 165 MA's), (185, 25858), (189, 25882), (190, 25888), (200, 25924), (217, 25972), (220, 25981), (233, 26017), (257, 26059), (301, 26167), (350, 26302), (360, 26317), (364, 26329), (373, 26350), (387, 26365), (388, 26368), (402, 26374), (448, 26452), (478, 26533), (490, 26554), (495, 26563),

Gene: Phranny_13 Start: 6031, Stop: 6996, Start Num: 65
Candidate Starts for Phranny_13:
(Start: 65 @6031 has 101 MA's), (Start: 94 @6097 has 1 MA's), (111, 6151), (144, 6229), (200, 6352), (220, 6409), (264, 6481), (274, 6520), (282, 6538), (309, 6607), (357, 6724), (369, 6751), (393, 6814), (440, 6904), (444, 6910),

Gene: PhrostyMug_10 Start: 6057, Stop: 7025, Start Num: 71
Candidate Starts for PhrostyMug_10:
(Start: 71 @6057 has 225 MA's), (Start: 87 @6090 has 5 MA's), (92, 6108), (Start: 94 @6111 has 1 MA's), (203, 6378), (220, 6429), (223, 6441), (264, 6516), (284, 6579), (289, 6591), (299, 6612), (304, 6624), (309, 6642), (317, 6660), (321, 6684), (343, 6723), (384, 6804), (392, 6828), (393, 6831), (394, 6834), (402, 6843), (446, 6930), (490, 7017),

Gene: Phusco_251 Start: 144031, Stop: 145059, Start Num: 57
Candidate Starts for Phusco_251:
(Start: 57 @144031 has 189 MA's), (Start: 67 @144061 has 3 MA's), (73, 144073), (91, 144115), (116, 144178), (124, 144199), (Start: 160 @144283 has 1 MA's), (Start: 184 @144325 has 1 MA's), (187, 144337), (189, 144352), (210, 144421), (220, 144448), (244, 144502), (261, 144547), (262, 144550), (288, 144628), (299, 144649), (343, 144760), (386, 144850), (392, 144868), (430, 144940), (448, 144973),

Gene: Piatt_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Piatt_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: PickleBack_8 Start: 5173, Stop: 5982, Start Num: 181
Candidate Starts for PickleBack_8:
(Start: 181 @5173 has 57 MA's), (194, 5236), (197, 5245), (203, 5266), (213, 5302), (230, 5350), (256, 5407), (261, 5431), (343, 5662), (362, 5719), (495, 5968),

Gene: Pier_251 Start: 145324, Stop: 146352, Start Num: 57
Candidate Starts for Pier_251:
(Start: 57 @145324 has 189 MA's), (Start: 67 @145354 has 3 MA's), (73, 145366), (91, 145408), (116, 145471), (124, 145492), (Start: 160 @145576 has 1 MA's), (Start: 184 @145618 has 1 MA's), (187, 145630), (189, 145645), (210, 145714), (220, 145741), (244, 145795), (261, 145840), (262, 145843),

(288, 145921), (299, 145942), (343, 146053), (386, 146143), (392, 146161), (430, 146233), (448, 146266),

Gene: PinkPlastic_8 Start: 5490, Stop: 6458, Start Num: 71
Candidate Starts for PinkPlastic_8:
(Start: 71 @5490 has 225 MA's), (Start: 87 @5523 has 5 MA's), (92, 5541), (Start: 94 @5544 has 1 MA's), (203, 5811), (220, 5862), (223, 5874), (264, 5949), (284, 6012), (289, 6024), (299, 6045), (304, 6057), (309, 6075), (317, 6093), (321, 6117), (343, 6156), (384, 6237), (392, 6261), (393, 6264), (394, 6267), (402, 6276), (446, 6363), (490, 6450),

Gene: Pinkcreek_232 Start: 141680, Stop: 142678, Start Num: 67
Candidate Starts for Pinkcreek_232:
(Start: 57 @141650 has 189 MA's), (Start: 67 @141680 has 3 MA's), (91, 141734), (116, 141797), (124, 141818), (Start: 160 @141902 has 1 MA's), (Start: 184 @141944 has 1 MA's), (187, 141956), (189, 141971), (210, 142040), (220, 142067), (244, 142121), (261, 142166), (262, 142169), (288, 142247), (299, 142268), (343, 142379), (386, 142469), (392, 142487), (430, 142559), (448, 142592),

Gene: Pinto_12 Start: 6133, Stop: 7101, Start Num: 71
Candidate Starts for Pinto_12:
(Start: 71 @6133 has 225 MA's), (Start: 87 @6166 has 5 MA's), (92, 6184), (Start: 94 @6187 has 1 MA's), (203, 6454), (220, 6505), (223, 6517), (264, 6592), (284, 6655), (299, 6688), (304, 6700), (309, 6718), (317, 6736), (321, 6760), (343, 6799), (384, 6880), (392, 6904), (393, 6907), (394, 6910), (402, 6919), (446, 7006), (490, 7093),

Gene: Pio_259 Start: 146527, Stop: 147555, Start Num: 57
Candidate Starts for Pio_259:
(Start: 57 @146527 has 189 MA's), (Start: 67 @146557 has 3 MA's), (73, 146569), (91, 146611), (116, 146674), (124, 146695), (Start: 160 @146779 has 1 MA's), (Start: 184 @146821 has 1 MA's), (187, 146833), (189, 146848), (210, 146917), (220, 146944), (244, 146998), (261, 147043), (262, 147046), (288, 147124), (299, 147145), (343, 147256), (386, 147346), (392, 147364), (430, 147436), (448, 147469),

Gene: Pipcraft_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for Pipcraft_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Pipefish_49 Start: 42928, Stop: 43992, Start Num: 52
Candidate Starts for Pipefish_49:
(Start: 52 @42928 has 53 MA's), (Start: 77 @42991 has 3 MA's), (110, 43072), (138, 43138), (144, 43153), (147, 43165), (161, 43192), (188, 43249), (190, 43258), (242, 43405), (251, 43420), (269, 43474), (282, 43507), (301, 43546), (305, 43558), (331, 43639), (343, 43657), (344, 43660), (416, 43816), (475, 43927), (486, 43948), (499, 43981),

Gene: Piper2020_33 Start: 28123, Stop: 29124, Start Num: 63
Candidate Starts for Piper2020_33:
(Start: 63 @28123 has 221 MA's), (91, 28198), (Start: 102 @28231 has 1 MA's), (116, 28261), (124, 28282), (Start: 160 @28366 has 1 MA's), (Start: 174 @28390 has 20 MA's), (Start: 184 @28405 has 1 MA's), (187, 28417), (220, 28528), (270, 28642), (277, 28660), (294, 28699), (304, 28723), (317, 28759), (322, 28786), (343, 28825), (392, 28933), (416, 28981), (455, 29050), (470, 29080),

Gene: Pippin_11 Start: 5832, Stop: 6800, Start Num: 71
Candidate Starts for Pippin_11:
(Start: 71 @5832 has 225 MA's), (Start: 87 @5865 has 5 MA's), (92, 5883), (Start: 94 @5886 has 1 MA's), (203, 6153), (220, 6204), (223, 6216), (264, 6291), (284, 6354), (289, 6366), (299, 6387), (304, 6399), (309, 6417), (317, 6435), (321, 6459), (343, 6498), (384, 6579), (392, 6603), (393, 6606), (394, 6609), (402, 6618), (446, 6705), (490, 6792),

Gene: Pippy_25 Start: 23661, Stop: 24662, Start Num: 63
Candidate Starts for Pippy_25:
(Start: 63 @23661 has 221 MA's), (91, 23736), (116, 23799), (124, 23820), (Start: 160 @23904 has 1 MA's), (Start: 174 @23928 has 20 MA's), (Start: 184 @23943 has 1 MA's), (187, 23955), (220, 24066), (277, 24198), (294, 24237), (304, 24261), (322, 24324), (343, 24363), (455, 24588), (470, 24618),

Gene: Piro94_12 Start: 6941, Stop: 7918, Start Num: 72
Candidate Starts for Piro94_12:
(Start: 72 @6941 has 61 MA's), (Start: 94 @6995 has 1 MA's), (119, 7052), (189, 7184), (200, 7232), (220, 7289), (233, 7325), (264, 7373), (274, 7412), (305, 7484), (309, 7499), (322, 7544), (330, 7562), (348, 7604), (369, 7652), (381, 7679), (386, 7694), (392, 7712), (393, 7715), (440, 7805),

Gene: Pisa1_30 Start: 26501, Stop: 27361, Start Num: 184
Candidate Starts for Pisa1_30:
(157, 26462), (Start: 176 @26489 has 165 MA's), (Start: 184 @26501 has 1 MA's), (200, 26570), (210, 26597), (217, 26627), (220, 26636), (233, 26672), (238, 26681), (257, 26714), (264, 26732), (301, 26822), (350, 26957), (364, 26984), (373, 27005), (381, 27029), (398, 27080), (419, 27182), (442, 27218), (455, 27242), (495, 27341), (498, 27350),

Gene: Pisa4_30 Start: 26489, Stop: 27361, Start Num: 176
Candidate Starts for Pisa4_30:
(157, 26462), (Start: 176 @26489 has 165 MA's), (Start: 184 @26501 has 1 MA's), (200, 26570), (210, 26597), (217, 26627), (220, 26636), (233, 26672), (238, 26681), (257, 26714), (264, 26732), (301, 26822), (350, 26957), (364, 26984), (373, 27005), (381, 27029), (398, 27080), (419, 27182), (442, 27218), (455, 27242), (495, 27341), (498, 27350),

Gene: Pistachio_11 Start: 5286, Stop: 6026, Start Num: 166
Candidate Starts for Pistachio_11:
(100, 5169), (Start: 166 @5286 has 22 MA's), (200, 5373), (220, 5430), (223, 5442), (225, 5445), (235, 5469), (249, 5484), (261, 5502), (269, 5532), (271, 5538), (274, 5547), (282, 5565), (304, 5616), (309, 5634), (334, 5706), (357, 5748), (369, 5775), (381, 5802), (392, 5835), (393, 5838), (413, 5877), (492, 6018),

Gene: Pita2_12 Start: 6491, Stop: 7459, Start Num: 71
Candidate Starts for Pita2_12:
(Start: 71 @6491 has 225 MA's), (Start: 87 @6524 has 5 MA's), (92, 6542), (Start: 94 @6545 has 1 MA's), (203, 6812), (220, 6863), (223, 6875), (264, 6950), (284, 7013), (289, 7025), (299, 7046), (309, 7076), (317, 7094), (321, 7118), (343, 7157), (384, 7238), (392, 7262), (393, 7265), (394, 7268), (402, 7277), (446, 7364), (470, 7409), (490, 7451),

Gene: Pivoine_253 Start: 144496, Stop: 145524, Start Num: 57
Candidate Starts for Pivoine_253:
(Start: 57 @144496 has 189 MA's), (Start: 67 @144526 has 3 MA's), (73, 144538), (91, 144580), (116, 144643), (124, 144664), (Start: 160 @144748 has 1 MA's), (Start: 184 @144790 has 1 MA's), (187, 144802), (189, 144817), (210, 144886), (220, 144913), (244, 144967), (261, 145012), (262, 145015), (288, 145093), (299, 145114), (343, 145225), (386, 145315), (392, 145333), (430, 145405), (448,

145438),

Gene: Pixie_31 Start: 26938, Stop: 27726, Start Num: 176
Candidate Starts for Pixie_31:
(157, 26914), (Start: 176 @26938 has 165 MA's), (190, 26983), (200, 27019), (217, 27076), (220, 27085), (233, 27121), (264, 27175), (269, 27199), (323, 27340), (364, 27445), (373, 27466), (376, 27472), (381, 27490), (416, 27520), (455, 27589), (479, 27661), (495, 27691),

Gene: Pleione_256 Start: 145259, Stop: 146287, Start Num: 57
Candidate Starts for Pleione_256:
(Start: 57 @145259 has 189 MA's), (Start: 67 @145289 has 3 MA's), (73, 145301), (91, 145343), (116, 145406), (124, 145427), (Start: 160 @145511 has 1 MA's), (Start: 184 @145553 has 1 MA's), (187, 145565), (189, 145580), (210, 145649), (220, 145676), (244, 145730), (261, 145775), (262, 145778), (288, 145856), (299, 145877), (343, 145988), (386, 146078), (392, 146096), (430, 146168), (448, 146201),

Gene: Plumbus_33 Start: 27594, Stop: 28595, Start Num: 63
Candidate Starts for Plumbus_33:
(2, 26973), (4, 27051), (8, 27114), (16, 27153), (24, 27306), (28, 27342), (Start: 63 @27594 has 221 MA's), (91, 27669), (Start: 102 @27702 has 1 MA's), (116, 27732), (124, 27753), (138, 27783), (142, 27795), (Start: 160 @27837 has 1 MA's), (Start: 174 @27861 has 20 MA's), (Start: 184 @27876 has 1 MA's), (187, 27888), (220, 27999), (270, 28113), (277, 28131), (294, 28170), (304, 28194), (317, 28230), (322, 28257), (343, 28296), (392, 28404), (424, 28464), (455, 28521), (470, 28551),

Gene: Pocahontas_11 Start: 6049, Stop: 7014, Start Num: 65
Candidate Starts for Pocahontas_11:
(Start: 65 @6049 has 101 MA's), (88, 6094), (Start: 94 @6115 has 1 MA's), (139, 6235), (145, 6250), (Start: 177 @6289 has 9 MA's), (200, 6373), (220, 6430), (225, 6445), (269, 6526), (274, 6541), (282, 6559), (304, 6610), (309, 6628), (322, 6673), (369, 6769), (393, 6832), (413, 6871), (440, 6922),

Gene: Poenanya_31 Start: 27641, Stop: 28642, Start Num: 63
Candidate Starts for Poenanya_31:
(34, 27479), (Start: 63 @27641 has 221 MA's), (91, 27716), (Start: 102 @27749 has 1 MA's), (116, 27779), (124, 27800), (138, 27830), (142, 27842), (Start: 160 @27884 has 1 MA's), (Start: 174 @27908 has 20 MA's), (Start: 184 @27923 has 1 MA's), (187, 27935), (220, 28046), (270, 28160), (277, 28178), (294, 28217), (304, 28241), (317, 28277), (322, 28304), (343, 28343), (369, 28391), (392, 28451), (416, 28499), (424, 28511), (448, 28556), (455, 28568), (470, 28598),

Gene: Pokerus_30 Start: 26411, Stop: 27283, Start Num: 176
Candidate Starts for Pokerus_30:
(157, 26384), (Start: 176 @26411 has 165 MA's), (Start: 184 @26423 has 1 MA's), (200, 26492), (210, 26519), (217, 26549), (220, 26558), (233, 26594), (238, 26603), (257, 26636), (264, 26654), (271, 26684), (301, 26744), (350, 26879), (364, 26906), (373, 26927), (381, 26951), (398, 27002), (419, 27104), (442, 27140), (455, 27164), (495, 27263), (498, 27272),

Gene: Polka14_32 Start: 28140, Stop: 29141, Start Num: 63
Candidate Starts for Polka14_32:
(34, 27978), (Start: 63 @28140 has 221 MA's), (91, 28215), (Start: 102 @28248 has 1 MA's), (116, 28278), (124, 28299), (138, 28329), (142, 28341), (Start: 160 @28383 has 1 MA's), (Start: 174 @28407 has 20 MA's), (Start: 184 @28422 has 1 MA's), (187, 28434), (220, 28545), (270, 28659), (277, 28677), (294, 28716), (304, 28740), (317, 28776), (322, 28803), (343, 28842), (369, 28890), (392, 28950), (416, 28998), (424, 29010), (448, 29055), (455, 29067), (470, 29097),

Gene: Pollywog_31 Start: 27849, Stop: 28850, Start Num: 63
Candidate Starts for Pollywog_31:
(Start: 63 @27849 has 221 MA's), (91, 27924), (Start: 102 @27957 has 1 MA's), (116, 27987), (124, 28008), (138, 28038), (142, 28050), (Start: 160 @28092 has 1 MA's), (187, 28143), (189, 28158), (220, 28254), (269, 28365), (277, 28386), (294, 28425), (299, 28437), (317, 28485), (322, 28512), (333, 28536), (343, 28551), (392, 28659), (416, 28707), (455, 28776), (470, 28806),

Gene: Polo2Bam_35 Start: 27698, Stop: 28699, Start Num: 63
Candidate Starts for Polo2Bam_35:
(Start: 63 @27698 has 221 MA's), (91, 27773), (Start: 102 @27806 has 1 MA's), (116, 27836), (124, 27857), (Start: 160 @27941 has 1 MA's), (Start: 174 @27965 has 20 MA's), (Start: 184 @27980 has 1 MA's), (187, 27992), (220, 28103), (270, 28217), (277, 28235), (294, 28274), (304, 28298), (317, 28334), (322, 28361), (343, 28400), (369, 28448), (392, 28508), (416, 28556), (424, 28568), (448, 28613), (455, 28625), (470, 28655),

Gene: Polymorphads_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Polymorphads_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 102 @5932 has 1 MA's), (Start: 162 @6067 has 23 MA's), (175, 6091), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: Pomar16_14 Start: 6638, Stop: 7402, Start Num: 176
Candidate Starts for Pomar16_14:
(Start: 176 @6638 has 165 MA's), (220, 6782), (264, 6869), (270, 6896), (274, 6908), (309, 6995), (369, 7136), (392, 7196), (393, 7199), (410, 7235), (440, 7289), (460, 7337),

Gene: Poochiewood_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for Poochiewood_26:
(Start: 64 @25547 has 22 MA's), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (Start: 176 @25823 has 165 MA's), (185, 25838), (192, 25886), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420), (419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: Poompha_9 Start: 3780, Stop: 4754, Start Num: 72
Candidate Starts for Poompha_9:
(59, 3741), (Start: 72 @3780 has 61 MA's), (88, 3813), (Start: 94 @3834 has 1 MA's), (Start: 166 @4002 has 22 MA's), (187, 4044), (189, 4059), (220, 4164), (264, 4236), (270, 4263), (271, 4266), (274, 4275), (309, 4362), (369, 4509), (393, 4572), (413, 4611), (436, 4653),

Gene: PopTart_31 Start: 27830, Stop: 28831, Start Num: 63
Candidate Starts for PopTart_31:
(Start: 63 @27830 has 221 MA's), (91, 27905), (Start: 102 @27938 has 1 MA's), (116, 27968), (124, 27989), (Start: 160 @28073 has 1 MA's), (Start: 174 @28097 has 20 MA's), (Start: 184 @28112 has 1 MA's), (187, 28124), (220, 28235), (277, 28367), (294, 28406), (304, 28430), (317, 28466), (322, 28493), (343, 28532), (392, 28640), (424, 28700), (448, 28745), (455, 28757), (470, 28787),

Gene: Popcicle_11 Start: 6049, Stop: 7014, Start Num: 65
Candidate Starts for Popcicle_11:
(Start: 65 @6049 has 101 MA's), (88, 6094), (Start: 94 @6115 has 1 MA's), (139, 6235), (145, 6250), (Start: 177 @6289 has 9 MA's), (200, 6373), (220, 6430), (225, 6445), (269, 6526), (274, 6541), (282, 6559), (304, 6610), (309, 6628), (322, 6673), (369, 6769), (393, 6832), (413, 6871), (440, 6922),

Gene: PotatoSplit_13 Start: 5962, Stop: 6927, Start Num: 65
Candidate Starts for PotatoSplit_13:
(Start: 65 @5962 has 101 MA's), (88, 6007), (Start: 94 @6028 has 1 MA's), (139, 6148), (200, 6286), (220, 6343), (225, 6358), (269, 6439), (274, 6454), (282, 6472), (304, 6523), (309, 6541), (322, 6586), (369, 6682), (393, 6745), (413, 6784), (440, 6835),

Gene: Pound_51 Start: 44412, Stop: 45278, Start Num: 154
Candidate Starts for Pound_51:
(Start: 154 @44412 has 32 MA's), (Start: 171 @44439 has 1 MA's), (201, 44547), (207, 44568), (220, 44613), (227, 44634), (241, 44655), (261, 44709), (277, 44760), (298, 44811), (351, 44961), (366, 45003), (385, 45054), (392, 45072), (441, 45138), (447, 45150), (453, 45159), (462, 45189), (489, 45252),

Gene: Power_11 Start: 6372, Stop: 7364, Start Num: 83
Candidate Starts for Power_11:
(Start: 83 @6372 has 55 MA's), (Start: 101 @6423 has 1 MA's), (Start: 102 @6426 has 1 MA's), (112, 6459), (119, 6474), (179, 6594), (Start: 184 @6600 has 1 MA's), (205, 6687), (220, 6732), (278, 6864), (294, 6903), (310, 6951), (338, 7032), (358, 7074), (392, 7158), (393, 7161), (417, 7209), (448, 7275), (481, 7350),

Gene: PowerRanger_10 Start: 6318, Stop: 7286, Start Num: 71
Candidate Starts for PowerRanger_10:
(Start: 71 @6318 has 225 MA's), (Start: 87 @6351 has 5 MA's), (92, 6369), (Start: 94 @6372 has 1 MA's), (203, 6639), (220, 6690), (223, 6702), (264, 6777), (284, 6840), (289, 6852), (299, 6873), (304, 6885), (309, 6903), (317, 6921), (321, 6945), (343, 6984), (384, 7065), (392, 7089), (393, 7092), (394, 7095), (402, 7104), (446, 7191), (470, 7236), (490, 7278),

Gene: Primadonna_248 Start: 144608, Stop: 145636, Start Num: 57
Candidate Starts for Primadonna_248:
(Start: 57 @144608 has 189 MA's), (Start: 67 @144638 has 3 MA's), (73, 144650), (91, 144692), (116, 144755), (124, 144776), (Start: 160 @144860 has 1 MA's), (Start: 184 @144902 has 1 MA's), (187, 144914), (189, 144929), (210, 144998), (220, 145025), (244, 145079), (261, 145124), (262, 145127), (288, 145205), (299, 145226), (343, 145337), (386, 145427), (392, 145445), (430, 145517), (448, 145550),

Gene: Prinashe11_8 Start: 5323, Stop: 6132, Start Num: 181
Candidate Starts for Prinashe11_8:
(Start: 181 @5323 has 57 MA's), (194, 5386), (197, 5395), (213, 5452), (230, 5500), (261, 5581), (322, 5770), (343, 5812), (362, 5869), (380, 5911), (495, 6118),

Gene: Priscilla_31 Start: 27784, Stop: 28785, Start Num: 63
Candidate Starts for Priscilla_31:
(Start: 63 @27784 has 221 MA's), (91, 27859), (Start: 102 @27892 has 1 MA's), (116, 27922), (124, 27943), (138, 27973), (142, 27985), (Start: 160 @28027 has 1 MA's), (Start: 174 @28051 has 20 MA's), (Start: 184 @28066 has 1 MA's), (187, 28078), (220, 28189), (270, 28303), (277, 28321), (294, 28360), (304, 28384), (317, 28420), (343, 28486), (392, 28594), (416, 28642), (424, 28654), (448, 28699), (455, 28711), (470, 28741),

Gene: Prithvi_31 Start: 26427, Stop: 27299, Start Num: 176
Candidate Starts for Prithvi_31:
(157, 26400), (Start: 176 @26427 has 165 MA's), (Start: 184 @26439 has 1 MA's), (200, 26508), (210, 26535), (217, 26565), (220, 26574), (233, 26610), (238, 26619), (257, 26652), (264, 26670), (301,

26760), (350, 26895), (364, 26922), (373, 26943), (381, 26967), (398, 27018), (419, 27120), (442, 27156), (455, 27180), (495, 27279), (498, 27288),

Gene: ProMouse_11 Start: 6454, Stop: 7422, Start Num: 71
Candidate Starts for ProMouse_11:
(Start: 71 @6454 has 225 MA's), (Start: 87 @6487 has 5 MA's), (92, 6505), (Start: 94 @6508 has 1 MA's), (203, 6775), (220, 6826), (223, 6838), (264, 6913), (284, 6976), (299, 7009), (309, 7039), (317, 7057), (343, 7120), (384, 7201), (392, 7225), (393, 7228), (394, 7231), (402, 7240), (446, 7327), (470, 7372), (490, 7414),

Gene: Prudy_14 Start: 8237, Stop: 9214, Start Num: 72
Candidate Starts for Prudy_14:
(54, 8195), (Start: 72 @8237 has 61 MA's), (Start: 94 @8291 has 1 MA's), (189, 8480), (191, 8492), (196, 8516), (200, 8528), (220, 8585), (233, 8621), (264, 8669), (274, 8708), (304, 8777), (309, 8795), (330, 8858), (348, 8900), (369, 8948), (381, 8975), (386, 8990), (393, 9011), (410, 9047), (413, 9050), (440, 9101),

Gene: Psycho_31 Start: 27156, Stop: 27917, Start Num: 174
Candidate Starts for Psycho_31:
(148, 27108), (Start: 174 @27156 has 20 MA's), (Start: 184 @27168 has 1 MA's), (186, 27174), (190, 27201), (200, 27237), (218, 27297), (220, 27303), (231, 27333), (233, 27339), (238, 27348), (257, 27381), (269, 27423), (270, 27426), (274, 27438), (295, 27474), (301, 27489), (311, 27525), (350, 27624), (364, 27651), (373, 27672), (419, 27735), (436, 27759), (448, 27783), (473, 27852), (495, 27897), (498, 27906),

Gene: Puhon_253 Start: 145155, Stop: 146183, Start Num: 57
Candidate Starts for Puhon_253:
(Start: 57 @145155 has 189 MA's), (Start: 67 @145185 has 3 MA's), (73, 145197), (91, 145239), (116, 145302), (124, 145323), (Start: 160 @145407 has 1 MA's), (Start: 184 @145449 has 1 MA's), (187, 145461), (189, 145476), (210, 145545), (220, 145572), (244, 145626), (261, 145671), (262, 145674), (288, 145752), (299, 145773), (343, 145884), (386, 145974), (392, 145992), (430, 146064), (448, 146097),

Gene: Pukovnik_13 Start: 8101, Stop: 9087, Start Num: 82
Candidate Starts for Pukovnik_13:
(Start: 82 @8101 has 12 MA's), (Start: 94 @8131 has 1 MA's), (Start: 102 @8155 has 1 MA's), (218, 8455), (220, 8461), (261, 8536), (265, 8545), (306, 8656), (338, 8752), (363, 8806), (374, 8830), (377, 8836), (391, 8881), (393, 8887), (421, 8941), (429, 8950),

Gene: Pumbaa_10 Start: 5856, Stop: 6836, Start Num: 84
Candidate Starts for Pumbaa_10:
(Start: 84 @5856 has 125 MA's), (Start: 94 @5883 has 1 MA's), (Start: 102 @5907 has 1 MA's), (178, 6072), (200, 6156), (220, 6213), (223, 6225), (251, 6276), (265, 6297), (269, 6318), (280, 6345), (294, 6372), (306, 6402), (363, 6552), (417, 6675), (421, 6687), (456, 6753),

Gene: Puppet_10 Start: 6074, Stop: 7042, Start Num: 71
Candidate Starts for Puppet_10:
(Start: 71 @6074 has 225 MA's), (Start: 87 @6107 has 5 MA's), (92, 6125), (Start: 94 @6128 has 1 MA's), (203, 6395), (220, 6446), (223, 6458), (264, 6533), (284, 6596), (299, 6629), (304, 6641), (309, 6659), (317, 6677), (321, 6701), (343, 6740), (384, 6821), (392, 6845), (393, 6848), (394, 6851), (402, 6860), (470, 6992), (490, 7034),

Gene: Puppy_11 Start: 5358, Stop: 6098, Start Num: 166

Candidate Starts for Puppy_11:
(100, 5241), (Start: 166 @5358 has 22 MA's), (200, 5445), (220, 5502), (223, 5514), (225, 5517), (235, 5541), (249, 5556), (261, 5574), (269, 5604), (271, 5610), (274, 5619), (282, 5637), (304, 5688), (309, 5706), (334, 5778), (357, 5820), (369, 5847), (381, 5874), (392, 5907), (393, 5910), (413, 5949), (492, 6090),

Gene: Pupusa_255 Start: 145822, Stop: 146850, Start Num: 57
Candidate Starts for Pupusa_255:
(Start: 57 @145822 has 189 MA's), (Start: 67 @145852 has 3 MA's), (73, 145864), (91, 145906), (116, 145969), (124, 145990), (Start: 160 @146074 has 1 MA's), (Start: 184 @146116 has 1 MA's), (187, 146128), (189, 146143), (210, 146212), (220, 146239), (244, 146293), (261, 146338), (262, 146341), (288, 146419), (299, 146440), (343, 146551), (386, 146641), (392, 146659), (430, 146731), (448, 146764),

Gene: PurduePete_253 Start: 145973, Stop: 147001, Start Num: 57
Candidate Starts for PurduePete_253:
(Start: 57 @145973 has 189 MA's), (Start: 67 @146003 has 3 MA's), (73, 146015), (91, 146057), (116, 146120), (124, 146141), (Start: 160 @146225 has 1 MA's), (Start: 184 @146267 has 1 MA's), (187, 146279), (189, 146294), (210, 146363), (220, 146390), (244, 146444), (261, 146489), (262, 146492), (288, 146570), (299, 146591), (343, 146702), (386, 146792), (392, 146810), (430, 146882), (448, 146915),

Gene: PurpleHaze_12 Start: 6032, Stop: 6997, Start Num: 65
Candidate Starts for PurpleHaze_12:
(Start: 65 @6032 has 101 MA's), (Start: 94 @6098 has 1 MA's), (111, 6152), (144, 6230), (200, 6353), (220, 6410), (264, 6482), (274, 6521), (282, 6539), (309, 6608), (357, 6725), (369, 6752), (393, 6815), (440, 6905), (444, 6911),

Gene: QBert_244 Start: 142846, Stop: 143874, Start Num: 57
Candidate Starts for QBert_244:
(Start: 57 @142846 has 189 MA's), (Start: 67 @142876 has 3 MA's), (73, 142888), (91, 142930), (116, 142993), (124, 143014), (Start: 160 @143098 has 1 MA's), (Start: 184 @143140 has 1 MA's), (187, 143152), (189, 143167), (210, 143236), (220, 143263), (244, 143317), (261, 143362), (262, 143365), (288, 143443), (299, 143464), (343, 143575), (386, 143665), (392, 143683), (430, 143755), (448, 143788),

Gene: QTRlifeCrisis_10 Start: 6459, Stop: 7427, Start Num: 71
Candidate Starts for QTRlifeCrisis_10:
(Start: 71 @6459 has 225 MA's), (Start: 87 @6492 has 5 MA's), (92, 6510), (Start: 94 @6513 has 1 MA's), (Start: 184 @6702 has 1 MA's), (203, 6780), (210, 6798), (220, 6831), (223, 6843), (264, 6918), (284, 6981), (289, 6993), (299, 7014), (304, 7026), (309, 7044), (317, 7062), (321, 7086), (343, 7125), (384, 7206), (392, 7230), (393, 7233), (394, 7236), (402, 7245), (446, 7332), (470, 7377), (490, 7419),

Gene: Qhanda_33 Start: 27649, Stop: 28440, Start Num: 162
Candidate Starts for Qhanda_33:
(Start: 162 @27649 has 23 MA's), (Start: 184 @27682 has 1 MA's), (190, 27715), (196, 27739), (203, 27760), (208, 27769), (214, 27799), (217, 27808), (220, 27817), (233, 27853), (273, 27934), (350, 28141), (364, 28168), (373, 28189), (381, 28213), (418, 28237), (448, 28291), (455, 28303), (479, 28375),

Gene: Quasimodo_255 Start: 144832, Stop: 145860, Start Num: 57
Candidate Starts for Quasimodo_255:

(Start: 57 @144832 has 189 MA's), (Start: 67 @144862 has 3 MA's), (73, 144874), (91, 144916), (116, 144979), (124, 145000), (Start: 160 @145084 has 1 MA's), (Start: 184 @145126 has 1 MA's), (187, 145138), (189, 145153), (210, 145222), (220, 145249), (244, 145303), (261, 145348), (262, 145351), (288, 145429), (299, 145450), (343, 145561), (386, 145651), (392, 145669), (430, 145741), (448, 145774),

Gene: QueenB2_11 Start: 6448, Stop: 7431, Start Num: 83
Candidate Starts for QueenB2_11:
(61, 6406), (Start: 83 @6448 has 55 MA's), (Start: 94 @6478 has 1 MA's), (Start: 96 @6481 has 1 MA's), (Start: 101 @6499 has 1 MA's), (Start: 102 @6502 has 1 MA's), (196, 6739), (200, 6751), (220, 6808), (223, 6820), (262, 6886), (306, 6997), (363, 7144), (405, 7237), (421, 7279), (456, 7351), (480, 7405),

Gene: QueenBeesly_11 Start: 6372, Stop: 7364, Start Num: 83
Candidate Starts for QueenBeesly_11:
(Start: 83 @6372 has 55 MA's), (Start: 101 @6423 has 1 MA's), (Start: 102 @6426 has 1 MA's), (112, 6459), (119, 6474), (179, 6594), (Start: 184 @6600 has 1 MA's), (205, 6687), (220, 6732), (278, 6864), (294, 6903), (310, 6951), (338, 7032), (358, 7074), (393, 7161), (417, 7209), (448, 7275), (481, 7350),

Gene: QuickMath_32 Start: 28868, Stop: 29869, Start Num: 63
Candidate Starts for QuickMath_32:
(Start: 63 @28868 has 221 MA's), (91, 28943), (Start: 102 @28976 has 1 MA's), (116, 29006), (124, 29027), (138, 29057), (142, 29069), (Start: 160 @29111 has 1 MA's), (Start: 174 @29135 has 20 MA's), (Start: 184 @29150 has 1 MA's), (187, 29162), (220, 29273), (270, 29387), (277, 29405), (294, 29444), (304, 29468), (317, 29504), (322, 29531), (343, 29570), (392, 29678), (416, 29726), (424, 29738), (448, 29783), (455, 29795), (470, 29825),

Gene: Quico_32 Start: 27328, Stop: 28329, Start Num: 63
Candidate Starts for Quico_32:
(Start: 63 @27328 has 221 MA's), (91, 27403), (Start: 102 @27436 has 1 MA's), (116, 27466), (124, 27487), (Start: 160 @27571 has 1 MA's), (Start: 174 @27595 has 20 MA's), (Start: 184 @27610 has 1 MA's), (187, 27622), (220, 27733), (270, 27847), (277, 27865), (294, 27904), (304, 27928), (317, 27964), (322, 27991), (343, 28030), (369, 28078), (392, 28138), (416, 28186), (424, 28198), (448, 28243), (455, 28255), (470, 28285),

Gene: QuincyRose_30 Start: 26474, Stop: 27346, Start Num: 176
Candidate Starts for QuincyRose_30:
(157, 26447), (Start: 176 @26474 has 165 MA's), (Start: 184 @26486 has 1 MA's), (200, 26555), (210, 26582), (217, 26612), (220, 26621), (233, 26657), (238, 26666), (257, 26699), (264, 26717), (271, 26747), (301, 26807), (350, 26942), (364, 26969), (373, 26990), (381, 27014), (398, 27065), (419, 27167), (442, 27203), (455, 27227), (495, 27326), (498, 27335),

Gene: QuinnKiro_10 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for QuinnKiro_10:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Quokka_9 Start: 5599, Stop: 6363, Start Num: 176
Candidate Starts for Quokka_9:
(Start: 176 @5599 has 165 MA's), (220, 5743), (270, 5857), (271, 5860), (274, 5869), (304, 5938), (309, 5956), (330, 6019), (369, 6097), (381, 6124), (386, 6139), (392, 6157), (393, 6160), (440, 6250), (471, 6319),

Gene: Rabinovish_245 Start: 143336, Stop: 144364, Start Num: 57
Candidate Starts for Rabinovish_245:
(Start: 57 @143336 has 189 MA's), (Start: 67 @143366 has 3 MA's), (73, 143378), (91, 143420), (116, 143483), (124, 143504), (Start: 160 @143588 has 1 MA's), (Start: 184 @143630 has 1 MA's), (187, 143642), (189, 143657), (210, 143726), (220, 143753), (244, 143807), (261, 143852), (262, 143855), (288, 143933), (299, 143954), (343, 144065), (386, 144155), (392, 144173), (430, 144245), (448, 144278),

Gene: Rachaly_14 Start: 8129, Stop: 9115, Start Num: 83
Candidate Starts for Rachaly_14:
(Start: 83 @8129 has 55 MA's), (Start: 94 @8159 has 1 MA's), (Start: 101 @8180 has 1 MA's), (Start: 102 @8183 has 1 MA's), (112, 8216), (200, 8432), (218, 8483), (220, 8489), (223, 8501), (232, 8522), (280, 8612), (306, 8678), (363, 8828), (372, 8849), (421, 8963), (456, 9035),

Gene: Radiance_31 Start: 27692, Stop: 28693, Start Num: 63
Candidate Starts for Radiance_31:
(Start: 63 @27692 has 221 MA's), (91, 27767), (Start: 102 @27800 has 1 MA's), (116, 27830), (124, 27851), (138, 27881), (142, 27893), (Start: 160 @27935 has 1 MA's), (Start: 174 @27959 has 20 MA's), (Start: 184 @27974 has 1 MA's), (187, 27986), (220, 28097), (270, 28211), (277, 28229), (294, 28268), (304, 28292), (317, 28328), (343, 28394), (392, 28502), (416, 28550), (424, 28562), (448, 28607), (455, 28619), (470, 28649),

Gene: RagingRooster_47 Start: 41537, Stop: 42601, Start Num: 52
Candidate Starts for RagingRooster_47:
(Start: 52 @41537 has 53 MA's), (Start: 77 @41600 has 3 MA's), (110, 41681), (138, 41747), (144, 41762), (147, 41774), (161, 41801), (188, 41858), (190, 41867), (242, 42014), (251, 42029), (269, 42083), (282, 42116), (301, 42155), (305, 42167), (331, 42248), (343, 42266), (344, 42269), (369, 42314), (416, 42425), (475, 42536), (486, 42557), (499, 42590),

Gene: Rahel_254 Start: 144934, Stop: 145962, Start Num: 57
Candidate Starts for Rahel_254:
(Start: 57 @144934 has 189 MA's), (Start: 67 @144964 has 3 MA's), (73, 144976), (91, 145018), (116, 145081), (124, 145102), (Start: 160 @145186 has 1 MA's), (Start: 184 @145228 has 1 MA's), (187, 145240), (189, 145255), (210, 145324), (220, 145351), (244, 145405), (261, 145450), (262, 145453), (288, 145531), (299, 145552), (343, 145663), (386, 145753), (392, 145771), (430, 145843), (448, 145876),

Gene: Rahul_17 Start: 11952, Stop: 12815, Start Num: 181
Candidate Starts for Rahul_17:
(Start: 181 @11952 has 57 MA's), (197, 12030), (198, 12033), (211, 12075), (212, 12078), (243, 12171), (246, 12177), (247, 12183), (252, 12195), (285, 12306), (314, 12399), (347, 12498), (363, 12549), (368, 12558), (381, 12594), (382, 12597),

Gene: Raid_10 Start: 5750, Stop: 6718, Start Num: 71
Candidate Starts for Raid_10:
(Start: 71 @5750 has 225 MA's), (Start: 87 @5783 has 5 MA's), (92, 5801), (Start: 94 @5804 has 1 MA's), (203, 6071), (220, 6122), (223, 6134), (264, 6209), (299, 6305), (304, 6317), (309, 6335), (317, 6353), (321, 6377), (343, 6416), (384, 6497), (392, 6521), (393, 6524), (394, 6527), (402, 6536), (446, 6623), (470, 6668), (490, 6710),

Gene: Rajelicia_9 Start: 5630, Stop: 6598, Start Num: 71
Candidate Starts for Rajelicia_9:

(Start: 71 @5630 has 225 MA's), (Start: 87 @5663 has 5 MA's), (92, 5681), (Start: 94 @5684 has 1 MA's), (203, 5951), (220, 6002), (223, 6014), (264, 6089), (284, 6152), (289, 6164), (299, 6185), (304, 6197), (309, 6215), (317, 6233), (321, 6257), (343, 6296), (384, 6377), (392, 6401), (393, 6404), (394, 6407), (402, 6416), (446, 6503), (490, 6590),

Gene: Ramen_31 Start: 26460, Stop: 27332, Start Num: 176
Candidate Starts for Ramen_31:
(157, 26433), (Start: 176 @26460 has 165 MA's), (Start: 184 @26472 has 1 MA's), (200, 26541), (210, 26568), (217, 26598), (220, 26607), (233, 26643), (238, 26652), (257, 26685), (264, 26703), (271, 26733), (301, 26793), (350, 26928), (364, 26955), (373, 26976), (381, 27000), (419, 27153), (442, 27189), (495, 27312), (498, 27321),

Gene: Ramsey_34 Start: 28342, Stop: 29358, Start Num: 63
Candidate Starts for Ramsey_34:
(30, 28111), (31, 28114), (33, 28162), (46, 28297), (48, 28306), (Start: 63 @28342 has 221 MA's), (108, 28474), (116, 28495), (124, 28516), (138, 28546), (142, 28558), (Start: 160 @28600 has 1 MA's), (Start: 174 @28624 has 20 MA's), (Start: 184 @28639 has 1 MA's), (187, 28651), (189, 28666), (220, 28762), (270, 28876), (277, 28894), (294, 28933), (304, 28957), (317, 28993), (322, 29020), (333, 29044), (343, 29059), (392, 29167), (416, 29215), (455, 29284), (470, 29314),

Gene: Rando14_31 Start: 25909, Stop: 26766, Start Num: 176
Candidate Starts for Rando14_31:
(Start: 176 @25909 has 165 MA's), (Start: 184 @25921 has 1 MA's), (186, 25927), (189, 25948), (190, 25954), (198, 25984), (217, 26044), (220, 26053), (223, 26065), (238, 26098), (257, 26131), (271, 26179), (295, 26224), (323, 26311), (364, 26401), (373, 26422), (381, 26446), (390, 26473), (393, 26482), (398, 26497), (406, 26524), (419, 26584), (424, 26587), (442, 26620), (455, 26644), (473, 26701), (490, 26737), (495, 26746),

Gene: Rapunzel97_31 Start: 26461, Stop: 27333, Start Num: 176
Candidate Starts for Rapunzel97_31:
(157, 26434), (Start: 176 @26461 has 165 MA's), (Start: 184 @26473 has 1 MA's), (200, 26542), (210, 26569), (217, 26599), (220, 26608), (233, 26644), (238, 26653), (257, 26686), (264, 26704), (271, 26734), (300, 26791), (301, 26794), (350, 26929), (364, 26956), (373, 26977), (381, 27001), (398, 27052), (419, 27154), (442, 27190), (455, 27214), (495, 27313), (498, 27322),

Gene: Reba_13 Start: 5704, Stop: 6669, Start Num: 65
Candidate Starts for Reba_13:
(Start: 65 @5704 has 101 MA's), (Start: 94 @5770 has 1 MA's), (111, 5824), (144, 5902), (200, 6025), (220, 6082), (264, 6154), (274, 6193), (282, 6211), (309, 6280), (357, 6397), (369, 6424), (393, 6487), (440, 6577), (444, 6583),

Gene: Rebeuca_11 Start: 5885, Stop: 6859, Start Num: 72
Candidate Starts for Rebeuca_11:
(Start: 72 @5885 has 61 MA's), (Start: 94 @5939 has 1 MA's), (155, 6092), (220, 6254), (225, 6269), (233, 6290), (269, 6362), (271, 6368), (274, 6377), (304, 6446), (309, 6464), (322, 6509), (330, 6527), (369, 6605), (381, 6632), (386, 6647), (393, 6668), (413, 6707), (440, 6758), (460, 6800), (492, 6851),

Gene: Red305_28 Start: 26904, Stop: 27893, Start Num: 99
Candidate Starts for Red305_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: RedBird_31 Start: 27495, Stop: 28496, Start Num: 63
Candidate Starts for RedBird_31:
(Start: 63 @27495 has 221 MA's), (Start: 67 @27516 has 3 MA's), (91, 27570), (Start: 102 @27603 has 1 MA's), (116, 27633), (124, 27654), (138, 27684), (142, 27696), (Start: 160 @27738 has 1 MA's), (Start: 174 @27762 has 20 MA's), (Start: 184 @27777 has 1 MA's), (187, 27789), (220, 27900), (270, 28014), (277, 28032), (294, 28071), (304, 28095), (317, 28131), (322, 28158), (343, 28197), (369, 28245), (392, 28305), (416, 28353), (424, 28365), (448, 28410), (455, 28422), (470, 28452),

Gene: RedRock_14 Start: 8396, Stop: 9373, Start Num: 72
Candidate Starts for RedRock_14:
(54, 8351), (Start: 72 @8396 has 61 MA's), (Start: 94 @8450 has 1 MA's), (189, 8639), (196, 8675), (200, 8687), (220, 8744), (233, 8780), (264, 8828), (274, 8867), (304, 8936), (309, 8954), (322, 8999), (330, 9017), (348, 9059), (369, 9107), (381, 9134), (386, 9149), (393, 9170), (410, 9206), (413, 9209), (436, 9251), (440, 9260),

Gene: Redno2_47 Start: 39617, Stop: 40489, Start Num: 154
Candidate Starts for Redno2_47:
(Start: 154 @39617 has 32 MA's), (Start: 171 @39644 has 1 MA's), (207, 39773), (220, 39818), (227, 39839), (241, 39860), (261, 39914), (290, 39995), (391, 40274), (392, 40277), (412, 40301), (438, 40337), (445, 40352), (453, 40364), (459, 40385),

Gene: Refuge_14 Start: 8748, Stop: 9725, Start Num: 72
Candidate Starts for Refuge_14:
(Start: 72 @8748 has 61 MA's), (Start: 94 @8802 has 1 MA's), (113, 8862), (140, 8922), (198, 9060), (202, 9069), (220, 9123), (225, 9138), (269, 9231), (271, 9237), (274, 9246), (309, 9333), (369, 9474), (393, 9537), (426, 9600), (436, 9618), (460, 9669),

Gene: Reindeer_38 Start: 32261, Stop: 33232, Start Num: 85
Candidate Starts for Reindeer_38:
(79, 32246), (Start: 85 @32261 has 15 MA's), (Start: 94 @32285 has 1 MA's), (98, 32300), (99, 32303), (119, 32351), (136, 32393), (152, 32438), (155, 32441), (Start: 171 @32465 has 1 MA's), (179, 32483), (185, 32495), (187, 32504), (200, 32561), (202, 32564), (210, 32588), (220, 32615), (232, 32648), (262, 32699), (270, 32729), (273, 32738), (274, 32741), (313, 32828), (320, 32843), (324, 32861), (384, 32996), (385, 32999), (416, 33071), (419, 33080), (436, 33104), (442, 33116), (466, 33170), (482, 33203),

Gene: Relief_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Relief_10:
(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Renaud18_31 Start: 27722, Stop: 28723, Start Num: 63
Candidate Starts for Renaud18_31:
(Start: 63 @27722 has 221 MA's), (Start: 67 @27743 has 3 MA's), (73, 27755), (91, 27797), (116, 27860), (124, 27881), (138, 27911), (Start: 160 @27965 has 1 MA's), (Start: 174 @27989 has 20 MA's), (187, 28016), (189, 28031), (220, 28127), (269, 28238), (277, 28259), (294, 28298), (299, 28310), (317, 28358), (322, 28385), (333, 28409), (343, 28424), (392, 28532), (416, 28580), (455, 28649), (470, 28679),

Gene: Reptar3000_32 Start: 27365, Stop: 28156, Start Num: 162
Candidate Starts for Reptar3000_32:

(118, 27263), (125, 27281), (137, 27308), (Start: 162 @27365 has 23 MA's), (190, 27431), (196, 27455), (203, 27476), (208, 27485), (217, 27524), (220, 27533), (233, 27569), (238, 27578), (273, 27650), (350, 27857), (364, 27884), (373, 27905), (381, 27929), (448, 28007), (455, 28019), (479, 28091),

Gene: ResDef_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for ResDef_11:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Retro23_11 Start: 6523, Stop: 7515, Start Num: 83
Candidate Starts for Retro23_11:
(Start: 83 @6523 has 55 MA's), (Start: 96 @6556 has 1 MA's), (Start: 101 @6574 has 1 MA's), (Start: 102 @6577 has 1 MA's), (112, 6610), (119, 6625), (179, 6745), (Start: 184 @6751 has 1 MA's), (189, 6778), (205, 6838), (220, 6883), (278, 7015), (294, 7054), (310, 7102), (338, 7183), (358, 7225), (393, 7312), (411, 7348), (421, 7372), (442, 7414), (448, 7426), (481, 7501),

Gene: Rey_43 Start: 33168, Stop: 34145, Start Num: 84
Candidate Starts for Rey_43:
(Start: 84 @33168 has 125 MA's), (Start: 94 @33195 has 1 MA's), (123, 33267), (136, 33303), (152, 33348), (187, 33414), (210, 33498), (220, 33525), (264, 33612), (273, 33648), (274, 33651), (313, 33738), (320, 33753), (346, 33819), (384, 33906), (385, 33909), (388, 33918), (392, 33930), (395, 33939), (409, 33960), (456, 34056),

Gene: RhynO_11 Start: 5848, Stop: 6822, Start Num: 72
Candidate Starts for RhynO_11:
(Start: 72 @5848 has 61 MA's), (Start: 94 @5902 has 1 MA's), (109, 5950), (155, 6055), (220, 6217), (225, 6232), (233, 6253), (269, 6325), (274, 6340), (304, 6409), (309, 6427), (322, 6472), (330, 6490), (369, 6568), (381, 6595), (386, 6610), (393, 6631), (413, 6670), (440, 6721), (460, 6763), (492, 6814),

Gene: Rhynn_10 Start: 6060, Stop: 7028, Start Num: 71
Candidate Starts for Rhynn_10:
(Start: 71 @6060 has 225 MA's), (Start: 87 @6093 has 5 MA's), (92, 6111), (Start: 94 @6114 has 1 MA's), (203, 6381), (220, 6432), (223, 6444), (264, 6519), (284, 6582), (289, 6594), (299, 6615), (309, 6645), (317, 6663), (321, 6687), (343, 6726), (384, 6807), (392, 6831), (393, 6834), (394, 6837), (402, 6846), (404, 6849), (446, 6933), (470, 6978), (490, 7020),

Gene: Rialto_35 Start: 29850, Stop: 30851, Start Num: 63
Candidate Starts for Rialto_35:
(Start: 63 @29850 has 221 MA's), (91, 29925), (Start: 102 @29958 has 1 MA's), (116, 29988), (124, 30009), (Start: 160 @30093 has 1 MA's), (Start: 174 @30117 has 20 MA's), (Start: 184 @30132 has 1 MA's), (187, 30144), (220, 30255), (270, 30369), (277, 30387), (294, 30426), (304, 30450), (317, 30486), (322, 30513), (343, 30552), (369, 30600), (392, 30660), (424, 30720), (446, 30762), (448, 30765), (455, 30777), (470, 30807),

Gene: Richo_31 Start: 25850, Stop: 26611, Start Num: 176
Candidate Starts for Richo_31:
(157, 25820), (Start: 176 @25850 has 165 MA's), (190, 25895), (200, 25931), (218, 25991), (220, 25997), (231, 26027), (233, 26033), (238, 26042), (257, 26075), (269, 26117), (295, 26168), (301, 26183), (350, 26318), (364, 26345), (373, 26366), (376, 26372), (381, 26390), (418, 26423), (419, 26429), (448, 26477), (474, 26549), (495, 26591), (498, 26600),

Gene: RidgeCB_10 Start: 5587, Stop: 6555, Start Num: 71
Candidate Starts for RidgeCB_10:
(Start: 71 @5587 has 225 MA's), (Start: 87 @5620 has 5 MA's), (92, 5638), (Start: 94 @5641 has 1 MA's), (203, 5908), (210, 5926), (220, 5959), (223, 5971), (264, 6046), (284, 6109), (289, 6121), (299, 6142), (304, 6154), (309, 6172), (313, 6187), (317, 6190), (343, 6253), (384, 6334), (392, 6358), (393, 6361), (394, 6364), (402, 6373), (446, 6460), (490, 6547),

Gene: Ringer_10 Start: 6258, Stop: 7226, Start Num: 71
Candidate Starts for Ringer_10:
(Start: 71 @6258 has 225 MA's), (Start: 87 @6291 has 5 MA's), (92, 6309), (Start: 94 @6312 has 1 MA's), (203, 6579), (220, 6630), (223, 6642), (264, 6717), (284, 6780), (299, 6813), (304, 6825), (309, 6843), (317, 6861), (343, 6924), (384, 7005), (392, 7029), (393, 7032), (394, 7035), (402, 7044), (446, 7131), (470, 7176), (490, 7218),

Gene: Rinkes_49 Start: 43767, Stop: 44765, Start Num: 82
Candidate Starts for Rinkes_49:
(Start: 82 @43767 has 12 MA's), (Start: 94 @43797 has 1 MA's), (Start: 101 @43818 has 1 MA's), (Start: 102 @43821 has 1 MA's), (134, 43908), (Start: 162 @43956 has 23 MA's), (178, 43986), (185, 43998), (210, 44097), (218, 44121), (220, 44127), (233, 44163), (237, 44169), (251, 44190), (262, 44205), (265, 44211), (280, 44259), (306, 44322), (338, 44418), (372, 44493), (374, 44496), (421, 44607), (427, 44613), (439, 44637),

Gene: Riparian_39 Start: 34810, Stop: 35859, Start Num: 63
Candidate Starts for Riparian_39:
(Start: 63 @34810 has 221 MA's), (95, 34894), (97, 34903), (105, 34927), (116, 34957), (124, 34978), (140, 35014), (147, 35035), (151, 35044), (Start: 160 @35062 has 1 MA's), (190, 35131), (245, 35284), (277, 35383), (287, 35410), (317, 35482), (340, 35536), (413, 35689), (426, 35713), (430, 35722), (454, 35764), (455, 35767), (457, 35773), (460, 35782), (483, 35818), (488, 35827), (493, 35836),

Gene: Rita_32 Start: 27771, Stop: 28772, Start Num: 63
Candidate Starts for Rita_32:
(Start: 63 @27771 has 221 MA's), (91, 27846), (Start: 102 @27879 has 1 MA's), (116, 27909), (124, 27930), (Start: 160 @28014 has 1 MA's), (187, 28065), (220, 28176), (269, 28287), (277, 28308), (294, 28347), (304, 28371), (317, 28407), (322, 28434), (333, 28458), (343, 28473), (392, 28581), (416, 28629), (455, 28698), (470, 28728),

Gene: Rita1961_47 Start: 41520, Stop: 42584, Start Num: 52
Candidate Starts for Rita1961_47:
(Start: 52 @41520 has 53 MA's), (Start: 77 @41583 has 3 MA's), (110, 41664), (138, 41730), (144, 41745), (147, 41757), (161, 41784), (188, 41841), (190, 41850), (242, 41997), (251, 42012), (269, 42066), (282, 42099), (301, 42138), (305, 42150), (331, 42231), (343, 42249), (344, 42252), (416, 42408), (475, 42519), (486, 42540), (499, 42573),

Gene: RitaG_32 Start: 27960, Stop: 28961, Start Num: 63
Candidate Starts for RitaG_32:
(Start: 63 @27960 has 221 MA's), (91, 28035), (Start: 102 @28068 has 1 MA's), (116, 28098), (124, 28119), (Start: 160 @28203 has 1 MA's), (Start: 174 @28227 has 20 MA's), (Start: 184 @28242 has 1 MA's), (187, 28254), (220, 28365), (270, 28479), (277, 28497), (294, 28536), (304, 28560), (317, 28596), (322, 28623), (343, 28662), (392, 28770), (424, 28830), (455, 28887), (470, 28917),

Gene: Rizal_241 Start: 142749, Stop: 143777, Start Num: 57
Candidate Starts for Rizal_241:

(Start: 57 @142749 has 189 MA's), (Start: 67 @142779 has 3 MA's), (73, 142791), (91, 142833), (116, 142896), (124, 142917), (Start: 160 @143001 has 1 MA's), (Start: 184 @143043 has 1 MA's), (187, 143055), (189, 143070), (210, 143139), (220, 143166), (244, 143220), (261, 143265), (262, 143268), (288, 143346), (299, 143367), (343, 143478), (386, 143568), (392, 143586), (430, 143658), (448, 143691),

Gene: RoMag_247 Start: 144530, Stop: 145558, Start Num: 57
Candidate Starts for RoMag_247:
(Start: 57 @144530 has 189 MA's), (Start: 67 @144560 has 3 MA's), (73, 144572), (91, 144614), (116, 144677), (124, 144698), (Start: 160 @144782 has 1 MA's), (Start: 184 @144824 has 1 MA's), (187, 144836), (189, 144851), (210, 144920), (220, 144947), (244, 145001), (261, 145046), (262, 145049), (288, 145127), (299, 145148), (343, 145259), (386, 145349), (392, 145367), (430, 145439), (448, 145472),

Gene: Roary_8 Start: 4837, Stop: 5646, Start Num: 181
Candidate Starts for Roary_8:
(Start: 181 @4837 has 57 MA's), (202, 4921), (213, 4966), (260, 5092), (343, 5326), (355, 5365), (362, 5383), (378, 5416), (382, 5434), (416, 5479), (444, 5503), (495, 5632),

Gene: Rocha_248 Start: 144095, Stop: 145123, Start Num: 57
Candidate Starts for Rocha_248:
(Start: 57 @144095 has 189 MA's), (Start: 67 @144125 has 3 MA's), (73, 144137), (91, 144179), (116, 144242), (124, 144263), (Start: 160 @144347 has 1 MA's), (Start: 184 @144389 has 1 MA's), (187, 144401), (189, 144416), (210, 144485), (220, 144512), (244, 144566), (261, 144611), (262, 144614), (288, 144692), (299, 144713), (343, 144824), (386, 144914), (392, 144932), (430, 145004), (448, 145037),

Gene: RockieBear_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for RockieBear_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Rockne_31 Start: 27499, Stop: 28500, Start Num: 63
Candidate Starts for Rockne_31:
(28, 27247), (37, 27400), (Start: 63 @27499 has 221 MA's), (Start: 67 @27520 has 3 MA's), (73, 27532), (91, 27574), (116, 27637), (124, 27658), (138, 27688), (Start: 160 @27742 has 1 MA's), (Start: 174 @27766 has 20 MA's), (187, 27793), (220, 27904), (270, 28018), (277, 28036), (294, 28075), (304, 28099), (317, 28135), (322, 28162), (343, 28201), (369, 28249), (392, 28309), (424, 28369), (455, 28426), (470, 28456),

Gene: Rocksand_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Rocksand_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Rockstar_10 Start: 5610, Stop: 6350, Start Num: 166
Candidate Starts for Rockstar_10:
(Start: 166 @5610 has 22 MA's), (200, 5697), (220, 5754), (223, 5766), (225, 5769), (235, 5793), (249, 5808), (269, 5856), (271, 5862), (282, 5889), (309, 5958), (334, 6030), (341, 6042), (357, 6072), (369, 6099), (381, 6126), (392, 6159), (393, 6162), (413, 6201), (442, 6255), (492, 6342),

Gene: RockyHorror_32 Start: 27441, Stop: 28442, Start Num: 63
Candidate Starts for RockyHorror_32:
(8, 26961), (16, 27000), (24, 27153), (28, 27189), (Start: 63 @27441 has 221 MA's), (91, 27516), (Start: 102 @27549 has 1 MA's), (116, 27579), (124, 27600), (Start: 160 @27684 has 1 MA's), (Start: 174 @27708 has 20 MA's), (Start: 184 @27723 has 1 MA's), (187, 27735), (220, 27846), (270, 27960), (277, 27978), (294, 28017), (304, 28041), (317, 28077), (322, 28104), (343, 28143), (392, 28251), (424, 28311), (448, 28356), (455, 28368), (470, 28398),

Gene: Rohr_11 Start: 6266, Stop: 7234, Start Num: 71
Candidate Starts for Rohr_11:
(Start: 71 @6266 has 225 MA's), (Start: 87 @6299 has 5 MA's), (92, 6317), (Start: 94 @6320 has 1 MA's), (203, 6587), (220, 6638), (223, 6650), (264, 6725), (284, 6788), (299, 6821), (304, 6833), (309, 6851), (313, 6866), (317, 6869), (321, 6893), (343, 6932), (384, 7013), (392, 7037), (393, 7040), (394, 7043), (402, 7052), (446, 7139), (470, 7184), (490, 7226),

Gene: Roimos_10 Start: 5706, Stop: 6446, Start Num: 166
Candidate Starts for Roimos_10:
(Start: 166 @5706 has 22 MA's), (200, 5793), (220, 5850), (223, 5862), (225, 5865), (235, 5889), (249, 5904), (269, 5952), (271, 5958), (282, 5985), (309, 6054), (334, 6126), (357, 6168), (369, 6195), (381, 6222), (392, 6255), (393, 6258), (413, 6297), (492, 6438),

Gene: RomaT_47 Start: 42310, Stop: 43374, Start Num: 52
Candidate Starts for RomaT_47:
(Start: 52 @42310 has 53 MA's), (Start: 77 @42373 has 3 MA's), (110, 42454), (138, 42520), (144, 42535), (147, 42547), (161, 42574), (188, 42631), (190, 42640), (242, 42787), (251, 42802), (269, 42856), (282, 42889), (301, 42928), (305, 42940), (331, 43021), (343, 43039), (344, 43042), (369, 43087), (416, 43198), (475, 43309), (486, 43330), (499, 43363),

Gene: Romney_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Romney_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Ronan_248 Start: 142911, Stop: 143939, Start Num: 57
Candidate Starts for Ronan_248:
(Start: 57 @142911 has 189 MA's), (Start: 67 @142941 has 3 MA's), (91, 142995), (116, 143058), (124, 143079), (Start: 160 @143163 has 1 MA's), (Start: 184 @143205 has 1 MA's), (187, 143217), (189, 143232), (210, 143301), (220, 143328), (244, 143382), (261, 143427), (262, 143430), (288, 143508), (299, 143529), (343, 143640), (386, 143730), (392, 143748), (430, 143820), (448, 143853),

Gene: Roosevelt_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Roosevelt_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Roots515_255 Start: 146075, Stop: 147103, Start Num: 57
Candidate Starts for Roots515_255:
(Start: 57 @146075 has 189 MA's), (Start: 67 @146105 has 3 MA's), (73, 146117), (91, 146159), (116, 146222), (124, 146243), (Start: 160 @146327 has 1 MA's), (Start: 184 @146369 has 1 MA's), (187,

146381), (189, 146396), (210, 146465), (220, 146492), (244, 146546), (261, 146591), (262, 146594), (288, 146672), (299, 146693), (343, 146804), (386, 146894), (392, 146912), (430, 146984), (448, 147017),

Gene: Rope_39 Start: 34990, Stop: 36039, Start Num: 63
Candidate Starts for Rope_39:
(Start: 63 @34990 has 221 MA's), (95, 35074), (97, 35083), (105, 35107), (116, 35137), (124, 35158), (140, 35194), (147, 35215), (151, 35224), (Start: 160 @35242 has 1 MA's), (190, 35311), (245, 35464), (277, 35563), (287, 35590), (317, 35662), (340, 35716), (413, 35869), (426, 35893), (430, 35902), (454, 35944), (455, 35947), (457, 35953), (460, 35962), (483, 35998), (488, 36007), (493, 36016),

Gene: Rosa24_9 Start: 5856, Stop: 6836, Start Num: 84
Candidate Starts for Rosa24_9:
(Start: 84 @5856 has 125 MA's), (Start: 94 @5883 has 1 MA's), (Start: 101 @5904 has 1 MA's), (Start: 102 @5907 has 1 MA's), (200, 6156), (220, 6213), (223, 6225), (251, 6276), (265, 6297), (280, 6345), (306, 6402), (363, 6552), (417, 6675), (421, 6687), (456, 6753),

Gene: Rose5_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for Rose5_26:
(Start: 64 @25547 has 22 MA's), (120, 25700), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (Start: 176 @25823 has 165 MA's), (185, 25838), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420), (419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: RoseMarie_40 Start: 34197, Stop: 35168, Start Num: 85
Candidate Starts for RoseMarie_40:
(79, 34182), (Start: 85 @34197 has 15 MA's), (Start: 94 @34221 has 1 MA's), (98, 34236), (119, 34287), (152, 34374), (173, 34407), (185, 34431), (187, 34440), (196, 34485), (200, 34497), (210, 34524), (220, 34551), (244, 34608), (270, 34665), (273, 34674), (274, 34677), (320, 34779), (384, 34932), (385, 34935), (410, 34995), (413, 34998), (416, 35007), (419, 35016), (442, 35052), (450, 35067), (466, 35106), (482, 35139),

Gene: Rosmarinus_31 Start: 26482, Stop: 27354, Start Num: 176
Candidate Starts for Rosmarinus_31:
(44, 26152), (125, 26380), (157, 26455), (Start: 176 @26482 has 165 MA's), (Start: 184 @26494 has 1 MA's), (200, 26563), (210, 26590), (217, 26620), (220, 26629), (233, 26665), (238, 26674), (257, 26707), (264, 26725), (271, 26755), (301, 26815), (350, 26950), (364, 26977), (373, 26998), (381, 27022), (398, 27073), (419, 27175), (442, 27211), (455, 27235), (495, 27334), (498, 27343),

Gene: Rowdy_13 Start: 5759, Stop: 6733, Start Num: 72
Candidate Starts for Rowdy_13:
(Start: 72 @5759 has 61 MA's), (Start: 94 @5813 has 1 MA's), (109, 5861), (155, 5966), (220, 6128), (225, 6143), (233, 6164), (269, 6236), (274, 6251), (304, 6320), (309, 6338), (322, 6383), (330, 6401), (369, 6479), (381, 6506), (386, 6521), (393, 6542), (413, 6581), (440, 6632), (460, 6674), (492, 6725),

Gene: Royals2015_31 Start: 27614, Stop: 28615, Start Num: 63
Candidate Starts for Royals2015_31:
(Start: 63 @27614 has 221 MA's), (91, 27689), (116, 27752), (124, 27773), (Start: 160 @27857 has 1 MA's), (Start: 174 @27881 has 20 MA's), (Start: 184 @27896 has 1 MA's), (187, 27908), (220, 28019), (270, 28133), (277, 28151), (294, 28190), (304, 28214), (317, 28250), (322, 28277), (343, 28316), (369, 28364), (392, 28424), (424, 28484), (448, 28529), (455, 28541), (470, 28571),

Gene: Rubeus_10 Start: 5590, Stop: 6558, Start Num: 71
Candidate Starts for Rubeus_10:
(Start: 71 @5590 has 225 MA's), (Start: 87 @5623 has 5 MA's), (92, 5641), (Start: 94 @5644 has 1 MA's), (203, 5911), (220, 5962), (223, 5974), (264, 6049), (284, 6112), (289, 6124), (299, 6145), (304, 6157), (309, 6175), (317, 6193), (321, 6217), (343, 6256), (384, 6337), (392, 6361), (393, 6364), (394, 6367), (402, 6376), (446, 6463), (490, 6550),

Gene: Ruby_33 Start: 28455, Stop: 29525, Start Num: 63
Candidate Starts for Ruby_33:
(43, 28404), (Start: 63 @28455 has 221 MA's), (Start: 67 @28476 has 3 MA's), (Start: 70 @28482 has 1 MA's), (Start: 87 @28509 has 5 MA's), (90, 28518), (110, 28578), (123, 28605), (147, 28671), (Start: 181 @28725 has 57 MA's), (190, 28767), (203, 28818), (229, 28902), (242, 28932), (255, 28965), (276, 29040), (284, 29061), (331, 29190), (369, 29262), (410, 29358), (416, 29370), (455, 29439), (483, 29496), (488, 29505),

Gene: Rufus_10 Start: 5647, Stop: 6615, Start Num: 71
Candidate Starts for Rufus_10:
(Start: 71 @5647 has 225 MA's), (Start: 87 @5680 has 5 MA's), (92, 5698), (Start: 94 @5701 has 1 MA's), (203, 5968), (220, 6019), (223, 6031), (264, 6106), (284, 6169), (299, 6202), (309, 6232), (317, 6250), (321, 6274), (343, 6313), (384, 6394), (392, 6418), (393, 6421), (394, 6424), (402, 6433), (446, 6520), (490, 6607),

Gene: Ruin_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Ruin_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Rummer_12 Start: 6046, Stop: 7011, Start Num: 65
Candidate Starts for Rummer_12:
(Start: 65 @6046 has 101 MA's), (88, 6091), (Start: 94 @6112 has 1 MA's), (139, 6232), (200, 6370), (220, 6427), (225, 6442), (269, 6523), (274, 6538), (282, 6556), (304, 6607), (309, 6625), (322, 6670), (369, 6766), (393, 6829), (413, 6868), (440, 6919),

Gene: Ruotula_9 Start: 6208, Stop: 7176, Start Num: 71
Candidate Starts for Ruotula_9:
(Start: 71 @6208 has 225 MA's), (Start: 87 @6241 has 5 MA's), (92, 6259), (Start: 94 @6262 has 1 MA's), (203, 6529), (220, 6580), (223, 6592), (264, 6667), (284, 6730), (289, 6742), (299, 6763), (304, 6775), (309, 6793), (317, 6811), (321, 6835), (343, 6874), (384, 6955), (392, 6979), (393, 6982), (394, 6985), (402, 6994), (446, 7081), (490, 7168),

Gene: Rutherferd_11 Start: 6108, Stop: 7076, Start Num: 71
Candidate Starts for Rutherferd_11:
(Start: 71 @6108 has 225 MA's), (Start: 87 @6141 has 5 MA's), (92, 6159), (Start: 94 @6162 has 1 MA's), (Start: 184 @6351 has 1 MA's), (203, 6429), (220, 6480), (223, 6492), (264, 6567), (284, 6630), (299, 6663), (304, 6675), (309, 6693), (317, 6711), (321, 6735), (343, 6774), (384, 6855), (392, 6879), (393, 6882), (394, 6885), (402, 6894), (446, 6981), (490, 7068),

Gene: Ruthiejr_33 Start: 27519, Stop: 28310, Start Num: 162
Candidate Starts for Ruthiejr_33:
(Start: 162 @27519 has 23 MA's), (Start: 184 @27552 has 1 MA's), (190, 27585), (196, 27609), (203, 27630), (208, 27639), (214, 27669), (217, 27678), (220, 27687), (233, 27723), (273, 27804), (350,

28011), (364, 28038), (373, 28059), (379, 28074), (381, 28083), (418, 28107), (448, 28161), (455, 28173), (479, 28245),

Gene: Ryadel_71 Start: 44253, Stop: 45293, Start Num: 62
Candidate Starts for Ryadel_71:
(Start: 62 @44253 has 32 MA's), (91, 44328), (116, 44409), (119, 44415), (124, 44430), (158, 44511), (Start: 160 @44514 has 1 MA's), (187, 44568), (189, 44583), (220, 44679), (235, 44718), (248, 44748), (261, 44778), (262, 44781), (271, 44814), (299, 44880), (311, 44919), (317, 44928), (322, 44955), (343, 44994), (428, 45168), (455, 45219),

Gene: SG4_32 Start: 28164, Stop: 29234, Start Num: 63
Candidate Starts for SG4_32:
(43, 28110), (Start: 63 @28164 has 221 MA's), (147, 28380), (149, 28383), (Start: 181 @28434 has 57 MA's), (190, 28476), (203, 28527), (242, 28641), (255, 28674), (276, 28749), (284, 28770), (331, 28899), (369, 28971), (410, 29067), (416, 29079), (455, 29148), (483, 29205), (488, 29214),

Gene: STLscum_11 Start: 6179, Stop: 7147, Start Num: 71
Candidate Starts for STLscum_11:
(Start: 71 @6179 has 225 MA's), (Start: 87 @6212 has 5 MA's), (92, 6230), (Start: 94 @6233 has 1 MA's), (Start: 184 @6422 has 1 MA's), (203, 6500), (220, 6551), (223, 6563), (264, 6638), (284, 6701), (299, 6734), (304, 6746), (309, 6764), (317, 6782), (343, 6845), (384, 6926), (392, 6950), (393, 6953), (394, 6956), (402, 6965), (446, 7052), (470, 7097), (490, 7139),

Gene: SVoro_247 Start: 144832, Stop: 145860, Start Num: 57
Candidate Starts for SVoro_247:
(Start: 57 @144832 has 189 MA's), (Start: 67 @144862 has 3 MA's), (73, 144874), (91, 144916), (116, 144979), (124, 145000), (Start: 160 @145084 has 1 MA's), (Start: 184 @145126 has 1 MA's), (187, 145138), (189, 145153), (210, 145222), (220, 145249), (244, 145303), (261, 145348), (262, 145351), (288, 145429), (299, 145450), (343, 145561), (386, 145651), (392, 145669), (430, 145741), (448, 145774),

Gene: Saal_31 Start: 27571, Stop: 28572, Start Num: 63
Candidate Starts for Saal_31:
(Start: 63 @27571 has 221 MA's), (91, 27646), (Start: 102 @27679 has 1 MA's), (116, 27709), (124, 27730), (138, 27760), (142, 27772), (Start: 160 @27814 has 1 MA's), (Start: 174 @27838 has 20 MA's), (Start: 184 @27853 has 1 MA's), (187, 27865), (220, 27976), (270, 28090), (277, 28108), (294, 28147), (304, 28171), (317, 28207), (343, 28273), (392, 28381), (416, 28429), (424, 28441), (448, 28486), (455, 28498), (470, 28528),

Gene: Sabbb_32 Start: 27916, Stop: 28917, Start Num: 63
Candidate Starts for Sabbb_32:
(Start: 63 @27916 has 221 MA's), (91, 27991), (Start: 102 @28024 has 1 MA's), (116, 28054), (124, 28075), (138, 28105), (Start: 160 @28159 has 1 MA's), (Start: 174 @28183 has 20 MA's), (Start: 184 @28198 has 1 MA's), (187, 28210), (220, 28321), (270, 28435), (277, 28453), (294, 28492), (304, 28516), (317, 28552), (322, 28579), (343, 28618), (392, 28726), (416, 28774), (424, 28786), (448, 28831), (455, 28843), (470, 28873),

Gene: Sabertooth_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Sabertooth_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Sabia_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for Sabia_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: Sabinator_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Sabinator_12:
(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Sagefire_11 Start: 6861, Stop: 7829, Start Num: 71
Candidate Starts for Sagefire_11:
(Start: 71 @6861 has 225 MA's), (Start: 87 @6894 has 5 MA's), (92, 6912), (Start: 94 @6915 has 1 MA's), (203, 7182), (220, 7233), (223, 7245), (264, 7320), (284, 7383), (289, 7395), (299, 7416), (304, 7428), (309, 7446), (317, 7464), (321, 7488), (343, 7527), (384, 7608), (392, 7632), (393, 7635), (394, 7638), (402, 7647), (446, 7734), (490, 7821),

Gene: Saintus_8 Start: 4850, Stop: 5659, Start Num: 181
Candidate Starts for Saintus_8:
(Start: 181 @4850 has 57 MA's), (202, 4934), (213, 4979), (260, 5105), (343, 5339), (355, 5378), (362, 5396), (378, 5429), (382, 5447), (444, 5516), (495, 5645),

Gene: Salacia_254 Start: 146399, Stop: 147427, Start Num: 57
Candidate Starts for Salacia_254:
(Start: 57 @146399 has 189 MA's), (Start: 67 @146429 has 3 MA's), (73, 146441), (91, 146483), (116, 146546), (124, 146567), (Start: 160 @146651 has 1 MA's), (Start: 184 @146693 has 1 MA's), (187, 146705), (189, 146720), (210, 146789), (220, 146816), (244, 146870), (261, 146915), (262, 146918), (288, 146996), (299, 147017), (343, 147128), (386, 147218), (392, 147236), (430, 147308), (448, 147341),

Gene: SamScheppers_32 Start: 28032, Stop: 28823, Start Num: 162
Candidate Starts for SamScheppers_32:
(Start: 162 @28032 has 23 MA's), (Start: 184 @28065 has 1 MA's), (190, 28098), (196, 28122), (203, 28143), (208, 28152), (214, 28182), (217, 28191), (220, 28200), (233, 28236), (273, 28317), (350, 28524), (364, 28551), (373, 28572), (379, 28587), (381, 28596), (418, 28620), (448, 28674), (455, 28686), (479, 28758),

Gene: Samty_28 Start: 26853, Stop: 27896, Start Num: 80
Candidate Starts for Samty_28:
(Start: 80 @26853 has 47 MA's), (Start: 83 @26859 has 55 MA's), (92, 26886), (99, 26907), (115, 26958), (149, 27039), (191, 27144), (218, 27225), (220, 27231), (267, 27327), (272, 27345), (274, 27351), (277, 27357), (309, 27429), (325, 27486), (328, 27489), (353, 27546), (385, 27621), (392, 27642), (410, 27666), (418, 27681), (426, 27693), (455, 27750), (495, 27852), (501, 27873),

Gene: SamuelLPlaqson_31 Start: 26382, Stop: 27254, Start Num: 176
Candidate Starts for SamuelLPlaqson_31:
(125, 26280), (157, 26355), (Start: 176 @26382 has 165 MA's), (Start: 184 @26394 has 1 MA's), (200, 26463), (210, 26490), (217, 26520), (220, 26529), (233, 26565), (238, 26574), (257, 26607), (264, 26625), (301, 26715), (350, 26850), (364, 26877), (373, 26898), (381, 26922), (398, 26973), (419, 27075), (442, 27111), (455, 27135), (495, 27234), (498, 27243),

Gene: Sandaddy_9 Start: 6038, Stop: 6952, Start Num: 94
Candidate Starts for Sandaddy_9:
(Start: 71 @5984 has 225 MA's), (Start: 87 @6017 has 5 MA's), (92, 6035), (Start: 94 @6038 has 1 MA's), (203, 6305), (220, 6356), (223, 6368), (264, 6443), (284, 6506), (299, 6539), (304, 6551), (309, 6569), (317, 6587), (343, 6650), (384, 6731), (392, 6755), (393, 6758), (394, 6761), (402, 6770), (446, 6857), (470, 6902), (490, 6944),

Gene: Sandalphon_32 Start: 28302, Stop: 29303, Start Num: 63
Candidate Starts for Sandalphon_32:
(Start: 63 @28302 has 221 MA's), (91, 28377), (Start: 102 @28410 has 1 MA's), (116, 28440), (124, 28461), (Start: 160 @28545 has 1 MA's), (Start: 174 @28569 has 20 MA's), (Start: 184 @28584 has 1 MA's), (187, 28596), (220, 28707), (270, 28821), (277, 28839), (294, 28878), (304, 28902), (317, 28938), (322, 28965), (343, 29004), (392, 29112), (424, 29172), (455, 29229), (470, 29259),

Gene: Sanya_10 Start: 6646, Stop: 7614, Start Num: 71
Candidate Starts for Sanya_10:
(Start: 71 @6646 has 225 MA's), (Start: 87 @6679 has 5 MA's), (92, 6697), (Start: 94 @6700 has 1 MA's), (203, 6967), (220, 7018), (223, 7030), (264, 7105), (284, 7168), (289, 7180), (299, 7201), (304, 7213), (309, 7231), (317, 7249), (321, 7273), (343, 7312), (384, 7393), (392, 7417), (393, 7420), (394, 7423), (402, 7432), (446, 7519), (490, 7606),

Gene: SarFire_10 Start: 5845, Stop: 6813, Start Num: 71
Candidate Starts for SarFire_10:
(Start: 71 @5845 has 225 MA's), (Start: 87 @5878 has 5 MA's), (92, 5896), (Start: 94 @5899 has 1 MA's), (203, 6166), (215, 6202), (220, 6217), (223, 6229), (264, 6304), (284, 6367), (299, 6400), (304, 6412), (309, 6430), (317, 6448), (321, 6472), (343, 6511), (384, 6592), (392, 6616), (393, 6619), (394, 6622), (402, 6631), (446, 6718), (490, 6805),

Gene: Sarma624_27 Start: 23733, Stop: 24731, Start Num: 55
Candidate Starts for Sarma624_27:
(Start: 55 @23733 has 35 MA's), (91, 23808), (116, 23868), (124, 23889), (Start: 160 @23973 has 1 MA's), (187, 24024), (189, 24039), (220, 24135), (264, 24222), (269, 24246), (277, 24267), (294, 24306), (299, 24318), (317, 24366), (322, 24393), (333, 24417), (343, 24432), (392, 24540), (416, 24588), (455, 24657), (470, 24687),

Gene: Sarshaun_28 Start: 26336, Stop: 27307, Start Num: 80
Candidate Starts for Sarshaun_28:
(Start: 80 @26336 has 47 MA's), (99, 26390), (144, 26510), (156, 26540), (167, 26555), (Start: 184 @26588 has 1 MA's), (185, 26591), (187, 26600), (190, 26621), (210, 26684), (220, 26711), (228, 26735), (244, 26765), (270, 26816), (274, 26828), (305, 26891), (309, 26906), (321, 26966), (327, 26981), (364, 27062), (373, 27080), (375, 27083), (376, 27086), (424, 27137), (448, 27182), (465, 27224), (485, 27266),

Gene: SassyB_31 Start: 27830, Stop: 28831, Start Num: 63
Candidate Starts for SassyB_31:
(Start: 63 @27830 has 221 MA's), (91, 27905), (Start: 102 @27938 has 1 MA's), (116, 27968), (124, 27989), (Start: 160 @28073 has 1 MA's), (Start: 174 @28097 has 20 MA's), (Start: 184 @28112 has 1 MA's), (187, 28124), (220, 28235), (277, 28367), (294, 28406), (304, 28430), (317, 28466), (322, 28493), (343, 28532), (392, 28640), (424, 28700), (448, 28745), (455, 28757), (470, 28787),

Gene: SaturnRing_10 Start: 5739, Stop: 6479, Start Num: 166
Candidate Starts for SaturnRing_10:

(100, 5622), (Start: 166 @5739 has 22 MA's), (200, 5826), (220, 5883), (223, 5895), (225, 5898), (235, 5922), (249, 5937), (261, 5955), (269, 5985), (271, 5991), (274, 6000), (282, 6018), (304, 6069), (309, 6087), (334, 6159), (357, 6201), (369, 6228), (381, 6255), (392, 6288), (393, 6291), (413, 6330), (492, 6471),

Gene: Sauce_249 Start: 144258, Stop: 145286, Start Num: 57
Candidate Starts for Sauce_249:
(Start: 57 @144258 has 189 MA's), (Start: 67 @144288 has 3 MA's), (73, 144300), (91, 144342), (116, 144405), (124, 144426), (Start: 160 @144510 has 1 MA's), (Start: 184 @144552 has 1 MA's), (187, 144564), (189, 144579), (210, 144648), (220, 144675), (244, 144729), (261, 144774), (262, 144777), (288, 144855), (299, 144876), (343, 144987), (386, 145077), (392, 145095), (430, 145167), (448, 145200),

Gene: Scamp_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Scamp_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Scarlett_30 Start: 25696, Stop: 26436, Start Num: 176
Candidate Starts for Scarlett_30:
(157, 25669), (Start: 176 @25696 has 165 MA's), (190, 25741), (200, 25777), (220, 25834), (233, 25870), (257, 25912), (271, 25960), (301, 26020), (350, 26155), (364, 26182), (376, 26209), (381, 26227), (418, 26251), (442, 26293), (454, 26314), (455, 26317), (495, 26416),

Gene: Schatzie_46 Start: 41633, Stop: 42505, Start Num: 154
Candidate Starts for Schatzie_46:
(Start: 154 @41633 has 32 MA's), (Start: 171 @41660 has 1 MA's), (189, 41720), (201, 41768), (220, 41834), (227, 41855), (241, 41876), (261, 41930), (290, 42011), (391, 42290), (392, 42293), (412, 42317), (438, 42353), (445, 42368), (453, 42380), (459, 42401),

Gene: SchoolBus_67 Start: 43413, Stop: 44453, Start Num: 62
Candidate Starts for SchoolBus_67:
(Start: 62 @43413 has 32 MA's), (91, 43488), (116, 43569), (119, 43575), (124, 43590), (158, 43671), (Start: 160 @43674 has 1 MA's), (187, 43728), (189, 43743), (220, 43839), (235, 43878), (248, 43908), (261, 43938), (262, 43941), (271, 43974), (299, 44040), (317, 44088), (322, 44115), (343, 44154), (428, 44328), (455, 44379),

Gene: Schuy_68 Start: 43204, Stop: 44244, Start Num: 62
Candidate Starts for Schuy_68:
(Start: 62 @43204 has 32 MA's), (91, 43279), (116, 43360), (119, 43366), (124, 43381), (158, 43462), (Start: 160 @43465 has 1 MA's), (187, 43519), (189, 43534), (220, 43630), (235, 43669), (248, 43699), (261, 43729), (262, 43732), (271, 43765), (299, 43831), (311, 43870), (317, 43879), (322, 43906), (343, 43945), (428, 44119), (455, 44170),

Gene: Scorpia_9 Start: 5152, Stop: 5961, Start Num: 181
Candidate Starts for Scorpia_9:
(148, 5089), (170, 5128), (Start: 181 @5152 has 57 MA's), (194, 5215), (213, 5281), (219, 5296), (230, 5329), (322, 5599), (343, 5641), (355, 5680), (362, 5698), (376, 5728), (486, 5926),

Gene: ScottMcG_244 Start: 143459, Stop: 144487, Start Num: 57
Candidate Starts for ScottMcG_244:

(Start: 57 @143459 has 189 MA's), (Start: 67 @143489 has 3 MA's), (73, 143501), (91, 143543), (116, 143606), (124, 143627), (Start: 160 @143711 has 1 MA's), (Start: 184 @143753 has 1 MA's), (187, 143765), (189, 143780), (210, 143849), (220, 143876), (244, 143930), (261, 143975), (262, 143978), (288, 144056), (299, 144077), (343, 144188), (386, 144278), (392, 144296), (430, 144368), (448, 144401),

Gene: Scottish_32 Start: 28820, Stop: 29821, Start Num: 63
Candidate Starts for Scottish_32:
(34, 28658), (Start: 63 @28820 has 221 MA's), (91, 28895), (Start: 102 @28928 has 1 MA's), (116, 28958), (124, 28979), (138, 29009), (142, 29021), (Start: 160 @29063 has 1 MA's), (Start: 174 @29087 has 20 MA's), (Start: 184 @29102 has 1 MA's), (187, 29114), (220, 29225), (270, 29339), (277, 29357), (294, 29396), (304, 29420), (317, 29456), (322, 29483), (343, 29522), (369, 29570), (392, 29630), (416, 29678), (424, 29690), (448, 29735), (455, 29747), (470, 29777),

Gene: Scout_10 Start: 5032, Stop: 5772, Start Num: 166
Candidate Starts for Scout_10:
(Start: 166 @5032 has 22 MA's), (200, 5119), (220, 5176), (223, 5188), (225, 5191), (235, 5215), (249, 5230), (261, 5248), (269, 5278), (271, 5284), (282, 5311), (309, 5380), (334, 5452), (357, 5494), (369, 5521), (381, 5548), (392, 5581), (393, 5584), (413, 5623), (492, 5764),

Gene: Scowl_11 Start: 6537, Stop: 7505, Start Num: 71
Candidate Starts for Scowl_11:
(Start: 71 @6537 has 225 MA's), (Start: 87 @6570 has 5 MA's), (92, 6588), (Start: 94 @6591 has 1 MA's), (203, 6858), (220, 6909), (223, 6921), (264, 6996), (284, 7059), (289, 7071), (299, 7092), (304, 7104), (309, 7122), (317, 7140), (321, 7164), (343, 7203), (384, 7284), (392, 7308), (393, 7311), (394, 7314), (402, 7323), (446, 7410), (490, 7497),

Gene: SeaLumen_34 Start: 27698, Stop: 28699, Start Num: 63
Candidate Starts for SeaLumen_34:
(Start: 63 @27698 has 221 MA's), (91, 27773), (Start: 102 @27806 has 1 MA's), (116, 27836), (124, 27857), (Start: 160 @27941 has 1 MA's), (Start: 174 @27965 has 20 MA's), (Start: 184 @27980 has 1 MA's), (187, 27992), (220, 28103), (270, 28217), (277, 28235), (294, 28274), (304, 28298), (317, 28334), (322, 28361), (343, 28400), (369, 28448), (392, 28508), (416, 28556), (424, 28568), (448, 28613), (455, 28625), (470, 28655),

Gene: Seabastian_31 Start: 27728, Stop: 28729, Start Num: 63
Candidate Starts for Seabastian_31:
(1, 27107), (3, 27185), (7, 27248), (15, 27287), (21, 27419), (24, 27440), (28, 27476), (37, 27629), (Start: 63 @27728 has 221 MA's), (Start: 67 @27749 has 3 MA's), (73, 27761), (91, 27803), (Start: 102 @27836 has 1 MA's), (116, 27866), (124, 27887), (Start: 160 @27971 has 1 MA's), (Start: 174 @27995 has 20 MA's), (Start: 184 @28010 has 1 MA's), (187, 28022), (220, 28133), (270, 28247), (277, 28265), (294, 28304), (304, 28328), (317, 28364), (322, 28391), (343, 28430), (392, 28538), (416, 28586), (424, 28598), (446, 28640), (448, 28643), (455, 28655), (470, 28685),

Gene: Seabiscuit_11 Start: 5728, Stop: 6696, Start Num: 71
Candidate Starts for Seabiscuit_11:
(Start: 71 @5728 has 225 MA's), (Start: 87 @5761 has 5 MA's), (92, 5779), (Start: 94 @5782 has 1 MA's), (203, 6049), (220, 6100), (223, 6112), (264, 6187), (284, 6250), (299, 6283), (304, 6295), (309, 6313), (317, 6331), (321, 6355), (343, 6394), (384, 6475), (392, 6499), (393, 6502), (394, 6505), (402, 6514), (446, 6601), (490, 6688),

Gene: Seagreen_32 Start: 27637, Stop: 28638, Start Num: 63
Candidate Starts for Seagreen_32:

(Start: 63 @27637 has 221 MA's), (91, 27712), (Start: 102 @27745 has 1 MA's), (116, 27775), (124, 27796), (Start: 160 @27880 has 1 MA's), (Start: 174 @27904 has 20 MA's), (Start: 184 @27919 has 1 MA's), (187, 27931), (220, 28042), (270, 28156), (277, 28174), (294, 28213), (304, 28237), (317, 28273), (322, 28300), (343, 28339), (392, 28447), (416, 28495), (424, 28507), (448, 28552), (455, 28564), (470, 28594),

Gene: Seanderson_11 Start: 6516, Stop: 7478, Start Num: 71
Candidate Starts for Seanderson_11:
(Start: 71 @6516 has 225 MA's), (Start: 87 @6549 has 5 MA's), (92, 6567), (Start: 94 @6570 has 1 MA's), (187, 6771), (203, 6837), (220, 6882), (265, 6972), (294, 7053), (299, 7065), (304, 7077), (309, 7095), (317, 7113), (321, 7137), (343, 7176), (384, 7257), (392, 7281), (393, 7284), (394, 7287), (402, 7296), (436, 7362), (446, 7383), (490, 7470),

Gene: Sebata_252 Start: 145118, Stop: 146146, Start Num: 57
Candidate Starts for Sebata_252:
(Start: 57 @145118 has 189 MA's), (Start: 67 @145148 has 3 MA's), (91, 145202), (116, 145265), (124, 145286), (Start: 160 @145370 has 1 MA's), (Start: 184 @145412 has 1 MA's), (187, 145424), (189, 145439), (210, 145508), (220, 145535), (244, 145589), (261, 145634), (262, 145637), (288, 145715), (299, 145736), (343, 145847), (386, 145937), (392, 145955), (430, 146027), (448, 146060),

Gene: SemperFi_13 Start: 6800, Stop: 7792, Start Num: 83
Candidate Starts for SemperFi_13:
(Start: 83 @6800 has 55 MA's), (Start: 101 @6851 has 1 MA's), (Start: 102 @6854 has 1 MA's), (112, 6887), (119, 6902), (179, 7022), (Start: 184 @7028 has 1 MA's), (205, 7115), (220, 7160), (278, 7292), (294, 7331), (310, 7379), (338, 7460), (358, 7502), (393, 7589), (417, 7637), (448, 7703), (481, 7778),

Gene: Send513_39 Start: 35346, Stop: 36395, Start Num: 63
Candidate Starts for Send513_39:
(Start: 63 @35346 has 221 MA's), (95, 35430), (97, 35439), (105, 35463), (116, 35493), (124, 35514), (131, 35532), (140, 35550), (147, 35571), (151, 35580), (Start: 160 @35598 has 1 MA's), (Start: 181 @35625 has 57 MA's), (190, 35667), (216, 35757), (234, 35799), (245, 35820), (277, 35919), (287, 35946), (317, 36018), (340, 36072), (410, 36222), (426, 36249), (430, 36258), (454, 36300), (455, 36303), (457, 36309), (460, 36318), (483, 36354), (488, 36363), (493, 36372),

Gene: SenorClean_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for SenorClean_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Serenity_10 Start: 5599, Stop: 6363, Start Num: 176
Candidate Starts for Serenity_10:
(Start: 176 @5599 has 165 MA's), (220, 5743), (270, 5857), (274, 5869), (304, 5938), (309, 5956), (330, 6019), (369, 6097), (381, 6124), (386, 6139), (392, 6157), (393, 6160), (440, 6250), (471, 6319),

Gene: Severus_9 Start: 3780, Stop: 4754, Start Num: 72
Candidate Starts for Severus_9:
(59, 3741), (Start: 72 @3780 has 61 MA's), (88, 3813), (Start: 94 @3834 has 1 MA's), (Start: 166 @4002 has 22 MA's), (187, 4044), (189, 4059), (220, 4164), (264, 4236), (270, 4263), (271, 4266), (274, 4275), (309, 4362), (369, 4509), (393, 4572), (413, 4611), (436, 4653),

Gene: SgtBeansprout_27 Start: 25978, Stop: 26736, Start Num: 174

Candidate Starts for SgtBeansprout_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Shaboozey_41 Start: 36415, Stop: 37287, Start Num: 154
Candidate Starts for Shaboozey_41:
(Start: 154 @36415 has 32 MA's), (Start: 171 @36442 has 1 MA's), (189, 36502), (201, 36550), (220, 36616), (227, 36637), (241, 36658), (261, 36712), (290, 36793), (391, 37072), (392, 37075), (412, 37099), (438, 37135), (445, 37150), (453, 37162), (459, 37183), (489, 37255),

Gene: Shadow1_30 Start: 25713, Stop: 26456, Start Num: 176
Candidate Starts for Shadow1_30:
(125, 25611), (133, 25632), (148, 25665), (157, 25686), (Start: 176 @25713 has 165 MA's), (189, 25755), (190, 25761), (200, 25797), (217, 25845), (220, 25854), (233, 25890), (257, 25932), (301, 26040), (350, 26175), (360, 26190), (364, 26202), (373, 26223), (387, 26238), (402, 26247), (413, 26259), (448, 26325), (478, 26406), (490, 26427), (495, 26436),

Gene: Shaka_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Shaka_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Shaobing_31 Start: 25850, Stop: 26611, Start Num: 176
Candidate Starts for Shaobing_31:
(157, 25820), (Start: 176 @25850 has 165 MA's), (190, 25895), (200, 25931), (218, 25991), (220, 25997), (231, 26027), (233, 26033), (238, 26042), (257, 26075), (269, 26117), (295, 26168), (301, 26183), (350, 26318), (364, 26345), (373, 26366), (376, 26372), (381, 26390), (418, 26423), (419, 26429), (448, 26477), (474, 26549), (495, 26591), (498, 26600),

Gene: Shapes_13 Start: 5759, Stop: 6733, Start Num: 72
Candidate Starts for Shapes_13:
(Start: 72 @5759 has 61 MA's), (Start: 94 @5813 has 1 MA's), (109, 5861), (155, 5966), (220, 6128), (225, 6143), (233, 6164), (269, 6236), (274, 6251), (304, 6320), (309, 6338), (322, 6383), (330, 6401), (369, 6479), (381, 6506), (386, 6521), (393, 6542), (413, 6581), (440, 6632), (460, 6674), (492, 6725),

Gene: Shaqnato_243 Start: 143667, Stop: 144695, Start Num: 57
Candidate Starts for Shaqnato_243:
(Start: 57 @143667 has 189 MA's), (Start: 67 @143697 has 3 MA's), (91, 143751), (116, 143814), (124, 143835), (Start: 160 @143919 has 1 MA's), (Start: 184 @143961 has 1 MA's), (187, 143973), (189, 143988), (210, 144057), (220, 144084), (244, 144138), (261, 144183), (262, 144186), (288, 144264), (299, 144285), (343, 144396), (386, 144486), (392, 144504), (430, 144576), (448, 144609),

Gene: Shauna1_28 Start: 26660, Stop: 27658, Start Num: 55
Candidate Starts for Shauna1_28:
(Start: 55 @26660 has 35 MA's), (91, 26735), (116, 26795), (124, 26816), (Start: 160 @26900 has 1 MA's), (187, 26951), (189, 26966), (220, 27062), (264, 27149), (269, 27173), (277, 27194), (294, 27233), (299, 27245), (317, 27293), (322, 27320), (333, 27344), (343, 27359), (392, 27467), (416, 27515), (455, 27584), (470, 27614),

Gene: ShedlockHolmes_32 Start: 27460, Stop: 28248, Start Num: 176
Candidate Starts for ShedlockHolmes_32:
(157, 27436), (Start: 176 @27460 has 165 MA's), (190, 27505), (200, 27541), (217, 27598), (220, 27607), (233, 27643), (264, 27697), (269, 27721), (323, 27862), (350, 27925), (364, 27967), (373, 27988), (376, 27994), (381, 28012), (416, 28042), (455, 28111), (479, 28183), (495, 28213),

Gene: Sheen_12 Start: 7592, Stop: 8332, Start Num: 177
Candidate Starts for Sheen_12:
(140, 7544), (Start: 177 @7592 has 9 MA's), (189, 7628), (220, 7733), (264, 7805), (270, 7832), (274, 7844), (282, 7862), (309, 7931), (330, 7994), (357, 8045), (369, 8072), (381, 8099), (393, 8135), (416, 8183), (440, 8225),

Gene: SheldonCooper_10 Start: 5859, Stop: 6839, Start Num: 84
Candidate Starts for SheldonCooper_10:
(Start: 84 @5859 has 125 MA's), (Start: 94 @5886 has 1 MA's), (Start: 101 @5907 has 1 MA's), (Start: 102 @5910 has 1 MA's), (200, 6159), (220, 6216), (223, 6228), (251, 6279), (265, 6300), (280, 6348), (306, 6405), (363, 6555), (417, 6678), (421, 6690), (456, 6756),

Gene: Shelob_253 Start: 146393, Stop: 147421, Start Num: 57
Candidate Starts for Shelob_253:
(Start: 57 @146393 has 189 MA's), (Start: 67 @146423 has 3 MA's), (73, 146435), (91, 146477), (116, 146540), (124, 146561), (Start: 160 @146645 has 1 MA's), (Start: 184 @146687 has 1 MA's), (187, 146699), (189, 146714), (210, 146783), (220, 146810), (244, 146864), (261, 146909), (262, 146912), (288, 146990), (299, 147011), (343, 147122), (386, 147212), (392, 147230), (430, 147302), (448, 147335),

Gene: Shenandoah_47 Start: 41509, Stop: 42573, Start Num: 52
Candidate Starts for Shenandoah_47:
(Start: 52 @41509 has 53 MA's), (Start: 77 @41572 has 3 MA's), (110, 41653), (138, 41719), (144, 41734), (147, 41746), (161, 41773), (188, 41830), (190, 41839), (242, 41986), (251, 42001), (269, 42055), (282, 42088), (301, 42127), (305, 42139), (331, 42220), (343, 42238), (344, 42241), (416, 42397), (475, 42508), (486, 42529), (499, 42562),

Gene: Shep_10 Start: 4987, Stop: 5727, Start Num: 166
Candidate Starts for Shep_10:
(Start: 166 @4987 has 22 MA's), (200, 5074), (220, 5131), (223, 5143), (225, 5146), (235, 5170), (249, 5185), (269, 5233), (271, 5239), (282, 5266), (309, 5335), (334, 5407), (357, 5449), (369, 5476), (381, 5503), (392, 5536), (393, 5539), (413, 5578), (492, 5719),

Gene: ShiLan_31 Start: 27740, Stop: 28741, Start Num: 63
Candidate Starts for ShiLan_31:
(Start: 63 @27740 has 221 MA's), (Start: 67 @27761 has 3 MA's), (73, 27773), (91, 27815), (116, 27878), (124, 27899), (138, 27929), (Start: 160 @27983 has 1 MA's), (Start: 174 @28007 has 20 MA's), (Start: 184 @28022 has 1 MA's), (187, 28034), (220, 28145), (270, 28259), (277, 28277), (294, 28316), (304, 28340), (317, 28376), (322, 28403), (343, 28442), (369, 28490), (392, 28550), (424, 28610), (455, 28667), (470, 28697),

Gene: ShiaLabeouf_250 Start: 144252, Stop: 145280, Start Num: 57
Candidate Starts for ShiaLabeouf_250:
(Start: 57 @144252 has 189 MA's), (Start: 67 @144282 has 3 MA's), (73, 144294), (91, 144336), (116, 144399), (124, 144420), (Start: 160 @144504 has 1 MA's), (Start: 184 @144546 has 1 MA's), (187, 144558), (189, 144573), (210, 144642), (220, 144669), (244, 144723), (261, 144768), (262, 144771), (288, 144849), (299, 144870), (343, 144981), (386, 145071), (392, 145089), (430, 145161), (448,

145194),

Gene: ShiaSurprise_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for ShiaSurprise_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Shida_67 Start: 43111, Stop: 44151, Start Num: 62
Candidate Starts for Shida_67:
(Start: 62 @43111 has 32 MA's), (91, 43186), (116, 43267), (119, 43273), (124, 43288), (158, 43369), (Start: 160 @43372 has 1 MA's), (187, 43426), (189, 43441), (220, 43537), (235, 43576), (248, 43606), (261, 43636), (262, 43639), (271, 43672), (299, 43738), (311, 43777), (317, 43786), (322, 43813), (343, 43852), (428, 44026), (455, 44077),

Gene: Shifa_228 Start: 143726, Stop: 144754, Start Num: 57
Candidate Starts for Shifa_228:
(Start: 57 @143726 has 189 MA's), (Start: 67 @143756 has 3 MA's), (91, 143810), (116, 143873), (124, 143894), (Start: 160 @143978 has 1 MA's), (Start: 184 @144020 has 1 MA's), (187, 144032), (189, 144047), (210, 144116), (220, 144143), (244, 144197), (261, 144242), (262, 144245), (288, 144323), (299, 144344), (343, 144455), (386, 144545), (392, 144563), (430, 144635), (448, 144668),

Gene: Shnickers_251 Start: 144316, Stop: 145344, Start Num: 57
Candidate Starts for Shnickers_251:
(Start: 57 @144316 has 189 MA's), (Start: 67 @144346 has 3 MA's), (73, 144358), (91, 144400), (116, 144463), (124, 144484), (Start: 160 @144568 has 1 MA's), (Start: 184 @144610 has 1 MA's), (187, 144622), (189, 144637), (210, 144706), (220, 144733), (244, 144787), (261, 144832), (262, 144835), (288, 144913), (299, 144934), (343, 145045), (386, 145135), (392, 145153), (430, 145225), (448, 145258),

Gene: ShortQueendom_10 Start: 5652, Stop: 6620, Start Num: 71
Candidate Starts for ShortQueendom_10:
(Start: 71 @5652 has 225 MA's), (Start: 87 @5685 has 5 MA's), (92, 5703), (Start: 94 @5706 has 1 MA's), (203, 5973), (220, 6024), (223, 6036), (264, 6111), (284, 6174), (289, 6186), (299, 6207), (304, 6219), (309, 6237), (317, 6255), (321, 6279), (343, 6318), (384, 6399), (392, 6423), (393, 6426), (394, 6429), (402, 6438), (418, 6474), (446, 6525), (490, 6612),

Gene: ShowerHandel_31 Start: 27699, Stop: 28700, Start Num: 63
Candidate Starts for ShowerHandel_31:
(Start: 63 @27699 has 221 MA's), (Start: 67 @27720 has 3 MA's), (73, 27732), (91, 27774), (116, 27837), (124, 27858), (138, 27888), (Start: 160 @27942 has 1 MA's), (Start: 174 @27966 has 20 MA's), (Start: 184 @27981 has 1 MA's), (187, 27993), (220, 28104), (270, 28218), (277, 28236), (294, 28275), (304, 28299), (317, 28335), (322, 28362), (343, 28401), (369, 28449), (392, 28509), (424, 28569), (455, 28626), (470, 28656),

Gene: Shrimp_255 Start: 146010, Stop: 147038, Start Num: 57
Candidate Starts for Shrimp_255:
(Start: 57 @146010 has 189 MA's), (Start: 67 @146040 has 3 MA's), (73, 146052), (91, 146094), (116, 146157), (124, 146178), (Start: 160 @146262 has 1 MA's), (Start: 184 @146304 has 1 MA's), (187, 146316), (189, 146331), (210, 146400), (220, 146427), (244, 146481), (261, 146526), (262, 146529), (288, 146607), (299, 146628), (343, 146739), (386, 146829), (392, 146847), (430, 146919), (448, 146952),

Gene: ShroomBoi_28 Start: 26597, Stop: 27598, Start Num: 55
Candidate Starts for ShroomBoi_28:
(9, 26156), (18, 26195), (22, 26327), (25, 26348), (29, 26384), (Start: 55 @26597 has 35 MA's), (91, 26672), (Start: 102 @26705 has 1 MA's), (116, 26735), (124, 26756), (138, 26786), (142, 26798), (Start: 160 @26840 has 1 MA's), (187, 26891), (189, 26906), (220, 27002), (269, 27113), (277, 27134), (294, 27173), (299, 27185), (317, 27233), (322, 27260), (333, 27284), (343, 27299), (392, 27407), (416, 27455), (455, 27524), (470, 27554),

Gene: Shygu2_10 Start: 5881, Stop: 6864, Start Num: 83
Candidate Starts for Shygu2_10:
(Start: 83 @5881 has 55 MA's), (Start: 94 @5911 has 1 MA's), (Start: 101 @5932 has 1 MA's), (Start: 102 @5935 has 1 MA's), (186, 6115), (200, 6184), (220, 6241), (223, 6253), (237, 6283), (251, 6304), (265, 6325), (280, 6373), (306, 6430), (363, 6580), (417, 6703), (421, 6715), (429, 6724), (456, 6781), (491, 6856),

Gene: SiSi_31 Start: 27498, Stop: 28499, Start Num: 63
Candidate Starts for SiSi_31:
(Start: 63 @27498 has 221 MA's), (Start: 67 @27519 has 3 MA's), (91, 27573), (Start: 102 @27606 has 1 MA's), (116, 27636), (124, 27657), (Start: 160 @27741 has 1 MA's), (Start: 174 @27765 has 20 MA's), (Start: 184 @27780 has 1 MA's), (187, 27792), (220, 27903), (270, 28017), (277, 28035), (294, 28074), (304, 28098), (317, 28134), (322, 28161), (343, 28200), (369, 28248), (392, 28308), (424, 28368), (455, 28425), (470, 28455),

Gene: Sibs6_11 Start: 5783, Stop: 6751, Start Num: 71
Candidate Starts for Sibs6_11:
(Start: 71 @5783 has 225 MA's), (Start: 87 @5816 has 5 MA's), (92, 5834), (Start: 94 @5837 has 1 MA's), (203, 6104), (220, 6155), (223, 6167), (264, 6242), (284, 6305), (289, 6317), (299, 6338), (304, 6350), (309, 6368), (317, 6386), (321, 6410), (343, 6449), (384, 6530), (392, 6554), (393, 6557), (394, 6560), (402, 6569), (446, 6656), (490, 6743),

Gene: SilverChicken_38 Start: 27413, Stop: 28423, Start Num: 53
Candidate Starts for SilverChicken_38:
(13, 27002), (17, 27017), (29, 27209), (53, 27413), (Start: 55 @27422 has 35 MA's), (91, 27497), (Start: 102 @27530 has 1 MA's), (116, 27560), (124, 27581), (138, 27611), (142, 27623), (Start: 160 @27665 has 1 MA's), (187, 27716), (189, 27731), (220, 27827), (269, 27938), (277, 27959), (294, 27998), (299, 28010), (317, 28058), (322, 28085), (333, 28109), (343, 28124), (392, 28232), (416, 28280), (455, 28349), (470, 28379),

Gene: SilverDipper_257 Start: 145052, Stop: 146080, Start Num: 57
Candidate Starts for SilverDipper_257:
(Start: 57 @145052 has 189 MA's), (Start: 67 @145082 has 3 MA's), (73, 145094), (91, 145136), (116, 145199), (124, 145220), (Start: 160 @145304 has 1 MA's), (Start: 184 @145346 has 1 MA's), (187, 145358), (189, 145373), (210, 145442), (220, 145469), (244, 145523), (261, 145568), (262, 145571), (288, 145649), (299, 145670), (343, 145781), (386, 145871), (392, 145889), (430, 145961), (448, 145994),

Gene: Silverleaf_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for Silverleaf_26:
(Start: 64 @25547 has 22 MA's), (120, 25700), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (185, 25838), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420),

(419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: SimranZ1_34 Start: 27818, Stop: 28819, Start Num: 63
Candidate Starts for SimranZ1_34:
(12, 27359), (15, 27374), (28, 27566), (37, 27719), (Start: 63 @27818 has 221 MA's), (73, 27851), (91, 27893), (Start: 102 @27926 has 1 MA's), (116, 27956), (124, 27977), (Start: 160 @28061 has 1 MA's), (Start: 174 @28085 has 20 MA's), (Start: 184 @28100 has 1 MA's), (187, 28112), (220, 28223), (270, 28337), (277, 28355), (294, 28394), (304, 28418), (317, 28454), (322, 28481), (343, 28520), (392, 28628), (424, 28688), (448, 28733), (455, 28745), (470, 28775),

Gene: SirPhilip_30 Start: 25363, Stop: 26103, Start Num: 177
Candidate Starts for SirPhilip_30:
(Start: 177 @25363 has 9 MA's), (190, 25408), (200, 25444), (217, 25492), (220, 25501), (238, 25546), (257, 25579), (274, 25636), (300, 25684), (301, 25687), (323, 25759), (350, 25822), (360, 25837), (364, 25849), (388, 25888), (402, 25894), (442, 25960), (495, 26083), (498, 26092),

Gene: SiwenD96_255 Start: 146346, Stop: 147374, Start Num: 57
Candidate Starts for SiwenD96_255:
(Start: 57 @146346 has 189 MA's), (Start: 67 @146376 has 3 MA's), (73, 146388), (91, 146430), (116, 146493), (124, 146514), (Start: 160 @146598 has 1 MA's), (Start: 184 @146640 has 1 MA's), (187, 146652), (189, 146667), (210, 146736), (220, 146763), (244, 146817), (261, 146862), (262, 146865), (288, 146943), (299, 146964), (343, 147075), (386, 147165), (392, 147183), (430, 147255), (448, 147288),

Gene: Skadoosh_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Skadoosh_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: SkiPole_12 Start: 6159, Stop: 7127, Start Num: 71
Candidate Starts for SkiPole_12:
(Start: 71 @6159 has 225 MA's), (Start: 87 @6192 has 5 MA's), (92, 6210), (Start: 94 @6213 has 1 MA's), (203, 6480), (220, 6531), (223, 6543), (264, 6618), (284, 6681), (289, 6693), (299, 6714), (304, 6726), (309, 6744), (317, 6762), (321, 6786), (343, 6825), (384, 6906), (392, 6930), (393, 6933), (394, 6936), (402, 6945), (446, 7032), (470, 7077), (490, 7119),

Gene: Skinny_39 Start: 32223, Stop: 33194, Start Num: 85
Candidate Starts for Skinny_39:
(Start: 85 @32223 has 15 MA's), (Start: 94 @32247 has 1 MA's), (98, 32262), (152, 32400), (Start: 171 @32427 has 1 MA's), (179, 32445), (185, 32457), (187, 32466), (196, 32511), (200, 32523), (210, 32550), (220, 32577), (223, 32589), (244, 32634), (262, 32661), (270, 32691), (273, 32700), (274, 32703), (313, 32790), (320, 32805), (384, 32958), (385, 32961), (410, 33021), (416, 33033), (419, 33042), (442, 33078), (450, 33093), (466, 33132), (482, 33165),

Gene: Skipitt_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Skipitt_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Sknot_11 Start: 6484, Stop: 7461, Start Num: 72
Candidate Starts for Sknot_11:
(Start: 72 @6484 has 61 MA's), (Start: 94 @6538 has 1 MA's), (119, 6595), (189, 6727), (200, 6775), (220, 6832), (233, 6868), (264, 6916), (274, 6955), (305, 7027), (309, 7042), (322, 7087), (330, 7105), (348, 7147), (369, 7195), (381, 7222), (386, 7237), (392, 7255), (393, 7258), (440, 7348),

Gene: Slagathor_10 Start: 5601, Stop: 6569, Start Num: 71
Candidate Starts for Slagathor_10:
(Start: 71 @5601 has 225 MA's), (Start: 87 @5634 has 5 MA's), (92, 5652), (Start: 94 @5655 has 1 MA's), (203, 5922), (220, 5973), (223, 5985), (264, 6060), (284, 6123), (289, 6135), (299, 6156), (304, 6168), (309, 6186), (317, 6204), (321, 6228), (343, 6267), (384, 6348), (392, 6372), (393, 6375), (394, 6378), (402, 6387), (446, 6474), (490, 6561),

Gene: Slarp_32 Start: 27640, Stop: 28431, Start Num: 162
Candidate Starts for Slarp_32:
(Start: 162 @27640 has 23 MA's), (Start: 184 @27673 has 1 MA's), (190, 27706), (196, 27730), (203, 27751), (208, 27760), (214, 27790), (217, 27799), (220, 27808), (233, 27844), (273, 27925), (350, 28132), (364, 28159), (373, 28180), (381, 28204), (418, 28228), (448, 28282), (455, 28294), (479, 28366),

Gene: Slim_33 Start: 28891, Stop: 29892, Start Num: 63
Candidate Starts for Slim_33:
(2, 28270), (4, 28348), (8, 28411), (16, 28450), (24, 28603), (28, 28639), (Start: 63 @28891 has 221 MA's), (Start: 67 @28912 has 3 MA's), (73, 28924), (91, 28966), (116, 29029), (124, 29050), (138, 29080), (Start: 160 @29134 has 1 MA's), (Start: 174 @29158 has 20 MA's), (187, 29185), (220, 29296), (270, 29410), (277, 29428), (294, 29467), (304, 29491), (317, 29527), (322, 29554), (343, 29593), (369, 29641), (392, 29701), (416, 29749), (424, 29761), (455, 29818), (470, 29848),

Gene: SlimJimmy_37 Start: 31777, Stop: 32748, Start Num: 85
Candidate Starts for SlimJimmy_37:
(Start: 85 @31777 has 15 MA's), (Start: 94 @31801 has 1 MA's), (98, 31816), (152, 31954), (Start: 171 @31981 has 1 MA's), (179, 31999), (185, 32011), (187, 32020), (196, 32065), (200, 32077), (210, 32104), (220, 32131), (223, 32143), (244, 32188), (262, 32215), (270, 32245), (273, 32254), (274, 32257), (320, 32359), (384, 32512), (385, 32515), (410, 32575), (416, 32587), (419, 32596), (442, 32632), (450, 32647), (466, 32686), (482, 32719),

Gene: Slimphazie_31 Start: 26461, Stop: 27333, Start Num: 176
Candidate Starts for Slimphazie_31:
(157, 26434), (Start: 176 @26461 has 165 MA's), (Start: 184 @26473 has 1 MA's), (200, 26542), (210, 26569), (217, 26599), (220, 26608), (233, 26644), (238, 26653), (257, 26686), (264, 26704), (271, 26734), (300, 26791), (301, 26794), (350, 26929), (364, 26956), (373, 26977), (381, 27001), (398, 27052), (419, 27154), (442, 27190), (455, 27214), (495, 27313), (498, 27322),

Gene: SlippinJimmy_47 Start: 42302, Stop: 43366, Start Num: 52
Candidate Starts for SlippinJimmy_47:
(Start: 52 @42302 has 53 MA's), (Start: 77 @42365 has 3 MA's), (110, 42446), (138, 42512), (144, 42527), (147, 42539), (161, 42566), (188, 42623), (190, 42632), (242, 42779), (251, 42794), (269, 42848), (282, 42881), (301, 42920), (305, 42932), (331, 43013), (343, 43031), (344, 43034), (369, 43079), (416, 43190), (475, 43301), (486, 43322), (499, 43355),

Gene: Smairt_11 Start: 6456, Stop: 7424, Start Num: 71
Candidate Starts for Smairt_11:

(Start: 71 @6456 has 225 MA's), (Start: 87 @6489 has 5 MA's), (92, 6507), (Start: 94 @6510 has 1 MA's), (203, 6777), (220, 6828), (223, 6840), (264, 6915), (284, 6978), (289, 6990), (299, 7011), (304, 7023), (309, 7041), (317, 7059), (321, 7083), (343, 7122), (384, 7203), (392, 7227), (393, 7230), (394, 7233), (402, 7242), (446, 7329), (490, 7416),

Gene: SmallFry_253 Start: 144410, Stop: 145438, Start Num: 57
Candidate Starts for SmallFry_253:
(Start: 57 @144410 has 189 MA's), (Start: 67 @144440 has 3 MA's), (73, 144452), (91, 144494), (116, 144557), (124, 144578), (Start: 160 @144662 has 1 MA's), (Start: 184 @144704 has 1 MA's), (187, 144716), (189, 144731), (210, 144800), (220, 144827), (244, 144881), (261, 144926), (262, 144929), (288, 145007), (299, 145028), (343, 145139), (386, 145229), (392, 145247), (430, 145319), (448, 145352),

Gene: Smeadley_8 Start: 4870, Stop: 5679, Start Num: 181
Candidate Starts for Smeadley_8:
(Start: 181 @4870 has 57 MA's), (202, 4954), (213, 4999), (236, 5059), (260, 5125), (343, 5359), (355, 5398), (362, 5416), (378, 5449), (382, 5467), (416, 5512), (444, 5536), (495, 5665),

Gene: Smeagan_13 Start: 6868, Stop: 7860, Start Num: 83
Candidate Starts for Smeagan_13:
(Start: 83 @6868 has 55 MA's), (Start: 102 @6922 has 1 MA's), (179, 7090), (Start: 184 @7096 has 1 MA's), (189, 7123), (205, 7183), (220, 7228), (264, 7315), (278, 7360), (294, 7399), (310, 7447), (338, 7528), (358, 7570), (393, 7657), (417, 7705), (448, 7771),

Gene: Smeagol_11 Start: 6874, Stop: 7845, Start Num: 71
Candidate Starts for Smeagol_11:
(Start: 71 @6874 has 225 MA's), (Start: 87 @6907 has 5 MA's), (92, 6925), (Start: 94 @6928 has 1 MA's), (203, 7195), (220, 7246), (223, 7258), (240, 7294), (264, 7336), (284, 7399), (289, 7411), (299, 7432), (304, 7444), (309, 7462), (317, 7480), (321, 7504), (343, 7543), (384, 7624), (392, 7648), (393, 7651), (394, 7654), (402, 7663), (446, 7750), (470, 7795), (490, 7837),

Gene: Smooch_70 Start: 45157, Stop: 46197, Start Num: 62
Candidate Starts for Smooch_70:
(Start: 62 @45157 has 32 MA's), (91, 45232), (116, 45313), (119, 45319), (124, 45334), (158, 45415), (Start: 160 @45418 has 1 MA's), (187, 45472), (189, 45487), (220, 45583), (235, 45622), (248, 45652), (261, 45682), (262, 45685), (271, 45718), (299, 45784), (311, 45823), (317, 45832), (322, 45859), (343, 45898), (428, 46072), (455, 46123),

Gene: SnapTap_11 Start: 6372, Stop: 7364, Start Num: 83
Candidate Starts for SnapTap_11:
(Start: 83 @6372 has 55 MA's), (Start: 101 @6423 has 1 MA's), (Start: 102 @6426 has 1 MA's), (112, 6459), (119, 6474), (179, 6594), (Start: 184 @6600 has 1 MA's), (205, 6687), (220, 6732), (278, 6864), (294, 6903), (310, 6951), (338, 7032), (358, 7074), (393, 7161), (417, 7209), (448, 7275), (481, 7350),

Gene: Snazzy_8 Start: 5466, Stop: 6434, Start Num: 71
Candidate Starts for Snazzy_8:
(Start: 71 @5466 has 225 MA's), (Start: 87 @5499 has 5 MA's), (92, 5517), (Start: 94 @5520 has 1 MA's), (203, 5787), (220, 5838), (223, 5850), (264, 5925), (284, 5988), (289, 6000), (299, 6021), (304, 6033), (309, 6051), (317, 6069), (321, 6093), (343, 6132), (384, 6213), (392, 6237), (393, 6240), (394, 6243), (402, 6252), (446, 6339), (470, 6384), (490, 6426),

Gene: Snenia_28 Start: 26851, Stop: 27894, Start Num: 80
Candidate Starts for Snenia_28:

(Start: 80 @26851 has 47 MA's), (Start: 83 @26857 has 55 MA's), (92, 26884), (99, 26905), (115, 26956), (149, 27037), (191, 27142), (218, 27223), (220, 27229), (267, 27325), (272, 27343), (274, 27349), (277, 27355), (309, 27427), (325, 27484), (353, 27544), (385, 27619), (392, 27640), (410, 27664), (418, 27679), (426, 27691), (455, 27748), (495, 27850), (501, 27871),

Gene: Snickers_12 Start: 5936, Stop: 6901, Start Num: 65
Candidate Starts for Snickers_12:
(Start: 65 @5936 has 101 MA's), (88, 5981), (Start: 94 @6002 has 1 MA's), (139, 6122), (200, 6260), (220, 6317), (225, 6332), (269, 6413), (274, 6428), (282, 6446), (304, 6497), (309, 6515), (322, 6560), (369, 6656), (393, 6719), (413, 6758), (440, 6809),

Gene: SoSeph_30 Start: 27195, Stop: 28064, Start Num: 176
Candidate Starts for SoSeph_30:
(125, 27093), (148, 27147), (Start: 176 @27195 has 165 MA's), (Start: 184 @27207 has 1 MA's), (186, 27213), (190, 27240), (198, 27270), (200, 27276), (217, 27330), (220, 27339), (223, 27351), (238, 27384), (257, 27417), (271, 27465), (297, 27513), (323, 27597), (364, 27687), (371, 27705), (373, 27708), (394, 27771), (398, 27786), (402, 27810), (419, 27882), (442, 27918), (444, 27921), (455, 27942), (473, 27999), (490, 28035), (495, 28044), (498, 28053),

Gene: SoYo_12 Start: 5873, Stop: 6838, Start Num: 65
Candidate Starts for SoYo_12:
(Start: 65 @5873 has 101 MA's), (88, 5918), (Start: 94 @5939 has 1 MA's), (139, 6059), (200, 6197), (220, 6254), (225, 6269), (269, 6350), (274, 6365), (282, 6383), (304, 6434), (309, 6452), (322, 6497), (369, 6593), (393, 6656), (413, 6695), (440, 6746),

Gene: Soap141_28 Start: 26336, Stop: 27307, Start Num: 80
Candidate Starts for Soap141_28:
(Start: 80 @26336 has 47 MA's), (99, 26390), (144, 26510), (156, 26540), (167, 26555), (Start: 184 @26588 has 1 MA's), (185, 26591), (187, 26600), (190, 26621), (210, 26684), (220, 26711), (228, 26735), (244, 26765), (270, 26816), (274, 26828), (305, 26891), (309, 26906), (321, 26966), (327, 26981), (364, 27062), (373, 27080), (375, 27083), (376, 27086), (424, 27137), (448, 27182), (465, 27224), (485, 27266),

Gene: SoilDragon_12 Start: 5647, Stop: 6612, Start Num: 65
Candidate Starts for SoilDragon_12:
(Start: 65 @5647 has 101 MA's), (88, 5692), (Start: 94 @5713 has 1 MA's), (139, 5833), (200, 5971), (220, 6028), (225, 6043), (269, 6124), (274, 6139), (282, 6157), (304, 6208), (309, 6226), (322, 6271), (369, 6367), (393, 6430), (413, 6469), (440, 6520),

Gene: SoilZilla_245 Start: 143554, Stop: 144582, Start Num: 57
Candidate Starts for SoilZilla_245:
(Start: 57 @143554 has 189 MA's), (Start: 67 @143584 has 3 MA's), (91, 143638), (116, 143701), (124, 143722), (Start: 160 @143806 has 1 MA's), (Start: 184 @143848 has 1 MA's), (187, 143860), (189, 143875), (210, 143944), (220, 143971), (244, 144025), (261, 144070), (262, 144073), (288, 144151), (299, 144172), (343, 144283), (386, 144373), (392, 144391), (430, 144463), (448, 144496),

Gene: Solon_10 Start: 6618, Stop: 7586, Start Num: 71
Candidate Starts for Solon_10:
(Start: 71 @6618 has 225 MA's), (Start: 87 @6651 has 5 MA's), (92, 6669), (Start: 94 @6672 has 1 MA's), (203, 6939), (220, 6990), (223, 7002), (264, 7077), (284, 7140), (289, 7152), (299, 7173), (304, 7185), (309, 7203), (317, 7221), (321, 7245), (343, 7284), (384, 7365), (392, 7389), (393, 7392), (394, 7395), (402, 7404), (446, 7491), (470, 7536), (490, 7578),

Gene: Sorpresa_10 Start: 5984, Stop: 6952, Start Num: 71
Candidate Starts for Sorpresa_10:
(Start: 71 @5984 has 225 MA's), (Start: 87 @6017 has 5 MA's), (92, 6035), (Start: 94 @6038 has 1 MA's), (203, 6305), (220, 6356), (223, 6368), (264, 6443), (284, 6506), (299, 6539), (304, 6551), (309, 6569), (317, 6587), (343, 6650), (384, 6731), (392, 6755), (393, 6758), (394, 6761), (402, 6770), (446, 6857), (470, 6902), (490, 6944),

Gene: Soshari_14 Start: 6045, Stop: 7010, Start Num: 65
Candidate Starts for Soshari_14:
(Start: 65 @6045 has 101 MA's), (88, 6090), (Start: 94 @6111 has 1 MA's), (139, 6231), (200, 6369), (220, 6426), (225, 6441), (269, 6522), (274, 6537), (282, 6555), (304, 6606), (309, 6624), (322, 6669), (369, 6765), (393, 6828), (413, 6867), (440, 6918),

Gene: Soul22_36 Start: 27795, Stop: 28865, Start Num: 63
Candidate Starts for Soul22_36:
(43, 27744), (Start: 63 @27795 has 221 MA's), (Start: 70 @27822 has 1 MA's), (Start: 87 @27849 has 5 MA's), (90, 27858), (110, 27918), (123, 27945), (147, 28011), (Start: 181 @28065 has 57 MA's), (190, 28107), (203, 28158), (242, 28272), (255, 28305), (276, 28380), (284, 28401), (331, 28530), (369, 28602), (410, 28698), (416, 28710), (455, 28779), (483, 28836), (488, 28845),

Gene: Sparkdehlily_31 Start: 27617, Stop: 28618, Start Num: 63
Candidate Starts for Sparkdehlily_31:
(Start: 63 @27617 has 221 MA's), (91, 27692), (Start: 102 @27725 has 1 MA's), (116, 27755), (124, 27776), (138, 27806), (142, 27818), (Start: 160 @27860 has 1 MA's), (Start: 174 @27884 has 20 MA's), (Start: 184 @27899 has 1 MA's), (187, 27911), (220, 28022), (270, 28136), (277, 28154), (294, 28193), (304, 28217), (317, 28253), (343, 28319), (392, 28427), (416, 28475), (424, 28487), (448, 28532), (455, 28544), (470, 28574),

Gene: Spartacus_33 Start: 28027, Stop: 29028, Start Num: 63
Candidate Starts for Spartacus_33:
(Start: 63 @28027 has 221 MA's), (91, 28102), (Start: 102 @28135 has 1 MA's), (116, 28165), (124, 28186), (Start: 160 @28270 has 1 MA's), (187, 28321), (189, 28336), (220, 28432), (269, 28543), (277, 28564), (294, 28603), (299, 28615), (317, 28663), (322, 28690), (333, 28714), (343, 28729), (392, 28837), (416, 28885), (455, 28954), (470, 28984),

Gene: Sparxx_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Sparxx_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Spec_247 Start: 144422, Stop: 145450, Start Num: 57
Candidate Starts for Spec_247:
(Start: 57 @144422 has 189 MA's), (Start: 67 @144452 has 3 MA's), (73, 144464), (91, 144506), (116, 144569), (124, 144590), (Start: 160 @144674 has 1 MA's), (Start: 184 @144716 has 1 MA's), (187, 144728), (189, 144743), (210, 144812), (220, 144839), (244, 144893), (261, 144938), (262, 144941), (288, 145019), (299, 145040), (343, 145151), (386, 145241), (392, 145259), (430, 145331), (448, 145364),

Gene: Specks_257 Start: 145350, Stop: 146378, Start Num: 57
Candidate Starts for Specks_257:

(Start: 57 @145350 has 189 MA's), (Start: 67 @145380 has 3 MA's), (73, 145392), (91, 145434), (116, 145497), (124, 145518), (Start: 160 @145602 has 1 MA's), (Start: 184 @145644 has 1 MA's), (187, 145656), (189, 145671), (210, 145740), (220, 145767), (244, 145821), (261, 145866), (262, 145869), (288, 145947), (299, 145968), (343, 146079), (386, 146169), (392, 146187), (430, 146259), (448, 146292),

Gene: Spike509_12 Start: 6046, Stop: 7011, Start Num: 65
Candidate Starts for Spike509_12:
(Start: 65 @6046 has 101 MA's), (88, 6091), (Start: 94 @6112 has 1 MA's), (139, 6232), (200, 6370), (220, 6427), (225, 6442), (269, 6523), (274, 6538), (282, 6556), (304, 6607), (309, 6625), (322, 6670), (369, 6766), (393, 6829), (413, 6868), (440, 6919),

Gene: SpikeBT_11 Start: 6419, Stop: 7387, Start Num: 71
Candidate Starts for SpikeBT_11:
(Start: 71 @6419 has 225 MA's), (Start: 87 @6452 has 5 MA's), (92, 6470), (Start: 94 @6473 has 1 MA's), (203, 6740), (220, 6791), (223, 6803), (264, 6878), (284, 6941), (289, 6953), (299, 6974), (304, 6986), (309, 7004), (317, 7022), (321, 7046), (343, 7085), (384, 7166), (392, 7190), (393, 7193), (394, 7196), (402, 7205), (446, 7292), (470, 7337), (490, 7379),

Gene: Spikelee_33 Start: 27770, Stop: 28771, Start Num: 63
Candidate Starts for Spikelee_33:
(Start: 63 @27770 has 221 MA's), (91, 27845), (Start: 102 @27878 has 1 MA's), (116, 27908), (124, 27929), (138, 27959), (142, 27971), (Start: 160 @28013 has 1 MA's), (Start: 174 @28037 has 20 MA's), (Start: 184 @28052 has 1 MA's), (187, 28064), (220, 28175), (270, 28289), (277, 28307), (294, 28346), (304, 28370), (317, 28406), (322, 28433), (343, 28472), (392, 28580), (416, 28628), (455, 28697), (470, 28727),

Gene: Spino_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Spino_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Spock_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Spock_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Spoonbill_31 Start: 27781, Stop: 28782, Start Num: 63
Candidate Starts for Spoonbill_31:
(Start: 63 @27781 has 221 MA's), (91, 27856), (Start: 102 @27889 has 1 MA's), (116, 27919), (124, 27940), (138, 27970), (142, 27982), (Start: 160 @28024 has 1 MA's), (Start: 174 @28048 has 20 MA's), (Start: 184 @28063 has 1 MA's), (187, 28075), (220, 28186), (270, 28300), (277, 28318), (294, 28357), (304, 28381), (317, 28417), (343, 28483), (392, 28591), (416, 28639), (424, 28651), (448, 28696), (455, 28708), (470, 28738),

Gene: Sprinklers_250 Start: 144118, Stop: 145146, Start Num: 57
Candidate Starts for Sprinklers_250:
(Start: 57 @144118 has 189 MA's), (Start: 67 @144148 has 3 MA's), (73, 144160), (91, 144202), (116, 144265), (124, 144286), (Start: 160 @144370 has 1 MA's), (Start: 184 @144412 has 1 MA's), (187,

144424), (189, 144439), (210, 144508), (220, 144535), (244, 144589), (261, 144634), (262, 144637), (288, 144715), (299, 144736), (343, 144847), (386, 144937), (392, 144955), (430, 145027), (448, 145060),

Gene: Spud_244 Start: 143867, Stop: 144895, Start Num: 57
Candidate Starts for Spud_244:
(Start: 57 @143867 has 189 MA's), (Start: 67 @143897 has 3 MA's), (73, 143909), (91, 143951), (116, 144014), (124, 144035), (Start: 160 @144119 has 1 MA's), (Start: 184 @144161 has 1 MA's), (187, 144173), (189, 144188), (210, 144257), (220, 144284), (244, 144338), (261, 144383), (262, 144386), (288, 144464), (299, 144485), (343, 144596), (386, 144686), (392, 144704), (430, 144776), (448, 144809),

Gene: Squee_10 Start: 6125, Stop: 7093, Start Num: 71
Candidate Starts for Squee_10:
(Start: 71 @6125 has 225 MA's), (Start: 87 @6158 has 5 MA's), (92, 6176), (Start: 94 @6179 has 1 MA's), (203, 6446), (220, 6497), (223, 6509), (264, 6584), (284, 6647), (299, 6680), (309, 6710), (343, 6791), (384, 6872), (392, 6896), (393, 6899), (394, 6902), (402, 6911), (446, 6998), (490, 7085),

Gene: SrishMeg2525_250 Start: 145505, Stop: 146533, Start Num: 57
Candidate Starts for SrishMeg2525_250:
(Start: 57 @145505 has 189 MA's), (Start: 67 @145535 has 3 MA's), (73, 145547), (91, 145589), (116, 145652), (124, 145673), (Start: 160 @145757 has 1 MA's), (Start: 184 @145799 has 1 MA's), (187, 145811), (189, 145826), (210, 145895), (220, 145922), (244, 145976), (261, 146021), (262, 146024), (288, 146102), (299, 146123), (343, 146234), (386, 146324), (392, 146342), (430, 146414), (448, 146447),

Gene: StAnnes_30 Start: 27994, Stop: 29064, Start Num: 63
Candidate Starts for StAnnes_30:
(43, 27943), (Start: 63 @27994 has 221 MA's), (Start: 70 @28021 has 1 MA's), (Start: 87 @28048 has 5 MA's), (90, 28057), (110, 28117), (123, 28144), (147, 28210), (Start: 181 @28264 has 57 MA's), (190, 28306), (203, 28357), (242, 28471), (255, 28504), (276, 28579), (284, 28600), (331, 28729), (369, 28801), (410, 28897), (416, 28909), (455, 28978), (483, 29035), (488, 29044),

Gene: Stagni_12 Start: 5964, Stop: 6929, Start Num: 65
Candidate Starts for Stagni_12:
(Start: 65 @5964 has 101 MA's), (88, 6009), (Start: 94 @6030 has 1 MA's), (139, 6150), (200, 6288), (220, 6345), (225, 6360), (269, 6441), (274, 6456), (282, 6474), (304, 6525), (309, 6543), (322, 6588), (369, 6684), (393, 6747), (413, 6786), (440, 6837),

Gene: Stap_32 Start: 27675, Stop: 28676, Start Num: 63
Candidate Starts for Stap_32:
(37, 27576), (Start: 63 @27675 has 221 MA's), (91, 27750), (116, 27813), (119, 27819), (124, 27834), (145, 27882), (Start: 160 @27918 has 1 MA's), (Start: 184 @27957 has 1 MA's), (185, 27960), (187, 27969), (189, 27984), (207, 28041), (220, 28080), (269, 28191), (294, 28251), (299, 28263), (317, 28311), (322, 28338), (343, 28377), (392, 28485), (416, 28533), (455, 28602), (470, 28632),

Gene: StarStuff_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for StarStuff_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: Starcevich_35 Start: 28400, Stop: 29401, Start Num: 63
Candidate Starts for Starcevich_35:

(Start: 63 @28400 has 221 MA's), (Start: 67 @28421 has 3 MA's), (73, 28433), (91, 28475), (116, 28538), (124, 28559), (138, 28589), (Start: 160 @28643 has 1 MA's), (Start: 174 @28667 has 20 MA's), (Start: 184 @28682 has 1 MA's), (187, 28694), (220, 28805), (270, 28919), (277, 28937), (294, 28976), (304, 29000), (317, 29036), (322, 29063), (343, 29102), (392, 29210), (416, 29258), (424, 29270), (448, 29315), (455, 29327), (470, 29357),

Gene: Stasia_11 Start: 6326, Stop: 7306, Start Num: 84
Candidate Starts for Stasia_11:
(Start: 84 @6326 has 125 MA's), (Start: 86 @6329 has 14 MA's), (Start: 94 @6353 has 1 MA's), (Start: 101 @6374 has 1 MA's), (Start: 102 @6377 has 1 MA's), (200, 6626), (220, 6683), (223, 6695), (265, 6767), (280, 6815), (306, 6872), (363, 7022), (411, 7133), (421, 7157), (456, 7223), (463, 7244), (480, 7277),

Gene: SteMason_10 Start: 5884, Stop: 6861, Start Num: 86
Candidate Starts for SteMason_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Stellammi_34 Start: 28005, Stop: 29003, Start Num: 80
Candidate Starts for Stellammi_34:
(Start: 80 @28005 has 47 MA's), (99, 28059), (146, 28182), (150, 28194), (167, 28224), (172, 28227), (187, 28254), (220, 28368), (223, 28380), (232, 28401), (238, 28413), (244, 28425), (270, 28479), (276, 28494), (283, 28503), (315, 28590), (343, 28674), (364, 28731), (379, 28767), (440, 28839), (442, 28842), (465, 28902), (478, 28935), (490, 28956), (495, 28965), (499, 28977),

Gene: StepMih_12 Start: 5955, Stop: 6920, Start Num: 65
Candidate Starts for StepMih_12:
(Start: 65 @5955 has 101 MA's), (88, 6000), (Start: 94 @6021 has 1 MA's), (139, 6141), (200, 6279), (220, 6336), (225, 6351), (269, 6432), (274, 6447), (282, 6465), (304, 6516), (309, 6534), (322, 6579), (369, 6675), (393, 6738), (413, 6777), (440, 6828),

Gene: StephanieG_246 Start: 145053, Stop: 146081, Start Num: 57
Candidate Starts for StephanieG_246:
(Start: 57 @145053 has 189 MA's), (Start: 67 @145083 has 3 MA's), (73, 145095), (91, 145137), (116, 145200), (124, 145221), (Start: 160 @145305 has 1 MA's), (Start: 184 @145347 has 1 MA's), (187, 145359), (189, 145374), (210, 145443), (220, 145470), (244, 145524), (261, 145569), (262, 145572), (288, 145650), (299, 145671), (343, 145782), (386, 145872), (392, 145890), (430, 145962), (448, 145995),

Gene: Stephig9_8 Start: 4838, Stop: 5647, Start Num: 181
Candidate Starts for Stephig9_8:
(Start: 181 @4838 has 57 MA's), (202, 4922), (213, 4967), (236, 5027), (260, 5093), (343, 5327), (349, 5345), (355, 5366), (362, 5384), (378, 5417), (382, 5435), (416, 5480), (444, 5504), (495, 5633),

Gene: StewieG_9 Start: 5834, Stop: 6802, Start Num: 71
Candidate Starts for StewieG_9:
(Start: 71 @5834 has 225 MA's), (Start: 87 @5867 has 5 MA's), (92, 5885), (Start: 94 @5888 has 1 MA's), (203, 6155), (220, 6206), (223, 6218), (264, 6293), (284, 6356), (289, 6368), (299, 6389), (304, 6401), (309, 6419), (317, 6437), (321, 6461), (343, 6500), (384, 6581), (392, 6605), (393, 6608), (394, 6611), (402, 6620), (446, 6707), (490, 6794),

Gene: Stink_10 Start: 5846, Stop: 6826, Start Num: 84
Candidate Starts for Stink_10:
(Start: 84 @5846 has 125 MA's), (Start: 94 @5873 has 1 MA's), (Start: 101 @5894 has 1 MA's), (Start: 102 @5897 has 1 MA's), (200, 6146), (220, 6203), (223, 6215), (251, 6266), (265, 6287), (280, 6335), (306, 6392), (363, 6542), (417, 6665), (421, 6677), (456, 6743), (491, 6818),

Gene: Stinson_32 Start: 26696, Stop: 27568, Start Num: 176
Candidate Starts for Stinson_32:
(157, 26669), (Start: 176 @26696 has 165 MA's), (Start: 184 @26708 has 1 MA's), (200, 26777), (210, 26804), (217, 26834), (220, 26843), (233, 26879), (238, 26888), (257, 26921), (264, 26939), (301, 27029), (350, 27164), (364, 27191), (373, 27212), (381, 27236), (398, 27287), (419, 27389), (442, 27425), (455, 27449), (495, 27548), (498, 27557),

Gene: StrongArm_9 Start: 5686, Stop: 6654, Start Num: 71
Candidate Starts for StrongArm_9:
(Start: 71 @5686 has 225 MA's), (Start: 87 @5719 has 5 MA's), (92, 5737), (Start: 94 @5740 has 1 MA's), (203, 6007), (220, 6058), (223, 6070), (264, 6145), (284, 6208), (299, 6241), (304, 6253), (309, 6271), (317, 6289), (343, 6352), (384, 6433), (392, 6457), (393, 6460), (394, 6463), (402, 6472), (446, 6559), (490, 6646),

Gene: Stubby_235 Start: 141838, Stop: 142866, Start Num: 57
Candidate Starts for Stubby_235:
(Start: 57 @141838 has 189 MA's), (Start: 67 @141868 has 3 MA's), (91, 141922), (116, 141985), (124, 142006), (Start: 160 @142090 has 1 MA's), (Start: 184 @142132 has 1 MA's), (187, 142144), (189, 142159), (210, 142228), (220, 142255), (244, 142309), (261, 142354), (262, 142357), (288, 142435), (299, 142456), (343, 142567), (386, 142657), (392, 142675), (430, 142747), (448, 142780),

Gene: StubbySaigey_259 Start: 145035, Stop: 146063, Start Num: 57
Candidate Starts for StubbySaigey_259:
(Start: 57 @145035 has 189 MA's), (Start: 67 @145065 has 3 MA's), (73, 145077), (91, 145119), (116, 145182), (124, 145203), (Start: 160 @145287 has 1 MA's), (Start: 184 @145329 has 1 MA's), (187, 145341), (189, 145356), (210, 145425), (220, 145452), (244, 145506), (261, 145551), (262, 145554), (288, 145632), (299, 145653), (343, 145764), (386, 145854), (392, 145872), (430, 145944), (448, 145977),

Gene: Substance289_248 Start: 144458, Stop: 145486, Start Num: 57
Candidate Starts for Substance289_248:
(Start: 57 @144458 has 189 MA's), (Start: 67 @144488 has 3 MA's), (73, 144500), (91, 144542), (116, 144605), (124, 144626), (Start: 160 @144710 has 1 MA's), (Start: 184 @144752 has 1 MA's), (187, 144764), (189, 144779), (210, 144848), (220, 144875), (244, 144929), (261, 144974), (262, 144977), (288, 145055), (299, 145076), (343, 145187), (386, 145277), (392, 145295), (430, 145367), (448, 145400),

Gene: Sulley_31 Start: 26427, Stop: 27299, Start Num: 176
Candidate Starts for Sulley_31:
(44, 26097), (125, 26325), (157, 26400), (Start: 176 @26427 has 165 MA's), (Start: 184 @26439 has 1 MA's), (200, 26508), (210, 26535), (217, 26565), (220, 26574), (233, 26610), (238, 26619), (257, 26652), (264, 26670), (271, 26700), (301, 26760), (350, 26895), (364, 26922), (373, 26943), (381, 26967), (398, 27018), (419, 27120), (442, 27156), (455, 27180), (495, 27279), (498, 27288),

Gene: Sultana_10 Start: 5882, Stop: 6862, Start Num: 84
Candidate Starts for Sultana_10:

(Start: 84 @5882 has 125 MA's), (Start: 86 @5885 has 14 MA's), (Start: 94 @5909 has 1 MA's), (Start: 101 @5930 has 1 MA's), (Start: 102 @5933 has 1 MA's), (200, 6182), (220, 6239), (265, 6323), (269, 6344), (280, 6371), (296, 6401), (306, 6428), (363, 6578), (411, 6689), (417, 6701), (421, 6713), (456, 6779),

Gene: Sumter_9 Start: 5577, Stop: 6545, Start Num: 71
Candidate Starts for Sumter_9:
(Start: 71 @5577 has 225 MA's), (Start: 87 @5610 has 5 MA's), (92, 5628), (Start: 94 @5631 has 1 MA's), (203, 5898), (220, 5949), (223, 5961), (264, 6036), (284, 6099), (289, 6111), (299, 6132), (304, 6144), (309, 6162), (317, 6180), (321, 6204), (343, 6243), (384, 6324), (392, 6348), (393, 6351), (394, 6354), (402, 6363), (446, 6450), (470, 6495), (490, 6537),

Gene: Sunflower1121_30 Start: 25725, Stop: 26468, Start Num: 176
Candidate Starts for Sunflower1121_30:
(125, 25623), (133, 25644), (148, 25677), (157, 25698), (Start: 176 @25725 has 165 MA's), (189, 25767), (190, 25773), (200, 25809), (217, 25857), (220, 25866), (233, 25902), (257, 25944), (301, 26052), (350, 26187), (360, 26202), (364, 26214), (373, 26235), (387, 26250), (402, 26259), (413, 26271), (448, 26337), (478, 26418), (490, 26439), (495, 26448),

Gene: Sunshine924_9 Start: 5560, Stop: 6528, Start Num: 71
Candidate Starts for Sunshine924_9:
(Start: 71 @5560 has 225 MA's), (Start: 87 @5593 has 5 MA's), (92, 5611), (Start: 94 @5614 has 1 MA's), (203, 5881), (220, 5932), (223, 5944), (264, 6019), (284, 6082), (299, 6115), (304, 6127), (309, 6145), (317, 6163), (321, 6187), (343, 6226), (384, 6307), (392, 6331), (393, 6334), (394, 6337), (402, 6346), (446, 6433), (490, 6520),

Gene: SuperGrey_32 Start: 28493, Stop: 29494, Start Num: 63
Candidate Starts for SuperGrey_32:
(Start: 63 @28493 has 221 MA's), (91, 28568), (Start: 102 @28601 has 1 MA's), (116, 28631), (124, 28652), (Start: 160 @28736 has 1 MA's), (187, 28787), (189, 28802), (220, 28898), (269, 29009), (277, 29030), (294, 29069), (299, 29081), (317, 29129), (322, 29156), (333, 29180), (343, 29195), (392, 29303), (416, 29351), (455, 29420), (470, 29450),

Gene: SuperSonics_41 Start: 34968, Stop: 35993, Start Num: 55
Candidate Starts for SuperSonics_41:
(Start: 55 @34968 has 35 MA's), (116, 35103), (147, 35178), (188, 35262), (190, 35271), (194, 35295), (197, 35304), (231, 35397), (269, 35496), (282, 35529), (289, 35544), (299, 35565), (302, 35574), (331, 35661), (343, 35679), (361, 35709), (369, 35727), (383, 35763), (416, 35838), (423, 35850), (425, 35853), (446, 35892), (475, 35949),

Gene: SwagPigglett_31 Start: 27510, Stop: 28511, Start Num: 63
Candidate Starts for SwagPigglett_31:
(Start: 63 @27510 has 221 MA's), (Start: 67 @27531 has 3 MA's), (73, 27543), (91, 27585), (116, 27648), (124, 27669), (138, 27699), (Start: 160 @27753 has 1 MA's), (Start: 174 @27777 has 20 MA's), (Start: 184 @27792 has 1 MA's), (187, 27804), (220, 27915), (270, 28029), (277, 28047), (294, 28086), (304, 28110), (317, 28146), (322, 28173), (343, 28212), (369, 28260), (392, 28320), (424, 28380), (455, 28437), (470, 28467),

Gene: SwainyDoc_47 Start: 41532, Stop: 42596, Start Num: 52
Candidate Starts for SwainyDoc_47:
(Start: 52 @41532 has 53 MA's), (Start: 77 @41595 has 3 MA's), (110, 41676), (138, 41742), (144, 41757), (147, 41769), (161, 41796), (188, 41853), (190, 41862), (242, 42009), (251, 42024), (269, 42078), (282, 42111), (301, 42150), (305, 42162), (331, 42243), (343, 42261), (344, 42264), (369,

42309), (416, 42420), (475, 42531), (486, 42552), (499, 42585),

Gene: SweetiePie_11 Start: 6372, Stop: 7364, Start Num: 83
Candidate Starts for SweetiePie_11:
(Start: 83 @6372 has 55 MA's), (Start: 101 @6423 has 1 MA's), (Start: 102 @6426 has 1 MA's), (112, 6459), (119, 6474), (179, 6594), (Start: 184 @6600 has 1 MA's), (205, 6687), (220, 6732), (278, 6864), (294, 6903), (310, 6951), (338, 7032), (358, 7074), (393, 7161), (417, 7209), (448, 7275), (481, 7350),

Gene: Swirley_8 Start: 5325, Stop: 6134, Start Num: 181
Candidate Starts for Swirley_8:
(Start: 181 @5325 has 57 MA's), (194, 5388), (197, 5397), (213, 5454), (230, 5502), (261, 5583), (322, 5772), (343, 5814), (362, 5871), (380, 5913), (495, 6120),

Gene: SwissCheese_10 Start: 6022, Stop: 6990, Start Num: 71
Candidate Starts for SwissCheese_10:
(Start: 71 @6022 has 225 MA's), (Start: 87 @6055 has 5 MA's), (92, 6073), (Start: 94 @6076 has 1 MA's), (203, 6343), (220, 6394), (223, 6406), (264, 6481), (284, 6544), (299, 6577), (304, 6589), (309, 6607), (317, 6625), (321, 6649), (343, 6688), (384, 6769), (392, 6793), (393, 6796), (394, 6799), (402, 6808), (446, 6895), (470, 6940), (490, 6982),

Gene: Switzer_10 Start: 5607, Stop: 6575, Start Num: 71
Candidate Starts for Switzer_10:
(Start: 71 @5607 has 225 MA's), (Start: 87 @5640 has 5 MA's), (92, 5658), (Start: 94 @5661 has 1 MA's), (203, 5928), (220, 5979), (223, 5991), (264, 6066), (284, 6129), (289, 6141), (299, 6162), (304, 6174), (309, 6192), (317, 6210), (321, 6234), (343, 6273), (384, 6354), (392, 6378), (393, 6381), (394, 6384), (402, 6393), (436, 6459), (446, 6480), (490, 6567),

Gene: Swole_12 Start: 6491, Stop: 7459, Start Num: 71
Candidate Starts for Swole_12:
(Start: 71 @6491 has 225 MA's), (Start: 87 @6524 has 5 MA's), (92, 6542), (Start: 94 @6545 has 1 MA's), (203, 6812), (220, 6863), (223, 6875), (264, 6950), (284, 7013), (289, 7025), (299, 7046), (309, 7076), (317, 7094), (321, 7118), (343, 7157), (384, 7238), (392, 7262), (393, 7265), (394, 7268), (402, 7277), (446, 7364), (470, 7409), (490, 7451),

Gene: SydNat_8 Start: 5432, Stop: 6241, Start Num: 181
Candidate Starts for SydNat_8:
(Start: 181 @5432 has 57 MA's), (194, 5495), (197, 5504), (213, 5561), (230, 5609), (256, 5666), (261, 5690), (322, 5879), (343, 5921), (362, 5978), (495, 6227),

Gene: SynergyX_47 Start: 41537, Stop: 42601, Start Num: 52
Candidate Starts for SynergyX_47:
(Start: 52 @41537 has 53 MA's), (Start: 77 @41600 has 3 MA's), (110, 41681), (138, 41747), (144, 41762), (147, 41774), (161, 41801), (188, 41858), (190, 41867), (242, 42014), (251, 42029), (269, 42083), (282, 42116), (301, 42155), (305, 42167), (331, 42248), (343, 42266), (344, 42269), (369, 42314), (416, 42425), (475, 42536), (486, 42557), (499, 42590),

Gene: Syra333_31 Start: 25735, Stop: 26478, Start Num: 176
Candidate Starts for Syra333_31:
(157, 25708), (Start: 176 @25735 has 165 MA's), (189, 25777), (190, 25783), (200, 25819), (217, 25867), (220, 25876), (233, 25912), (257, 25954), (301, 26062), (350, 26197), (360, 26212), (364, 26224), (373, 26245), (387, 26260), (402, 26269), (413, 26281), (478, 26428), (490, 26449), (495, 26458),

Gene: TBond007_31 Start: 26937, Stop: 27725, Start Num: 176
Candidate Starts for TBond007_31:
(157, 26913), (Start: 176 @26937 has 165 MA's), (190, 26982), (200, 27018), (217, 27075), (220, 27084), (233, 27120), (264, 27174), (269, 27198), (323, 27339), (350, 27402), (364, 27444), (373, 27465), (376, 27471), (381, 27489), (416, 27519), (455, 27588), (479, 27660), (495, 27690),

Gene: TChen_31 Start: 28122, Stop: 29198, Start Num: 63
Candidate Starts for TChen_31:
(Start: 63 @28122 has 221 MA's), (Start: 70 @28149 has 1 MA's), (89, 28179), (90, 28185), (116, 28260), (123, 28272), (127, 28290), (151, 28347), (188, 28425), (190, 28434), (203, 28485), (216, 28527), (222, 28551), (224, 28560), (242, 28602), (255, 28635), (269, 28692), (270, 28695), (276, 28710), (281, 28722), (289, 28743), (296, 28755), (305, 28779), (331, 28860), (342, 28884), (369, 28935), (404, 29013), (416, 29043), (418, 29046), (444, 29091), (455, 29112), (488, 29178),

Gene: TClif_32 Start: 26185, Stop: 27048, Start Num: 177
Candidate Starts for TClif_32:
(125, 26083), (133, 26104), (148, 26137), (157, 26158), (Start: 177 @26185 has 9 MA's), (Start: 184 @26197 has 1 MA's), (190, 26230), (200, 26266), (217, 26314), (220, 26323), (238, 26368), (257, 26401), (295, 26494), (301, 26509), (350, 26644), (364, 26671), (373, 26692), (381, 26716), (388, 26737), (418, 26863), (419, 26869), (444, 26908), (495, 27028), (498, 27037),

Gene: TDanisky_31 Start: 27617, Stop: 28618, Start Num: 63
Candidate Starts for TDanisky_31:
(Start: 63 @27617 has 221 MA's), (91, 27692), (Start: 102 @27725 has 1 MA's), (116, 27755), (124, 27776), (138, 27806), (142, 27818), (Start: 160 @27860 has 1 MA's), (Start: 174 @27884 has 20 MA's), (Start: 184 @27899 has 1 MA's), (187, 27911), (220, 28022), (270, 28136), (277, 28154), (294, 28193), (304, 28217), (317, 28253), (343, 28319), (392, 28427), (416, 28475), (424, 28487), (448, 28532), (455, 28544), (470, 28574),

Gene: TNguyen7_10 Start: 5709, Stop: 6449, Start Num: 166
Candidate Starts for TNguyen7_10:
(100, 5592), (Start: 166 @5709 has 22 MA's), (200, 5796), (220, 5853), (223, 5865), (225, 5868), (235, 5892), (249, 5907), (261, 5925), (269, 5955), (271, 5961), (274, 5970), (282, 5988), (304, 6039), (309, 6057), (334, 6129), (357, 6171), (369, 6198), (381, 6225), (392, 6258), (393, 6261), (413, 6300), (492, 6441),

Gene: Tachez_31 Start: 26423, Stop: 27295, Start Num: 176
Candidate Starts for Tachez_31:
(157, 26396), (Start: 176 @26423 has 165 MA's), (Start: 184 @26435 has 1 MA's), (200, 26504), (210, 26531), (217, 26561), (220, 26570), (233, 26606), (238, 26615), (257, 26648), (264, 26666), (271, 26696), (300, 26753), (301, 26756), (350, 26891), (364, 26918), (373, 26939), (381, 26963), (398, 27014), (419, 27116), (442, 27152), (455, 27176), (495, 27275), (498, 27284),

Gene: Tainan_252 Start: 143973, Stop: 145001, Start Num: 57
Candidate Starts for Tainan_252:
(Start: 57 @143973 has 189 MA's), (Start: 67 @144003 has 3 MA's), (73, 144015), (91, 144057), (116, 144120), (124, 144141), (Start: 160 @144225 has 1 MA's), (Start: 184 @144267 has 1 MA's), (187, 144279), (189, 144294), (210, 144363), (220, 144390), (244, 144444), (261, 144489), (262, 144492), (288, 144570), (299, 144591), (343, 144702), (386, 144792), (392, 144810), (430, 144882), (448, 144915),

Gene: TaiwanKao_32 Start: 26427, Stop: 27299, Start Num: 176
Candidate Starts for TaiwanKao_32:

(157, 26400), (Start: 176 @26427 has 165 MA's), (Start: 184 @26439 has 1 MA's), (200, 26508), (210, 26535), (217, 26565), (220, 26574), (233, 26610), (238, 26619), (257, 26652), (264, 26670), (301, 26760), (350, 26895), (364, 26922), (373, 26943), (381, 26967), (398, 27018), (407, 27069), (419, 27120), (442, 27156), (455, 27180), (495, 27279), (498, 27288),

Gene: Taj_31 Start: 27685, Stop: 28683, Start Num: 55
Candidate Starts for Taj_31:
(Start: 55 @27685 has 35 MA's), (91, 27760), (116, 27820), (124, 27841), (Start: 160 @27925 has 1 MA's), (187, 27976), (189, 27991), (220, 28087), (269, 28198), (277, 28219), (294, 28258), (299, 28270), (317, 28318), (322, 28345), (333, 28369), (343, 28384), (392, 28492), (416, 28540), (455, 28609), (470, 28639),

Gene: Taquarus_10 Start: 5884, Stop: 6864, Start Num: 84
Candidate Starts for Taquarus_10:
(Start: 84 @5884 has 125 MA's), (Start: 86 @5887 has 14 MA's), (Start: 94 @5911 has 1 MA's), (Start: 101 @5932 has 1 MA's), (Start: 102 @5935 has 1 MA's), (200, 6184), (220, 6241), (251, 6304), (265, 6325), (269, 6346), (280, 6373), (296, 6403), (306, 6430), (363, 6580), (411, 6691), (417, 6703), (421, 6715), (456, 6781),

Gene: Taquito_32 Start: 28079, Stop: 28870, Start Num: 162
Candidate Starts for Taquito_32:
(Start: 162 @28079 has 23 MA's), (Start: 184 @28112 has 1 MA's), (190, 28145), (196, 28169), (203, 28190), (208, 28199), (214, 28229), (217, 28238), (220, 28247), (233, 28283), (273, 28364), (350, 28571), (364, 28598), (373, 28619), (379, 28634), (381, 28643), (418, 28667), (448, 28721), (455, 28733), (479, 28805),

Gene: Target_11 Start: 6279, Stop: 7247, Start Num: 71
Candidate Starts for Target_11:
(Start: 71 @6279 has 225 MA's), (Start: 87 @6312 has 5 MA's), (92, 6330), (Start: 94 @6333 has 1 MA's), (203, 6600), (220, 6651), (223, 6663), (264, 6738), (284, 6801), (296, 6825), (309, 6864), (317, 6882), (343, 6945), (384, 7026), (392, 7050), (393, 7053), (394, 7056), (402, 7065), (446, 7152),

Gene: TarsusIV_11 Start: 6440, Stop: 7432, Start Num: 83
Candidate Starts for TarsusIV_11:
(Start: 83 @6440 has 55 MA's), (Start: 102 @6494 has 1 MA's), (Start: 162 @6629 has 23 MA's), (179, 6662), (Start: 184 @6668 has 1 MA's), (189, 6695), (205, 6755), (220, 6800), (228, 6824), (278, 6932), (294, 6971), (310, 7019), (338, 7100), (340, 7103), (358, 7142), (393, 7229), (448, 7343), (481, 7418),

Gene: Tarynearal_7 Start: 5352, Stop: 6161, Start Num: 181
Candidate Starts for Tarynearal_7:
(Start: 181 @5352 has 57 MA's), (194, 5415), (197, 5424), (213, 5481), (230, 5529), (261, 5610), (322, 5799), (343, 5841), (362, 5898), (380, 5940), (495, 6147),

Gene: Tasp14_11 Start: 6262, Stop: 7230, Start Num: 71
Candidate Starts for Tasp14_11:
(Start: 71 @6262 has 225 MA's), (Start: 87 @6295 has 5 MA's), (92, 6313), (Start: 94 @6316 has 1 MA's), (203, 6583), (220, 6634), (223, 6646), (264, 6721), (284, 6784), (299, 6817), (304, 6829), (309, 6847), (317, 6865), (321, 6889), (343, 6928), (384, 7009), (392, 7033), (393, 7036), (394, 7039), (402, 7048), (446, 7135), (470, 7180), (490, 7222),

Gene: Taurus_12 Start: 5960, Stop: 6925, Start Num: 65
Candidate Starts for Taurus_12:

(Start: 65 @5960 has 101 MA's), (88, 6005), (Start: 94 @6026 has 1 MA's), (139, 6146), (220, 6341), (225, 6356), (269, 6437), (274, 6452), (282, 6470), (304, 6521), (309, 6539), (322, 6584), (369, 6680), (393, 6743), (413, 6782), (440, 6833),

Gene: Tchotchke_31 Start: 27119, Stop: 28120, Start Num: 63
Candidate Starts for Tchotchke_31:
(Start: 63 @27119 has 221 MA's), (Start: 67 @27140 has 3 MA's), (73, 27152), (91, 27194), (Start: 102 @27227 has 1 MA's), (116, 27257), (124, 27278), (Start: 160 @27362 has 1 MA's), (Start: 174 @27386 has 20 MA's), (Start: 184 @27401 has 1 MA's), (187, 27413), (220, 27524), (270, 27638), (277, 27656), (294, 27695), (304, 27719), (317, 27755), (343, 27821), (369, 27869), (392, 27929), (416, 27977), (424, 27989), (446, 28031), (448, 28034), (455, 28046), (470, 28076),

Gene: Teardrop_251 Start: 144362, Stop: 145390, Start Num: 57
Candidate Starts for Teardrop_251:
(Start: 57 @144362 has 189 MA's), (Start: 67 @144392 has 3 MA's), (73, 144404), (91, 144446), (116, 144509), (124, 144530), (Start: 160 @144614 has 1 MA's), (Start: 184 @144656 has 1 MA's), (187, 144668), (189, 144683), (210, 144752), (220, 144779), (244, 144833), (261, 144878), (262, 144881), (288, 144959), (299, 144980), (343, 145091), (386, 145181), (392, 145199), (430, 145271), (448, 145304),

Gene: Teejan_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Teejan_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: TelAviv_64 Start: 43386, Stop: 44426, Start Num: 62
Candidate Starts for TelAviv_64:
(Start: 62 @43386 has 32 MA's), (91, 43461), (116, 43542), (119, 43548), (124, 43563), (158, 43644), (Start: 160 @43647 has 1 MA's), (187, 43701), (189, 43716), (220, 43812), (235, 43851), (248, 43881), (261, 43911), (262, 43914), (271, 43947), (299, 44013), (317, 44061), (322, 44088), (343, 44127), (428, 44301), (455, 44352),

Gene: Teodoridan_8 Start: 5393, Stop: 6361, Start Num: 71
Candidate Starts for Teodoridan_8:
(Start: 71 @5393 has 225 MA's), (Start: 87 @5426 has 5 MA's), (92, 5444), (Start: 94 @5447 has 1 MA's), (203, 5714), (220, 5765), (223, 5777), (264, 5852), (284, 5915), (296, 5939), (309, 5978), (317, 5996), (343, 6059), (384, 6140), (392, 6164), (393, 6167), (394, 6170), (402, 6179), (446, 6266), (490, 6353),

Gene: Terrific_13 Start: 6938, Stop: 7915, Start Num: 72
Candidate Starts for Terrific_13:
(Start: 72 @6938 has 61 MA's), (Start: 94 @6992 has 1 MA's), (119, 7049), (189, 7181), (200, 7229), (220, 7286), (233, 7322), (264, 7370), (274, 7409), (305, 7481), (309, 7496), (322, 7541), (330, 7559), (348, 7601), (369, 7649), (381, 7676), (386, 7691), (392, 7709), (393, 7712), (440, 7802),

Gene: Texage_10 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Texage_10:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Thanksgivukkah_10 Start: 5886, Stop: 6866, Start Num: 84
Candidate Starts for Thanksgivukkah_10:
(Start: 84 @5886 has 125 MA's), (Start: 86 @5889 has 14 MA's), (Start: 94 @5913 has 1 MA's), (Start: 101 @5934 has 1 MA's), (Start: 102 @5937 has 1 MA's), (200, 6186), (220, 6243), (251, 6306), (265, 6327), (269, 6348), (280, 6375), (296, 6405), (306, 6432), (363, 6582), (411, 6693), (417, 6705), (421, 6717), (456, 6783),

Gene: Theia_7 Start: 5291, Stop: 6100, Start Num: 181
Candidate Starts for Theia_7:
(Start: 181 @5291 has 57 MA's), (194, 5354), (197, 5363), (213, 5420), (230, 5468), (322, 5738), (343, 5780), (362, 5837), (380, 5879), (495, 6086),

Gene: TheloniousMonk_11 Start: 6506, Stop: 7474, Start Num: 71
Candidate Starts for TheloniousMonk_11:
(Start: 71 @6506 has 225 MA's), (Start: 87 @6539 has 5 MA's), (92, 6557), (Start: 94 @6560 has 1 MA's), (203, 6827), (220, 6878), (223, 6890), (264, 6965), (284, 7028), (289, 7040), (299, 7061), (304, 7073), (309, 7091), (317, 7109), (321, 7133), (343, 7172), (384, 7253), (392, 7277), (393, 7280), (394, 7283), (402, 7292), (446, 7379),

Gene: ThetaBob_30 Start: 27001, Stop: 28077, Start Num: 63
Candidate Starts for ThetaBob_30:
(11, 26533), (14, 26548), (27, 26740), (36, 26902), (Start: 63 @27001 has 221 MA's), (Start: 70 @27028 has 1 MA's), (89, 27058), (123, 27151), (124, 27160), (127, 27169), (151, 27226), (165, 27250), (Start: 166 @27253 has 22 MA's), (Start: 181 @27271 has 57 MA's), (188, 27304), (190, 27313), (199, 27349), (203, 27364), (216, 27406), (222, 27430), (224, 27439), (229, 27451), (242, 27481), (254, 27511), (255, 27514), (269, 27571), (270, 27574), (276, 27589), (281, 27601), (284, 27610), (296, 27634), (305, 27658), (331, 27739), (369, 27814), (437, 27958), (442, 27967), (444, 27970), (446, 27976), (455, 27991), (488, 28057),

Gene: Thibault_42 Start: 39661, Stop: 40665, Start Num: 77
Candidate Starts for Thibault_42:
(Start: 77 @39661 has 3 MA's), (99, 39715), (115, 39766), (144, 39835), (146, 39838), (217, 40018), (220, 40027), (238, 40072), (270, 40141), (283, 40165), (284, 40168), (304, 40213), (309, 40231), (364, 40393), (375, 40417), (416, 40459), (490, 40618),

Gene: Thor_10 Start: 5845, Stop: 6813, Start Num: 71
Candidate Starts for Thor_10:
(Start: 71 @5845 has 225 MA's), (Start: 87 @5878 has 5 MA's), (92, 5896), (Start: 94 @5899 has 1 MA's), (203, 6166), (220, 6217), (223, 6229), (264, 6304), (284, 6367), (299, 6400), (304, 6412), (309, 6430), (317, 6448), (321, 6472), (343, 6511), (384, 6592), (392, 6616), (393, 6619), (394, 6622), (402, 6631), (446, 6718), (490, 6805),

Gene: ThreeRngTarjay_47 Start: 42712, Stop: 43584, Start Num: 154
Candidate Starts for ThreeRngTarjay_47:
(Start: 154 @42712 has 32 MA's), (Start: 171 @42739 has 1 MA's), (189, 42799), (201, 42847), (220, 42913), (227, 42934), (241, 42955), (261, 43009), (290, 43090), (391, 43369), (392, 43372), (412, 43396), (438, 43432), (445, 43447), (453, 43459), (459, 43480),

Gene: Thyatira_30 Start: 27046, Stop: 27918, Start Num: 176
Candidate Starts for Thyatira_30:
(125, 26944), (148, 26998), (Start: 176 @27046 has 165 MA's), (Start: 184 @27058 has 1 MA's), (185, 27061), (186, 27064), (190, 27091), (198, 27121), (200, 27127), (217, 27181), (220, 27190), (223, 27202), (238, 27235), (257, 27268), (271, 27316), (304, 27385), (333, 27469), (364, 27538), (371,

27556), (373, 27559), (393, 27619), (402, 27664), (419, 27736), (442, 27772), (444, 27775), (455, 27796), (473, 27853), (490, 27889), (495, 27898), (498, 27907),

Gene: Tierra_31 Start: 26561, Stop: 27304, Start Num: 176
Candidate Starts for Tierra_31:
(157, 26534), (Start: 176 @26561 has 165 MA's), (185, 26579), (189, 26603), (190, 26609), (200, 26645), (217, 26693), (220, 26702), (233, 26738), (257, 26780), (301, 26888), (350, 27023), (360, 27038), (364, 27050), (373, 27071), (387, 27086), (388, 27089), (402, 27095), (448, 27173), (478, 27254), (490, 27275), (495, 27284),

Gene: Tiffany_12 Start: 5856, Stop: 6821, Start Num: 65
Candidate Starts for Tiffany_12:
(Start: 65 @5856 has 101 MA's), (88, 5901), (Start: 94 @5922 has 1 MA's), (139, 6042), (200, 6180), (220, 6237), (225, 6252), (269, 6333), (274, 6348), (282, 6366), (304, 6417), (309, 6435), (322, 6480), (369, 6576), (393, 6639), (413, 6678), (440, 6729),

Gene: Tiger_8 Start: 5172, Stop: 5981, Start Num: 181
Candidate Starts for Tiger_8:
(Start: 181 @5172 has 57 MA's), (194, 5235), (197, 5244), (203, 5265), (213, 5301), (230, 5349), (256, 5406), (261, 5430), (343, 5661), (362, 5718), (495, 5967),

Gene: Tigress9_31 Start: 25731, Stop: 26474, Start Num: 176
Candidate Starts for Tigress9_31:
(56, 25440), (Start: 72 @25482 has 61 MA's), (125, 25629), (133, 25650), (148, 25683), (157, 25704), (Start: 176 @25731 has 165 MA's), (189, 25773), (190, 25779), (200, 25815), (217, 25863), (220, 25872), (233, 25908), (257, 25950), (301, 26058), (350, 26193), (360, 26208), (364, 26220), (373, 26241), (387, 26256), (388, 26259), (402, 26265), (448, 26343), (478, 26424), (490, 26445), (495, 26454),

Gene: Timshel_11 Start: 7306, Stop: 8283, Start Num: 72
Candidate Starts for Timshel_11:
(Start: 72 @7306 has 61 MA's), (Start: 94 @7360 has 1 MA's), (111, 7414), (124, 7447), (189, 7579), (220, 7684), (264, 7756), (270, 7783), (274, 7795), (282, 7813), (309, 7882), (330, 7945), (369, 8023), (381, 8050), (393, 8086), (416, 8134), (440, 8176), (454, 8200), (471, 8242),

Gene: TinaFeyge_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for TinaFeyge_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: TingHuaYa_31 Start: 25601, Stop: 26455, Start Num: 176
Candidate Starts for TingHuaYa_31:
(133, 25520), (148, 25553), (157, 25574), (Start: 176 @25601 has 165 MA's), (Start: 184 @25613 has 1 MA's), (189, 25640), (190, 25646), (198, 25676), (217, 25736), (220, 25745), (238, 25790), (257, 25823), (350, 26066), (360, 26081), (364, 26093), (373, 26114), (381, 26138), (402, 26210), (419, 26276), (444, 26315), (455, 26336), (498, 26444),

Gene: TiniBug_31 Start: 26379, Stop: 27251, Start Num: 176
Candidate Starts for TiniBug_31:
(125, 26277), (157, 26352), (Start: 176 @26379 has 165 MA's), (Start: 184 @26391 has 1 MA's), (200, 26460), (210, 26487), (217, 26517), (220, 26526), (233, 26562), (238, 26571), (257, 26604), (264,

26622), (301, 26712), (350, 26847), (364, 26874), (373, 26895), (381, 26919), (418, 27066), (419, 27072), (442, 27108), (455, 27132), (495, 27231), (498, 27240),

Gene: TinyPebbles_12 Start: 6045, Stop: 7010, Start Num: 65
Candidate Starts for TinyPebbles_12:
(Start: 65 @6045 has 101 MA's), (88, 6090), (Start: 94 @6111 has 1 MA's), (139, 6231), (200, 6369), (220, 6426), (225, 6441), (269, 6522), (274, 6537), (282, 6555), (304, 6606), (309, 6624), (322, 6669), (369, 6765), (393, 6828), (413, 6867), (440, 6918),

Gene: TinyTerror_47 Start: 41522, Stop: 42586, Start Num: 52
Candidate Starts for TinyTerror_47:
(Start: 52 @41522 has 53 MA's), (Start: 77 @41585 has 3 MA's), (110, 41666), (138, 41732), (144, 41747), (147, 41759), (161, 41786), (188, 41843), (190, 41852), (242, 41999), (251, 42014), (269, 42068), (282, 42101), (301, 42140), (305, 42152), (331, 42233), (343, 42251), (344, 42254), (369, 42299), (416, 42410), (475, 42521), (486, 42542), (499, 42575),

Gene: TinyTim_251 Start: 144329, Stop: 145357, Start Num: 57
Candidate Starts for TinyTim_251:
(Start: 57 @144329 has 189 MA's), (Start: 67 @144359 has 3 MA's), (73, 144371), (91, 144413), (116, 144476), (124, 144497), (Start: 160 @144581 has 1 MA's), (Start: 184 @144623 has 1 MA's), (187, 144635), (189, 144650), (210, 144719), (220, 144746), (244, 144800), (261, 144845), (262, 144848), (288, 144926), (299, 144947), (343, 145058), (386, 145148), (392, 145166), (430, 145238), (448, 145271),

Gene: Tinybot_9 Start: 5861, Stop: 6841, Start Num: 84
Candidate Starts for Tinybot_9:
(Start: 84 @5861 has 125 MA's), (Start: 94 @5888 has 1 MA's), (Start: 101 @5909 has 1 MA's), (Start: 102 @5912 has 1 MA's), (200, 6161), (220, 6218), (223, 6230), (251, 6281), (265, 6302), (280, 6350), (306, 6407), (363, 6557), (417, 6680), (421, 6692), (456, 6758),

Gene: TipsytheTRex_10 Start: 5561, Stop: 6493, Start Num: 183
Candidate Starts for TipsytheTRex_10:
(Start: 183 @5561 has 4 MA's), (203, 5651), (213, 5687), (230, 5735), (292, 5888), (343, 6035), (347, 6047), (355, 6074), (390, 6167), (395, 6182), (400, 6203), (422, 6308), (433, 6332),

Gene: Tiri_31 Start: 26466, Stop: 27338, Start Num: 176
Candidate Starts for Tiri_31:
(157, 26439), (Start: 176 @26466 has 165 MA's), (Start: 184 @26478 has 1 MA's), (200, 26547), (210, 26574), (217, 26604), (220, 26613), (233, 26649), (238, 26658), (257, 26691), (264, 26709), (271, 26739), (301, 26799), (350, 26934), (364, 26961), (373, 26982), (381, 27006), (398, 27057), (419, 27159), (442, 27195), (455, 27219), (495, 27318), (498, 27327),

Gene: TiroTheta9_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for TiroTheta9_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Todacoro_11 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Todacoro_11:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Tomathan_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for Tomathan_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: Tonenili_274 Start: 149660, Stop: 150688, Start Num: 57
Candidate Starts for Tonenili_274:
(Start: 57 @149660 has 189 MA's), (91, 149744), (116, 149807), (124, 149828), (Start: 160 @149912 has 1 MA's), (Start: 184 @149954 has 1 MA's), (189, 149981), (210, 150050), (220, 150077), (244, 150131), (259, 150161), (261, 150176), (288, 150257), (299, 150278), (341, 150386), (343, 150389), (386, 150479), (392, 150497), (446, 150599), (448, 150602), (455, 150614),

Gene: TootsiePop_32 Start: 27407, Stop: 28408, Start Num: 63
Candidate Starts for TootsiePop_32:
(28, 27146), (37, 27308), (Start: 63 @27407 has 221 MA's), (91, 27482), (116, 27545), (124, 27566), (Start: 160 @27650 has 1 MA's), (Start: 174 @27674 has 20 MA's), (Start: 184 @27689 has 1 MA's), (187, 27701), (220, 27812), (270, 27926), (277, 27944), (294, 27983), (304, 28007), (317, 28043), (322, 28070), (343, 28109), (392, 28217), (416, 28265), (424, 28277), (455, 28334), (470, 28364),

Gene: Tootsieroll_32 Start: 27571, Stop: 28572, Start Num: 63
Candidate Starts for Tootsieroll_32:
(37, 27472), (Start: 63 @27571 has 221 MA's), (91, 27646), (116, 27709), (119, 27715), (124, 27730), (145, 27778), (Start: 160 @27814 has 1 MA's), (Start: 184 @27853 has 1 MA's), (185, 27856), (187, 27865), (189, 27880), (207, 27937), (220, 27976), (269, 28087), (294, 28147), (299, 28159), (317, 28207), (322, 28234), (343, 28273), (392, 28381), (416, 28429), (455, 28498), (470, 28528),

Gene: Topanga_10 Start: 5820, Stop: 6794, Start Num: 72
Candidate Starts for Topanga_10:
(Start: 72 @5820 has 61 MA's), (76, 5826), (Start: 94 @5874 has 1 MA's), (155, 6027), (220, 6189), (225, 6204), (233, 6225), (269, 6297), (271, 6303), (274, 6312), (304, 6381), (309, 6399), (322, 6444), (330, 6462), (369, 6540), (381, 6567), (386, 6582), (393, 6603), (413, 6642), (440, 6693), (460, 6735), (492, 6786),

Gene: Topgun_10 Start: 5783, Stop: 6718, Start Num: 87
Candidate Starts for Topgun_10:
(Start: 71 @5750 has 225 MA's), (Start: 87 @5783 has 5 MA's), (92, 5801), (Start: 94 @5804 has 1 MA's), (203, 6071), (220, 6122), (223, 6134), (264, 6209), (284, 6272), (289, 6284), (299, 6305), (304, 6317), (309, 6335), (317, 6353), (321, 6377), (343, 6416), (384, 6497), (392, 6521), (393, 6524), (394, 6527), (402, 6536), (446, 6623), (490, 6710),

Gene: Topiatin_34 Start: 28204, Stop: 29205, Start Num: 63
Candidate Starts for Topiatin_34:
(Start: 63 @28204 has 221 MA's), (Start: 67 @28225 has 3 MA's), (73, 28237), (91, 28279), (116, 28342), (124, 28363), (138, 28393), (Start: 160 @28447 has 1 MA's), (Start: 174 @28471 has 20 MA's), (Start: 184 @28486 has 1 MA's), (187, 28498), (220, 28609), (270, 28723), (277, 28741), (294, 28780), (304, 28804), (317, 28840), (322, 28867), (343, 28906), (392, 29014), (416, 29062), (424, 29074), (448, 29119), (455, 29131), (470, 29161),

Gene: Topper_31 Start: 26494, Stop: 27366, Start Num: 176
Candidate Starts for Topper_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257,

26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: Toro_13 Start: 7534, Stop: 8301, Start Num: 177
Candidate Starts for Toro_13:
(140, 7486), (Start: 177 @7534 has 9 MA's), (189, 7570), (220, 7675), (264, 7747), (270, 7774), (274, 7786), (282, 7804), (309, 7873), (330, 7936), (357, 7987), (369, 8014), (381, 8041), (393, 8077), (416, 8125), (440, 8167),

Gene: Toron_32 Start: 28021, Stop: 29040, Start Num: 63
Candidate Starts for Toron_32:
(Start: 63 @28021 has 221 MA's), (Start: 70 @28048 has 1 MA's), (91, 28096), (116, 28159), (124, 28180), (Start: 160 @28264 has 1 MA's), (187, 28318), (189, 28333), (200, 28375), (203, 28384), (220, 28429), (264, 28516), (274, 28555), (299, 28612), (309, 28642), (324, 28693), (343, 28723), (402, 28846), (419, 28888), (420, 28891), (431, 28915), (434, 28921), (436, 28927), (437, 28930), (448, 28951),

Gene: Torres_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Torres_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419, 26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Tortoise16_250 Start: 144342, Stop: 145370, Start Num: 57
Candidate Starts for Tortoise16_250:
(Start: 57 @144342 has 189 MA's), (Start: 67 @144372 has 3 MA's), (73, 144384), (91, 144426), (116, 144489), (124, 144510), (Start: 160 @144594 has 1 MA's), (Start: 184 @144636 has 1 MA's), (187, 144648), (189, 144663), (210, 144732), (220, 144759), (244, 144813), (261, 144858), (262, 144861), (288, 144939), (299, 144960), (343, 145071), (386, 145161), (392, 145179), (430, 145251), (448, 145284),

Gene: Tote_12 Start: 6491, Stop: 7459, Start Num: 71
Candidate Starts for Tote_12:
(Start: 71 @6491 has 225 MA's), (Start: 87 @6524 has 5 MA's), (92, 6542), (Start: 94 @6545 has 1 MA's), (203, 6812), (220, 6863), (223, 6875), (264, 6950), (284, 7013), (289, 7025), (299, 7046), (309, 7076), (317, 7094), (321, 7118), (343, 7157), (384, 7238), (392, 7262), (393, 7265), (394, 7268), (402, 7277), (446, 7364), (470, 7409), (490, 7451),

Gene: Totinger_32 Start: 27501, Stop: 28502, Start Num: 63
Candidate Starts for Totinger_32:
(Start: 63 @27501 has 221 MA's), (91, 27576), (Start: 102 @27609 has 1 MA's), (116, 27639), (124, 27660), (138, 27690), (142, 27702), (Start: 160 @27744 has 1 MA's), (Start: 174 @27768 has 20 MA's), (Start: 184 @27783 has 1 MA's), (187, 27795), (220, 27906), (270, 28020), (277, 28038), (294, 28077), (304, 28101), (317, 28137), (322, 28164), (343, 28203), (369, 28251), (392, 28311), (424, 28371), (446, 28413), (448, 28416), (455, 28428), (470, 28458),

Gene: Tourach_28 Start: 26300, Stop: 27271, Start Num: 80
Candidate Starts for Tourach_28:
(Start: 80 @26300 has 47 MA's), (99, 26354), (144, 26474), (156, 26504), (167, 26519), (190, 26585), (220, 26675), (244, 26729), (270, 26780), (274, 26792), (289, 26819), (305, 26855), (309, 26870), (313, 26885), (327, 26945), (364, 27026), (373, 27044), (375, 27047), (376, 27050), (384, 27077), (424, 27101), (448, 27146), (465, 27188), (485, 27230),

Gene: TpudiCK_39 Start: 31793, Stop: 32764, Start Num: 85
Candidate Starts for TpudiCK_39:
(Start: 85 @31793 has 15 MA's), (Start: 94 @31817 has 1 MA's), (98, 31832), (152, 31970), (Start: 171 @31997 has 1 MA's), (179, 32015), (185, 32027), (187, 32036), (196, 32081), (200, 32093), (210, 32120), (220, 32147), (223, 32159), (244, 32204), (262, 32231), (270, 32261), (273, 32270), (274, 32273), (313, 32360), (320, 32375), (384, 32528), (385, 32531), (410, 32591), (416, 32603), (419, 32612), (442, 32648), (450, 32663), (466, 32702), (482, 32735),

Gene: Traft412_12 Start: 6678, Stop: 7646, Start Num: 71
Candidate Starts for Traft412_12:
(Start: 71 @6678 has 225 MA's), (Start: 87 @6711 has 5 MA's), (92, 6729), (Start: 94 @6732 has 1 MA's), (203, 6999), (220, 7050), (223, 7062), (264, 7137), (284, 7200), (289, 7212), (299, 7233), (304, 7245), (309, 7263), (317, 7281), (321, 7305), (343, 7344), (384, 7425), (392, 7449), (393, 7452), (394, 7455), (402, 7464), (446, 7551), (470, 7596), (490, 7638),

Gene: Travvers_14 Start: 6597, Stop: 7361, Start Num: 176
Candidate Starts for Travvers_14:
(Start: 176 @6597 has 165 MA's), (220, 6741), (264, 6828), (270, 6855), (274, 6867), (309, 6954), (369, 7095), (392, 7155), (393, 7158), (410, 7194), (440, 7248), (460, 7296),

Gene: Treddle_11 Start: 6485, Stop: 7453, Start Num: 71
Candidate Starts for Treddle_11:
(Start: 71 @6485 has 225 MA's), (Start: 87 @6518 has 5 MA's), (92, 6536), (203, 6806), (220, 6857), (223, 6869), (264, 6944), (284, 7007), (289, 7019), (299, 7040), (304, 7052), (309, 7070), (317, 7088), (321, 7112), (343, 7151), (384, 7232), (392, 7256), (393, 7259), (394, 7262), (402, 7271), (446, 7358), (457, 7382), (470, 7403), (490, 7445),

Gene: TreyKay_31 Start: 26427, Stop: 27299, Start Num: 176
Candidate Starts for TreyKay_31:
(157, 26400), (Start: 176 @26427 has 165 MA's), (Start: 184 @26439 has 1 MA's), (200, 26508), (210, 26535), (217, 26565), (220, 26574), (233, 26610), (238, 26619), (257, 26652), (264, 26670), (301, 26760), (350, 26895), (364, 26922), (373, 26943), (381, 26967), (398, 27018), (419, 27120), (442, 27156), (455, 27180), (495, 27279), (498, 27288),

Gene: TriFive_28 Start: 26850, Stop: 27893, Start Num: 80
Candidate Starts for TriFive_28:
(Start: 80 @26850 has 47 MA's), (Start: 83 @26856 has 55 MA's), (92, 26883), (99, 26904), (115, 26955), (149, 27036), (191, 27141), (218, 27222), (220, 27228), (267, 27324), (272, 27342), (274, 27348), (277, 27354), (309, 27426), (325, 27483), (353, 27543), (385, 27618), (392, 27639), (410, 27663), (418, 27678), (426, 27690), (455, 27747), (495, 27849), (501, 27870),

Gene: TribleTrouble_30 Start: 26988, Stop: 27776, Start Num: 176
Candidate Starts for TribleTrouble_30:
(148, 26943), (Start: 176 @26988 has 165 MA's), (190, 27033), (200, 27069), (217, 27126), (220, 27135), (264, 27225), (269, 27249), (323, 27390), (350, 27453), (364, 27495), (371, 27513), (373, 27516), (376, 27522), (381, 27540), (416, 27570), (455, 27639), (479, 27711), (495, 27741),

Gene: Trice_27 Start: 25978, Stop: 26736, Start Num: 174
Candidate Starts for Trice_27:
(125, 25876), (148, 25930), (157, 25951), (Start: 174 @25978 has 20 MA's), (190, 26023), (200, 26059), (218, 26119), (220, 26125), (231, 26155), (257, 26203), (269, 26245), (301, 26311), (311, 26347), (350, 26446), (364, 26473), (373, 26494), (376, 26500), (413, 26539), (418, 26551), (419,

26557), (436, 26581), (448, 26605), (495, 26716), (498, 26725),

Gene: Trike_8 Start: 3772, Stop: 4746, Start Num: 72
Candidate Starts for Trike_8:
(59, 3733), (Start: 72 @3772 has 61 MA's), (88, 3805), (Start: 94 @3826 has 1 MA's), (Start: 166 @3994 has 22 MA's), (187, 4036), (189, 4051), (220, 4156), (264, 4228), (270, 4255), (271, 4258), (274, 4267), (289, 4303), (309, 4354), (369, 4501), (393, 4564), (413, 4603), (436, 4645),

Gene: Trinitium_249 Start: 143083, Stop: 144111, Start Num: 57
Candidate Starts for Trinitium_249:
(Start: 57 @143083 has 189 MA's), (Start: 67 @143113 has 3 MA's), (73, 143125), (91, 143167), (116, 143230), (124, 143251), (Start: 160 @143335 has 1 MA's), (Start: 184 @143377 has 1 MA's), (187, 143389), (189, 143404), (210, 143473), (220, 143500), (244, 143554), (261, 143599), (262, 143602), (288, 143680), (299, 143701), (343, 143812), (386, 143902), (392, 143920), (430, 143992), (448, 144025),

Gene: Tripl3t_11 Start: 6673, Stop: 7641, Start Num: 71
Candidate Starts for Tripl3t_11:
(Start: 71 @6673 has 225 MA's), (Start: 87 @6706 has 5 MA's), (92, 6724), (Start: 94 @6727 has 1 MA's), (203, 6994), (220, 7045), (223, 7057), (264, 7132), (284, 7195), (289, 7207), (299, 7228), (304, 7240), (309, 7258), (317, 7276), (321, 7300), (343, 7339), (384, 7420), (392, 7444), (393, 7447), (394, 7450), (402, 7459), (446, 7546), (457, 7570), (490, 7633),

Gene: Tristan_12 Start: 8203, Stop: 9189, Start Num: 82
Candidate Starts for Tristan_12:
(Start: 82 @8203 has 12 MA's), (Start: 94 @8233 has 1 MA's), (Start: 102 @8257 has 1 MA's), (Start: 162 @8392 has 23 MA's), (220, 8563), (261, 8638), (265, 8647), (306, 8758), (322, 8818), (338, 8854), (363, 8908), (374, 8932), (377, 8938), (391, 8983), (421, 9043), (429, 9052),

Gene: Trixie_14 Start: 8087, Stop: 9064, Start Num: 72
Candidate Starts for Trixie_14:
(54, 8045), (Start: 72 @8087 has 61 MA's), (Start: 94 @8141 has 1 MA's), (200, 8378), (220, 8435), (264, 8519), (274, 8558), (304, 8627), (305, 8630), (309, 8645), (330, 8708), (341, 8729), (348, 8750), (369, 8798), (381, 8825), (386, 8840), (392, 8858), (393, 8861), (440, 8951),

Gene: Trooper_11 Start: 6230, Stop: 7222, Start Num: 83
Candidate Starts for Trooper_11:
(Start: 83 @6230 has 55 MA's), (Start: 96 @6263 has 1 MA's), (Start: 101 @6281 has 1 MA's), (Start: 102 @6284 has 1 MA's), (Start: 162 @6419 has 23 MA's), (179, 6452), (Start: 184 @6458 has 1 MA's), (185, 6461), (189, 6485), (205, 6545), (220, 6590), (264, 6677), (278, 6722), (294, 6761), (310, 6809), (318, 6824), (338, 6890), (340, 6893), (358, 6932), (374, 6968), (393, 7019), (448, 7133), (481, 7208),

Gene: Trouble_10 Start: 6322, Stop: 7290, Start Num: 71
Candidate Starts for Trouble_10:
(Start: 71 @6322 has 225 MA's), (Start: 87 @6355 has 5 MA's), (92, 6373), (Start: 94 @6376 has 1 MA's), (203, 6643), (220, 6694), (223, 6706), (264, 6781), (284, 6844), (299, 6877), (304, 6889), (309, 6907), (317, 6925), (321, 6949), (343, 6988), (384, 7069), (392, 7093), (393, 7096), (394, 7099), (402, 7108), (446, 7195), (490, 7282),

Gene: TroyPia_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for TroyPia_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269,

6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: TruffulaTree_31 Start: 26457, Stop: 27329, Start Num: 176
Candidate Starts for TruffulaTree_31:
(44, 26127), (125, 26355), (157, 26430), (Start: 176 @26457 has 165 MA's), (Start: 184 @26469 has 1 MA's), (200, 26538), (210, 26565), (217, 26595), (220, 26604), (233, 26640), (238, 26649), (257, 26682), (264, 26700), (271, 26730), (300, 26787), (301, 26790), (350, 26925), (364, 26952), (373, 26973), (381, 26997), (398, 27048), (419, 27150), (442, 27186), (455, 27210), (495, 27309), (498, 27318),

Gene: Turbido_13 Start: 6895, Stop: 7887, Start Num: 83
Candidate Starts for Turbido_13:
(Start: 83 @6895 has 55 MA's), (Start: 96 @6928 has 1 MA's), (Start: 101 @6946 has 1 MA's), (Start: 102 @6949 has 1 MA's), (179, 7117), (Start: 184 @7123 has 1 MA's), (189, 7150), (205, 7210), (220, 7255), (264, 7342), (278, 7387), (294, 7426), (310, 7474), (318, 7489), (338, 7555), (358, 7597), (393, 7684), (448, 7798),

Gene: Turj99_9 Start: 5766, Stop: 6734, Start Num: 71
Candidate Starts for Turj99_9:
(Start: 71 @5766 has 225 MA's), (Start: 87 @5799 has 5 MA's), (92, 5817), (Start: 94 @5820 has 1 MA's), (203, 6087), (220, 6138), (223, 6150), (264, 6225), (284, 6288), (289, 6300), (299, 6321), (304, 6333), (309, 6351), (317, 6369), (321, 6393), (343, 6432), (384, 6513), (392, 6537), (393, 6540), (394, 6543), (402, 6552), (446, 6639), (470, 6684), (490, 6726),

Gene: Turret_243 Start: 142216, Stop: 143244, Start Num: 57
Candidate Starts for Turret_243:
(Start: 57 @142216 has 189 MA's), (Start: 67 @142246 has 3 MA's), (73, 142258), (91, 142300), (116, 142363), (124, 142384), (Start: 160 @142468 has 1 MA's), (Start: 184 @142510 has 1 MA's), (187, 142522), (189, 142537), (210, 142606), (220, 142633), (244, 142687), (261, 142732), (262, 142735), (288, 142813), (299, 142834), (343, 142945), (386, 143035), (392, 143053), (430, 143125), (448, 143158),

Gene: Tweety_31 Start: 27740, Stop: 28741, Start Num: 63
Candidate Starts for Tweety_31:
(Start: 63 @27740 has 221 MA's), (91, 27815), (Start: 102 @27848 has 1 MA's), (116, 27878), (124, 27899), (Start: 160 @27983 has 1 MA's), (187, 28034), (189, 28049), (220, 28145), (277, 28277), (294, 28316), (299, 28328), (317, 28376), (322, 28403), (333, 28427), (343, 28442), (392, 28550), (416, 28598), (455, 28667), (470, 28697),

Gene: Twigg_8 Start: 5324, Stop: 6133, Start Num: 181
Candidate Starts for Twigg_8:
(Start: 181 @5324 has 57 MA's), (194, 5387), (197, 5396), (213, 5453), (230, 5501), (261, 5582), (322, 5771), (343, 5813), (362, 5870), (380, 5912), (495, 6119),

Gene: Twister_10 Start: 5719, Stop: 6693, Start Num: 72
Candidate Starts for Twister_10:
(Start: 72 @5719 has 61 MA's), (76, 5725), (Start: 94 @5773 has 1 MA's), (155, 5926), (220, 6088), (225, 6103), (233, 6124), (269, 6196), (271, 6202), (274, 6211), (304, 6280), (309, 6298), (322, 6343), (330, 6361), (369, 6439), (381, 6466), (386, 6481), (393, 6502), (413, 6541), (440, 6592), (460, 6634), (492, 6685),

Gene: Twitch_31 Start: 26494, Stop: 27366, Start Num: 176

Candidate Starts for Twitch_31:
(44, 26164), (125, 26392), (157, 26467), (Start: 176 @26494 has 165 MA's), (Start: 184 @26506 has 1 MA's), (200, 26575), (210, 26602), (217, 26632), (220, 26641), (233, 26677), (238, 26686), (257, 26719), (264, 26737), (271, 26767), (301, 26827), (350, 26962), (364, 26989), (373, 27010), (381, 27034), (398, 27085), (419, 27187), (442, 27223), (455, 27247), (495, 27346), (498, 27355),

Gene: TwoPeat_11 Start: 6284, Stop: 7252, Start Num: 71
Candidate Starts for TwoPeat_11:
(Start: 71 @6284 has 225 MA's), (Start: 87 @6317 has 5 MA's), (92, 6335), (Start: 94 @6338 has 1 MA's), (203, 6605), (220, 6656), (223, 6668), (264, 6743), (284, 6806), (289, 6818), (299, 6839), (304, 6851), (309, 6869), (317, 6887), (321, 6911), (343, 6950), (384, 7031), (392, 7055), (393, 7058), (394, 7061), (402, 7070), (446, 7157), (470, 7202), (490, 7244),

Gene: TyDawg_38 Start: 31794, Stop: 32765, Start Num: 85
Candidate Starts for TyDawg_38:
(Start: 85 @31794 has 15 MA's), (Start: 94 @31818 has 1 MA's), (98, 31833), (152, 31971), (Start: 171 @31998 has 1 MA's), (179, 32016), (185, 32028), (187, 32037), (196, 32082), (200, 32094), (210, 32121), (220, 32148), (223, 32160), (244, 32205), (262, 32232), (270, 32262), (273, 32271), (274, 32274), (313, 32361), (320, 32376), (384, 32529), (385, 32532), (410, 32592), (416, 32604), (419, 32613), (442, 32649), (450, 32664), (466, 32703), (482, 32736),

Gene: Tydolla_47 Start: 42271, Stop: 43335, Start Num: 52
Candidate Starts for Tydolla_47:
(Start: 52 @42271 has 53 MA's), (Start: 77 @42334 has 3 MA's), (110, 42415), (138, 42481), (144, 42496), (147, 42508), (161, 42535), (188, 42592), (190, 42601), (242, 42748), (251, 42763), (269, 42817), (282, 42850), (301, 42889), (305, 42901), (331, 42982), (343, 43000), (344, 43003), (369, 43048), (416, 43159), (475, 43270), (486, 43291), (499, 43324),

Gene: TygerBlood_10 Start: 5883, Stop: 6863, Start Num: 84
Candidate Starts for TygerBlood_10:
(Start: 84 @5883 has 125 MA's), (Start: 86 @5886 has 14 MA's), (Start: 94 @5910 has 1 MA's), (Start: 101 @5931 has 1 MA's), (Start: 102 @5934 has 1 MA's), (200, 6183), (220, 6240), (251, 6303), (265, 6324), (269, 6345), (280, 6372), (296, 6402), (306, 6429), (363, 6579), (411, 6690), (417, 6702), (421, 6714), (456, 6780),

Gene: Tyke_249 Start: 146465, Stop: 147493, Start Num: 57
Candidate Starts for Tyke_249:
(Start: 57 @146465 has 189 MA's), (Start: 67 @146495 has 3 MA's), (73, 146507), (91, 146549), (116, 146612), (124, 146633), (Start: 160 @146717 has 1 MA's), (Start: 184 @146759 has 1 MA's), (187, 146771), (189, 146786), (210, 146855), (220, 146882), (244, 146936), (261, 146981), (262, 146984), (288, 147062), (299, 147083), (343, 147194), (386, 147284), (392, 147302), (430, 147374), (448, 147407),

Gene: Tyson_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for Tyson_26:
(Start: 64 @25547 has 22 MA's), (120, 25700), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (Start: 176 @25823 has 165 MA's), (185, 25838), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420), (419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: U2_9 Start: 5609, Stop: 6577, Start Num: 71

Candidate Starts for U2_9:
(Start: 71 @5609 has 225 MA's), (Start: 87 @5642 has 5 MA's), (92, 5660), (Start: 94 @5663 has 1 MA's), (203, 5930), (220, 5981), (223, 5993), (264, 6068), (284, 6131), (289, 6143), (299, 6164), (304, 6176), (309, 6194), (317, 6212), (321, 6236), (343, 6275), (384, 6356), (392, 6380), (393, 6383), (394, 6386), (402, 6395), (436, 6461), (446, 6482), (490, 6569),

Gene: UPIE_26 Start: 25545, Stop: 26576, Start Num: 64
Candidate Starts for UPIE_26:
(Start: 64 @25545 has 22 MA's), (122, 25701), (129, 25725), (135, 25737), (143, 25755), (150, 25773), (158, 25791), (Start: 163 @25797 has 3 MA's), (169, 25806), (Start: 176 @25821 has 165 MA's), (185, 25836), (192, 25884), (200, 25908), (220, 25965), (235, 26004), (271, 26082), (274, 26091), (276, 26094), (282, 26109), (302, 26163), (309, 26184), (313, 26199), (356, 26283), (369, 26313), (393, 26382), (402, 26394), (413, 26418), (419, 26436), (424, 26439), (430, 26451), (432, 26454), (448, 26484), (455, 26496),

Gene: Ulysses_9 Start: 5600, Stop: 6580, Start Num: 84
Candidate Starts for Ulysses_9:
(Start: 84 @5600 has 125 MA's), (Start: 94 @5627 has 1 MA's), (Start: 102 @5651 has 1 MA's), (178, 5816), (200, 5900), (220, 5957), (223, 5969), (251, 6020), (265, 6041), (269, 6062), (280, 6089), (294, 6116), (306, 6146), (363, 6296), (417, 6419), (421, 6431), (456, 6497),

Gene: UncleRicky_34 Start: 28832, Stop: 29833, Start Num: 63
Candidate Starts for UncleRicky_34:
(28, 28580), (37, 28733), (Start: 63 @28832 has 221 MA's), (Start: 67 @28853 has 3 MA's), (73, 28865), (91, 28907), (116, 28970), (124, 28991), (138, 29021), (Start: 160 @29075 has 1 MA's), (Start: 174 @29099 has 20 MA's), (187, 29126), (220, 29237), (270, 29351), (277, 29369), (294, 29408), (304, 29432), (317, 29468), (322, 29495), (343, 29534), (369, 29582), (392, 29642), (424, 29702), (455, 29759), (470, 29789),

Gene: Underpass_28 Start: 26305, Stop: 27276, Start Num: 80
Candidate Starts for Underpass_28:
(Start: 80 @26305 has 47 MA's), (99, 26359), (144, 26479), (156, 26509), (167, 26524), (Start: 184 @26557 has 1 MA's), (185, 26560), (187, 26569), (190, 26590), (210, 26653), (220, 26680), (228, 26704), (244, 26734), (270, 26785), (274, 26797), (305, 26860), (309, 26875), (321, 26935), (327, 26950), (364, 27031), (373, 27049), (375, 27052), (376, 27055), (424, 27106), (448, 27151), (465, 27193), (485, 27235),

Gene: Unicorn_31 Start: 25890, Stop: 26633, Start Num: 176
Candidate Starts for Unicorn_31:
(157, 25863), (Start: 176 @25890 has 165 MA's), (189, 25932), (190, 25938), (200, 25974), (217, 26022), (220, 26031), (233, 26067), (257, 26109), (301, 26217), (350, 26352), (360, 26367), (364, 26379), (373, 26400), (388, 26418), (402, 26424), (448, 26502), (478, 26583), (490, 26604), (495, 26613),

Gene: UnionJack_8 Start: 4891, Stop: 5700, Start Num: 181
Candidate Starts for UnionJack_8:
(Start: 181 @4891 has 57 MA's), (197, 4963), (213, 5020), (230, 5068), (261, 5149), (322, 5338), (343, 5380), (362, 5437), (495, 5686),

Gene: Updawg_13 Start: 6926, Stop: 7903, Start Num: 72
Candidate Starts for Updawg_13:
(Start: 72 @6926 has 61 MA's), (Start: 94 @6980 has 1 MA's), (119, 7037), (189, 7169), (200, 7217), (220, 7274), (233, 7310), (264, 7358), (274, 7397), (305, 7469), (309, 7484), (322, 7529), (330, 7547),

(348, 7589), (369, 7637), (381, 7664), (386, 7679), (392, 7697), (393, 7700), (440, 7790),

Gene: Urkel_31 Start: 26382, Stop: 27254, Start Num: 176
Candidate Starts for Urkel_31:
(125, 26280), (157, 26355), (Start: 176 @26382 has 165 MA's), (Start: 184 @26394 has 1 MA's), (200, 26463), (210, 26490), (217, 26520), (220, 26529), (233, 26565), (238, 26574), (257, 26607), (264, 26625), (301, 26715), (350, 26850), (364, 26877), (373, 26898), (381, 26922), (398, 26973), (419, 27075), (442, 27111), (455, 27135), (495, 27234), (498, 27243),

Gene: VA6_11 Start: 6428, Stop: 7405, Start Num: 72
Candidate Starts for VA6_11:
(19, 5960), (Start: 72 @6428 has 61 MA's), (Start: 94 @6482 has 1 MA's), (189, 6671), (196, 6707), (200, 6719), (220, 6776), (233, 6812), (264, 6860), (274, 6899), (296, 6947), (302, 6965), (305, 6971), (309, 6986), (330, 7049), (348, 7091), (369, 7139), (381, 7166), (386, 7181), (392, 7199), (393, 7202), (413, 7241), (440, 7292),

Gene: VC3_14 Start: 6596, Stop: 7345, Start Num: 177
Candidate Starts for VC3_14:
(Start: 177 @6596 has 9 MA's), (180, 6602), (221, 6743), (264, 6830), (269, 6854), (271, 6860), (282, 6887), (304, 6938), (309, 6956), (369, 7100), (393, 7163), (416, 7211), (418, 7214), (436, 7244), (440, 7253),

Gene: VRedHorse_31 Start: 27690, Stop: 28691, Start Num: 55
Candidate Starts for VRedHorse_31:
(Start: 55 @27690 has 35 MA's), (91, 27765), (Start: 102 @27798 has 1 MA's), (116, 27828), (124, 27849), (Start: 160 @27933 has 1 MA's), (187, 27984), (220, 28095), (269, 28206), (277, 28227), (294, 28266), (299, 28278), (317, 28326), (322, 28353), (333, 28377), (343, 28392), (392, 28500), (424, 28560), (455, 28617), (470, 28647),

Gene: Vagabond_67 Start: 43249, Stop: 44289, Start Num: 62
Candidate Starts for Vagabond_67:
(Start: 62 @43249 has 32 MA's), (91, 43324), (116, 43405), (119, 43411), (124, 43426), (158, 43507), (Start: 160 @43510 has 1 MA's), (187, 43564), (189, 43579), (220, 43675), (235, 43714), (248, 43744), (261, 43774), (262, 43777), (271, 43810), (299, 43876), (317, 43924), (322, 43951), (343, 43990), (428, 44164), (455, 44215),

Gene: Validus_31 Start: 25785, Stop: 26546, Start Num: 176
Candidate Starts for Validus_31:
(Start: 176 @25785 has 165 MA's), (190, 25830), (200, 25866), (220, 25932), (231, 25962), (233, 25968), (238, 25977), (257, 26010), (269, 26052), (295, 26103), (301, 26118), (350, 26253), (364, 26280), (373, 26301), (376, 26307), (381, 26325), (418, 26358), (419, 26364), (448, 26412), (473, 26481), (495, 26526), (498, 26535),

Gene: ValleyTerrace_253 Start: 143793, Stop: 144821, Start Num: 57
Candidate Starts for ValleyTerrace_253:
(Start: 57 @143793 has 189 MA's), (Start: 67 @143823 has 3 MA's), (73, 143835), (91, 143877), (116, 143940), (124, 143961), (Start: 160 @144045 has 1 MA's), (Start: 184 @144087 has 1 MA's), (187, 144099), (189, 144114), (210, 144183), (220, 144210), (244, 144264), (261, 144309), (262, 144312), (288, 144390), (299, 144411), (343, 144522), (386, 144612), (392, 144630), (430, 144702), (448, 144735),

Gene: Veliki_31 Start: 26497, Stop: 27369, Start Num: 176
Candidate Starts for Veliki_31:

(157, 26470), (Start: 176 @26497 has 165 MA's), (Start: 184 @26509 has 1 MA's), (200, 26578), (210, 26605), (217, 26635), (220, 26644), (233, 26680), (238, 26689), (257, 26722), (264, 26740), (271, 26770), (300, 26827), (301, 26830), (350, 26965), (364, 26992), (373, 27013), (381, 27037), (398, 27088), (419, 27190), (442, 27226), (455, 27250), (495, 27349), (498, 27358),

Gene: Velveteen_27 Start: 23733, Stop: 24731, Start Num: 55
Candidate Starts for Velveteen_27:
(Start: 55 @23733 has 35 MA's), (91, 23808), (116, 23868), (124, 23889), (Start: 160 @23973 has 1 MA's), (187, 24024), (189, 24039), (220, 24135), (264, 24222), (269, 24246), (277, 24267), (294, 24306), (299, 24318), (317, 24366), (322, 24393), (333, 24417), (343, 24432), (392, 24540), (416, 24588), (455, 24657), (470, 24687),

Gene: Veracruz_10 Start: 6052, Stop: 7017, Start Num: 65
Candidate Starts for Veracruz_10:
(Start: 65 @6052 has 101 MA's), (88, 6097), (Start: 94 @6118 has 1 MA's), (139, 6238), (145, 6253), (Start: 177 @6292 has 9 MA's), (200, 6376), (220, 6433), (225, 6448), (269, 6529), (274, 6544), (282, 6562), (304, 6613), (309, 6631), (322, 6676), (369, 6772), (393, 6835), (413, 6874), (440, 6925),

Gene: Veteran_31 Start: 27537, Stop: 28538, Start Num: 63
Candidate Starts for Veteran_31:
(2, 26916), (4, 26994), (8, 27057), (16, 27096), (24, 27249), (28, 27285), (Start: 63 @27537 has 221 MA's), (Start: 67 @27558 has 3 MA's), (73, 27570), (91, 27612), (116, 27675), (124, 27696), (138, 27726), (Start: 160 @27780 has 1 MA's), (Start: 174 @27804 has 20 MA's), (187, 27831), (220, 27942), (270, 28056), (277, 28074), (294, 28113), (304, 28137), (317, 28173), (322, 28200), (343, 28239), (369, 28287), (392, 28347), (424, 28407), (455, 28464), (470, 28494),

Gene: Vetrix_28 Start: 26309, Stop: 27280, Start Num: 80
Candidate Starts for Vetrix_28:
(Start: 80 @26309 has 47 MA's), (99, 26363), (144, 26483), (156, 26513), (Start: 184 @26561 has 1 MA's), (185, 26564), (187, 26573), (190, 26594), (210, 26657), (220, 26684), (228, 26708), (244, 26738), (270, 26789), (274, 26801), (305, 26864), (309, 26879), (321, 26939), (327, 26954), (364, 27035), (375, 27056), (376, 27059), (424, 27110), (448, 27155), (465, 27197), (485, 27239),

Gene: Violac_32 Start: 28225, Stop: 29226, Start Num: 63
Candidate Starts for Violac_32:
(Start: 63 @28225 has 221 MA's), (91, 28300), (Start: 102 @28333 has 1 MA's), (116, 28363), (124, 28384), (Start: 160 @28468 has 1 MA's), (Start: 174 @28492 has 20 MA's), (Start: 184 @28507 has 1 MA's), (187, 28519), (220, 28630), (270, 28744), (277, 28762), (294, 28801), (304, 28825), (317, 28861), (322, 28888), (333, 28912), (343, 28927), (392, 29035), (416, 29083), (455, 29152), (470, 29182),

Gene: Violet_9 Start: 5558, Stop: 6526, Start Num: 71
Candidate Starts for Violet_9:
(Start: 71 @5558 has 225 MA's), (Start: 87 @5591 has 5 MA's), (92, 5609), (Start: 94 @5612 has 1 MA's), (203, 5879), (220, 5930), (223, 5942), (264, 6017), (284, 6080), (289, 6092), (299, 6113), (304, 6125), (309, 6143), (317, 6161), (321, 6185), (343, 6224), (384, 6305), (392, 6329), (393, 6332), (394, 6335), (402, 6344), (446, 6431), (490, 6518),

Gene: ViviJ_29 Start: 26988, Stop: 27749, Start Num: 174
Candidate Starts for ViviJ_29:
(148, 26940), (Start: 174 @26988 has 20 MA's), (Start: 184 @27000 has 1 MA's), (185, 27003), (186, 27006), (190, 27033), (200, 27069), (218, 27129), (220, 27135), (231, 27165), (233, 27171), (238, 27180), (257, 27213), (269, 27255), (270, 27258), (274, 27270), (295, 27306), (301, 27321), (311,

27357), (350, 27456), (364, 27483), (373, 27504), (419, 27567), (436, 27591), (448, 27615), (473, 27684), (495, 27729), (498, 27738),

Gene: Vivum_31 Start: 27521, Stop: 28522, Start Num: 63
Candidate Starts for Vivum_31:
(Start: 63 @27521 has 221 MA's), (91, 27596), (116, 27659), (124, 27680), (Start: 160 @27764 has 1 MA's), (187, 27815), (189, 27830), (220, 27926), (269, 28037), (277, 28058), (294, 28097), (299, 28109), (317, 28157), (322, 28184), (333, 28208), (343, 28223), (392, 28331), (416, 28379), (455, 28448), (470, 28478),

Gene: Vix_12 Start: 6044, Stop: 7009, Start Num: 65
Candidate Starts for Vix_12:
(Start: 65 @6044 has 101 MA's), (88, 6089), (Start: 94 @6110 has 1 MA's), (139, 6230), (200, 6368), (220, 6425), (225, 6440), (269, 6521), (274, 6536), (282, 6554), (304, 6605), (309, 6623), (322, 6668), (369, 6764), (393, 6827), (413, 6866), (440, 6917),

Gene: Vorrps_67 Start: 43461, Stop: 44501, Start Num: 62
Candidate Starts for Vorrps_67:
(Start: 62 @43461 has 32 MA's), (91, 43536), (116, 43617), (119, 43623), (124, 43638), (158, 43719), (Start: 160 @43722 has 1 MA's), (187, 43776), (189, 43791), (220, 43887), (235, 43926), (248, 43956), (261, 43986), (262, 43989), (271, 44022), (299, 44088), (311, 44127), (317, 44136), (322, 44163), (343, 44202), (428, 44376), (455, 44427),

Gene: Vortrix_270 Start: 148447, Stop: 149481, Start Num: 57
Candidate Starts for Vortrix_270:
(Start: 57 @148447 has 189 MA's), (91, 148531), (116, 148594), (124, 148615), (Start: 160 @148699 has 1 MA's), (Start: 184 @148741 has 1 MA's), (189, 148768), (210, 148837), (220, 148864), (244, 148918), (259, 148948), (261, 148963), (264, 148969), (288, 149044), (299, 149065), (343, 149176), (386, 149266), (392, 149284), (446, 149386), (448, 149389), (455, 149401), (484, 149458), (493, 149476),

Gene: Wachhund_31 Start: 27697, Stop: 28698, Start Num: 63
Candidate Starts for Wachhund_31:
(Start: 63 @27697 has 221 MA's), (Start: 67 @27718 has 3 MA's), (73, 27730), (91, 27772), (124, 27856), (138, 27886), (Start: 160 @27940 has 1 MA's), (Start: 174 @27964 has 20 MA's), (Start: 184 @27979 has 1 MA's), (187, 27991), (220, 28102), (269, 28213), (277, 28234), (294, 28273), (299, 28285), (317, 28333), (322, 28360), (333, 28384), (343, 28399), (392, 28507), (416, 28555), (455, 28624), (470, 28654),

Gene: Wally_250 Start: 143777, Stop: 144805, Start Num: 57
Candidate Starts for Wally_250:
(Start: 57 @143777 has 189 MA's), (Start: 67 @143807 has 3 MA's), (73, 143819), (91, 143861), (116, 143924), (124, 143945), (Start: 160 @144029 has 1 MA's), (Start: 184 @144071 has 1 MA's), (187, 144083), (189, 144098), (210, 144167), (220, 144194), (244, 144248), (261, 144293), (262, 144296), (288, 144374), (299, 144395), (343, 144506), (386, 144596), (392, 144614), (430, 144686), (448, 144719),

Gene: WalterMcMickey_10 Start: 5719, Stop: 6693, Start Num: 72
Candidate Starts for WalterMcMickey_10:
(Start: 72 @5719 has 61 MA's), (76, 5725), (Start: 94 @5773 has 1 MA's), (155, 5926), (220, 6088), (225, 6103), (233, 6124), (269, 6196), (271, 6202), (274, 6211), (304, 6280), (309, 6298), (322, 6343), (330, 6361), (369, 6439), (381, 6466), (386, 6481), (393, 6502), (413, 6541), (440, 6592), (460, 6634), (492, 6685),

Gene: Wamburgrxpress_26 Start: 25560, Stop: 26591, Start Num: 64
Candidate Starts for Wamburgrxpress_26:
(Start: 64 @25560 has 22 MA's), (120, 25713), (122, 25716), (129, 25740), (135, 25752), (143, 25770), (150, 25788), (158, 25806), (Start: 163 @25812 has 3 MA's), (169, 25821), (Start: 176 @25836 has 165 MA's), (185, 25851), (200, 25923), (220, 25980), (235, 26019), (271, 26097), (274, 26106), (276, 26109), (282, 26124), (302, 26178), (309, 26199), (313, 26214), (356, 26298), (369, 26328), (393, 26397), (402, 26409), (413, 26433), (419, 26451), (424, 26454), (430, 26466), (432, 26469), (448, 26499), (455, 26511),

Gene: Wanda_55 Start: 42450, Stop: 43322, Start Num: 154
Candidate Starts for Wanda_55:
(Start: 154 @42450 has 32 MA's), (Start: 171 @42477 has 1 MA's), (189, 42537), (201, 42585), (220, 42651), (227, 42672), (241, 42693), (261, 42747), (290, 42828), (391, 43107), (392, 43110), (412, 43134), (438, 43170), (445, 43185), (453, 43197), (459, 43218),

Gene: Wander_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for Wander_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (411, 6688), (417, 6700), (421, 6712), (456, 6778),

Gene: Waterfoul_30 Start: 27070, Stop: 27942, Start Num: 176
Candidate Starts for Waterfoul_30:
(125, 26968), (148, 27022), (Start: 176 @27070 has 165 MA's), (Start: 184 @27082 has 1 MA's), (185, 27085), (186, 27088), (190, 27115), (198, 27145), (200, 27151), (217, 27205), (220, 27214), (223, 27226), (231, 27244), (238, 27259), (257, 27292), (264, 27310), (271, 27340), (304, 27409), (364, 27562), (371, 27580), (373, 27583), (393, 27643), (398, 27661), (402, 27688), (419, 27760), (430, 27775), (442, 27796), (444, 27799), (455, 27820), (490, 27913), (495, 27922), (498, 27931),

Gene: Watermelon_12 Start: 6873, Stop: 7841, Start Num: 71
Candidate Starts for Watermelon_12:
(Start: 71 @6873 has 225 MA's), (Start: 87 @6906 has 5 MA's), (92, 6924), (Start: 94 @6927 has 1 MA's), (203, 7194), (220, 7245), (223, 7257), (264, 7332), (284, 7395), (299, 7428), (304, 7440), (309, 7458), (317, 7476), (343, 7539), (384, 7620), (392, 7644), (393, 7647), (394, 7650), (402, 7659), (446, 7746), (470, 7791), (490, 7833),

Gene: Watson_12 Start: 5954, Stop: 6919, Start Num: 65
Candidate Starts for Watson_12:
(Start: 65 @5954 has 101 MA's), (88, 5999), (Start: 94 @6020 has 1 MA's), (139, 6140), (200, 6278), (220, 6335), (225, 6350), (269, 6431), (274, 6446), (282, 6464), (304, 6515), (309, 6533), (322, 6578), (369, 6674), (393, 6737), (413, 6776), (440, 6827),

Gene: Wee_32 Start: 28223, Stop: 29221, Start Num: 55
Candidate Starts for Wee_32:
(Start: 55 @28223 has 35 MA's), (91, 28298), (116, 28358), (124, 28379), (Start: 160 @28463 has 1 MA's), (187, 28514), (189, 28529), (220, 28625), (269, 28736), (277, 28757), (294, 28796), (299, 28808), (317, 28856), (322, 28883), (333, 28907), (343, 28922), (392, 29030), (416, 29078), (455, 29147), (470, 29177),

Gene: WeiHuaDA_16 Start: 8697, Stop: 9674, Start Num: 72
Candidate Starts for WeiHuaDA_16:

(54, 8655), (Start: 72 @8697 has 61 MA's), (Start: 94 @8751 has 1 MA's), (200, 8988), (220, 9045), (264, 9129), (274, 9168), (304, 9237), (309, 9255), (330, 9318), (348, 9360), (369, 9408), (381, 9435), (386, 9450), (392, 9468), (393, 9471), (440, 9561), (486, 9660),

Gene: Weiss13_39 Start: 35042, Stop: 36091, Start Num: 63
Candidate Starts for Weiss13_39:
(Start: 63 @35042 has 221 MA's), (95, 35126), (97, 35135), (105, 35159), (116, 35189), (124, 35210), (140, 35246), (147, 35267), (151, 35276), (Start: 160 @35294 has 1 MA's), (190, 35363), (216, 35453), (234, 35495), (245, 35516), (277, 35615), (287, 35642), (317, 35714), (340, 35768), (413, 35921), (426, 35945), (430, 35954), (454, 35996), (455, 35999), (457, 36005), (460, 36014), (483, 36050), (488, 36059), (493, 36068),

Gene: Whabigail7_13 Start: 6883, Stop: 7875, Start Num: 83
Candidate Starts for Whabigail7_13:
(Start: 83 @6883 has 55 MA's), (Start: 101 @6934 has 1 MA's), (Start: 102 @6937 has 1 MA's), (179, 7105), (Start: 184 @7111 has 1 MA's), (189, 7138), (205, 7198), (220, 7243), (264, 7330), (278, 7375), (294, 7414), (310, 7462), (318, 7477), (338, 7543), (358, 7585), (393, 7672), (448, 7786),

Gene: Whatsapiecost_32 Start: 27956, Stop: 28957, Start Num: 63
Candidate Starts for Whatsapiecost_32:
(Start: 63 @27956 has 221 MA's), (91, 28031), (116, 28094), (124, 28115), (Start: 160 @28199 has 1 MA's), (Start: 174 @28223 has 20 MA's), (Start: 184 @28238 has 1 MA's), (187, 28250), (220, 28361), (270, 28475), (277, 28493), (294, 28532), (304, 28556), (317, 28592), (322, 28619), (343, 28658), (392, 28766), (416, 28814), (455, 28883), (470, 28913),

Gene: Wheeler_10 Start: 6039, Stop: 7007, Start Num: 71
Candidate Starts for Wheeler_10:
(Start: 71 @6039 has 225 MA's), (Start: 87 @6072 has 5 MA's), (92, 6090), (Start: 94 @6093 has 1 MA's), (203, 6360), (220, 6411), (223, 6423), (264, 6498), (284, 6561), (289, 6573), (299, 6594), (304, 6606), (309, 6624), (317, 6642), (321, 6666), (343, 6705), (384, 6786), (392, 6810), (393, 6813), (394, 6816), (402, 6825), (446, 6912), (490, 6999),

Gene: Whirlwind_29 Start: 26586, Stop: 27629, Start Num: 80
Candidate Starts for Whirlwind_29:
(Start: 80 @26586 has 47 MA's), (Start: 83 @26592 has 55 MA's), (Start: 86 @26598 has 14 MA's), (92, 26619), (99, 26640), (115, 26691), (126, 26721), (149, 26772), (Start: 166 @26805 has 22 MA's), (172, 26817), (191, 26877), (218, 26958), (220, 26964), (238, 27009), (267, 27060), (272, 27078), (274, 27084), (277, 27090), (309, 27162), (325, 27219), (353, 27279), (385, 27354), (392, 27375), (410, 27399), (418, 27414), (419, 27420), (455, 27483), (495, 27585), (501, 27606), (502, 27612),

Gene: Whitspit_11 Start: 6623, Stop: 7591, Start Num: 71
Candidate Starts for Whitspit_11:
(Start: 71 @6623 has 225 MA's), (Start: 87 @6656 has 5 MA's), (92, 6674), (Start: 94 @6677 has 1 MA's), (203, 6944), (220, 6995), (223, 7007), (264, 7082), (284, 7145), (299, 7178), (304, 7190), (309, 7208), (317, 7226), (343, 7289), (384, 7370), (392, 7394), (393, 7397), (394, 7400), (402, 7409), (446, 7496), (470, 7541), (490, 7583),

Gene: Whouxphf_32 Start: 28010, Stop: 29011, Start Num: 63
Candidate Starts for Whouxphf_32:
(Start: 63 @28010 has 221 MA's), (91, 28085), (Start: 102 @28118 has 1 MA's), (116, 28148), (124, 28169), (138, 28199), (142, 28211), (Start: 160 @28253 has 1 MA's), (Start: 174 @28277 has 20 MA's), (Start: 184 @28292 has 1 MA's), (187, 28304), (220, 28415), (270, 28529), (277, 28547), (294, 28586), (304, 28610), (317, 28646), (322, 28673), (343, 28712), (369, 28760), (392, 28820), (416,

28868), (424, 28880), (448, 28925), (455, 28937), (470, 28967),

Gene: WideWale_13 Start: 6926, Stop: 7903, Start Num: 72
Candidate Starts for WideWale_13:
(Start: 72 @6926 has 61 MA's), (Start: 94 @6980 has 1 MA's), (119, 7037), (189, 7169), (200, 7217), (220, 7274), (233, 7310), (264, 7358), (274, 7397), (305, 7469), (309, 7484), (322, 7529), (330, 7547), (348, 7589), (369, 7637), (381, 7664), (386, 7679), (392, 7697), (393, 7700), (440, 7790),

Gene: Wigglewiggle_28 Start: 26335, Stop: 27306, Start Num: 80
Candidate Starts for Wigglewiggle_28:
(Start: 80 @26335 has 47 MA's), (99, 26389), (144, 26509), (156, 26539), (167, 26554), (Start: 184 @26587 has 1 MA's), (185, 26590), (187, 26599), (190, 26620), (210, 26683), (220, 26710), (228, 26734), (244, 26764), (270, 26815), (274, 26827), (305, 26890), (309, 26905), (321, 26965), (327, 26980), (364, 27061), (373, 27079), (375, 27082), (376, 27085), (424, 27136), (448, 27181), (465, 27223), (485, 27265),

Gene: Wilbur_10 Start: 5880, Stop: 6860, Start Num: 84
Candidate Starts for Wilbur_10:
(Start: 84 @5880 has 125 MA's), (Start: 86 @5883 has 14 MA's), (Start: 94 @5907 has 1 MA's), (Start: 101 @5928 has 1 MA's), (Start: 102 @5931 has 1 MA's), (200, 6180), (220, 6237), (265, 6321), (269, 6342), (280, 6369), (306, 6426), (363, 6576), (411, 6687), (417, 6699), (421, 6711), (456, 6777),

Gene: Wilder_28 Start: 26308, Stop: 27279, Start Num: 80
Candidate Starts for Wilder_28:
(Start: 80 @26308 has 47 MA's), (99, 26362), (144, 26482), (156, 26512), (167, 26527), (Start: 184 @26560 has 1 MA's), (185, 26563), (187, 26572), (190, 26593), (210, 26656), (220, 26683), (228, 26707), (244, 26737), (270, 26788), (274, 26800), (305, 26863), (309, 26878), (321, 26938), (327, 26953), (364, 27034), (373, 27052), (375, 27055), (376, 27058), (424, 27109), (448, 27154), (465, 27196), (485, 27238),

Gene: Wildflower_67 Start: 42973, Stop: 44013, Start Num: 62
Candidate Starts for Wildflower_67:
(Start: 62 @42973 has 32 MA's), (91, 43048), (116, 43129), (119, 43135), (124, 43150), (158, 43231), (Start: 160 @43234 has 1 MA's), (187, 43288), (189, 43303), (220, 43399), (235, 43438), (248, 43468), (261, 43498), (262, 43501), (271, 43534), (299, 43600), (311, 43639), (317, 43648), (322, 43675), (343, 43714), (428, 43888), (455, 43939),

Gene: Wile_10 Start: 5888, Stop: 6871, Start Num: 83
Candidate Starts for Wile_10:
(Start: 83 @5888 has 55 MA's), (Start: 94 @5918 has 1 MA's), (Start: 101 @5939 has 1 MA's), (Start: 102 @5942 has 1 MA's), (200, 6191), (218, 6242), (220, 6248), (223, 6260), (237, 6290), (265, 6332), (280, 6380), (296, 6410), (306, 6437), (363, 6587), (417, 6710), (421, 6722), (429, 6731), (456, 6788), (491, 6863),

Gene: Wilkins_10 Start: 5750, Stop: 6718, Start Num: 71
Candidate Starts for Wilkins_10:
(Start: 71 @5750 has 225 MA's), (Start: 87 @5783 has 5 MA's), (92, 5801), (Start: 94 @5804 has 1 MA's), (203, 6071), (220, 6122), (223, 6134), (264, 6209), (284, 6272), (289, 6284), (299, 6305), (304, 6317), (309, 6335), (317, 6353), (321, 6377), (343, 6416), (384, 6497), (392, 6521), (393, 6524), (394, 6527), (402, 6536), (446, 6623), (490, 6710),

Gene: WillSterrel_33 Start: 29145, Stop: 30146, Start Num: 63
Candidate Starts for WillSterrel_33:

(37, 29046), (50, 29118), (Start: 63 @29145 has 221 MA's), (Start: 67 @29166 has 3 MA's), (73, 29178), (91, 29220), (Start: 102 @29253 has 1 MA's), (116, 29283), (124, 29304), (Start: 160 @29388 has 1 MA's), (Start: 174 @29412 has 20 MA's), (Start: 184 @29427 has 1 MA's), (187, 29439), (220, 29550), (269, 29661), (277, 29682), (294, 29721), (317, 29781), (322, 29808), (343, 29847), (392, 29955), (402, 29970), (416, 30003), (455, 30072), (470, 30102),

Gene: Willis_253 Start: 144716, Stop: 145744, Start Num: 57
Candidate Starts for Willis_253:
(Start: 57 @144716 has 189 MA's), (Start: 67 @144746 has 3 MA's), (73, 144758), (91, 144800), (116, 144863), (124, 144884), (Start: 160 @144968 has 1 MA's), (Start: 184 @145010 has 1 MA's), (187, 145022), (189, 145037), (210, 145106), (220, 145133), (244, 145187), (261, 145232), (262, 145235), (288, 145313), (299, 145334), (343, 145445), (386, 145535), (392, 145553), (430, 145625), (448, 145658),

Gene: Winget_68 Start: 43679, Stop: 44719, Start Num: 62
Candidate Starts for Winget_68:
(Start: 62 @43679 has 32 MA's), (91, 43754), (116, 43835), (119, 43841), (124, 43856), (158, 43937), (Start: 160 @43940 has 1 MA's), (187, 43994), (189, 44009), (220, 44105), (235, 44144), (248, 44174), (261, 44204), (262, 44207), (271, 44240), (299, 44306), (311, 44345), (317, 44354), (322, 44381), (343, 44420), (428, 44594), (455, 44645),

Gene: Winky_28 Start: 26303, Stop: 27274, Start Num: 80
Candidate Starts for Winky_28:
(Start: 80 @26303 has 47 MA's), (99, 26357), (156, 26507), (Start: 163 @26516 has 3 MA's), (167, 26522), (Start: 184 @26555 has 1 MA's), (185, 26558), (187, 26567), (190, 26588), (210, 26651), (220, 26678), (228, 26702), (270, 26783), (274, 26795), (305, 26858), (309, 26873), (321, 26933), (327, 26948), (364, 27029), (373, 27047), (375, 27050), (376, 27053), (424, 27104), (448, 27149), (465, 27191), (485, 27233),

Gene: Wintermute_32 Start: 27629, Stop: 28420, Start Num: 162
Candidate Starts for Wintermute_32:
(Start: 162 @27629 has 23 MA's), (Start: 184 @27662 has 1 MA's), (190, 27695), (196, 27719), (203, 27740), (217, 27788), (220, 27797), (233, 27833), (273, 27914), (350, 28121), (364, 28148), (367, 28154), (373, 28169), (381, 28193), (418, 28217), (430, 28238), (448, 28271), (455, 28283), (479, 28355),

Gene: Wizard007_10 Start: 5883, Stop: 6863, Start Num: 84
Candidate Starts for Wizard007_10:
(Start: 84 @5883 has 125 MA's), (Start: 86 @5886 has 14 MA's), (Start: 94 @5910 has 1 MA's), (Start: 101 @5931 has 1 MA's), (Start: 102 @5934 has 1 MA's), (200, 6183), (220, 6240), (265, 6324), (269, 6345), (280, 6372), (296, 6402), (306, 6429), (363, 6579), (411, 6690), (417, 6702), (421, 6714), (456, 6780),

Gene: Wogge42_66 Start: 43120, Stop: 44160, Start Num: 62
Candidate Starts for Wogge42_66:
(Start: 62 @43120 has 32 MA's), (91, 43195), (116, 43276), (119, 43282), (124, 43297), (158, 43378), (Start: 160 @43381 has 1 MA's), (187, 43435), (189, 43450), (220, 43546), (235, 43585), (248, 43615), (261, 43645), (262, 43648), (271, 43681), (299, 43747), (311, 43786), (317, 43795), (322, 43822), (343, 43861), (369, 43909), (428, 44035), (455, 44086),

Gene: Wooldri_14 Start: 5873, Stop: 6838, Start Num: 65
Candidate Starts for Wooldri_14:

(Start: 65 @5873 has 101 MA's), (88, 5918), (Start: 94 @5939 has 1 MA's), (139, 6059), (200, 6197), (220, 6254), (225, 6269), (269, 6350), (274, 6365), (282, 6383), (304, 6434), (309, 6452), (322, 6497), (369, 6593), (393, 6656), (413, 6695), (440, 6746),

Gene: Wyatt2_26 Start: 25547, Stop: 26578, Start Num: 64
Candidate Starts for Wyatt2_26:
(Start: 64 @25547 has 22 MA's), (120, 25700), (122, 25703), (129, 25727), (135, 25739), (143, 25757), (150, 25775), (158, 25793), (Start: 163 @25799 has 3 MA's), (169, 25808), (Start: 176 @25823 has 165 MA's), (185, 25838), (200, 25910), (220, 25967), (235, 26006), (271, 26084), (274, 26093), (276, 26096), (282, 26111), (302, 26165), (309, 26186), (313, 26201), (356, 26285), (369, 26315), (393, 26384), (402, 26396), (413, 26420), (419, 26438), (424, 26441), (430, 26453), (432, 26456), (448, 26486), (455, 26498),

Gene: XFactor_31 Start: 27697, Stop: 28698, Start Num: 63
Candidate Starts for XFactor_31:
(Start: 63 @27697 has 221 MA's), (Start: 67 @27718 has 3 MA's), (73, 27730), (91, 27772), (116, 27835), (124, 27856), (138, 27886), (Start: 160 @27940 has 1 MA's), (Start: 174 @27964 has 20 MA's), (187, 27991), (220, 28102), (270, 28216), (277, 28234), (294, 28273), (304, 28297), (317, 28333), (322, 28360), (343, 28399), (369, 28447), (392, 28507), (424, 28567), (455, 28624), (470, 28654),

Gene: Xena_10 Start: 5878, Stop: 6858, Start Num: 84
Candidate Starts for Xena_10:
(51, 5818), (61, 5836), (Start: 84 @5878 has 125 MA's), (Start: 86 @5881 has 14 MA's), (Start: 94 @5905 has 1 MA's), (Start: 101 @5926 has 1 MA's), (Start: 102 @5929 has 1 MA's), (200, 6178), (218, 6229), (220, 6235), (223, 6247), (237, 6277), (265, 6319), (280, 6367), (296, 6397), (306, 6424), (363, 6574), (417, 6697), (421, 6709), (429, 6718), (456, 6775), (491, 6850),

Gene: XianYue_11 Start: 6359, Stop: 7345, Start Num: 83
Candidate Starts for XianYue_11:
(Start: 83 @6359 has 55 MA's), (Start: 94 @6389 has 1 MA's), (Start: 102 @6413 has 1 MA's), (Start: 162 @6548 has 23 MA's), (200, 6662), (210, 6689), (218, 6713), (220, 6719), (280, 6851), (306, 6908), (363, 7058), (374, 7082), (389, 7127), (414, 7172), (421, 7193), (439, 7229), (456, 7265), (468, 7295),

Gene: Xiaokay_44 Start: 39470, Stop: 40336, Start Num: 154
Candidate Starts for Xiaokay_44:
(Start: 154 @39470 has 32 MA's), (Start: 171 @39497 has 1 MA's), (201, 39605), (207, 39626), (220, 39671), (227, 39692), (241, 39713), (261, 39767), (277, 39818), (298, 39869), (351, 40019), (366, 40061), (385, 40112), (392, 40130), (441, 40196), (447, 40208), (453, 40217), (462, 40247), (489, 40310),

Gene: Ximenita_32 Start: 25917, Stop: 26660, Start Num: 176
Candidate Starts for Ximenita_32:
(157, 25890), (Start: 176 @25917 has 165 MA's), (189, 25959), (190, 25965), (200, 26001), (217, 26049), (220, 26058), (233, 26094), (257, 26136), (301, 26244), (350, 26379), (360, 26394), (364, 26406), (373, 26427), (387, 26442), (402, 26451), (478, 26610), (490, 26631), (495, 26640),

Gene: Y10_32 Start: 27629, Stop: 28420, Start Num: 162
Candidate Starts for Y10_32:
(Start: 162 @27629 has 23 MA's), (Start: 184 @27662 has 1 MA's), (190, 27695), (196, 27719), (203, 27740), (217, 27788), (220, 27797), (233, 27833), (273, 27914), (350, 28121), (364, 28148), (367, 28154), (373, 28169), (381, 28193), (418, 28217), (430, 28238), (448, 28271), (455, 28283), (479, 28355),

Gene: Y2_32 Start: 27629, Stop: 28420, Start Num: 162
Candidate Starts for Y2_32:
(Start: 162 @27629 has 23 MA's), (Start: 184 @27662 has 1 MA's), (190, 27695), (196, 27719), (203, 27740), (217, 27788), (220, 27797), (233, 27833), (273, 27914), (350, 28121), (364, 28148), (367, 28154), (373, 28169), (381, 28193), (418, 28217), (430, 28238), (448, 28271), (455, 28283), (479, 28355),

Gene: Yahalom_47 Start: 41547, Stop: 42611, Start Num: 52
Candidate Starts for Yahalom_47:
(Start: 52 @41547 has 53 MA's), (Start: 77 @41610 has 3 MA's), (110, 41691), (138, 41757), (144, 41772), (147, 41784), (161, 41811), (188, 41868), (190, 41877), (242, 42024), (251, 42039), (269, 42093), (282, 42126), (301, 42165), (305, 42177), (331, 42258), (343, 42276), (344, 42279), (369, 42324), (416, 42435), (475, 42546), (486, 42567), (499, 42600),

Gene: YasnayaPolyana_32 Start: 27630, Stop: 28421, Start Num: 162
Candidate Starts for YasnayaPolyana_32:
(Start: 162 @27630 has 23 MA's), (Start: 184 @27663 has 1 MA's), (190, 27696), (196, 27720), (203, 27741), (217, 27789), (220, 27798), (233, 27834), (273, 27915), (350, 28122), (364, 28149), (367, 28155), (373, 28170), (381, 28194), (418, 28218), (430, 28239), (448, 28272), (455, 28284), (479, 28356),

Gene: Yassified_248 Start: 143912, Stop: 144940, Start Num: 57
Candidate Starts for Yassified_248:
(Start: 57 @143912 has 189 MA's), (Start: 67 @143942 has 3 MA's), (91, 143996), (116, 144059), (124, 144080), (Start: 160 @144164 has 1 MA's), (Start: 184 @144206 has 1 MA's), (187, 144218), (189, 144233), (210, 144302), (220, 144329), (244, 144383), (261, 144428), (262, 144431), (288, 144509), (299, 144530), (343, 144641), (386, 144731), (392, 144749), (430, 144821), (448, 144854),

Gene: Yeet_47 Start: 41871, Stop: 42743, Start Num: 154
Candidate Starts for Yeet_47:
(Start: 154 @41871 has 32 MA's), (Start: 171 @41898 has 1 MA's), (189, 41958), (201, 42006), (220, 42072), (227, 42093), (241, 42114), (261, 42168), (290, 42249), (391, 42528), (392, 42531), (412, 42555), (438, 42591), (445, 42606), (453, 42618), (459, 42639),

Gene: Yelo_39 Start: 35335, Stop: 36384, Start Num: 63
Candidate Starts for Yelo_39:
(Start: 63 @35335 has 221 MA's), (95, 35419), (97, 35428), (105, 35452), (116, 35482), (124, 35503), (131, 35521), (140, 35539), (147, 35560), (151, 35569), (Start: 160 @35587 has 1 MA's), (Start: 181 @35614 has 57 MA's), (190, 35656), (234, 35788), (245, 35809), (277, 35908), (317, 36007), (340, 36061), (410, 36211), (426, 36238), (430, 36247), (454, 36289), (455, 36292), (457, 36298), (460, 36307), (483, 36343), (488, 36352), (493, 36361),

Gene: YemiJoy2021_253 Start: 145447, Stop: 146475, Start Num: 57
Candidate Starts for YemiJoy2021_253:
(Start: 57 @145447 has 189 MA's), (Start: 67 @145477 has 3 MA's), (73, 145489), (91, 145531), (116, 145594), (124, 145615), (Start: 160 @145699 has 1 MA's), (Start: 184 @145741 has 1 MA's), (187, 145753), (189, 145768), (210, 145837), (220, 145864), (244, 145918), (261, 145963), (262, 145966), (288, 146044), (299, 146065), (343, 146176), (386, 146266), (392, 146284), (430, 146356), (448, 146389),

Gene: Yinz_47 Start: 41573, Stop: 42637, Start Num: 52
Candidate Starts for Yinz_47:

(Start: 52 @41573 has 53 MA's), (Start: 77 @41636 has 3 MA's), (110, 41717), (138, 41783), (144, 41798), (147, 41810), (161, 41837), (188, 41894), (190, 41903), (242, 42050), (251, 42065), (269, 42119), (282, 42152), (301, 42191), (305, 42203), (331, 42284), (343, 42302), (344, 42305), (416, 42461), (475, 42572), (486, 42593), (499, 42626),

Gene: YoSam321_10 Start: 5881, Stop: 6861, Start Num: 84
Candidate Starts for YoSam321_10:
(Start: 84 @5881 has 125 MA's), (Start: 86 @5884 has 14 MA's), (Start: 94 @5908 has 1 MA's), (Start: 101 @5929 has 1 MA's), (Start: 102 @5932 has 1 MA's), (200, 6181), (220, 6238), (251, 6301), (265, 6322), (269, 6343), (280, 6370), (296, 6400), (306, 6427), (363, 6577), (417, 6700), (421, 6712), (476, 6823),

Gene: Yorick_31 Start: 27697, Stop: 28698, Start Num: 63
Candidate Starts for Yorick_31:
(Start: 63 @27697 has 221 MA's), (Start: 67 @27718 has 3 MA's), (73, 27730), (91, 27772), (116, 27835), (124, 27856), (138, 27886), (Start: 160 @27940 has 1 MA's), (Start: 174 @27964 has 20 MA's), (Start: 184 @27979 has 1 MA's), (187, 27991), (220, 28102), (270, 28216), (277, 28234), (294, 28273), (304, 28297), (317, 28333), (322, 28360), (343, 28399), (369, 28447), (392, 28507), (424, 28567), (455, 28624), (470, 28654),

Gene: Yoshi_38 Start: 27091, Stop: 28161, Start Num: 63
Candidate Starts for Yoshi_38:
(Start: 63 @27091 has 221 MA's), (147, 27307), (151, 27316), (Start: 181 @27361 has 57 MA's), (190, 27403), (203, 27454), (216, 27496), (229, 27538), (242, 27568), (254, 27598), (255, 27601), (276, 27676), (284, 27697), (289, 27709), (296, 27721), (303, 27742), (331, 27826), (369, 27901), (416, 28009), (418, 28012), (419, 28018), (442, 28054), (444, 28057), (446, 28063), (455, 28078), (488, 28144),

Gene: YoungMoneyMata_252 Start: 144908, Stop: 145936, Start Num: 57
Candidate Starts for YoungMoneyMata_252:
(Start: 57 @144908 has 189 MA's), (Start: 67 @144938 has 3 MA's), (73, 144950), (91, 144992), (116, 145055), (124, 145076), (Start: 160 @145160 has 1 MA's), (Start: 184 @145202 has 1 MA's), (187, 145214), (189, 145229), (210, 145298), (220, 145325), (244, 145379), (261, 145424), (262, 145427), (288, 145505), (299, 145526), (343, 145637), (386, 145727), (392, 145745), (430, 145817), (448, 145850),

Gene: YoureAdopted_30 Start: 26430, Stop: 27302, Start Num: 176
Candidate Starts for YoureAdopted_30:
(44, 26100), (125, 26328), (157, 26403), (Start: 176 @26430 has 165 MA's), (Start: 184 @26442 has 1 MA's), (200, 26511), (210, 26538), (217, 26568), (220, 26577), (233, 26613), (257, 26655), (264, 26673), (271, 26703), (301, 26763), (350, 26898), (364, 26925), (373, 26946), (381, 26970), (398, 27021), (419, 27123), (442, 27159), (455, 27183), (495, 27282), (498, 27291),

Gene: YoyoKar_65 Start: 42963, Stop: 44003, Start Num: 62
Candidate Starts for YoyoKar_65:
(Start: 62 @42963 has 32 MA's), (91, 43038), (116, 43119), (119, 43125), (124, 43140), (158, 43221), (Start: 160 @43224 has 1 MA's), (187, 43278), (189, 43293), (220, 43389), (235, 43428), (248, 43458), (261, 43488), (262, 43491), (271, 43524), (299, 43590), (317, 43638), (322, 43665), (343, 43704), (428, 43878), (455, 43929),

Gene: Yucca_253 Start: 145888, Stop: 146916, Start Num: 57
Candidate Starts for Yucca_253:

(Start: 57 @145888 has 189 MA's), (Start: 67 @145918 has 3 MA's), (73, 145930), (91, 145972), (116, 146035), (124, 146056), (Start: 160 @146140 has 1 MA's), (Start: 184 @146182 has 1 MA's), (187, 146194), (189, 146209), (210, 146278), (220, 146305), (244, 146359), (261, 146404), (262, 146407), (288, 146485), (299, 146506), (343, 146617), (386, 146707), (392, 146725), (430, 146797), (448, 146830),

Gene: Yuna_32 Start: 26320, Stop: 27069, Start Num: 176
Candidate Starts for Yuna_32:
(125, 26218), (133, 26239), (148, 26272), (157, 26293), (Start: 176 @26320 has 165 MA's), (Start: 184 @26332 has 1 MA's), (185, 26335), (189, 26359), (190, 26365), (200, 26401), (217, 26449), (220, 26458), (238, 26503), (257, 26536), (271, 26584), (309, 26671), (350, 26779), (364, 26806), (373, 26827), (381, 26851), (442, 26926), (455, 26950), (470, 26998), (490, 27040), (495, 27049),

Gene: YungJamal_72 Start: 44871, Stop: 45911, Start Num: 62
Candidate Starts for YungJamal_72:
(Start: 62 @44871 has 32 MA's), (91, 44946), (116, 45027), (119, 45033), (124, 45048), (158, 45129), (Start: 160 @45132 has 1 MA's), (187, 45186), (189, 45201), (220, 45297), (235, 45336), (248, 45366), (261, 45396), (262, 45399), (271, 45432), (299, 45498), (311, 45537), (317, 45546), (322, 45573), (343, 45612), (369, 45660), (428, 45786), (455, 45837),

Gene: Yunkel11_31 Start: 25718, Stop: 26587, Start Num: 176
Candidate Starts for Yunkel11_31:
(148, 25670), (157, 25691), (Start: 176 @25718 has 165 MA's), (Start: 184 @25730 has 1 MA's), (189, 25757), (190, 25763), (198, 25793), (200, 25799), (220, 25862), (233, 25898), (238, 25907), (257, 25940), (271, 25988), (304, 26057), (364, 26210), (373, 26231), (381, 26255), (387, 26273), (394, 26294), (402, 26333), (419, 26408), (442, 26444), (478, 26537), (495, 26567), (498, 26576),

Gene: Zabiza_31 Start: 26461, Stop: 27333, Start Num: 176
Candidate Starts for Zabiza_31:
(157, 26434), (Start: 176 @26461 has 165 MA's), (Start: 184 @26473 has 1 MA's), (200, 26542), (210, 26569), (217, 26599), (220, 26608), (233, 26644), (238, 26653), (257, 26686), (264, 26704), (271, 26734), (300, 26791), (301, 26794), (350, 26929), (364, 26956), (373, 26977), (381, 27001), (398, 27052), (419, 27154), (442, 27190), (455, 27214), (495, 27313), (498, 27322),

Gene: Zakhe101_66 Start: 43519, Stop: 44559, Start Num: 62
Candidate Starts for Zakhe101_66:
(Start: 62 @43519 has 32 MA's), (91, 43594), (116, 43675), (119, 43681), (124, 43696), (158, 43777), (Start: 160 @43780 has 1 MA's), (187, 43834), (189, 43849), (220, 43945), (235, 43984), (248, 44014), (261, 44044), (262, 44047), (271, 44080), (299, 44146), (311, 44185), (317, 44194), (322, 44221), (343, 44260), (428, 44434), (455, 44485),

Gene: Zalkecks_251 Start: 144545, Stop: 145573, Start Num: 57
Candidate Starts for Zalkecks_251:
(Start: 57 @144545 has 189 MA's), (Start: 67 @144575 has 3 MA's), (73, 144587), (91, 144629), (116, 144692), (124, 144713), (Start: 160 @144797 has 1 MA's), (Start: 184 @144839 has 1 MA's), (187, 144851), (189, 144866), (210, 144935), (220, 144962), (244, 145016), (261, 145061), (262, 145064), (288, 145142), (299, 145163), (343, 145274), (386, 145364), (392, 145382), (430, 145454), (448, 145487),

Gene: Zapner_38 Start: 28198, Stop: 29271, Start Num: 63
Candidate Starts for Zapner_38:
(Start: 63 @28198 has 221 MA's), (Start: 70 @28225 has 1 MA's), (89, 28255), (123, 28348), (124, 28357), (127, 28366), (151, 28423), (Start: 181 @28468 has 57 MA's), (188, 28501), (190, 28510),

(203, 28561), (216, 28603), (222, 28627), (224, 28636), (229, 28648), (242, 28678), (254, 28708), (255, 28711), (269, 28768), (270, 28771), (276, 28786), (281, 28798), (284, 28807), (296, 28831), (305, 28855), (331, 28936), (369, 29011), (418, 29122), (442, 29164), (444, 29167), (446, 29173), (455, 29188), (488, 29254),

Gene: Zarafa_10 Start: 5799, Stop: 6539, Start Num: 166
Candidate Starts for Zarafa_10:
(Start: 166 @5799 has 22 MA's), (200, 5886), (220, 5943), (223, 5955), (225, 5958), (235, 5982), (249, 5997), (261, 6015), (269, 6045), (271, 6051), (282, 6078), (309, 6147), (334, 6219), (357, 6261), (369, 6288), (381, 6315), (392, 6348), (393, 6351), (413, 6390), (492, 6531),

Gene: Zaria_26 Start: 25561, Stop: 26592, Start Num: 64
Candidate Starts for Zaria_26:
(Start: 64 @25561 has 22 MA's), (120, 25714), (122, 25717), (129, 25741), (135, 25753), (143, 25771), (150, 25789), (158, 25807), (Start: 163 @25813 has 3 MA's), (169, 25822), (Start: 176 @25837 has 165 MA's), (185, 25852), (200, 25924), (220, 25981), (235, 26020), (271, 26098), (274, 26107), (276, 26110), (282, 26125), (302, 26179), (309, 26200), (313, 26215), (356, 26299), (369, 26329), (393, 26398), (402, 26410), (413, 26434), (419, 26452), (424, 26455), (430, 26467), (432, 26470), (448, 26500), (455, 26512),

Gene: Zavala_31 Start: 26436, Stop: 27308, Start Num: 176
Candidate Starts for Zavala_31:
(157, 26409), (Start: 176 @26436 has 165 MA's), (Start: 184 @26448 has 1 MA's), (200, 26517), (210, 26544), (217, 26574), (220, 26583), (233, 26619), (238, 26628), (257, 26661), (264, 26679), (271, 26709), (301, 26769), (350, 26904), (364, 26931), (373, 26952), (381, 26976), (398, 27027), (419, 27129), (442, 27165), (455, 27189), (495, 27288), (498, 27297),

Gene: Zebo_67 Start: 43422, Stop: 44462, Start Num: 62
Candidate Starts for Zebo_67:
(Start: 62 @43422 has 32 MA's), (91, 43497), (116, 43578), (119, 43584), (124, 43599), (158, 43680), (Start: 160 @43683 has 1 MA's), (187, 43737), (189, 43752), (220, 43848), (235, 43887), (248, 43917), (261, 43947), (262, 43950), (271, 43983), (299, 44049), (317, 44097), (322, 44124), (343, 44163), (428, 44337), (455, 44388),

Gene: Zeeculate_9 Start: 5734, Stop: 6702, Start Num: 71
Candidate Starts for Zeeculate_9:
(Start: 71 @5734 has 225 MA's), (Start: 87 @5767 has 5 MA's), (92, 5785), (Start: 94 @5788 has 1 MA's), (203, 6055), (220, 6106), (223, 6118), (264, 6193), (284, 6256), (289, 6268), (299, 6289), (304, 6301), (309, 6319), (317, 6337), (321, 6361), (343, 6400), (384, 6481), (392, 6505), (393, 6508), (394, 6511), (402, 6520), (446, 6607), (470, 6652), (490, 6694),

Gene: Zeenon_253 Start: 145079, Stop: 146107, Start Num: 57
Candidate Starts for Zeenon_253:
(Start: 57 @145079 has 189 MA's), (Start: 67 @145109 has 3 MA's), (73, 145121), (91, 145163), (116, 145226), (124, 145247), (Start: 160 @145331 has 1 MA's), (Start: 184 @145373 has 1 MA's), (187, 145385), (189, 145400), (210, 145469), (220, 145496), (244, 145550), (261, 145595), (262, 145598), (288, 145676), (299, 145697), (343, 145808), (386, 145898), (392, 145916), (430, 145988), (448, 146021),

Gene: Zelink_50 Start: 43683, Stop: 44528, Start Num: 171
Candidate Starts for Zelink_50:
(Start: 154 @43656 has 32 MA's), (Start: 171 @43683 has 1 MA's), (207, 43812), (220, 43857), (227, 43878), (241, 43899), (261, 43953), (290, 44034), (391, 44313), (392, 44316), (412, 44340), (438,

44376), (445, 44391), (453, 44403), (459, 44424),

Gene: Zenon_40 Start: 35354, Stop: 36403, Start Num: 63
Candidate Starts for Zenon_40:
(Start: 63 @35354 has 221 MA's), (95, 35438), (97, 35447), (105, 35471), (116, 35501), (124, 35522), (131, 35540), (140, 35558), (147, 35579), (151, 35588), (Start: 160 @35606 has 1 MA's), (Start: 181 @35633 has 57 MA's), (190, 35675), (216, 35765), (234, 35807), (245, 35828), (277, 35927), (287, 35954), (317, 36026), (340, 36080), (410, 36230), (426, 36257), (430, 36266), (454, 36308), (455, 36311), (457, 36317), (460, 36326), (483, 36362), (488, 36371), (493, 36380),

Gene: Zenteno07_53 Start: 41898, Stop: 42902, Start Num: 82
Candidate Starts for Zenteno07_53:
(Start: 82 @41898 has 12 MA's), (Start: 94 @41928 has 1 MA's), (98, 41943), (Start: 101 @41949 has 1 MA's), (Start: 102 @41952 has 1 MA's), (Start: 162 @42093 has 23 MA's), (Start: 171 @42108 has 1 MA's), (218, 42258), (220, 42264), (233, 42300), (251, 42327), (265, 42348), (286, 42411), (306, 42459), (363, 42609), (374, 42633), (377, 42639), (388, 42675), (392, 42687), (421, 42744),

Gene: Zephyr_10 Start: 5875, Stop: 6843, Start Num: 71
Candidate Starts for Zephyr_10:
(Start: 71 @5875 has 225 MA's), (Start: 87 @5908 has 5 MA's), (92, 5926), (Start: 94 @5929 has 1 MA's), (203, 6196), (220, 6247), (223, 6259), (264, 6334), (284, 6397), (299, 6430), (304, 6442), (309, 6460), (317, 6478), (321, 6502), (343, 6541), (384, 6622), (392, 6646), (393, 6649), (394, 6652), (402, 6661), (446, 6748), (470, 6793), (490, 6835),

Gene: Zerg_31 Start: 27550, Stop: 28551, Start Num: 63
Candidate Starts for Zerg_31:
(8, 27070), (16, 27109), (24, 27262), (28, 27298), (Start: 63 @27550 has 221 MA's), (91, 27625), (Start: 102 @27658 has 1 MA's), (116, 27688), (124, 27709), (Start: 160 @27793 has 1 MA's), (Start: 174 @27817 has 20 MA's), (Start: 184 @27832 has 1 MA's), (187, 27844), (220, 27955), (270, 28069), (277, 28087), (294, 28126), (304, 28150), (317, 28186), (322, 28213), (343, 28252), (392, 28360), (424, 28420), (448, 28465), (455, 28477), (470, 28507),

Gene: Zetzy_11 Start: 5527, Stop: 6492, Start Num: 65
Candidate Starts for Zetzy_11:
(Start: 65 @5527 has 101 MA's), (66, 5533), (88, 5572), (Start: 94 @5593 has 1 MA's), (139, 5713), (200, 5851), (220, 5908), (225, 5923), (269, 6004), (274, 6019), (302, 6085), (304, 6088), (305, 6091), (309, 6106), (369, 6247), (381, 6274), (392, 6307), (393, 6310), (413, 6349),

Gene: Zeuska_11 Start: 6553, Stop: 7521, Start Num: 71
Candidate Starts for Zeuska_11:
(Start: 71 @6553 has 225 MA's), (Start: 87 @6586 has 5 MA's), (92, 6604), (Start: 94 @6607 has 1 MA's), (203, 6874), (220, 6925), (223, 6937), (264, 7012), (284, 7075), (289, 7087), (299, 7108), (304, 7120), (309, 7138), (317, 7156), (321, 7180), (343, 7219), (384, 7300), (392, 7324), (393, 7327), (394, 7330), (402, 7339), (446, 7426), (470, 7471), (490, 7513),

Gene: ZhongYanYuan_27 Start: 26124, Stop: 27095, Start Num: 80
Candidate Starts for ZhongYanYuan_27:
(Start: 80 @26124 has 47 MA's), (99, 26178), (144, 26298), (150, 26313), (156, 26328), (167, 26343), (Start: 184 @26376 has 1 MA's), (187, 26388), (190, 26409), (210, 26472), (220, 26499), (228, 26523), (270, 26604), (274, 26616), (289, 26643), (305, 26679), (309, 26694), (313, 26709), (321, 26754), (327, 26769), (364, 26850), (373, 26868), (375, 26871), (376, 26874), (384, 26901), (424, 26925), (448, 26970), (465, 27012), (485, 27054),

Gene: Zimmer_13 Start: 8022, Stop: 8996, Start Num: 72
Candidate Starts for Zimmer_13:
(Start: 72 @8022 has 61 MA's), (Start: 94 @8076 has 1 MA's), (113, 8136), (140, 8196), (194, 8322), (198, 8334), (202, 8343), (220, 8397), (225, 8412), (264, 8481), (269, 8505), (271, 8511), (274, 8520), (309, 8607), (322, 8649), (369, 8748), (393, 8811), (426, 8874), (436, 8892), (460, 8943),

Gene: Zizzle_31 Start: 27641, Stop: 28642, Start Num: 63
Candidate Starts for Zizzle_31:
(Start: 63 @27641 has 221 MA's), (Start: 67 @27662 has 3 MA's), (73, 27674), (91, 27716), (116, 27779), (124, 27800), (138, 27830), (Start: 160 @27884 has 1 MA's), (Start: 174 @27908 has 20 MA's), (Start: 184 @27923 has 1 MA's), (187, 27935), (220, 28046), (270, 28160), (277, 28178), (294, 28217), (304, 28241), (317, 28277), (322, 28304), (343, 28343), (369, 28391), (392, 28451), (424, 28511), (455, 28568), (470, 28598),

Gene: Zolita_7 Start: 5433, Stop: 6242, Start Num: 181
Candidate Starts for Zolita_7:
(Start: 181 @5433 has 57 MA's), (194, 5496), (197, 5505), (213, 5562), (230, 5610), (256, 5667), (261, 5691), (322, 5880), (343, 5922), (362, 5979), (495, 6228),

Gene: ZygoTaiga_249 Start: 146185, Stop: 147213, Start Num: 57
Candidate Starts for ZygoTaiga_249:
(Start: 57 @146185 has 189 MA's), (Start: 67 @146215 has 3 MA's), (73, 146227), (91, 146269), (116, 146332), (124, 146353), (Start: 160 @146437 has 1 MA's), (Start: 184 @146479 has 1 MA's), (187, 146491), (189, 146506), (210, 146575), (220, 146602), (244, 146656), (261, 146701), (262, 146704), (288, 146782), (299, 146803), (343, 146914), (386, 147004), (392, 147022), (430, 147094), (448, 147127),