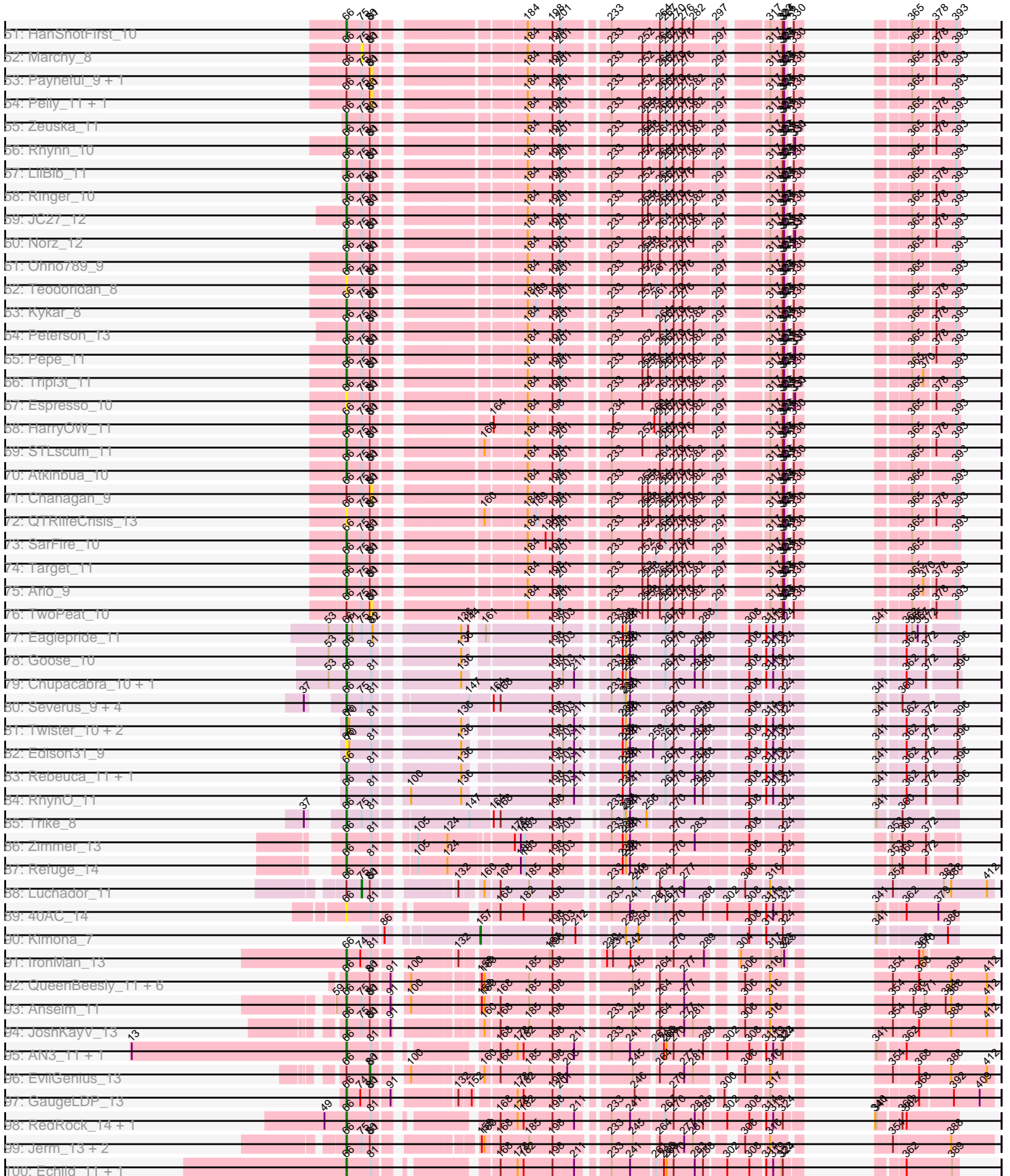


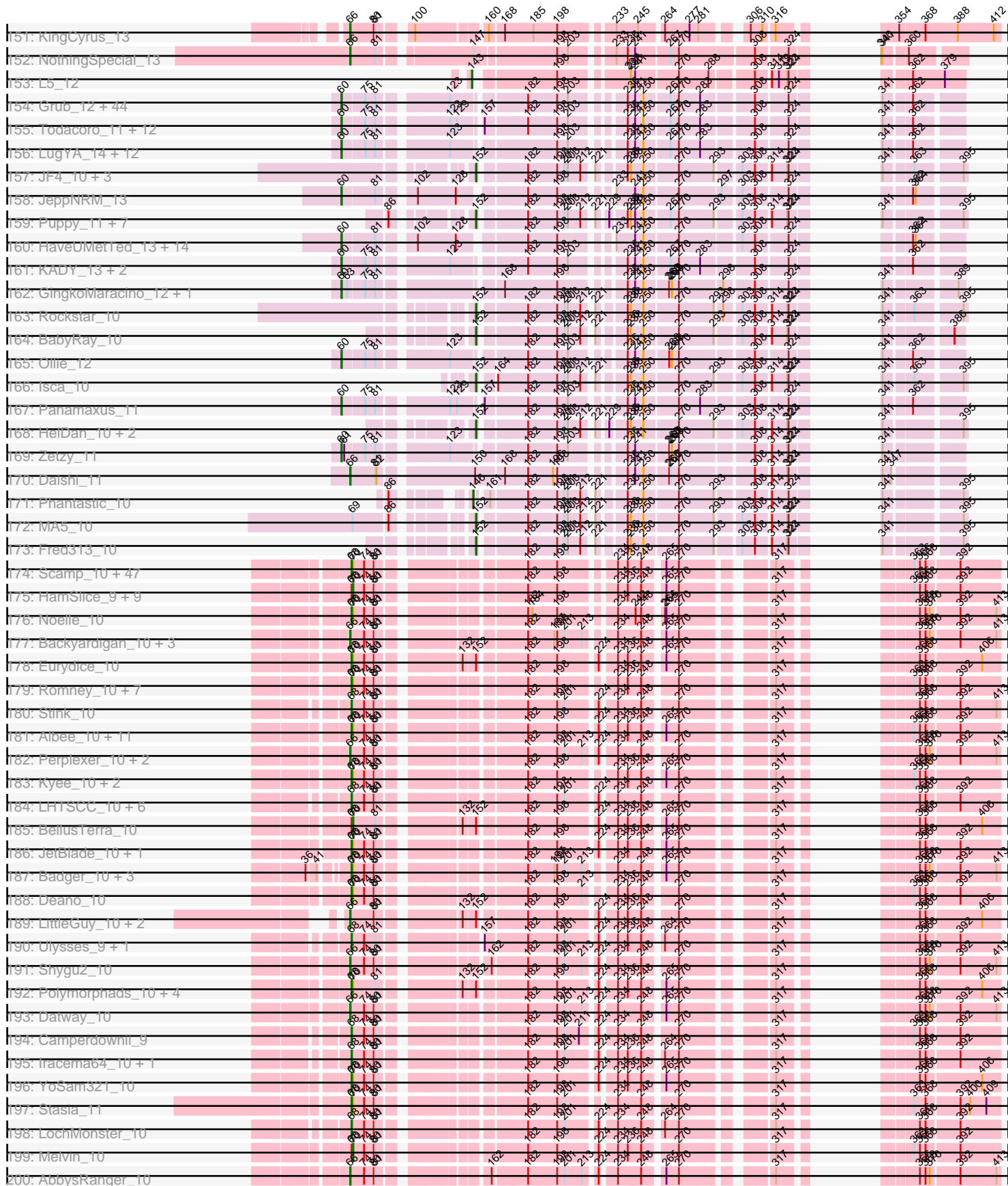
Pham 161434

1: Anglerfish_10 + 43	00	100		104	100	203	200	200	202	207	311	300		305		
2: Nerujay_11	00	100		104	100	203	200	200	202	201	311	300		305	370	303
3: Molly_11 + 9	00	100		104	100	203	200	200	202	201	311	300		305	370	303
4: Jerm2_10 + 2	00	100		104	100	203	200	200	202	201	311	300		305	370	303
5: Francis47_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
6: Paphu_9 + 23	00	100		104	100	203	200	200	202	201	311	300		305	370	303
7: Altman_11 + 16	00	100		104	100	203	200	200	202	201	311	300		305	370	303
8: Petp2012_12 + 8	00	100		104	100	203	200	200	202	201	311	300		305	370	303
9: Naira_10 + 2	00	100	100	104	100	203	200	200	202	201	311	300		305	370	303
10: Euphoria_10 + 1	00	100	100	104	100	203	200	200	202	201	311	300		305	370	303
11: BK1_08 + 1	00	100		104	100	203	200	200	202	201	311	300		305	370	303
12: RidgeCB_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
13: GrecoEtereo_11 + 1	00	100		104	100	203	200	200	202	201	311	300		305	370	303
14: Briton15_11 + 3	00	100		104	100	203	200	200	202	201	311	300		305	370	303
15: Agailana_10 + 6	00	100		104	100	203	200	200	202	201	311	300		305	370	303
16: Cueyllyss_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
17: PSullivan_11 + 1	00	100	100	104	100	203	200	200	202	201	311	300		305	370	303
18: Dreamboat_11	00	100		104	100	203	200	200	202	201	311	300	305	305	370	303
19: ShortQueendom_9	00	100		104	100	203	200	200	202	201	311	300		305	370	303
20: Rohr_11	00	100	100	104	100	203	200	200	202	201	311	300		305	370	303
21: Lesed_9	00	100		104	100	203	200	200	202	201	311	300		305	370	303
22: Killigrew_8	00	100		104	100	203	200	200	202	201	311	300		305	370	303
23: Switzer_10 + 2	00	100		104	100	203	200	200	202	201	311	300		305	370	303
24: Blue_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
25: Maroc7_9 + 5	00	100		104	100	203	200	200	202	201	311	300		305	370	303
26: Kenmech_12	00	100	100	104	100	203	200	200	202	201	311	300		305	370	303
27: Seanderson_11	00	100		104	100	203	200	200	202	201	311	300		305	370	303
28: Liconice_12	00	100		104	100	203	200	200	202	201	311	300		305	370	303
29: KSSJEB_9	00	100		104	100	203	200	200	202	201	311	300		305	370	303
30: Beatix_9 + 3	00	100		104	100	203	200	200	202	201	311	300		305	370	303
31: BaconJack_12	00	100		104	100	203	200	200	202	201	311	300		305	370	303
32: Bruns_8 + 1	00	100	100	104	100	203	200	200	202	201	311	300		305	370	303
33: PherrisBuelier_11 + 2	00	100		104	100	203	200	200	202	201	311	300		305	370	303
34: Dulcie_9	00	100		104	100	203	200	200	202	201	311	300		305	370	303
35: Makemake_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
36: HermioneGrange_11	00	100		104	100	203	200	200	202	201	311	300		305	370	303
37: Monet_11 + 2	00	100		104	100	203	200	200	202	201	311	300		305	370	303
38: Froghopper_11	00	100		104	100	203	200	200	202	201	311	300		305	370	303
39: Ham1_11	00	100		104	100	203	200	200	202	201	311	300		305	370	303
40: Marsha_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
41: Fushigi_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
42: Smeagol_11	00	100		104	100	203	200	200	202	201	311	300		305	370	303
43: Papez_12	00	100		104	100	203	200	200	202	201	311	300		305	370	303
44: TheioniousMonK_11 + 1	00	100		104	100	203	200	200	202	201	311	300		305	370	303
45: IgnatiusPatJac_9 + 2	00	100		104	100	203	200	200	202	201	311	300		305	370	303
46: Hermia_12	00	100		104	100	203	200	200	202	201	311	300		305	370	303
47: NEHaio_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
48: Aeneas_12 + 2	00	100		104	100	203	200	200	202	201	311	300		305	370	303
49: Topgun_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303
50: Hope4ever_10	00	100		104	100	203	200	200	202	201	311	300		305	370	303

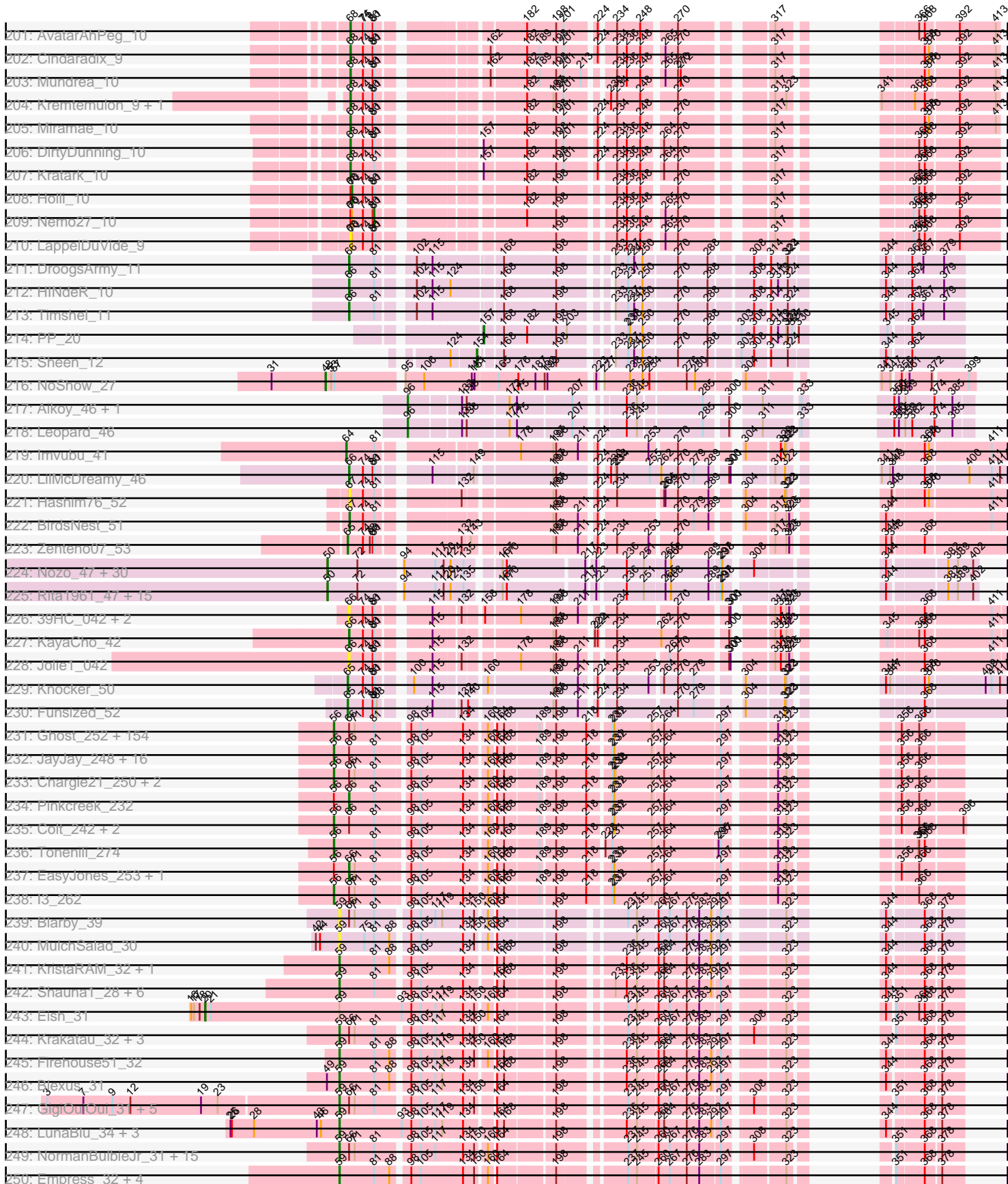
Pham 161434



Pham 161434



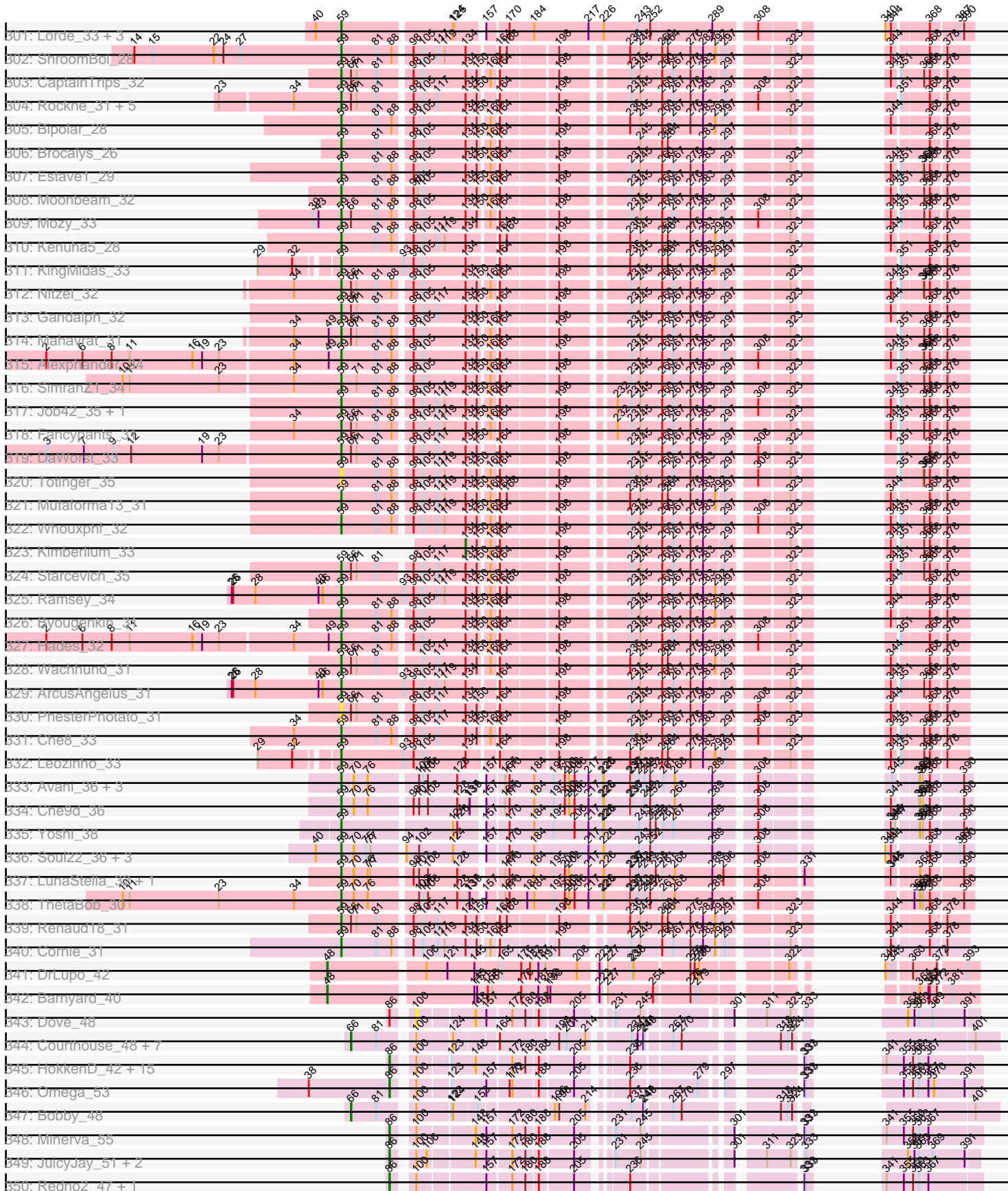
Pham 161434



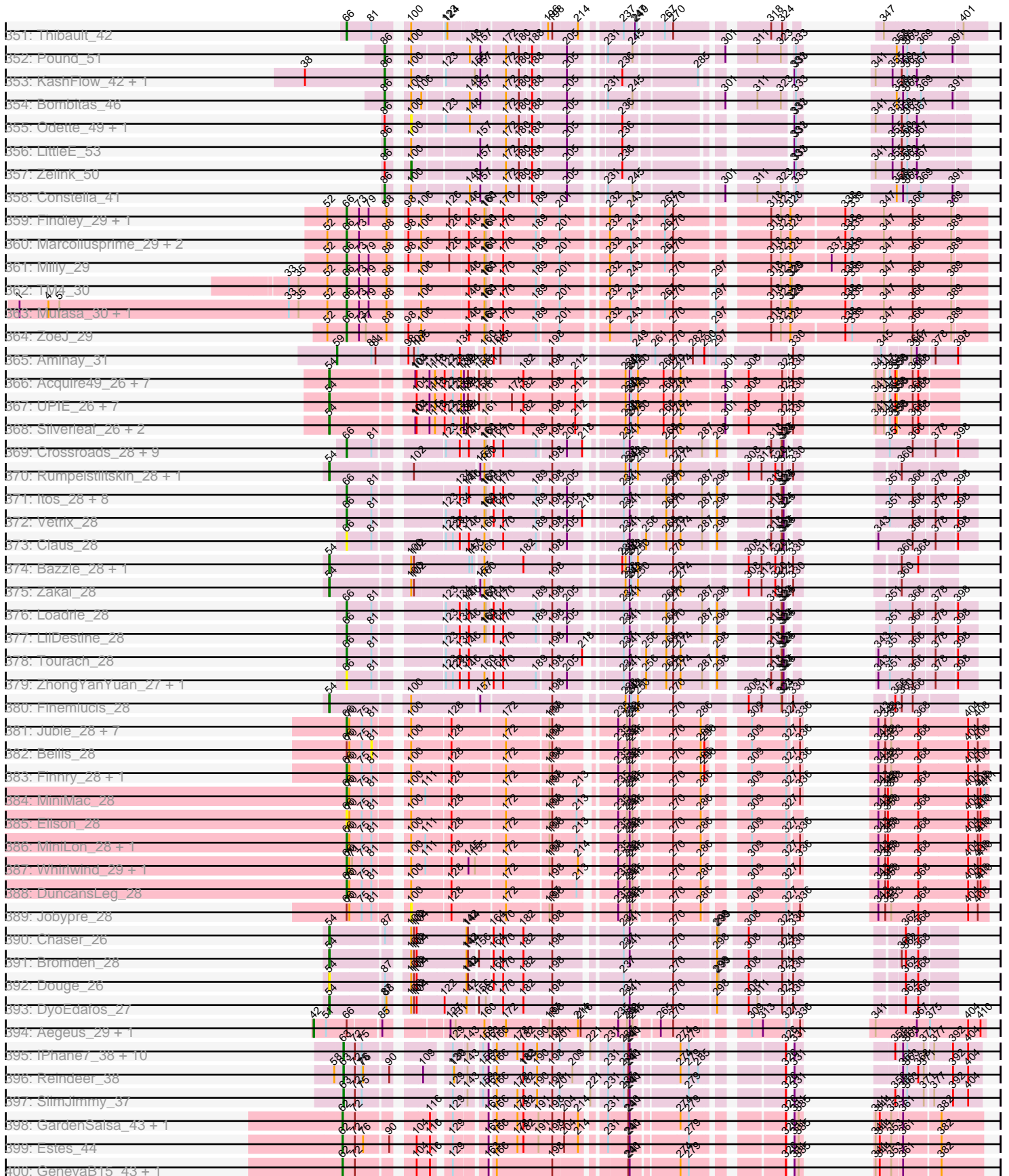
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251: Awesomesauce_32 + 4	23	34	59	81	99	105	130	184	198	236	260	276	297	323	341	368
252: WillemJmfrcs_32 + 6	19	23	34	59	81	88	99	105	130	184	198	236	260	276	297	323
253: Modragons_31 + 7	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
254: Flubikazi_32 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
255: Sabb0b_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
256: DRBY19_31 + 12	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
257: Mattes_31 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
258: SassyB_31 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
259: Ogopogo_31	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
260: Seagreen_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
261: inventum_31 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
262: fagedochgwns_32 + 6	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
263: Flumbis_33	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
264: Madboa_29	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
265: QuickMath_32 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
266: JoeyJr_31 + 5	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
267: Whatsapiecost_32	10	14	19	23	34	59	81	99	105	124	151	170	184	206	211	226
268: Hamulus_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
269: Eradicator_31 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
270: Juniper1_31	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
271: Melissauren88_31 + 4	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
272: Florinda_31 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
273: Harley_31 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
274: Beakin_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
275: STSi_31	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
276: Pippy_25	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
277: DeadP_31 + 4	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
278: BuzzLyseyear_34 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
279: Cornucopia_32 + 1	10	14	19	23	34	59	81	99	105	124	151	170	184	206	211	226
280: Grrr_33 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
281: DillTech15_31 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
282: Leperchaun_31 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
283: Pollywog_31	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
284: Chevrolet_30	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
285: Deb65_31 + 4	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
286: WmSterrel_33 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
287: Piper2020_33 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
288: Zerg_31 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
289: DaddyRickover_31 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
290: Tweety_31	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
291: Latretum_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
292: Frankie_35	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
293: BodEinwohner17_31	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
294: Rita_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
295: Marker_33	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
296: DirtMcGrr_32	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
297: Aubs_32 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
298: r0Uuu_33	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
299: Footstieroll_32 + 1	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297
300: LittleShiney_34 + 2	19	23	34	59	81	88	99	105	111	130	184	198	236	260	276	297

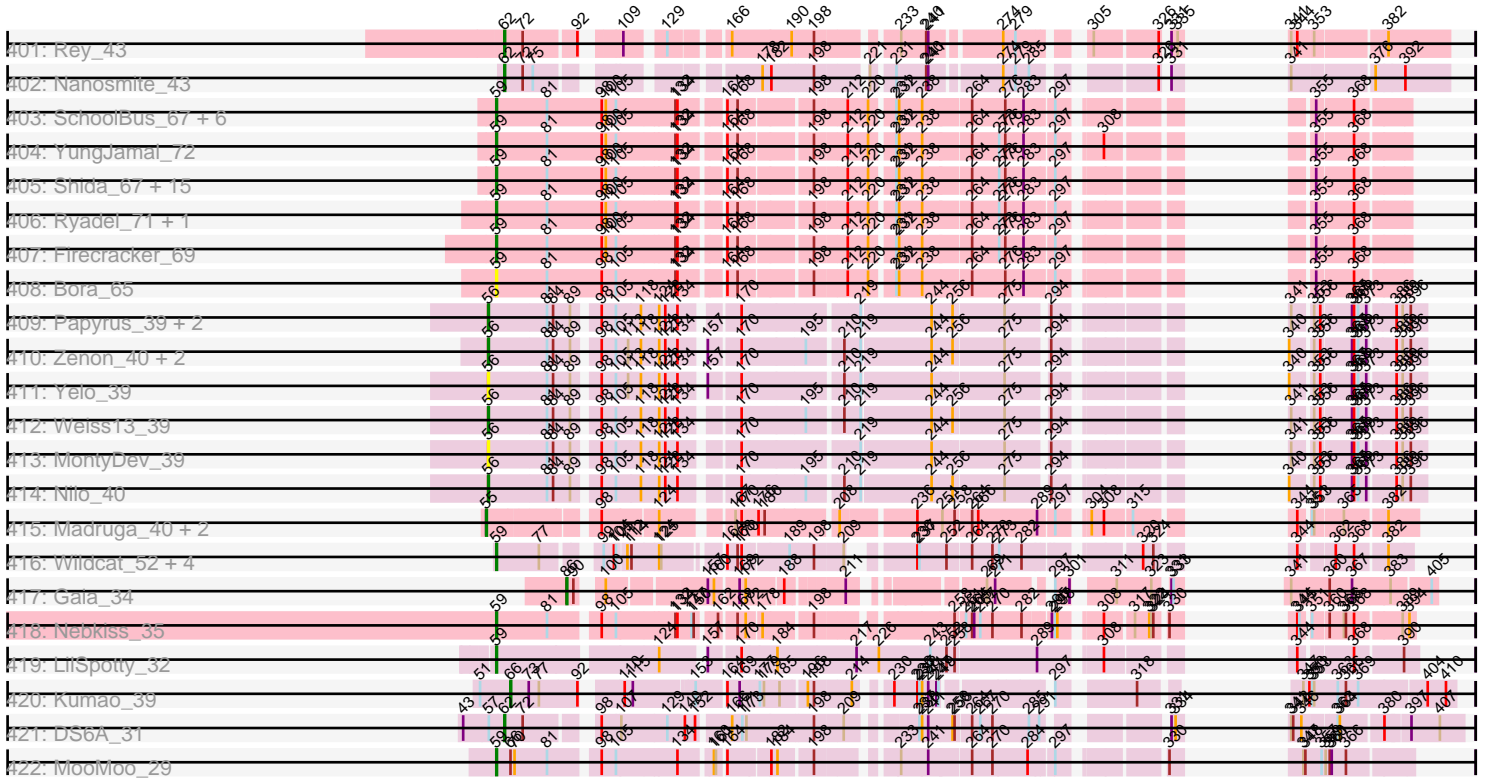
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Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. 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 161434 Report

This analysis was run 04/28/24 on database version 559.

Pham number 161434 has 1280 members, 107 are drafts.

Phages represented in each track:

- Track 1 : Anglerfish_10, Lopton_11, KBG_11, Arcanine_10, Acme_11, MetalQZJ_10, MPlant7149_9, Corvo_10, MaryBeth_10, PattyP_11, KyMonks1A_12, BigMau_11, BigPaolini_11, Oogway_9, Ruotula_9, Burton_10, Ashballer_8, Bob3_9, Wilkins_10, Niza_11, StewieG_9, Magnito_9, Museum_11, Scowl_11, Pippin_11, DD5_11, Lockley_10, Abrogate_110, Fajezeel_11, PinkPlastic_8, Sagefire_11, Bones_10, Violet_9, Pari_11, Greg_11, Slagathor_10, Rubeus_10, Sibs6_11, Parliament_9, Homines_10, Smairt_11, AFIS_10, Wheeler_10, Rajelicia_9
- Track 2 : Nerujay_11
- Track 3 : Molly_11, Pita2_12, JuliaChild_12, Tote_12, Marge_10, Barriga_10, BPBiabs31_11, Bigfoot_9, Bxb1_9, Paraselene_9
- Track 4 : Jerm2_10, Nhonho_10, Rufus_10
- Track 5 : Francis47_10
- Track 6 : Paphu_9, Carlyle_12, Michley_10, Dussy_11, Solon_10, Alvin_11, Turj99_9, Abbyshoes_11, Snazzy_8, Zeeculate_9, SpikeBT_11, Gandalf20_11, Kugel_11, Crispicous1_9, Petruchio_10, GageAP_11, Sumter_9, Gyzlar_11, Traft412_12, Doom_10, Big3_10, Jasper_11, SkiPole_12, BeesKnees_10
- Track 7 : Altman_11, Bircsak_10, ILeeKay_12, Thor_10, Pinto_12, Sunshine924_9, PascalRango_9, Kanely_11, McGuire_10, JackSparrow_10, Dynamix_10, Trouble_10, ConceptII_10, Seabiscuit_11, Manatee_10, Gompeii16_10, Mryolo_9
- Track 8 : Petp2012_12, DrFeelGood_9, Zephyr_10, Perseus_11, Dexes_11, Moose_9, SwissCheese_10, Tasp14_11, Forsytheast_9
- Track 9 : Naira_10, Fenn_10, Squee_10
- Track 10 : Euphoria_10, MrGordo_10
- Track 11 : BK1_08, A6_08
- Track 12 : RidgeCB_10
- Track 13 : GrecoEtereo_11, Magnar_10
- Track 14 : Briton15_11, DreamCatcher_11, Bethlehem_10, Ichabod_10
- Track 15 : Agaliana_10, PacerPaul_10, Graduation_12, Watermelon_12, Adahisdi_11, Sorpresa_9, Ajay_10
- Track 16 : Cueylyss_10
- Track 17 : PSullivan_11, Swole_12
- Track 18 : Dreamboat_11
- Track 19 : ShortQueendom_9
- Track 20 : Rohr_11
- Track 21 : Lesedi_9
- Track 22 : Killigrew_8
- Track 23 : Switzer_10, U2_9, BillKnuckles_11

- Track 24 : Blue_10
- Track 25 : Maroc7_9, CactusRose_9, Fascinus_9, Ciao_10, Eyeball_10, Marcell_10
- Track 26 : Kenmech_12
- Track 27 : Seanderson_11
- Track 28 : Licorice_12
- Track 29 : KSSJEB_9
- Track 30 : Beatrix_9, Bexan_9, StrongArm_9, Lamina13_10
- Track 31 : BaconJack_12
- Track 32 : Bruns_8, Alsfro_14
- Track 33 : PherrisBueller_11, Rutherferd_11, Jorgensen_10
- Track 34 : Dulcie_9
- Track 35 : Makemake_10
- Track 36 : HermioneGrange_11
- Track 37 : Monet_11, Edtherson_11, Treddle_11
- Track 38 : Froghopper_11
- Track 39 : Hami1_11
- Track 40 : Marsha_10
- Track 41 : Fushigi_10
- Track 42 : Smeagol_11
- Track 43 : Papez_12
- Track 44 : TheloniousMonk_11, Gwendoluna_11
- Track 45 : IgnatiusPatJac_9, BluSpix_10, Buttons_11
- Track 46 : Hermia_12
- Track 47 : NEHalo_10
- Track 48 : Aeneas_12, Mule_10, PhrostyMug_10
- Track 49 : Topgun_10
- Track 50 : Hope4ever_10
- Track 51 : HanShotFirst_10
- Track 52 : Marchy_8
- Track 53 : Payneful_9, Sandaddy_9
- Track 54 : Pelly_11, Applejack_10
- Track 55 : Zeuska_11
- Track 56 : Rhynn_10
- Track 57 : LilBib_11
- Track 58 : Ringer_10
- Track 59 : JC27_12
- Track 60 : Norz_12
- Track 61 : Ohno789_9
- Track 62 : Teodoridan_8
- Track 63 : Kykar_8
- Track 64 : Peterson_13
- Track 65 : Pepe_11
- Track 66 : Tripl3t_11
- Track 67 : Espresso_10
- Track 68 : HarryOW_11
- Track 69 : STLscum_11
- Track 70 : Atkinbua_10
- Track 71 : Chanagan_9
- Track 72 : QTRlifeCrisis_13
- Track 73 : SarFire_10
- Track 74 : Target_11
- Track 75 : Arlo_9
- Track 76 : TwoPeat_10

- Track 77 : Eaglepride_11
- Track 78 : Goose_10
- Track 79 : Chupacabra_10, OKCentral2016_10
- Track 80 : Severus_9, Drake94_9, Poompha_9, PeaceMeal1_9, KittenMittens_9
- Track 81 : Twister_10, WalterMcMickey_10, Topanga_10
- Track 82 : Edison31_9
- Track 83 : Rebeuca_11, Kristoff_11
- Track 84 : RhynO_11
- Track 85 : Trike_8
- Track 86 : Zimmer_13
- Track 87 : Refuge_14
- Track 88 : Luchador_11
- Track 89 : 40AC_14
- Track 90 : Kimona_7
- Track 91 : IronMan_13
- Track 92 : QueenBeesly_11, SemperFi_13, Georgie2_12, SweetiePie_11, Crucio_11, SnapTap_11, FiringLine_11
- Track 93 : Anselm_11
- Track 94 : JoshKayV_13
- Track 95 : AN3_11, VA6_11
- Track 96 : EvilGenius_13
- Track 97 : GaugeLDP_13
- Track 98 : RedRock_14, AnnaL29_14
- Track 99 : Jerm_13, LilTurb_13, Turbido_13
- Track 100 : Echild_11, Benvolio_11
- Track 101 : ChipMunk_13
- Track 102 : Trooper_11
- Track 103 : CRB1_11
- Track 104 : Tomathan_14, D32_14, D29_12, StarStuff_14, Naji_14, Pomar16_14
- Track 105 : Malec_12
- Track 106 : Updawg_13, HarryHoudini_13, Equemioh13_13, Baehexic_12, Centaur_13, WideWale_13, Drake55_13, Piro94_12
- Track 107 : Dignity_13, Whabigail7_13
- Track 108 : AbbyPaige_13, Leviathan_13, Agape74_13
- Track 109 : Power_11
- Track 110 : C3_09, AN9_14, VC3_14, ANI8_14
- Track 111 : DudeLittle_11
- Track 112 : Miko_14
- Track 113 : NaSiaTalie_11, MiculUcigas_11
- Track 114 : Retro23_11, Dalmatian_11
- Track 115 : EZMoney23_15
- Track 116 : Flare16_11
- Track 117 : Fameo_11, QueenB2_11, Heffalump_13
- Track 118 : Landor_12
- Track 119 : Buggy_13
- Track 120 : Smeagan_13
- Track 121 : Kerberos_14, DBQu4n_14, Duplo_14
- Track 122 : Colin_15
- Track 123 : Jsquared_10
- Track 124 : Rachaly_14, Lokk_14
- Track 125 : 20ES_11, First_0011
- Track 126 : BiancaTri92_13
- Track 127 : TarsusIV_11

- Track 128 : Loser_14
- Track 129 : Iwokeuplikedis_11
- Track 130 : Leogania_13
- Track 131 : XianYue_11
- Track 132 : WeiHuaDA_17
- Track 133 : Bactobuster_12
- Track 134 : Deloris_12
- Track 135 : Jaan_14
- Track 136 : Pukovnik_13
- Track 137 : Kalpine_14
- Track 138 : Koduck_11
- Track 139 : Changeling_14
- Track 140 : Trixie_14
- Track 141 : ArcherNM_13
- Track 142 : Phaded_14
- Track 143 : LadyBird_11
- Track 144 : Serenity_10
- Track 145 : BabyBack_12
- Track 146 : BengiVuitton_12
- Track 147 : NicoleTera_15
- Track 148 : Acolyte_11
- Track 149 : BobSwaget_14
- Track 150 : Larenn_12
- Track 151 : KingCyrus_13
- Track 152 : NothingSpecial_13
- Track 153 : L5_12
- Track 154 : Grub_12, Grif_12, Louie6_12, Dieselweasel_12, Tiffany_12, LarryKay_12, Wooldri_14, AgronaGT15_12, Jobu08_12, Spike509_12, Methuselah_12, SoilDragon_12, BreSam8_12, HashRod_13, Vix_12, DaHudson_12, Snickers_12, Microwolf_12, Aglet_12, LBerry_12, Grum1_12, Stagni_12, PotatoSplit_13, PGHhamlin_14, Colbster_12, MadMarie_12, Mainiac_12, MuchMore_14, StepMih_12, Penny1_12, GtownJaz_12, AugsMagnumOpus_14, Malinsilva_14, Beauxregard13_12, Phoxy_12, Soshari_14, SoYo_12, EpicPhail_12, Watson_12, Sabia_12, Bxz2_12, Lilith_12, Pembroke_12, Farber_12, Rummer_12
- Track 155 : Todacoro_11, Caviar_11, Texage_10, QuinnKiro_10, Pocahontas_11, ResDef_11, Hookmount_11, Lambert1_11, Popcicle_11, Veracruz_10, Noella_11, Norbert_10, Margo_11
- Track 156 : LugYA_14, Taurus_12, JenCasNa_12, Cullens_12, MoneyMay_12, Fernando_12, Sabinator_12, Marie_12, MarQuardt_12, P28Green_12, JHC117_12, Hercules11_12, Phoebe_12
- Track 157 : JF4_10, MK4_10, JF2_10, B1_08
- Track 158 : JeppNRM_13
- Track 159 : Puppy_11, Pistachio_11, Idleandcovert_10, Bugatti_10, BlueBird_11, SaturnRing_10, Giroux_10, TNguyen7_10
- Track 160 : HaveUMetTed_13, Gemma_12, ACFishhook_12, PurpleHaze_12, Reba_13, Kalb97_13, Pawn_13, Groupthink_13, Kalnoky_13, Phranny_13, OlanP_12, Manu_13, Heliosoles_12, Marius_13, PhishRPhriends_11
- Track 161 : KADY_13, Misomonster_14, BuzzBuzz_11
- Track 162 : GingkoMaracino_12, Anubis_14
- Track 163 : Rockstar_10
- Track 164 : BabyRay_10
- Track 165 : Ollie_12
- Track 166 : Isca_10

- Track 167 : Panamaxus_11
- Track 168 : HelDan_10, Scout_10, Heathen_10
- Track 169 : Zetzy_11
- Track 170 : Daishi_11
- Track 171 : Phantastic_10
- Track 172 : MA5_10
- Track 173 : Fred313_10
- Track 174 : Scamp_10, Baby16_10, BubbleTrouble_10, Roosevelt_10, Clarenza_10, Cocoaberry_10, Eapen_10, Chaph_10, Connomayer_10, KFPoly_10, Kamy_10, CentreCat_10, Iceman_10, Phacado_10, Shaka_10, Jaykayelowell_10, Florean_10, PeterPeter_10, LittleB_10, Dhanush_10, Gadost_10, NotAPhaseMom_10, Blackmoor_10, Bruiser_10, Happiness_10, Eros_10, Sparxx_10, Houdini22_10, OKaNui_10, JoongJeon_10, Citius_10, Wizard007_10, Spino_10, Maverick_10, Phelipe_10, Mazhar510_10, Sabertooth_10, Alberto7_11, Abdiel_10, Maxo_10, Bartimeaus_10, Druantia_10, Lorenzo_10, TinaFeyge_10, TroyPia_10, Wander_10, Caelakin_10, Palestino_10
- Track 175 : HamSlice_9, ICleared_10, Pipcraft_10, MeeZee_10, Eagle_9, Medusa_10, Peaches_10, Flux_10, Avlie17_10, Burger_9
- Track 176 : Noelle_10
- Track 177 : Backyardigan_10, Wile_10, Bumblebee11_10, Katalie136_10
- Track 178 : Eurydice_10
- Track 179 : Romney_10, NorthStar_10, Koreni_9, TiroTheta9_10, Ruin_10, Wilbur_10, Broseidon_10, Relief_10
- Track 180 : Stink_10
- Track 181 : Albee_10, Commander_10, Funston_10, Eris_10, Taquarus_10, Bombshell_10, Annyong_10, TygerBlood_10, Kingmustik0402_10, Millski_10, Skipitt_10, Thanksgivukkah_10
- Track 182 : Perplexer_10, PetiteSangsue_10, Morpher26_10
- Track 183 : Kyee_10, Lunsford_11, Lemur_10
- Track 184 : LHTSCC_10, ChampagnePapi_10, Obama12_10, Cerulean_10, BangNhom_9, SheldonCooper_10, Tinybot_9
- Track 185 : BellusTerra_10
- Track 186 : JetBlade_10, Arturo_9
- Track 187 : Badger_10, Xena_10, Achebe_10, Cici_10
- Track 188 : Deano_10
- Track 189 : LittleGuy_10, Phontbonne_10, Nyxis_10
- Track 190 : Ulysses_9, Pumbaa_10
- Track 191 : Shygu2_10
- Track 192 : Polymorphads_10, Nebs_10, Morrow_10, Ohfah_10, LeoAvram_10
- Track 193 : Datway_10
- Track 194 : Camperdownii_9
- Track 195 : Iracema64_10, Phighter1804_10
- Track 196 : YoSam321_10
- Track 197 : Stasia_11
- Track 198 : LochMonster_10
- Track 199 : Melvin_10
- Track 200 : AbbysRanger_10
- Track 201 : AvatarAhPeg_10
- Track 202 : Cindaradix_9
- Track 203 : Mundrea_10
- Track 204 : Kremtemulon_9, Cintron_10
- Track 205 : Miramae_10
- Track 206 : DirtyDunning_10

- Track 207 : Kratark_10
- Track 208 : Holli_10
- Track 209 : Nemo27_10
- Track 210 : LappelDuVide_9
- Track 211 : DroogsArmy_11
- Track 212 : HINdeR_10
- Track 213 : Timshel_11
- Track 214 : PP_20
- Track 215 : Sheen_12
- Track 216 : NoShow_27
- Track 217 : Aikoy_46, Onyinye_47
- Track 218 : Leopard_46
- Track 219 : Imvubu_41
- Track 220 : LilMcDreamy_46
- Track 221 : Hashim76_52
- Track 222 : BirdsNest_51
- Track 223 : Zenteno07_53
- Track 224 : Nozo_47, Yahalom_47, Daisy_47, Heathcliff_47, Morty007_47, Mortcellus_46, Abinghost_47, Jackstina_44, Devonte_47, Casbah_46, Deenasa_47, OrangeOswald_47, Compostia_48, SynergyX_47, MmasiCarm_47, Halfpint_46, Philly_46, ChaChing_47, Ben11_46, Marley1013_47, Phayeta_48, Neos5_47, Phaedrus_45, HarveySr_47, RomaT_47, Akoma_47, Gervas_47, Tydolla_47, SlippinJimmy_47, RagingRooster_47, Kronus_46
- Track 225 : Rita1961_47, Obutu_47, Corofin_47, Chandler_47, Gadget_48, LestyG_47, Baloo_47, Kamiyu_47, Bernardo_48, Phlyer_47, Athena_48, Yinz_47, GlenHope_48, Pipefish_49, Briakila_48, Audrey_47
- Track 226 : 39HC_042, 40BC_042, Hosp_040
- Track 227 : KayaCho_42
- Track 228 : Jolie1_042
- Track 229 : Knocker_50
- Track 230 : Funsized_52
- Track 231 : Ghost_252, CindyLou_253, Pivoine_253, Pier_251, StubbySaigey_259, Dietrick_241, ScottMcG_244, EmmaElysia_257, Roots515_255, Catera_241, ArcherS7_253, RoMag_247, Gabriel_255, Phusco_251, LolaVinca_248, Atlantean_252, Shnickers_251, ChickenPhender_248, MikeLiesIn_253, FoxtrotP1_251, Specks_257, EmToTheThree_253, DirtMonster_241, IkeLoa_246, BackyardAgain_247, Rabinovish_245, InigoMontoya_256, NoodleTree_248, Caravan_242, Halldule_244, FudgeTart_248, Asterius_249, Khaleesi_251, McGee_254, BeanWater_245, JPickles_250, Grungle_234, Naija_253, Bread_249, Bangla1971_253, TinyTim_251, PurduePete_253, Momo_254, QBert_244, Kboogie_256, Pio_259, Gizmo_258, Sprinklers_250, SrishMeg2525_250, Jessibeth14_252, ZygoTaiga_249, Tortoise16_250, Bigswole_257, ParkTD_251, Adlitam_252, Derek_248, Bipolarisk_250, SmallFry_253, Guwapp_248, Naval22_257, JustHall_246, Babyland_255, BananaFence_250, Littleton_256, Ading_255, BigCity_260, SilverDipper_257, Quasimodo_255, Kamryn_251, Nidhogg_253, Dandelion_258, Cactojaque_247, Wally_250, BadAgartude_246, Spud_244, Matsumoto_250, EggyFarm_260, McWolfish_249, StephanieG_246, Burrough_253, ValleyTerrace_253, Spec_246, DTDevon_253, Ewok_251, Gamgam_254, FrayBell_255, Blackbrain_251, LRRHood_244, Melpomini_247, Mikro_246, Loanshark_249, Jediah_254, Latch_252, Audrick_255, NedWong_251, Jaygup_249, Amataga_253, DrPhinkDaddy_249, Janiyra_256, ChaylaJr_251, Capablanca_257, Phlegm_257, Megamind_249, LordLeafolot_254, Delilah_250, Norm_252, MoMoMixon_248, Drazdys_249, Rahel_254, Mangeria_252,

Zalkecks_251, Concombre_258, InterFolia_254, LifeSavor_253, Bxz1_238, Lukilu_241, ShiaLabeouf_250, Trinitium_249, Koguma_251, Nappy_251, Chomp_250, Daffodil_258, Darko_252, Pleione_256, Delylah_254, Grasshills_259, Erdmann_254, Teardrop_251, Zeenon_253, Issimir_249, YoungMoneyMata_252, Iota_249, Breeniome_252, Yucca_253, Patter_254, Bonray_255, Napoleon13_249, Shelob_253, YemiJoy2021_253, Ngannou_247, Astraea_248, Turret_243, Jemmno_252, Ava3_249, Tyke_249, Fludd_252, Maby2021_253, Lee7_253, Shrimp_255, Phox_253, Rizal_241, Salacia_254, Essence_250, Sauce_249, Willis_253

- Track 232 : JayJay_248, Cali_242, Shaqnato_243, Shifa_228, CharlieB_247, Ronan_248, ET08_238, LinStu_249, JulietS_244, Yassified_248, NuevoMundo_254, Flabslab_247, HyRo_237, Alice_238, Sebata_252, Stubby_235, ErnieJ_246
- Track 233 : Chargie21_250, Morizzled23_250, Basquiat_250
- Track 234 : Pinkcreek_232
- Track 235 : Colt_242, Cane17_241, Blubba_247
- Track 236 : Tonenili_274
- Track 237 : EasyJones_253, Izajani_248
- Track 238 : I3_262
- Track 239 : Blarby_39
- Track 240 : MulchSalad_30
- Track 241 : KristaRAM_32, OwlsT2W_32
- Track 242 : Shauna1_28, BigPhil_27, Cerasum_27, Sarma624_27, Phanphagia_28, Coco12_31, Velveteen_27
- Track 243 : Eish_31
- Track 244 : Krakatau_32, Chuckly_31, Phalconet_31, XFactor_31
- Track 245 : Firehouse51_32
- Track 246 : Blexus_31
- Track 247 : GigiOuiOui_31, Karhdo_31, Mantra_31, Phasih_32, GUmbie_31, Veteran_31
- Track 248 : LunaBlu_34, MinionDave_34, Galactic_33, Flathead_31
- Track 249 : NormanBulbieJr_31, SwagPigglett_31, Zizzle_31, Yorick_31, Jarcob_31, LastJedi_25, Martik_31, Koella_25, Maravista_31, LilMoolah_31, ShiLan_31, Lizziana_31, Clifton_25, Nivrat_31, ShowerHandel_32, Burwell21_31
- Track 250 : Empress_32, OldBen_31, RitaG_32, Dante_31, Sandalphon_32
- Track 251 : Awesomesauce_32, Misha28_32, ChickenDinner_33, DocMcStuffins_32, TootsiePop_32
- Track 252 : MilleniumForce_32, Ardmore_30, JalFarm20_34, Filuzino_31, Ms6_25, Mova_32, DLane_31
- Track 253 : Modragons_31, Llama_31, Seabastian_31, Ochi17_29, Jinglebell_31, OfUltron_31, AlpineSix_32, Oksu_32
- Track 254 : Hlubikazi_32, Mandlovu_32, Strokeseat_32
- Track 255 : Sabbb_32
- Track 256 : DRBy19_31, Crumble_25, Gorge_31, Saal_31, FreddyB_31, Sparkdehlily_31, Cabrinians_31, Spoonbill_31, Radiance_31, OlympiaSaint_31, Philus_31, Priscilla_31, TDanisky_31
- Track 257 : Mattes_31, James_31, BobaPhett_31
- Track 258 : SassyB_31, PopTart_31
- Track 259 : Ogopogo_31
- Track 260 : Seagreen_32
- Track 261 : Inventum_31, Sassafras_32
- Track 262 : Hegedechwinu_32, Juice456_32, Donkeykong_31, Spartacus_33, Guppsters_33, SuperGrey_32, Bubbles123_33
- Track 263 : Plumbus_33

- Track 264 : Madiba_29
- Track 265 : QuickMath_32, Boomer_33, Minnie_33
- Track 266 : JoeyJr_31, Poenanya_31, Scottish_32, Doomphist_31, Polka14_32, Daenerys_31
- Track 267 : Whatsapiecost_32
- Track 268 : Hamulus_32
- Track 269 : Eradicator_31, Royals2015_31
- Track 270 : Juniper1_31
- Track 271 : Melissauen88_31, Akhila_25, Batiatus_31, Fruitloop_30, MilanaBonita_25
- Track 272 : Florinda_31, Girafales_32, Quico_32
- Track 273 : Harley_31, Kersh_30, lbhubesi_31
- Track 274 : Beakin_32
- Track 275 : SiSi_31
- Track 276 : Pippy_25
- Track 277 : DeadP_31, Emma_33, Bobi_33, Taj_31, Wee_32
- Track 278 : BuzzLyseyear_34, Spikelee_33
- Track 279 : Cornucopia_32, VRedHorse_31
- Track 280 : Girr_33, Ruby_33, MisterCuddles_33
- Track 281 : DillTech15_31, Fastidio_33
- Track 282 : Leperchaun_31, Pacc40_31
- Track 283 : Pollywog_31
- Track 284 : Chevrolet_30
- Track 285 : Deb65_31, BlueCrab_31, Geralt_31, Nimbo_31, PHappiness_31
- Track 286 : WillSterrel_33, IrishSherpFalk_33
- Track 287 : Piper2020_33, Doug_32
- Track 288 : Zerg_31, RockyHorror_32
- Track 289 : DaddyRickover_31, Dorothy_31, RedBird_31
- Track 290 : Tweety_31
- Track 291 : Latretium_32
- Track 292 : Frankie_35
- Track 293 : BodEinwohner17_31
- Track 294 : Rita_32
- Track 295 : Marker_33
- Track 296 : DirtMcgirt_32
- Track 297 : Aubs_32, MadMen_29
- Track 298 : lbOuu_33
- Track 299 : Tootsieroll_32, Stap_32
- Track 300 : LittleShirley_34, DotProduct_31, Rialto_35
- Track 301 : Lorde_33, EleanorGeorge_32, Enby_33, SG4_32
- Track 302 : ShroomBoi_28
- Track 303 : CaptainTrips_32
- Track 304 : Rockne_31, Phatniss_32, Llij_31, Drago_32, UncleRicky_34, PMC_31
- Track 305 : Bipolar_28
- Track 306 : Brocalys_26
- Track 307 : Estave1_29
- Track 308 : Moonbeam_32
- Track 309 : Mozy_33
- Track 310 : Kenuha5_28
- Track 311 : KingMidas_33
- Track 312 : Nitzel_32
- Track 313 : Gandalph_32
- Track 314 : Mahavrat_31

- Track 315 : Alexphander_34
- Track 316 : SimranZ1_34
- Track 317 : Job42_35, DosHalletts_35
- Track 318 : Fancypants_31
- Track 319 : DaWorst_33
- Track 320 : Totinger_35
- Track 321 : Mutaforma13_31
- Track 322 : Whouxphf_32
- Track 323 : Kimberlium_33
- Track 324 : Starcevich_35
- Track 325 : Ramsey_34
- Track 326 : Byougenkin_31
- Track 327 : Hades_32
- Track 328 : Wachhund_31
- Track 329 : ArcusAngelus_31
- Track 330 : PhesterPhotato_31
- Track 331 : Che8_33
- Track 332 : Leozinho_33
- Track 333 : Avani_36, Jabbawokkie_39, Zapner_38, Demsculpinboyz_36
- Track 334 : Che9d_36
- Track 335 : Yoshi_38
- Track 336 : Soul22_36, Kingsley_30, StAnnes_30, Ovechkin_32
- Track 337 : LunaStella_32, TChen_31
- Track 338 : ThetaBob_30
- Track 339 : Renaud18_31
- Track 340 : Cornie_31
- Track 341 : DrLupo_42
- Track 342 : Barnyard_40
- Track 343 : Dove_48
- Track 344 : Courthouse_48, Lucky2013_48, Superphikiman_48, Porcelain_47, Ariel_48, Squint_47, MiaZeal_48, Gonephishing_50
- Track 345 : HokkenD_42, Halley_49, ThreeRngTarjay_47, Hughesyang_47, Optimus_54, Yeet_47, DmpstrDiver_50, Wanda_55, Beem_49, Kalah2_49, Phoebus_48, Ejimix_49, Schatzie_46, Duke13_52, EricMillard_49, BAKA_53
- Track 346 : Omega_53
- Track 347 : Bobby_48
- Track 348 : Minerva_55
- Track 349 : JuicyJay_51, NihilNomen_48, Klein_49
- Track 350 : Redno2_47, Dallas_51
- Track 351 : Thibault_42
- Track 352 : Pound_51
- Track 353 : KashFlow_42, Hannaconda_45
- Track 354 : Bombitas_46
- Track 355 : Odette_49, Bagrid_48
- Track 356 : LittleE_53
- Track 357 : Zelink_50
- Track 358 : Constella_41
- Track 359 : Findley_29, Strobilo_31
- Track 360 : Marcoliusprime_29, DismalStressor_29, DismalFunk_29
- Track 361 : Milly_29
- Track 362 : TM4_30
- Track 363 : Mufasa_30, BoostSeason_30
- Track 364 : ZoeJ_29

- Track 365 : Aminay_31
- Track 366 : Acquire49_26, Wamburgxpress_26, Calm_26, Rose5_26, CicholasNage_26, Zaria_26, Tyson_26, Wyatt2_26
- Track 367 : UPIE_26, LeBron_26, Appletree2_26, OhShagHennessy_26, DirkDirk_26, JoeDirt_26, MAckerman_26, Enceladus_26
- Track 368 : Silverleaf_26, AvadaKedavra_26, Halena_26
- Track 369 : Crossroads_28, Nicholasp3_28, GuuelaD_28, Kahlid_28, Hafay_28, Wigglewiggles_28, MkaliMitinis3_28, Gardann_28, Lewan_28, Wilder_28
- Track 370 : Rumpelstiltskin_28, Gabriela_28
- Track 371 : Itos_28, Faith1_28, Winky_28, BobsGarage_28, BigCheese_28, DrSeegs_28, Netyap_28, Breezona_28, Miley16_28
- Track 372 : Vetrax_28
- Track 373 : Claus_28
- Track 374 : Bazzle_28, Archie_28
- Track 375 : Zakai_28
- Track 376 : Loadrie_28
- Track 377 : LilDestine_28
- Track 378 : Tourach_28
- Track 379 : ZhongYanYuan_27, Baoshan_27
- Track 380 : Finemlucis_28
- Track 381 : Jubie_28, Snenia_28, Clautastrophe_28, Nicholas_28, Moostard_28, Lumos_28, Kingsolomon_28, MsGreen_28
- Track 382 : Bellis_28
- Track 383 : Finnry_28, Samty_28
- Track 384 : MiniMac_28
- Track 385 : Ellson_28
- Track 386 : MiniLon_28, Lolly9_28
- Track 387 : Whirlwind_29, Krypton555_28
- Track 388 : DuncansLeg_28
- Track 389 : Jobypre_28
- Track 390 : Chaser_26
- Track 391 : Bromden_28
- Track 392 : Douge_26
- Track 393 : DyoEdafos_27
- Track 394 : Aegeus_29, Baudelaire_29
- Track 395 : IPhane7_38, LilhomieP_37, Auspice_38, Bongo_38, Diminimus_39, Skinny_39, Bricole_38, Dulcita_39, Glaske16_39, TyDawg_38, PegLeg_38
- Track 396 : Reindeer_38
- Track 397 : SlimJimmy_37
- Track 398 : GardenSalsa_43, MrMagoo_43
- Track 399 : Estes_44
- Track 400 : GenevaB15_43, Aziz_43
- Track 401 : Rey_43
- Track 402 : Nanosmite_43
- Track 403 : SchoolBus_67, JangDynasty_67, TelAviv_64, Catdawg_67, Idergollasper_67, Familton_68, Blessica_68
- Track 404 : YungJamal_72
- Track 405 : Shida_67, Vorrps_67, Wildflower_65, Corndog_70, Alkhayr_65, Dylan_67, FoulBall_64, Ashwin_68, Murai_68, Winget_68, MadKillah_68, Schuy_65, Krii_66, Zakhe101_66, NiebruSaylor_66, Mori_67
- Track 406 : Ryadel_71, Smooch_70
- Track 407 : Firecracker_69
- Track 408 : Bora_65

- Track 409 : Papyrus_39, Rope_39, Riparian_39
- Track 410 : Zenon_40, Send513_39, Candle_39
- Track 411 : Yelo_39
- Track 412 : Weiss13_39
- Track 413 : MontyDev_39
- Track 414 : Nilo_40
- Track 415 : Madrugua_40, Labelle_41, Patience_42
- Track 416 : Wildcat_52, Cosmo_52, EniyanLRS_49, MaryV_52, Azrael100_51
- Track 417 : Gaia_34
- Track 418 : Nebkiss_35
- Track 419 : LilSpotty_32
- Track 420 : Kumao_39
- Track 421 : DS6A_31
- Track 422 : 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 66, it was called in 361 of the 1173 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 20ES_11, 39HC_042, 40AC_14, 40BC_042, A6_08, AFIS_10, AN3_11, AbbyPaige_13, AbbysRanger_10, Abbyshoes_11, Abrogate_110, Acme_11, Acolyte_11, Adahisdi_11, Aeneas_12, Agaliana_10, Agape74_13, Ajay_10, Alsfro_14, Altman_11, Alvin_11, Anglerfish_10, AnnaL29_14, Anselm_11, Arcanine_10, ArcherNM_13, Ariel_48, Arlo_9, Ashballer_8, Atkinbua_10, BK1_08, BPBiebs31_11, BabyBack_12, Backyardigan_10, BaconJack_12, Bactobuster_12, Baehexic_12, Baoshan_27, Barriga_10, Beatrix_9, BeesKnees_10, BengiVuitton_12, Benvolio_11, Bethlehem_10, Bexan_9, BiancaTri92_13, Big3_10, BigCheese_28, BigMau_11, BigPaolini_11, Bigfoot_9, BillKnuckles_11, Bircsak_10, BluSpix_10, Blue_10, Bob3_9, BobSwaget_14, Bobby_48, BobsGarage_28, Bones_10, BoostSeason_30, Breezona_28, Briton15_11, Bruns_8, Buggy_13, Bumblebee11_10, Burton_10, Buttons_11, Bxb1_9, CRB1_11, CactusRose_9, Carlyle_12, Centaur_13, Changeling_14, ChipMunk_13, Chupacabra_10, Ciao_10, Claus_28, Clautastrophe_28, Colin_15, ConceptII_10, Corvo_10, Courthouse_48, Crispicous1_9, Crossroads_28, Crucio_11, DD5_11, Daishi_11, Dalmatian_11, Datway_10, Deloris_12, Dexes_11, Dignity_13, DismalFunk_29, DismalStressor_29, Doom_10, DrFeelGood_9, DrSeegs_28, Drake55_13, Drake94_9, DreamCatcher_11, Dreamboat_11, DroogsArmy_11, DudeLittle_11, Dulcie_9, DuncansLeg_28, Dussy_11, Dynamix_10, EZMoney23_15, Eaglepride_11, EasyJones_253, Echild_11, Edison31_9, Edtherson_11, Ellson_28, Equemioh13_13, Espresso_10, Euphoria_10, Eyeball_10, Faith1_28, Fajezeel_11, Fameo_11, Fascinus_9, Fenn_10, Findley_29, Finnry_28, FiringLine_11, First_0011, Flare16_11, Forsytheast_9, Francis47_10, Fushigi_10, GageAP_11, Gandalf20_11, Gardann_28, GaugeLDP_13, Georgie2_12, Gompeii16_10, Gonephishing_50, Goose_10, Graduation_12, GrecoEtereo_11, Greg_11, GuuelaD_28, Gwendoluna_11, Gyzlar_11, HINdeR_10, Hafay_28, Hami1_11, HanShotFirst_10, HarryHoudini_13, HarryOW_11, Heffalump_13, Hermia_12, HermioneGrange_11, Homines_10, Hope4ever_10, Hosp_040, ILeeKay_12, Ichabod_10, IgnatiusPatJac_9, IronMan_13, Itos_28, Iwokeuplikedis_11, Izajani_248, JC27_12, Jaan_14, JackSparrow_10,

Jasper_11, Jerm2_10, Jerm_13, Jolie1_042, Jorgensen_10, JoshKayV_13, Jubie_28, JuliaChild_12, KBG_11, KSSJEB_9, Kahlid_28, Kalpine_14, Kanely_11, Katalie136_10, KayaCho_42, Kenmech_12, Killigrew_8, KingCyrus_13, Kingsolomon_28, KittenMittens_9, Kristoff_11, Krypton555_28, Kugel_11, Kumao_39, KyMonks1A_12, Kykar_8, LadyBird_11, Lamina13_10, Larenn_12, Leogania_13, Lesedi_9, Leviathan_13, Lewan_28, LilBib_11, LilDestine_28, LilMcDreamy_46, LilTurb_13, LittleGuy_10, Loadrie_28, Lockley_10, Lokk_14, Lolly9_28, Lopton_11, Loser_14, Lucky2013_48, Lumos_28, MPlant7149_9, Magnar_10, Magnito_9, Makemake_10, Malec_12, Manatee_10, Marcell_10, Marcoliusprime_29, Marge_10, Maroc7_9, Marsha_10, MaryBeth_10, McGuire_10, MetalQZJ_10, MiaZeal_48, Michley_10, MiculUcigas_11, Miko_14, Miley16_28, Milly_29, MiniLon_28, MiniMac_28, MkaliMitinis3_28, Molly_11, Monet_11, Moose_9, Moostard_28, Morpher26_10, MrGordo_10, Mryolo_9, MsGreen_28, Mufasa_30, Mule_10, Museum_11, NEHalo_10, NaSiaTalie_11, Naira_10, Netyap_28, Nhonho_10, Nicholas_28, Nicholasp3_28, NicoleTera_15, Niza_11, Norz_12, NothingSpecial_13, Nyxis_10, OKCentral2016_10, Ohno789_9, Oogway_9, PacerPaul_10, Papez_12, Paphu_9, Paraselene_9, Pari_11, Parliament_9, PascalRango_9, PattyP_11, PeaceMeal1_9, Pepe_11, Perplexer_10, Perseus_11, Peterson_13, PetiteSangsue_10, Petp2012_12, Petruchio_10, Phaded_14, PherrisBueller_11, Phontbonne_10, PhrostyMug_10, PinkPlastic_8, Pinkcreek_232, Pinto_12, Pippin_11, Piro94_12, Pita2_12, Poompha_9, Porcelain_47, Power_11, Pukovnik_13, QTRlifeCrisis_13, QueenB2_11, QueenBeesly_11, Rachaly_14, Rajelicia_9, Rebeuca_11, RedRock_14, Refuge_14, Retro23_11, RhynO_11, Rhynn_10, RidgeCB_10, Ringer_10, Rohr_11, Rubeus_10, Rufus_10, Ruotula_9, Rutherford_11, STLscum_11, Sagefire_11, Samty_28, SarFire_10, Scowl_11, Seabiscuit_11, Seanderson_11, SemperFi_13, Severus_9, ShortQueendom_9, Shygu2_10, Sibs6_11, SkiPole_12, Slagathor_10, Smairt_11, Smeagan_13, Smeagol_11, SnapTap_11, Snazzy_8, Snenia_28, Solon_10, Sorpresa_9, SpikeBT_11, Squee_10, Squint_47, StewieG_9, Strobilo_31, StrongArm_9, Sumter_9, Sunshine924_9, Superphikiman_48, SweetiePie_11, SwissCheese_10, Switzer_10, TM4_30, Target_11, TarsusIV_11, Tasp14_11, Teodoridan_8, TheloniousMonk_11, Thibault_42, Thor_10, Timshel_11, Topanga_10, Tote_12, Tourach_28, Traft412_12, Treddle_11, Trike_8, Tripl3t_11, Trixie_14, Trooper_11, Trouble_10, Turbido_13, Turj99_9, Twister_10, U2_9, Updawg_13, VA6_11, Vetrax_28, Violet_9, WalterMcMickey_10, Watermelon_12, WeiHuaDA_17, Whabigail7_13, Wheeler_10, Whirlwind_29, WideWale_13, Wigglewiggle_28, Wilder_28, Wile_10, Wilkins_10, Winky_28, XianYue_11, Zeeculate_9, Zephyr_10, Zeuska_11, ZhongYanYuan_27, Zimmer_13, ZoeJ_29,

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

- Ading_255, Adlitam_252, Aegeus_29, Alice_238, AlpineSix_32, Amataga_253, Applejack_10, ArcherS7_253, Asterius_249, Astraea_248, Atlantean_252, Audrick_255, Ava3_249, Babyland_255, BackyardAgain_247, BadAgartude_246, BananaFence_250, Bangla1971_253, Basquiat_250, Baudelaire_29, BeanWater_245, Bellis_28, BigCity_260, Bigswole_257, Bipolarisk_250, Blackbrain_251, Blarby_39, Blubba_247, BlueCrab_31, Bonray_255, Bread_249, Breeniome_252, Burrough_253, Burwell21_31, Bxz1_238, Cactojaque_247, Cali_242, Cane17_241, Capablanca_257, CaptainTrips_32, Caravan_242, Catera_241, Chanagan_9, Chargie21_250, CharlieB_247, ChaylaJr_251, ChickenPhender_248, Chomp_250, Chuckly_31, CindyLou_253, Clifton_25, Colt_242, Concombre_258, Cueylyss_10, DTDevon_253, DaWorst_33, DaddyRickover_31, Daffodil_258, Dandelion_258, Darko_252, Deb65_31, Delilah_250, Delylah_254, Derek_248, Dietrick_241, DillTech15_31,

DirtMonster_241, Dorothy_31, DrPhinkDaddy_249, Drago_32, Drazdys_249, ET08_238, EggyFarm_260, EmToTheThree_253, EmmaElysia_257, Erdmann_254, ErnieJ_246, Essence_250, EvilGenius_13, Ewok_251, Fancypants_31, Fastidio_33, Flabslab_247, Fludd_252, FoxtrotP1_251, FrayBell_255, Froghopper_11, FudgeTart_248, GUmbie_31, Gabriel_255, Gamgam_254, Gandolph_32, Geralt_31, Ghost_252, GigiOuiOui_31, Girr_33, Gizmo_258, Grasshills_259, Grungle_234, Guwapp_248, Halldule_244, Hamulus_32, Harley_31, HyRo_237, I3_262, Ibhubesi_31, IkeLoa_246, InigoMontoya_256, InterFolia_254, Iota_249, IrishSherpFalk_33, Issimir_249, JPickles_250, Janiyra_256, Jarcob_31, JayJay_248, Jaygup_249, Jedediah_254, Jemmno_252, Jessibeth14_252, Jinglebell_31, Jobypre_28, JulietS_244, JustHall_246, Kamryn_251, Karhdo_31, Kboogie_256, Kersh_30, Khaleesi_251, Koella_25, Koguma_251, Krakatau_32, LRRHood_244, Landor_12, LastJedi_25, Latch_252, Lee7_253, Leperchaun_31, Licorice_12, LifeSavor_253, LilMoolah_31, LinStu_249, Littleton_256, Lizziana_31, Llama_31, Llij_31, Loanshark_249, LolaVince_248, LordLeafolot_254, Luchador_11, Lukilu_241, Maby2021_253, Mahavrat_31, Mangeria_252, Mantra_31, Maravista_31, Marchy_8, Martik_31, Matsumoto_250, McGee_254, McWolfish_249, Megamind_249, Melpomini_247, MikeLiesIn_253, Mikro_246, MisterCuddles_33, MoMoMixon_248, Modragons_31, Momo_254, MooMoo_29, Morizzled23_250, Mozy_33, Naija_253, Napoleon13_249, Nappy_251, Naval22_257, NedWong_251, Nerujay_11, Ngannou_247, Nidhogg_253, Nimbo_31, Nitzel_32, Nivrat_31, NoodleTree_248, Norm_252, NormanBulbieJr_31, NuevoMundo_254, Ochi17_29, OfUltron_31, Oksu_32, PHappiness_31, PMC_31, PSullivan_11, Pacc40_31, ParkTD_251, Patter_254, Payneful_9, Pelly_11, Phalconet_31, Phasih_32, Phatniss_32, PhesterPhotato_31, Phlegm_257, Phox_253, Phusco_251, Pier_251, Pio_259, Pivoine_253, Pleione_256, PurduePete_253, QBert_244, Quasimodo_255, Rabinovich_245, Rahel_254, RedBird_31, Renaud18_31, Rizal_241, RoMag_247, Rockne_31, Ronan_248, Roots515_255, Ruby_33, Salacia_254, Sandaddy_9, Sauce_249, ScottMcG_244, Seabastian_31, Sebata_252, Shaqnato_243, Shelob_253, ShiLan_31, ShiaLabeouf_250, Shifa_228, Shnickers_251, ShowerHandel_32, Shrimp_255, SiSi_31, SilverDipper_257, SmallFry_253, Spec_246, Specks_257, Sprinklers_250, Spud_244, SrishMeg2525_250, Starceвич_35, StephanieG_246, StubbySaigey_259, Stubby_235, SwagPiggett_31, Swole_12, Teardrop_251, TinyTim_251, Topgun_10, Tortoise16_250, Trinitium_249, Turret_243, TwoPeat_10, Tyke_249, UncleRicky_34, ValleyTerrace_253, Veteran_31, Wachhund_31, Wally_250, WillSterrel_33, Willis_253, XFactor_31, Yassified_248, YemiJoy2021_253, Yorick_31, YoungMoneyMata_252, Yucca_253, Zalkecks_251, Zeenon_253, Zizzle_31, ZygoTaiga_249,

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

- ACFishhook_12, AN9_14, AN18_14, Abdiel_10, Abinghost_47, Achebe_10, Acquire49_26, Aglet_12, AgronaGT15_12, Aikoy_46, Akhila_25, Akoma_47, Albee_10, Alberto7_11, Alexphander_34, Alkhayr_65, Aminay_31, Annyong_10, Anubis_14, Appletree2_26, Archie_28, ArcusAngelus_31, Ardmore_30, Arturo_9, Ashwin_68, Athena_48, Aubs_32, Audrey_47, AugsMagnumOpus_14, Auspice_38, AvadaKedavra_26, Avani_36, AvatarAhPeg_10, Avle17_10, Awesomesauce_32, Aziz_43, Azrael100_51, B1_08, BAKA_53, Baby16_10, BabyRay_10, Badger_10, Bagrid_48, Baloo_47, BangNhom_9, Barnyard_40, Bartimeaus_10, Batiatus_31, Bazzle_28, Beakin_32, Beauxregard13_12, Beem_49, BellusTerra_10, Ben11_46, Bernardo_48, BigPhil_27, Bipolar_28, BirdsNest_51, Blackmoor_10, Blessica_68, Blexus_31, BlueBird_11, BobaPhett_31, Bobi_33, BodEinwohner17_31, Bombitas_46, Bombshell_10, Bongo_38, Boomer_33, Bora_65, BreSam8_12, Briakila_48, Bricole_38, Brocalys_26, Bromden_28, Broseidon_10, Bruiser_10,

BubbleTrouble_10, Bubbles123_33, Bugatti_10, Burger_9, BuzzBuzz_11, BuzzLyseyear_34, Bxz2_12, Byougenkin_31, C3_09, Cabrinians_31, Caelakin_10, Calm_26, Camperdownii_9, Candle_39, Casbah_46, Catdawg_67, Caviar_11, CentreCat_10, Cerasum_27, Cerulean_10, ChaChing_47, ChampagnePapi_10, Chandler_47, Chaph_10, Chaser_26, Che8_33, Che9d_36, Chevrolet_30, ChickenDinner_33, CicholasNage_26, Cici_10, Cindaradix_9, Cintron_10, Citius_10, Clarenza_10, Coco12_31, Cocoberry_10, Colbster_12, Commander_10, Compostia_48, Connomayer_10, Constella_41, Corndog_70, Cornie_31, Cornucopia_32, Corofin_47, Cosmo_52, Crumble_25, Cullens_12, D29_12, D32_14, DBQu4n_14, DLane_31, DRBy19_31, DS6A_31, DaHudson_12, Daenerys_31, Daisy_47, Dallas_51, Dante_31, DeadP_31, Deano_10, Deenasa_47, Demsculpinboyz_36, Devonte_47, Dhanush_10, Dieselweasel_12, Diminimus_39, DirkDirk_26, DirtMcgirt_32, DirtyDunning_10, DmpstrDiver_50, DocMcStuffins_32, Donkeykong_31, Doomphist_31, DosHalletts_35, DotProduct_31, Doug_32, Douge_26, Dove_48, DrLupo_42, Druantia_10, Duke13_52, Dulcita_39, Duplo_14, Dylan_67, DyoEdafos_27, Eagle_9, Eapen_10, Eish_31, Ejimix_49, EleanorGeorge_32, Emma_33, Empress_32, Enby_33, Enceladus_26, EniyanLRS_49, EpicPhail_12, Eradicator_31, EricMillard_49, Eris_10, Eros_10, Estave1_29, Estes_44, Eurydice_10, Familton_68, Farber_12, Fernando_12, Filuzino_31, Finemlucis_28, Firecracker_69, Firehouse51_32, Flathead_31, Florean_10, Florinda_31, Flux_10, FoulBall_64, Frankie_35, Fred313_10, FreddyB_31, Fruitloop_30, Funsized_52, Funston_10, Gabriela_28, Gadget_48, Gadost_10, Gaia_34, Galactic_33, GardenSalsa_43, Gemma_12, GenevaB15_43, Gervas_47, GingkoMaracino_12, Girafales_32, Giroux_10, Glaske16_39, GlenHope_48, Gorge_31, Grif_12, Groupthink_13, Grub_12, Grum1_12, GtownJaz_12, Guppsters_33, Hades_32, Halena_26, Halfpint_46, Halley_49, HamSlice_9, Hannaconda_45, Happiness_10, HarveySr_47, HashRod_13, Hashim76_52, HaveUMetTed_13, Heathcliff_47, Heathen_10, Hegedechwinu_32, HelDan_10, Heliosoles_12, Hercules11_12, Hlubikazi_32, HokkenD_42, Holli_10, Hookmount_11, Houdini22_10, Hughesyang_47, ICleared_10, IPhane7_38, IbOuu_33, Iceman_10, Idergollasper_67, Idleandcovert_10, Imvubu_41, Inventum_31, Iracema64_10, Isca_10, JF2_10, JF4_10, JHC117_12, Jabbawokkie_39, Jackstina_44, JalFarm20_34, James_31, JangDynasty_67, Jaykayelowell_10, JenCasNa_12, JeppNRM_13, JetBlade_10, Job42_35, Jobu08_12, JoeDirt_26, JoeyJr_31, JoongJeon_10, Jsquared_10, Juice456_32, JuicyJay_51, Juniper1_31, KADY_13, KFPoly_10, Kalah2_49, Kalb97_13, Kalnoky_13, Kamiyu_47, Kampy_10, KashFlow_42, Kenuha5_28, Kerberos_14, Kimberlium_33, Kimona_7, KingMidas_33, Kingmustik0402_10, Kingsley_30, Klein_49, Knocker_50, Koduck_11, Koreni_9, Kratak_10, Kremtemulon_9, Krili_66, KristaRAM_32, Kronus_46, Kyee_10, L5_12, LBerry_12, LHTSCC_10, Labelle_41, Lambert1_11, LappelDuVide_9, LarryKay_12, Latretium_32, LeBron_26, Lemur_10, LeoAvram_10, Leopard_46, Leozinho_33, LestyG_47, LilSpotty_32, LilhomieP_37, Lilith_12, LittleB_10, LittleE_53, LittleShirley_34, LochMonster_10, Lorde_33, Lorenzo_10, Louie6_12, LugYA_14, LunaBlu_34, LunaStella_32, Lunsford_11, MA5_10, MAckerman_26, MK4_10, MadKillah_68, MadMarie_12, MadMen_29, Madiba_29, Madrugua_40, Mainiac_12, Malinsilva_14, Mandlovu_32, Manu_13, MarQuardt_12, Margo_11, Marie_12, Marius_13, Marker_33, Marley1013_47, MaryV_52, Mattes_31, Maverick_10, Maxo_10, Mazhar510_10, Medusa_10, MeeZee_10, Melissauren88_31, Melvin_10, Methuselah_12, Microwolf_12, MilanaBonita_25, MilleniumForce_32, Millski_10, Minerva_55, MinionDave_34, Minnie_33, Miramae_10, Misha28_32, Misomonster_14, MmasiCarm_47, MoneyMay_12, MontyDev_39, Moonbeam_32, Mori_67, Morrow_10, Mortcellus_46, Morty007_47, Mova_32, MrMagoo_43, Ms6_25, MuchMore_14, MulchSalad_30,

Mundrea_10, Murai_68, Mutaforma13_31, Naji_14, Nanosmite_43, Nebkiss_35, Nebs_10, Nemo27_10, Neos5_47, NiebruSaylor_66, NihilNomen_48, Nilo_40, NoShow_27, Noella_11, Noelle_10, Norbert_10, NorthStar_10, NotAPhaseMom_10, Nozo_47, OKaNui_10, Obama12_10, Obutu_47, Odette_49, Ogopogo_31, OhShagHennessy_26, Ohfah_10, OlanP_12, OldBen_31, Ollie_12, OlympiaSaint_31, Omega_53, Onyinye_47, Optimus_54, OrangeOswald_47, Ovechkin_32, OwlsT2W_32, P28Green_12, PGHhamlin_14, PP_20, Palestino_10, Panamaxus_11, Papyrus_39, Patience_42, Pawn_13, Peaches_10, PegLeg_38, Pembroke_12, Penny1_12, PeterPeter_10, Phacado_10, Phaedrus_45, Phanphagia_28, Phantastic_10, Phayeta_48, Phelipe_10, Phighter1804_10, Philly_46, Philus_31, PhishRPhriends_11, Phlyer_47, Phoebe_12, Phoebus_48, Phoxy_12, Phranny_13, Pipcraft_10, Pipefish_49, Piper2020_33, Pippy_25, Pistachio_11, Plumbus_33, Pocahontas_11, Poenanya_31, Polka14_32, Pollywog_31, Polymorphads_10, Pomar16_14, PopTart_31, Popcicle_11, PotatoSplit_13, Pound_51, Priscilla_31, Pumbaa_10, Puppy_11, PurpleHaze_12, QuickMath_32, Quico_32, QuinnKiro_10, Radiance_31, RagingRooster_47, Ramsey_34, Reba_13, Redno2_47, Reindeer_38, Relief_10, ResDef_11, Rey_43, Rialto_35, Riparian_39, Rita1961_47, RitaG_32, Rita_32, Rockstar_10, RockyHorror_32, RomaT_47, Romney_10, Roosevelt_10, Rope_39, Rose5_26, Royals2015_31, Ruin_10, Rummer_12, Rumpelstiltskin_28, Ryadel_71, SG4_32, Saal_31, Sabbb_32, Sabertooth_10, Sabia_12, Sabinator_12, Sandalphon_32, Sarma624_27, Sassafras_32, SassyB_31, SaturnRing_10, Scamp_10, Schatzie_46, SchoolBus_67, Schuy_65, Scottish_32, Scout_10, Seagreen_32, Send513_39, Serenity_10, Shaka_10, Shauna1_28, Sheen_12, SheldonCooper_10, Shida_67, ShroomBoi_28, Silverleaf_26, SimranZ1_34, Skinny_39, Skipitt_10, SlimJimmy_37, SlippinJimmy_47, Smooch_70, Snickers_12, SoYo_12, SoilDragon_12, Soshari_14, Soul22_36, Sparkdehlily_31, Spartacus_33, Sparxx_10, Spike509_12, Spikelee_33, Spino_10, Spoonbill_31, StAnnes_30, Stagni_12, Stap_32, StarStuff_14, Stasia_11, StepMih_12, Stink_10, Strokeseat_32, SuperGrey_32, SynergyX_47, TChen_31, TDanisky_31, TNguyen7_10, Taj_31, Taquarus_10, Taurus_12, TelAviv_64, Texage_10, Thanksgivukkah_10, ThetaBob_30, ThreeRngTarjay_47, Tiffany_12, TinaFeyge_10, Tinybot_9, TiroTheta9_10, Todacoro_11, Tomathan_14, Tonenili_274, TootsiePop_32, Tootsieroll_32, Totinger_35, TroyPia_10, Tweety_31, TyDawg_38, Tydolla_47, TygerBlood_10, Tyson_26, UPIE_26, Ulysses_9, VC3_14, VRedHorse_31, Velveteen_27, Veracruz_10, Vix_12, Vorrps_67, Wamburggrxpress_26, Wanda_55, Wander_10, Watson_12, Wee_32, Weiss13_39, Whatsapiecost_32, Whouxphf_32, Wilbur_10, Wildcat_52, Wildflower_65, Winget_68, Wizard007_10, Wooldri_14, Wyatt2_26, Xena_10, Yahalom_47, Yeet_47, Yelo_39, Yinz_47, YoSam321_10, Yoshi_38, YungJamal_72, Zakai_28, Zakhe101_66, Zapner_38, Zaria_26, Zelink_50, Zenon_40, Zenteno07_53, Zerg_31, Zetty_11,

Summary by start number:

Start 20:

- Found in 4 of 1280 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Eish_31 (F1),

Start 25:

- Found in 10 of 1280 (0.8%) of genes in pham
- No Manual Annotations of this start.
- Called 10.0% of time when present

- Phage (with cluster) where this start called: Chevrolet_30 (F1),

Start 42:

- Found in 3 of 1280 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 1173
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Aegeus_29 (L5), Baudelaire_29 (L5),

Start 48:

- Found in 3 of 1280 (0.2%) of genes in pham
- Manual Annotations of this start: 3 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Barnyard_40 (H2), DrLupo_42 (H2), NoShow_27 (AB),

Start 50:

- Found in 47 of 1280 (3.7%) of genes in pham
- Manual Annotations of this start: 44 of 1173
- 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), Chandler_47 (B3), Compostia_48 (B3), Corofin_47 (B3), Daisy_47 (B3), Deenasa_47 (B3), Devonte_47 (B3), Gadget_48 (B3), Gervas_47 (B3), GlenHope_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), MmasiCarm_47 (B3), Mortcellus_46 (B3), Morty007_47 (B3), Neos5_47 (B3), Nozo_47 (B3), Obutu_47 (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), SlippinJimmy_47 (B3), SynergyX_47 (B3), Tydolla_47 (B3), Yahalom_47 (B3), Yinz_47 (B3),

Start 54:

- Found in 29 of 1280 (2.3%) of genes in pham
- Manual Annotations of this start: 27 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Acquire49_26 (L1), Appletree2_26 (L1), Archie_28 (L2), AvadaKedavra_26 (L1), Bazzle_28 (L2), Bromden_28 (L4), Calm_26 (L1), Chaser_26 (L4), CicholasNage_26 (L1), DirkDirk_26 (L1), Douge_26 (L4), DyoEdafos_27 (L4), Enceladus_26 (L1), Finemlucis_28 (L2), Gabriela_28 (L2), Halena_26 (L1), JoeDirt_26 (L1), LeBron_26 (L1), MAckerman_26 (L1), OhShagHennessy_26 (L1), Rose5_26 (L1), Rumpelstiltskin_28 (L2), Silverleaf_26 (L1), Tyson_26 (L1), UPIE_26 (L1), Wamburgrxpress_26 (L1), Wyatt2_26 (L1), Zakai_28 (L2), Zaria_26 (L1),

Start 55:

- Found in 3 of 1280 (0.2%) of genes in pham
- Manual Annotations of this start: 3 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Labelle_41 (U), Madruga_40 (U), Patience_42 (U),

Start 56:

- Found in 193 of 1280 (15.1%) of genes in pham
- Manual Annotations of this start: 172 of 1173
- Called 98.4% of time when present
- Phage (with cluster) where this start called: Ading_255 (C1), Adlitam_252 (C1), Alice_238 (C1), Amataga_253 (C1), ArcherS7_253 (C1), Asterius_249 (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), BigCity_260 (C1), Bigswole_257 (C1), Bipolarisk_250 (C1), Blackbrain_251 (C1), Blubba_247 (C1), Bonray_255 (C1), Bread_249 (C1), Breeniome_252 (C1), Burrough_253 (C1), Bxz1_238 (C1), Cactojaque_247 (C1), Cali_242 (C1), Candle_39 (R), 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_250 (C1), CindyLou_253 (C1), Colt_242 (C1), Concombres_258 (C1), DTDevon_253 (C1), Daffodil_258 (C1), Dandelion_258 (C1), Darko_252 (C1), Delilah_250 (C1), Delylah_254 (C1), Derek_248 (C1), Dietrick_241 (C1), DirtMonster_241 (C1), DrPhinkDaddy_249 (C1), Drazdys_249 (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), Flabslab_247 (C1), Fludd_252 (C1), FoxtrotP1_251 (C1), FrayBell_255 (C1), FudgeTart_248 (C1), Gabriel_255 (C1), Gangam_254 (C1), Ghost_252 (C1), Gizmo_258 (C1), Grasshills_259 (C1), Grungle_234 (C1), Guwapp_248 (C1), Haldule_244 (C1), HyRo_237 (C1), I3_262 (C1), IkeLoa_246 (C1), InigoMontoya_256 (C1), InterFolia_254 (C1), Iota_249 (C1), Issimir_249 (C1), JPickles_250 (C1), Janiyra_256 (C1), JayJay_248 (C1), Jaygup_249 (C1), Jedediah_254 (C1), Jemmno_252 (C1), Jessibeth14_252 (C1), JulietS_244 (C1), JustHall_246 (C1), Kamryn_251 (C1), Kboogie_256 (C1), Khaleesi_251 (C1), Koguma_251 (C1), LRRHood_244 (C1), Latch_252 (C1), Lee7_253 (C1), LifeSavor_253 (C1), LinStu_249 (C1), Littleton_256 (C1), Loanshark_249 (C1), LolaVince_248 (C1), LordLeafolot_254 (C1), Lukilu_241 (C1), Maby2021_253 (C1), Mangeria_252 (C1), Matsumoto_250 (C1), McGee_254 (C1), McWolfish_249 (C1), Megamind_249 (C1), Melpomini_247 (C1), MikeLiesIn_253 (C1), Mikro_246 (C1), MoMoMixon_248 (C1), Momo_254 (C1), MontyDev_39 (R), Morizzled23_250 (C1), Naija_253 (C1), Napoleon13_249 (C1), Nappy_251 (C1), Naval22_257 (C1), NedWong_251 (C1), Ngannou_247 (C1), Nidhogg_253 (C1), Nilo_40 (R), NoodleTree_248 (C1), Norm_252 (C1), NuevoMundo_254 (C1), Papyrus_39 (R), ParkTD_251 (C1), Patter_254 (C1), Phlegm_257 (C1), Phox_253 (C1), Phusco_251 (C1), Pier_251 (C1), Pio_259 (C1), Pivoine_253 (C1), Pleione_256 (C1), PurduePete_253 (C1), QBert_244 (C1), Quasimodo_255 (C1), Rabinovich_245 (C1), Rahel_254 (C1), Riparian_39 (R), Rizal_241 (C1), RoMag_247 (C1), Ronan_248 (C1), Roots515_255 (C1), Rope_39 (R), Salacia_254 (C1), Sauce_249 (C1), ScottMcG_244 (C1), Sebata_252 (C1), Send513_39 (R), Shaqnato_243 (C1), Shelob_253 (C1), ShiaLabeouf_250 (C1), Shifa_228 (C1), Shnickers_251 (C1), Shrimp_255 (C1), SilverDipper_257 (C1), SmallFry_253 (C1), Spec_246 (C1), Specks_257 (C1), Sprinklers_250 (C1), Spud_244 (C1), SrishMeg2525_250 (C1), StephanieG_246 (C1), StubbySaigey_259 (C1), Stubby_235 (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), Wally_250 (C1), Weiss13_39 (R), Willis_253 (C1), Yassified_248 (C1), Yelo_39 (R), YemiJoy2021_253 (C1), YoungMoneyMata_252 (C1), Yucca_253 (C1), Zalkecks_251 (C1), Zeenon_253 (C1), Zenon_40 (R), ZygoTaiga_249 (C1),

Start 59:

- Found in 273 of 1280 (21.3%) of genes in pham
- Manual Annotations of this start: 240 of 1173
- Called 97.8% of time when present
- Phage (with cluster) where this start called: Akhila_25 (F1), Alexphander_34 (F1), Alkhayr_65 (O), AlpineSix_32 (F1), Aminay_31 (K7), ArcusAngelus_31 (F1), Ardmore_30 (F1), Ashwin_68 (O), Aubs_32 (F1), Avani_36 (F2), Awesomesauce_32 (F1), Azrael100_51 (V), Batiatus_31 (F1), Beakin_32 (F1), BigPhil_27 (F1), Bipolar_28 (F1), Blarby_39 (F), Blessica_68 (O), Blexus_31 (F1), BlueCrab_31 (F1), BobaPhett_31 (F1), Bobi_33 (F1), BodEinwohner17_31 (F1), Boomer_33 (F1), Bora_65 (O), Brocalys_26 (F1), Bubbles123_33 (F1), Burwell21_31 (F1), BuzzLyseyear_34 (F1), Byougenkin_31 (F1), Cabrinians_31 (F1), CaptainTrips_32 (F1), Catdawg_67 (O), Cerasum_27 (F1), Che8_33 (F1), Che9d_36 (F2), ChickenDinner_33 (F1), Chuckly_31 (F1), Clifton_25 (F1), Coco12_31 (F1), Corndog_70 (O), Cornie_31 (F5), Cornucopia_32 (F1), Cosmo_52 (V), Crumble_25 (F1), DLane_31 (F1), DRBy19_31 (F1), DaWorst_33 (F1), DaddyRickover_31 (F1), Daenerys_31 (F1), Dante_31 (F1), DeadP_31 (F1), Deb65_31 (F1), Demsculpinboyz_36 (F2), DillTech15_31 (F1), DirtMcgirt_32 (F1), DocMcStuffins_32 (F1), Donkeykong_31 (F1), Doomphist_31 (F1), Dorothy_31 (F1), DosHalletts_35 (F1), DotProduct_31 (F1), Doug_32 (F1), Drago_32 (F1), Dylan_67 (O), EleanorGeorge_32 (F1), Emma_33 (F1), Empress_32 (F1), Enby_33 (F1), EniyanLRS_49 (V), Eradicator_31 (F1), Estave1_29 (F1), Familton_68 (O), Fancypants_31 (F1), Fastidio_33 (F1), Filuzino_31 (F1), Firecracker_69 (O), Firehouse51_32 (F1), Flathead_31 (F1), Florinda_31 (F1), FoulBall_64 (O), Frankie_35 (F1), FreddyB_31 (F1), Fruitloop_30 (F1), GUmbie_31 (F1), Galactic_33 (F1), Gandolph_32 (F1), Geralt_31 (F1), GigiOuiOui_31 (F1), Girafales_32 (F1), Girr_33 (F1), Gorge_31 (F1), Guppsters_33 (F1), Hades_32 (F1), Harley_31 (F1), Hegedechwinu_32 (F1), Hlubikazi_32 (F1), Ibhubesi_31 (F1), Idergollasper_67 (O), Inventum_31 (F1), IrishSherpFalk_33 (F1), Jabbawokkie_39 (F2), JalFarm20_34 (F1), James_31 (F1), JangDynasty_67 (O), Jarcob_31 (F1), Jinglebell_31 (F1), Job42_35 (F1), JoeyJr_31 (F1), Juice456_32 (F1), Juniper1_31 (F1), Karhdo_31 (F1), Kenuha5_28 (F1), Kersh_30 (F1), KingMidas_33 (F1), Kingsley_30 (F1), Koella_25 (F1), Krakatau_32 (F1), Krili_66 (O), KristaRAM_32 (F1), LastJedi_25 (F1), Latretium_32 (F1), Leozinho_33 (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), LunaBlu_34 (F1), LunaStella_32 (F4), MadKillah_68 (O), MadMen_29 (F1), Madiba_29 (F1), Mahavrat_31 (F1), Mandlovu_32 (F1), Mantra_31 (F1), Maravista_31 (F1), Marker_33 (F1), Martik_31 (F1), MaryV_52 (V), Mattes_31 (F1), Melissauren88_31 (F1), MilanaBonita_25 (F1), MilleniumForce_32 (F1), MinionDave_34 (F1), Minnie_33 (F1), Misha28_32 (F1), MisterCuddles_33 (F1), Modragons_31 (F1), MooMoo_29 (singleton), Moonbeam_32 (F1), Mori_67 (O), Mova_32 (F1), Mozy_33 (F1), Ms6_25 (F1), MulchSalad_30 (F), Murai_68 (O), Mutaforma13_31 (F1), Nebkiss_35 (X), NiebruSaylor_66 (O), Nimbo_31 (F1), Nitzel_32 (F1), Nivrat_31 (F1), NormanBulbieJr_31 (F1), Ochi17_29 (F1), OfUltron_31 (F1), Ogopogo_31 (F1), Oksu_32 (F1), OldBen_31 (F1), OlympiaSaint_31 (F1), Ovechkin_32 (F1), OwlsT2W_32 (F1), PHappiness_31 (F1), PMC_31 (F1), Pacc40_31 (F1), Phalconet_31 (F1), Phanphagia_28 (F1), Phasih_32 (F1), Phatniss_32 (F1), PhesterPhotato_31 (F1), Philus_31 (F1), Piper2020_33 (F1), Pippy_25 (F1), Plumbus_33 (F1), Poenanya_31 (F1), Polka14_32 (F1), Pollywog_31 (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), RitaG_32 (F1), Rita_32 (F1), Rockne_31 (F1), RockyHorror_32 (F1), Royals2015_31 (F1), Ruby_33 (F1), Ryadel_71 (O), SG4_32 (F1), Saal_31 (F1), Sabbb_32 (F1), Sandalphon_32 (F1), Sarma624_27 (F1), Sassafras_32 (F1),

SassyB_31 (F1), SchoolBus_67 (O), Schuy_65 (O), Scottish_32 (F1), Seabastian_31 (F1), Seagreen_32 (F1), Shauna1_28 (F1), ShiLan_31 (F1), Shida_67 (O), ShowerHandel_32 (F1), ShroomBoi_28 (F1), SiSi_31 (F1), SimranZ1_34 (F1), Smooch_70 (O), Soul22_36 (F2), Sparkdehilly_31 (F1), Spartacus_33 (F1), Spikelee_33 (F1), Spoonbill_31 (F1), StAnnes_30 (F1), Stap_32 (F1), Starcevich_35 (F1), Strokeseat_32 (F1), SuperGrey_32 (F1), SwagPigglett_31 (F1), TChen_31 (F4), TDanisky_31 (F1), Taj_31 (F1), TelAviv_64 (O), ThetaBob_30 (F4), TootsiePop_32 (F1), Tootsieroll_32 (F1), Totinger_35 (F1), Tweety_31 (F1), UncleRicky_34 (F1), VRedHorse_31 (F1), Velveteen_27 (F1), Veteran_31 (F1), Vorrrps_67 (O), Wachhund_31 (F1), Wee_32 (F1), Whatsapiecost_32 (F1), Whouxphf_32 (F1), Wildcat_52 (V), Wildflower_65 (O), WillSterrel_33 (F1), Winget_68 (O), XFactor_31 (F1), Yorick_31 (F1), Yoshi_38 (F2), YungJamal_72 (O), Zakhe101_66 (O), Zapner_38 (F2), Zerg_31 (F1), Zizzle_31 (F1),

Start 60:

- Found in 95 of 1280 (7.4%) of genes in pham
- Manual Annotations of this start: 92 of 1173
- 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), BreSam8_12 (A3), BuzzBuzz_11 (A3), Bxz2_12 (A3), Caviar_11 (A3), Colbster_12 (A3), Cullens_12 (A3), DaHudson_12 (A3), Dieselweasel_12 (A3), EpicPhail_12 (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), 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), 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), 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_13 (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), Todacoro_11 (A3), Veracruz_10 (A3), Vix_12 (A3), Watson_12 (A3), Wooldri_14 (A3), Zetzy_11 (A3),

Start 62:

- Found in 8 of 1280 (0.6%) of genes in pham
- Manual Annotations of this start: 8 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aziz_43 (M2), DS6A_31 (singleton), Estes_44 (M2), GardenSalsa_43 (M2), GenevaB15_43 (M2), MrMagoo_43 (M2), Nanosmite_43 (M3), Rey_43 (M2),

Start 63:

- Found in 15 of 1280 (1.2%) of genes in pham

- Manual Annotations of this start: 13 of 1173
- Called 86.7% 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), Glaske16_39 (M1), IPhone7_38 (M1), LilhomieP_37 (M1), PegLeg_38 (M1), Reindeer_38 (M1), Skinny_39 (M1), SlimJimmy_37 (M1), TyDawg_38 (M1),

Start 64:

- Found in 1 of 1280 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Imvubu_41 (B10),

Start 65:

- Found in 3 of 1280 (0.2%) of genes in pham
- Manual Annotations of this start: 3 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Funsized_52 (B9), Knocker_50 (B9), Zenteno07_53 (B13),

Start 66:

- Found in 666 of 1280 (52.0%) of genes in pham
- Manual Annotations of this start: 361 of 1173
- Called 58.7% of time when present
- Phage (with cluster) where this start called: 20ES_11 (A2), 39HC_042 (B6), 40AC_14 (A17), 40BC_042 (B6), A6_08 (A1), AFIS_10 (A1), AN3_11 (A2), AbbyPaige_13 (A2), AbbysRanger_10 (A4), Abbysshoes_11 (A1), Abrogate_110 (A1), Acme_11 (A1), Acolyte_11 (A2), Adahisdi_11 (A1), Aeneas_12 (A1), Agaliana_10 (A1), Agape74_13 (A2), Ajay_10 (A1), Alsfro_14 (A1), Altman_11 (A1), Alvin_11 (A1), Anglerfish_10 (A1), AnnaL29_14 (A2), Anselm_11 (A2), Arcanine_10 (A1), ArcherNM_13 (A2), Ariel_48 (J), Arlo_9 (A1), Ashballer_8 (A1), Atkinbua_10 (A1), BK1_08 (A1), BPBiebs31_11 (A1), BabyBack_12 (A2), Backyardigan_10 (A4), BaconJack_12 (A1), Bactobuster_12 (A2), Baehexic_12 (A2), Baoshan_27 (L2), Barriga_10 (A1), Beatrix_9 (A1), BeesKnees_10 (A1), BengiVuitton_12 (A2), Benvolio_11 (A2), Bethlehem_10 (A1), Bexan_9 (A1), BiancaTri92_13 (A2), Big3_10 (A1), BigCheese_28 (L2), BigMau_11 (A1), BigPaolini_11 (A1), Bigfoot_9 (A1), BillKnuckles_11 (A1), Bircsak_10 (A1), BluSpix_10 (A1), Blue_10 (A1), Bob3_9 (A1), BobSwaget_14 (A2), Bobby_48 (J), BobsGarage_28 (L2), Bones_10 (A1), BoostSeason_30 (K2), Breezona_28 (L2), Briton15_11 (A1), Bruns_8 (A1), Buggy_13 (A2), Bumblebee11_10 (A4), Burton_10 (A1), Buttons_11 (A1), Bxb1_9 (A1), CRB1_11 (A2), CactusRose_9 (A1), Carlyle_12 (A1), Centaur_13 (A2), Changeling_14 (A2), ChipMunk_13 (A2), Chupacabra_10 (A10), Ciao_10 (A1), Claus_28 (L2), Clautastrophe_28 (L3), Colin_15 (A2), ConceptII_10 (A1), Corvo_10 (A1), Courthouse_48 (J), Crispicous1_9 (A1), Crossroads_28 (L2), Crucio_11 (A2), DD5_11 (A1), Daishi_11 (A3), Dalmatian_11 (A2), Datway_10 (A4), Deloris_12 (A2), Dexes_11 (A1), Dignity_13 (A2), DismalFunk_29 (K2), DismalStressor_29 (K2), Doom_10 (A1), DrFeelGood_9 (A1), DrSeegs_28 (L2), Drake55_13 (A2), Drake94_9 (A10), DreamCatcher_11 (A1), Dreamboat_11 (A1), DroogsArmy_11 (A7), DudeLittle_11 (A2), Dulcie_9 (A1), DuncansLeg_28 (L3), Dussy_11 (A1), Dynamix_10 (A1), EZMoney23_15 (A2), Eaglepride_11 (A10), EasyJones_253 (C1), Echild_11 (A2), Edison31_9 (A10), Edtherson_11 (A1), Ellson_28 (L3), Equemioh13_13 (A2), Espresso_10 (A1), Euphoria_10 (A1), Eyeball_10 (A1), Faith1_28 (L2), Fajezeel_11 (A1), Fameo_11 (A2), Fascinus_9 (A1), Fenn_10 (A1),

Findley_29 (K2), Finnry_28 (L3), FiringLine_11 (A2), First_0011 (A2), Flare16_11 (A2), Forsytheast_9 (A1), Francis47_10 (A1), Fushigi_10 (A1), GageAP_11 (A1), Gandalf20_11 (A1), Gardann_28 (L2), GaugeLDP_13 (A2), Georgie2_12 (A2), Gompeii16_10 (A1), Gonephishing_50 (J), Goose_10 (A10), Graduation_12 (A1), GrecoEtereo_11 (A1), Greg_11 (A1), GuuelaD_28 (L2), Gwendoluna_11 (A1), Gyzlar_11 (A1), HINdeR_10 (A7), Hafay_28 (L2), Hami1_11 (A1), HanShotFirst_10 (A1), HarryHoudini_13 (A2), HarryOW_11 (A1), Heffalump_13 (A2), Hermia_12 (A1), HermioneGrange_11 (A1), Homines_10 (A1), Hope4ever_10 (A1), Hosp_040 (B6), ILeeKay_12 (A1), Ichabod_10 (A1), IgnatiusPatJac_9 (A1), IronMan_13 (A2), Itos_28 (L2), Iwokeuplikedis_11 (A2), Izajani_248 (C1), JC27_12 (A1), Jaan_14 (A2), JackSparrow_10 (A1), Jasper_11 (A1), Jerm2_10 (A1), Jerm_13 (A2), Jolie1_042 (B6), Jorgensen_10 (A1), JoshKayV_13 (A2), Jubie_28 (L3), JuliaChild_12 (A1), KBG_11 (A1), KSSJEB_9 (A1), Kahlid_28 (L2), Kalpine_14 (A2), Kanely_11 (A1), Katalie136_10 (A4), KayaCho_42 (B6), Kenmech_12 (A1), Killigrew_8 (A1), KingCyrus_13 (A2), Kingsolomon_28 (L3), KittenMittens_9 (A10), Kristoff_11 (A10), Krypton555_28 (L3), Kugel_11 (A1), Kumao_39 (singleton), KyMonks1A_12 (A1), Kykar_8 (A1), LadyBird_11 (A2), Lamina13_10 (A1), Larenn_12 (A2), Leogania_13 (A2), Lesedi_9 (A1), Leviathan_13 (A2), Lewan_28 (L2), LilBib_11 (A1), LilDestine_28 (L2), LilMcDreamy_46 (B12), LiITurb_13 (A2), LittleGuy_10 (A4), Loadrie_28 (L2), Lockley_10 (A1), Lokk_14 (A2), Lolly9_28 (L3), Lopton_11 (A1), Loser_14 (A2), Lucky2013_48 (J), Lumos_28 (L3), MPlant7149_9 (A1), Magnar_10 (A1), Magnito_9 (A1), Makemake_10 (A1), Malec_12 (A2), Manatee_10 (A1), Marcell_10 (A1), Marcoliusprime_29 (K2), Marge_10 (A1), Maroc7_9 (A1), Marsha_10 (A1), MaryBeth_10 (A1), McGuire_10 (A1), MetalQZJ_10 (A1), MiaZeal_48 (J), Michley_10 (A1), MiculUcigas_11 (A2), Miko_14 (A2), Miley16_28 (L2), Milly_29 (K2), MiniLon_28 (L3), MiniMac_28 (L3), MkaliMitinis3_28 (L2), Molly_11 (A1), Monet_11 (A1), Moose_9 (A1), Moostard_28 (L3), Morpher26_10 (A4), MrGordo_10 (A1), Mryolo_9 (A1), MsGreen_28 (L3), Mufasa_30 (K2), Mule_10 (A1), Museum_11 (A1), NEHalo_10 (A1), NaSiaTalie_11 (A2), Naira_10 (A1), Netyap_28 (L2), Nhonho_10 (A1), Nicholas_28 (L3), Nicholasp3_28 (L2), NicoleTera_15 (A2), Niza_11 (A1), Norz_12 (A1), NothingSpecial_13 (A2), Nyxis_10 (A4), OKCentral2016_10 (A10), Ohno789_9 (A1), Oogway_9 (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), PeaceMeal1_9 (A10), Pepe_11 (A1), Perplexer_10 (A4), Perseus_11 (A1), Peterson_13 (A1), PetiteSangsue_10 (A4), Petp2012_12 (A1), Petruchio_10 (A1), Phaded_14 (A2), PherrisBueller_11 (A1), Phontbonne_10 (A4), PhrostyMug_10 (A1), PinkPlastic_8 (A1), Pinkcreek_232 (C1), Pinto_12 (A1), Pippin_11 (A1), Piro94_12 (A2), Pita2_12 (A1), Poompha_9 (A10), Porcelain_47 (J), Power_11 (A2), Pukovnik_13 (A2), QTRLifeCrisis_13 (A1), QueenB2_11 (A2), QueenBeesly_11 (A2), Rachaly_14 (A2), Rajelicia_9 (A1), Rebeuca_11 (A10), RedRock_14 (A2), Refuge_14 (A12), Retro23_11 (A2), RhynO_11 (A10), Rhynn_10 (A1), RidgeCB_10 (A1), Ringer_10 (A1), Rohr_11 (A1), Rubeus_10 (A1), Rufus_10 (A1), Ruotula_9 (A1), Rutherford_11 (A1), STLscum_11 (A1), Sagefire_11 (A1), Samty_28 (L3), SarFire_10 (A1), Scowl_11 (A1), Seabiscuit_11 (A1), Seanderson_11 (A1), SemperFi_13 (A2), Severus_9 (A10), ShortQueendom_9 (A1), Shygu2_10 (A4), Sibs6_11 (A1), SkiPole_12 (A1), Slagathor_10 (A1), Smairt_11 (A1), Smeagan_13 (A2), Smeagol_11 (A1), SnapTap_11 (A2), Snazzy_8 (A1), Snenia_28 (L3), Solon_10 (A1), Sorpresa_9 (A1), SpikeBT_11 (A1), Squee_10 (A1), Squint_47 (J), StewieG_9 (A1), Strobilo_31 (K2), StrongArm_9 (A1), Sumter_9 (A1), Sunshine924_9 (A1), Superphikiman_48 (J), SweetiePie_11 (A2), SwissCheese_10 (A1), Switzer_10 (A1), TM4_30 (K2), Target_11 (A1), TarsusIV_11 (A2), Tasp14_11 (A1), Teodoridan_8 (A1), TheloniousMonk_11 (A1), Thibault_42 (J), Thor_10 (A1), Timshel_11 (A7),

Topanga_10 (A10), Tote_12 (A1), Tourach_28 (L2), Traft412_12 (A1), Treddle_11 (A1), Trike_8 (A10), Tripl3t_11 (A1), Trixie_14 (A2), Trooper_11 (A2), Trouble_10 (A1), Turbido_13 (A2), Turj99_9 (A1), Twister_10 (A10), U2_9 (A1), Updawg_13 (A2), VA6_11 (A2), Vetrix_28 (L2), Violet_9 (A1), WalterMcMickey_10 (A10), Watermelon_12 (A1), WeiHuaDA_17 (A2), Whabigail7_13 (A2), Wheeler_10 (A1), Whirlwind_29 (L3), WideWale_13 (A2), Wigglewiggles_28 (L2), Wilder_28 (L2), Wile_10 (A4), Wilkins_10 (A1), Winky_28 (L2), XianYue_11 (A2), Zeeculate_9 (A1), Zephyr_10 (A1), Zeuska_11 (A1), ZhongYanYuan_27 (L2), Zimmer_13 (A12), ZoeJ_29 (K2),

Start 67:

- Found in 2 of 1280 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BirdsNest_51 (B13), Hashim76_52 (B13),

Start 68:

- Found in 124 of 1280 (9.7%) of genes in pham
- Manual Annotations of this start: 108 of 1173
- Called 88.7% 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), Baby16_10 (A4), Badger_10 (A4), BangNhom_9 (A4), Bartimeaus_10 (A4), Blackmoor_10 (A4), Bombshell_10 (A4), Broseidon_10 (A4), Bruiser_10 (A4), BubbleTrouble_10 (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), Eurydice_10 (A4), Florean_10 (A4), Funston_10 (A4), Gadost_10 (A4), Happiness_10 (A4), Houdini22_10 (A4), Iceman_10 (A4), Iracema64_10 (A4), Jaykayelowell_10 (A4), JetBlade_10 (A4), JoongJeon_10 (A4), KFPoly_10 (A4), Kamy_10 (A4), Kingmustik0402_10 (A4), Koreni_9 (A4), Kratark_10 (A4), Kremtemulon_9 (A4), Kyee_10 (A4), LHTSCC_10 (A4), LappelDuVide_9 (A4), Lemur_10 (A4), LeoAvram_10 (A4), LittleB_10 (A4), LochMonster_10 (A4), Lorenzo_10 (A4), Lunsford_11 (A4), Maverick_10 (A4), Maxo_10 (A4), Mazhar510_10 (A4), Millski_10 (A4), Miramae_10 (A4), Morrow_10 (A4), Mundrea_10 (A4), Nebs_10 (A4), Noelle_10 (A4), NorthStar_10 (A4), NotAPhaseMom_10 (A4), OKaNui_10 (A4), Obama12_10 (A4), Ohfah_10 (A4), Palestino_10 (A4), PeterPeter_10 (A4), Phacado_10 (A4), Felipe_10 (A4), Phighter1804_10 (A4), Polymorphads_10 (A4), Pumbaa_10 (A4), Relief_10 (A4), Romney_10 (A4), Roosevelt_10 (A4), Ruin_10 (A4), Sabertooth_10 (A4), Scamp_10 (A4), Shaka_10 (A4), SheldonCooper_10 (A4), Skipitt_10 (A4), Sparxx_10 (A4), Spino_10 (A4), Stasia_11 (A4), Stink_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 70:

- Found in 142 of 1280 (11.1%) of genes in pham
- Manual Annotations of this start: 14 of 1173
- Called 9.9% 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), Hamulus_32 (F1), Holli_10 (A4), ICleared_10 (A4), Medusa_10 (A4), MeeZee_10 (A4), Melvin_10 (A4), Peaches_10 (A4), Pipcraft_10 (A4),

Start 74:

- Found in 158 of 1280 (12.3%) of genes in pham
- No Manual Annotations of this start.
- Called 0.6% of time when present
- Phage (with cluster) where this start called: Landor_12 (A2),

Start 75:

- Found in 362 of 1280 (28.3%) of genes in pham
- Manual Annotations of this start: 5 of 1173
- Called 1.7% of time when present
- Phage (with cluster) where this start called: Cueylyss_10 (A1), Froghopper_11 (A1), Licorice_12 (A1), Luchador_11 (A14), Marchy_8 (A1), Topgun_10 (A1),

Start 80:

- Found in 389 of 1280 (30.4%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 0.3% of time when present
- Phage (with cluster) where this start called: EvilGenius_13 (A2),

Start 81:

- Found in 1039 of 1280 (81.2%) of genes in pham
- Manual Annotations of this start: 2 of 1173
- Called 1.1% of time when present
- Phage (with cluster) where this start called: Applejack_10 (A1), Bellis_28 (L3), Chanagan_9 (A1), Nemo27_10 (A4), Nerujay_11 (A1), PSullivan_11 (A1), Payneful_9 (A1), Pelly_11 (A1), Sandaddy_9 (A1), Swole_12 (A1), TwoPeat_10 (A1),

Start 86:

- Found in 45 of 1280 (3.5%) of genes in pham
- Manual Annotations of this start: 30 of 1173
- Called 66.7% 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), Duke13_52 (J), Ejimix_49 (J), EricMillard_49 (J), Gaia_34 (X), Halley_49 (J), Hannaconda_45 (J), HokkenD_42 (J), Hughesyang_47 (J), JuicyJay_51 (J), Kalah2_49 (J), KashFlow_42 (J), Klein_49 (J), LittleE_53 (J), Minerva_55 (J), NihilNomen_48 (J), Omega_53 (J), Optimus_54 (J), Phoebus_48 (J), Pound_51 (J), Redno2_47 (J), Schatzie_46 (J), ThreeRngTarjay_47 (J), Wanda_55 (J), Yeet_47 (J),

Start 96:

- Found in 3 of 1280 (0.2%) of genes in pham
- Manual Annotations of this start: 3 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aikoy_46 (AE), Leopard_46 (AE), Onyinye_47 (AE),

Start 100:

- Found in 116 of 1280 (9.1%) of genes in pham

- Manual Annotations of this start: 1 of 1173
- Called 4.3% of time when present
- Phage (with cluster) where this start called: Bagrid_48 (J), Dove_48 (J), Jobypre_28 (L3), Odette_49 (J), Zelink_50 (J),

Start 134:

- Found in 464 of 1280 (36.2%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 0.2% of time when present
- Phage (with cluster) where this start called: Kimberlium_33 (F1),

Start 143:

- Found in 31 of 1280 (2.4%) of genes in pham
- Manual Annotations of this start: 16 of 1173
- Called 54.8% of time when present
- Phage (with cluster) where this start called: AN9_14 (A2), ANI8_14 (A2), C3_09 (A2), D29_12 (A2), D32_14 (A2), DBQu4n_14 (A2), Duplo_14 (A2), Jsquared_10 (A2), Kerberos_14 (A2), Koduck_11 (A2), L5_12 (A2), Naji_14 (A2), Pomar16_14 (A2), Serenity_10 (A2), StarStuff_14 (A2), Tomathan_14 (A2), VC3_14 (A2),

Start 146:

- Found in 36 of 1280 (2.8%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 2.8% of time when present
- Phage (with cluster) where this start called: Phantastic_10 (A3),

Start 152:

- Found in 32 of 1280 (2.5%) of genes in pham
- Manual Annotations of this start: 17 of 1173
- Called 62.5% of time when present
- Phage (with cluster) where this start called: B1_08 (A3), BabyRay_10 (A3), BlueBird_11 (A3), Bugatti_10 (A3), Fred313_10 (A3), Giroux_10 (A3), Heathen_10 (A3), HelDan_10 (A3), Idleandcovert_10 (A3), Isca_10 (A3), JF2_10 (A3), JF4_10 (A3), MA5_10 (A3), MK4_10 (A3), Pistachio_11 (A3), Puppy_11 (A3), Rockstar_10 (A3), SaturnRing_10 (A3), Scout_10 (A3), TNguyen7_10 (A3),

Start 154:

- Found in 1 of 1280 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 1173
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sheen_12 (A7),

Start 157:

- Found in 64 of 1280 (5.0%) of genes in pham
- Manual Annotations of this start: 2 of 1173
- Called 3.1% of time when present
- Phage (with cluster) where this start called: Kimona_7 (A19), PP_20 (A7),

Start 160:

- Found in 404 of 1280 (31.6%) of genes in pham
- No Manual Annotations of this start.
- Called 0.2% of time when present
- Phage (with cluster) where this start called: IbOuu_33 (F1),

Summary by clusters:

There are 42 clusters represented in this pham: singleton, M3, L1, B12, K2, M1, B13, B10, M2, A14, A17, A10, A12, A19, A1, A3, A2, A4, A7, C1, AB, AE, F, J, O, L4, R, L2, L3, V, X, U, F1, F2, F4, F5, H2, B6, L5, B3, K7, B9,

Info for manual annotations of cluster A1:

- Start number 66 was manually annotated 190 times for cluster A1.
- Start number 75 was manually annotated 4 times for cluster A1.
- Start number 81 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:

- Start number 66 was manually annotated 16 times for cluster A10.

Info for manual annotations of cluster A12:

- Start number 66 was manually annotated 2 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 75 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A19:

- Start number 157 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 66 was manually annotated 74 times for cluster A2.
- Start number 80 was manually annotated 1 time for cluster A2.
- Start number 143 was manually annotated 16 times for cluster A2.

Info for manual annotations of cluster A3:

- Start number 60 was manually annotated 92 times for cluster A3.
- Start number 66 was manually annotated 1 time for cluster A3.
- Start number 146 was manually annotated 1 time for cluster A3.
- Start number 152 was manually annotated 17 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 66 was manually annotated 13 times for cluster A4.
- Start number 68 was manually annotated 108 times for cluster A4.
- Start number 70 was manually annotated 13 times for cluster A4.
- Start number 81 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A7:

- Start number 66 was manually annotated 3 times for cluster A7.
- Start number 154 was manually annotated 1 time for cluster A7.
- Start number 157 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster AB:

- Start number 48 was manually annotated 1 time for cluster AB.

Info for manual annotations of cluster AE:

- Start number 96 was manually annotated 3 times for cluster AE.

Info for manual annotations of cluster B10:

- Start number 64 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B12:

- Start number 66 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 65 was manually annotated 1 time for cluster B13.
- Start number 67 was manually annotated 1 time for cluster B13.

Info for manual annotations of cluster B3:

- Start number 50 was manually annotated 44 times for cluster B3.

Info for manual annotations of cluster B6:

- Start number 66 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B9:

- Start number 65 was manually annotated 2 times for cluster B9.

Info for manual annotations of cluster C1:

- Start number 56 was manually annotated 164 times for cluster C1.
- Start number 66 was manually annotated 3 times for cluster C1.

Info for manual annotations of cluster F1:

- Start number 20 was manually annotated 1 time for cluster F1.
- Start number 59 was manually annotated 198 times for cluster F1.
- Start number 70 was manually annotated 1 time for cluster F1.
- Start number 134 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F2:

- Start number 59 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F4:

- Start number 59 was manually annotated 3 times for cluster F4.

Info for manual annotations of cluster F5:

- Start number 59 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster H2:

- Start number 48 was manually annotated 2 times for cluster H2.

Info for manual annotations of cluster J:

- Start number 66 was manually annotated 9 times for cluster J.
- Start number 86 was manually annotated 29 times for cluster J.
- Start number 100 was manually annotated 1 time for cluster J.

Info for manual annotations of cluster K2:

- Start number 66 was manually annotated 9 times for cluster K2.

Info for manual annotations of cluster K7:

- Start number 59 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster L1:

- Start number 54 was manually annotated 18 times for cluster L1.

Info for manual annotations of cluster L2:

- Start number 54 was manually annotated 6 times for cluster L2.
- Start number 66 was manually annotated 22 times for cluster L2.

Info for manual annotations of cluster L3:

- Start number 66 was manually annotated 16 times for cluster L3.

Info for manual annotations of cluster L4:

- Start number 54 was manually annotated 3 times for cluster L4.

Info for manual annotations of cluster L5:

- Start number 42 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster M1:

- Start number 63 was manually annotated 13 times for cluster M1.

Info for manual annotations of cluster M2:

- Start number 62 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:

- Start number 62 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster O:

- Start number 59 was manually annotated 22 times for cluster O.

Info for manual annotations of cluster R:

- Start number 56 was manually annotated 8 times for cluster R.

Info for manual annotations of cluster U:

- Start number 55 was manually annotated 3 times for cluster U.

Info for manual annotations of cluster V:

- Start number 59 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster X:

- Start number 59 was manually annotated 1 time for cluster X.
- Start number 86 was manually annotated 1 time for cluster X.

Gene Information:

Gene: 20ES_11 Start: 6443, Stop: 7420, Start Num: 66

Candidate Starts for 20ES_11:

(Start: 66 @6443 has 361 MA's), (Start: 81 @6497 has 2 MA's), (168, 6686), (178, 6722), (182, 6734), (198, 6791), (211, 6827), (233, 6875), (241, 6914), (268, 6986), (270, 7001), (288, 7064), (302, 7106), (308, 7154), (314, 7181), (319, 7196), (323, 7214), (324, 7217), (341, 7256), (362, 7307), (389, 7406),

Gene: 39HC_042 Start: 40379, Stop: 41374, Start Num: 66

Candidate Starts for 39HC_042:

(Start: 66 @40379 has 361 MA's), (74, 40409), (Start: 80 @40430 has 1 MA's), (Start: 81 @40433 has 2 MA's), (115, 40520), (132, 40568), (158, 40601), (178, 40670), (197, 40733), (198, 40739), (211, 40775), (234, 40823), (270, 40934), (300, 41021), (301, 41024), (317, 41084), (320, 41096), (323, 41108), (325, 41114), (368, 41219), (411, 41351),

Gene: 40AC_14 Start: 8493, Stop: 9470, Start Num: 66

Candidate Starts for 40AC_14:

(Start: 66 @8493 has 361 MA's), (Start: 81 @8547 has 2 MA's), (168, 8736), (182, 8784), (198, 8841), (233, 8925), (241, 8964), (261, 9012), (267, 9033), (270, 9051), (288, 9114), (302, 9156), (308, 9204), (314, 9231), (319, 9246), (324, 9267), (341, 9306), (362, 9357), (379, 9426),

Gene: 40BC_042 Start: 40379, Stop: 41374, Start Num: 66

Candidate Starts for 40BC_042:

(Start: 66 @40379 has 361 MA's), (74, 40409), (Start: 80 @40430 has 1 MA's), (Start: 81 @40433 has 2 MA's), (115, 40520), (132, 40568), (158, 40601), (178, 40670), (197, 40733), (198, 40739), (211, 40775), (234, 40823), (270, 40934), (300, 41021), (301, 41024), (317, 41084), (320, 41096), (323, 41108), (325, 41114), (368, 41219), (411, 41351),

Gene: A6_08 Start: 5593, Stop: 6561, Start Num: 66

Candidate Starts for A6_08:

(Start: 66 @5593 has 361 MA's), (Start: 75 @5626 has 5 MA's), (Start: 80 @5644 has 1 MA's), (Start: 81 @5647 has 2 MA's), (160, 5836), (184, 5914), (189, 5932), (198, 5965), (201, 5977), (233, 6052), (252, 6115), (261, 6139), (270, 6178), (276, 6196), (297, 6259), (317, 6340), (323, 6364), (324, 6367), (325, 6370), (330, 6379), (365, 6466), (370, 6490), (378, 6511), (393, 6553),

Gene: ACFishhook_12 Start: 6114, Stop: 7079, Start Num: 60

Candidate Starts for ACFishhook_12:

(Start: 60 @6114 has 92 MA's), (Start: 81 @6180 has 2 MA's), (102, 6234), (128, 6312), (182, 6435), (198, 6492), (233, 6564), (241, 6603), (250, 6621), (270, 6690), (303, 6807), (308, 6834), (324, 6897), (362, 6987), (364, 6993),

Gene: AFIS_10 Start: 5930, Stop: 6898, Start Num: 66

Candidate Starts for AFIS_10:

(Start: 66 @5930 has 361 MA's), (Start: 75 @5963 has 5 MA's), (Start: 80 @5981 has 1 MA's), (Start: 81 @5984 has 2 MA's), (184, 6251), (198, 6302), (201, 6314), (233, 6389), (252, 6452), (258, 6464), (264, 6485), (267, 6497), (270, 6515), (276, 6533), (282, 6557), (297, 6596), (317, 6677), (323, 6701), (324, 6704), (325, 6707), (330, 6716), (365, 6803), (393, 6890),

Gene: AN3_11 Start: 6428, Stop: 7405, Start Num: 66

Candidate Starts for AN3_11:

(13, 5960), (Start: 66 @6428 has 361 MA's), (Start: 81 @6482 has 2 MA's), (168, 6671), (178, 6707), (182, 6719), (198, 6776), (211, 6812), (233, 6860), (241, 6899), (261, 6947), (266, 6965), (268, 6971), (270, 6986), (288, 7049), (302, 7091), (308, 7139), (314, 7166), (319, 7181), (323, 7199), (324, 7202), (341, 7241), (362, 7292),

Gene: AN9_14 Start: 6596, Stop: 7345, Start Num: 143

Candidate Starts for AN9_14:

(Start: 143 @6596 has 16 MA's), (158, 6602), (199, 6743), (233, 6830), (236, 6854), (238, 6860), (250, 6887), (267, 6938), (270, 6956), (308, 7100), (324, 7163), (344, 7211), (345, 7214), (360, 7244), (362, 7253),

Gene: ANI8_14 Start: 6596, Stop: 7345, Start Num: 143

Candidate Starts for ANI8_14:

(Start: 143 @6596 has 16 MA's), (158, 6602), (199, 6743), (233, 6830), (236, 6854), (238, 6860), (250, 6887), (267, 6938), (270, 6956), (308, 7100), (324, 7163), (344, 7211), (345, 7214), (360, 7244), (362, 7253),

Gene: AbbyPaige_13 Start: 6873, Stop: 7865, Start Num: 66

Candidate Starts for AbbyPaige_13:

(Start: 66 @6873 has 361 MA's), (Start: 80 @6924 has 1 MA's), (Start: 81 @6927 has 2 MA's), (158, 7095), (160, 7101), (168, 7128), (185, 7188), (198, 7233), (233, 7320), (245, 7365), (264, 7404), (277, 7452), (306, 7533), (316, 7575), (354, 7662), (388, 7776),

Gene: AbbysRanger_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for AbbysRanger_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (162, 6121), (182, 6190), (198, 6247), (201, 6259), (213, 6289), (224, 6310), (234, 6331), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: Abbysshoes_11 Start: 6019, Stop: 6987, Start Num: 66

Candidate Starts for Abbysshoes_11:

(Start: 66 @6019 has 361 MA's), (Start: 75 @6052 has 5 MA's), (Start: 80 @6070 has 1 MA's), (Start: 81 @6073 has 2 MA's), (184, 6340), (198, 6391), (201, 6403), (233, 6478), (252, 6541), (258, 6553), (264, 6574), (267, 6586), (270, 6604), (276, 6622), (282, 6646), (297, 6685), (317, 6766), (323, 6790), (324, 6793), (325, 6796), (330, 6805), (365, 6892), (378, 6937), (393, 6979),

Gene: Abdiel_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Abdiel_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Abinghost_47 Start: 41532, Stop: 42590, Start Num: 50

Candidate Starts for Abinghost_47:

(Start: 50 @41532 has 44 MA's), (72, 41595), (94, 41676), (117, 41736), (120, 41751), (124, 41763), (135, 41790), (167, 41847), (170, 41856), (217, 42003), (223, 42018), (236, 42072), (251, 42105), (265, 42144), (268, 42156), (289, 42237), (297, 42255), (298, 42258), (308, 42303), (344, 42414), (382, 42525), (389, 42546), (402, 42579),

Gene: Abrogate_110 Start: 6675, Stop: 7643, Start Num: 66

Candidate Starts for Abrogate_110:

(Start: 66 @6675 has 361 MA's), (Start: 75 @6708 has 5 MA's), (Start: 80 @6726 has 1 MA's), (Start: 81 @6729 has 2 MA's), (184, 6996), (198, 7047), (201, 7059), (233, 7134), (252, 7197), (258, 7209), (264, 7230), (267, 7242), (270, 7260), (276, 7278), (282, 7302), (297, 7341), (317, 7422), (323, 7446), (324, 7449), (325, 7452), (330, 7461), (365, 7548), (393, 7635),

Gene: Achebe_10 Start: 5878, Stop: 6858, Start Num: 68

Candidate Starts for Achebe_10:

(36, 5818), (41, 5836), (Start: 68 @5878 has 108 MA's), (Start: 70 @5881 has 14 MA's), (74, 5905), (Start: 80 @5926 has 1 MA's), (Start: 81 @5929 has 2 MA's), (182, 6178), (197, 6229), (198, 6235), (201, 6247), (213, 6277), (234, 6319), (248, 6367), (265, 6397), (270, 6424), (317, 6574), (366, 6697), (368, 6709), (370, 6718), (392, 6775), (413, 6850),

Gene: Acme_11 Start: 5864, Stop: 6832, Start Num: 66

Candidate Starts for Acme_11:

(Start: 66 @5864 has 361 MA's), (Start: 75 @5897 has 5 MA's), (Start: 80 @5915 has 1 MA's), (Start: 81 @5918 has 2 MA's), (184, 6185), (198, 6236), (201, 6248), (233, 6323), (252, 6386), (258, 6398), (264, 6419), (267, 6431), (270, 6449), (276, 6467), (282, 6491), (297, 6530), (317, 6611), (323, 6635), (324, 6638), (325, 6641), (330, 6650), (365, 6737), (393, 6824),

Gene: Acolyte_11 Start: 6523, Stop: 7593, Start Num: 66

Candidate Starts for Acolyte_11:

(45, 6463), (Start: 66 @6523 has 361 MA's), (Start: 75 @6556 has 5 MA's), (Start: 80 @6574 has 1 MA's), (Start: 81 @6577 has 2 MA's), (111, 6658), (158, 6775), (177, 6838), (185, 6865), (198, 6907), (211, 6943), (216, 6958), (235, 7027), (237, 7039), (239, 7045), (245, 7057), (263, 7096), (265, 7102), (309, 7249), (327, 7315), (331, 7324), (370, 7453), (371, 7456),

Gene: Acquire49_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Acquire49_26:

(Start: 54 @25547 has 27 MA's), (103, 25700), (104, 25703), (115, 25727), (118, 25739), (122, 25757), (129, 25775), (136, 25793), (139, 25799), (144, 25808), (156, 25823), (161, 25838), (182, 25910), (198, 25967), (212, 26006), (238, 26084), (241, 26093), (243, 26096), (250, 26111), (266, 26165), (270, 26186), (274, 26201), (301, 26285), (308, 26315), (324, 26384), (330, 26396), (341, 26420), (347, 26438), (351, 26441), (356, 26453), (358, 26456), (366, 26486), (368, 26498),

Gene: Adahisdi_11 Start: 6258, Stop: 7226, Start Num: 66

Candidate Starts for Adahisdi_11:

(Start: 66 @6258 has 361 MA's), (Start: 75 @6291 has 5 MA's), (Start: 80 @6309 has 1 MA's), (Start: 81 @6312 has 2 MA's), (184, 6579), (198, 6630), (201, 6642), (233, 6717), (252, 6780), (264, 6813), (267, 6825), (270, 6843), (276, 6861), (297, 6924), (317, 7005), (323, 7029), (324, 7032), (325, 7035), (330, 7044), (365, 7131), (378, 7176), (393, 7218),

Gene: Ading_255 Start: 146639, Stop: 147667, Start Num: 56

Candidate Starts for Ading_255:

(Start: 56 @146639 has 172 MA's), (Start: 66 @146669 has 361 MA's), (71, 146681), (Start: 81 @146723 has 2 MA's), (98, 146786), (105, 146807), (Start: 134 @146891 has 1 MA's), (160, 146933), (164, 146945), (168, 146960), (189, 147029), (198, 147056), (218, 147110), (231, 147155), (232, 147158), (257, 147236), (264, 147257), (297, 147368), (319, 147458), (323, 147476), (356, 147548), (366, 147581),

Gene: Adlitam_252 Start: 144794, Stop: 145822, Start Num: 56

Candidate Starts for Adlitam_252:

(Start: 56 @144794 has 172 MA's), (Start: 66 @144824 has 361 MA's), (71, 144836), (Start: 81 @144878 has 2 MA's), (98, 144941), (105, 144962), (Start: 134 @145046 has 1 MA's), (160, 145088), (164, 145100), (168, 145115), (189, 145184), (198, 145211), (218, 145265), (231, 145310), (232, 145313), (257, 145391), (264, 145412), (297, 145523), (319, 145613), (323, 145631), (356, 145703), (366, 145736),

Gene: Aegeus_29 Start: 25621, Stop: 26718, Start Num: 42

Candidate Starts for Aegeus_29:

(Start: 42 @25621 has 2 MA's), (51, 25648), (Start: 66 @25693 has 361 MA's), (85, 25756), (127, 25852), (131, 25861), (160, 25915), (172, 25954), (197, 26035), (198, 26041), (214, 26086), (216, 26092), (235, 26155), (239, 26173), (241, 26179), (245, 26185), (265, 26230), (270, 26257), (309, 26374), (313, 26398), (327, 26449), (336, 26470), (341, 26488), (367, 26575), (375, 26599), (404, 26680), (410, 26707),

Gene: Aeneas_12 Start: 6353, Stop: 7321, Start Num: 66

Candidate Starts for Aeneas_12:

(Start: 66 @6353 has 361 MA's), (Start: 75 @6386 has 5 MA's), (Start: 80 @6404 has 1 MA's), (Start: 81 @6407 has 2 MA's), (184, 6674), (198, 6725), (201, 6737), (233, 6812), (252, 6875), (258, 6887), (264, 6908), (267, 6920), (270, 6938), (276, 6956), (282, 6980), (297, 7019), (317, 7100), (323, 7124), (324, 7127), (325, 7130), (330, 7139), (365, 7226), (393, 7313),

Gene: Agaliana_10 Start: 6067, Stop: 7035, Start Num: 66

Candidate Starts for Agaliana_10:

(Start: 66 @6067 has 361 MA's), (Start: 75 @6100 has 5 MA's), (Start: 80 @6118 has 1 MA's), (Start: 81 @6121 has 2 MA's), (184, 6388), (198, 6439), (201, 6451), (233, 6526), (252, 6589), (264, 6622), (267, 6634), (270, 6652), (276, 6670), (297, 6733), (317, 6814), (323, 6838), (324, 6841), (325, 6844), (330, 6853), (365, 6940), (378, 6985), (393, 7027),

Gene: Agape74_13 Start: 6873, Stop: 7865, Start Num: 66

Candidate Starts for Agape74_13:

(Start: 66 @6873 has 361 MA's), (Start: 80 @6924 has 1 MA's), (Start: 81 @6927 has 2 MA's), (158, 7095), (160, 7101), (168, 7128), (185, 7188), (198, 7233), (233, 7320), (245, 7365), (264, 7404), (277, 7452), (306, 7533), (316, 7575), (354, 7662), (388, 7776),

Gene: Aglet_12 Start: 5963, Stop: 6928, Start Num: 60

Candidate Starts for Aglet_12:

(Start: 60 @5963 has 92 MA's), (Start: 75 @6008 has 5 MA's), (Start: 81 @6029 has 2 MA's), (123, 6149), (182, 6287), (198, 6344), (203, 6359), (236, 6440), (241, 6455), (250, 6473), (267, 6524), (270, 6542), (283, 6587), (308, 6683), (324, 6746), (341, 6785), (362, 6836),

Gene: AgronaGT15_12 Start: 5870, Stop: 6835, Start Num: 60

Candidate Starts for AgronaGT15_12:

(Start: 60 @5870 has 92 MA's), (Start: 75 @5915 has 5 MA's), (Start: 81 @5936 has 2 MA's), (123, 6056), (182, 6194), (198, 6251), (203, 6266), (236, 6347), (241, 6362), (250, 6380), (267, 6431), (270, 6449), (283, 6494), (308, 6590), (324, 6653), (341, 6692), (362, 6743),

Gene: Aikoy_46 Start: 36375, Stop: 37256, Start Num: 96

Candidate Starts for Aikoy_46:

(Start: 96 @36375 has 3 MA's), (133, 36471), (138, 36477), (172, 36561), (175, 36573), (207, 36675), (236, 36753), (245, 36774), (285, 36897), (300, 36936), (311, 36981), (333, 37050), (350, 37101), (355, 37110), (359, 37119), (374, 37179), (385, 37215),

Gene: Ajay_10 Start: 6063, Stop: 7031, Start Num: 66

Candidate Starts for Ajay_10:

(Start: 66 @6063 has 361 MA's), (Start: 75 @6096 has 5 MA's), (Start: 80 @6114 has 1 MA's), (Start: 81 @6117 has 2 MA's), (184, 6384), (198, 6435), (201, 6447), (233, 6522), (252, 6585), (264, 6618), (267, 6630), (270, 6648), (276, 6666), (297, 6729), (317, 6810), (323, 6834), (324, 6837), (325, 6840), (330, 6849), (365, 6936), (378, 6981), (393, 7023),

Gene: Akhila_25 Start: 23599, Stop: 24597, Start Num: 59

Candidate Starts for Akhila_25:

(Start: 59 @23599 has 240 MA's), (Start: 81 @23674 has 2 MA's), (98, 23734), (105, 23755), (Start: 134 @23839 has 1 MA's), (164, 23890), (168, 23905), (198, 24001), (233, 24088), (236, 24112), (245, 24133), (260, 24172), (264, 24184), (276, 24232), (283, 24259), (292, 24283), (297, 24298), (323, 24406), (344, 24454), (368, 24523), (378, 24553),

Gene: Akoma_47 Start: 41537, Stop: 42601, Start Num: 50

Candidate Starts for Akoma_47:

(Start: 50 @41537 has 44 MA's), (72, 41600), (94, 41681), (117, 41747), (120, 41762), (124, 41774), (135, 41801), (167, 41858), (170, 41867), (217, 42014), (223, 42029), (236, 42083), (251, 42116), (265, 42155), (268, 42167), (289, 42248), (297, 42266), (298, 42269), (308, 42314), (344, 42425), (382, 42536), (389, 42557), (402, 42590),

Gene: Albee_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Albee_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Alberto7_11 Start: 6186, Stop: 7166, Start Num: 68

Candidate Starts for Alberto7_11:

(Start: 68 @6186 has 108 MA's), (Start: 70 @6189 has 14 MA's), (74, 6213), (Start: 80 @6234 has 1 MA's), (Start: 81 @6237 has 2 MA's), (182, 6486), (198, 6543), (234, 6627), (236, 6648), (248, 6675), (265, 6705), (270, 6732), (317, 6882), (363, 6993), (366, 7005), (368, 7017), (392, 7083),

Gene: Alexphander_34 Start: 28281, Stop: 29282, Start Num: 59

Candidate Starts for Alexphander_34:

(2, 27660), (6, 27738), (8, 27801), (11, 27840), (16, 27972), (19, 27993), (23, 28029), (34, 28182), (49, 28254), (Start: 59 @28281 has 240 MA's), (Start: 81 @28356 has 2 MA's), (88, 28389), (98, 28419), (105, 28440), (Start: 134 @28524 has 1 MA's), (150, 28548), (160, 28563), (164, 28575), (198, 28686), (237, 28800), (245, 28818), (260, 28857), (267, 28881), (276, 28917), (283, 28944), (297, 28983), (308, 29031), (323, 29091), (344, 29139), (351, 29151), (365, 29193), (366, 29196), (368, 29208), (378, 29238),

Gene: Alice_238 Start: 141870, Stop: 142898, Start Num: 56

Candidate Starts for Alice_238:

(Start: 56 @141870 has 172 MA's), (Start: 66 @141900 has 361 MA's), (Start: 81 @141954 has 2 MA's), (98, 142017), (105, 142038), (Start: 134 @142122 has 1 MA's), (160, 142164), (164, 142176), (168, 142191), (189, 142260), (198, 142287), (218, 142341), (231, 142386), (232, 142389), (257, 142467), (264, 142488), (297, 142599), (319, 142689), (323, 142707), (356, 142779), (366, 142812),

Gene: Alkhayr_65 Start: 43133, Stop: 44173, Start Num: 59

Candidate Starts for Alkhayr_65:

(Start: 59 @43133 has 240 MA's), (Start: 81 @43208 has 2 MA's), (98, 43289), (Start: 100 @43295 has 1 MA's), (105, 43310), (132, 43391), (Start: 134 @43394 has 1 MA's), (164, 43448), (168, 43463), (198, 43559), (212, 43598), (220, 43628), (231, 43658), (232, 43661), (238, 43694), (264, 43760), (273, 43799), (276, 43808), (283, 43835), (297, 43874), (355, 44048), (368, 44099),

Gene: AlpineSix_32 Start: 27729, Stop: 28730, Start Num: 59

Candidate Starts for AlpineSix_32:

(2, 27108), (6, 27186), (8, 27249), (11, 27288), (16, 27420), (19, 27441), (23, 27477), (34, 27630), (Start: 59 @27729 has 240 MA's), (Start: 66 @27750 has 361 MA's), (71, 27762), (Start: 81 @27804 has 2 MA's), (88, 27837), (98, 27867), (105, 27888), (Start: 134 @27972 has 1 MA's), (150, 27996), (160, 28011), (164, 28023), (198, 28134), (237, 28248), (245, 28266), (260, 28305), (267, 28329), (276, 28365), (283, 28392), (297, 28431), (323, 28539), (344, 28587), (351, 28599), (365, 28641), (366, 28644), (368, 28656), (378, 28686),

Gene: Alsfro_14 Start: 6806, Stop: 7774, Start Num: 66

Candidate Starts for Alsfro_14:

(Start: 66 @6806 has 361 MA's), (Start: 75 @6839 has 5 MA's), (Start: 80 @6857 has 1 MA's), (Start: 81 @6860 has 2 MA's), (184, 7127), (198, 7178), (201, 7190), (233, 7265), (252, 7328), (261, 7352),

(270, 7391), (276, 7409), (297, 7472), (317, 7553), (323, 7577), (324, 7580), (325, 7583), (330, 7592), (365, 7679), (378, 7724), (393, 7766),

Gene: Altman_11 Start: 6601, Stop: 7569, Start Num: 66

Candidate Starts for Altman_11:

(Start: 66 @6601 has 361 MA's), (Start: 75 @6634 has 5 MA's), (Start: 80 @6652 has 1 MA's), (Start: 81 @6655 has 2 MA's), (184, 6922), (198, 6973), (201, 6985), (233, 7060), (252, 7123), (264, 7156), (267, 7168), (270, 7186), (276, 7204), (282, 7228), (297, 7267), (317, 7348), (323, 7372), (324, 7375), (325, 7378), (330, 7387), (365, 7474), (393, 7561),

Gene: Alvin_11 Start: 6274, Stop: 7242, Start Num: 66

Candidate Starts for Alvin_11:

(Start: 66 @6274 has 361 MA's), (Start: 75 @6307 has 5 MA's), (Start: 80 @6325 has 1 MA's), (Start: 81 @6328 has 2 MA's), (184, 6595), (198, 6646), (201, 6658), (233, 6733), (252, 6796), (258, 6808), (264, 6829), (267, 6841), (270, 6859), (276, 6877), (282, 6901), (297, 6940), (317, 7021), (323, 7045), (324, 7048), (325, 7051), (330, 7060), (365, 7147), (378, 7192), (393, 7234),

Gene: Amataga_253 Start: 143793, Stop: 144821, Start Num: 56

Candidate Starts for Amataga_253:

(Start: 56 @143793 has 172 MA's), (Start: 66 @143823 has 361 MA's), (71, 143835), (Start: 81 @143877 has 2 MA's), (98, 143940), (105, 143961), (Start: 134 @144045 has 1 MA's), (160, 144087), (164, 144099), (168, 144114), (189, 144183), (198, 144210), (218, 144264), (231, 144309), (232, 144312), (257, 144390), (264, 144411), (297, 144522), (319, 144612), (323, 144630), (356, 144702), (366, 144735),

Gene: Aminay_31 Start: 27639, Stop: 28646, Start Num: 59

Candidate Starts for Aminay_31:

(Start: 59 @27639 has 240 MA's), (Start: 81 @27714 has 2 MA's), (84, 27723), (98, 27777), (102, 27789), (105, 27798), (Start: 134 @27879 has 1 MA's), (160, 27921), (164, 27933), (168, 27948), (198, 28044), (249, 28185), (261, 28218), (270, 28257), (282, 28299), (290, 28323), (297, 28338), (330, 28461), (345, 28497), (365, 28548), (367, 28560), (378, 28593), (398, 28641),

Gene: Anglerfish_10 Start: 5635, Stop: 6603, Start Num: 66

Candidate Starts for Anglerfish_10:

(Start: 66 @5635 has 361 MA's), (Start: 75 @5668 has 5 MA's), (Start: 80 @5686 has 1 MA's), (Start: 81 @5689 has 2 MA's), (184, 5956), (198, 6007), (201, 6019), (233, 6094), (252, 6157), (258, 6169), (264, 6190), (267, 6202), (270, 6220), (276, 6238), (282, 6262), (297, 6301), (317, 6382), (323, 6406), (324, 6409), (325, 6412), (330, 6421), (365, 6508), (393, 6595),

Gene: AnnaL29_14 Start: 8319, Stop: 9296, Start Num: 66

Candidate Starts for AnnaL29_14:

(49, 8274), (Start: 66 @8319 has 361 MA's), (Start: 81 @8373 has 2 MA's), (168, 8562), (178, 8598), (182, 8610), (198, 8667), (211, 8703), (233, 8751), (241, 8790), (267, 8859), (270, 8877), (283, 8922), (288, 8940), (302, 8982), (308, 9030), (314, 9057), (319, 9072), (324, 9093), (340, 9129), (341, 9132), (360, 9174), (362, 9183),

Gene: Annyong_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Annyong_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (224, 6302), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: Anselm_11 Start: 6531, Stop: 7523, Start Num: 66

Candidate Starts for Anselm_11:

(Start: 59 @6510 has 240 MA's), (Start: 66 @6531 has 361 MA's), (Start: 75 @6564 has 5 MA's), (Start: 80 @6582 has 1 MA's), (Start: 81 @6585 has 2 MA's), (91, 6618), (Start: 100 @6633 has 1 MA's), (158, 6753), (160, 6759), (168, 6786), (185, 6846), (198, 6891), (245, 7023), (264, 7062), (277, 7110), (306, 7191), (316, 7233), (354, 7320), (366, 7356), (371, 7380), (384, 7422), (388, 7434), (412, 7509),

Gene: Anubis_14 Start: 5848, Stop: 6813, Start Num: 60

Candidate Starts for Anubis_14:

(Start: 60 @5848 has 92 MA's), (Start: 63 @5860 has 13 MA's), (Start: 75 @5893 has 5 MA's), (Start: 81 @5914 has 2 MA's), (168, 6124), (198, 6229), (236, 6325), (241, 6340), (250, 6358), (266, 6406), (267, 6409), (268, 6412), (270, 6427), (298, 6511), (308, 6568), (324, 6631), (341, 6670), (389, 6802),

Gene: Applejack_10 Start: 6055, Stop: 6969, Start Num: 81

Candidate Starts for Applejack_10:

(Start: 66 @6001 has 361 MA's), (Start: 75 @6034 has 5 MA's), (Start: 80 @6052 has 1 MA's), (Start: 81 @6055 has 2 MA's), (184, 6322), (198, 6373), (201, 6385), (233, 6460), (252, 6523), (264, 6556), (267, 6568), (270, 6586), (276, 6604), (282, 6628), (297, 6667), (317, 6748), (323, 6772), (324, 6775), (325, 6778), (330, 6787), (365, 6874), (393, 6961),

Gene: Appletree2_26 Start: 25490, Stop: 26521, Start Num: 54

Candidate Starts for Appletree2_26:

(Start: 54 @25490 has 27 MA's), (104, 25646), (115, 25670), (118, 25682), (122, 25700), (129, 25718), (136, 25736), (139, 25742), (144, 25751), (156, 25766), (161, 25781), (174, 25829), (182, 25853), (198, 25910), (212, 25949), (238, 26027), (241, 26036), (243, 26039), (250, 26054), (266, 26108), (270, 26129), (274, 26144), (301, 26228), (308, 26258), (324, 26327), (330, 26339), (341, 26363), (347, 26381), (351, 26384), (356, 26396), (358, 26399), (366, 26429), (368, 26441),

Gene: Arcanine_10 Start: 5601, Stop: 6569, Start Num: 66

Candidate Starts for Arcanine_10:

(Start: 66 @5601 has 361 MA's), (Start: 75 @5634 has 5 MA's), (Start: 80 @5652 has 1 MA's), (Start: 81 @5655 has 2 MA's), (184, 5922), (198, 5973), (201, 5985), (233, 6060), (252, 6123), (258, 6135), (264, 6156), (267, 6168), (270, 6186), (276, 6204), (282, 6228), (297, 6267), (317, 6348), (323, 6372), (324, 6375), (325, 6378), (330, 6387), (365, 6474), (393, 6561),

Gene: ArcherNM_13 Start: 8227, Stop: 9204, Start Num: 66

Candidate Starts for ArcherNM_13:

(Start: 66 @8227 has 361 MA's), (Start: 81 @8281 has 2 MA's), (97, 8320), (168, 8470), (178, 8506), (182, 8518), (198, 8575), (211, 8611), (233, 8659), (241, 8698), (267, 8767), (270, 8785), (288, 8848), (302, 8890), (308, 8938), (314, 8965), (319, 8980), (324, 9001), (340, 9037), (360, 9082), (362, 9091), (367, 9115),

Gene: ArcherS7_253 Start: 145538, Stop: 146566, Start Num: 56

Candidate Starts for ArcherS7_253:

(Start: 56 @145538 has 172 MA's), (Start: 66 @145568 has 361 MA's), (71, 145580), (Start: 81 @145622 has 2 MA's), (98, 145685), (105, 145706), (Start: 134 @145790 has 1 MA's), (160, 145832), (164, 145844), (168, 145859), (189, 145928), (198, 145955), (218, 146009), (231, 146054), (232, 146057), (257, 146135), (264, 146156), (297, 146267), (319, 146357), (323, 146375), (356, 146447), (366, 146480),

Gene: Archie_28 Start: 26734, Stop: 27762, Start Num: 54

Candidate Starts for Archie_28:

(Start: 54 @26734 has 27 MA's), (Start: 100 @26878 has 1 MA's), (102, 26884), (147, 26998), (153, 27004), (160, 27022), (182, 27097), (198, 27154), (236, 27265), (238, 27271), (241, 27280), (243, 27283), (250, 27298), (270, 27373), (308, 27502), (312, 27529), (320, 27556), (324, 27571), (330, 27583), (360, 27649), (368, 27685),

Gene: ArcusAngelus_31 Start: 28050, Stop: 29066, Start Num: 59

Candidate Starts for ArcusAngelus_31:

(25, 27819), (26, 27822), (28, 27870), (43, 28005), (46, 28014), (Start: 59 @28050 has 240 MA's), (93, 28182), (98, 28203), (105, 28224), (117, 28254), (119, 28266), (Start: 134 @28308 has 1 MA's), (164, 28359), (198, 28470), (237, 28584), (245, 28602), (260, 28641), (267, 28665), (276, 28701), (283, 28728), (297, 28767), (323, 28875), (344, 28923), (351, 28935), (366, 28980), (368, 28992), (378, 29022),

Gene: Ardmore_30 Start: 27516, Stop: 28514, Start Num: 59

Candidate Starts for Ardmore_30:

(Start: 59 @27516 has 240 MA's), (Start: 81 @27591 has 2 MA's), (98, 27651), (105, 27672), (Start: 134 @27756 has 1 MA's), (164, 27807), (168, 27822), (198, 27918), (236, 28029), (245, 28050), (260, 28089), (264, 28101), (276, 28149), (283, 28176), (292, 28200), (297, 28215), (323, 28323), (344, 28371), (368, 28440), (378, 28470),

Gene: Ariel_48 Start: 38682, Stop: 39686, Start Num: 66

Candidate Starts for Ariel_48:

(Start: 66 @38682 has 361 MA's), (Start: 81 @38736 has 2 MA's), (Start: 100 @38787 has 1 MA's), (124, 38859), (164, 38934), (198, 39048), (201, 39060), (214, 39093), (237, 39162), (241, 39174), (247, 39186), (249, 39189), (267, 39234), (270, 39252), (318, 39414), (321, 39429), (324, 39438), (401, 39639),

Gene: Arlo_9 Start: 5626, Stop: 6594, Start Num: 66

Candidate Starts for Arlo_9:

(Start: 66 @5626 has 361 MA's), (Start: 75 @5659 has 5 MA's), (Start: 80 @5677 has 1 MA's), (Start: 81 @5680 has 2 MA's), (184, 5947), (198, 5998), (201, 6010), (233, 6085), (252, 6148), (258, 6160), (264, 6181), (267, 6193), (270, 6211), (276, 6229), (282, 6253), (297, 6292), (317, 6373), (323, 6397), (324, 6400), (325, 6403), (330, 6412), (365, 6499), (370, 6523), (378, 6544), (393, 6586),

Gene: Arturo_9 Start: 5992, Stop: 6972, Start Num: 68

Candidate Starts for Arturo_9:

(Start: 68 @5992 has 108 MA's), (Start: 70 @5995 has 14 MA's), (74, 6019), (Start: 80 @6040 has 1 MA's), (Start: 81 @6043 has 2 MA's), (182, 6292), (198, 6349), (224, 6412), (234, 6433), (236, 6454), (248, 6481), (265, 6511), (270, 6538), (317, 6688), (366, 6811), (368, 6823), (392, 6889),

Gene: Ashballer_8 Start: 5504, Stop: 6472, Start Num: 66

Candidate Starts for Ashballer_8:

(Start: 66 @5504 has 361 MA's), (Start: 75 @5537 has 5 MA's), (Start: 80 @5555 has 1 MA's), (Start: 81 @5558 has 2 MA's), (184, 5825), (198, 5876), (201, 5888), (233, 5963), (252, 6026), (258, 6038), (264, 6059), (267, 6071), (270, 6089), (276, 6107), (282, 6131), (297, 6170), (317, 6251), (323, 6275), (324, 6278), (325, 6281), (330, 6290), (365, 6377), (393, 6464),

Gene: Ashwin_68 Start: 43903, Stop: 44943, Start Num: 59

Candidate Starts for Ashwin_68:

(Start: 59 @43903 has 240 MA's), (Start: 81 @43978 has 2 MA's), (98, 44059), (Start: 100 @44065 has 1 MA's), (105, 44080), (132, 44161), (Start: 134 @44164 has 1 MA's), (164, 44218), (168, 44233), (198, 44329), (212, 44368), (220, 44398), (231, 44428), (232, 44431), (238, 44464), (264, 44530), (273, 44569), (276, 44578), (283, 44605), (297, 44644), (355, 44818), (368, 44869),

Gene: Asterius_249 Start: 144651, Stop: 145679, Start Num: 56

Candidate Starts for Asterius_249:

(Start: 56 @144651 has 172 MA's), (Start: 66 @144681 has 361 MA's), (71, 144693), (Start: 81 @144735 has 2 MA's), (98, 144798), (105, 144819), (Start: 134 @144903 has 1 MA's), (160, 144945), (164, 144957), (168, 144972), (189, 145041), (198, 145068), (218, 145122), (231, 145167), (232, 145170), (257, 145248), (264, 145269), (297, 145380), (319, 145470), (323, 145488), (356, 145560), (366, 145593),

Gene: Astraea_248 Start: 143846, Stop: 144874, Start Num: 56

Candidate Starts for Astraea_248:

(Start: 56 @143846 has 172 MA's), (Start: 66 @143876 has 361 MA's), (71, 143888), (Start: 81 @143930 has 2 MA's), (98, 143993), (105, 144014), (Start: 134 @144098 has 1 MA's), (160, 144140), (164, 144152), (168, 144167), (189, 144236), (198, 144263), (218, 144317), (231, 144362), (232, 144365), (257, 144443), (264, 144464), (297, 144575), (319, 144665), (323, 144683), (356, 144755), (366, 144788),

Gene: Athena_48 Start: 42284, Stop: 43348, Start Num: 50

Candidate Starts for Athena_48:

(Start: 50 @42284 has 44 MA's), (72, 42347), (94, 42428), (117, 42494), (120, 42509), (124, 42521), (135, 42548), (167, 42605), (170, 42614), (217, 42761), (223, 42776), (236, 42830), (251, 42863), (265, 42902), (268, 42914), (289, 42995), (297, 43013), (298, 43016), (344, 43172), (382, 43283), (389, 43304), (402, 43337),

Gene: Atkinbua_10 Start: 5646, Stop: 6614, Start Num: 66

Candidate Starts for Atkinbua_10:

(Start: 66 @5646 has 361 MA's), (Start: 75 @5679 has 5 MA's), (Start: 80 @5697 has 1 MA's), (Start: 81 @5700 has 2 MA's), (184, 5967), (198, 6018), (201, 6030), (233, 6105), (264, 6201), (270, 6231), (276, 6249), (282, 6273), (297, 6312), (317, 6393), (323, 6417), (324, 6420), (325, 6423), (330, 6432), (365, 6519), (393, 6606),

Gene: Atlantean_252 Start: 143793, Stop: 144821, Start Num: 56

Candidate Starts for Atlantean_252:

(Start: 56 @143793 has 172 MA's), (Start: 66 @143823 has 361 MA's), (71, 143835), (Start: 81 @143877 has 2 MA's), (98, 143940), (105, 143961), (Start: 134 @144045 has 1 MA's), (160, 144087), (164, 144099), (168, 144114), (189, 144183), (198, 144210), (218, 144264), (231, 144309), (232, 144312), (257, 144390), (264, 144411), (297, 144522), (319, 144612), (323, 144630), (356, 144702), (366, 144735),

Gene: Aubs_32 Start: 27847, Stop: 28848, Start Num: 59

Candidate Starts for Aubs_32:

(Start: 59 @27847 has 240 MA's), (Start: 81 @27922 has 2 MA's), (88, 27955), (98, 27985), (105, 28006), (Start: 134 @28090 has 1 MA's), (164, 28141), (168, 28156), (198, 28252), (236, 28363), (245, 28384), (260, 28423), (264, 28435), (276, 28483), (283, 28510), (292, 28534), (297, 28549), (323, 28657), (344, 28705), (368, 28774), (378, 28804),

Gene: Audrey_47 Start: 41532, Stop: 42596, Start Num: 50

Candidate Starts for Audrey_47:

(Start: 50 @41532 has 44 MA's), (72, 41595), (94, 41676), (117, 41742), (120, 41757), (124, 41769), (135, 41796), (167, 41853), (170, 41862), (217, 42009), (223, 42024), (236, 42078), (251, 42111), (265, 42150), (268, 42162), (289, 42243), (297, 42261), (298, 42264), (344, 42420), (382, 42531), (389, 42552), (402, 42585),

Gene: Audrick_255 Start: 143683, Stop: 144711, Start Num: 56

Candidate Starts for Audrick_255:

(Start: 56 @143683 has 172 MA's), (Start: 66 @143713 has 361 MA's), (71, 143725), (Start: 81 @143767 has 2 MA's), (98, 143830), (105, 143851), (Start: 134 @143935 has 1 MA's), (160, 143977), (164, 143989), (168, 144004), (189, 144073), (198, 144100), (218, 144154), (231, 144199), (232, 144202), (257, 144280), (264, 144301), (297, 144412), (319, 144502), (323, 144520), (356, 144592), (366, 144625),

Gene: AugsMagnumOpus_14 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for AugsMagnumOpus_14:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: Auspice_38 Start: 31794, Stop: 32765, Start Num: 63

Candidate Starts for Auspice_38:

(Start: 63 @31794 has 13 MA's), (72, 31818), (Start: 75 @31833 has 5 MA's), (129, 31971), (Start: 143 @31998 has 16 MA's), (159, 32016), (163, 32028), (166, 32037), (178, 32082), (182, 32094), (190, 32121), (198, 32148), (201, 32160), (221, 32205), (231, 32232), (237, 32262), (240, 32271), (241, 32274), (274, 32361), (279, 32376), (326, 32529), (331, 32532), (356, 32592), (361, 32604), (363, 32613), (371, 32649), (377, 32664), (392, 32703), (404, 32736),

Gene: Ava3_249 Start: 144253, Stop: 145281, Start Num: 56

Candidate Starts for Ava3_249:

(Start: 56 @144253 has 172 MA's), (Start: 66 @144283 has 361 MA's), (71, 144295), (Start: 81 @144337 has 2 MA's), (98, 144400), (105, 144421), (Start: 134 @144505 has 1 MA's), (160, 144547), (164, 144559), (168, 144574), (189, 144643), (198, 144670), (218, 144724), (231, 144769), (232, 144772), (257, 144850), (264, 144871), (297, 144982), (319, 145072), (323, 145090), (356, 145162), (366, 145195),

Gene: AvadaKedavra_26 Start: 25557, Stop: 26588, Start Num: 54

Candidate Starts for AvadaKedavra_26:

(Start: 54 @25557 has 27 MA's), (103, 25710), (104, 25713), (115, 25737), (118, 25749), (122, 25767), (129, 25785), (136, 25803), (139, 25809), (144, 25818), (161, 25848), (182, 25920), (198, 25977), (212, 26016), (238, 26094), (241, 26103), (243, 26106), (250, 26121), (266, 26175), (270, 26196), (274, 26211), (301, 26295), (308, 26325), (324, 26394), (330, 26406), (341, 26430), (347, 26448), (351, 26451), (356, 26463), (358, 26466), (366, 26496), (368, 26508),

Gene: Avani_36 Start: 26807, Stop: 27880, Start Num: 59

Candidate Starts for Avani_36:

(Start: 59 @26807 has 240 MA's), (Start: 70 @26834 has 14 MA's), (76, 26864), (102, 26957), (105, 26966), (108, 26975), (128, 27032), (Start: 157 @27077 has 2 MA's), (167, 27110), (170, 27119), (184, 27170), (195, 27212), (200, 27236), (202, 27245), (206, 27257), (217, 27287), (225, 27317), (226, 27320), (236, 27377), (237, 27380), (243, 27395), (249, 27407), (252, 27416), (261, 27440), (268, 27464), (289, 27545), (308, 27620), (345, 27731), (363, 27773), (364, 27776), (365, 27782), (368, 27797), (390, 27863),

Gene: AvatarAhPeg_10 Start: 5845, Stop: 6825, Start Num: 68

Candidate Starts for AvatarAhPeg_10:

(Start: 68 @5845 has 108 MA's), (74, 5872), (Start: 75 @5875 has 5 MA's), (Start: 80 @5893 has 1 MA's), (Start: 81 @5896 has 2 MA's), (182, 6145), (198, 6202), (201, 6214), (224, 6265), (234, 6286), (248, 6334), (270, 6391), (317, 6541), (366, 6664), (368, 6676), (392, 6742), (413, 6817),

Gene: Avle17_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Avle17_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Awesomesauce_32 Start: 27402, Stop: 28403, Start Num: 59

Candidate Starts for Awesomesauce_32:

(23, 27141), (34, 27303), (Start: 59 @27402 has 240 MA's), (Start: 81 @27477 has 2 MA's), (98, 27540), (105, 27561), (Start: 134 @27645 has 1 MA's), (150, 27669), (160, 27684), (164, 27696), (198, 27807), (237, 27921), (245, 27939), (260, 27978), (267, 28002), (276, 28038), (283, 28065), (297, 28104), (323, 28212), (344, 28260), (351, 28272), (368, 28329), (378, 28359),

Gene: Aziz_43 Start: 32938, Stop: 33918, Start Num: 62

Candidate Starts for Aziz_43:

(Start: 62 @32938 has 8 MA's), (72, 32965), (104, 33061), (116, 33088), (129, 33118), (163, 33175), (166, 33184), (198, 33295), (240, 33418), (241, 33421), (274, 33511), (279, 33526), (326, 33679), (331, 33682), (335, 33691), (341, 33703), (344, 33712), (353, 33733), (361, 33754), (382, 33829),

Gene: Azrael100_51 Start: 38380, Stop: 39345, Start Num: 59

Candidate Starts for Azrael100_51:

(Start: 59 @38380 has 240 MA's), (77, 38443), (99, 38503), (104, 38518), (105, 38521), (112, 38533), (114, 38539), (124, 38575), (125, 38578), (164, 38650), (168, 38665), (170, 38671), (189, 38734), (198, 38764), (209, 38797), (236, 38860), (237, 38863), (252, 38902), (264, 38935), (270, 38962), (273, 38971), (282, 39004), (320, 39139), (324, 39154), (344, 39199), (362, 39241), (368, 39268), (382, 39310),

Gene: B1_08 Start: 5376, Stop: 6116, Start Num: 152

Candidate Starts for B1_08:

(Start: 152 @5376 has 17 MA's), (182, 5463), (198, 5520), (201, 5532), (203, 5535), (212, 5559), (221, 5574), (236, 5622), (238, 5628), (250, 5655), (270, 5724), (293, 5796), (303, 5838), (308, 5865), (314, 5892), (323, 5925), (324, 5928), (341, 5967), (363, 6021), (395, 6108),

Gene: BAKA_53 Start: 42677, Stop: 43549, Start Num: 86

Candidate Starts for BAKA_53:

(Start: 86 @42677 has 30 MA's), (Start: 100 @42704 has 1 MA's), (123, 42764), (148, 42812), (172, 42878), (180, 42899), (188, 42920), (205, 42974), (236, 43055), (331, 43334), (333, 43337), (341, 43361), (355, 43397), (360, 43412), (363, 43424), (367, 43445),

Gene: BK1_08 Start: 5593, Stop: 6561, Start Num: 66

Candidate Starts for BK1_08:

(Start: 66 @5593 has 361 MA's), (Start: 75 @5626 has 5 MA's), (Start: 80 @5644 has 1 MA's), (Start: 81 @5647 has 2 MA's), (160, 5836), (184, 5914), (189, 5932), (198, 5965), (201, 5977), (233, 6052), (252, 6115), (261, 6139), (270, 6178), (276, 6196), (297, 6259), (317, 6340), (323, 6364), (324, 6367), (325, 6370), (330, 6379), (365, 6466), (370, 6490), (378, 6511), (393, 6553),

Gene: BPBiebs31_11 Start: 6265, Stop: 7233, Start Num: 66

Candidate Starts for BPBiebs31_11:

(Start: 66 @6265 has 361 MA's), (Start: 75 @6298 has 5 MA's), (Start: 80 @6316 has 1 MA's), (Start: 81 @6319 has 2 MA's), (184, 6586), (198, 6637), (201, 6649), (233, 6724), (252, 6787), (258, 6799), (264, 6820), (270, 6850), (276, 6868), (282, 6892), (297, 6931), (317, 7012), (323, 7036), (324, 7039), (325, 7042), (330, 7051), (365, 7138), (378, 7183), (393, 7225),

Gene: Baby16_10 Start: 5890, Stop: 6870, Start Num: 68

Candidate Starts for Baby16_10:

(Start: 68 @5890 has 108 MA's), (Start: 70 @5893 has 14 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (198, 6247), (234, 6331), (236, 6352), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (363, 6697), (366, 6709), (368, 6721), (392, 6787),

Gene: BabyBack_12 Start: 8108, Stop: 9085, Start Num: 66

Candidate Starts for BabyBack_12:

(Start: 66 @8108 has 361 MA's), (74, 8138), (Start: 80 @8159 has 1 MA's), (Start: 81 @8162 has 2 MA's), (91, 8195), (178, 8399), (182, 8411), (198, 8468), (201, 8480), (246, 8597), (270, 8657), (317, 8804), (368, 8939), (392, 9005),

Gene: BabyRay_10 Start: 5972, Stop: 6706, Start Num: 152

Candidate Starts for BabyRay_10:

(Start: 152 @5972 has 17 MA's), (182, 6059), (198, 6116), (201, 6128), (203, 6131), (212, 6155), (221, 6170), (236, 6218), (238, 6224), (250, 6251), (270, 6320), (293, 6392), (303, 6434), (308, 6461), (314, 6488), (323, 6521), (324, 6524), (341, 6563), (386, 6686),

Gene: Babyland_255 Start: 144570, Stop: 145598, Start Num: 56

Candidate Starts for Babyland_255:

(Start: 56 @144570 has 172 MA's), (Start: 66 @144600 has 361 MA's), (71, 144612), (Start: 81 @144654 has 2 MA's), (98, 144717), (105, 144738), (Start: 134 @144822 has 1 MA's), (160, 144864), (164, 144876), (168, 144891), (189, 144960), (198, 144987), (218, 145041), (231, 145086), (232, 145089), (257, 145167), (264, 145188), (297, 145299), (319, 145389), (323, 145407), (356, 145479), (366, 145512),

Gene: BackyardAgain_247 Start: 141943, Stop: 142971, Start Num: 56

Candidate Starts for BackyardAgain_247:

(Start: 56 @141943 has 172 MA's), (Start: 66 @141973 has 361 MA's), (71, 141985), (Start: 81 @142027 has 2 MA's), (98, 142090), (105, 142111), (Start: 134 @142195 has 1 MA's), (160, 142237), (164, 142249), (168, 142264), (189, 142333), (198, 142360), (218, 142414), (231, 142459), (232, 142462), (257, 142540), (264, 142561), (297, 142672), (319, 142762), (323, 142780), (356, 142852), (366, 142885),

Gene: Backyardigan_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for Backyardigan_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (197, 6241), (198, 6247), (201, 6259), (213, 6289), (234, 6331), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: BaconJack_12 Start: 6044, Stop: 7012, Start Num: 66

Candidate Starts for BaconJack_12:

(Start: 66 @6044 has 361 MA's), (Start: 75 @6077 has 5 MA's), (Start: 80 @6095 has 1 MA's), (Start: 81 @6098 has 2 MA's), (184, 6365), (189, 6383), (198, 6416), (201, 6428), (233, 6503), (252, 6566), (264, 6599), (267, 6611), (270, 6629), (276, 6647), (282, 6671), (297, 6710), (317, 6791), (323, 6815), (324, 6818), (325, 6821), (330, 6830), (365, 6917), (393, 7004),

Gene: Bactobuster_12 Start: 8187, Stop: 9173, Start Num: 66

Candidate Starts for Bactobuster_12:

(Start: 66 @8187 has 361 MA's), (74, 8217), (Start: 75 @8220 has 5 MA's), (Start: 81 @8241 has 2 MA's), (132, 8376), (197, 8541), (198, 8547), (230, 8622), (234, 8631), (270, 8742), (289, 8802), (304, 8838), (317, 8892), (323, 8916), (325, 8922), (347, 8967), (368, 9027), (370, 9036),

Gene: BadAgartude_246 Start: 143855, Stop: 144883, Start Num: 56

Candidate Starts for BadAgartude_246:

(Start: 56 @143855 has 172 MA's), (Start: 66 @143885 has 361 MA's), (71, 143897), (Start: 81 @143939 has 2 MA's), (98, 144002), (105, 144023), (Start: 134 @144107 has 1 MA's), (160, 144149), (164, 144161), (168, 144176), (189, 144245), (198, 144272), (218, 144326), (231, 144371), (232, 144374), (257, 144452), (264, 144473), (297, 144584), (319, 144674), (323, 144692), (356, 144764), (366, 144797),

Gene: Badger_10 Start: 5879, Stop: 6859, Start Num: 68

Candidate Starts for Badger_10:

(36, 5819), (41, 5837), (Start: 68 @5879 has 108 MA's), (Start: 70 @5882 has 14 MA's), (74, 5906), (Start: 80 @5927 has 1 MA's), (Start: 81 @5930 has 2 MA's), (182, 6179), (197, 6230), (198, 6236), (201, 6248), (213, 6278), (234, 6320), (248, 6368), (265, 6398), (270, 6425), (317, 6575), (366, 6698), (368, 6710), (370, 6719), (392, 6776), (413, 6851),

Gene: Baehexic_12 Start: 6944, Stop: 7921, Start Num: 66

Candidate Starts for Baehexic_12:

(Start: 66 @6944 has 361 MA's), (Start: 81 @6998 has 2 MA's), (108, 7055), (168, 7187), (182, 7235), (198, 7292), (211, 7328), (233, 7376), (241, 7415), (268, 7487), (270, 7502), (283, 7547), (288, 7565), (302, 7607), (308, 7655), (314, 7682), (319, 7697), (323, 7715), (324, 7718), (362, 7808),

Gene: Bagrid_48 Start: 42037, Stop: 42882, Start Num: 100

Candidate Starts for Bagrid_48:

(Start: 86 @42010 has 30 MA's), (Start: 100 @42037 has 1 MA's), (123, 42097), (148, 42145), (172, 42211), (180, 42232), (188, 42253), (205, 42307), (236, 42388), (331, 42667), (333, 42670), (341, 42694), (355, 42730), (360, 42745), (363, 42757), (367, 42778),

Gene: Baloo_47 Start: 41535, Stop: 42599, Start Num: 50

Candidate Starts for Baloo_47:

(Start: 50 @41535 has 44 MA's), (72, 41598), (94, 41679), (117, 41745), (120, 41760), (124, 41772), (135, 41799), (167, 41856), (170, 41865), (217, 42012), (223, 42027), (236, 42081), (251, 42114), (265, 42153), (268, 42165), (289, 42246), (297, 42264), (298, 42267), (344, 42423), (382, 42534), (389, 42555), (402, 42588),

Gene: BananaFence_250 Start: 144475, Stop: 145503, Start Num: 56

Candidate Starts for BananaFence_250:

(Start: 56 @144475 has 172 MA's), (Start: 66 @144505 has 361 MA's), (71, 144517), (Start: 81 @144559 has 2 MA's), (98, 144622), (105, 144643), (Start: 134 @144727 has 1 MA's), (160, 144769), (164, 144781), (168, 144796), (189, 144865), (198, 144892), (218, 144946), (231, 144991), (232, 144994), (257, 145072), (264, 145093), (297, 145204), (319, 145294), (323, 145312), (356, 145384), (366, 145417),

Gene: BangNhom_9 Start: 5858, Stop: 6838, Start Num: 68

Candidate Starts for BangNhom_9:

(Start: 68 @5858 has 108 MA's), (74, 5885), (Start: 80 @5906 has 1 MA's), (Start: 81 @5909 has 2 MA's), (182, 6158), (198, 6215), (201, 6227), (224, 6278), (234, 6299), (248, 6347), (270, 6404), (317, 6554), (366, 6677), (368, 6689), (392, 6755),

Gene: Bangla1971_253 Start: 144502, Stop: 145530, Start Num: 56

Candidate Starts for Bangla1971_253:

(Start: 56 @144502 has 172 MA's), (Start: 66 @144532 has 361 MA's), (71, 144544), (Start: 81 @144586 has 2 MA's), (98, 144649), (105, 144670), (Start: 134 @144754 has 1 MA's), (160, 144796), (164, 144808), (168, 144823), (189, 144892), (198, 144919), (218, 144973), (231, 145018), (232,

145021), (257, 145099), (264, 145120), (297, 145231), (319, 145321), (323, 145339), (356, 145411), (366, 145444),

Gene: Baoshan_27 Start: 26124, Stop: 27095, Start Num: 66

Candidate Starts for Baoshan_27:

(Start: 66 @26124 has 361 MA's), (Start: 81 @26178 has 2 MA's), (123, 26298), (129, 26313), (Start: 134 @26328 has 1 MA's), (Start: 146 @26343 has 1 MA's), (160, 26376), (164, 26388), (170, 26409), (189, 26472), (198, 26499), (205, 26523), (237, 26604), (241, 26616), (256, 26643), (268, 26679), (270, 26694), (274, 26709), (287, 26754), (298, 26769), (318, 26850), (323, 26868), (324, 26871), (325, 26874), (343, 26901), (351, 26925), (366, 26970), (378, 27012), (398, 27054),

Gene: Barnyard_40 Start: 32393, Stop: 33475, Start Num: 48

Candidate Starts for Barnyard_40:

(Start: 48 @32393 has 3 MA's), (145, 32687), (151, 32693), (158, 32711), (161, 32720), (176, 32783), (187, 32819), (192, 32837), (193, 32843), (223, 32930), (227, 32936), (254, 33032), (276, 33104), (279, 33119), (364, 33359), (367, 33377), (368, 33380), (372, 33395), (381, 33416),

Gene: Barriga_10 Start: 5869, Stop: 6837, Start Num: 66

Candidate Starts for Barriga_10:

(Start: 66 @5869 has 361 MA's), (Start: 75 @5902 has 5 MA's), (Start: 80 @5920 has 1 MA's), (Start: 81 @5923 has 2 MA's), (184, 6190), (198, 6241), (201, 6253), (233, 6328), (252, 6391), (258, 6403), (264, 6424), (270, 6454), (276, 6472), (282, 6496), (297, 6535), (317, 6616), (323, 6640), (324, 6643), (325, 6646), (330, 6655), (365, 6742), (378, 6787), (393, 6829),

Gene: Bartimeaus_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Bartimeaus_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Basquiat_250 Start: 142761, Stop: 143789, Start Num: 56

Candidate Starts for Basquiat_250:

(Start: 56 @142761 has 172 MA's), (Start: 66 @142791 has 361 MA's), (71, 142803), (Start: 81 @142845 has 2 MA's), (98, 142908), (105, 142929), (Start: 134 @143013 has 1 MA's), (160, 143055), (164, 143067), (168, 143082), (189, 143151), (198, 143178), (218, 143232), (231, 143277), (232, 143280), (233, 143283), (257, 143358), (264, 143379), (297, 143490), (319, 143580), (323, 143598), (356, 143670), (366, 143703),

Gene: Batiatus_31 Start: 27509, Stop: 28507, Start Num: 59

Candidate Starts for Batiatus_31:

(Start: 59 @27509 has 240 MA's), (Start: 81 @27584 has 2 MA's), (98, 27644), (105, 27665), (Start: 134 @27749 has 1 MA's), (164, 27800), (168, 27815), (198, 27911), (233, 27998), (236, 28022), (245, 28043), (260, 28082), (264, 28094), (276, 28142), (283, 28169), (292, 28193), (297, 28208), (323, 28316), (344, 28364), (368, 28433), (378, 28463),

Gene: Baudelaire_29 Start: 25621, Stop: 26718, Start Num: 42

Candidate Starts for Baudelaire_29:

(Start: 42 @25621 has 2 MA's), (51, 25648), (Start: 66 @25693 has 361 MA's), (85, 25756), (127, 25852), (131, 25861), (160, 25915), (172, 25954), (197, 26035), (198, 26041), (214, 26086), (216, 26092), (235, 26155), (239, 26173), (241, 26179), (245, 26185), (265, 26230), (270, 26257), (309, 26374), (313, 26398), (327, 26449), (336, 26470), (341, 26488), (367, 26575), (375, 26599), (404, 26680), (410, 26707),

Gene: Bazzle_28 Start: 26483, Stop: 27511, Start Num: 54

Candidate Starts for Bazzle_28:

(Start: 54 @26483 has 27 MA's), (Start: 100 @26627 has 1 MA's), (102, 26633), (147, 26747), (153, 26753), (160, 26771), (182, 26846), (198, 26903), (236, 27014), (238, 27020), (241, 27029), (243, 27032), (250, 27047), (270, 27122), (308, 27251), (312, 27278), (320, 27305), (324, 27320), (330, 27332), (360, 27398), (368, 27434),

Gene: Beakin_32 Start: 27414, Stop: 28415, Start Num: 59

Candidate Starts for Beakin_32:

(34, 27315), (49, 27387), (Start: 59 @27414 has 240 MA's), (Start: 81 @27489 has 2 MA's), (88, 27522), (98, 27552), (105, 27573), (117, 27603), (Start: 134 @27657 has 1 MA's), (150, 27681), (160, 27696), (164, 27708), (168, 27723), (198, 27819), (237, 27933), (245, 27951), (260, 27990), (267, 28014), (276, 28050), (283, 28077), (297, 28116), (323, 28224), (344, 28272), (351, 28284), (366, 28329), (368, 28341), (378, 28371),

Gene: BeanWater_245 Start: 143638, Stop: 144666, Start Num: 56

Candidate Starts for BeanWater_245:

(Start: 56 @143638 has 172 MA's), (Start: 66 @143668 has 361 MA's), (71, 143680), (Start: 81 @143722 has 2 MA's), (98, 143785), (105, 143806), (Start: 134 @143890 has 1 MA's), (160, 143932), (164, 143944), (168, 143959), (189, 144028), (198, 144055), (218, 144109), (231, 144154), (232, 144157), (257, 144235), (264, 144256), (297, 144367), (319, 144457), (323, 144475), (356, 144547), (366, 144580),

Gene: Beatrix_9 Start: 5686, Stop: 6654, Start Num: 66

Candidate Starts for Beatrix_9:

(Start: 66 @5686 has 361 MA's), (Start: 75 @5719 has 5 MA's), (Start: 80 @5737 has 1 MA's), (Start: 81 @5740 has 2 MA's), (184, 6007), (198, 6058), (201, 6070), (233, 6145), (252, 6208), (264, 6241), (267, 6253), (270, 6271), (276, 6289), (297, 6352), (317, 6433), (323, 6457), (324, 6460), (325, 6463), (330, 6472), (365, 6559), (393, 6646),

Gene: Beauxregard13_12 Start: 5962, Stop: 6927, Start Num: 60

Candidate Starts for Beauxregard13_12:

(Start: 60 @5962 has 92 MA's), (Start: 75 @6007 has 5 MA's), (Start: 81 @6028 has 2 MA's), (123, 6148), (182, 6286), (198, 6343), (203, 6358), (236, 6439), (241, 6454), (250, 6472), (267, 6523), (270, 6541), (283, 6586), (308, 6682), (324, 6745), (341, 6784), (362, 6835),

Gene: Beem_49 Start: 42576, Stop: 43448, Start Num: 86

Candidate Starts for Beem_49:

(Start: 86 @42576 has 30 MA's), (Start: 100 @42603 has 1 MA's), (123, 42663), (148, 42711), (172, 42777), (180, 42798), (188, 42819), (205, 42873), (236, 42954), (331, 43233), (333, 43236), (341, 43260), (355, 43296), (360, 43311), (363, 43323), (367, 43344),

Gene: BeesKnees_10 Start: 5730, Stop: 6698, Start Num: 66

Candidate Starts for BeesKnees_10:

(Start: 66 @5730 has 361 MA's), (Start: 75 @5763 has 5 MA's), (Start: 80 @5781 has 1 MA's), (Start: 81 @5784 has 2 MA's), (184, 6051), (198, 6102), (201, 6114), (233, 6189), (252, 6252), (258, 6264), (264, 6285), (267, 6297), (270, 6315), (276, 6333), (282, 6357), (297, 6396), (317, 6477), (323, 6501), (324, 6504), (325, 6507), (330, 6516), (365, 6603), (378, 6648), (393, 6690),

Gene: Bellis_28 Start: 26907, Stop: 27896, Start Num: 81

Candidate Starts for Bellis_28:

(Start: 66 @26853 has 361 MA's), (Start: 70 @26859 has 14 MA's), (Start: 75 @26886 has 5 MA's), (Start: 81 @26907 has 2 MA's), (Start: 100 @26958 has 1 MA's), (128, 27039), (172, 27144), (197,

27225), (198, 27231), (235, 27327), (239, 27345), (241, 27351), (245, 27357), (270, 27429), (286, 27486), (290, 27489), (309, 27546), (327, 27621), (336, 27642), (343, 27666), (348, 27681), (353, 27693), (368, 27750), (404, 27852), (408, 27873),

Gene: BellusTerra_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for BellusTerra_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: Ben11_46 Start: 41355, Stop: 42419, Start Num: 50

Candidate Starts for Ben11_46:

(Start: 50 @41355 has 44 MA's), (72, 41418), (94, 41499), (117, 41565), (120, 41580), (124, 41592), (135, 41619), (167, 41676), (170, 41685), (217, 41832), (223, 41847), (236, 41901), (251, 41934), (265, 41973), (268, 41985), (289, 42066), (297, 42084), (298, 42087), (308, 42132), (344, 42243), (382, 42354), (389, 42375), (402, 42408),

Gene: BengiVuitton_12 Start: 6865, Stop: 7842, Start Num: 66

Candidate Starts for BengiVuitton_12:

(Start: 66 @6865 has 361 MA's), (Start: 81 @6919 has 2 MA's), (168, 7108), (178, 7144), (182, 7156), (198, 7213), (211, 7249), (233, 7297), (241, 7336), (270, 7423), (288, 7486), (302, 7528), (308, 7576), (314, 7603), (319, 7618), (323, 7636), (324, 7639), (341, 7678), (362, 7729), (389, 7828),

Gene: Benvolio_11 Start: 6541, Stop: 7518, Start Num: 66

Candidate Starts for Benvolio_11:

(Start: 66 @6541 has 361 MA's), (Start: 81 @6595 has 2 MA's), (168, 6784), (178, 6820), (182, 6832), (198, 6889), (211, 6925), (233, 6973), (241, 7012), (261, 7060), (266, 7078), (268, 7084), (270, 7099), (283, 7144), (288, 7162), (302, 7204), (308, 7252), (314, 7279), (319, 7294), (323, 7312), (324, 7315), (362, 7405), (389, 7504),

Gene: Bernardo_48 Start: 42081, Stop: 43145, Start Num: 50

Candidate Starts for Bernardo_48:

(Start: 50 @42081 has 44 MA's), (72, 42144), (94, 42225), (117, 42291), (120, 42306), (124, 42318), (135, 42345), (167, 42402), (170, 42411), (217, 42558), (223, 42573), (236, 42627), (251, 42660), (265, 42699), (268, 42711), (289, 42792), (297, 42810), (298, 42813), (344, 42969), (382, 43080), (389, 43101), (402, 43134),

Gene: Bethlehem_10 Start: 6272, Stop: 7240, Start Num: 66

Candidate Starts for Bethlehem_10:

(Start: 66 @6272 has 361 MA's), (Start: 75 @6305 has 5 MA's), (Start: 80 @6323 has 1 MA's), (Start: 81 @6326 has 2 MA's), (184, 6593), (198, 6644), (201, 6656), (233, 6731), (264, 6827), (270, 6857), (297, 6938), (317, 7019), (323, 7043), (324, 7046), (325, 7049), (330, 7058), (365, 7145), (393, 7232),

Gene: Bexan_9 Start: 5686, Stop: 6654, Start Num: 66

Candidate Starts for Bexan_9:

(Start: 66 @5686 has 361 MA's), (Start: 75 @5719 has 5 MA's), (Start: 80 @5737 has 1 MA's), (Start: 81 @5740 has 2 MA's), (184, 6007), (198, 6058), (201, 6070), (233, 6145), (252, 6208), (264, 6241), (267, 6253), (270, 6271), (276, 6289), (297, 6352), (317, 6433), (323, 6457), (324, 6460), (325, 6463), (330, 6472), (365, 6559), (393, 6646),

Gene: BiancaTri92_13 Start: 8213, Stop: 9196, Start Num: 66

Candidate Starts for BiancaTri92_13:

(Start: 66 @8213 has 361 MA's), (Start: 80 @8264 has 1 MA's), (Start: 81 @8267 has 2 MA's), (198, 8591), (203, 8606), (233, 8675), (236, 8699), (241, 8714), (267, 8783), (270, 8801), (308, 8945), (324, 9008), (341, 9047), (353, 9071), (360, 9089),

Gene: Big3_10 Start: 5629, Stop: 6597, Start Num: 66

Candidate Starts for Big3_10:

(Start: 66 @5629 has 361 MA's), (Start: 75 @5662 has 5 MA's), (Start: 80 @5680 has 1 MA's), (Start: 81 @5683 has 2 MA's), (184, 5950), (198, 6001), (201, 6013), (233, 6088), (252, 6151), (258, 6163), (264, 6184), (267, 6196), (270, 6214), (276, 6232), (282, 6256), (297, 6295), (317, 6376), (323, 6400), (324, 6403), (325, 6406), (330, 6415), (365, 6502), (378, 6547), (393, 6589),

Gene: BigCheese_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for BigCheese_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: BigCity_260 Start: 146393, Stop: 147421, Start Num: 56

Candidate Starts for BigCity_260:

(Start: 56 @146393 has 172 MA's), (Start: 66 @146423 has 361 MA's), (71, 146435), (Start: 81 @146477 has 2 MA's), (98, 146540), (105, 146561), (Start: 134 @146645 has 1 MA's), (160, 146687), (164, 146699), (168, 146714), (189, 146783), (198, 146810), (218, 146864), (231, 146909), (232, 146912), (257, 146990), (264, 147011), (297, 147122), (319, 147212), (323, 147230), (356, 147302), (366, 147335),

Gene: BigMau_11 Start: 5731, Stop: 6699, Start Num: 66

Candidate Starts for BigMau_11:

(Start: 66 @5731 has 361 MA's), (Start: 75 @5764 has 5 MA's), (Start: 80 @5782 has 1 MA's), (Start: 81 @5785 has 2 MA's), (184, 6052), (198, 6103), (201, 6115), (233, 6190), (252, 6253), (258, 6265), (264, 6286), (267, 6298), (270, 6316), (276, 6334), (282, 6358), (297, 6397), (317, 6478), (323, 6502), (324, 6505), (325, 6508), (330, 6517), (365, 6604), (393, 6691),

Gene: BigPaolini_11 Start: 6658, Stop: 7626, Start Num: 66

Candidate Starts for BigPaolini_11:

(Start: 66 @6658 has 361 MA's), (Start: 75 @6691 has 5 MA's), (Start: 80 @6709 has 1 MA's), (Start: 81 @6712 has 2 MA's), (184, 6979), (198, 7030), (201, 7042), (233, 7117), (252, 7180), (258, 7192), (264, 7213), (267, 7225), (270, 7243), (276, 7261), (282, 7285), (297, 7324), (317, 7405), (323, 7429), (324, 7432), (325, 7435), (330, 7444), (365, 7531), (393, 7618),

Gene: BigPhil_27 Start: 23733, Stop: 24731, Start Num: 59

Candidate Starts for BigPhil_27:

(Start: 59 @23733 has 240 MA's), (Start: 81 @23808 has 2 MA's), (98, 23868), (105, 23889), (Start: 134 @23973 has 1 MA's), (164, 24024), (168, 24039), (198, 24135), (233, 24222), (236, 24246), (245, 24267), (260, 24306), (264, 24318), (276, 24366), (283, 24393), (292, 24417), (297, 24432), (323, 24540), (344, 24588), (368, 24657), (378, 24687),

Gene: Bigfoot_9 Start: 5757, Stop: 6725, Start Num: 66

Candidate Starts for Bigfoot_9:

(Start: 66 @5757 has 361 MA's), (Start: 75 @5790 has 5 MA's), (Start: 80 @5808 has 1 MA's), (Start: 81 @5811 has 2 MA's), (184, 6078), (198, 6129), (201, 6141), (233, 6216), (252, 6279), (258, 6291), (264, 6312), (270, 6342), (276, 6360), (282, 6384), (297, 6423), (317, 6504), (323, 6528), (324, 6531),

(325, 6534), (330, 6543), (365, 6630), (378, 6675), (393, 6717),

Gene: Bigswole_257 Start: 146304, Stop: 147332, Start Num: 56

Candidate Starts for Bigswole_257:

(Start: 56 @146304 has 172 MA's), (Start: 66 @146334 has 361 MA's), (71, 146346), (Start: 81 @146388 has 2 MA's), (98, 146451), (105, 146472), (Start: 134 @146556 has 1 MA's), (160, 146598), (164, 146610), (168, 146625), (189, 146694), (198, 146721), (218, 146775), (231, 146820), (232, 146823), (257, 146901), (264, 146922), (297, 147033), (319, 147123), (323, 147141), (356, 147213), (366, 147246),

Gene: BillKnuckles_11 Start: 6674, Stop: 7642, Start Num: 66

Candidate Starts for BillKnuckles_11:

(Start: 66 @6674 has 361 MA's), (Start: 75 @6707 has 5 MA's), (Start: 80 @6725 has 1 MA's), (Start: 81 @6728 has 2 MA's), (184, 6995), (198, 7046), (201, 7058), (233, 7133), (252, 7196), (258, 7208), (264, 7229), (267, 7241), (270, 7259), (276, 7277), (282, 7301), (297, 7340), (317, 7421), (323, 7445), (324, 7448), (325, 7451), (330, 7460), (360, 7526), (365, 7547), (393, 7634),

Gene: Bipolar_28 Start: 26593, Stop: 27594, Start Num: 59

Candidate Starts for Bipolar_28:

(Start: 59 @26593 has 240 MA's), (Start: 81 @26668 has 2 MA's), (88, 26701), (98, 26731), (105, 26752), (Start: 134 @26836 has 1 MA's), (150, 26860), (160, 26875), (164, 26887), (198, 26998), (236, 27109), (245, 27130), (260, 27169), (267, 27193), (276, 27229), (283, 27256), (292, 27280), (297, 27295), (323, 27403), (344, 27451), (368, 27520), (378, 27550),

Gene: Bipolarisk_250 Start: 144521, Stop: 145549, Start Num: 56

Candidate Starts for Bipolarisk_250:

(Start: 56 @144521 has 172 MA's), (Start: 66 @144551 has 361 MA's), (71, 144563), (Start: 81 @144605 has 2 MA's), (98, 144668), (105, 144689), (Start: 134 @144773 has 1 MA's), (160, 144815), (164, 144827), (168, 144842), (189, 144911), (198, 144938), (218, 144992), (231, 145037), (232, 145040), (257, 145118), (264, 145139), (297, 145250), (319, 145340), (323, 145358), (356, 145430), (366, 145463),

Gene: Bircsak_10 Start: 6218, Stop: 7186, Start Num: 66

Candidate Starts for Bircsak_10:

(Start: 66 @6218 has 361 MA's), (Start: 75 @6251 has 5 MA's), (Start: 80 @6269 has 1 MA's), (Start: 81 @6272 has 2 MA's), (184, 6539), (198, 6590), (201, 6602), (233, 6677), (252, 6740), (264, 6773), (267, 6785), (270, 6803), (276, 6821), (282, 6845), (297, 6884), (317, 6965), (323, 6989), (324, 6992), (325, 6995), (330, 7004), (365, 7091), (393, 7178),

Gene: BirdsNest_51 Start: 41335, Stop: 42336, Start Num: 67

Candidate Starts for BirdsNest_51:

(Start: 67 @41335 has 1 MA's), (74, 41362), (Start: 81 @41386 has 2 MA's), (197, 41692), (198, 41698), (211, 41734), (224, 41761), (270, 41893), (279, 41923), (289, 41953), (304, 41989), (317, 42043), (323, 42067), (325, 42073), (344, 42109), (411, 42310),

Gene: Blackbrain_251 Start: 144538, Stop: 145566, Start Num: 56

Candidate Starts for Blackbrain_251:

(Start: 56 @144538 has 172 MA's), (Start: 66 @144568 has 361 MA's), (71, 144580), (Start: 81 @144622 has 2 MA's), (98, 144685), (105, 144706), (Start: 134 @144790 has 1 MA's), (160, 144832), (164, 144844), (168, 144859), (189, 144928), (198, 144955), (218, 145009), (231, 145054), (232, 145057), (257, 145135), (264, 145156), (297, 145267), (319, 145357), (323, 145375), (356, 145447), (366, 145480),

Gene: Blackmoor_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Blackmoor_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Blarby_39 Start: 27985, Stop: 28986, Start Num: 59

Candidate Starts for Blarby_39:

(Start: 59 @27985 has 240 MA's), (Start: 66 @28006 has 361 MA's), (71, 28018), (Start: 81 @28060 has 2 MA's), (98, 28123), (105, 28144), (117, 28174), (119, 28186), (Start: 134 @28228 has 1 MA's), (150, 28252), (160, 28267), (164, 28279), (198, 28390), (237, 28504), (245, 28522), (260, 28561), (267, 28585), (276, 28621), (283, 28648), (292, 28672), (297, 28687), (323, 28795), (344, 28843), (368, 28912), (378, 28942),

Gene: Blessica_68 Start: 43732, Stop: 44772, Start Num: 59

Candidate Starts for Blessica_68:

(Start: 59 @43732 has 240 MA's), (Start: 81 @43807 has 2 MA's), (98, 43888), (Start: 100 @43894 has 1 MA's), (105, 43909), (132, 43990), (Start: 134 @43993 has 1 MA's), (164, 44047), (168, 44062), (198, 44158), (212, 44197), (220, 44227), (231, 44257), (232, 44260), (238, 44293), (264, 44359), (276, 44407), (283, 44434), (297, 44473), (355, 44647), (368, 44698),

Gene: Blexus_31 Start: 27836, Stop: 28837, Start Num: 59

Candidate Starts for Blexus_31:

(49, 27809), (Start: 59 @27836 has 240 MA's), (Start: 81 @27911 has 2 MA's), (88, 27944), (98, 27974), (105, 27995), (117, 28025), (119, 28037), (Start: 134 @28079 has 1 MA's), (164, 28130), (168, 28145), (198, 28241), (236, 28352), (245, 28373), (260, 28412), (264, 28424), (276, 28472), (283, 28499), (292, 28523), (297, 28538), (323, 28646), (344, 28694), (368, 28763), (378, 28793),

Gene: BluSpix_10 Start: 6017, Stop: 6985, Start Num: 66

Candidate Starts for BluSpix_10:

(Start: 66 @6017 has 361 MA's), (Start: 75 @6050 has 5 MA's), (Start: 80 @6068 has 1 MA's), (Start: 81 @6071 has 2 MA's), (184, 6338), (198, 6389), (201, 6401), (233, 6476), (252, 6539), (258, 6551), (264, 6572), (267, 6584), (270, 6602), (276, 6620), (297, 6683), (317, 6764), (323, 6788), (324, 6791), (325, 6794), (330, 6803), (365, 6890), (378, 6935), (393, 6977),

Gene: Blubba_247 Start: 147265, Stop: 148299, Start Num: 56

Candidate Starts for Blubba_247:

(Start: 56 @147265 has 172 MA's), (Start: 66 @147295 has 361 MA's), (Start: 81 @147349 has 2 MA's), (98, 147412), (105, 147433), (Start: 134 @147517 has 1 MA's), (160, 147559), (164, 147571), (168, 147586), (189, 147655), (198, 147682), (218, 147736), (231, 147781), (232, 147784), (257, 147862), (264, 147883), (297, 147994), (319, 148084), (323, 148102), (356, 148174), (366, 148207), (396, 148294),

Gene: Blue_10 Start: 6124, Stop: 7092, Start Num: 66

Candidate Starts for Blue_10:

(Start: 66 @6124 has 361 MA's), (Start: 75 @6157 has 5 MA's), (Start: 80 @6175 has 1 MA's), (Start: 81 @6178 has 2 MA's), (184, 6445), (198, 6496), (201, 6508), (233, 6583), (264, 6679), (267, 6691), (270, 6709), (276, 6727), (282, 6751), (297, 6790), (317, 6871), (323, 6895), (324, 6898), (325, 6901), (330, 6910), (365, 6997), (393, 7084),

Gene: BlueBird_11 Start: 5739, Stop: 6479, Start Num: 152

Candidate Starts for BlueBird_11:

(Start: 86 @5622 has 30 MA's), (Start: 152 @5739 has 17 MA's), (182, 5826), (198, 5883), (201, 5895), (203, 5898), (212, 5922), (221, 5937), (229, 5955), (236, 5985), (238, 5991), (241, 6000), (250, 6018), (267, 6069), (270, 6087), (293, 6159), (303, 6201), (308, 6228), (314, 6255), (323, 6288), (324, 6291), (341, 6330), (395, 6471),

Gene: BlueCrab_31 Start: 27687, Stop: 28688, Start Num: 59

Candidate Starts for BlueCrab_31:

(34, 27588), (Start: 59 @27687 has 240 MA's), (Start: 66 @27708 has 361 MA's), (71, 27720), (Start: 81 @27762 has 2 MA's), (98, 27825), (105, 27846), (Start: 134 @27930 has 1 MA's), (150, 27954), (160, 27969), (164, 27981), (198, 28092), (237, 28206), (245, 28224), (260, 28263), (267, 28287), (276, 28323), (283, 28350), (297, 28389), (308, 28437), (323, 28497), (344, 28545), (351, 28557), (366, 28602), (368, 28614),

Gene: Bob3_9 Start: 5573, Stop: 6541, Start Num: 66

Candidate Starts for Bob3_9:

(Start: 66 @5573 has 361 MA's), (Start: 75 @5606 has 5 MA's), (Start: 80 @5624 has 1 MA's), (Start: 81 @5627 has 2 MA's), (184, 5894), (198, 5945), (201, 5957), (233, 6032), (252, 6095), (258, 6107), (264, 6128), (267, 6140), (270, 6158), (276, 6176), (282, 6200), (297, 6239), (317, 6320), (323, 6344), (324, 6347), (325, 6350), (330, 6359), (365, 6446), (393, 6533),

Gene: BobSwaget_14 Start: 8111, Stop: 9097, Start Num: 66

Candidate Starts for BobSwaget_14:

(Start: 66 @8111 has 361 MA's), (74, 8141), (Start: 80 @8162 has 1 MA's), (Start: 81 @8165 has 2 MA's), (91, 8198), (182, 8414), (197, 8465), (198, 8471), (201, 8483), (209, 8504), (248, 8594), (270, 8660), (317, 8810), (322, 8831), (368, 8945), (392, 9017),

Gene: BobaPhett_31 Start: 27708, Stop: 28709, Start Num: 59

Candidate Starts for BobaPhett_31:

(Start: 59 @27708 has 240 MA's), (Start: 81 @27783 has 2 MA's), (98, 27846), (105, 27867), (Start: 134 @27951 has 1 MA's), (150, 27975), (160, 27990), (164, 28002), (198, 28113), (237, 28227), (245, 28245), (260, 28284), (267, 28308), (276, 28344), (297, 28410), (323, 28518), (344, 28566), (351, 28578), (366, 28623), (368, 28635), (378, 28665),

Gene: Bobby_48 Start: 41009, Stop: 42013, Start Num: 66

Candidate Starts for Bobby_48:

(Start: 66 @41009 has 361 MA's), (Start: 81 @41063 has 2 MA's), (Start: 100 @41114 has 1 MA's), (123, 41183), (124, 41186), (153, 41228), (196, 41366), (198, 41375), (214, 41420), (237, 41489), (247, 41513), (249, 41516), (267, 41561), (270, 41579), (318, 41741), (321, 41756), (324, 41765), (401, 41966),

Gene: Bobi_33 Start: 28223, Stop: 29221, Start Num: 59

Candidate Starts for Bobi_33:

(Start: 59 @28223 has 240 MA's), (Start: 81 @28298 has 2 MA's), (98, 28358), (105, 28379), (Start: 134 @28463 has 1 MA's), (164, 28514), (168, 28529), (198, 28625), (236, 28736), (245, 28757), (260, 28796), (264, 28808), (276, 28856), (283, 28883), (292, 28907), (297, 28922), (323, 29030), (344, 29078), (368, 29147), (378, 29177),

Gene: BobsGarage_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for BobsGarage_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351,

27104), (366, 27149), (378, 27191), (398, 27233),

Gene: BodEinwohner17_31 Start: 27906, Stop: 28907, Start Num: 59

Candidate Starts for BodEinwohner17_31:

(Start: 59 @27906 has 240 MA's), (Start: 81 @27981 has 2 MA's), (88, 28014), (98, 28044), (105, 28065), (117, 28095), (119, 28107), (Start: 134 @28149 has 1 MA's), (150, 28173), (160, 28188), (164, 28200), (198, 28311), (237, 28425), (245, 28443), (260, 28482), (264, 28494), (276, 28542), (283, 28569), (292, 28593), (297, 28608), (323, 28716), (344, 28764), (368, 28833), (378, 28863),

Gene: Bombitas_46 Start: 42161, Stop: 43027, Start Num: 86

Candidate Starts for Bombitas_46:

(Start: 86 @42161 has 30 MA's), (Start: 100 @42188 has 1 MA's), (106, 42209), (148, 42296), (Start: 157 @42317 has 2 MA's), (172, 42362), (180, 42383), (188, 42404), (205, 42458), (231, 42509), (245, 42560), (301, 42710), (311, 42752), (323, 42803), (333, 42821), (358, 42887), (361, 42899), (363, 42908), (369, 42938), (391, 43001),

Gene: Bombshell_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Bombshell_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Bones_10 Start: 5768, Stop: 6736, Start Num: 66

Candidate Starts for Bones_10:

(Start: 66 @5768 has 361 MA's), (Start: 75 @5801 has 5 MA's), (Start: 80 @5819 has 1 MA's), (Start: 81 @5822 has 2 MA's), (184, 6089), (198, 6140), (201, 6152), (233, 6227), (252, 6290), (258, 6302), (264, 6323), (267, 6335), (270, 6353), (276, 6371), (282, 6395), (297, 6434), (317, 6515), (323, 6539), (324, 6542), (325, 6545), (330, 6554), (365, 6641), (393, 6728),

Gene: Bongo_38 Start: 31794, Stop: 32765, Start Num: 63

Candidate Starts for Bongo_38:

(Start: 63 @31794 has 13 MA's), (72, 31818), (Start: 75 @31833 has 5 MA's), (129, 31971), (Start: 143 @31998 has 16 MA's), (159, 32016), (163, 32028), (166, 32037), (178, 32082), (182, 32094), (190, 32121), (198, 32148), (201, 32160), (221, 32205), (231, 32232), (237, 32262), (240, 32271), (241, 32274), (274, 32361), (279, 32376), (326, 32529), (331, 32532), (356, 32592), (361, 32604), (363, 32613), (371, 32649), (377, 32664), (392, 32703), (404, 32736),

Gene: Bonray_255 Start: 146338, Stop: 147366, Start Num: 56

Candidate Starts for Bonray_255:

(Start: 56 @146338 has 172 MA's), (Start: 66 @146368 has 361 MA's), (71, 146380), (Start: 81 @146422 has 2 MA's), (98, 146485), (105, 146506), (Start: 134 @146590 has 1 MA's), (160, 146632), (164, 146644), (168, 146659), (189, 146728), (198, 146755), (218, 146809), (231, 146854), (232, 146857), (257, 146935), (264, 146956), (297, 147067), (319, 147157), (323, 147175), (356, 147247), (366, 147280),

Gene: Boomer_33 Start: 27576, Stop: 28577, Start Num: 59

Candidate Starts for Boomer_33:

(Start: 59 @27576 has 240 MA's), (Start: 81 @27651 has 2 MA's), (88, 27684), (98, 27714), (105, 27735), (117, 27765), (119, 27777), (Start: 134 @27819 has 1 MA's), (150, 27843), (160, 27858), (164, 27870), (198, 27981), (237, 28095), (245, 28113), (260, 28152), (267, 28176), (276, 28212), (283, 28239), (297, 28278), (323, 28386), (344, 28434), (351, 28446), (366, 28491), (368, 28503), (378, 28533),

Gene: BoostSeason_30 Start: 24885, Stop: 26096, Start Num: 66

Candidate Starts for BoostSeason_30:

(1, 24174), (4, 24237), (5, 24261), (33, 24762), (35, 24783), (52, 24846), (Start: 66 @24885 has 361 MA's), (73, 24912), (79, 24933), (88, 24969), (106, 25014), (Start: 146 @25110 has 1 MA's), (160, 25143), (161, 25146), (170, 25176), (189, 25242), (201, 25281), (232, 25359), (243, 25404), (267, 25461), (270, 25479), (297, 25551), (318, 25644), (323, 25665), (328, 25686), (329, 25689), (338, 25803), (339, 25818), (347, 25887), (366, 25944), (389, 26025),

Gene: Bora_65 Start: 43113, Stop: 44153, Start Num: 59

Candidate Starts for Bora_65:

(Start: 59 @43113 has 240 MA's), (Start: 81 @43188 has 2 MA's), (98, 43269), (105, 43290), (132, 43371), (Start: 134 @43374 has 1 MA's), (164, 43428), (168, 43443), (198, 43539), (212, 43578), (220, 43608), (231, 43638), (232, 43641), (238, 43674), (264, 43740), (276, 43788), (283, 43815), (297, 43854), (355, 44028), (368, 44079),

Gene: BreSam8_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for BreSam8_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: Bread_249 Start: 144305, Stop: 145333, Start Num: 56

Candidate Starts for Bread_249:

(Start: 56 @144305 has 172 MA's), (Start: 66 @144335 has 361 MA's), (71, 144347), (Start: 81 @144389 has 2 MA's), (98, 144452), (105, 144473), (Start: 134 @144557 has 1 MA's), (160, 144599), (164, 144611), (168, 144626), (189, 144695), (198, 144722), (218, 144776), (231, 144821), (232, 144824), (257, 144902), (264, 144923), (297, 145034), (319, 145124), (323, 145142), (356, 145214), (366, 145247),

Gene: Breeniome_252 Start: 143293, Stop: 144321, Start Num: 56

Candidate Starts for Breeniome_252:

(Start: 56 @143293 has 172 MA's), (Start: 66 @143323 has 361 MA's), (71, 143335), (Start: 81 @143377 has 2 MA's), (98, 143440), (105, 143461), (Start: 134 @143545 has 1 MA's), (160, 143587), (164, 143599), (168, 143614), (189, 143683), (198, 143710), (218, 143764), (231, 143809), (232, 143812), (257, 143890), (264, 143911), (297, 144022), (319, 144112), (323, 144130), (356, 144202), (366, 144235),

Gene: Breezona_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Breezona_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Briakila_48 Start: 42303, Stop: 43367, Start Num: 50

Candidate Starts for Briakila_48:

(Start: 50 @42303 has 44 MA's), (72, 42366), (94, 42447), (117, 42513), (120, 42528), (124, 42540), (135, 42567), (167, 42624), (170, 42633), (217, 42780), (223, 42795), (236, 42849), (251, 42882), (265, 42921), (268, 42933), (289, 43014), (297, 43032), (298, 43035), (344, 43191), (382, 43302), (389, 43323), (402, 43356),

Gene: Bricole_38 Start: 31780, Stop: 32751, Start Num: 63

Candidate Starts for Bricole_38:

(Start: 63 @31780 has 13 MA's), (72, 31804), (Start: 75 @31819 has 5 MA's), (129, 31957), (Start: 143 @31984 has 16 MA's), (159, 32002), (163, 32014), (166, 32023), (178, 32068), (182, 32080), (190, 32107), (198, 32134), (201, 32146), (221, 32191), (231, 32218), (237, 32248), (240, 32257), (241, 32260), (274, 32347), (279, 32362), (326, 32515), (331, 32518), (356, 32578), (361, 32590), (363, 32599), (371, 32635), (377, 32650), (392, 32689), (404, 32722),

Gene: Briton15_11 Start: 5784, Stop: 6752, Start Num: 66

Candidate Starts for Briton15_11:

(Start: 66 @5784 has 361 MA's), (Start: 75 @5817 has 5 MA's), (Start: 80 @5835 has 1 MA's), (Start: 81 @5838 has 2 MA's), (184, 6105), (198, 6156), (201, 6168), (233, 6243), (264, 6339), (270, 6369), (297, 6450), (317, 6531), (323, 6555), (324, 6558), (325, 6561), (330, 6570), (365, 6657), (393, 6744),

Gene: Brocalys_26 Start: 23309, Stop: 24310, Start Num: 59

Candidate Starts for Brocalys_26:

(Start: 59 @23309 has 240 MA's), (Start: 81 @23384 has 2 MA's), (98, 23447), (105, 23468), (Start: 134 @23552 has 1 MA's), (150, 23576), (160, 23591), (164, 23603), (198, 23714), (245, 23846), (260, 23885), (264, 23897), (283, 23972), (297, 24011), (368, 24236), (378, 24266),

Gene: Bromden_28 Start: 25913, Stop: 26935, Start Num: 54

Candidate Starts for Bromden_28:

(Start: 54 @25913 has 27 MA's), (Start: 100 @26057 has 1 MA's), (102, 26063), (104, 26069), (142, 26171), (144, 26174), (156, 26189), (164, 26213), (170, 26234), (182, 26276), (198, 26333), (237, 26447), (241, 26459), (270, 26552), (298, 26633), (308, 26681), (324, 26744), (330, 26756), (360, 26822), (362, 26831), (368, 26858),

Gene: Broseidon_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Broseidon_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Bruiser_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Bruiser_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Bruns_8 Start: 5434, Stop: 6402, Start Num: 66

Candidate Starts for Bruns_8:

(Start: 66 @5434 has 361 MA's), (Start: 75 @5467 has 5 MA's), (Start: 80 @5485 has 1 MA's), (Start: 81 @5488 has 2 MA's), (184, 5755), (198, 5806), (201, 5818), (233, 5893), (252, 5956), (261, 5980), (270, 6019), (276, 6037), (297, 6100), (317, 6181), (323, 6205), (324, 6208), (325, 6211), (330, 6220), (365, 6307), (378, 6352), (393, 6394),

Gene: BubbleTrouble_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for BubbleTrouble_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Bubbles123_33 Start: 28498, Stop: 29499, Start Num: 59

Candidate Starts for Bubbles123_33:

(Start: 59 @28498 has 240 MA's), (Start: 81 @28573 has 2 MA's), (88, 28606), (98, 28636), (105, 28657), (Start: 134 @28741 has 1 MA's), (164, 28792), (168, 28807), (198, 28903), (236, 29014), (245, 29035), (260, 29074), (264, 29086), (276, 29134), (283, 29161), (292, 29185), (297, 29200), (323, 29308), (344, 29356), (368, 29425), (378, 29455),

Gene: Bugatti_10 Start: 5739, Stop: 6479, Start Num: 152

Candidate Starts for Bugatti_10:

(Start: 86 @5622 has 30 MA's), (Start: 152 @5739 has 17 MA's), (182, 5826), (198, 5883), (201, 5895), (203, 5898), (212, 5922), (221, 5937), (229, 5955), (236, 5985), (238, 5991), (241, 6000), (250, 6018), (267, 6069), (270, 6087), (293, 6159), (303, 6201), (308, 6228), (314, 6255), (323, 6288), (324, 6291), (341, 6330), (395, 6471),

Gene: Buggy_13 Start: 6872, Stop: 7864, Start Num: 66

Candidate Starts for Buggy_13:

(Start: 66 @6872 has 361 MA's), (Start: 80 @6923 has 1 MA's), (Start: 81 @6926 has 2 MA's), (158, 7094), (160, 7100), (168, 7127), (185, 7187), (198, 7232), (233, 7319), (245, 7364), (264, 7403), (277, 7451), (281, 7466), (306, 7532), (316, 7574), (354, 7661), (368, 7709), (388, 7775),

Gene: Bumblebee11_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for Bumblebee11_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (197, 6241), (198, 6247), (201, 6259), (213, 6289), (234, 6331), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: Burger_9 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Burger_9:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Burrough_253 Start: 145666, Stop: 146694, Start Num: 56

Candidate Starts for Burrough_253:

(Start: 56 @145666 has 172 MA's), (Start: 66 @145696 has 361 MA's), (71, 145708), (Start: 81 @145750 has 2 MA's), (98, 145813), (105, 145834), (Start: 134 @145918 has 1 MA's), (160, 145960), (164, 145972), (168, 145987), (189, 146056), (198, 146083), (218, 146137), (231, 146182), (232, 146185), (257, 146263), (264, 146284), (297, 146395), (319, 146485), (323, 146503), (356, 146575), (366, 146608),

Gene: Burton_10 Start: 5634, Stop: 6602, Start Num: 66

Candidate Starts for Burton_10:

(Start: 66 @5634 has 361 MA's), (Start: 75 @5667 has 5 MA's), (Start: 80 @5685 has 1 MA's), (Start: 81 @5688 has 2 MA's), (184, 5955), (198, 6006), (201, 6018), (233, 6093), (252, 6156), (258, 6168), (264, 6189), (267, 6201), (270, 6219), (276, 6237), (282, 6261), (297, 6300), (317, 6381), (323, 6405), (324, 6408), (325, 6411), (330, 6420), (365, 6507), (393, 6594),

Gene: Burwell21_31 Start: 27697, Stop: 28698, Start Num: 59

Candidate Starts for Burwell21_31:

(Start: 59 @27697 has 240 MA's), (Start: 66 @27718 has 361 MA's), (71, 27730), (Start: 81 @27772 has 2 MA's), (98, 27835), (105, 27856), (117, 27886), (Start: 134 @27940 has 1 MA's), (150, 27964), (160, 27979), (164, 27991), (198, 28102), (237, 28216), (245, 28234), (260, 28273), (267, 28297), (276, 28333), (283, 28360), (297, 28399), (308, 28447), (323, 28507), (351, 28567), (368, 28624), (378, 28654),

Gene: Buttons_11 Start: 6206, Stop: 7174, Start Num: 66

Candidate Starts for Buttons_11:

(Start: 66 @6206 has 361 MA's), (Start: 75 @6239 has 5 MA's), (Start: 80 @6257 has 1 MA's), (Start: 81 @6260 has 2 MA's), (184, 6527), (198, 6578), (201, 6590), (233, 6665), (252, 6728), (258, 6740), (264, 6761), (267, 6773), (270, 6791), (276, 6809), (297, 6872), (317, 6953), (323, 6977), (324, 6980), (325, 6983), (330, 6992), (365, 7079), (378, 7124), (393, 7166),

Gene: BuzzBuzz_11 Start: 6046, Stop: 7011, Start Num: 60

Candidate Starts for BuzzBuzz_11:

(Start: 60 @6046 has 92 MA's), (Start: 75 @6091 has 5 MA's), (Start: 81 @6112 has 2 MA's), (123, 6232), (182, 6370), (198, 6427), (203, 6442), (236, 6523), (241, 6538), (250, 6556), (267, 6607), (270, 6625), (283, 6670), (308, 6766), (324, 6829), (362, 6919),

Gene: BuzzLyseyear_34 Start: 28312, Stop: 29313, Start Num: 59

Candidate Starts for BuzzLyseyear_34:

(Start: 59 @28312 has 240 MA's), (Start: 81 @28387 has 2 MA's), (88, 28420), (98, 28450), (105, 28471), (117, 28501), (119, 28513), (Start: 134 @28555 has 1 MA's), (150, 28579), (160, 28594), (164, 28606), (198, 28717), (237, 28831), (245, 28849), (260, 28888), (267, 28912), (276, 28948), (283, 28975), (297, 29014), (323, 29122), (344, 29170), (368, 29239), (378, 29269),

Gene: Bxb1_9 Start: 6043, Stop: 7011, Start Num: 66

Candidate Starts for Bxb1_9:

(Start: 66 @6043 has 361 MA's), (Start: 75 @6076 has 5 MA's), (Start: 80 @6094 has 1 MA's), (Start: 81 @6097 has 2 MA's), (184, 6364), (198, 6415), (201, 6427), (233, 6502), (252, 6565), (258, 6577), (264, 6598), (270, 6628), (276, 6646), (282, 6670), (297, 6709), (317, 6790), (323, 6814), (324, 6817), (325, 6820), (330, 6829), (365, 6916), (378, 6961), (393, 7003),

Gene: Bxz1_238 Start: 145870, Stop: 146898, Start Num: 56

Candidate Starts for Bxz1_238:

(Start: 56 @145870 has 172 MA's), (Start: 66 @145900 has 361 MA's), (71, 145912), (Start: 81 @145954 has 2 MA's), (98, 146017), (105, 146038), (Start: 134 @146122 has 1 MA's), (160, 146164), (164, 146176), (168, 146191), (189, 146260), (198, 146287), (218, 146341), (231, 146386), (232, 146389), (257, 146467), (264, 146488), (297, 146599), (319, 146689), (323, 146707), (356, 146779), (366, 146812),

Gene: Bxz2_12 Start: 6056, Stop: 7021, Start Num: 60

Candidate Starts for Bxz2_12:

(Start: 60 @6056 has 92 MA's), (Start: 75 @6101 has 5 MA's), (Start: 81 @6122 has 2 MA's), (123, 6242), (182, 6380), (198, 6437), (203, 6452), (236, 6533), (241, 6548), (250, 6566), (267, 6617), (270, 6635), (283, 6680), (308, 6776), (324, 6839), (341, 6878), (362, 6929),

Gene: Byougenkin_31 Start: 27595, Stop: 28596, Start Num: 59

Candidate Starts for Byougenkin_31:

(Start: 59 @27595 has 240 MA's), (Start: 81 @27670 has 2 MA's), (88, 27703), (98, 27733), (105, 27754), (Start: 134 @27838 has 1 MA's), (150, 27862), (160, 27877), (164, 27889), (198, 28000), (237, 28114), (245, 28132), (260, 28171), (267, 28195), (276, 28231), (283, 28258), (292, 28282), (297, 28297), (323, 28405), (344, 28453), (368, 28522), (378, 28552),

Gene: C3_09 Start: 6596, Stop: 7345, Start Num: 143

Candidate Starts for C3_09:

(Start: 143 @6596 has 16 MA's), (158, 6602), (199, 6743), (233, 6830), (236, 6854), (238, 6860), (250, 6887), (267, 6938), (270, 6956), (308, 7100), (324, 7163), (344, 7211), (345, 7214), (360, 7244), (362, 7253),

Gene: CRB1_11 Start: 6408, Stop: 7385, Start Num: 66

Candidate Starts for CRB1_11:

(Start: 66 @6408 has 361 MA's), (Start: 81 @6462 has 2 MA's), (108, 6519), (168, 6651), (178, 6687), (182, 6699), (198, 6756), (211, 6792), (233, 6840), (241, 6879), (268, 6951), (270, 6966), (288, 7029), (302, 7071), (308, 7119), (314, 7146), (319, 7161), (323, 7179), (324, 7182), (340, 7218), (362, 7272), (389, 7371),

Gene: Cabrinians_31 Start: 27775, Stop: 28776, Start Num: 59

Candidate Starts for Cabrinians_31:

(Start: 59 @27775 has 240 MA's), (Start: 81 @27850 has 2 MA's), (88, 27883), (98, 27913), (105, 27934), (117, 27964), (119, 27976), (Start: 134 @28018 has 1 MA's), (150, 28042), (160, 28057), (164, 28069), (198, 28180), (237, 28294), (245, 28312), (260, 28351), (267, 28375), (276, 28411), (297, 28477), (323, 28585), (344, 28633), (351, 28645), (366, 28690), (368, 28702), (378, 28732),

Gene: Cactojaque_247 Start: 143484, Stop: 144512, Start Num: 56

Candidate Starts for Cactojaque_247:

(Start: 56 @143484 has 172 MA's), (Start: 66 @143514 has 361 MA's), (71, 143526), (Start: 81 @143568 has 2 MA's), (98, 143631), (105, 143652), (Start: 134 @143736 has 1 MA's), (160, 143778), (164, 143790), (168, 143805), (189, 143874), (198, 143901), (218, 143955), (231, 144000), (232, 144003), (257, 144081), (264, 144102), (297, 144213), (319, 144303), (323, 144321), (356, 144393), (366, 144426),

Gene: CactusRose_9 Start: 5756, Stop: 6724, Start Num: 66

Candidate Starts for CactusRose_9:

(Start: 66 @5756 has 361 MA's), (Start: 75 @5789 has 5 MA's), (Start: 80 @5807 has 1 MA's), (Start: 81 @5810 has 2 MA's), (184, 6077), (198, 6128), (201, 6140), (233, 6215), (252, 6278), (258, 6290), (264, 6311), (267, 6323), (270, 6341), (276, 6359), (282, 6383), (297, 6422), (317, 6503), (323, 6527), (324, 6530), (325, 6533), (330, 6542), (378, 6674), (393, 6716),

Gene: Caelakin_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Caelakin_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Cali_242 Start: 144263, Stop: 145291, Start Num: 56

Candidate Starts for Cali_242:

(Start: 56 @144263 has 172 MA's), (Start: 66 @144293 has 361 MA's), (Start: 81 @144347 has 2 MA's), (98, 144410), (105, 144431), (Start: 134 @144515 has 1 MA's), (160, 144557), (164, 144569), (168, 144584), (189, 144653), (198, 144680), (218, 144734), (231, 144779), (232, 144782), (257, 144860), (264, 144881), (297, 144992), (319, 145082), (323, 145100), (356, 145172), (366, 145205),

Gene: Calm_26 Start: 25561, Stop: 26592, Start Num: 54

Candidate Starts for Calm_26:

(Start: 54 @25561 has 27 MA's), (103, 25714), (104, 25717), (115, 25741), (118, 25753), (122, 25771), (129, 25789), (136, 25807), (139, 25813), (144, 25822), (156, 25837), (161, 25852), (182, 25924), (198, 25981), (212, 26020), (238, 26098), (241, 26107), (243, 26110), (250, 26125), (266, 26179), (270, 26200), (274, 26215), (301, 26299), (308, 26329), (324, 26398), (330, 26410), (341, 26434), (347, 26452), (351, 26455), (356, 26467), (358, 26470), (366, 26500), (368, 26512),

Gene: Camperdownii_9 Start: 5498, Stop: 6478, Start Num: 68

Candidate Starts for Camperdownii_9:

(Start: 68 @5498 has 108 MA's), (74, 5525), (Start: 80 @5546 has 1 MA's), (Start: 81 @5549 has 2 MA's), (182, 5798), (198, 5855), (201, 5867), (211, 5891), (224, 5918), (234, 5939), (248, 5987), (270, 6044), (317, 6194), (363, 6305), (366, 6317), (368, 6329), (392, 6395),

Gene: Candle_39 Start: 35346, Stop: 36395, Start Num: 56

Candidate Starts for Candle_39:

(Start: 56 @35346 has 172 MA's), (Start: 81 @35430 has 2 MA's), (84, 35439), (89, 35463), (98, 35493), (105, 35514), (113, 35532), (118, 35550), (124, 35571), (128, 35580), (Start: 134 @35598 has 1 MA's), (Start: 157 @35625 has 2 MA's), (170, 35667), (195, 35757), (210, 35799), (219, 35820), (244, 35919), (256, 35946), (275, 36018), (294, 36072), (340, 36222), (353, 36249), (356, 36258), (367, 36300), (368, 36303), (369, 36309), (373, 36318), (386, 36354), (389, 36363), (396, 36372),

Gene: Cane17_241 Start: 147674, Stop: 148708, Start Num: 56

Candidate Starts for Cane17_241:

(Start: 56 @147674 has 172 MA's), (Start: 66 @147704 has 361 MA's), (Start: 81 @147758 has 2 MA's), (98, 147821), (105, 147842), (Start: 134 @147926 has 1 MA's), (160, 147968), (164, 147980), (168, 147995), (189, 148064), (198, 148091), (218, 148145), (231, 148190), (232, 148193), (257, 148271), (264, 148292), (297, 148403), (319, 148493), (323, 148511), (356, 148583), (366, 148616), (396, 148703),

Gene: Capablanca_257 Start: 146517, Stop: 147545, Start Num: 56

Candidate Starts for Capablanca_257:

(Start: 56 @146517 has 172 MA's), (Start: 66 @146547 has 361 MA's), (71, 146559), (Start: 81 @146601 has 2 MA's), (98, 146664), (105, 146685), (Start: 134 @146769 has 1 MA's), (160, 146811), (164, 146823), (168, 146838), (189, 146907), (198, 146934), (218, 146988), (231, 147033), (232, 147036), (257, 147114), (264, 147135), (297, 147246), (319, 147336), (323, 147354), (356, 147426), (366, 147459),

Gene: CaptainTrips_32 Start: 27915, Stop: 28916, Start Num: 59

Candidate Starts for CaptainTrips_32:

(Start: 59 @27915 has 240 MA's), (Start: 66 @27936 has 361 MA's), (71, 27948), (Start: 81 @27990 has 2 MA's), (98, 28053), (105, 28074), (Start: 134 @28158 has 1 MA's), (150, 28182), (160, 28197), (164, 28209), (198, 28320), (237, 28434), (245, 28452), (260, 28491), (267, 28515), (276, 28551), (283, 28578), (297, 28617), (323, 28725), (344, 28773), (351, 28785), (366, 28830), (368, 28842), (378, 28872),

Gene: Caravan_242 Start: 144567, Stop: 145595, Start Num: 56

Candidate Starts for Caravan_242:

(Start: 56 @144567 has 172 MA's), (Start: 66 @144597 has 361 MA's), (71, 144609), (Start: 81 @144651 has 2 MA's), (98, 144714), (105, 144735), (Start: 134 @144819 has 1 MA's), (160, 144861), (164, 144873), (168, 144888), (189, 144957), (198, 144984), (218, 145038), (231, 145083), (232, 145086), (257, 145164), (264, 145185), (297, 145296), (319, 145386), (323, 145404), (356, 145476), (366, 145509),

Gene: Carlyle_12 Start: 6604, Stop: 7572, Start Num: 66

Candidate Starts for Carlyle_12:

(Start: 66 @6604 has 361 MA's), (Start: 75 @6637 has 5 MA's), (Start: 80 @6655 has 1 MA's), (Start: 81 @6658 has 2 MA's), (184, 6925), (198, 6976), (201, 6988), (233, 7063), (252, 7126), (258, 7138), (264, 7159), (267, 7171), (270, 7189), (276, 7207), (282, 7231), (297, 7270), (317, 7351), (323, 7375), (324, 7378), (325, 7381), (330, 7390), (365, 7477), (378, 7522), (393, 7564),

Gene: Casbah_46 Start: 41385, Stop: 42449, Start Num: 50

Candidate Starts for Casbah_46:

(Start: 50 @41385 has 44 MA's), (72, 41448), (94, 41529), (117, 41595), (120, 41610), (124, 41622), (135, 41649), (167, 41706), (170, 41715), (217, 41862), (223, 41877), (236, 41931), (251, 41964), (265, 42003), (268, 42015), (289, 42096), (297, 42114), (298, 42117), (308, 42162), (344, 42273), (382, 42384), (389, 42405), (402, 42438),

Gene: Catdawg_67 Start: 43468, Stop: 44508, Start Num: 59

Candidate Starts for Catdawg_67:

(Start: 59 @43468 has 240 MA's), (Start: 81 @43543 has 2 MA's), (98, 43624), (Start: 100 @43630 has 1 MA's), (105, 43645), (132, 43726), (Start: 134 @43729 has 1 MA's), (164, 43783), (168, 43798), (198, 43894), (212, 43933), (220, 43963), (231, 43993), (232, 43996), (238, 44029), (264, 44095), (276, 44143), (283, 44170), (297, 44209), (355, 44383), (368, 44434),

Gene: Catera_241 Start: 143006, Stop: 144034, Start Num: 56

Candidate Starts for Catera_241:

(Start: 56 @143006 has 172 MA's), (Start: 66 @143036 has 361 MA's), (71, 143048), (Start: 81 @143090 has 2 MA's), (98, 143153), (105, 143174), (Start: 134 @143258 has 1 MA's), (160, 143300), (164, 143312), (168, 143327), (189, 143396), (198, 143423), (218, 143477), (231, 143522), (232, 143525), (257, 143603), (264, 143624), (297, 143735), (319, 143825), (323, 143843), (356, 143915), (366, 143948),

Gene: Caviar_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Caviar_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Centaur_13 Start: 6923, Stop: 7900, Start Num: 66

Candidate Starts for Centaur_13:

(Start: 66 @6923 has 361 MA's), (Start: 81 @6977 has 2 MA's), (108, 7034), (168, 7166), (182, 7214), (198, 7271), (211, 7307), (233, 7355), (241, 7394), (268, 7466), (270, 7481), (283, 7526), (288, 7544), (302, 7586), (308, 7634), (314, 7661), (319, 7676), (323, 7694), (324, 7697), (362, 7787),

Gene: CentreCat_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for CentreCat_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: Cerasum_27 Start: 23733, Stop: 24731, Start Num: 59

Candidate Starts for Cerasum_27:

(Start: 59 @23733 has 240 MA's), (Start: 81 @23808 has 2 MA's), (98, 23868), (105, 23889), (Start: 134 @23973 has 1 MA's), (164, 24024), (168, 24039), (198, 24135), (233, 24222), (236, 24246), (245, 24267), (260, 24306), (264, 24318), (276, 24366), (283, 24393), (292, 24417), (297, 24432), (323, 24540), (344, 24588), (368, 24657), (378, 24687),

Gene: Cerulean_10 Start: 5859, Stop: 6839, Start Num: 68

Candidate Starts for Cerulean_10:

(Start: 68 @5859 has 108 MA's), (74, 5886), (Start: 80 @5907 has 1 MA's), (Start: 81 @5910 has 2 MA's), (182, 6159), (198, 6216), (201, 6228), (224, 6279), (234, 6300), (248, 6348), (270, 6405), (317, 6555), (366, 6678), (368, 6690), (392, 6756),

Gene: ChaChing_47 Start: 41548, Stop: 42612, Start Num: 50

Candidate Starts for ChaChing_47:

(Start: 50 @41548 has 44 MA's), (72, 41611), (94, 41692), (117, 41758), (120, 41773), (124, 41785), (135, 41812), (167, 41869), (170, 41878), (217, 42025), (223, 42040), (236, 42094), (251, 42127), (265, 42166), (268, 42178), (289, 42259), (297, 42277), (298, 42280), (308, 42325), (344, 42436), (382, 42547), (389, 42568), (402, 42601),

Gene: ChampagnePapi_10 Start: 5858, Stop: 6838, Start Num: 68

Candidate Starts for ChampagnePapi_10:

(Start: 68 @5858 has 108 MA's), (74, 5885), (Start: 80 @5906 has 1 MA's), (Start: 81 @5909 has 2 MA's), (182, 6158), (198, 6215), (201, 6227), (224, 6278), (234, 6299), (248, 6347), (270, 6404), (317, 6554), (366, 6677), (368, 6689), (392, 6755),

Gene: Chanagan_9 Start: 5654, Stop: 6568, Start Num: 81

Candidate Starts for Chanagan_9:

(Start: 66 @5600 has 361 MA's), (Start: 75 @5633 has 5 MA's), (Start: 80 @5651 has 1 MA's), (Start: 81 @5654 has 2 MA's), (184, 5921), (198, 5972), (201, 5984), (233, 6059), (252, 6122), (258, 6134), (264, 6155), (267, 6167), (270, 6185), (276, 6203), (282, 6227), (297, 6266), (317, 6347), (323, 6371), (324, 6374), (325, 6377), (330, 6386), (365, 6473), (393, 6560),

Gene: Chandler_47 Start: 42316, Stop: 43380, Start Num: 50

Candidate Starts for Chandler_47:

(Start: 50 @42316 has 44 MA's), (72, 42379), (94, 42460), (117, 42526), (120, 42541), (124, 42553), (135, 42580), (167, 42637), (170, 42646), (217, 42793), (223, 42808), (236, 42862), (251, 42895), (265, 42934), (268, 42946), (289, 43027), (297, 43045), (298, 43048), (344, 43204), (382, 43315), (389, 43336), (402, 43369),

Gene: Changeling_14 Start: 8284, Stop: 9261, Start Num: 66

Candidate Starts for Changeling_14:

(Start: 66 @8284 has 361 MA's), (Start: 81 @8338 has 2 MA's), (168, 8527), (178, 8563), (182, 8575), (198, 8632), (211, 8668), (233, 8716), (241, 8755), (267, 8824), (270, 8842), (283, 8887), (288, 8905), (302, 8947), (308, 8995), (314, 9022), (319, 9037), (324, 9058), (340, 9094), (341, 9097), (362, 9148),

Gene: Chaph_10 Start: 5890, Stop: 6870, Start Num: 68

Candidate Starts for Chaph_10:

(Start: 68 @5890 has 108 MA's), (Start: 70 @5893 has 14 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (198, 6247), (234, 6331), (236, 6352), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (363, 6697), (366, 6709), (368, 6721), (392, 6787),

Gene: Chargie21_250 Start: 142761, Stop: 143789, Start Num: 56

Candidate Starts for Chargie21_250:

(Start: 56 @142761 has 172 MA's), (Start: 66 @142791 has 361 MA's), (71, 142803), (Start: 81 @142845 has 2 MA's), (98, 142908), (105, 142929), (Start: 134 @143013 has 1 MA's), (160, 143055), (164, 143067), (168, 143082), (189, 143151), (198, 143178), (218, 143232), (231, 143277), (232, 143280), (233, 143283), (257, 143358), (264, 143379), (297, 143490), (319, 143580), (323, 143598), (356, 143670), (366, 143703),

Gene: CharlieB_247 Start: 144029, Stop: 145057, Start Num: 56

Candidate Starts for CharlieB_247:

(Start: 56 @144029 has 172 MA's), (Start: 66 @144059 has 361 MA's), (Start: 81 @144113 has 2 MA's), (98, 144176), (105, 144197), (Start: 134 @144281 has 1 MA's), (160, 144323), (164, 144335), (168, 144350), (189, 144419), (198, 144446), (218, 144500), (231, 144545), (232, 144548), (257, 144626), (264, 144647), (297, 144758), (319, 144848), (323, 144866), (356, 144938), (366, 144971),

Gene: Chaser_26 Start: 25327, Stop: 26349, Start Num: 54

Candidate Starts for Chaser_26:

(Start: 54 @25327 has 27 MA's), (87, 25438), (Start: 100 @25471 has 1 MA's), (102, 25477), (104, 25483), (142, 25585), (144, 25588), (164, 25627), (170, 25648), (182, 25690), (198, 25747), (237, 25861), (241, 25873), (270, 25966), (298, 26047), (299, 26050), (308, 26095), (324, 26158), (330, 26170), (362, 26245), (368, 26272),

Gene: ChaylaJr_251 Start: 143703, Stop: 144731, Start Num: 56

Candidate Starts for ChaylaJr_251:

(Start: 56 @143703 has 172 MA's), (Start: 66 @143733 has 361 MA's), (71, 143745), (Start: 81 @143787 has 2 MA's), (98, 143850), (105, 143871), (Start: 134 @143955 has 1 MA's), (160, 143997), (164, 144009), (168, 144024), (189, 144093), (198, 144120), (218, 144174), (231, 144219), (232, 144222), (257, 144300), (264, 144321), (297, 144432), (319, 144522), (323, 144540), (356, 144612), (366, 144645),

Gene: Che8_33 Start: 27957, Stop: 28958, Start Num: 59

Candidate Starts for Che8_33:

(34, 27858), (Start: 59 @27957 has 240 MA's), (Start: 81 @28032 has 2 MA's), (88, 28065), (98, 28095), (105, 28116), (117, 28146), (Start: 134 @28200 has 1 MA's), (150, 28224), (160, 28239), (164, 28251), (198, 28362), (237, 28476), (245, 28494), (260, 28533), (267, 28557), (276, 28593), (283, 28620), (297, 28659), (308, 28707), (323, 28767), (344, 28815), (351, 28827), (366, 28872), (368, 28884), (378, 28914),

Gene: Che9d_36 Start: 26815, Stop: 27888, Start Num: 59

Candidate Starts for Che9d_36:

(Start: 59 @26815 has 240 MA's), (Start: 70 @26842 has 14 MA's), (76, 26872), (98, 26953), (102, 26965), (108, 26983), (128, 27040), (137, 27064), (139, 27067), (Start: 157 @27085 has 2 MA's), (167, 27118), (170, 27127), (184, 27178), (195, 27220), (200, 27244), (202, 27253), (206, 27265), (217, 27295), (225, 27325), (226, 27328), (236, 27385), (237, 27388), (249, 27415), (252, 27424), (268, 27472), (289, 27553), (308, 27628), (344, 27736), (363, 27781), (364, 27784), (365, 27790), (368, 27805), (390, 27871),

Gene: Chevrolet_30 Start: 27820, Stop: 29067, Start Num: 25

Candidate Starts for Chevrolet_30:

(25, 27820), (26, 27823), (28, 27871), (43, 28006), (46, 28015), (Start: 59 @28051 has 240 MA's), (93, 28183), (98, 28204), (105, 28225), (117, 28255), (119, 28267), (Start: 134 @28309 has 1 MA's), (164, 28360), (198, 28471), (237, 28585), (245, 28603), (260, 28642), (267, 28666), (276, 28702), (283, 28729), (297, 28768), (323, 28876), (344, 28924), (351, 28936), (366, 28981), (368, 28993), (378, 29023),

Gene: ChickenDinner_33 Start: 28140, Stop: 29141, Start Num: 59

Candidate Starts for ChickenDinner_33:

(23, 27879), (34, 28041), (Start: 59 @28140 has 240 MA's), (Start: 81 @28215 has 2 MA's), (98, 28278), (105, 28299), (Start: 134 @28383 has 1 MA's), (150, 28407), (160, 28422), (164, 28434), (198, 28545), (237, 28659), (245, 28677), (260, 28716), (267, 28740), (276, 28776), (283, 28803), (297, 28842), (323, 28950), (344, 28998), (351, 29010), (368, 29067), (378, 29097),

Gene: ChickenPhender_248 Start: 142459, Stop: 143487, Start Num: 56

Candidate Starts for ChickenPhender_248:

(Start: 56 @142459 has 172 MA's), (Start: 66 @142489 has 361 MA's), (71, 142501), (Start: 81 @142543 has 2 MA's), (98, 142606), (105, 142627), (Start: 134 @142711 has 1 MA's), (160, 142753), (164, 142765), (168, 142780), (189, 142849), (198, 142876), (218, 142930), (231, 142975), (232, 142978), (257, 143056), (264, 143077), (297, 143188), (319, 143278), (323, 143296), (356, 143368),

(366, 143401),

Gene: ChipMunk_13 Start: 6810, Stop: 7802, Start Num: 66

Candidate Starts for ChipMunk_13:

(Start: 66 @6810 has 361 MA's), (Start: 80 @6861 has 1 MA's), (Start: 81 @6864 has 2 MA's), (158, 7032), (168, 7065), (185, 7125), (198, 7170), (233, 7257), (245, 7302), (264, 7341), (277, 7389), (281, 7404), (306, 7470), (310, 7494), (316, 7512), (354, 7599), (368, 7647), (388, 7713), (412, 7788),

Gene: Chomp_250 Start: 145895, Stop: 146923, Start Num: 56

Candidate Starts for Chomp_250:

(Start: 56 @145895 has 172 MA's), (Start: 66 @145925 has 361 MA's), (71, 145937), (Start: 81 @145979 has 2 MA's), (98, 146042), (105, 146063), (Start: 134 @146147 has 1 MA's), (160, 146189), (164, 146201), (168, 146216), (189, 146285), (198, 146312), (218, 146366), (231, 146411), (232, 146414), (257, 146492), (264, 146513), (297, 146624), (319, 146714), (323, 146732), (356, 146804), (366, 146837),

Gene: Chuckly_31 Start: 27691, Stop: 28692, Start Num: 59

Candidate Starts for Chuckly_31:

(Start: 59 @27691 has 240 MA's), (Start: 66 @27712 has 361 MA's), (71, 27724), (Start: 81 @27766 has 2 MA's), (98, 27829), (105, 27850), (117, 27880), (Start: 134 @27934 has 1 MA's), (150, 27958), (164, 27985), (198, 28096), (237, 28210), (245, 28228), (260, 28267), (267, 28291), (276, 28327), (283, 28354), (297, 28393), (308, 28441), (323, 28501), (351, 28561), (368, 28618), (378, 28648),

Gene: Chupacabra_10 Start: 5710, Stop: 6684, Start Num: 66

Candidate Starts for Chupacabra_10:

(53, 5671), (Start: 66 @5710 has 361 MA's), (Start: 81 @5764 has 2 MA's), (136, 5917), (198, 6079), (203, 6094), (211, 6115), (233, 6163), (236, 6187), (238, 6193), (241, 6202), (267, 6271), (270, 6289), (283, 6334), (288, 6352), (308, 6430), (314, 6457), (319, 6472), (324, 6493), (362, 6583), (372, 6625), (396, 6676),

Gene: Ciao_10 Start: 5986, Stop: 6954, Start Num: 66

Candidate Starts for Ciao_10:

(Start: 66 @5986 has 361 MA's), (Start: 75 @6019 has 5 MA's), (Start: 80 @6037 has 1 MA's), (Start: 81 @6040 has 2 MA's), (184, 6307), (198, 6358), (201, 6370), (233, 6445), (252, 6508), (258, 6520), (264, 6541), (267, 6553), (270, 6571), (276, 6589), (282, 6613), (297, 6652), (317, 6733), (323, 6757), (324, 6760), (325, 6763), (330, 6772), (378, 6904), (393, 6946),

Gene: CicholasNage_26 Start: 25549, Stop: 26580, Start Num: 54

Candidate Starts for CicholasNage_26:

(Start: 54 @25549 has 27 MA's), (103, 25702), (104, 25705), (115, 25729), (118, 25741), (122, 25759), (129, 25777), (136, 25795), (139, 25801), (144, 25810), (156, 25825), (161, 25840), (182, 25912), (198, 25969), (212, 26008), (238, 26086), (241, 26095), (243, 26098), (250, 26113), (266, 26167), (270, 26188), (274, 26203), (301, 26287), (308, 26317), (324, 26386), (330, 26398), (341, 26422), (347, 26440), (351, 26443), (356, 26455), (358, 26458), (366, 26488), (368, 26500),

Gene: Cici_10 Start: 5878, Stop: 6858, Start Num: 68

Candidate Starts for Cici_10:

(36, 5818), (41, 5836), (Start: 68 @5878 has 108 MA's), (Start: 70 @5881 has 14 MA's), (74, 5905), (Start: 80 @5926 has 1 MA's), (Start: 81 @5929 has 2 MA's), (182, 6178), (197, 6229), (198, 6235), (201, 6247), (213, 6277), (234, 6319), (248, 6367), (265, 6397), (270, 6424), (317, 6574), (366, 6697), (368, 6709), (370, 6718), (392, 6775), (413, 6850),

Gene: Cindaradix_9 Start: 5587, Stop: 6567, Start Num: 68

Candidate Starts for Cindaradix_9:

(Start: 68 @5587 has 108 MA's), (74, 5614), (Start: 80 @5635 has 1 MA's), (Start: 81 @5638 has 2 MA's), (162, 5818), (182, 5887), (189, 5914), (198, 5944), (201, 5956), (224, 6007), (234, 6028), (236, 6049), (248, 6076), (265, 6106), (270, 6133), (317, 6283), (368, 6418), (370, 6427), (392, 6484), (413, 6559),

Gene: CindyLou_253 Start: 146155, Stop: 147183, Start Num: 56

Candidate Starts for CindyLou_253:

(Start: 56 @146155 has 172 MA's), (Start: 66 @146185 has 361 MA's), (71, 146197), (Start: 81 @146239 has 2 MA's), (98, 146302), (105, 146323), (Start: 134 @146407 has 1 MA's), (160, 146449), (164, 146461), (168, 146476), (189, 146545), (198, 146572), (218, 146626), (231, 146671), (232, 146674), (257, 146752), (264, 146773), (297, 146884), (319, 146974), (323, 146992), (356, 147064), (366, 147097),

Gene: Cintron_10 Start: 5926, Stop: 6906, Start Num: 68

Candidate Starts for Cintron_10:

(Start: 68 @5926 has 108 MA's), (74, 5953), (Start: 80 @5974 has 1 MA's), (Start: 81 @5977 has 2 MA's), (182, 6226), (197, 6277), (198, 6283), (201, 6295), (230, 6358), (234, 6367), (248, 6415), (270, 6472), (317, 6622), (323, 6646), (341, 6679), (364, 6736), (368, 6757), (392, 6823), (413, 6898),

Gene: Citius_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Citius_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Clarenza_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Clarenza_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Claus_28 Start: 26280, Stop: 27251, Start Num: 66

Candidate Starts for Claus_28:

(Start: 66 @26280 has 361 MA's), (Start: 81 @26334 has 2 MA's), (123, 26454), (129, 26469), (Start: 134 @26484 has 1 MA's), (Start: 146 @26499 has 1 MA's), (160, 26532), (170, 26565), (189, 26628), (198, 26655), (205, 26679), (237, 26760), (241, 26772), (256, 26799), (268, 26835), (270, 26850), (274, 26865), (287, 26910), (298, 26925), (318, 27006), (323, 27024), (324, 27027), (325, 27030), (343, 27057), (366, 27126), (378, 27168), (398, 27210),

Gene: Clautastrophe_28 Start: 26850, Stop: 27893, Start Num: 66

Candidate Starts for Clautastrophe_28:

(Start: 66 @26850 has 361 MA's), (Start: 70 @26856 has 14 MA's), (Start: 75 @26883 has 5 MA's), (Start: 81 @26904 has 2 MA's), (Start: 100 @26955 has 1 MA's), (128, 27036), (172, 27141), (197, 27222), (198, 27228), (235, 27324), (239, 27342), (241, 27348), (245, 27354), (270, 27426), (286, 27483), (309, 27543), (327, 27618), (336, 27639), (343, 27663), (348, 27678), (353, 27690), (368, 27747), (404, 27849), (408, 27870),

Gene: Clifton_25 Start: 23661, Stop: 24662, Start Num: 59

Candidate Starts for Clifton_25:

(Start: 59 @23661 has 240 MA's), (Start: 66 @23682 has 361 MA's), (71, 23694), (Start: 81 @23736 has 2 MA's), (98, 23799), (105, 23820), (117, 23850), (Start: 134 @23904 has 1 MA's), (150, 23928), (160, 23943), (164, 23955), (198, 24066), (237, 24180), (245, 24198), (260, 24237), (267, 24261),

(276, 24297), (283, 24324), (297, 24363), (308, 24411), (323, 24471), (351, 24531), (368, 24588), (378, 24618),

Gene: Coco12_31 Start: 27582, Stop: 28580, Start Num: 59

Candidate Starts for Coco12_31:

(Start: 59 @27582 has 240 MA's), (Start: 81 @27657 has 2 MA's), (98, 27717), (105, 27738), (Start: 134 @27822 has 1 MA's), (164, 27873), (168, 27888), (198, 27984), (233, 28071), (236, 28095), (245, 28116), (260, 28155), (264, 28167), (276, 28215), (283, 28242), (292, 28266), (297, 28281), (323, 28389), (344, 28437), (368, 28506), (378, 28536),

Gene: Cocoaberry_10 Start: 5885, Stop: 6865, Start Num: 68

Candidate Starts for Cocoaberry_10:

(Start: 68 @5885 has 108 MA's), (Start: 70 @5888 has 14 MA's), (74, 5912), (Start: 80 @5933 has 1 MA's), (Start: 81 @5936 has 2 MA's), (182, 6185), (198, 6242), (234, 6326), (236, 6347), (248, 6374), (265, 6404), (270, 6431), (317, 6581), (363, 6692), (366, 6704), (368, 6716), (392, 6782),

Gene: Colbster_12 Start: 5962, Stop: 6927, Start Num: 60

Candidate Starts for Colbster_12:

(Start: 60 @5962 has 92 MA's), (Start: 75 @6007 has 5 MA's), (Start: 81 @6028 has 2 MA's), (123, 6148), (182, 6286), (198, 6343), (203, 6358), (236, 6439), (241, 6454), (250, 6472), (267, 6523), (270, 6541), (283, 6586), (308, 6682), (324, 6745), (341, 6784), (362, 6835),

Gene: Colin_15 Start: 8102, Stop: 9079, Start Num: 66

Candidate Starts for Colin_15:

(47, 8060), (Start: 66 @8102 has 361 MA's), (Start: 81 @8156 has 2 MA's), (182, 8393), (198, 8450), (233, 8534), (238, 8564), (241, 8573), (267, 8642), (270, 8660), (288, 8723), (302, 8765), (308, 8813), (314, 8840), (319, 8855), (323, 8873), (324, 8876), (341, 8915), (360, 8957), (362, 8966),

Gene: Colt_242 Start: 146866, Stop: 147900, Start Num: 56

Candidate Starts for Colt_242:

(Start: 56 @146866 has 172 MA's), (Start: 66 @146896 has 361 MA's), (Start: 81 @146950 has 2 MA's), (98, 147013), (105, 147034), (Start: 134 @147118 has 1 MA's), (160, 147160), (164, 147172), (168, 147187), (189, 147256), (198, 147283), (218, 147337), (231, 147382), (232, 147385), (257, 147463), (264, 147484), (297, 147595), (319, 147685), (323, 147703), (356, 147775), (366, 147808), (396, 147895),

Gene: Commander_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Commander_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Compostia_48 Start: 41964, Stop: 43028, Start Num: 50

Candidate Starts for Compostia_48:

(Start: 50 @41964 has 44 MA's), (72, 42027), (94, 42108), (117, 42174), (120, 42189), (124, 42201), (135, 42228), (167, 42285), (170, 42294), (217, 42441), (223, 42456), (236, 42510), (251, 42543), (265, 42582), (268, 42594), (289, 42675), (297, 42693), (298, 42696), (308, 42741), (344, 42852), (382, 42963), (389, 42984), (402, 43017),

Gene: ConceptII_10 Start: 6237, Stop: 7205, Start Num: 66

Candidate Starts for ConceptII_10:

(Start: 66 @6237 has 361 MA's), (Start: 75 @6270 has 5 MA's), (Start: 80 @6288 has 1 MA's), (Start: 81 @6291 has 2 MA's), (184, 6558), (198, 6609), (201, 6621), (233, 6696), (252, 6759), (264, 6792),

(267, 6804), (270, 6822), (276, 6840), (282, 6864), (297, 6903), (317, 6984), (323, 7008), (324, 7011), (325, 7014), (330, 7023), (365, 7110), (393, 7197),

Gene: Concombres_258 Start: 146500, Stop: 147528, Start Num: 56

Candidate Starts for Concombres_258:

(Start: 56 @146500 has 172 MA's), (Start: 66 @146530 has 361 MA's), (71, 146542), (Start: 81 @146584 has 2 MA's), (98, 146647), (105, 146668), (Start: 134 @146752 has 1 MA's), (160, 146794), (164, 146806), (168, 146821), (189, 146890), (198, 146917), (218, 146971), (231, 147016), (232, 147019), (257, 147097), (264, 147118), (297, 147229), (319, 147319), (323, 147337), (356, 147409), (366, 147442),

Gene: Connomayer_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Connomayer_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Constella_41 Start: 38707, Stop: 39573, Start Num: 86

Candidate Starts for Constella_41:

(Start: 86 @38707 has 30 MA's), (Start: 100 @38734 has 1 MA's), (148, 38842), (Start: 157 @38863 has 2 MA's), (172, 38908), (180, 38929), (188, 38950), (205, 39004), (231, 39055), (245, 39106), (301, 39256), (311, 39298), (323, 39349), (333, 39367), (358, 39433), (361, 39445), (363, 39454), (369, 39484), (391, 39547),

Gene: Corndog_70 Start: 44462, Stop: 45502, Start Num: 59

Candidate Starts for Corndog_70:

(Start: 59 @44462 has 240 MA's), (Start: 81 @44537 has 2 MA's), (98, 44618), (Start: 100 @44624 has 1 MA's), (105, 44639), (132, 44720), (Start: 134 @44723 has 1 MA's), (164, 44777), (168, 44792), (198, 44888), (212, 44927), (220, 44957), (231, 44987), (232, 44990), (238, 45023), (264, 45089), (273, 45128), (276, 45137), (283, 45164), (297, 45203), (355, 45377), (368, 45428),

Gene: Cornie_31 Start: 28018, Stop: 29019, Start Num: 59

Candidate Starts for Cornie_31:

(Start: 59 @28018 has 240 MA's), (Start: 81 @28093 has 2 MA's), (88, 28126), (98, 28156), (105, 28177), (117, 28207), (119, 28219), (Start: 134 @28261 has 1 MA's), (150, 28285), (160, 28300), (164, 28312), (198, 28423), (237, 28537), (245, 28555), (260, 28594), (267, 28618), (276, 28654), (283, 28681), (292, 28705), (297, 28720), (323, 28828), (344, 28876), (368, 28945), (378, 28975),

Gene: Cornucopia_32 Start: 27534, Stop: 28535, Start Num: 59

Candidate Starts for Cornucopia_32:

(Start: 59 @27534 has 240 MA's), (Start: 81 @27609 has 2 MA's), (88, 27642), (98, 27672), (105, 27693), (Start: 134 @27777 has 1 MA's), (164, 27828), (198, 27939), (236, 28050), (245, 28071), (260, 28110), (264, 28122), (276, 28170), (283, 28197), (292, 28221), (297, 28236), (323, 28344), (351, 28404), (368, 28461), (378, 28491),

Gene: Corofin_47 Start: 41559, Stop: 42623, Start Num: 50

Candidate Starts for Corofin_47:

(Start: 50 @41559 has 44 MA's), (72, 41622), (94, 41703), (117, 41769), (120, 41784), (124, 41796), (135, 41823), (167, 41880), (170, 41889), (217, 42036), (223, 42051), (236, 42105), (251, 42138), (265, 42177), (268, 42189), (289, 42270), (297, 42288), (298, 42291), (344, 42447), (382, 42558), (389, 42579), (402, 42612),

Gene: Corvo_10 Start: 6181, Stop: 7149, Start Num: 66

Candidate Starts for Corvo_10:

(Start: 66 @6181 has 361 MA's), (Start: 75 @6214 has 5 MA's), (Start: 80 @6232 has 1 MA's), (Start: 81 @6235 has 2 MA's), (184, 6502), (198, 6553), (201, 6565), (233, 6640), (252, 6703), (258, 6715), (264, 6736), (267, 6748), (270, 6766), (276, 6784), (282, 6808), (297, 6847), (317, 6928), (323, 6952), (324, 6955), (325, 6958), (330, 6967), (365, 7054), (393, 7141),

Gene: Cosmo_52 Start: 38381, Stop: 39346, Start Num: 59

Candidate Starts for Cosmo_52:

(Start: 59 @38381 has 240 MA's), (77, 38444), (99, 38504), (104, 38519), (105, 38522), (112, 38534), (114, 38540), (124, 38576), (125, 38579), (164, 38651), (168, 38666), (170, 38672), (189, 38735), (198, 38765), (209, 38798), (236, 38861), (237, 38864), (252, 38903), (264, 38936), (270, 38963), (273, 38972), (282, 39005), (320, 39140), (324, 39155), (344, 39200), (362, 39242), (368, 39269), (382, 39311),

Gene: Courthouse_48 Start: 39086, Stop: 40090, Start Num: 66

Candidate Starts for Courthouse_48:

(Start: 66 @39086 has 361 MA's), (Start: 81 @39140 has 2 MA's), (Start: 100 @39191 has 1 MA's), (124, 39263), (164, 39338), (198, 39452), (201, 39464), (214, 39497), (237, 39566), (241, 39578), (247, 39590), (249, 39593), (267, 39638), (270, 39656), (318, 39818), (321, 39833), (324, 39842), (401, 40043),

Gene: Crispicous1_9 Start: 5465, Stop: 6433, Start Num: 66

Candidate Starts for Crispicous1_9:

(Start: 66 @5465 has 361 MA's), (Start: 75 @5498 has 5 MA's), (Start: 80 @5516 has 1 MA's), (Start: 81 @5519 has 2 MA's), (184, 5786), (198, 5837), (201, 5849), (233, 5924), (252, 5987), (258, 5999), (264, 6020), (267, 6032), (270, 6050), (276, 6068), (282, 6092), (297, 6131), (317, 6212), (323, 6236), (324, 6239), (325, 6242), (330, 6251), (365, 6338), (378, 6383), (393, 6425),

Gene: Crossroads_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Crossroads_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (123, 26477), (Start: 134 @26507 has 1 MA's), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (218, 26732), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Crucio_11 Start: 6372, Stop: 7364, Start Num: 66

Candidate Starts for Crucio_11:

(Start: 66 @6372 has 361 MA's), (Start: 80 @6423 has 1 MA's), (Start: 81 @6426 has 2 MA's), (91, 6459), (Start: 100 @6474 has 1 MA's), (158, 6594), (160, 6600), (185, 6687), (198, 6732), (245, 6864), (264, 6903), (277, 6951), (306, 7032), (316, 7074), (354, 7161), (368, 7209), (388, 7275), (412, 7350),

Gene: Crumble_25 Start: 23705, Stop: 24706, Start Num: 59

Candidate Starts for Crumble_25:

(Start: 59 @23705 has 240 MA's), (Start: 81 @23780 has 2 MA's), (88, 23813), (98, 23843), (105, 23864), (117, 23894), (119, 23906), (Start: 134 @23948 has 1 MA's), (150, 23972), (160, 23987), (164, 23999), (198, 24110), (237, 24224), (245, 24242), (260, 24281), (267, 24305), (276, 24341), (297, 24407), (323, 24515), (344, 24563), (351, 24575), (366, 24620), (368, 24632), (378, 24662),

Gene: Cueylyss_10 Start: 6167, Stop: 7102, Start Num: 75

Candidate Starts for Cueylyss_10:

(Start: 66 @6134 has 361 MA's), (Start: 75 @6167 has 5 MA's), (Start: 80 @6185 has 1 MA's), (Start: 81 @6188 has 2 MA's), (184, 6455), (198, 6506), (201, 6518), (233, 6593), (252, 6656), (258, 6668),

(264, 6689), (267, 6701), (270, 6719), (276, 6737), (282, 6761), (297, 6800), (317, 6881), (323, 6905), (324, 6908), (325, 6911), (330, 6920), (378, 7052), (393, 7094),

Gene: Cullens_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for Cullens_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: D29_12 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for D29_12:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: D32_14 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for D32_14:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: DBQu4n_14 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for DBQu4n_14:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (303, 7068), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: DD5_11 Start: 6716, Stop: 7684, Start Num: 66

Candidate Starts for DD5_11:

(Start: 66 @6716 has 361 MA's), (Start: 75 @6749 has 5 MA's), (Start: 80 @6767 has 1 MA's), (Start: 81 @6770 has 2 MA's), (184, 7037), (198, 7088), (201, 7100), (233, 7175), (252, 7238), (258, 7250), (264, 7271), (267, 7283), (270, 7301), (276, 7319), (282, 7343), (297, 7382), (317, 7463), (323, 7487), (324, 7490), (325, 7493), (330, 7502), (365, 7589), (393, 7676),

Gene: DLane_31 Start: 27486, Stop: 28484, Start Num: 59

Candidate Starts for DLane_31:

(Start: 59 @27486 has 240 MA's), (Start: 81 @27561 has 2 MA's), (98, 27621), (105, 27642), (Start: 134 @27726 has 1 MA's), (164, 27777), (168, 27792), (198, 27888), (236, 27999), (245, 28020), (260, 28059), (264, 28071), (276, 28119), (283, 28146), (292, 28170), (297, 28185), (323, 28293), (344, 28341), (368, 28410), (378, 28440),

Gene: DRBy19_31 Start: 27617, Stop: 28618, Start Num: 59

Candidate Starts for DRBy19_31:

(Start: 59 @27617 has 240 MA's), (Start: 81 @27692 has 2 MA's), (88, 27725), (98, 27755), (105, 27776), (117, 27806), (119, 27818), (Start: 134 @27860 has 1 MA's), (150, 27884), (160, 27899), (164, 27911), (198, 28022), (237, 28136), (245, 28154), (260, 28193), (267, 28217), (276, 28253), (297, 28319), (323, 28427), (344, 28475), (351, 28487), (366, 28532), (368, 28544), (378, 28574),

Gene: DS6A_31 Start: 26756, Stop: 27793, Start Num: 62

Candidate Starts for DS6A_31:

(43, 26702), (57, 26738), (Start: 62 @26756 has 8 MA's), (72, 26783), (98, 26864), (107, 26888), (129, 26954), (140, 26975), (Start: 152 @26990 has 17 MA's), (166, 27032), (171, 27047), (173, 27053), (198, 27146), (209, 27179), (237, 27260), (238, 27263), (241, 27272), (256, 27305), (258, 27308), (264, 27329), (267, 27341), (270, 27359), (285, 27407), (291, 27419), (331, 27545), (334, 27551), (341, 27566), (342, 27569), (346, 27581), (363, 27623), (364, 27626), (380, 27683), (397, 27716), (407, 27758),

Gene: DTDevon_253 Start: 146534, Stop: 147562, Start Num: 56

Candidate Starts for DTDevon_253:

(Start: 56 @146534 has 172 MA's), (Start: 66 @146564 has 361 MA's), (71, 146576), (Start: 81 @146618 has 2 MA's), (98, 146681), (105, 146702), (Start: 134 @146786 has 1 MA's), (160, 146828), (164, 146840), (168, 146855), (189, 146924), (198, 146951), (218, 147005), (231, 147050), (232, 147053), (257, 147131), (264, 147152), (297, 147263), (319, 147353), (323, 147371), (356, 147443), (366, 147476),

Gene: DaHudson_12 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for DaHudson_12:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: DaWorst_33 Start: 28055, Stop: 29056, Start Num: 59

Candidate Starts for DaWorst_33:

(3, 27434), (7, 27512), (9, 27575), (12, 27614), (19, 27767), (23, 27803), (Start: 59 @28055 has 240 MA's), (Start: 66 @28076 has 361 MA's), (71, 28088), (Start: 81 @28130 has 2 MA's), (98, 28193), (105, 28214), (117, 28244), (Start: 134 @28298 has 1 MA's), (150, 28322), (164, 28349), (198, 28460), (237, 28574), (245, 28592), (260, 28631), (267, 28655), (276, 28691), (283, 28718), (297, 28757), (308, 28805), (323, 28865), (351, 28925), (368, 28982), (378, 29012),

Gene: DaddyRickover_31 Start: 27698, Stop: 28699, Start Num: 59

Candidate Starts for DaddyRickover_31:

(Start: 59 @27698 has 240 MA's), (Start: 66 @27719 has 361 MA's), (Start: 81 @27773 has 2 MA's), (88, 27806), (98, 27836), (105, 27857), (117, 27887), (119, 27899), (Start: 134 @27941 has 1 MA's), (150, 27965), (160, 27980), (164, 27992), (198, 28103), (237, 28217), (245, 28235), (260, 28274), (267, 28298), (276, 28334), (283, 28361), (297, 28400), (308, 28448), (323, 28508), (344, 28556), (351, 28568), (366, 28613), (368, 28625), (378, 28655),

Gene: Daenerys_31 Start: 27519, Stop: 28520, Start Num: 59

Candidate Starts for Daenerys_31:

(30, 27357), (Start: 59 @27519 has 240 MA's), (Start: 81 @27594 has 2 MA's), (88, 27627), (98, 27657), (105, 27678), (117, 27708), (119, 27720), (Start: 134 @27762 has 1 MA's), (150, 27786), (160, 27801), (164, 27813), (198, 27924), (237, 28038), (245, 28056), (260, 28095), (267, 28119), (276, 28155), (283, 28182), (297, 28221), (308, 28269), (323, 28329), (344, 28377), (351, 28389), (366, 28434), (368, 28446), (378, 28476),

Gene: Daffodil_258 Start: 144821, Stop: 145849, Start Num: 56

Candidate Starts for Daffodil_258:

(Start: 56 @144821 has 172 MA's), (Start: 66 @144851 has 361 MA's), (71, 144863), (Start: 81 @144905 has 2 MA's), (98, 144968), (105, 144989), (Start: 134 @145073 has 1 MA's), (160, 145115), (164, 145127), (168, 145142), (189, 145211), (198, 145238), (218, 145292), (231, 145337), (232, 145340), (257, 145418), (264, 145439), (297, 145550), (319, 145640), (323, 145658), (356, 145730), (366, 145763),

Gene: Daishi_11 Start: 4878, Stop: 5852, Start Num: 66

Candidate Starts for Daishi_11:

(Start: 66 @4878 has 361 MA's), (Start: 81 @4932 has 2 MA's), (82, 4935), (150, 5106), (168, 5163), (182, 5211), (196, 5259), (198, 5268), (236, 5364), (241, 5379), (250, 5397), (266, 5445), (267, 5448), (270, 5466), (308, 5607), (314, 5634), (323, 5667), (324, 5670), (341, 5709), (347, 5727),

Gene: Daisy_47 Start: 41560, Stop: 42624, Start Num: 50

Candidate Starts for Daisy_47:

(Start: 50 @41560 has 44 MA's), (72, 41623), (94, 41704), (117, 41770), (120, 41785), (124, 41797), (135, 41824), (167, 41881), (170, 41890), (217, 42037), (223, 42052), (236, 42106), (251, 42139), (265, 42178), (268, 42190), (289, 42271), (297, 42289), (298, 42292), (308, 42337), (344, 42448), (382, 42559), (389, 42580), (402, 42613),

Gene: Dallas_51 Start: 42101, Stop: 42973, Start Num: 86

Candidate Starts for Dallas_51:

(Start: 86 @42101 has 30 MA's), (Start: 100 @42128 has 1 MA's), (Start: 157 @42257 has 2 MA's), (172, 42302), (180, 42323), (188, 42344), (205, 42398), (236, 42479), (331, 42758), (333, 42761), (341, 42785), (355, 42821), (360, 42836), (363, 42848), (367, 42869),

Gene: Dalmatian_11 Start: 6522, Stop: 7514, Start Num: 66

Candidate Starts for Dalmatian_11:

(Start: 66 @6522 has 361 MA's), (Start: 75 @6555 has 5 MA's), (Start: 80 @6573 has 1 MA's), (Start: 81 @6576 has 2 MA's), (91, 6609), (Start: 100 @6624 has 1 MA's), (158, 6744), (160, 6750), (168, 6777), (185, 6837), (198, 6882), (245, 7014), (264, 7053), (277, 7101), (306, 7182), (316, 7224), (354, 7311), (366, 7347), (371, 7371), (384, 7413), (388, 7425), (412, 7500),

Gene: Dandelion_258 Start: 147355, Stop: 148383, Start Num: 56

Candidate Starts for Dandelion_258:

(Start: 56 @147355 has 172 MA's), (Start: 66 @147385 has 361 MA's), (71, 147397), (Start: 81 @147439 has 2 MA's), (98, 147502), (105, 147523), (Start: 134 @147607 has 1 MA's), (160, 147649), (164, 147661), (168, 147676), (189, 147745), (198, 147772), (218, 147826), (231, 147871), (232, 147874), (257, 147952), (264, 147973), (297, 148084), (319, 148174), (323, 148192), (356, 148264), (366, 148297),

Gene: Dante_31 Start: 27637, Stop: 28638, Start Num: 59

Candidate Starts for Dante_31:

(Start: 59 @27637 has 240 MA's), (Start: 81 @27712 has 2 MA's), (88, 27745), (98, 27775), (105, 27796), (Start: 134 @27880 has 1 MA's), (150, 27904), (160, 27919), (164, 27931), (198, 28042), (237, 28156), (245, 28174), (260, 28213), (267, 28237), (276, 28273), (283, 28300), (297, 28339), (323, 28447), (351, 28507), (368, 28564), (378, 28594),

Gene: Darko_252 Start: 144479, Stop: 145507, Start Num: 56

Candidate Starts for Darko_252:

(Start: 56 @144479 has 172 MA's), (Start: 66 @144509 has 361 MA's), (71, 144521), (Start: 81 @144563 has 2 MA's), (98, 144626), (105, 144647), (Start: 134 @144731 has 1 MA's), (160, 144773), (164, 144785), (168, 144800), (189, 144869), (198, 144896), (218, 144950), (231, 144995), (232, 144998), (257, 145076), (264, 145097), (297, 145208), (319, 145298), (323, 145316), (356, 145388), (366, 145421),

Gene: Datway_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for Datway_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (198, 6247), (201, 6259), (213, 6289), (224, 6310), (234, 6331), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: DeadP_31 Start: 27683, Stop: 28681, Start Num: 59

Candidate Starts for DeadP_31:

(Start: 59 @27683 has 240 MA's), (Start: 81 @27758 has 2 MA's), (98, 27818), (105, 27839), (Start: 134 @27923 has 1 MA's), (164, 27974), (168, 27989), (198, 28085), (236, 28196), (245, 28217), (260,

28256), (264, 28268), (276, 28316), (283, 28343), (292, 28367), (297, 28382), (323, 28490), (344, 28538), (368, 28607), (378, 28637),

Gene: Deano_10 Start: 5887, Stop: 6867, Start Num: 68

Candidate Starts for Deano_10:

(Start: 68 @5887 has 108 MA's), (Start: 70 @5890 has 14 MA's), (74, 5914), (Start: 80 @5935 has 1 MA's), (Start: 81 @5938 has 2 MA's), (182, 6187), (198, 6244), (213, 6286), (234, 6328), (236, 6349), (248, 6376), (270, 6433), (317, 6583), (363, 6694), (366, 6706), (368, 6718), (392, 6784),

Gene: Deb65_31 Start: 27521, Stop: 28522, Start Num: 59

Candidate Starts for Deb65_31:

(34, 27422), (Start: 59 @27521 has 240 MA's), (Start: 66 @27542 has 361 MA's), (71, 27554), (Start: 81 @27596 has 2 MA's), (98, 27659), (105, 27680), (Start: 134 @27764 has 1 MA's), (150, 27788), (160, 27803), (164, 27815), (198, 27926), (237, 28040), (245, 28058), (260, 28097), (267, 28121), (276, 28157), (283, 28184), (297, 28223), (308, 28271), (323, 28331), (344, 28379), (351, 28391), (366, 28436), (368, 28448),

Gene: Deenasa_47 Start: 42295, Stop: 43359, Start Num: 50

Candidate Starts for Deenasa_47:

(Start: 50 @42295 has 44 MA's), (72, 42358), (94, 42439), (117, 42505), (120, 42520), (124, 42532), (135, 42559), (167, 42616), (170, 42625), (217, 42772), (223, 42787), (236, 42841), (251, 42874), (265, 42913), (268, 42925), (289, 43006), (297, 43024), (298, 43027), (308, 43072), (344, 43183), (382, 43294), (389, 43315), (402, 43348),

Gene: Delilah_250 Start: 144914, Stop: 145942, Start Num: 56

Candidate Starts for Delilah_250:

(Start: 56 @144914 has 172 MA's), (Start: 66 @144944 has 361 MA's), (71, 144956), (Start: 81 @144998 has 2 MA's), (98, 145061), (105, 145082), (Start: 134 @145166 has 1 MA's), (160, 145208), (164, 145220), (168, 145235), (189, 145304), (198, 145331), (218, 145385), (231, 145430), (232, 145433), (257, 145511), (264, 145532), (297, 145643), (319, 145733), (323, 145751), (356, 145823), (366, 145856),

Gene: Deloris_12 Start: 6865, Stop: 7842, Start Num: 66

Candidate Starts for Deloris_12:

(Start: 66 @6865 has 361 MA's), (Start: 81 @6919 has 2 MA's), (168, 7108), (182, 7156), (198, 7213), (211, 7249), (233, 7297), (241, 7336), (270, 7423), (288, 7486), (302, 7528), (308, 7576), (314, 7603), (319, 7618), (323, 7636), (324, 7639), (341, 7678), (362, 7729), (389, 7828),

Gene: Delylah_254 Start: 145191, Stop: 146219, Start Num: 56

Candidate Starts for Delylah_254:

(Start: 56 @145191 has 172 MA's), (Start: 66 @145221 has 361 MA's), (71, 145233), (Start: 81 @145275 has 2 MA's), (98, 145338), (105, 145359), (Start: 134 @145443 has 1 MA's), (160, 145485), (164, 145497), (168, 145512), (189, 145581), (198, 145608), (218, 145662), (231, 145707), (232, 145710), (257, 145788), (264, 145809), (297, 145920), (319, 146010), (323, 146028), (356, 146100), (366, 146133),

Gene: Demsculpinboyz_36 Start: 26749, Stop: 27822, Start Num: 59

Candidate Starts for Demsculpinboyz_36:

(Start: 59 @26749 has 240 MA's), (Start: 70 @26776 has 14 MA's), (76, 26806), (102, 26899), (105, 26908), (108, 26917), (128, 26974), (Start: 157 @27019 has 2 MA's), (167, 27052), (170, 27061), (184, 27112), (195, 27154), (200, 27178), (202, 27187), (206, 27199), (217, 27229), (225, 27259), (226, 27262), (236, 27319), (237, 27322), (243, 27337), (249, 27349), (252, 27358), (261, 27382), (268, 27406), (289, 27487), (308, 27562), (345, 27673), (363, 27715), (364, 27718), (365, 27724),

(368, 27739), (390, 27805),

Gene: Derek_248 Start: 145172, Stop: 146200, Start Num: 56

Candidate Starts for Derek_248:

(Start: 56 @145172 has 172 MA's), (Start: 66 @145202 has 361 MA's), (71, 145214), (Start: 81 @145256 has 2 MA's), (98, 145319), (105, 145340), (Start: 134 @145424 has 1 MA's), (160, 145466), (164, 145478), (168, 145493), (189, 145562), (198, 145589), (218, 145643), (231, 145688), (232, 145691), (257, 145769), (264, 145790), (297, 145901), (319, 145991), (323, 146009), (356, 146081), (366, 146114),

Gene: Devonte_47 Start: 41524, Stop: 42588, Start Num: 50

Candidate Starts for Devonte_47:

(Start: 50 @41524 has 44 MA's), (72, 41587), (94, 41668), (117, 41734), (120, 41749), (124, 41761), (135, 41788), (167, 41845), (170, 41854), (217, 42001), (223, 42016), (236, 42070), (251, 42103), (265, 42142), (268, 42154), (289, 42235), (297, 42253), (298, 42256), (308, 42301), (344, 42412), (382, 42523), (389, 42544), (402, 42577),

Gene: Dexes_11 Start: 6621, Stop: 7589, Start Num: 66

Candidate Starts for Dexes_11:

(Start: 66 @6621 has 361 MA's), (Start: 75 @6654 has 5 MA's), (Start: 80 @6672 has 1 MA's), (Start: 81 @6675 has 2 MA's), (184, 6942), (198, 6993), (201, 7005), (233, 7080), (252, 7143), (264, 7176), (267, 7188), (270, 7206), (276, 7224), (282, 7248), (297, 7287), (317, 7368), (323, 7392), (324, 7395), (325, 7398), (330, 7407), (365, 7494), (378, 7539), (393, 7581),

Gene: Dhanush_10 Start: 5884, Stop: 6864, Start Num: 68

Candidate Starts for Dhanush_10:

(Start: 68 @5884 has 108 MA's), (Start: 70 @5887 has 14 MA's), (74, 5911), (Start: 80 @5932 has 1 MA's), (Start: 81 @5935 has 2 MA's), (182, 6184), (198, 6241), (234, 6325), (236, 6346), (248, 6373), (265, 6403), (270, 6430), (317, 6580), (363, 6691), (366, 6703), (368, 6715), (392, 6781),

Gene: Dieselweasel_12 Start: 5963, Stop: 6928, Start Num: 60

Candidate Starts for Dieselweasel_12:

(Start: 60 @5963 has 92 MA's), (Start: 75 @6008 has 5 MA's), (Start: 81 @6029 has 2 MA's), (123, 6149), (182, 6287), (198, 6344), (203, 6359), (236, 6440), (241, 6455), (250, 6473), (267, 6524), (270, 6542), (283, 6587), (308, 6683), (324, 6746), (341, 6785), (362, 6836),

Gene: Dietrick_241 Start: 143035, Stop: 144063, Start Num: 56

Candidate Starts for Dietrick_241:

(Start: 56 @143035 has 172 MA's), (Start: 66 @143065 has 361 MA's), (71, 143077), (Start: 81 @143119 has 2 MA's), (98, 143182), (105, 143203), (Start: 134 @143287 has 1 MA's), (160, 143329), (164, 143341), (168, 143356), (189, 143425), (198, 143452), (218, 143506), (231, 143551), (232, 143554), (257, 143632), (264, 143653), (297, 143764), (319, 143854), (323, 143872), (356, 143944), (366, 143977),

Gene: Dignity_13 Start: 6817, Stop: 7809, Start Num: 66

Candidate Starts for Dignity_13:

(Start: 66 @6817 has 361 MA's), (Start: 80 @6868 has 1 MA's), (Start: 81 @6871 has 2 MA's), (158, 7039), (160, 7045), (168, 7072), (185, 7132), (198, 7177), (233, 7264), (245, 7309), (264, 7348), (277, 7396), (281, 7411), (306, 7477), (316, 7519), (354, 7606), (388, 7720),

Gene: DillTech15_31 Start: 27607, Stop: 28608, Start Num: 59

Candidate Starts for DillTech15_31:

(Start: 59 @27607 has 240 MA's), (Start: 66 @27628 has 361 MA's), (Start: 81 @27682 has 2 MA's), (88, 27715), (98, 27745), (105, 27766), (Start: 134 @27850 has 1 MA's), (150, 27874), (164, 27901), (168, 27916), (198, 28012), (237, 28126), (245, 28144), (260, 28183), (267, 28207), (276, 28243), (283, 28270), (297, 28309), (308, 28357), (323, 28417), (351, 28477), (365, 28519), (366, 28522), (368, 28534), (378, 28564),

Gene: Diminimus_39 Start: 31793, Stop: 32764, Start Num: 63

Candidate Starts for Diminimus_39:

(Start: 63 @31793 has 13 MA's), (72, 31817), (Start: 75 @31832 has 5 MA's), (129, 31970), (Start: 143 @31997 has 16 MA's), (159, 32015), (163, 32027), (166, 32036), (178, 32081), (182, 32093), (190, 32120), (198, 32147), (201, 32159), (221, 32204), (231, 32231), (237, 32261), (240, 32270), (241, 32273), (274, 32360), (279, 32375), (326, 32528), (331, 32531), (356, 32591), (361, 32603), (363, 32612), (371, 32648), (377, 32663), (392, 32702), (404, 32735),

Gene: DirkDirk_26 Start: 25530, Stop: 26561, Start Num: 54

Candidate Starts for DirkDirk_26:

(Start: 54 @25530 has 27 MA's), (104, 25686), (115, 25710), (118, 25722), (122, 25740), (129, 25758), (136, 25776), (139, 25782), (144, 25791), (156, 25806), (161, 25821), (174, 25869), (182, 25893), (198, 25950), (212, 25989), (238, 26067), (241, 26076), (243, 26079), (250, 26094), (266, 26148), (270, 26169), (274, 26184), (301, 26268), (308, 26298), (324, 26367), (330, 26379), (341, 26403), (347, 26421), (351, 26424), (356, 26436), (358, 26439), (366, 26469), (368, 26481),

Gene: DirtMcgirt_32 Start: 27342, Stop: 28343, Start Num: 59

Candidate Starts for DirtMcgirt_32:

(Start: 59 @27342 has 240 MA's), (Start: 81 @27417 has 2 MA's), (88, 27450), (98, 27480), (105, 27501), (117, 27531), (119, 27543), (Start: 134 @27585 has 1 MA's), (150, 27609), (160, 27624), (164, 27636), (198, 27747), (237, 27861), (245, 27879), (260, 27918), (267, 27942), (276, 27978), (283, 28005), (297, 28044), (323, 28152), (344, 28200), (351, 28212), (365, 28254), (366, 28257), (368, 28269), (378, 28299),

Gene: DirtMonster_241 Start: 143767, Stop: 144795, Start Num: 56

Candidate Starts for DirtMonster_241:

(Start: 56 @143767 has 172 MA's), (Start: 66 @143797 has 361 MA's), (71, 143809), (Start: 81 @143851 has 2 MA's), (98, 143914), (105, 143935), (Start: 134 @144019 has 1 MA's), (160, 144061), (164, 144073), (168, 144088), (189, 144157), (198, 144184), (218, 144238), (231, 144283), (232, 144286), (257, 144364), (264, 144385), (297, 144496), (319, 144586), (323, 144604), (356, 144676), (366, 144709),

Gene: DirtyDunning_10 Start: 5877, Stop: 6857, Start Num: 68

Candidate Starts for DirtyDunning_10:

(Start: 68 @5877 has 108 MA's), (74, 5904), (Start: 80 @5925 has 1 MA's), (Start: 81 @5928 has 2 MA's), (Start: 157 @6093 has 2 MA's), (182, 6177), (198, 6234), (201, 6246), (224, 6297), (234, 6318), (236, 6339), (248, 6366), (264, 6393), (270, 6423), (317, 6573), (366, 6696), (368, 6708), (392, 6774),

Gene: DismalFunk_29 Start: 24807, Stop: 26009, Start Num: 66

Candidate Starts for DismalFunk_29:

(52, 24765), (Start: 66 @24807 has 361 MA's), (73, 24834), (88, 24891), (98, 24912), (106, 24939), (126, 24999), (Start: 146 @25035 has 1 MA's), (160, 25068), (161, 25071), (170, 25101), (189, 25167), (201, 25206), (232, 25284), (243, 25329), (267, 25386), (270, 25404), (318, 25569), (323, 25590), (328, 25611), (338, 25716), (339, 25731), (347, 25800), (366, 25857), (389, 25938),

Gene: DismalStressor_29 Start: 24807, Stop: 26009, Start Num: 66

Candidate Starts for DismalStressor_29:

(52, 24765), (Start: 66 @24807 has 361 MA's), (73, 24834), (88, 24891), (98, 24912), (106, 24939), (126, 24999), (Start: 146 @25035 has 1 MA's), (160, 25068), (161, 25071), (170, 25101), (189, 25167), (201, 25206), (232, 25284), (243, 25329), (267, 25386), (270, 25404), (318, 25569), (323, 25590), (328, 25611), (338, 25716), (339, 25731), (347, 25800), (366, 25857), (389, 25938),

Gene: DmpstrDiver_50 Start: 42106, Stop: 42978, Start Num: 86

Candidate Starts for DmpstrDiver_50:

(Start: 86 @42106 has 30 MA's), (Start: 100 @42133 has 1 MA's), (123, 42193), (148, 42241), (172, 42307), (180, 42328), (188, 42349), (205, 42403), (236, 42484), (331, 42763), (333, 42766), (341, 42790), (355, 42826), (360, 42841), (363, 42853), (367, 42874),

Gene: DocMcStuffins_32 Start: 28140, Stop: 29141, Start Num: 59

Candidate Starts for DocMcStuffins_32:

(23, 27879), (34, 28041), (Start: 59 @28140 has 240 MA's), (Start: 81 @28215 has 2 MA's), (98, 28278), (105, 28299), (Start: 134 @28383 has 1 MA's), (150, 28407), (160, 28422), (164, 28434), (198, 28545), (237, 28659), (245, 28677), (260, 28716), (267, 28740), (276, 28776), (283, 28803), (297, 28842), (323, 28950), (344, 28998), (351, 29010), (368, 29067), (378, 29097),

Gene: Donkeykong_31 Start: 27705, Stop: 28706, Start Num: 59

Candidate Starts for Donkeykong_31:

(Start: 59 @27705 has 240 MA's), (Start: 81 @27780 has 2 MA's), (88, 27813), (98, 27843), (105, 27864), (Start: 134 @27948 has 1 MA's), (164, 27999), (168, 28014), (198, 28110), (236, 28221), (245, 28242), (260, 28281), (264, 28293), (276, 28341), (283, 28368), (292, 28392), (297, 28407), (323, 28515), (344, 28563), (368, 28632), (378, 28662),

Gene: Doom_10 Start: 6259, Stop: 7227, Start Num: 66

Candidate Starts for Doom_10:

(Start: 66 @6259 has 361 MA's), (Start: 75 @6292 has 5 MA's), (Start: 80 @6310 has 1 MA's), (Start: 81 @6313 has 2 MA's), (184, 6580), (198, 6631), (201, 6643), (233, 6718), (252, 6781), (258, 6793), (264, 6814), (267, 6826), (270, 6844), (276, 6862), (282, 6886), (297, 6925), (317, 7006), (323, 7030), (324, 7033), (325, 7036), (330, 7045), (365, 7132), (378, 7177), (393, 7219),

Gene: Doomphist_31 Start: 27641, Stop: 28642, Start Num: 59

Candidate Starts for Doomphist_31:

(30, 27479), (Start: 59 @27641 has 240 MA's), (Start: 81 @27716 has 2 MA's), (88, 27749), (98, 27779), (105, 27800), (117, 27830), (119, 27842), (Start: 134 @27884 has 1 MA's), (150, 27908), (160, 27923), (164, 27935), (198, 28046), (237, 28160), (245, 28178), (260, 28217), (267, 28241), (276, 28277), (283, 28304), (297, 28343), (308, 28391), (323, 28451), (344, 28499), (351, 28511), (366, 28556), (368, 28568), (378, 28598),

Gene: Dorothy_31 Start: 27483, Stop: 28484, Start Num: 59

Candidate Starts for Dorothy_31:

(Start: 59 @27483 has 240 MA's), (Start: 66 @27504 has 361 MA's), (Start: 81 @27558 has 2 MA's), (88, 27591), (98, 27621), (105, 27642), (117, 27672), (119, 27684), (Start: 134 @27726 has 1 MA's), (150, 27750), (160, 27765), (164, 27777), (198, 27888), (237, 28002), (245, 28020), (260, 28059), (267, 28083), (276, 28119), (283, 28146), (297, 28185), (308, 28233), (323, 28293), (344, 28341), (351, 28353), (366, 28398), (368, 28410), (378, 28440),

Gene: DosHalletts_35 Start: 27903, Stop: 28904, Start Num: 59

Candidate Starts for DosHalletts_35:

(Start: 59 @27903 has 240 MA's), (Start: 81 @27978 has 2 MA's), (88, 28011), (98, 28041), (105, 28062), (117, 28092), (119, 28104), (Start: 134 @28146 has 1 MA's), (150, 28170), (160, 28185), (164, 28197), (198, 28308), (232, 28392), (237, 28422), (245, 28440), (260, 28479), (267, 28503),

(276, 28539), (283, 28566), (297, 28605), (308, 28653), (323, 28713), (344, 28761), (351, 28773), (366, 28818), (368, 28830), (378, 28860),

Gene: DotProduct_31 Start: 27508, Stop: 28509, Start Num: 59

Candidate Starts for DotProduct_31:

(Start: 59 @27508 has 240 MA's), (Start: 81 @27583 has 2 MA's), (88, 27616), (98, 27646), (105, 27667), (Start: 134 @27751 has 1 MA's), (150, 27775), (160, 27790), (164, 27802), (198, 27913), (237, 28027), (245, 28045), (260, 28084), (267, 28108), (276, 28144), (283, 28171), (297, 28210), (308, 28258), (323, 28318), (351, 28378), (365, 28420), (366, 28423), (368, 28435), (378, 28465),

Gene: Doug_32 Start: 28084, Stop: 29085, Start Num: 59

Candidate Starts for Doug_32:

(Start: 59 @28084 has 240 MA's), (Start: 81 @28159 has 2 MA's), (88, 28192), (98, 28222), (105, 28243), (Start: 134 @28327 has 1 MA's), (150, 28351), (160, 28366), (164, 28378), (198, 28489), (237, 28603), (245, 28621), (260, 28660), (267, 28684), (276, 28720), (283, 28747), (297, 28786), (323, 28894), (344, 28942), (368, 29011), (378, 29041),

Gene: Douge_26 Start: 25265, Stop: 26287, Start Num: 54

Candidate Starts for Douge_26:

(Start: 54 @25265 has 27 MA's), (87, 25376), (Start: 100 @25409 has 1 MA's), (102, 25415), (104, 25421), (142, 25523), (144, 25526), (164, 25565), (170, 25586), (182, 25628), (198, 25685), (237, 25799), (270, 25904), (298, 25985), (299, 25988), (308, 26033), (324, 26096), (330, 26108), (362, 26183), (368, 26210),

Gene: Dove_48 Start: 41658, Stop: 42497, Start Num: 100

Candidate Starts for Dove_48:

(Start: 86 @41631 has 30 MA's), (Start: 100 @41658 has 1 MA's), (148, 41766), (Start: 157 @41787 has 2 MA's), (172, 41832), (180, 41853), (188, 41874), (205, 41928), (231, 41979), (245, 42030), (301, 42180), (311, 42222), (323, 42273), (333, 42291), (358, 42357), (361, 42369), (363, 42378), (369, 42408), (391, 42471),

Gene: DrFeelGood_9 Start: 5783, Stop: 6751, Start Num: 66

Candidate Starts for DrFeelGood_9:

(Start: 66 @5783 has 361 MA's), (Start: 75 @5816 has 5 MA's), (Start: 80 @5834 has 1 MA's), (Start: 81 @5837 has 2 MA's), (184, 6104), (198, 6155), (201, 6167), (233, 6242), (252, 6305), (264, 6338), (267, 6350), (270, 6368), (276, 6386), (282, 6410), (297, 6449), (317, 6530), (323, 6554), (324, 6557), (325, 6560), (330, 6569), (365, 6656), (378, 6701), (393, 6743),

Gene: DrLupo_42 Start: 32782, Stop: 33864, Start Num: 48

Candidate Starts for DrLupo_42:

(Start: 48 @32782 has 3 MA's), (106, 32974), (121, 33019), (145, 33076), (165, 33130), (176, 33172), (182, 33190), (187, 33208), (191, 33223), (208, 33286), (223, 33319), (227, 33325), (237, 33376), (238, 33379), (276, 33493), (278, 33502), (280, 33511), (322, 33661), (340, 33688), (345, 33703), (360, 33733), (372, 33784), (393, 33838),

Gene: DrPhinkDaddy_249 Start: 145599, Stop: 146627, Start Num: 56

Candidate Starts for DrPhinkDaddy_249:

(Start: 56 @145599 has 172 MA's), (Start: 66 @145629 has 361 MA's), (71, 145641), (Start: 81 @145683 has 2 MA's), (98, 145746), (105, 145767), (Start: 134 @145851 has 1 MA's), (160, 145893), (164, 145905), (168, 145920), (189, 145989), (198, 146016), (218, 146070), (231, 146115), (232, 146118), (257, 146196), (264, 146217), (297, 146328), (319, 146418), (323, 146436), (356, 146508), (366, 146541),

Gene: DrSeegs_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for DrSeegs_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Drago_32 Start: 27335, Stop: 28336, Start Num: 59

Candidate Starts for Drago_32:

(23, 27083), (34, 27236), (Start: 59 @27335 has 240 MA's), (Start: 66 @27356 has 361 MA's), (71, 27368), (Start: 81 @27410 has 2 MA's), (98, 27473), (105, 27494), (117, 27524), (Start: 134 @27578 has 1 MA's), (150, 27602), (164, 27629), (198, 27740), (237, 27854), (245, 27872), (260, 27911), (267, 27935), (276, 27971), (283, 27998), (297, 28037), (308, 28085), (323, 28145), (351, 28205), (368, 28262), (378, 28292),

Gene: Drake55_13 Start: 6940, Stop: 7917, Start Num: 66

Candidate Starts for Drake55_13:

(Start: 66 @6940 has 361 MA's), (Start: 81 @6994 has 2 MA's), (108, 7051), (168, 7183), (182, 7231), (198, 7288), (211, 7324), (233, 7372), (241, 7411), (268, 7483), (270, 7498), (283, 7543), (288, 7561), (302, 7603), (308, 7651), (314, 7678), (319, 7693), (323, 7711), (324, 7714), (362, 7804),

Gene: Drake94_9 Start: 3773, Stop: 4747, Start Num: 66

Candidate Starts for Drake94_9:

(37, 3734), (Start: 66 @3773 has 361 MA's), (Start: 75 @3806 has 5 MA's), (Start: 81 @3827 has 2 MA's), (147, 3995), (164, 4037), (168, 4052), (198, 4157), (233, 4229), (237, 4256), (238, 4259), (241, 4268), (270, 4355), (308, 4502), (324, 4565), (341, 4604), (360, 4646),

Gene: Drazdys_249 Start: 145179, Stop: 146207, Start Num: 56

Candidate Starts for Drazdys_249:

(Start: 56 @145179 has 172 MA's), (Start: 66 @145209 has 361 MA's), (71, 145221), (Start: 81 @145263 has 2 MA's), (98, 145326), (105, 145347), (Start: 134 @145431 has 1 MA's), (160, 145473), (164, 145485), (168, 145500), (189, 145569), (198, 145596), (218, 145650), (231, 145695), (232, 145698), (257, 145776), (264, 145797), (297, 145908), (319, 145998), (323, 146016), (356, 146088), (366, 146121),

Gene: DreamCatcher_11 Start: 6375, Stop: 7343, Start Num: 66

Candidate Starts for DreamCatcher_11:

(Start: 66 @6375 has 361 MA's), (Start: 75 @6408 has 5 MA's), (Start: 80 @6426 has 1 MA's), (Start: 81 @6429 has 2 MA's), (184, 6696), (198, 6747), (201, 6759), (233, 6834), (264, 6930), (270, 6960), (297, 7041), (317, 7122), (323, 7146), (324, 7149), (325, 7152), (330, 7161), (365, 7248), (393, 7335),

Gene: Dreamboat_11 Start: 5911, Stop: 6879, Start Num: 66

Candidate Starts for Dreamboat_11:

(Start: 66 @5911 has 361 MA's), (Start: 75 @5944 has 5 MA's), (Start: 80 @5962 has 1 MA's), (Start: 81 @5965 has 2 MA's), (160, 6154), (184, 6232), (198, 6283), (201, 6295), (233, 6370), (252, 6433), (264, 6466), (267, 6478), (270, 6496), (276, 6514), (282, 6538), (297, 6577), (317, 6658), (323, 6682), (324, 6685), (325, 6688), (330, 6697), (365, 6784), (378, 6829), (393, 6871),

Gene: DroogsArmy_11 Start: 7064, Stop: 8041, Start Num: 66

Candidate Starts for DroogsArmy_11:

(Start: 66 @7064 has 361 MA's), (Start: 81 @7118 has 2 MA's), (102, 7172), (115, 7205), (168, 7337), (198, 7442), (233, 7514), (237, 7541), (241, 7553), (250, 7571), (270, 7640), (288, 7703), (308, 7781),

(314, 7808), (323, 7841), (324, 7844), (344, 7892), (362, 7934), (367, 7958), (379, 8000),

Gene: Druantia_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Druantia_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: DudeLittle_11 Start: 6524, Stop: 7516, Start Num: 66

Candidate Starts for DudeLittle_11:

(Start: 66 @6524 has 361 MA's), (Start: 75 @6557 has 5 MA's), (Start: 80 @6575 has 1 MA's), (Start: 81 @6578 has 2 MA's), (91, 6611), (Start: 100 @6626 has 1 MA's), (132, 6713), (158, 6746), (160, 6752), (168, 6779), (185, 6839), (198, 6884), (245, 7016), (264, 7055), (277, 7103), (306, 7184), (316, 7226), (354, 7313), (366, 7349), (371, 7373), (384, 7415), (388, 7427), (412, 7502),

Gene: Duke13_52 Start: 42424, Stop: 43296, Start Num: 86

Candidate Starts for Duke13_52:

(Start: 86 @42424 has 30 MA's), (Start: 100 @42451 has 1 MA's), (123, 42511), (148, 42559), (172, 42625), (180, 42646), (188, 42667), (205, 42721), (236, 42802), (331, 43081), (333, 43084), (341, 43108), (355, 43144), (360, 43159), (363, 43171), (367, 43192),

Gene: Dulcie_9 Start: 5658, Stop: 6626, Start Num: 66

Candidate Starts for Dulcie_9:

(Start: 66 @5658 has 361 MA's), (Start: 75 @5691 has 5 MA's), (Start: 80 @5709 has 1 MA's), (Start: 81 @5712 has 2 MA's), (184, 5979), (198, 6030), (201, 6042), (233, 6117), (264, 6213), (267, 6225), (270, 6243), (276, 6261), (282, 6285), (297, 6324), (317, 6405), (323, 6429), (324, 6432), (325, 6435), (330, 6444), (378, 6576), (393, 6618),

Gene: Dulcita_39 Start: 31793, Stop: 32764, Start Num: 63

Candidate Starts for Dulcita_39:

(Start: 63 @31793 has 13 MA's), (72, 31817), (Start: 75 @31832 has 5 MA's), (129, 31970), (Start: 143 @31997 has 16 MA's), (159, 32015), (163, 32027), (166, 32036), (178, 32081), (182, 32093), (190, 32120), (198, 32147), (201, 32159), (221, 32204), (231, 32231), (237, 32261), (240, 32270), (241, 32273), (274, 32360), (279, 32375), (326, 32528), (331, 32531), (356, 32591), (361, 32603), (363, 32612), (371, 32648), (377, 32663), (392, 32702), (404, 32735),

Gene: DuncansLeg_28 Start: 26834, Stop: 27877, Start Num: 66

Candidate Starts for DuncansLeg_28:

(Start: 66 @26834 has 361 MA's), (Start: 70 @26840 has 14 MA's), (Start: 75 @26867 has 5 MA's), (Start: 81 @26888 has 2 MA's), (Start: 100 @26939 has 1 MA's), (128, 27020), (172, 27125), (198, 27212), (213, 27254), (235, 27308), (239, 27326), (241, 27332), (245, 27338), (270, 27410), (286, 27467), (309, 27527), (327, 27602), (343, 27647), (348, 27662), (350, 27668), (368, 27731), (404, 27833), (408, 27854), (410, 27860),

Gene: Duplo_14 Start: 6638, Stop: 7402, Start Num: 143

Candidate Starts for Duplo_14:

(Start: 143 @6638 has 16 MA's), (198, 6782), (233, 6869), (237, 6896), (241, 6908), (270, 6995), (303, 7109), (308, 7136), (323, 7196), (324, 7199), (340, 7235), (362, 7289), (374, 7337),

Gene: Dussy_11 Start: 6019, Stop: 6987, Start Num: 66

Candidate Starts for Dussy_11:

(Start: 66 @6019 has 361 MA's), (Start: 75 @6052 has 5 MA's), (Start: 80 @6070 has 1 MA's), (Start: 81 @6073 has 2 MA's), (184, 6340), (198, 6391), (201, 6403), (233, 6478), (252, 6541), (258, 6553),

(264, 6574), (267, 6586), (270, 6604), (276, 6622), (282, 6646), (297, 6685), (317, 6766), (323, 6790), (324, 6793), (325, 6796), (330, 6805), (365, 6892), (378, 6937), (393, 6979),

Gene: Dylan_67 Start: 43515, Stop: 44555, Start Num: 59

Candidate Starts for Dylan_67:

(Start: 59 @43515 has 240 MA's), (Start: 81 @43590 has 2 MA's), (98, 43671), (Start: 100 @43677 has 1 MA's), (105, 43692), (132, 43773), (Start: 134 @43776 has 1 MA's), (164, 43830), (168, 43845), (198, 43941), (212, 43980), (220, 44010), (231, 44040), (232, 44043), (238, 44076), (264, 44142), (273, 44181), (276, 44190), (283, 44217), (297, 44256), (355, 44430), (368, 44481),

Gene: Dynamix_10 Start: 5732, Stop: 6700, Start Num: 66

Candidate Starts for Dynamix_10:

(Start: 66 @5732 has 361 MA's), (Start: 75 @5765 has 5 MA's), (Start: 80 @5783 has 1 MA's), (Start: 81 @5786 has 2 MA's), (184, 6053), (198, 6104), (201, 6116), (233, 6191), (252, 6254), (264, 6287), (267, 6299), (270, 6317), (276, 6335), (282, 6359), (297, 6398), (317, 6479), (323, 6503), (324, 6506), (325, 6509), (330, 6518), (365, 6605), (393, 6692),

Gene: DyoEdafos_27 Start: 25472, Stop: 26494, Start Num: 54

Candidate Starts for DyoEdafos_27:

(Start: 54 @25472 has 27 MA's), (87, 25583), (88, 25586), (Start: 100 @25616 has 1 MA's), (102, 25622), (104, 25628), (122, 25682), (142, 25730), (156, 25748), (161, 25763), (170, 25793), (182, 25835), (198, 25892), (237, 26006), (241, 26018), (270, 26111), (298, 26192), (308, 26240), (311, 26258), (324, 26303), (330, 26315), (362, 26390), (368, 26417),

Gene: ET08_238 Start: 143503, Stop: 144531, Start Num: 56

Candidate Starts for ET08_238:

(Start: 56 @143503 has 172 MA's), (Start: 66 @143533 has 361 MA's), (Start: 81 @143587 has 2 MA's), (98, 143650), (105, 143671), (Start: 134 @143755 has 1 MA's), (160, 143797), (164, 143809), (168, 143824), (189, 143893), (198, 143920), (218, 143974), (231, 144019), (232, 144022), (257, 144100), (264, 144121), (297, 144232), (319, 144322), (323, 144340), (356, 144412), (366, 144445),

Gene: EZMoney23_15 Start: 8407, Stop: 9384, Start Num: 66

Candidate Starts for EZMoney23_15:

(Start: 66 @8407 has 361 MA's), (Start: 81 @8461 has 2 MA's), (97, 8500), (168, 8650), (182, 8698), (198, 8755), (211, 8791), (233, 8839), (241, 8878), (267, 8947), (268, 8950), (270, 8965), (283, 9010), (288, 9028), (302, 9070), (308, 9118), (314, 9145), (319, 9160), (323, 9178), (324, 9181), (362, 9271),

Gene: Eagle_9 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Eagle_9:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Eaglepride_11 Start: 5708, Stop: 6676, Start Num: 66

Candidate Starts for Eaglepride_11:

(53, 5669), (Start: 66 @5708 has 361 MA's), (71, 5720), (Start: 75 @5741 has 5 MA's), (Start: 81 @5762 has 2 MA's), (82, 5765), (136, 5915), (144, 5930), (161, 5948), (198, 6077), (203, 6092), (233, 6161), (236, 6185), (238, 6191), (241, 6200), (267, 6269), (270, 6287), (288, 6350), (308, 6428), (314, 6455), (319, 6470), (324, 6491), (341, 6530), (362, 6581), (365, 6593), (367, 6605), (372, 6623),

Gene: Eapen_10 Start: 5883, Stop: 6863, Start Num: 68

Candidate Starts for Eapen_10:

(Start: 68 @5883 has 108 MA's), (Start: 70 @5886 has 14 MA's), (74, 5910), (Start: 80 @5931 has 1 MA's), (Start: 81 @5934 has 2 MA's), (182, 6183), (198, 6240), (234, 6324), (236, 6345), (248, 6372), (265, 6402), (270, 6429), (317, 6579), (363, 6690), (366, 6702), (368, 6714), (392, 6780),

Gene: EasyJones_253 Start: 143585, Stop: 144583, Start Num: 66

Candidate Starts for EasyJones_253:

(Start: 56 @143555 has 172 MA's), (Start: 66 @143585 has 361 MA's), (71, 143597), (Start: 81 @143639 has 2 MA's), (98, 143702), (105, 143723), (Start: 134 @143807 has 1 MA's), (160, 143849), (164, 143861), (168, 143876), (189, 143945), (198, 143972), (218, 144026), (231, 144071), (232, 144074), (257, 144152), (264, 144173), (297, 144284), (319, 144374), (323, 144392), (356, 144464), (366, 144497),

Gene: Echild_11 Start: 6541, Stop: 7518, Start Num: 66

Candidate Starts for Echild_11:

(Start: 66 @6541 has 361 MA's), (Start: 81 @6595 has 2 MA's), (168, 6784), (178, 6820), (182, 6832), (198, 6889), (211, 6925), (233, 6973), (241, 7012), (261, 7060), (266, 7078), (268, 7084), (270, 7099), (283, 7144), (288, 7162), (302, 7204), (308, 7252), (314, 7279), (319, 7294), (323, 7312), (324, 7315), (362, 7405), (389, 7504),

Gene: Edison31_9 Start: 5718, Stop: 6692, Start Num: 66

Candidate Starts for Edison31_9:

(Start: 66 @5718 has 361 MA's), (Start: 70 @5724 has 14 MA's), (Start: 81 @5772 has 2 MA's), (136, 5925), (198, 6087), (203, 6102), (211, 6123), (236, 6195), (238, 6201), (241, 6210), (259, 6252), (267, 6279), (270, 6297), (283, 6342), (288, 6360), (308, 6438), (314, 6465), (319, 6480), (324, 6501), (341, 6540), (362, 6591), (372, 6633), (396, 6684),

Gene: Edtherson_11 Start: 6516, Stop: 7484, Start Num: 66

Candidate Starts for Edtherson_11:

(Start: 66 @6516 has 361 MA's), (Start: 75 @6549 has 5 MA's), (Start: 80 @6567 has 1 MA's), (184, 6837), (198, 6888), (201, 6900), (233, 6975), (252, 7038), (258, 7050), (264, 7071), (267, 7083), (270, 7101), (276, 7119), (282, 7143), (297, 7182), (317, 7263), (323, 7287), (324, 7290), (325, 7293), (330, 7302), (365, 7389), (370, 7413), (378, 7434), (393, 7476),

Gene: EggyFarm_260 Start: 146394, Stop: 147422, Start Num: 56

Candidate Starts for EggyFarm_260:

(Start: 56 @146394 has 172 MA's), (Start: 66 @146424 has 361 MA's), (71, 146436), (Start: 81 @146478 has 2 MA's), (98, 146541), (105, 146562), (Start: 134 @146646 has 1 MA's), (160, 146688), (164, 146700), (168, 146715), (189, 146784), (198, 146811), (218, 146865), (231, 146910), (232, 146913), (257, 146991), (264, 147012), (297, 147123), (319, 147213), (323, 147231), (356, 147303), (366, 147336),

Gene: Eish_31 Start: 27924, Stop: 29228, Start Num: 20

Candidate Starts for Eish_31:

(16, 27894), (17, 27900), (18, 27912), (Start: 20 @27924 has 1 MA's), (21, 27936), (Start: 59 @28212 has 240 MA's), (93, 28344), (98, 28365), (105, 28386), (117, 28416), (119, 28428), (Start: 134 @28470 has 1 MA's), (150, 28494), (160, 28509), (164, 28521), (198, 28632), (237, 28746), (245, 28764), (260, 28803), (267, 28827), (276, 28863), (283, 28890), (297, 28929), (323, 29037), (344, 29085), (351, 29097), (366, 29142), (368, 29154), (378, 29184),

Gene: Ejimix_49 Start: 43361, Stop: 44233, Start Num: 86

Candidate Starts for Ejimix_49:

(Start: 86 @43361 has 30 MA's), (Start: 100 @43388 has 1 MA's), (123, 43448), (148, 43496), (172, 43562), (180, 43583), (188, 43604), (205, 43658), (236, 43739), (331, 44018), (333, 44021), (341,

44045), (355, 44081), (360, 44096), (363, 44108), (367, 44129),

Gene: EleanorGeorge_32 Start: 28150, Stop: 29220, Start Num: 59

Candidate Starts for EleanorGeorge_32:

(40, 28096), (Start: 59 @28150 has 240 MA's), (124, 28366), (125, 28369), (Start: 157 @28420 has 2 MA's), (170, 28462), (184, 28513), (217, 28627), (226, 28660), (243, 28735), (252, 28756), (289, 28885), (308, 28957), (340, 29053), (344, 29065), (368, 29134), (387, 29191), (390, 29200),

Gene: Ellson_28 Start: 26821, Stop: 27864, Start Num: 66

Candidate Starts for Ellson_28:

(Start: 66 @26821 has 361 MA's), (Start: 70 @26827 has 14 MA's), (Start: 75 @26854 has 5 MA's), (Start: 81 @26875 has 2 MA's), (Start: 100 @26926 has 1 MA's), (128, 27007), (172, 27112), (197, 27193), (198, 27199), (213, 27241), (235, 27295), (239, 27313), (241, 27319), (245, 27325), (270, 27397), (286, 27454), (309, 27514), (327, 27589), (343, 27634), (348, 27649), (350, 27655), (368, 27718), (404, 27820), (408, 27841), (410, 27847),

Gene: EmToTheThree_253 Start: 145387, Stop: 146415, Start Num: 56

Candidate Starts for EmToTheThree_253:

(Start: 56 @145387 has 172 MA's), (Start: 66 @145417 has 361 MA's), (71, 145429), (Start: 81 @145471 has 2 MA's), (98, 145534), (105, 145555), (Start: 134 @145639 has 1 MA's), (160, 145681), (164, 145693), (168, 145708), (189, 145777), (198, 145804), (218, 145858), (231, 145903), (232, 145906), (257, 145984), (264, 146005), (297, 146116), (319, 146206), (323, 146224), (356, 146296), (366, 146329),

Gene: Emma_33 Start: 28128, Stop: 29126, Start Num: 59

Candidate Starts for Emma_33:

(Start: 59 @28128 has 240 MA's), (Start: 81 @28203 has 2 MA's), (98, 28263), (105, 28284), (Start: 134 @28368 has 1 MA's), (164, 28419), (168, 28434), (198, 28530), (236, 28641), (245, 28662), (260, 28701), (264, 28713), (276, 28761), (283, 28788), (292, 28812), (297, 28827), (323, 28935), (344, 28983), (368, 29052), (378, 29082),

Gene: EmmaElysia_257 Start: 146050, Stop: 147078, Start Num: 56

Candidate Starts for EmmaElysia_257:

(Start: 56 @146050 has 172 MA's), (Start: 66 @146080 has 361 MA's), (71, 146092), (Start: 81 @146134 has 2 MA's), (98, 146197), (105, 146218), (Start: 134 @146302 has 1 MA's), (160, 146344), (164, 146356), (168, 146371), (189, 146440), (198, 146467), (218, 146521), (231, 146566), (232, 146569), (257, 146647), (264, 146668), (297, 146779), (319, 146869), (323, 146887), (356, 146959), (366, 146992),

Gene: Empress_32 Start: 28933, Stop: 29934, Start Num: 59

Candidate Starts for Empress_32:

(Start: 59 @28933 has 240 MA's), (Start: 81 @29008 has 2 MA's), (88, 29041), (98, 29071), (105, 29092), (Start: 134 @29176 has 1 MA's), (150, 29200), (160, 29215), (164, 29227), (198, 29338), (237, 29452), (245, 29470), (260, 29509), (267, 29533), (276, 29569), (283, 29596), (297, 29635), (323, 29743), (351, 29803), (368, 29860), (378, 29890),

Gene: Enby_33 Start: 27679, Stop: 28749, Start Num: 59

Candidate Starts for Enby_33:

(40, 27625), (Start: 59 @27679 has 240 MA's), (124, 27895), (125, 27898), (Start: 157 @27949 has 2 MA's), (170, 27991), (184, 28042), (217, 28156), (226, 28189), (243, 28264), (252, 28285), (289, 28414), (308, 28486), (340, 28582), (344, 28594), (368, 28663), (387, 28720), (390, 28729),

Gene: Enceladus_26 Start: 25531, Stop: 26562, Start Num: 54

Candidate Starts for Enceladus_26:

(Start: 54 @25531 has 27 MA's), (104, 25687), (115, 25711), (118, 25723), (122, 25741), (129, 25759), (136, 25777), (139, 25783), (144, 25792), (156, 25807), (161, 25822), (174, 25870), (182, 25894), (198, 25951), (212, 25990), (238, 26068), (241, 26077), (243, 26080), (250, 26095), (266, 26149), (270, 26170), (274, 26185), (301, 26269), (308, 26299), (324, 26368), (330, 26380), (341, 26404), (347, 26422), (351, 26425), (356, 26437), (358, 26440), (366, 26470), (368, 26482),

Gene: EniyanLRS_49 Start: 38079, Stop: 39044, Start Num: 59

Candidate Starts for EniyanLRS_49:

(Start: 59 @38079 has 240 MA's), (77, 38142), (99, 38202), (104, 38217), (105, 38220), (112, 38232), (114, 38238), (124, 38274), (125, 38277), (164, 38349), (168, 38364), (170, 38370), (189, 38433), (198, 38463), (209, 38496), (236, 38559), (237, 38562), (252, 38601), (264, 38634), (270, 38661), (273, 38670), (282, 38703), (320, 38838), (324, 38853), (344, 38898), (362, 38940), (368, 38967), (382, 39009),

Gene: EpicPhail_12 Start: 5962, Stop: 6927, Start Num: 60

Candidate Starts for EpicPhail_12:

(Start: 60 @5962 has 92 MA's), (Start: 75 @6007 has 5 MA's), (Start: 81 @6028 has 2 MA's), (123, 6148), (182, 6286), (198, 6343), (203, 6358), (236, 6439), (241, 6454), (250, 6472), (267, 6523), (270, 6541), (283, 6586), (308, 6682), (324, 6745), (341, 6784), (362, 6835),

Gene: Equemioh13_13 Start: 6926, Stop: 7903, Start Num: 66

Candidate Starts for Equemioh13_13:

(Start: 66 @6926 has 361 MA's), (Start: 81 @6980 has 2 MA's), (108, 7037), (168, 7169), (182, 7217), (198, 7274), (211, 7310), (233, 7358), (241, 7397), (268, 7469), (270, 7484), (283, 7529), (288, 7547), (302, 7589), (308, 7637), (314, 7664), (319, 7679), (323, 7697), (324, 7700), (362, 7790),

Gene: Eradicator_31 Start: 27626, Stop: 28627, Start Num: 59

Candidate Starts for Eradicator_31:

(Start: 59 @27626 has 240 MA's), (Start: 81 @27701 has 2 MA's), (98, 27764), (105, 27785), (Start: 134 @27869 has 1 MA's), (150, 27893), (160, 27908), (164, 27920), (198, 28031), (237, 28145), (245, 28163), (260, 28202), (267, 28226), (276, 28262), (283, 28289), (297, 28328), (308, 28376), (323, 28436), (351, 28496), (366, 28541), (368, 28553), (378, 28583),

Gene: Erdmann_254 Start: 145355, Stop: 146383, Start Num: 56

Candidate Starts for Erdmann_254:

(Start: 56 @145355 has 172 MA's), (Start: 66 @145385 has 361 MA's), (71, 145397), (Start: 81 @145439 has 2 MA's), (98, 145502), (105, 145523), (Start: 134 @145607 has 1 MA's), (160, 145649), (164, 145661), (168, 145676), (189, 145745), (198, 145772), (218, 145826), (231, 145871), (232, 145874), (257, 145952), (264, 145973), (297, 146084), (319, 146174), (323, 146192), (356, 146264), (366, 146297),

Gene: EricMillard_49 Start: 42862, Stop: 43734, Start Num: 86

Candidate Starts for EricMillard_49:

(Start: 86 @42862 has 30 MA's), (Start: 100 @42889 has 1 MA's), (123, 42949), (148, 42997), (172, 43063), (180, 43084), (188, 43105), (205, 43159), (236, 43240), (331, 43519), (333, 43522), (341, 43546), (355, 43582), (360, 43597), (363, 43609), (367, 43630),

Gene: Eris_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Eris_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: ErnieJ_246 Start: 142183, Stop: 143211, Start Num: 56

Candidate Starts for ErnieJ_246:

(Start: 56 @142183 has 172 MA's), (Start: 66 @142213 has 361 MA's), (Start: 81 @142267 has 2 MA's), (98, 142330), (105, 142351), (Start: 134 @142435 has 1 MA's), (160, 142477), (164, 142489), (168, 142504), (189, 142573), (198, 142600), (218, 142654), (231, 142699), (232, 142702), (257, 142780), (264, 142801), (297, 142912), (319, 143002), (323, 143020), (356, 143092), (366, 143125),

Gene: Eros_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Eros_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Espresso_10 Start: 6112, Stop: 7080, Start Num: 66

Candidate Starts for Espresso_10:

(Start: 66 @6112 has 361 MA's), (Start: 75 @6145 has 5 MA's), (Start: 80 @6163 has 1 MA's), (Start: 81 @6166 has 2 MA's), (184, 6433), (198, 6484), (201, 6496), (233, 6571), (252, 6634), (264, 6667), (270, 6697), (276, 6715), (282, 6739), (297, 6778), (317, 6859), (323, 6883), (324, 6886), (325, 6889), (330, 6898), (331, 6901), (365, 6985), (378, 7030), (393, 7072),

Gene: Essence_250 Start: 144391, Stop: 145419, Start Num: 56

Candidate Starts for Essence_250:

(Start: 56 @144391 has 172 MA's), (Start: 66 @144421 has 361 MA's), (71, 144433), (Start: 81 @144475 has 2 MA's), (98, 144538), (105, 144559), (Start: 134 @144643 has 1 MA's), (160, 144685), (164, 144697), (168, 144712), (189, 144781), (198, 144808), (218, 144862), (231, 144907), (232, 144910), (257, 144988), (264, 145009), (297, 145120), (319, 145210), (323, 145228), (356, 145300), (366, 145333),

Gene: Estave1_29 Start: 27038, Stop: 28039, Start Num: 59

Candidate Starts for Estave1_29:

(Start: 59 @27038 has 240 MA's), (Start: 81 @27113 has 2 MA's), (88, 27146), (98, 27176), (105, 27197), (Start: 134 @27281 has 1 MA's), (150, 27305), (160, 27320), (164, 27332), (198, 27443), (237, 27557), (245, 27575), (260, 27614), (267, 27638), (276, 27674), (283, 27701), (297, 27740), (323, 27848), (344, 27896), (351, 27908), (365, 27950), (366, 27953), (368, 27965), (378, 27995),

Gene: Estes_44 Start: 33069, Stop: 34046, Start Num: 62

Candidate Starts for Estes_44:

(Start: 62 @33069 has 8 MA's), (72, 33096), (76, 33114), (90, 33162), (104, 33192), (116, 33219), (129, 33249), (163, 33306), (166, 33315), (178, 33360), (182, 33372), (191, 33402), (198, 33426), (204, 33444), (214, 33471), (231, 33510), (240, 33549), (241, 33552), (279, 33654), (326, 33807), (331, 33810), (335, 33819), (341, 33831), (344, 33840), (353, 33861), (361, 33882), (382, 33957),

Gene: Euphoria_10 Start: 6008, Stop: 6976, Start Num: 66

Candidate Starts for Euphoria_10:

(Start: 66 @6008 has 361 MA's), (Start: 75 @6041 has 5 MA's), (Start: 80 @6059 has 1 MA's), (Start: 81 @6062 has 2 MA's), (160, 6251), (184, 6329), (189, 6347), (198, 6380), (201, 6392), (233, 6467), (252, 6530), (264, 6563), (270, 6593), (276, 6611), (282, 6635), (297, 6674), (317, 6755), (323, 6779), (324, 6782), (325, 6785), (330, 6794), (365, 6881), (378, 6926), (393, 6968),

Gene: Eurydice_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Eurydice_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: EvilGenius_13 Start: 6871, Stop: 7812, Start Num: 80

Candidate Starts for EvilGenius_13:

(Start: 66 @6820 has 361 MA's), (Start: 80 @6871 has 1 MA's), (Start: 81 @6874 has 2 MA's), (Start: 100 @6922 has 1 MA's), (160, 7048), (168, 7075), (185, 7135), (198, 7180), (205, 7204), (245, 7312), (264, 7351), (277, 7399), (281, 7414), (306, 7480), (316, 7522), (354, 7609), (368, 7657), (388, 7723), (412, 7798),

Gene: Ewok_251 Start: 144849, Stop: 145877, Start Num: 56

Candidate Starts for Ewok_251:

(Start: 56 @144849 has 172 MA's), (Start: 66 @144879 has 361 MA's), (71, 144891), (Start: 81 @144933 has 2 MA's), (98, 144996), (105, 145017), (Start: 134 @145101 has 1 MA's), (160, 145143), (164, 145155), (168, 145170), (189, 145239), (198, 145266), (218, 145320), (231, 145365), (232, 145368), (257, 145446), (264, 145467), (297, 145578), (319, 145668), (323, 145686), (356, 145758), (366, 145791),

Gene: Eyeball_10 Start: 5755, Stop: 6723, Start Num: 66

Candidate Starts for Eyeball_10:

(Start: 66 @5755 has 361 MA's), (Start: 75 @5788 has 5 MA's), (Start: 80 @5806 has 1 MA's), (Start: 81 @5809 has 2 MA's), (184, 6076), (198, 6127), (201, 6139), (233, 6214), (252, 6277), (258, 6289), (264, 6310), (267, 6322), (270, 6340), (276, 6358), (282, 6382), (297, 6421), (317, 6502), (323, 6526), (324, 6529), (325, 6532), (330, 6541), (378, 6673), (393, 6715),

Gene: Faith1_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Faith1_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Fajezeel_11 Start: 5830, Stop: 6798, Start Num: 66

Candidate Starts for Fajezeel_11:

(Start: 66 @5830 has 361 MA's), (Start: 75 @5863 has 5 MA's), (Start: 80 @5881 has 1 MA's), (Start: 81 @5884 has 2 MA's), (184, 6151), (198, 6202), (201, 6214), (233, 6289), (252, 6352), (258, 6364), (264, 6385), (267, 6397), (270, 6415), (276, 6433), (282, 6457), (297, 6496), (317, 6577), (323, 6601), (324, 6604), (325, 6607), (330, 6616), (365, 6703), (393, 6790),

Gene: Fameo_11 Start: 6448, Stop: 7431, Start Num: 66

Candidate Starts for Fameo_11:

(41, 6406), (Start: 66 @6448 has 361 MA's), (74, 6478), (Start: 75 @6481 has 5 MA's), (Start: 80 @6499 has 1 MA's), (Start: 81 @6502 has 2 MA's), (178, 6739), (182, 6751), (198, 6808), (201, 6820), (231, 6886), (270, 6997), (317, 7144), (358, 7237), (368, 7279), (392, 7351), (409, 7405),

Gene: Familton_68 Start: 43425, Stop: 44465, Start Num: 59

Candidate Starts for Familton_68:

(Start: 59 @43425 has 240 MA's), (Start: 81 @43500 has 2 MA's), (98, 43581), (Start: 100 @43587 has 1 MA's), (105, 43602), (132, 43683), (Start: 134 @43686 has 1 MA's), (164, 43740), (168, 43755), (198, 43851), (212, 43890), (220, 43920), (231, 43950), (232, 43953), (238, 43986), (264, 44052),

(276, 44100), (283, 44127), (297, 44166), (355, 44340), (368, 44391),

Gene: Fancypants_31 Start: 27528, Stop: 28529, Start Num: 59

Candidate Starts for Fancypants_31:

(34, 27429), (Start: 59 @27528 has 240 MA's), (Start: 66 @27549 has 361 MA's), (71, 27561), (Start: 81 @27603 has 2 MA's), (88, 27636), (98, 27666), (105, 27687), (117, 27717), (119, 27729), (Start: 134 @27771 has 1 MA's), (150, 27795), (160, 27810), (164, 27822), (198, 27933), (232, 28017), (237, 28047), (245, 28065), (260, 28104), (267, 28128), (276, 28164), (283, 28191), (297, 28230), (323, 28338), (344, 28386), (351, 28398), (366, 28443), (368, 28455), (378, 28485),

Gene: Farber_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for Farber_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: Fascinus_9 Start: 5758, Stop: 6726, Start Num: 66

Candidate Starts for Fascinus_9:

(Start: 66 @5758 has 361 MA's), (Start: 75 @5791 has 5 MA's), (Start: 80 @5809 has 1 MA's), (Start: 81 @5812 has 2 MA's), (184, 6079), (198, 6130), (201, 6142), (233, 6217), (252, 6280), (258, 6292), (264, 6313), (267, 6325), (270, 6343), (276, 6361), (282, 6385), (297, 6424), (317, 6505), (323, 6529), (324, 6532), (325, 6535), (330, 6544), (378, 6676), (393, 6718),

Gene: Fastidio_33 Start: 27836, Stop: 28837, Start Num: 59

Candidate Starts for Fastidio_33:

(Start: 59 @27836 has 240 MA's), (Start: 66 @27857 has 361 MA's), (Start: 81 @27911 has 2 MA's), (88, 27944), (98, 27974), (105, 27995), (Start: 134 @28079 has 1 MA's), (150, 28103), (164, 28130), (168, 28145), (198, 28241), (237, 28355), (245, 28373), (260, 28412), (267, 28436), (276, 28472), (283, 28499), (297, 28538), (308, 28586), (323, 28646), (351, 28706), (365, 28748), (366, 28751), (368, 28763), (378, 28793),

Gene: Fenn_10 Start: 5962, Stop: 6930, Start Num: 66

Candidate Starts for Fenn_10:

(Start: 66 @5962 has 361 MA's), (Start: 75 @5995 has 5 MA's), (Start: 80 @6013 has 1 MA's), (Start: 81 @6016 has 2 MA's), (184, 6283), (198, 6334), (201, 6346), (233, 6421), (252, 6484), (264, 6517), (270, 6547), (297, 6628), (317, 6709), (323, 6733), (324, 6736), (325, 6739), (330, 6748), (365, 6835), (393, 6922),

Gene: Fernando_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for Fernando_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: Filuzino_31 Start: 27478, Stop: 28476, Start Num: 59

Candidate Starts for Filuzino_31:

(Start: 59 @27478 has 240 MA's), (Start: 81 @27553 has 2 MA's), (98, 27613), (105, 27634), (Start: 134 @27718 has 1 MA's), (164, 27769), (168, 27784), (198, 27880), (236, 27991), (245, 28012), (260, 28051), (264, 28063), (276, 28111), (283, 28138), (292, 28162), (297, 28177), (323, 28285), (344, 28333), (368, 28402), (378, 28432),

Gene: Findley_29 Start: 24799, Stop: 26001, Start Num: 66

Candidate Starts for Findley_29:

(52, 24757), (Start: 66 @24799 has 361 MA's), (73, 24826), (79, 24847), (88, 24883), (98, 24904), (106, 24931), (126, 24991), (Start: 146 @25027 has 1 MA's), (160, 25060), (161, 25063), (170, 25093), (189, 25159), (201, 25198), (232, 25276), (243, 25321), (267, 25378), (270, 25396), (318, 25561), (323, 25582), (328, 25603), (338, 25708), (339, 25723), (347, 25792), (366, 25849), (389, 25930),

Gene: Finemlucis_28 Start: 26525, Stop: 27553, Start Num: 54

Candidate Starts for Finemlucis_28:

(Start: 54 @26525 has 27 MA's), (Start: 100 @26669 has 1 MA's), (Start: 157 @26804 has 2 MA's), (198, 26945), (238, 27062), (241, 27071), (243, 27074), (250, 27089), (270, 27164), (308, 27293), (312, 27320), (323, 27359), (324, 27362), (330, 27374), (356, 27431), (360, 27440), (366, 27464),

Gene: Finnry_28 Start: 26854, Stop: 27897, Start Num: 66

Candidate Starts for Finnry_28:

(Start: 66 @26854 has 361 MA's), (Start: 70 @26860 has 14 MA's), (Start: 75 @26887 has 5 MA's), (Start: 81 @26908 has 2 MA's), (Start: 100 @26959 has 1 MA's), (128, 27040), (172, 27145), (197, 27226), (198, 27232), (235, 27328), (239, 27346), (241, 27352), (245, 27358), (270, 27430), (286, 27487), (290, 27490), (309, 27547), (327, 27622), (336, 27643), (343, 27667), (348, 27682), (353, 27694), (368, 27751), (404, 27853), (408, 27874),

Gene: Firecracker_69 Start: 43815, Stop: 44855, Start Num: 59

Candidate Starts for Firecracker_69:

(Start: 59 @43815 has 240 MA's), (Start: 81 @43890 has 2 MA's), (98, 43971), (Start: 100 @43977 has 1 MA's), (105, 43992), (132, 44073), (Start: 134 @44076 has 1 MA's), (164, 44130), (168, 44145), (198, 44241), (212, 44280), (220, 44310), (231, 44340), (232, 44343), (238, 44376), (264, 44442), (273, 44481), (276, 44490), (283, 44517), (297, 44556), (355, 44730), (368, 44781),

Gene: Firehouse51_32 Start: 28314, Stop: 29315, Start Num: 59

Candidate Starts for Firehouse51_32:

(Start: 59 @28314 has 240 MA's), (Start: 81 @28389 has 2 MA's), (88, 28422), (98, 28452), (105, 28473), (117, 28503), (119, 28515), (Start: 134 @28557 has 1 MA's), (150, 28581), (160, 28596), (164, 28608), (168, 28623), (198, 28719), (236, 28830), (245, 28851), (260, 28890), (264, 28902), (276, 28950), (283, 28977), (292, 29001), (297, 29016), (323, 29124), (344, 29172), (368, 29241), (378, 29271),

Gene: FiringLine_11 Start: 6372, Stop: 7364, Start Num: 66

Candidate Starts for FiringLine_11:

(Start: 66 @6372 has 361 MA's), (Start: 80 @6423 has 1 MA's), (Start: 81 @6426 has 2 MA's), (91, 6459), (Start: 100 @6474 has 1 MA's), (158, 6594), (160, 6600), (185, 6687), (198, 6732), (245, 6864), (264, 6903), (277, 6951), (306, 7032), (316, 7074), (354, 7161), (368, 7209), (388, 7275), (412, 7350),

Gene: First_0011 Start: 6443, Stop: 7420, Start Num: 66

Candidate Starts for First_0011:

(Start: 66 @6443 has 361 MA's), (Start: 81 @6497 has 2 MA's), (168, 6686), (178, 6722), (182, 6734), (198, 6791), (211, 6827), (233, 6875), (241, 6914), (268, 6986), (270, 7001), (288, 7064), (302, 7106), (308, 7154), (314, 7181), (319, 7196), (323, 7214), (324, 7217), (341, 7256), (362, 7307), (389, 7406),

Gene: Flabslab_247 Start: 141448, Stop: 142476, Start Num: 56

Candidate Starts for Flabslab_247:

(Start: 56 @141448 has 172 MA's), (Start: 66 @141478 has 361 MA's), (Start: 81 @141532 has 2 MA's), (98, 141595), (105, 141616), (Start: 134 @141700 has 1 MA's), (160, 141742), (164, 141754), (168, 141769), (189, 141838), (198, 141865), (218, 141919), (231, 141964), (232, 141967), (257, 142045), (264, 142066), (297, 142177), (319, 142267), (323, 142285), (356, 142357), (366, 142390),

Gene: Flare16_11 Start: 6484, Stop: 7461, Start Num: 66

Candidate Starts for Flare16_11:

(Start: 66 @6484 has 361 MA's), (Start: 81 @6538 has 2 MA's), (108, 6595), (168, 6727), (172, 6739), (182, 6775), (198, 6832), (211, 6868), (233, 6916), (241, 6955), (268, 7027), (270, 7042), (283, 7087), (288, 7105), (302, 7147), (308, 7195), (314, 7222), (319, 7237), (323, 7255), (324, 7258), (362, 7348),

Gene: Flathead_31 Start: 28105, Stop: 29121, Start Num: 59

Candidate Starts for Flathead_31:

(25, 27874), (26, 27877), (28, 27925), (43, 28060), (46, 28069), (Start: 59 @28105 has 240 MA's), (93, 28237), (98, 28258), (105, 28279), (117, 28309), (119, 28321), (Start: 134 @28363 has 1 MA's), (164, 28414), (168, 28429), (198, 28525), (236, 28636), (245, 28657), (260, 28696), (264, 28708), (276, 28756), (283, 28783), (292, 28807), (297, 28822), (323, 28930), (344, 28978), (368, 29047), (378, 29077),

Gene: Florean_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Florean_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Florinda_31 Start: 27520, Stop: 28521, Start Num: 59

Candidate Starts for Florinda_31:

(Start: 59 @27520 has 240 MA's), (Start: 81 @27595 has 2 MA's), (88, 27628), (98, 27658), (105, 27679), (Start: 134 @27763 has 1 MA's), (150, 27787), (160, 27802), (164, 27814), (198, 27925), (237, 28039), (245, 28057), (260, 28096), (267, 28120), (276, 28156), (283, 28183), (297, 28222), (308, 28270), (323, 28330), (344, 28378), (351, 28390), (366, 28435), (368, 28447), (378, 28477),

Gene: Fludd_252 Start: 143267, Stop: 144295, Start Num: 56

Candidate Starts for Fludd_252:

(Start: 56 @143267 has 172 MA's), (Start: 66 @143297 has 361 MA's), (71, 143309), (Start: 81 @143351 has 2 MA's), (98, 143414), (105, 143435), (Start: 134 @143519 has 1 MA's), (160, 143561), (164, 143573), (168, 143588), (189, 143657), (198, 143684), (218, 143738), (231, 143783), (232, 143786), (257, 143864), (264, 143885), (297, 143996), (319, 144086), (323, 144104), (356, 144176), (366, 144209),

Gene: Flux_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Flux_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Forsytheast_9 Start: 6022, Stop: 6990, Start Num: 66

Candidate Starts for Forsytheast_9:

(Start: 66 @6022 has 361 MA's), (Start: 75 @6055 has 5 MA's), (Start: 80 @6073 has 1 MA's), (Start: 81 @6076 has 2 MA's), (184, 6343), (198, 6394), (201, 6406), (233, 6481), (252, 6544), (264, 6577), (267, 6589), (270, 6607), (276, 6625), (282, 6649), (297, 6688), (317, 6769), (323, 6793), (324, 6796), (325, 6799), (330, 6808), (365, 6895), (378, 6940), (393, 6982),

Gene: FoulBall_64 Start: 43419, Stop: 44459, Start Num: 59

Candidate Starts for FoulBall_64:

(Start: 59 @43419 has 240 MA's), (Start: 81 @43494 has 2 MA's), (98, 43575), (Start: 100 @43581 has 1 MA's), (105, 43596), (132, 43677), (Start: 134 @43680 has 1 MA's), (164, 43734), (168, 43749),

(198, 43845), (212, 43884), (220, 43914), (231, 43944), (232, 43947), (238, 43980), (264, 44046), (273, 44085), (276, 44094), (283, 44121), (297, 44160), (355, 44334), (368, 44385),

Gene: FoxtrotP1_251 Start: 145941, Stop: 146969, Start Num: 56

Candidate Starts for FoxtrotP1_251:

(Start: 56 @145941 has 172 MA's), (Start: 66 @145971 has 361 MA's), (71, 145983), (Start: 81 @146025 has 2 MA's), (98, 146088), (105, 146109), (Start: 134 @146193 has 1 MA's), (160, 146235), (164, 146247), (168, 146262), (189, 146331), (198, 146358), (218, 146412), (231, 146457), (232, 146460), (257, 146538), (264, 146559), (297, 146670), (319, 146760), (323, 146778), (356, 146850), (366, 146883),

Gene: Francis47_10 Start: 6259, Stop: 7227, Start Num: 66

Candidate Starts for Francis47_10:

(Start: 66 @6259 has 361 MA's), (Start: 75 @6292 has 5 MA's), (Start: 80 @6310 has 1 MA's), (Start: 81 @6313 has 2 MA's), (184, 6580), (198, 6631), (201, 6643), (233, 6718), (252, 6781), (258, 6793), (264, 6814), (267, 6826), (270, 6844), (276, 6862), (297, 6925), (317, 7006), (323, 7030), (324, 7033), (325, 7036), (330, 7045), (365, 7132), (393, 7219),

Gene: Frankie_35 Start: 28662, Stop: 29663, Start Num: 59

Candidate Starts for Frankie_35:

(Start: 59 @28662 has 240 MA's), (Start: 81 @28737 has 2 MA's), (98, 28800), (105, 28821), (Start: 134 @28905 has 1 MA's), (150, 28929), (160, 28944), (164, 28956), (198, 29067), (237, 29181), (245, 29199), (260, 29238), (267, 29262), (276, 29298), (283, 29325), (297, 29364), (308, 29412), (323, 29472), (344, 29520), (351, 29532), (366, 29577), (368, 29589), (378, 29619),

Gene: FrayBell_255 Start: 143398, Stop: 144426, Start Num: 56

Candidate Starts for FrayBell_255:

(Start: 56 @143398 has 172 MA's), (Start: 66 @143428 has 361 MA's), (71, 143440), (Start: 81 @143482 has 2 MA's), (98, 143545), (105, 143566), (Start: 134 @143650 has 1 MA's), (160, 143692), (164, 143704), (168, 143719), (189, 143788), (198, 143815), (218, 143869), (231, 143914), (232, 143917), (257, 143995), (264, 144016), (297, 144127), (319, 144217), (323, 144235), (356, 144307), (366, 144340),

Gene: Fred313_10 Start: 5440, Stop: 6180, Start Num: 152

Candidate Starts for Fred313_10:

(Start: 152 @5440 has 17 MA's), (182, 5527), (198, 5584), (201, 5596), (203, 5599), (212, 5623), (221, 5638), (236, 5686), (238, 5692), (250, 5719), (270, 5788), (293, 5860), (303, 5902), (308, 5929), (314, 5956), (323, 5989), (324, 5992), (341, 6031), (395, 6172),

Gene: FreddyB_31 Start: 27784, Stop: 28785, Start Num: 59

Candidate Starts for FreddyB_31:

(Start: 59 @27784 has 240 MA's), (Start: 81 @27859 has 2 MA's), (88, 27892), (98, 27922), (105, 27943), (117, 27973), (119, 27985), (Start: 134 @28027 has 1 MA's), (150, 28051), (160, 28066), (164, 28078), (198, 28189), (237, 28303), (245, 28321), (260, 28360), (267, 28384), (276, 28420), (297, 28486), (323, 28594), (344, 28642), (351, 28654), (366, 28699), (368, 28711), (378, 28741),

Gene: Froghopper_11 Start: 5734, Stop: 6669, Start Num: 75

Candidate Starts for Froghopper_11:

(Start: 66 @5701 has 361 MA's), (Start: 75 @5734 has 5 MA's), (Start: 80 @5752 has 1 MA's), (Start: 81 @5755 has 2 MA's), (184, 6022), (198, 6073), (201, 6085), (233, 6160), (252, 6223), (258, 6235), (264, 6256), (267, 6268), (270, 6286), (276, 6304), (282, 6328), (297, 6367), (317, 6448), (323, 6472), (324, 6475), (325, 6478), (330, 6487), (365, 6574), (378, 6619), (393, 6661),

Gene: Fruitloop_30 Start: 27672, Stop: 28670, Start Num: 59

Candidate Starts for Fruitloop_30:

(Start: 59 @27672 has 240 MA's), (Start: 81 @27747 has 2 MA's), (98, 27807), (105, 27828), (Start: 134 @27912 has 1 MA's), (164, 27963), (168, 27978), (198, 28074), (233, 28161), (236, 28185), (245, 28206), (260, 28245), (264, 28257), (276, 28305), (283, 28332), (292, 28356), (297, 28371), (323, 28479), (344, 28527), (368, 28596), (378, 28626),

Gene: FudgeTart_248 Start: 144445, Stop: 145473, Start Num: 56

Candidate Starts for FudgeTart_248:

(Start: 56 @144445 has 172 MA's), (Start: 66 @144475 has 361 MA's), (71, 144487), (Start: 81 @144529 has 2 MA's), (98, 144592), (105, 144613), (Start: 134 @144697 has 1 MA's), (160, 144739), (164, 144751), (168, 144766), (189, 144835), (198, 144862), (218, 144916), (231, 144961), (232, 144964), (257, 145042), (264, 145063), (297, 145174), (319, 145264), (323, 145282), (356, 145354), (366, 145387),

Gene: Funsized_52 Start: 45288, Stop: 46286, Start Num: 65

Candidate Starts for Funsized_52:

(Start: 65 @45288 has 3 MA's), (74, 45318), (Start: 80 @45339 has 1 MA's), (Start: 81 @45342 has 2 MA's), (83, 45348), (115, 45429), (132, 45477), (140, 45486), (197, 45642), (198, 45648), (211, 45684), (224, 45711), (234, 45732), (270, 45843), (279, 45873), (304, 45939), (322, 46014), (323, 46017), (368, 46128),

Gene: Funston_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Funston_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Fushigi_10 Start: 5921, Stop: 6889, Start Num: 66

Candidate Starts for Fushigi_10:

(Start: 66 @5921 has 361 MA's), (Start: 75 @5954 has 5 MA's), (Start: 80 @5972 has 1 MA's), (Start: 81 @5975 has 2 MA's), (184, 6242), (198, 6293), (201, 6305), (233, 6380), (260, 6464), (264, 6476), (267, 6488), (270, 6506), (276, 6524), (282, 6548), (297, 6587), (317, 6668), (323, 6692), (324, 6695), (325, 6698), (330, 6707), (365, 6794), (393, 6881),

Gene: GUmbie_31 Start: 27537, Stop: 28538, Start Num: 59

Candidate Starts for GUmbie_31:

(3, 26916), (7, 26994), (9, 27057), (12, 27096), (19, 27249), (23, 27285), (Start: 59 @27537 has 240 MA's), (Start: 66 @27558 has 361 MA's), (71, 27570), (Start: 81 @27612 has 2 MA's), (98, 27675), (105, 27696), (117, 27726), (Start: 134 @27780 has 1 MA's), (150, 27804), (164, 27831), (198, 27942), (237, 28056), (245, 28074), (260, 28113), (267, 28137), (276, 28173), (283, 28200), (297, 28239), (308, 28287), (323, 28347), (351, 28407), (368, 28464), (378, 28494),

Gene: Gabriel_255 Start: 143426, Stop: 144454, Start Num: 56

Candidate Starts for Gabriel_255:

(Start: 56 @143426 has 172 MA's), (Start: 66 @143456 has 361 MA's), (71, 143468), (Start: 81 @143510 has 2 MA's), (98, 143573), (105, 143594), (Start: 134 @143678 has 1 MA's), (160, 143720), (164, 143732), (168, 143747), (189, 143816), (198, 143843), (218, 143897), (231, 143942), (232, 143945), (257, 144023), (264, 144044), (297, 144155), (319, 144245), (323, 144263), (356, 144335), (366, 144368),

Gene: Gabriela_28 Start: 26517, Stop: 27545, Start Num: 54

Candidate Starts for Gabriela_28:

(Start: 54 @26517 has 27 MA's), (102, 26667), (Start: 157 @26796 has 2 MA's), (160, 26805), (198, 26937), (238, 27054), (241, 27063), (243, 27066), (250, 27081), (270, 27156), (274, 27171), (308, 27285), (312, 27312), (320, 27339), (324, 27354), (330, 27366), (360, 27432),

Gene: Gadjet_48 Start: 41547, Stop: 42611, Start Num: 50

Candidate Starts for Gadjet_48:

(Start: 50 @41547 has 44 MA's), (72, 41610), (94, 41691), (117, 41757), (120, 41772), (124, 41784), (135, 41811), (167, 41868), (170, 41877), (217, 42024), (223, 42039), (236, 42093), (251, 42126), (265, 42165), (268, 42177), (289, 42258), (297, 42276), (298, 42279), (344, 42435), (382, 42546), (389, 42567), (402, 42600),

Gene: Gadost_10 Start: 5885, Stop: 6865, Start Num: 68

Candidate Starts for Gadost_10:

(Start: 68 @5885 has 108 MA's), (Start: 70 @5888 has 14 MA's), (74, 5912), (Start: 80 @5933 has 1 MA's), (Start: 81 @5936 has 2 MA's), (182, 6185), (198, 6242), (234, 6326), (236, 6347), (248, 6374), (265, 6404), (270, 6431), (317, 6581), (363, 6692), (366, 6704), (368, 6716), (392, 6782),

Gene: GageAP_11 Start: 6246, Stop: 7214, Start Num: 66

Candidate Starts for GageAP_11:

(Start: 66 @6246 has 361 MA's), (Start: 75 @6279 has 5 MA's), (Start: 80 @6297 has 1 MA's), (Start: 81 @6300 has 2 MA's), (184, 6567), (198, 6618), (201, 6630), (233, 6705), (252, 6768), (258, 6780), (264, 6801), (267, 6813), (270, 6831), (276, 6849), (282, 6873), (297, 6912), (317, 6993), (323, 7017), (324, 7020), (325, 7023), (330, 7032), (365, 7119), (378, 7164), (393, 7206),

Gene: Gaia_34 Start: 30705, Stop: 31589, Start Num: 86

Candidate Starts for Gaia_34:

(Start: 86 @30705 has 30 MA's), (90, 30714), (Start: 100 @30735 has 1 MA's), (Start: 157 @30864 has 2 MA's), (160, 30870), (169, 30900), (172, 30909), (188, 30951), (211, 31020), (269, 31167), (271, 31179), (297, 31236), (301, 31257), (311, 31299), (323, 31350), (331, 31365), (333, 31368), (341, 31392), (360, 31443), (367, 31476), (383, 31527), (405, 31581),

Gene: Galactic_33 Start: 28347, Stop: 29363, Start Num: 59

Candidate Starts for Galactic_33:

(25, 28116), (26, 28119), (28, 28167), (43, 28302), (46, 28311), (Start: 59 @28347 has 240 MA's), (93, 28479), (98, 28500), (105, 28521), (117, 28551), (119, 28563), (Start: 134 @28605 has 1 MA's), (164, 28656), (168, 28671), (198, 28767), (236, 28878), (245, 28899), (260, 28938), (264, 28950), (276, 28998), (283, 29025), (292, 29049), (297, 29064), (323, 29172), (344, 29220), (368, 29289), (378, 29319),

Gene: Gamgam_254 Start: 143783, Stop: 144811, Start Num: 56

Candidate Starts for Gamgam_254:

(Start: 56 @143783 has 172 MA's), (Start: 66 @143813 has 361 MA's), (71, 143825), (Start: 81 @143867 has 2 MA's), (98, 143930), (105, 143951), (Start: 134 @144035 has 1 MA's), (160, 144077), (164, 144089), (168, 144104), (189, 144173), (198, 144200), (218, 144254), (231, 144299), (232, 144302), (257, 144380), (264, 144401), (297, 144512), (319, 144602), (323, 144620), (356, 144692), (366, 144725),

Gene: Gandalf20_11 Start: 6816, Stop: 7784, Start Num: 66

Candidate Starts for Gandalf20_11:

(Start: 66 @6816 has 361 MA's), (Start: 75 @6849 has 5 MA's), (Start: 80 @6867 has 1 MA's), (Start: 81 @6870 has 2 MA's), (184, 7137), (198, 7188), (201, 7200), (233, 7275), (252, 7338), (258, 7350), (264, 7371), (267, 7383), (270, 7401), (276, 7419), (282, 7443), (297, 7482), (317, 7563), (323, 7587), (324, 7590), (325, 7593), (330, 7602), (365, 7689), (378, 7734), (393, 7776),

Gene: Gandolph_32 Start: 27860, Stop: 28861, Start Num: 59

Candidate Starts for Gandolph_32:

(Start: 59 @27860 has 240 MA's), (Start: 66 @27881 has 361 MA's), (71, 27893), (Start: 81 @27935 has 2 MA's), (98, 27998), (105, 28019), (117, 28049), (Start: 134 @28103 has 1 MA's), (150, 28127), (164, 28154), (198, 28265), (237, 28379), (245, 28397), (260, 28436), (267, 28460), (276, 28496), (283, 28523), (297, 28562), (323, 28670), (344, 28718), (368, 28787), (378, 28817),

Gene: Gardann_28 Start: 26305, Stop: 27276, Start Num: 66

Candidate Starts for Gardann_28:

(Start: 66 @26305 has 361 MA's), (Start: 81 @26359 has 2 MA's), (123, 26479), (Start: 134 @26509 has 1 MA's), (Start: 146 @26524 has 1 MA's), (160, 26557), (161, 26560), (164, 26569), (170, 26590), (189, 26653), (198, 26680), (205, 26704), (218, 26734), (237, 26785), (241, 26797), (268, 26860), (270, 26875), (287, 26935), (298, 26950), (318, 27031), (323, 27049), (324, 27052), (325, 27055), (351, 27106), (366, 27151), (378, 27193), (398, 27235),

Gene: GardenSalsa_43 Start: 32893, Stop: 33870, Start Num: 62

Candidate Starts for GardenSalsa_43:

(Start: 62 @32893 has 8 MA's), (72, 32920), (116, 33043), (129, 33073), (163, 33130), (166, 33139), (178, 33184), (182, 33196), (191, 33226), (198, 33250), (204, 33268), (214, 33295), (231, 33334), (240, 33373), (241, 33376), (274, 33463), (279, 33478), (326, 33631), (331, 33634), (335, 33643), (341, 33655), (344, 33664), (353, 33685), (361, 33706), (382, 33781),

Gene: GaugeLDP_13 Start: 7785, Stop: 8762, Start Num: 66

Candidate Starts for GaugeLDP_13:

(Start: 66 @7785 has 361 MA's), (74, 7815), (Start: 80 @7836 has 1 MA's), (Start: 81 @7839 has 2 MA's), (91, 7872), (132, 7974), (Start: 152 @7998 has 17 MA's), (178, 8076), (182, 8088), (198, 8145), (201, 8157), (246, 8274), (270, 8334), (300, 8418), (317, 8481), (368, 8616), (392, 8682), (409, 8736),

Gene: Gemma_12 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Gemma_12:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: GenevaB15_43 Start: 32938, Stop: 33918, Start Num: 62

Candidate Starts for GenevaB15_43:

(Start: 62 @32938 has 8 MA's), (72, 32965), (104, 33061), (116, 33088), (129, 33118), (163, 33175), (166, 33184), (198, 33295), (240, 33418), (241, 33421), (274, 33511), (279, 33526), (326, 33679), (331, 33682), (335, 33691), (341, 33703), (344, 33712), (353, 33733), (361, 33754), (382, 33829),

Gene: Georgie2_12 Start: 6373, Stop: 7365, Start Num: 66

Candidate Starts for Georgie2_12:

(Start: 66 @6373 has 361 MA's), (Start: 80 @6424 has 1 MA's), (Start: 81 @6427 has 2 MA's), (91, 6460), (Start: 100 @6475 has 1 MA's), (158, 6595), (160, 6601), (185, 6688), (198, 6733), (245, 6865), (264, 6904), (277, 6952), (306, 7033), (316, 7075), (354, 7162), (368, 7210), (388, 7276), (412, 7351),

Gene: Geralt_31 Start: 27520, Stop: 28521, Start Num: 59

Candidate Starts for Geralt_31:

(34, 27421), (Start: 59 @27520 has 240 MA's), (Start: 66 @27541 has 361 MA's), (71, 27553), (Start: 81 @27595 has 2 MA's), (98, 27658), (105, 27679), (Start: 134 @27763 has 1 MA's), (150, 27787), (160, 27802), (164, 27814), (198, 27925), (237, 28039), (245, 28057), (260, 28096), (267, 28120), (276, 28156), (283, 28183), (297, 28222), (308, 28270), (323, 28330), (344, 28378), (351, 28390),

(366, 28435), (368, 28447),

Gene: Gervas_47 Start: 41514, Stop: 42578, Start Num: 50

Candidate Starts for Gervas_47:

(Start: 50 @41514 has 44 MA's), (72, 41577), (94, 41658), (117, 41724), (120, 41739), (124, 41751), (135, 41778), (167, 41835), (170, 41844), (217, 41991), (223, 42006), (236, 42060), (251, 42093), (265, 42132), (268, 42144), (289, 42225), (297, 42243), (298, 42246), (308, 42291), (344, 42402), (382, 42513), (389, 42534), (402, 42567),

Gene: Ghost_252 Start: 144407, Stop: 145435, Start Num: 56

Candidate Starts for Ghost_252:

(Start: 56 @144407 has 172 MA's), (Start: 66 @144437 has 361 MA's), (71, 144449), (Start: 81 @144491 has 2 MA's), (98, 144554), (105, 144575), (Start: 134 @144659 has 1 MA's), (160, 144701), (164, 144713), (168, 144728), (189, 144797), (198, 144824), (218, 144878), (231, 144923), (232, 144926), (257, 145004), (264, 145025), (297, 145136), (319, 145226), (323, 145244), (356, 145316), (366, 145349),

Gene: GigiOuiOui_31 Start: 27649, Stop: 28650, Start Num: 59

Candidate Starts for GigiOuiOui_31:

(3, 27028), (7, 27106), (9, 27169), (12, 27208), (19, 27361), (23, 27397), (Start: 59 @27649 has 240 MA's), (Start: 66 @27670 has 361 MA's), (71, 27682), (Start: 81 @27724 has 2 MA's), (98, 27787), (105, 27808), (117, 27838), (Start: 134 @27892 has 1 MA's), (150, 27916), (164, 27943), (198, 28054), (237, 28168), (245, 28186), (260, 28225), (267, 28249), (276, 28285), (283, 28312), (297, 28351), (308, 28399), (323, 28459), (351, 28519), (368, 28576), (378, 28606),

Gene: GingkoMaracino_12 Start: 5848, Stop: 6813, Start Num: 60

Candidate Starts for GingkoMaracino_12:

(Start: 60 @5848 has 92 MA's), (Start: 63 @5860 has 13 MA's), (Start: 75 @5893 has 5 MA's), (Start: 81 @5914 has 2 MA's), (168, 6124), (198, 6229), (236, 6325), (241, 6340), (250, 6358), (266, 6406), (267, 6409), (268, 6412), (270, 6427), (298, 6511), (308, 6568), (324, 6631), (341, 6670), (389, 6802),

Gene: Girafales_32 Start: 27328, Stop: 28329, Start Num: 59

Candidate Starts for Girafales_32:

(Start: 59 @27328 has 240 MA's), (Start: 81 @27403 has 2 MA's), (88, 27436), (98, 27466), (105, 27487), (Start: 134 @27571 has 1 MA's), (150, 27595), (160, 27610), (164, 27622), (198, 27733), (237, 27847), (245, 27865), (260, 27904), (267, 27928), (276, 27964), (283, 27991), (297, 28030), (308, 28078), (323, 28138), (344, 28186), (351, 28198), (366, 28243), (368, 28255), (378, 28285),

Gene: Giroux_10 Start: 5739, Stop: 6479, Start Num: 152

Candidate Starts for Giroux_10:

(Start: 86 @5622 has 30 MA's), (Start: 152 @5739 has 17 MA's), (182, 5826), (198, 5883), (201, 5895), (203, 5898), (212, 5922), (221, 5937), (229, 5955), (236, 5985), (238, 5991), (241, 6000), (250, 6018), (267, 6069), (270, 6087), (293, 6159), (303, 6201), (308, 6228), (314, 6255), (323, 6288), (324, 6291), (341, 6330), (395, 6471),

Gene: Girr_33 Start: 28455, Stop: 29525, Start Num: 59

Candidate Starts for Girr_33:

(40, 28404), (Start: 59 @28455 has 240 MA's), (Start: 66 @28476 has 361 MA's), (Start: 70 @28482 has 14 MA's), (Start: 75 @28509 has 5 MA's), (77, 28518), (94, 28578), (102, 28605), (124, 28671), (Start: 157 @28725 has 2 MA's), (170, 28767), (184, 28818), (206, 28902), (217, 28932), (226, 28965), (243, 29040), (252, 29061), (289, 29190), (308, 29262), (340, 29358), (344, 29370), (368, 29439), (387, 29496), (390, 29505),

Gene: Gizmo_258 Start: 147272, Stop: 148300, Start Num: 56

Candidate Starts for Gizmo_258:

(Start: 56 @147272 has 172 MA's), (Start: 66 @147302 has 361 MA's), (71, 147314), (Start: 81 @147356 has 2 MA's), (98, 147419), (105, 147440), (Start: 134 @147524 has 1 MA's), (160, 147566), (164, 147578), (168, 147593), (189, 147662), (198, 147689), (218, 147743), (231, 147788), (232, 147791), (257, 147869), (264, 147890), (297, 148001), (319, 148091), (323, 148109), (356, 148181), (366, 148214),

Gene: Glaske16_39 Start: 31793, Stop: 32764, Start Num: 63

Candidate Starts for Glaske16_39:

(Start: 63 @31793 has 13 MA's), (72, 31817), (Start: 75 @31832 has 5 MA's), (129, 31970), (Start: 143 @31997 has 16 MA's), (159, 32015), (163, 32027), (166, 32036), (178, 32081), (182, 32093), (190, 32120), (198, 32147), (201, 32159), (221, 32204), (231, 32231), (237, 32261), (240, 32270), (241, 32273), (274, 32360), (279, 32375), (326, 32528), (331, 32531), (356, 32591), (361, 32603), (363, 32612), (371, 32648), (377, 32663), (392, 32702), (404, 32735),

Gene: GlenHope_48 Start: 41527, Stop: 42591, Start Num: 50

Candidate Starts for GlenHope_48:

(Start: 50 @41527 has 44 MA's), (72, 41590), (94, 41671), (117, 41737), (120, 41752), (124, 41764), (135, 41791), (167, 41848), (170, 41857), (217, 42004), (223, 42019), (236, 42073), (251, 42106), (265, 42145), (268, 42157), (289, 42238), (297, 42256), (298, 42259), (344, 42415), (382, 42526), (389, 42547), (402, 42580),

Gene: Gompeii16_10 Start: 6219, Stop: 7187, Start Num: 66

Candidate Starts for Gompeii16_10:

(Start: 66 @6219 has 361 MA's), (Start: 75 @6252 has 5 MA's), (Start: 80 @6270 has 1 MA's), (Start: 81 @6273 has 2 MA's), (184, 6540), (198, 6591), (201, 6603), (233, 6678), (252, 6741), (264, 6774), (267, 6786), (270, 6804), (276, 6822), (282, 6846), (297, 6885), (317, 6966), (323, 6990), (324, 6993), (325, 6996), (330, 7005), (365, 7092), (393, 7179),

Gene: Gonephishing_50 Start: 40364, Stop: 41368, Start Num: 66

Candidate Starts for Gonephishing_50:

(Start: 66 @40364 has 361 MA's), (Start: 81 @40418 has 2 MA's), (Start: 100 @40469 has 1 MA's), (124, 40541), (164, 40616), (198, 40730), (201, 40742), (214, 40775), (237, 40844), (241, 40856), (247, 40868), (249, 40871), (267, 40916), (270, 40934), (318, 41096), (321, 41111), (324, 41120), (401, 41321),

Gene: Goose_10 Start: 5711, Stop: 6685, Start Num: 66

Candidate Starts for Goose_10:

(53, 5672), (Start: 66 @5711 has 361 MA's), (Start: 81 @5765 has 2 MA's), (136, 5918), (198, 6080), (203, 6095), (233, 6164), (236, 6188), (238, 6194), (241, 6203), (267, 6272), (270, 6290), (283, 6335), (288, 6353), (308, 6431), (314, 6458), (319, 6473), (324, 6494), (362, 6584), (372, 6626), (396, 6677),

Gene: Gorge_31 Start: 27751, Stop: 28752, Start Num: 59

Candidate Starts for Gorge_31:

(Start: 59 @27751 has 240 MA's), (Start: 81 @27826 has 2 MA's), (88, 27859), (98, 27889), (105, 27910), (117, 27940), (119, 27952), (Start: 134 @27994 has 1 MA's), (150, 28018), (160, 28033), (164, 28045), (198, 28156), (237, 28270), (245, 28288), (260, 28327), (267, 28351), (276, 28387), (297, 28453), (323, 28561), (344, 28609), (351, 28621), (366, 28666), (368, 28678), (378, 28708),

Gene: Graduation_12 Start: 6781, Stop: 7749, Start Num: 66

Candidate Starts for Graduation_12:

(Start: 66 @6781 has 361 MA's), (Start: 75 @6814 has 5 MA's), (Start: 80 @6832 has 1 MA's), (Start: 81 @6835 has 2 MA's), (184, 7102), (198, 7153), (201, 7165), (233, 7240), (252, 7303), (264, 7336), (267, 7348), (270, 7366), (276, 7384), (297, 7447), (317, 7528), (323, 7552), (324, 7555), (325, 7558), (330, 7567), (365, 7654), (378, 7699), (393, 7741),

Gene: Grasshills_259 Start: 146393, Stop: 147421, Start Num: 56

Candidate Starts for Grasshills_259:

(Start: 56 @146393 has 172 MA's), (Start: 66 @146423 has 361 MA's), (71, 146435), (Start: 81 @146477 has 2 MA's), (98, 146540), (105, 146561), (Start: 134 @146645 has 1 MA's), (160, 146687), (164, 146699), (168, 146714), (189, 146783), (198, 146810), (218, 146864), (231, 146909), (232, 146912), (257, 146990), (264, 147011), (297, 147122), (319, 147212), (323, 147230), (356, 147302), (366, 147335),

Gene: GrecoEtereo_11 Start: 6325, Stop: 7287, Start Num: 66

Candidate Starts for GrecoEtereo_11:

(Start: 66 @6325 has 361 MA's), (Start: 75 @6358 has 5 MA's), (Start: 80 @6376 has 1 MA's), (Start: 81 @6379 has 2 MA's), (164, 6580), (184, 6646), (198, 6691), (234, 6781), (260, 6862), (264, 6874), (267, 6886), (270, 6904), (276, 6922), (282, 6946), (297, 6985), (317, 7066), (323, 7090), (324, 7093), (325, 7096), (330, 7105), (365, 7192), (378, 7237), (393, 7279),

Gene: Greg_11 Start: 5830, Stop: 6798, Start Num: 66

Candidate Starts for Greg_11:

(Start: 66 @5830 has 361 MA's), (Start: 75 @5863 has 5 MA's), (Start: 80 @5881 has 1 MA's), (Start: 81 @5884 has 2 MA's), (184, 6151), (198, 6202), (201, 6214), (233, 6289), (252, 6352), (258, 6364), (264, 6385), (267, 6397), (270, 6415), (276, 6433), (282, 6457), (297, 6496), (317, 6577), (323, 6601), (324, 6604), (325, 6607), (330, 6616), (365, 6703), (393, 6790),

Gene: Grif_12 Start: 6045, Stop: 7010, Start Num: 60

Candidate Starts for Grif_12:

(Start: 60 @6045 has 92 MA's), (Start: 75 @6090 has 5 MA's), (Start: 81 @6111 has 2 MA's), (123, 6231), (182, 6369), (198, 6426), (203, 6441), (236, 6522), (241, 6537), (250, 6555), (267, 6606), (270, 6624), (283, 6669), (308, 6765), (324, 6828), (341, 6867), (362, 6918),

Gene: Groupthink_13 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Groupthink_13:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: Grub_12 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for Grub_12:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: Grum1_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for Grum1_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: Grungle_234 Start: 141672, Stop: 142700, Start Num: 56

Candidate Starts for Grungle_234:

(Start: 56 @141672 has 172 MA's), (Start: 66 @141702 has 361 MA's), (71, 141714), (Start: 81 @141756 has 2 MA's), (98, 141819), (105, 141840), (Start: 134 @141924 has 1 MA's), (160, 141966), (164, 141978), (168, 141993), (189, 142062), (198, 142089), (218, 142143), (231, 142188), (232, 142191), (257, 142269), (264, 142290), (297, 142401), (319, 142491), (323, 142509), (356, 142581), (366, 142614),

Gene: GtownJaz_12 Start: 5963, Stop: 6928, Start Num: 60

Candidate Starts for GtownJaz_12:

(Start: 60 @5963 has 92 MA's), (Start: 75 @6008 has 5 MA's), (Start: 81 @6029 has 2 MA's), (123, 6149), (182, 6287), (198, 6344), (203, 6359), (236, 6440), (241, 6455), (250, 6473), (267, 6524), (270, 6542), (283, 6587), (308, 6683), (324, 6746), (341, 6785), (362, 6836),

Gene: Guppsters_33 Start: 28042, Stop: 29043, Start Num: 59

Candidate Starts for Guppsters_33:

(Start: 59 @28042 has 240 MA's), (Start: 81 @28117 has 2 MA's), (88, 28150), (98, 28180), (105, 28201), (Start: 134 @28285 has 1 MA's), (164, 28336), (168, 28351), (198, 28447), (236, 28558), (245, 28579), (260, 28618), (264, 28630), (276, 28678), (283, 28705), (292, 28729), (297, 28744), (323, 28852), (344, 28900), (368, 28969), (378, 28999),

Gene: GuuelaD_28 Start: 26337, Stop: 27308, Start Num: 66

Candidate Starts for GuuelaD_28:

(Start: 66 @26337 has 361 MA's), (Start: 81 @26391 has 2 MA's), (123, 26511), (Start: 134 @26541 has 1 MA's), (Start: 146 @26556 has 1 MA's), (160, 26589), (161, 26592), (164, 26601), (170, 26622), (189, 26685), (198, 26712), (205, 26736), (218, 26766), (237, 26817), (241, 26829), (268, 26892), (270, 26907), (287, 26967), (298, 26982), (318, 27063), (323, 27081), (324, 27084), (325, 27087), (351, 27138), (366, 27183), (378, 27225), (398, 27267),

Gene: Guwapp_248 Start: 143241, Stop: 144269, Start Num: 56

Candidate Starts for Guwapp_248:

(Start: 56 @143241 has 172 MA's), (Start: 66 @143271 has 361 MA's), (71, 143283), (Start: 81 @143325 has 2 MA's), (98, 143388), (105, 143409), (Start: 134 @143493 has 1 MA's), (160, 143535), (164, 143547), (168, 143562), (189, 143631), (198, 143658), (218, 143712), (231, 143757), (232, 143760), (257, 143838), (264, 143859), (297, 143970), (319, 144060), (323, 144078), (356, 144150), (366, 144183),

Gene: Gwendoluna_11 Start: 6701, Stop: 7669, Start Num: 66

Candidate Starts for Gwendoluna_11:

(Start: 66 @6701 has 361 MA's), (Start: 75 @6734 has 5 MA's), (Start: 80 @6752 has 1 MA's), (Start: 81 @6755 has 2 MA's), (184, 7022), (198, 7073), (201, 7085), (233, 7160), (252, 7223), (258, 7235), (264, 7256), (267, 7268), (270, 7286), (276, 7304), (282, 7328), (297, 7367), (317, 7448), (323, 7472), (324, 7475), (325, 7478), (330, 7487), (365, 7574),

Gene: Gyzlar_11 Start: 6460, Stop: 7428, Start Num: 66

Candidate Starts for Gyzlar_11:

(Start: 66 @6460 has 361 MA's), (Start: 75 @6493 has 5 MA's), (Start: 80 @6511 has 1 MA's), (Start: 81 @6514 has 2 MA's), (184, 6781), (198, 6832), (201, 6844), (233, 6919), (252, 6982), (258, 6994), (264, 7015), (267, 7027), (270, 7045), (276, 7063), (282, 7087), (297, 7126), (317, 7207), (323, 7231), (324, 7234), (325, 7237), (330, 7246), (365, 7333), (378, 7378), (393, 7420),

Gene: HINdeR_10 Start: 7162, Stop: 8142, Start Num: 66

Candidate Starts for HINdeR_10:

(Start: 66 @7162 has 361 MA's), (Start: 81 @7216 has 2 MA's), (102, 7270), (115, 7303), (124, 7339), (168, 7438), (198, 7543), (233, 7615), (237, 7642), (250, 7672), (270, 7741), (288, 7804), (308, 7882),

(314, 7909), (319, 7924), (324, 7945), (344, 7993), (362, 8035), (379, 8101),

Gene: Hades_32 Start: 27853, Stop: 28854, Start Num: 59

Candidate Starts for Hades_32:

(2, 27232), (6, 27310), (8, 27373), (11, 27412), (16, 27544), (19, 27565), (23, 27601), (34, 27754), (49, 27826), (Start: 59 @27853 has 240 MA's), (Start: 81 @27928 has 2 MA's), (88, 27961), (98, 27991), (105, 28012), (Start: 134 @28096 has 1 MA's), (150, 28120), (160, 28135), (164, 28147), (198, 28258), (237, 28372), (245, 28390), (260, 28429), (267, 28453), (276, 28489), (283, 28516), (297, 28555), (308, 28603), (323, 28663), (351, 28723), (368, 28780), (378, 28810),

Gene: Hafay_28 Start: 26336, Stop: 27307, Start Num: 66

Candidate Starts for Hafay_28:

(Start: 66 @26336 has 361 MA's), (Start: 81 @26390 has 2 MA's), (123, 26510), (Start: 134 @26540 has 1 MA's), (Start: 146 @26555 has 1 MA's), (160, 26588), (161, 26591), (164, 26600), (170, 26621), (189, 26684), (198, 26711), (205, 26735), (218, 26765), (237, 26816), (241, 26828), (268, 26891), (270, 26906), (287, 26966), (298, 26981), (318, 27062), (323, 27080), (324, 27083), (325, 27086), (351, 27137), (366, 27182), (378, 27224), (398, 27266),

Gene: Halena_26 Start: 25558, Stop: 26589, Start Num: 54

Candidate Starts for Halena_26:

(Start: 54 @25558 has 27 MA's), (103, 25711), (104, 25714), (115, 25738), (118, 25750), (122, 25768), (129, 25786), (136, 25804), (139, 25810), (144, 25819), (161, 25849), (182, 25921), (198, 25978), (212, 26017), (238, 26095), (241, 26104), (243, 26107), (250, 26122), (266, 26176), (270, 26197), (274, 26212), (301, 26296), (308, 26326), (324, 26395), (330, 26407), (341, 26431), (347, 26449), (351, 26452), (356, 26464), (358, 26467), (366, 26497), (368, 26509),

Gene: Halfpint_46 Start: 41352, Stop: 42416, Start Num: 50

Candidate Starts for Halfpint_46:

(Start: 50 @41352 has 44 MA's), (72, 41415), (94, 41496), (117, 41562), (120, 41577), (124, 41589), (135, 41616), (167, 41673), (170, 41682), (217, 41829), (223, 41844), (236, 41898), (251, 41931), (265, 41970), (268, 41982), (289, 42063), (297, 42081), (298, 42084), (308, 42129), (344, 42240), (382, 42351), (389, 42372), (402, 42405),

Gene: Halldule_244 Start: 142854, Stop: 143882, Start Num: 56

Candidate Starts for Halldule_244:

(Start: 56 @142854 has 172 MA's), (Start: 66 @142884 has 361 MA's), (71, 142896), (Start: 81 @142938 has 2 MA's), (98, 143001), (105, 143022), (Start: 134 @143106 has 1 MA's), (160, 143148), (164, 143160), (168, 143175), (189, 143244), (198, 143271), (218, 143325), (231, 143370), (232, 143373), (257, 143451), (264, 143472), (297, 143583), (319, 143673), (323, 143691), (356, 143763), (366, 143796),

Gene: Halley_49 Start: 42575, Stop: 43447, Start Num: 86

Candidate Starts for Halley_49:

(Start: 86 @42575 has 30 MA's), (Start: 100 @42602 has 1 MA's), (123, 42662), (148, 42710), (172, 42776), (180, 42797), (188, 42818), (205, 42872), (236, 42953), (331, 43232), (333, 43235), (341, 43259), (355, 43295), (360, 43310), (363, 43322), (367, 43343),

Gene: HamSlice_9 Start: 5885, Stop: 6862, Start Num: 70

Candidate Starts for HamSlice_9:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: Hami1_11 Start: 6230, Stop: 7198, Start Num: 66

Candidate Starts for Hami1_11:

(Start: 66 @6230 has 361 MA's), (Start: 75 @6263 has 5 MA's), (Start: 80 @6281 has 1 MA's), (Start: 81 @6284 has 2 MA's), (184, 6551), (198, 6602), (201, 6614), (233, 6689), (252, 6752), (258, 6764), (264, 6785), (267, 6797), (270, 6815), (276, 6833), (297, 6896), (317, 6977), (323, 7001), (324, 7004), (325, 7007), (330, 7016), (331, 7019), (378, 7148), (393, 7190),

Gene: Hamulus_32 Start: 28436, Stop: 29479, Start Num: 70

Candidate Starts for Hamulus_32:

(40, 28358), (Start: 59 @28409 has 240 MA's), (Start: 66 @28430 has 361 MA's), (Start: 70 @28436 has 14 MA's), (Start: 75 @28463 has 5 MA's), (77, 28472), (94, 28532), (102, 28559), (124, 28625), (Start: 157 @28679 has 2 MA's), (170, 28721), (184, 28772), (206, 28856), (217, 28886), (226, 28919), (243, 28994), (252, 29015), (289, 29144), (308, 29216), (340, 29312), (344, 29324), (368, 29393), (387, 29450), (390, 29459),

Gene: HanShotFirst_10 Start: 5623, Stop: 6591, Start Num: 66

Candidate Starts for HanShotFirst_10:

(Start: 66 @5623 has 361 MA's), (Start: 75 @5656 has 5 MA's), (Start: 80 @5674 has 1 MA's), (Start: 81 @5677 has 2 MA's), (184, 5944), (198, 5995), (201, 6007), (233, 6082), (264, 6178), (267, 6190), (270, 6208), (276, 6226), (282, 6250), (297, 6289), (317, 6370), (323, 6394), (324, 6397), (325, 6400), (330, 6409), (365, 6496), (378, 6541), (393, 6583),

Gene: Hannaconda_45 Start: 37054, Stop: 37926, Start Num: 86

Candidate Starts for Hannaconda_45:

(38, 36883), (Start: 86 @37054 has 30 MA's), (Start: 100 @37081 has 1 MA's), (123, 37141), (155, 37198), (Start: 157 @37210 has 2 MA's), (172, 37255), (180, 37276), (188, 37297), (205, 37351), (236, 37432), (285, 37573), (331, 37711), (333, 37714), (341, 37738), (355, 37774), (360, 37789), (363, 37801), (367, 37822),

Gene: Happiness_10 Start: 5886, Stop: 6866, Start Num: 68

Candidate Starts for Happiness_10:

(Start: 68 @5886 has 108 MA's), (Start: 70 @5889 has 14 MA's), (74, 5913), (Start: 80 @5934 has 1 MA's), (Start: 81 @5937 has 2 MA's), (182, 6186), (198, 6243), (234, 6327), (236, 6348), (248, 6375), (265, 6405), (270, 6432), (317, 6582), (363, 6693), (366, 6705), (368, 6717), (392, 6783),

Gene: Harley_31 Start: 27457, Stop: 28458, Start Num: 59

Candidate Starts for Harley_31:

(34, 27358), (Start: 59 @27457 has 240 MA's), (Start: 66 @27478 has 361 MA's), (71, 27490), (Start: 81 @27532 has 2 MA's), (88, 27565), (98, 27595), (105, 27616), (Start: 134 @27700 has 1 MA's), (150, 27724), (160, 27739), (164, 27751), (198, 27862), (237, 27976), (245, 27994), (260, 28033), (267, 28057), (276, 28093), (283, 28120), (297, 28159), (308, 28207), (323, 28267), (344, 28315), (351, 28327), (366, 28372), (368, 28384), (378, 28414),

Gene: HarryHoudini_13 Start: 6940, Stop: 7917, Start Num: 66

Candidate Starts for HarryHoudini_13:

(Start: 66 @6940 has 361 MA's), (Start: 81 @6994 has 2 MA's), (108, 7051), (168, 7183), (182, 7231), (198, 7288), (211, 7324), (233, 7372), (241, 7411), (268, 7483), (270, 7498), (283, 7543), (288, 7561), (302, 7603), (308, 7651), (314, 7678), (319, 7693), (323, 7711), (324, 7714), (362, 7804),

Gene: HarryOW_11 Start: 6325, Stop: 7287, Start Num: 66

Candidate Starts for HarryOW_11:

(Start: 66 @6325 has 361 MA's), (Start: 75 @6358 has 5 MA's), (Start: 80 @6376 has 1 MA's), (Start: 81 @6379 has 2 MA's), (164, 6580), (184, 6646), (198, 6691), (234, 6781), (260, 6862), (264, 6874),

(267, 6886), (270, 6904), (276, 6922), (282, 6946), (297, 6985), (317, 7066), (323, 7090), (324, 7093), (325, 7096), (330, 7105), (365, 7192), (393, 7279),

Gene: HarveySr_47 Start: 41520, Stop: 42584, Start Num: 50

Candidate Starts for HarveySr_47:

(Start: 50 @41520 has 44 MA's), (72, 41583), (94, 41664), (117, 41730), (120, 41745), (124, 41757), (135, 41784), (167, 41841), (170, 41850), (217, 41997), (223, 42012), (236, 42066), (251, 42099), (265, 42138), (268, 42150), (289, 42231), (297, 42249), (298, 42252), (308, 42297), (344, 42408), (382, 42519), (389, 42540), (402, 42573),

Gene: HashRod_13 Start: 6046, Stop: 7011, Start Num: 60

Candidate Starts for HashRod_13:

(Start: 60 @6046 has 92 MA's), (Start: 75 @6091 has 5 MA's), (Start: 81 @6112 has 2 MA's), (123, 6232), (182, 6370), (198, 6427), (203, 6442), (236, 6523), (241, 6538), (250, 6556), (267, 6607), (270, 6625), (283, 6670), (308, 6766), (324, 6829), (341, 6868), (362, 6919),

Gene: Hashim76_52 Start: 41795, Stop: 42796, Start Num: 67

Candidate Starts for Hashim76_52:

(Start: 67 @41795 has 1 MA's), (74, 41822), (Start: 81 @41846 has 2 MA's), (132, 41987), (197, 42152), (198, 42158), (224, 42221), (234, 42242), (264, 42323), (265, 42326), (270, 42353), (289, 42413), (304, 42449), (322, 42524), (323, 42527), (348, 42581), (368, 42638), (370, 42647), (411, 42770),

Gene: HaveUMetTed_13 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for HaveUMetTed_13:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: Heathcliff_47 Start: 41498, Stop: 42562, Start Num: 50

Candidate Starts for Heathcliff_47:

(Start: 50 @41498 has 44 MA's), (72, 41561), (94, 41642), (117, 41708), (120, 41723), (124, 41735), (135, 41762), (167, 41819), (170, 41828), (217, 41975), (223, 41990), (236, 42044), (251, 42077), (265, 42116), (268, 42128), (289, 42209), (297, 42227), (298, 42230), (308, 42275), (344, 42386), (382, 42497), (389, 42518), (402, 42551),

Gene: Heathen_10 Start: 5538, Stop: 6278, Start Num: 152

Candidate Starts for Heathen_10:

(Start: 152 @5538 has 17 MA's), (182, 5625), (198, 5682), (201, 5694), (203, 5697), (212, 5721), (221, 5736), (229, 5754), (236, 5784), (238, 5790), (250, 5817), (270, 5886), (293, 5958), (303, 6000), (308, 6027), (314, 6054), (323, 6087), (324, 6090), (341, 6129), (395, 6270),

Gene: Heffalump_13 Start: 8247, Stop: 9230, Start Num: 66

Candidate Starts for Heffalump_13:

(41, 8205), (Start: 66 @8247 has 361 MA's), (74, 8277), (Start: 75 @8280 has 5 MA's), (Start: 80 @8298 has 1 MA's), (Start: 81 @8301 has 2 MA's), (178, 8538), (182, 8550), (198, 8607), (201, 8619), (231, 8685), (270, 8796), (317, 8943), (358, 9036), (368, 9078), (392, 9150), (409, 9204),

Gene: Hegedechwinu_32 Start: 27550, Stop: 28551, Start Num: 59

Candidate Starts for Hegedechwinu_32:

(Start: 59 @27550 has 240 MA's), (Start: 81 @27625 has 2 MA's), (88, 27658), (98, 27688), (105, 27709), (Start: 134 @27793 has 1 MA's), (164, 27844), (168, 27859), (198, 27955), (236, 28066), (245, 28087), (260, 28126), (264, 28138), (276, 28186), (283, 28213), (292, 28237), (297, 28252),

(323, 28360), (344, 28408), (368, 28477), (378, 28507),

Gene: HelDan_10 Start: 5790, Stop: 6530, Start Num: 152

Candidate Starts for HelDan_10:

(Start: 152 @5790 has 17 MA's), (182, 5877), (198, 5934), (201, 5946), (203, 5949), (212, 5973), (221, 5988), (229, 6006), (236, 6036), (238, 6042), (250, 6069), (270, 6138), (293, 6210), (303, 6252), (308, 6279), (314, 6306), (323, 6339), (324, 6342), (341, 6381), (395, 6522),

Gene: Heliosoles_12 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Heliosoles_12:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: Hercules11_12 Start: 5969, Stop: 6934, Start Num: 60

Candidate Starts for Hercules11_12:

(Start: 60 @5969 has 92 MA's), (Start: 75 @6014 has 5 MA's), (Start: 81 @6035 has 2 MA's), (123, 6155), (198, 6350), (203, 6365), (236, 6446), (241, 6461), (250, 6479), (267, 6530), (270, 6548), (283, 6593), (308, 6689), (324, 6752), (341, 6791), (362, 6842),

Gene: Hermia_12 Start: 6769, Stop: 7731, Start Num: 66

Candidate Starts for Hermia_12:

(Start: 66 @6769 has 361 MA's), (Start: 75 @6802 has 5 MA's), (Start: 80 @6820 has 1 MA's), (Start: 81 @6823 has 2 MA's), (184, 7090), (198, 7135), (234, 7225), (260, 7306), (264, 7318), (267, 7330), (270, 7348), (276, 7366), (282, 7390), (297, 7429), (317, 7510), (323, 7534), (324, 7537), (325, 7540), (330, 7549), (365, 7636), (378, 7681), (393, 7723),

Gene: HermioneGrange_11 Start: 5732, Stop: 6700, Start Num: 66

Candidate Starts for HermioneGrange_11:

(Start: 66 @5732 has 361 MA's), (Start: 75 @5765 has 5 MA's), (Start: 80 @5783 has 1 MA's), (Start: 81 @5786 has 2 MA's), (184, 6053), (189, 6071), (198, 6104), (201, 6116), (233, 6191), (252, 6254), (258, 6266), (264, 6287), (267, 6299), (270, 6317), (276, 6335), (282, 6359), (297, 6398), (317, 6479), (323, 6503), (324, 6506), (325, 6509), (330, 6518), (365, 6605), (393, 6692),

Gene: Hlubikazi_32 Start: 28332, Stop: 29348, Start Num: 59

Candidate Starts for Hlubikazi_32:

(16, 28014), (17, 28020), (18, 28032), (Start: 20 @28044 has 1 MA's), (21, 28056), (Start: 59 @28332 has 240 MA's), (93, 28464), (98, 28485), (105, 28506), (117, 28536), (119, 28548), (Start: 134 @28590 has 1 MA's), (150, 28614), (160, 28629), (164, 28641), (168, 28656), (198, 28752), (236, 28863), (245, 28884), (260, 28923), (264, 28935), (276, 28983), (283, 29010), (292, 29034), (297, 29049), (323, 29157), (344, 29205), (368, 29274), (378, 29304),

Gene: HokkenD_42 Start: 40844, Stop: 41716, Start Num: 86

Candidate Starts for HokkenD_42:

(Start: 86 @40844 has 30 MA's), (Start: 100 @40871 has 1 MA's), (123, 40931), (148, 40979), (172, 41045), (180, 41066), (188, 41087), (205, 41141), (236, 41222), (331, 41501), (333, 41504), (341, 41528), (355, 41564), (360, 41579), (363, 41591), (367, 41612),

Gene: Holli_10 Start: 5677, Stop: 6654, Start Num: 70

Candidate Starts for Holli_10:

(Start: 68 @5674 has 108 MA's), (Start: 70 @5677 has 14 MA's), (74, 5701), (Start: 80 @5722 has 1 MA's), (Start: 81 @5725 has 2 MA's), (182, 5974), (198, 6031), (234, 6115), (236, 6136), (248, 6163), (270, 6220), (317, 6370), (363, 6481), (366, 6493), (368, 6505), (392, 6571),

Gene: Homines_10 Start: 6038, Stop: 7006, Start Num: 66

Candidate Starts for Homines_10:

(Start: 66 @6038 has 361 MA's), (Start: 75 @6071 has 5 MA's), (Start: 80 @6089 has 1 MA's), (Start: 81 @6092 has 2 MA's), (184, 6359), (198, 6410), (201, 6422), (233, 6497), (252, 6560), (258, 6572), (264, 6593), (267, 6605), (270, 6623), (276, 6641), (282, 6665), (297, 6704), (317, 6785), (323, 6809), (324, 6812), (325, 6815), (330, 6824), (365, 6911), (393, 6998),

Gene: Hookmount_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Hookmount_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Hope4ever_10 Start: 6140, Stop: 7108, Start Num: 66

Candidate Starts for Hope4ever_10:

(Start: 66 @6140 has 361 MA's), (Start: 75 @6173 has 5 MA's), (Start: 80 @6191 has 1 MA's), (Start: 81 @6194 has 2 MA's), (184, 6461), (198, 6512), (201, 6524), (233, 6599), (252, 6662), (258, 6674), (264, 6695), (267, 6707), (270, 6725), (276, 6743), (282, 6767), (297, 6806), (317, 6887), (323, 6911), (324, 6914), (325, 6917), (330, 6926), (331, 6929), (378, 7058), (393, 7100),

Gene: Hosp_040 Start: 38571, Stop: 39566, Start Num: 66

Candidate Starts for Hosp_040:

(Start: 66 @38571 has 361 MA's), (74, 38601), (Start: 80 @38622 has 1 MA's), (Start: 81 @38625 has 2 MA's), (115, 38712), (132, 38760), (158, 38793), (178, 38862), (197, 38925), (198, 38931), (211, 38967), (234, 39015), (270, 39126), (300, 39213), (301, 39216), (317, 39276), (320, 39288), (323, 39300), (325, 39306), (368, 39411), (411, 39543),

Gene: Houdini22_10 Start: 5885, Stop: 6865, Start Num: 68

Candidate Starts for Houdini22_10:

(Start: 68 @5885 has 108 MA's), (Start: 70 @5888 has 14 MA's), (74, 5912), (Start: 80 @5933 has 1 MA's), (Start: 81 @5936 has 2 MA's), (182, 6185), (198, 6242), (234, 6326), (236, 6347), (248, 6374), (265, 6404), (270, 6431), (317, 6581), (363, 6692), (366, 6704), (368, 6716), (392, 6782),

Gene: Hughesyang_47 Start: 42504, Stop: 43376, Start Num: 86

Candidate Starts for Hughesyang_47:

(Start: 86 @42504 has 30 MA's), (Start: 100 @42531 has 1 MA's), (123, 42591), (148, 42639), (172, 42705), (180, 42726), (188, 42747), (205, 42801), (236, 42882), (331, 43161), (333, 43164), (341, 43188), (355, 43224), (360, 43239), (363, 43251), (367, 43272),

Gene: HyRo_237 Start: 143758, Stop: 144786, Start Num: 56

Candidate Starts for HyRo_237:

(Start: 56 @143758 has 172 MA's), (Start: 66 @143788 has 361 MA's), (Start: 81 @143842 has 2 MA's), (98, 143905), (105, 143926), (Start: 134 @144010 has 1 MA's), (160, 144052), (164, 144064), (168, 144079), (189, 144148), (198, 144175), (218, 144229), (231, 144274), (232, 144277), (257, 144355), (264, 144376), (297, 144487), (319, 144577), (323, 144595), (356, 144667), (366, 144700),

Gene: I3_262 Start: 145549, Stop: 146577, Start Num: 56

Candidate Starts for I3_262:

(Start: 56 @145549 has 172 MA's), (Start: 66 @145579 has 361 MA's), (71, 145591), (Start: 81 @145633 has 2 MA's), (98, 145696), (105, 145717), (Start: 134 @145801 has 1 MA's), (160, 145843), (164, 145855), (168, 145870), (189, 145939), (198, 145966), (218, 146020), (231, 146065), (232,

146068), (257, 146146), (264, 146167), (297, 146278), (319, 146368), (323, 146386), (366, 146491),

Gene: ICleared_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for ICleared_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: ILeeKay_12 Start: 6192, Stop: 7160, Start Num: 66

Candidate Starts for ILeeKay_12:

(Start: 66 @6192 has 361 MA's), (Start: 75 @6225 has 5 MA's), (Start: 80 @6243 has 1 MA's), (Start: 81 @6246 has 2 MA's), (184, 6513), (198, 6564), (201, 6576), (233, 6651), (252, 6714), (264, 6747), (267, 6759), (270, 6777), (276, 6795), (282, 6819), (297, 6858), (317, 6939), (323, 6963), (324, 6966), (325, 6969), (330, 6978), (365, 7065), (393, 7152),

Gene: IPhane7_38 Start: 31794, Stop: 32765, Start Num: 63

Candidate Starts for IPhane7_38:

(Start: 63 @31794 has 13 MA's), (72, 31818), (Start: 75 @31833 has 5 MA's), (129, 31971), (Start: 143 @31998 has 16 MA's), (159, 32016), (163, 32028), (166, 32037), (178, 32082), (182, 32094), (190, 32121), (198, 32148), (201, 32160), (221, 32205), (231, 32232), (237, 32262), (240, 32271), (241, 32274), (274, 32361), (279, 32376), (326, 32529), (331, 32532), (356, 32592), (361, 32604), (363, 32613), (371, 32649), (377, 32664), (392, 32703), (404, 32736),

Gene: IbOuu_33 Start: 28383, Stop: 29102, Start Num: 160

Candidate Starts for IbOuu_33:

(25, 27855), (26, 27858), (28, 27906), (43, 28041), (46, 28050), (Start: 59 @28086 has 240 MA's), (93, 28218), (98, 28239), (105, 28260), (117, 28290), (119, 28302), (Start: 134 @28344 has 1 MA's), (150, 28368), (160, 28383), (164, 28395), (168, 28410), (198, 28506), (237, 28620), (245, 28638), (260, 28677), (267, 28701), (276, 28737), (283, 28764), (292, 28788), (297, 28803), (323, 28911), (344, 28959), (368, 29028), (378, 29058),

Gene: Ibhubesi_31 Start: 27464, Stop: 28465, Start Num: 59

Candidate Starts for Ibhubesi_31:

(34, 27365), (Start: 59 @27464 has 240 MA's), (Start: 66 @27485 has 361 MA's), (71, 27497), (Start: 81 @27539 has 2 MA's), (88, 27572), (98, 27602), (105, 27623), (Start: 134 @27707 has 1 MA's), (150, 27731), (160, 27746), (164, 27758), (198, 27869), (237, 27983), (245, 28001), (260, 28040), (267, 28064), (276, 28100), (283, 28127), (297, 28166), (308, 28214), (323, 28274), (344, 28322), (351, 28334), (366, 28379), (368, 28391), (378, 28421),

Gene: Iceman_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Iceman_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Ichabod_10 Start: 5749, Stop: 6717, Start Num: 66

Candidate Starts for Ichabod_10:

(Start: 66 @5749 has 361 MA's), (Start: 75 @5782 has 5 MA's), (Start: 80 @5800 has 1 MA's), (Start: 81 @5803 has 2 MA's), (184, 6070), (198, 6121), (201, 6133), (233, 6208), (264, 6304), (270, 6334), (297, 6415), (317, 6496), (323, 6520), (324, 6523), (325, 6526), (330, 6535), (365, 6622), (393, 6709),

Gene: Idergollasper_67 Start: 43419, Stop: 44459, Start Num: 59

Candidate Starts for Idergollasper_67:

(Start: 59 @43419 has 240 MA's), (Start: 81 @43494 has 2 MA's), (98, 43575), (Start: 100 @43581 has 1 MA's), (105, 43596), (132, 43677), (Start: 134 @43680 has 1 MA's), (164, 43734), (168, 43749), (198, 43845), (212, 43884), (220, 43914), (231, 43944), (232, 43947), (238, 43980), (264, 44046), (276, 44094), (283, 44121), (297, 44160), (355, 44334), (368, 44385),

Gene: Idleandcovert_10 Start: 5739, Stop: 6479, Start Num: 152

Candidate Starts for Idleandcovert_10:

(Start: 86 @5622 has 30 MA's), (Start: 152 @5739 has 17 MA's), (182, 5826), (198, 5883), (201, 5895), (203, 5898), (212, 5922), (221, 5937), (229, 5955), (236, 5985), (238, 5991), (241, 6000), (250, 6018), (267, 6069), (270, 6087), (293, 6159), (303, 6201), (308, 6228), (314, 6255), (323, 6288), (324, 6291), (341, 6330), (395, 6471),

Gene: IgnatiusPatJac_9 Start: 6018, Stop: 6986, Start Num: 66

Candidate Starts for IgnatiusPatJac_9:

(Start: 66 @6018 has 361 MA's), (Start: 75 @6051 has 5 MA's), (Start: 80 @6069 has 1 MA's), (Start: 81 @6072 has 2 MA's), (184, 6339), (198, 6390), (201, 6402), (233, 6477), (252, 6540), (258, 6552), (264, 6573), (267, 6585), (270, 6603), (276, 6621), (297, 6684), (317, 6765), (323, 6789), (324, 6792), (325, 6795), (330, 6804), (365, 6891), (378, 6936), (393, 6978),

Gene: IkeLoa_246 Start: 144139, Stop: 145167, Start Num: 56

Candidate Starts for IkeLoa_246:

(Start: 56 @144139 has 172 MA's), (Start: 66 @144169 has 361 MA's), (71, 144181), (Start: 81 @144223 has 2 MA's), (98, 144286), (105, 144307), (Start: 134 @144391 has 1 MA's), (160, 144433), (164, 144445), (168, 144460), (189, 144529), (198, 144556), (218, 144610), (231, 144655), (232, 144658), (257, 144736), (264, 144757), (297, 144868), (319, 144958), (323, 144976), (356, 145048), (366, 145081),

Gene: Imvubu_41 Start: 39360, Stop: 40367, Start Num: 64

Candidate Starts for Imvubu_41:

(Start: 64 @39360 has 1 MA's), (Start: 81 @39417 has 2 MA's), (178, 39654), (197, 39717), (198, 39723), (211, 39759), (224, 39786), (253, 39870), (270, 39918), (304, 40014), (320, 40080), (322, 40089), (323, 40092), (368, 40203), (370, 40212), (411, 40335),

Gene: InigoMontoya_256 Start: 144457, Stop: 145485, Start Num: 56

Candidate Starts for InigoMontoya_256:

(Start: 56 @144457 has 172 MA's), (Start: 66 @144487 has 361 MA's), (71, 144499), (Start: 81 @144541 has 2 MA's), (98, 144604), (105, 144625), (Start: 134 @144709 has 1 MA's), (160, 144751), (164, 144763), (168, 144778), (189, 144847), (198, 144874), (218, 144928), (231, 144973), (232, 144976), (257, 145054), (264, 145075), (297, 145186), (319, 145276), (323, 145294), (356, 145366), (366, 145399),

Gene: InterFolia_254 Start: 145203, Stop: 146231, Start Num: 56

Candidate Starts for InterFolia_254:

(Start: 56 @145203 has 172 MA's), (Start: 66 @145233 has 361 MA's), (71, 145245), (Start: 81 @145287 has 2 MA's), (98, 145350), (105, 145371), (Start: 134 @145455 has 1 MA's), (160, 145497), (164, 145509), (168, 145524), (189, 145593), (198, 145620), (218, 145674), (231, 145719), (232, 145722), (257, 145800), (264, 145821), (297, 145932), (319, 146022), (323, 146040), (356, 146112), (366, 146145),

Gene: Inventum_31 Start: 28184, Stop: 29200, Start Num: 59

Candidate Starts for Inventum_31:

(25, 27953), (26, 27956), (28, 28004), (43, 28139), (46, 28148), (Start: 59 @28184 has 240 MA's), (93, 28316), (98, 28337), (105, 28358), (117, 28388), (119, 28400), (Start: 134 @28442 has 1 MA's), (164,

28493), (198, 28604), (237, 28718), (245, 28736), (260, 28775), (267, 28799), (276, 28835), (283, 28862), (297, 28901), (308, 28949), (323, 29009), (344, 29057), (351, 29069), (366, 29114), (368, 29126), (378, 29156),

Gene: *lota_249* Start: 144169, Stop: 145197, Start Num: 56

Candidate Starts for *lota_249*:

(Start: 56 @144169 has 172 MA's), (Start: 66 @144199 has 361 MA's), (71, 144211), (Start: 81 @144253 has 2 MA's), (98, 144316), (105, 144337), (Start: 134 @144421 has 1 MA's), (160, 144463), (164, 144475), (168, 144490), (189, 144559), (198, 144586), (218, 144640), (231, 144685), (232, 144688), (257, 144766), (264, 144787), (297, 144898), (319, 144988), (323, 145006), (356, 145078), (366, 145111),

Gene: *Iracema64_10* Start: 5858, Stop: 6838, Start Num: 68

Candidate Starts for *Iracema64_10*:

(Start: 68 @5858 has 108 MA's), (74, 5885), (Start: 80 @5906 has 1 MA's), (Start: 81 @5909 has 2 MA's), (182, 6158), (198, 6215), (201, 6227), (224, 6278), (234, 6299), (236, 6320), (248, 6347), (264, 6374), (270, 6404), (317, 6554), (366, 6677), (368, 6689), (392, 6755),

Gene: *IrishSherpFalk_33* Start: 29112, Stop: 30113, Start Num: 59

Candidate Starts for *IrishSherpFalk_33*:

(34, 29013), (49, 29085), (Start: 59 @29112 has 240 MA's), (Start: 66 @29133 has 361 MA's), (71, 29145), (Start: 81 @29187 has 2 MA's), (88, 29220), (98, 29250), (105, 29271), (Start: 134 @29355 has 1 MA's), (150, 29379), (160, 29394), (164, 29406), (198, 29517), (236, 29628), (245, 29649), (260, 29688), (276, 29748), (283, 29775), (297, 29814), (323, 29922), (330, 29937), (344, 29970), (368, 30039), (378, 30069),

Gene: *IronMan_13* Start: 8151, Stop: 9137, Start Num: 66

Candidate Starts for *IronMan_13*:

(Start: 66 @8151 has 361 MA's), (74, 8181), (Start: 81 @8205 has 2 MA's), (132, 8340), (197, 8505), (198, 8511), (230, 8586), (234, 8595), (242, 8631), (270, 8706), (289, 8766), (304, 8802), (317, 8856), (323, 8880), (325, 8886), (368, 8991), (370, 9000),

Gene: *Isca_10* Start: 5611, Stop: 6351, Start Num: 152

Candidate Starts for *Isca_10*:

(Start: 152 @5611 has 17 MA's), (164, 5635), (182, 5698), (198, 5755), (201, 5767), (203, 5770), (212, 5794), (221, 5809), (236, 5857), (238, 5863), (250, 5890), (270, 5959), (293, 6031), (303, 6073), (308, 6100), (314, 6127), (323, 6160), (324, 6163), (341, 6202), (363, 6256), (395, 6343),

Gene: *Issimir_249* Start: 144544, Stop: 145572, Start Num: 56

Candidate Starts for *Issimir_249*:

(Start: 56 @144544 has 172 MA's), (Start: 66 @144574 has 361 MA's), (71, 144586), (Start: 81 @144628 has 2 MA's), (98, 144691), (105, 144712), (Start: 134 @144796 has 1 MA's), (160, 144838), (164, 144850), (168, 144865), (189, 144934), (198, 144961), (218, 145015), (231, 145060), (232, 145063), (257, 145141), (264, 145162), (297, 145273), (319, 145363), (323, 145381), (356, 145453), (366, 145486),

Gene: *Itos_28* Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for *Itos_28*:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Iwokeuplikedis_11 Start: 6191, Stop: 7168, Start Num: 66

Candidate Starts for Iwokeuplikedis_11:

(Start: 59 @6170 has 240 MA's), (Start: 66 @6191 has 361 MA's), (Start: 81 @6245 has 2 MA's), (108, 6302), (168, 6434), (178, 6470), (182, 6482), (198, 6539), (211, 6575), (233, 6623), (241, 6662), (270, 6749), (283, 6794), (288, 6812), (302, 6854), (308, 6902), (314, 6929), (319, 6944), (323, 6962), (324, 6965), (362, 7055),

Gene: Izajani_248 Start: 145019, Stop: 146017, Start Num: 66

Candidate Starts for Izajani_248:

(Start: 56 @144989 has 172 MA's), (Start: 66 @145019 has 361 MA's), (71, 145031), (Start: 81 @145073 has 2 MA's), (98, 145136), (105, 145157), (Start: 134 @145241 has 1 MA's), (160, 145283), (164, 145295), (168, 145310), (189, 145379), (198, 145406), (218, 145460), (231, 145505), (232, 145508), (257, 145586), (264, 145607), (297, 145718), (319, 145808), (323, 145826), (356, 145898), (366, 145931),

Gene: JC27_12 Start: 6644, Stop: 7612, Start Num: 66

Candidate Starts for JC27_12:

(Start: 66 @6644 has 361 MA's), (Start: 75 @6677 has 5 MA's), (Start: 80 @6695 has 1 MA's), (Start: 81 @6698 has 2 MA's), (184, 6965), (198, 7016), (201, 7028), (233, 7103), (252, 7166), (258, 7178), (264, 7199), (267, 7211), (270, 7229), (276, 7247), (282, 7271), (297, 7310), (317, 7391), (323, 7415), (324, 7418), (325, 7421), (330, 7430), (365, 7517), (378, 7562), (393, 7604),

Gene: JF2_10 Start: 5376, Stop: 6116, Start Num: 152

Candidate Starts for JF2_10:

(Start: 152 @5376 has 17 MA's), (182, 5463), (198, 5520), (201, 5532), (203, 5535), (212, 5559), (221, 5574), (236, 5622), (238, 5628), (250, 5655), (270, 5724), (293, 5796), (303, 5838), (308, 5865), (314, 5892), (323, 5925), (324, 5928), (341, 5967), (363, 6021), (395, 6108),

Gene: JF4_10 Start: 5376, Stop: 6116, Start Num: 152

Candidate Starts for JF4_10:

(Start: 152 @5376 has 17 MA's), (182, 5463), (198, 5520), (201, 5532), (203, 5535), (212, 5559), (221, 5574), (236, 5622), (238, 5628), (250, 5655), (270, 5724), (293, 5796), (303, 5838), (308, 5865), (314, 5892), (323, 5925), (324, 5928), (341, 5967), (363, 6021), (395, 6108),

Gene: JHC117_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for JHC117_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: JPickles_250 Start: 143594, Stop: 144622, Start Num: 56

Candidate Starts for JPickles_250:

(Start: 56 @143594 has 172 MA's), (Start: 66 @143624 has 361 MA's), (71, 143636), (Start: 81 @143678 has 2 MA's), (98, 143741), (105, 143762), (Start: 134 @143846 has 1 MA's), (160, 143888), (164, 143900), (168, 143915), (189, 143984), (198, 144011), (218, 144065), (231, 144110), (232, 144113), (257, 144191), (264, 144212), (297, 144323), (319, 144413), (323, 144431), (356, 144503), (366, 144536),

Gene: Jaan_14 Start: 8541, Stop: 9527, Start Num: 66

Candidate Starts for Jaan_14:

(Start: 66 @8541 has 361 MA's), (74, 8571), (Start: 81 @8595 has 2 MA's), (132, 8730), (198, 8901), (230, 8976), (234, 8985), (270, 9096), (289, 9156), (304, 9192), (317, 9246), (323, 9270), (325, 9276),

(347, 9321), (368, 9381), (370, 9390),

Gene: Jabbawokkie_39 Start: 28197, Stop: 29270, Start Num: 59

Candidate Starts for Jabbawokkie_39:

(Start: 59 @28197 has 240 MA's), (Start: 70 @28224 has 14 MA's), (76, 28254), (102, 28347), (105, 28356), (108, 28365), (128, 28422), (Start: 157 @28467 has 2 MA's), (167, 28500), (170, 28509), (184, 28560), (195, 28602), (200, 28626), (202, 28635), (206, 28647), (217, 28677), (225, 28707), (226, 28710), (236, 28767), (237, 28770), (243, 28785), (249, 28797), (252, 28806), (261, 28830), (268, 28854), (289, 28935), (308, 29010), (345, 29121), (363, 29163), (364, 29166), (365, 29172), (368, 29187), (390, 29253),

Gene: JackSparrow_10 Start: 6014, Stop: 6982, Start Num: 66

Candidate Starts for JackSparrow_10:

(Start: 66 @6014 has 361 MA's), (Start: 75 @6047 has 5 MA's), (Start: 80 @6065 has 1 MA's), (Start: 81 @6068 has 2 MA's), (184, 6335), (198, 6386), (201, 6398), (233, 6473), (252, 6536), (264, 6569), (267, 6581), (270, 6599), (276, 6617), (282, 6641), (297, 6680), (317, 6761), (323, 6785), (324, 6788), (325, 6791), (330, 6800), (365, 6887), (393, 6974),

Gene: Jackstina_44 Start: 41457, Stop: 42521, Start Num: 50

Candidate Starts for Jackstina_44:

(Start: 50 @41457 has 44 MA's), (72, 41520), (94, 41601), (117, 41667), (120, 41682), (124, 41694), (135, 41721), (167, 41778), (170, 41787), (217, 41934), (223, 41949), (236, 42003), (251, 42036), (265, 42075), (268, 42087), (289, 42168), (297, 42186), (298, 42189), (308, 42234), (344, 42345), (382, 42456), (389, 42477), (402, 42510),

Gene: JalFarm20_34 Start: 28603, Stop: 29601, Start Num: 59

Candidate Starts for JalFarm20_34:

(Start: 59 @28603 has 240 MA's), (Start: 81 @28678 has 2 MA's), (98, 28738), (105, 28759), (Start: 134 @28843 has 1 MA's), (164, 28894), (168, 28909), (198, 29005), (236, 29116), (245, 29137), (260, 29176), (264, 29188), (276, 29236), (283, 29263), (292, 29287), (297, 29302), (323, 29410), (344, 29458), (368, 29527), (378, 29557),

Gene: James_31 Start: 27708, Stop: 28709, Start Num: 59

Candidate Starts for James_31:

(Start: 59 @27708 has 240 MA's), (Start: 81 @27783 has 2 MA's), (98, 27846), (105, 27867), (Start: 134 @27951 has 1 MA's), (150, 27975), (160, 27990), (164, 28002), (198, 28113), (237, 28227), (245, 28245), (260, 28284), (267, 28308), (276, 28344), (297, 28410), (323, 28518), (344, 28566), (351, 28578), (366, 28623), (368, 28635), (378, 28665),

Gene: JangDynasty_67 Start: 43505, Stop: 44545, Start Num: 59

Candidate Starts for JangDynasty_67:

(Start: 59 @43505 has 240 MA's), (Start: 81 @43580 has 2 MA's), (98, 43661), (Start: 100 @43667 has 1 MA's), (105, 43682), (132, 43763), (Start: 134 @43766 has 1 MA's), (164, 43820), (168, 43835), (198, 43931), (212, 43970), (220, 44000), (231, 44030), (232, 44033), (238, 44066), (264, 44132), (276, 44180), (283, 44207), (297, 44246), (355, 44420), (368, 44471),

Gene: Janiyra_256 Start: 145131, Stop: 146159, Start Num: 56

Candidate Starts for Janiyra_256:

(Start: 56 @145131 has 172 MA's), (Start: 66 @145161 has 361 MA's), (71, 145173), (Start: 81 @145215 has 2 MA's), (98, 145278), (105, 145299), (Start: 134 @145383 has 1 MA's), (160, 145425), (164, 145437), (168, 145452), (189, 145521), (198, 145548), (218, 145602), (231, 145647), (232, 145650), (257, 145728), (264, 145749), (297, 145860), (319, 145950), (323, 145968), (356, 146040), (366, 146073),

Gene: Jarcob_31 Start: 27749, Stop: 28750, Start Num: 59

Candidate Starts for Jarcob_31:

(Start: 59 @27749 has 240 MA's), (Start: 66 @27770 has 361 MA's), (71, 27782), (Start: 81 @27824 has 2 MA's), (98, 27887), (105, 27908), (117, 27938), (Start: 134 @27992 has 1 MA's), (150, 28016), (160, 28031), (164, 28043), (198, 28154), (237, 28268), (245, 28286), (260, 28325), (267, 28349), (276, 28385), (283, 28412), (297, 28451), (308, 28499), (323, 28559), (351, 28619), (368, 28676), (378, 28706),

Gene: Jasper_11 Start: 5855, Stop: 6823, Start Num: 66

Candidate Starts for Jasper_11:

(Start: 66 @5855 has 361 MA's), (Start: 75 @5888 has 5 MA's), (Start: 80 @5906 has 1 MA's), (Start: 81 @5909 has 2 MA's), (184, 6176), (198, 6227), (201, 6239), (233, 6314), (252, 6377), (258, 6389), (264, 6410), (267, 6422), (270, 6440), (276, 6458), (282, 6482), (297, 6521), (317, 6602), (323, 6626), (324, 6629), (325, 6632), (330, 6641), (365, 6728), (378, 6773), (393, 6815),

Gene: JayJay_248 Start: 143930, Stop: 144958, Start Num: 56

Candidate Starts for JayJay_248:

(Start: 56 @143930 has 172 MA's), (Start: 66 @143960 has 361 MA's), (Start: 81 @144014 has 2 MA's), (98, 144077), (105, 144098), (Start: 134 @144182 has 1 MA's), (160, 144224), (164, 144236), (168, 144251), (189, 144320), (198, 144347), (218, 144401), (231, 144446), (232, 144449), (257, 144527), (264, 144548), (297, 144659), (319, 144749), (323, 144767), (356, 144839), (366, 144872),

Gene: Jaygup_249 Start: 144316, Stop: 145344, Start Num: 56

Candidate Starts for Jaygup_249:

(Start: 56 @144316 has 172 MA's), (Start: 66 @144346 has 361 MA's), (71, 144358), (Start: 81 @144400 has 2 MA's), (98, 144463), (105, 144484), (Start: 134 @144568 has 1 MA's), (160, 144610), (164, 144622), (168, 144637), (189, 144706), (198, 144733), (218, 144787), (231, 144832), (232, 144835), (257, 144913), (264, 144934), (297, 145045), (319, 145135), (323, 145153), (356, 145225), (366, 145258),

Gene: Jaykayelowell_10 Start: 5880, Stop: 6860, Start Num: 68

Candidate Starts for Jaykayelowell_10:

(Start: 68 @5880 has 108 MA's), (Start: 70 @5883 has 14 MA's), (74, 5907), (Start: 80 @5928 has 1 MA's), (Start: 81 @5931 has 2 MA's), (182, 6180), (198, 6237), (234, 6321), (236, 6342), (248, 6369), (265, 6399), (270, 6426), (317, 6576), (363, 6687), (366, 6699), (368, 6711), (392, 6777),

Gene: Jedediah_254 Start: 145369, Stop: 146397, Start Num: 56

Candidate Starts for Jedediah_254:

(Start: 56 @145369 has 172 MA's), (Start: 66 @145399 has 361 MA's), (71, 145411), (Start: 81 @145453 has 2 MA's), (98, 145516), (105, 145537), (Start: 134 @145621 has 1 MA's), (160, 145663), (164, 145675), (168, 145690), (189, 145759), (198, 145786), (218, 145840), (231, 145885), (232, 145888), (257, 145966), (264, 145987), (297, 146098), (319, 146188), (323, 146206), (356, 146278), (366, 146311),

Gene: Jemmno_252 Start: 144088, Stop: 145116, Start Num: 56

Candidate Starts for Jemmno_252:

(Start: 56 @144088 has 172 MA's), (Start: 66 @144118 has 361 MA's), (71, 144130), (Start: 81 @144172 has 2 MA's), (98, 144235), (105, 144256), (Start: 134 @144340 has 1 MA's), (160, 144382), (164, 144394), (168, 144409), (189, 144478), (198, 144505), (218, 144559), (231, 144604), (232, 144607), (257, 144685), (264, 144706), (297, 144817), (319, 144907), (323, 144925), (356, 144997), (366, 145030),

Gene: JenCasNa_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for JenCasNa_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: JeppNRM_13 Start: 6031, Stop: 6996, Start Num: 60

Candidate Starts for JeppNRM_13:

(Start: 60 @6031 has 92 MA's), (Start: 81 @6097 has 2 MA's), (102, 6151), (128, 6229), (182, 6352), (198, 6409), (233, 6481), (241, 6520), (250, 6538), (270, 6607), (297, 6691), (303, 6724), (308, 6751), (324, 6814), (362, 6904), (364, 6910),

Gene: Jerm_13 Start: 6833, Stop: 7825, Start Num: 66

Candidate Starts for Jerm_13:

(Start: 66 @6833 has 361 MA's), (Start: 75 @6866 has 5 MA's), (Start: 80 @6884 has 1 MA's), (Start: 81 @6887 has 2 MA's), (158, 7055), (160, 7061), (168, 7088), (185, 7148), (198, 7193), (233, 7280), (245, 7325), (264, 7364), (277, 7412), (281, 7427), (306, 7493), (316, 7535), (354, 7622), (388, 7736),

Gene: Jerm2_10 Start: 5731, Stop: 6699, Start Num: 66

Candidate Starts for Jerm2_10:

(Start: 66 @5731 has 361 MA's), (Start: 75 @5764 has 5 MA's), (Start: 80 @5782 has 1 MA's), (Start: 81 @5785 has 2 MA's), (184, 6052), (198, 6103), (201, 6115), (233, 6190), (252, 6253), (264, 6286), (270, 6316), (276, 6334), (282, 6358), (297, 6397), (317, 6478), (323, 6502), (324, 6505), (325, 6508), (330, 6517), (365, 6604), (393, 6691),

Gene: Jessibeth14_252 Start: 145564, Stop: 146592, Start Num: 56

Candidate Starts for Jessibeth14_252:

(Start: 56 @145564 has 172 MA's), (Start: 66 @145594 has 361 MA's), (71, 145606), (Start: 81 @145648 has 2 MA's), (98, 145711), (105, 145732), (Start: 134 @145816 has 1 MA's), (160, 145858), (164, 145870), (168, 145885), (189, 145954), (198, 145981), (218, 146035), (231, 146080), (232, 146083), (257, 146161), (264, 146182), (297, 146293), (319, 146383), (323, 146401), (356, 146473), (366, 146506),

Gene: JetBlade_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for JetBlade_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (392, 6778),

Gene: Jinglebell_31 Start: 27728, Stop: 28729, Start Num: 59

Candidate Starts for Jinglebell_31:

(2, 27107), (6, 27185), (8, 27248), (11, 27287), (16, 27419), (19, 27440), (23, 27476), (34, 27629), (Start: 59 @27728 has 240 MA's), (Start: 66 @27749 has 361 MA's), (71, 27761), (Start: 81 @27803 has 2 MA's), (88, 27836), (98, 27866), (105, 27887), (Start: 134 @27971 has 1 MA's), (150, 27995), (160, 28010), (164, 28022), (198, 28133), (237, 28247), (245, 28265), (260, 28304), (267, 28328), (276, 28364), (283, 28391), (297, 28430), (323, 28538), (344, 28586), (351, 28598), (365, 28640), (366, 28643), (368, 28655), (378, 28685),

Gene: Job42_35 Start: 29517, Stop: 30518, Start Num: 59

Candidate Starts for Job42_35:

(Start: 59 @29517 has 240 MA's), (Start: 81 @29592 has 2 MA's), (88, 29625), (98, 29655), (105, 29676), (117, 29706), (119, 29718), (Start: 134 @29760 has 1 MA's), (150, 29784), (160, 29799), (164, 29811), (198, 29922), (232, 30006), (237, 30036), (245, 30054), (260, 30093), (267, 30117),

(276, 30153), (283, 30180), (297, 30219), (308, 30267), (323, 30327), (344, 30375), (351, 30387), (366, 30432), (368, 30444), (378, 30474),

Gene: Jobu08_12 Start: 6031, Stop: 6996, Start Num: 60

Candidate Starts for Jobu08_12:

(Start: 60 @6031 has 92 MA's), (Start: 75 @6076 has 5 MA's), (Start: 81 @6097 has 2 MA's), (123, 6217), (182, 6355), (198, 6412), (203, 6427), (236, 6508), (241, 6523), (250, 6541), (267, 6592), (270, 6610), (283, 6655), (308, 6751), (324, 6814), (341, 6853), (362, 6904),

Gene: Jobypre_28 Start: 26955, Stop: 27893, Start Num: 100

Candidate Starts for Jobypre_28:

(Start: 66 @26850 has 361 MA's), (Start: 70 @26856 has 14 MA's), (Start: 75 @26883 has 5 MA's), (Start: 81 @26904 has 2 MA's), (Start: 100 @26955 has 1 MA's), (128, 27036), (172, 27141), (197, 27222), (198, 27228), (235, 27324), (239, 27342), (241, 27348), (245, 27354), (270, 27426), (286, 27483), (309, 27543), (327, 27618), (336, 27639), (343, 27663), (348, 27678), (353, 27690), (368, 27747), (404, 27849), (408, 27870),

Gene: JoeDirt_26 Start: 25529, Stop: 26560, Start Num: 54

Candidate Starts for JoeDirt_26:

(Start: 54 @25529 has 27 MA's), (104, 25685), (115, 25709), (118, 25721), (122, 25739), (129, 25757), (136, 25775), (139, 25781), (144, 25790), (156, 25805), (161, 25820), (174, 25868), (182, 25892), (198, 25949), (212, 25988), (238, 26066), (241, 26075), (243, 26078), (250, 26093), (266, 26147), (270, 26168), (274, 26183), (301, 26267), (308, 26297), (324, 26366), (330, 26378), (341, 26402), (347, 26420), (351, 26423), (356, 26435), (358, 26438), (366, 26468), (368, 26480),

Gene: JoeyJr_31 Start: 27687, Stop: 28688, Start Num: 59

Candidate Starts for JoeyJr_31:

(30, 27525), (Start: 59 @27687 has 240 MA's), (Start: 81 @27762 has 2 MA's), (88, 27795), (98, 27825), (105, 27846), (117, 27876), (119, 27888), (Start: 134 @27930 has 1 MA's), (150, 27954), (160, 27969), (164, 27981), (198, 28092), (237, 28206), (245, 28224), (260, 28263), (267, 28287), (276, 28323), (283, 28350), (297, 28389), (308, 28437), (323, 28497), (344, 28545), (351, 28557), (366, 28602), (368, 28614), (378, 28644),

Gene: Jolie1_042 Start: 40346, Stop: 41341, Start Num: 66

Candidate Starts for Jolie1_042:

(Start: 66 @40346 has 361 MA's), (74, 40376), (Start: 80 @40397 has 1 MA's), (Start: 81 @40400 has 2 MA's), (115, 40487), (132, 40535), (178, 40637), (197, 40700), (198, 40706), (211, 40742), (234, 40790), (267, 40883), (270, 40901), (300, 40988), (301, 40991), (317, 41051), (320, 41063), (323, 41075), (325, 41081), (368, 41186), (411, 41318),

Gene: JoongJeon_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for JoongJeon_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Jorgensen_10 Start: 5816, Stop: 6784, Start Num: 66

Candidate Starts for Jorgensen_10:

(Start: 66 @5816 has 361 MA's), (Start: 75 @5849 has 5 MA's), (Start: 80 @5867 has 1 MA's), (Start: 81 @5870 has 2 MA's), (160, 6059), (184, 6137), (198, 6188), (201, 6200), (233, 6275), (252, 6338), (264, 6371), (267, 6383), (270, 6401), (276, 6419), (282, 6443), (297, 6482), (317, 6563), (323, 6587), (324, 6590), (325, 6593), (330, 6602), (365, 6689), (393, 6776),

Gene: JoshKayV_13 Start: 6822, Stop: 7814, Start Num: 66

Candidate Starts for JoshKayV_13:

(Start: 66 @6822 has 361 MA's), (Start: 75 @6855 has 5 MA's), (Start: 80 @6873 has 1 MA's), (Start: 81 @6876 has 2 MA's), (91, 6909), (160, 7050), (168, 7077), (185, 7137), (198, 7182), (233, 7269), (245, 7314), (264, 7353), (277, 7401), (281, 7416), (306, 7482), (316, 7524), (354, 7611), (368, 7659), (388, 7725), (412, 7800),

Gene: Jsquared_10 Start: 5553, Stop: 6317, Start Num: 143

Candidate Starts for Jsquared_10:

(Start: 143 @5553 has 16 MA's), (198, 5697), (233, 5784), (237, 5811), (238, 5814), (241, 5823), (267, 5892), (270, 5910), (308, 6051), (314, 6078), (319, 6093), (323, 6111), (324, 6114), (362, 6204), (379, 6273),

Gene: Jubie_28 Start: 26851, Stop: 27894, Start Num: 66

Candidate Starts for Jubie_28:

(Start: 66 @26851 has 361 MA's), (Start: 70 @26857 has 14 MA's), (Start: 75 @26884 has 5 MA's), (Start: 81 @26905 has 2 MA's), (Start: 100 @26956 has 1 MA's), (128, 27037), (172, 27142), (197, 27223), (198, 27229), (235, 27325), (239, 27343), (241, 27349), (245, 27355), (270, 27427), (286, 27484), (309, 27544), (327, 27619), (336, 27640), (343, 27664), (348, 27679), (353, 27691), (368, 27748), (404, 27850), (408, 27871),

Gene: Juice456_32 Start: 28821, Stop: 29822, Start Num: 59

Candidate Starts for Juice456_32:

(Start: 59 @28821 has 240 MA's), (Start: 81 @28896 has 2 MA's), (88, 28929), (98, 28959), (105, 28980), (Start: 134 @29064 has 1 MA's), (164, 29115), (168, 29130), (198, 29226), (236, 29337), (245, 29358), (260, 29397), (264, 29409), (276, 29457), (283, 29484), (292, 29508), (297, 29523), (323, 29631), (344, 29679), (368, 29748), (378, 29778),

Gene: JuicyJay_51 Start: 44324, Stop: 45190, Start Num: 86

Candidate Starts for JuicyJay_51:

(Start: 86 @44324 has 30 MA's), (Start: 100 @44351 has 1 MA's), (106, 44372), (148, 44459), (Start: 157 @44480 has 2 MA's), (172, 44525), (180, 44546), (188, 44567), (205, 44621), (231, 44672), (245, 44723), (301, 44873), (311, 44915), (323, 44966), (333, 44984), (358, 45050), (361, 45062), (363, 45071), (369, 45101), (391, 45164),

Gene: JuliaChild_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for JuliaChild_12:

(Start: 66 @6491 has 361 MA's), (Start: 75 @6524 has 5 MA's), (Start: 80 @6542 has 1 MA's), (Start: 81 @6545 has 2 MA's), (184, 6812), (198, 6863), (201, 6875), (233, 6950), (252, 7013), (258, 7025), (264, 7046), (270, 7076), (276, 7094), (282, 7118), (297, 7157), (317, 7238), (323, 7262), (324, 7265), (325, 7268), (330, 7277), (365, 7364), (378, 7409), (393, 7451),

Gene: JulietS_244 Start: 141668, Stop: 142696, Start Num: 56

Candidate Starts for JulietS_244:

(Start: 56 @141668 has 172 MA's), (Start: 66 @141698 has 361 MA's), (Start: 81 @141752 has 2 MA's), (98, 141815), (105, 141836), (Start: 134 @141920 has 1 MA's), (160, 141962), (164, 141974), (168, 141989), (189, 142058), (198, 142085), (218, 142139), (231, 142184), (232, 142187), (257, 142265), (264, 142286), (297, 142397), (319, 142487), (323, 142505), (356, 142577), (366, 142610),

Gene: Juniper1_31 Start: 27486, Stop: 28487, Start Num: 59

Candidate Starts for Juniper1_31:

(34, 27387), (Start: 59 @27486 has 240 MA's), (Start: 81 @27561 has 2 MA's), (88, 27594), (98, 27624), (105, 27645), (Start: 134 @27729 has 1 MA's), (150, 27753), (160, 27768), (164, 27780),

(198, 27891), (237, 28005), (245, 28023), (260, 28062), (267, 28086), (276, 28122), (283, 28149), (297, 28188), (308, 28236), (323, 28296), (351, 28356), (366, 28401), (368, 28413), (378, 28443),

Gene: JustHall_246 Start: 143618, Stop: 144646, Start Num: 56

Candidate Starts for JustHall_246:

(Start: 56 @143618 has 172 MA's), (Start: 66 @143648 has 361 MA's), (71, 143660), (Start: 81 @143702 has 2 MA's), (98, 143765), (105, 143786), (Start: 134 @143870 has 1 MA's), (160, 143912), (164, 143924), (168, 143939), (189, 144008), (198, 144035), (218, 144089), (231, 144134), (232, 144137), (257, 144215), (264, 144236), (297, 144347), (319, 144437), (323, 144455), (356, 144527), (366, 144560),

Gene: KADY_13 Start: 6046, Stop: 7011, Start Num: 60

Candidate Starts for KADY_13:

(Start: 60 @6046 has 92 MA's), (Start: 75 @6091 has 5 MA's), (Start: 81 @6112 has 2 MA's), (123, 6232), (182, 6370), (198, 6427), (203, 6442), (236, 6523), (241, 6538), (250, 6556), (267, 6607), (270, 6625), (283, 6670), (308, 6766), (324, 6829), (362, 6919),

Gene: KBG_11 Start: 6924, Stop: 7892, Start Num: 66

Candidate Starts for KBG_11:

(Start: 66 @6924 has 361 MA's), (Start: 75 @6957 has 5 MA's), (Start: 80 @6975 has 1 MA's), (Start: 81 @6978 has 2 MA's), (184, 7245), (198, 7296), (201, 7308), (233, 7383), (252, 7446), (258, 7458), (264, 7479), (267, 7491), (270, 7509), (276, 7527), (282, 7551), (297, 7590), (317, 7671), (323, 7695), (324, 7698), (325, 7701), (330, 7710), (365, 7797), (393, 7884),

Gene: KFPoly_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for KFPoly_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: KSSJEB_9 Start: 5491, Stop: 6459, Start Num: 66

Candidate Starts for KSSJEB_9:

(Start: 66 @5491 has 361 MA's), (Start: 75 @5524 has 5 MA's), (Start: 80 @5542 has 1 MA's), (Start: 81 @5545 has 2 MA's), (184, 5812), (189, 5830), (198, 5863), (201, 5875), (233, 5950), (252, 6013), (264, 6046), (267, 6058), (270, 6076), (274, 6091), (276, 6094), (282, 6118), (297, 6157), (317, 6238), (323, 6262), (324, 6265), (325, 6268), (330, 6277), (365, 6364), (393, 6451),

Gene: Kahlid_28 Start: 26308, Stop: 27279, Start Num: 66

Candidate Starts for Kahlid_28:

(Start: 66 @26308 has 361 MA's), (Start: 81 @26362 has 2 MA's), (123, 26482), (Start: 134 @26512 has 1 MA's), (Start: 146 @26527 has 1 MA's), (160, 26560), (161, 26563), (164, 26572), (170, 26593), (189, 26656), (198, 26683), (205, 26707), (218, 26737), (237, 26788), (241, 26800), (268, 26863), (270, 26878), (287, 26938), (298, 26953), (318, 27034), (323, 27052), (324, 27055), (325, 27058), (351, 27109), (366, 27154), (378, 27196), (398, 27238),

Gene: Kalah2_49 Start: 42912, Stop: 43784, Start Num: 86

Candidate Starts for Kalah2_49:

(Start: 86 @42912 has 30 MA's), (Start: 100 @42939 has 1 MA's), (123, 42999), (148, 43047), (172, 43113), (180, 43134), (188, 43155), (205, 43209), (236, 43290), (331, 43569), (333, 43572), (341, 43596), (355, 43632), (360, 43647), (363, 43659), (367, 43680),

Gene: Kalb97_13 Start: 6031, Stop: 6996, Start Num: 60

Candidate Starts for Kalb97_13:

(Start: 60 @6031 has 92 MA's), (Start: 81 @6097 has 2 MA's), (102, 6151), (128, 6229), (182, 6352), (198, 6409), (233, 6481), (241, 6520), (250, 6538), (270, 6607), (303, 6724), (308, 6751), (324, 6814), (362, 6904), (364, 6910),

Gene: Kalnoky_13 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Kalnoky_13:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: Kalpine_14 Start: 8215, Stop: 9192, Start Num: 66

Candidate Starts for Kalpine_14:

(47, 8173), (Start: 66 @8215 has 361 MA's), (Start: 81 @8269 has 2 MA's), (182, 8506), (198, 8563), (233, 8647), (241, 8686), (267, 8755), (268, 8758), (270, 8773), (288, 8836), (302, 8878), (308, 8926), (314, 8953), (319, 8968), (323, 8986), (324, 8989),

Gene: Kamiyu_47 Start: 41505, Stop: 42569, Start Num: 50

Candidate Starts for Kamiyu_47:

(Start: 50 @41505 has 44 MA's), (72, 41568), (94, 41649), (117, 41715), (120, 41730), (124, 41742), (135, 41769), (167, 41826), (170, 41835), (217, 41982), (223, 41997), (236, 42051), (251, 42084), (265, 42123), (268, 42135), (289, 42216), (297, 42234), (298, 42237), (344, 42393), (382, 42504), (389, 42525), (402, 42558),

Gene: Kampy_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Kampy_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: Kamryn_251 Start: 145208, Stop: 146236, Start Num: 56

Candidate Starts for Kamryn_251:

(Start: 56 @145208 has 172 MA's), (Start: 66 @145238 has 361 MA's), (71, 145250), (Start: 81 @145292 has 2 MA's), (98, 145355), (105, 145376), (Start: 134 @145460 has 1 MA's), (160, 145502), (164, 145514), (168, 145529), (189, 145598), (198, 145625), (218, 145679), (231, 145724), (232, 145727), (257, 145805), (264, 145826), (297, 145937), (319, 146027), (323, 146045), (356, 146117), (366, 146150),

Gene: Kanely_11 Start: 6601, Stop: 7569, Start Num: 66

Candidate Starts for Kanely_11:

(Start: 66 @6601 has 361 MA's), (Start: 75 @6634 has 5 MA's), (Start: 80 @6652 has 1 MA's), (Start: 81 @6655 has 2 MA's), (184, 6922), (198, 6973), (201, 6985), (233, 7060), (252, 7123), (264, 7156), (267, 7168), (270, 7186), (276, 7204), (282, 7228), (297, 7267), (317, 7348), (323, 7372), (324, 7375), (325, 7378), (330, 7387), (365, 7474), (393, 7561),

Gene: Karhdo_31 Start: 27651, Stop: 28652, Start Num: 59

Candidate Starts for Karhdo_31:

(3, 27030), (7, 27108), (9, 27171), (12, 27210), (19, 27363), (23, 27399), (Start: 59 @27651 has 240 MA's), (Start: 66 @27672 has 361 MA's), (71, 27684), (Start: 81 @27726 has 2 MA's), (98, 27789), (105, 27810), (117, 27840), (Start: 134 @27894 has 1 MA's), (150, 27918), (164, 27945), (198, 28056), (237, 28170), (245, 28188), (260, 28227), (267, 28251), (276, 28287), (283, 28314), (297, 28353), (308, 28401), (323, 28461), (351, 28521), (368, 28578), (378, 28608),

Gene: KashFlow_42 Start: 36675, Stop: 37547, Start Num: 86

Candidate Starts for KashFlow_42:

(38, 36504), (Start: 86 @36675 has 30 MA's), (Start: 100 @36702 has 1 MA's), (123, 36762), (155, 36819), (Start: 157 @36831 has 2 MA's), (172, 36876), (180, 36897), (188, 36918), (205, 36972), (236, 37053), (285, 37194), (331, 37332), (333, 37335), (341, 37359), (355, 37395), (360, 37410), (363, 37422), (367, 37443),

Gene: Katalie136_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for Katalie136_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (197, 6241), (198, 6247), (201, 6259), (213, 6289), (234, 6331), (248, 6379), (265, 6409), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: KayaCho_42 Start: 40350, Stop: 41360, Start Num: 66

Candidate Starts for KayaCho_42:

(Start: 66 @40350 has 361 MA's), (74, 40380), (Start: 80 @40401 has 1 MA's), (Start: 81 @40404 has 2 MA's), (115, 40491), (197, 40704), (198, 40710), (222, 40767), (224, 40773), (234, 40794), (262, 40884), (270, 40920), (300, 41007), (317, 41070), (320, 41082), (323, 41094), (345, 41139), (366, 41193), (368, 41205), (411, 41337),

Gene: Kboogie_256 Start: 144247, Stop: 145275, Start Num: 56

Candidate Starts for Kboogie_256:

(Start: 56 @144247 has 172 MA's), (Start: 66 @144277 has 361 MA's), (71, 144289), (Start: 81 @144331 has 2 MA's), (98, 144394), (105, 144415), (Start: 134 @144499 has 1 MA's), (160, 144541), (164, 144553), (168, 144568), (189, 144637), (198, 144664), (218, 144718), (231, 144763), (232, 144766), (257, 144844), (264, 144865), (297, 144976), (319, 145066), (323, 145084), (356, 145156), (366, 145189),

Gene: Kenmech_12 Start: 6603, Stop: 7571, Start Num: 66

Candidate Starts for Kenmech_12:

(Start: 66 @6603 has 361 MA's), (Start: 75 @6636 has 5 MA's), (Start: 80 @6654 has 1 MA's), (Start: 81 @6657 has 2 MA's), (184, 6924), (198, 6975), (201, 6987), (233, 7062), (264, 7158), (270, 7188), (276, 7206), (282, 7230), (297, 7269), (317, 7350), (323, 7374), (324, 7377), (325, 7380), (330, 7389), (365, 7476), (378, 7521), (393, 7563),

Gene: Kenuha5_28 Start: 26636, Stop: 27637, Start Num: 59

Candidate Starts for Kenuha5_28:

(Start: 59 @26636 has 240 MA's), (Start: 81 @26711 has 2 MA's), (88, 26744), (98, 26774), (105, 26795), (117, 26825), (119, 26837), (Start: 134 @26879 has 1 MA's), (164, 26930), (168, 26945), (198, 27041), (236, 27152), (245, 27173), (260, 27212), (264, 27224), (276, 27272), (283, 27299), (292, 27323), (297, 27338), (323, 27446), (344, 27494), (368, 27563), (378, 27593),

Gene: Kerberos_14 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for Kerberos_14:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (303, 7068), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: Kersh_30 Start: 28727, Stop: 29728, Start Num: 59

Candidate Starts for Kersh_30:

(34, 28628), (Start: 59 @28727 has 240 MA's), (Start: 66 @28748 has 361 MA's), (71, 28760), (Start: 81 @28802 has 2 MA's), (88, 28835), (98, 28865), (105, 28886), (Start: 134 @28970 has 1 MA's), (150, 28994), (160, 29009), (164, 29021), (198, 29132), (237, 29246), (245, 29264), (260, 29303), (267, 29327), (276, 29363), (283, 29390), (297, 29429), (308, 29477), (323, 29537), (344, 29585), (351, 29597), (366, 29642), (368, 29654), (378, 29684),

Gene: Khaleesi_251 Start: 145031, Stop: 146059, Start Num: 56

Candidate Starts for Khaleesi_251:

(Start: 56 @145031 has 172 MA's), (Start: 66 @145061 has 361 MA's), (71, 145073), (Start: 81 @145115 has 2 MA's), (98, 145178), (105, 145199), (Start: 134 @145283 has 1 MA's), (160, 145325), (164, 145337), (168, 145352), (189, 145421), (198, 145448), (218, 145502), (231, 145547), (232, 145550), (257, 145628), (264, 145649), (297, 145760), (319, 145850), (323, 145868), (356, 145940), (366, 145973),

Gene: Killigrew_8 Start: 5466, Stop: 6434, Start Num: 66

Candidate Starts for Killigrew_8:

(Start: 66 @5466 has 361 MA's), (Start: 75 @5499 has 5 MA's), (Start: 80 @5517 has 1 MA's), (Start: 81 @5520 has 2 MA's), (184, 5787), (189, 5805), (198, 5838), (201, 5850), (233, 5925), (252, 5988), (264, 6021), (270, 6051), (276, 6069), (282, 6093), (297, 6132), (317, 6213), (323, 6237), (324, 6240), (325, 6243), (330, 6252), (365, 6339), (393, 6426),

Gene: Kimberlium_33 Start: 28888, Stop: 29646, Start Num: 134

Candidate Starts for Kimberlium_33:

(Start: 134 @28888 has 1 MA's), (150, 28912), (160, 28927), (164, 28939), (198, 29050), (237, 29164), (245, 29182), (260, 29221), (267, 29245), (276, 29281), (283, 29308), (297, 29347), (323, 29455), (344, 29503), (351, 29515), (366, 29560), (368, 29572), (378, 29602),

Gene: Kimona_7 Start: 3551, Stop: 4285, Start Num: 157

Candidate Starts for Kimona_7:

(Start: 86 @3389 has 30 MA's), (Start: 157 @3551 has 2 MA's), (198, 3692), (203, 3707), (212, 3731), (238, 3800), (250, 3827), (270, 3896), (308, 4037), (314, 4064), (324, 4100), (341, 4139), (386, 4262),

Gene: KingCyrus_13 Start: 6810, Stop: 7802, Start Num: 66

Candidate Starts for KingCyrus_13:

(Start: 66 @6810 has 361 MA's), (Start: 80 @6861 has 1 MA's), (Start: 81 @6864 has 2 MA's), (Start: 100 @6912 has 1 MA's), (160, 7038), (168, 7065), (185, 7125), (198, 7170), (233, 7257), (245, 7302), (264, 7341), (277, 7389), (281, 7404), (306, 7470), (310, 7494), (316, 7512), (354, 7599), (368, 7647), (388, 7713), (412, 7788),

Gene: KingMidas_33 Start: 29367, Stop: 30383, Start Num: 59

Candidate Starts for KingMidas_33:

(29, 29223), (32, 29295), (Start: 59 @29367 has 240 MA's), (93, 29499), (98, 29520), (105, 29541), (Start: 134 @29625 has 1 MA's), (164, 29676), (198, 29787), (236, 29898), (245, 29919), (260, 29958), (264, 29970), (276, 30018), (283, 30045), (292, 30069), (297, 30084), (323, 30192), (351, 30252), (368, 30309), (378, 30339),

Gene: Kingmustik0402_10 Start: 5873, Stop: 6853, Start Num: 68

Candidate Starts for Kingmustik0402_10:

(Start: 68 @5873 has 108 MA's), (Start: 70 @5876 has 14 MA's), (74, 5900), (Start: 80 @5921 has 1 MA's), (Start: 81 @5924 has 2 MA's), (182, 6173), (198, 6230), (224, 6293), (234, 6314), (236, 6335), (248, 6362), (265, 6392), (270, 6419), (317, 6569), (363, 6680), (366, 6692), (368, 6704), (392, 6770),

Gene: Kingsley_30 Start: 27238, Stop: 28308, Start Num: 59

Candidate Starts for Kingsley_30:

(40, 27187), (Start: 59 @27238 has 240 MA's), (Start: 70 @27265 has 14 MA's), (Start: 75 @27292 has 5 MA's), (77, 27301), (94, 27361), (102, 27388), (124, 27454), (Start: 157 @27508 has 2 MA's), (170, 27550), (184, 27601), (217, 27715), (226, 27748), (243, 27823), (252, 27844), (289, 27973), (308, 28045), (340, 28141), (344, 28153), (368, 28222), (387, 28279), (390, 28288),

Gene: Kingsolomon_28 Start: 26850, Stop: 27893, Start Num: 66

Candidate Starts for Kingsolomon_28:

(Start: 66 @26850 has 361 MA's), (Start: 70 @26856 has 14 MA's), (Start: 75 @26883 has 5 MA's), (Start: 81 @26904 has 2 MA's), (Start: 100 @26955 has 1 MA's), (128, 27036), (172, 27141), (197, 27222), (198, 27228), (235, 27324), (239, 27342), (241, 27348), (245, 27354), (270, 27426), (286, 27483), (309, 27543), (327, 27618), (336, 27639), (343, 27663), (348, 27678), (353, 27690), (368, 27747), (404, 27849), (408, 27870),

Gene: KittenMittens_9 Start: 3781, Stop: 4755, Start Num: 66

Candidate Starts for KittenMittens_9:

(37, 3742), (Start: 66 @3781 has 361 MA's), (Start: 75 @3814 has 5 MA's), (Start: 81 @3835 has 2 MA's), (147, 4003), (164, 4045), (168, 4060), (198, 4165), (233, 4237), (237, 4264), (238, 4267), (241, 4276), (270, 4363), (308, 4510), (324, 4573), (341, 4612), (360, 4654),

Gene: Klein_49 Start: 42136, Stop: 43002, Start Num: 86

Candidate Starts for Klein_49:

(Start: 86 @42136 has 30 MA's), (Start: 100 @42163 has 1 MA's), (106, 42184), (148, 42271), (Start: 157 @42292 has 2 MA's), (172, 42337), (180, 42358), (188, 42379), (205, 42433), (231, 42484), (245, 42535), (301, 42685), (311, 42727), (323, 42778), (333, 42796), (358, 42862), (361, 42874), (363, 42883), (369, 42913), (391, 42976),

Gene: Klocker_50 Start: 44291, Stop: 45292, Start Num: 65

Candidate Starts for Klocker_50:

(Start: 65 @44291 has 3 MA's), (74, 44321), (Start: 80 @44342 has 1 MA's), (Start: 81 @44345 has 2 MA's), (Start: 100 @44393 has 1 MA's), (115, 44432), (160, 44519), (197, 44645), (198, 44651), (211, 44687), (224, 44714), (234, 44735), (253, 44798), (264, 44816), (270, 44846), (279, 44876), (304, 44942), (322, 45017), (323, 45020), (344, 45062), (347, 45071), (368, 45131), (370, 45140), (409, 45251), (411, 45263), (414, 45281),

Gene: Koduck_11 Start: 5840, Stop: 6604, Start Num: 143

Candidate Starts for Koduck_11:

(Start: 143 @5840 has 16 MA's), (198, 5984), (237, 6098), (238, 6101), (241, 6110), (270, 6197), (288, 6260), (308, 6338), (314, 6365), (319, 6380), (323, 6398), (324, 6401), (362, 6491), (379, 6560),

Gene: Koella_25 Start: 23673, Stop: 24674, Start Num: 59

Candidate Starts for Koella_25:

(Start: 59 @23673 has 240 MA's), (Start: 66 @23694 has 361 MA's), (71, 23706), (Start: 81 @23748 has 2 MA's), (98, 23811), (105, 23832), (117, 23862), (Start: 134 @23916 has 1 MA's), (150, 23940), (160, 23955), (164, 23967), (198, 24078), (237, 24192), (245, 24210), (260, 24249), (267, 24273), (276, 24309), (283, 24336), (297, 24375), (308, 24423), (323, 24483), (351, 24543), (368, 24600), (378, 24630),

Gene: Koguma_251 Start: 143830, Stop: 144858, Start Num: 56

Candidate Starts for Koguma_251:

(Start: 56 @143830 has 172 MA's), (Start: 66 @143860 has 361 MA's), (71, 143872), (Start: 81 @143914 has 2 MA's), (98, 143977), (105, 143998), (Start: 134 @144082 has 1 MA's), (160, 144124), (164, 144136), (168, 144151), (189, 144220), (198, 144247), (218, 144301), (231, 144346), (232, 144349), (257, 144427), (264, 144448), (297, 144559), (319, 144649), (323, 144667), (356, 144739), (366, 144772),

Gene: Koreni_9 Start: 5530, Stop: 6510, Start Num: 68

Candidate Starts for Koreni_9:

(Start: 68 @5530 has 108 MA's), (Start: 70 @5533 has 14 MA's), (74, 5557), (Start: 80 @5578 has 1 MA's), (Start: 81 @5581 has 2 MA's), (182, 5830), (198, 5887), (234, 5971), (236, 5992), (248, 6019), (270, 6076), (317, 6226), (363, 6337), (366, 6349), (368, 6361), (392, 6427),

Gene: Krakatau_32 Start: 28214, Stop: 29215, Start Num: 59

Candidate Starts for Krakatau_32:

(Start: 59 @28214 has 240 MA's), (Start: 66 @28235 has 361 MA's), (71, 28247), (Start: 81 @28289 has 2 MA's), (98, 28352), (105, 28373), (117, 28403), (Start: 134 @28457 has 1 MA's), (150, 28481), (164, 28508), (198, 28619), (237, 28733), (245, 28751), (260, 28790), (267, 28814), (276, 28850), (283, 28877), (297, 28916), (308, 28964), (323, 29024), (351, 29084), (368, 29141), (378, 29171),

Gene: Kratak_10 Start: 5876, Stop: 6856, Start Num: 68

Candidate Starts for Kratak_10:

(Start: 68 @5876 has 108 MA's), (74, 5903), (Start: 81 @5927 has 2 MA's), (Start: 157 @6092 has 2 MA's), (182, 6176), (198, 6233), (201, 6245), (224, 6296), (234, 6317), (236, 6338), (248, 6365), (264, 6392), (270, 6422), (317, 6572), (366, 6695), (368, 6707), (392, 6773),

Gene: Kremtemulon_9 Start: 5926, Stop: 6906, Start Num: 68

Candidate Starts for Kremtemulon_9:

(Start: 68 @5926 has 108 MA's), (74, 5953), (Start: 80 @5974 has 1 MA's), (Start: 81 @5977 has 2 MA's), (182, 6226), (197, 6277), (198, 6283), (201, 6295), (230, 6358), (234, 6367), (248, 6415), (270, 6472), (317, 6622), (323, 6646), (341, 6679), (364, 6736), (368, 6757), (392, 6823), (413, 6898),

Gene: Krili_66 Start: 42929, Stop: 43969, Start Num: 59

Candidate Starts for Krili_66:

(Start: 59 @42929 has 240 MA's), (Start: 81 @43004 has 2 MA's), (98, 43085), (Start: 100 @43091 has 1 MA's), (105, 43106), (132, 43187), (Start: 134 @43190 has 1 MA's), (164, 43244), (168, 43259), (198, 43355), (212, 43394), (220, 43424), (231, 43454), (232, 43457), (238, 43490), (264, 43556), (273, 43595), (276, 43604), (283, 43631), (297, 43670), (355, 43844), (368, 43895),

Gene: KristaRAM_32 Start: 28344, Stop: 29345, Start Num: 59

Candidate Starts for KristaRAM_32:

(Start: 59 @28344 has 240 MA's), (Start: 81 @28419 has 2 MA's), (88, 28452), (98, 28482), (105, 28503), (Start: 134 @28587 has 1 MA's), (164, 28638), (168, 28653), (198, 28749), (236, 28860), (245, 28881), (260, 28920), (264, 28932), (276, 28980), (283, 29007), (292, 29031), (297, 29046), (323, 29154), (344, 29202), (368, 29271), (378, 29301),

Gene: Kristoff_11 Start: 5884, Stop: 6858, Start Num: 66

Candidate Starts for Kristoff_11:

(Start: 66 @5884 has 361 MA's), (Start: 81 @5938 has 2 MA's), (136, 6091), (198, 6253), (203, 6268), (211, 6289), (236, 6361), (238, 6367), (241, 6376), (267, 6445), (270, 6463), (283, 6508), (288, 6526), (308, 6604), (314, 6631), (319, 6646), (324, 6667), (341, 6706), (362, 6757), (372, 6799), (396, 6850),

Gene: Kronus_46 Start: 42116, Stop: 43180, Start Num: 50

Candidate Starts for Kronus_46:

(Start: 50 @42116 has 44 MA's), (72, 42179), (94, 42260), (117, 42326), (120, 42341), (124, 42353), (135, 42380), (167, 42437), (170, 42446), (217, 42593), (223, 42608), (236, 42662), (251, 42695), (265, 42734), (268, 42746), (289, 42827), (297, 42845), (298, 42848), (308, 42893), (344, 43004), (382, 43115), (389, 43136), (402, 43169),

Gene: Krypton555_28 Start: 26752, Stop: 27795, Start Num: 66

Candidate Starts for Krypton555_28:

(Start: 66 @26752 has 361 MA's), (Start: 70 @26758 has 14 MA's), (71, 26764), (Start: 75 @26785 has 5 MA's), (Start: 81 @26806 has 2 MA's), (Start: 100 @26857 has 1 MA's), (111, 26887), (128, 26938), (145, 26971), (155, 26983), (172, 27043), (197, 27124), (198, 27130), (214, 27175), (235, 27226), (239, 27244), (241, 27250), (245, 27256), (270, 27328), (286, 27385), (309, 27445), (327, 27520), (336, 27541), (343, 27565), (348, 27580), (350, 27586), (368, 27649), (404, 27751), (408, 27772), (410, 27778),

Gene: Kugel_11 Start: 6058, Stop: 7026, Start Num: 66

Candidate Starts for Kugel_11:

(Start: 66 @6058 has 361 MA's), (Start: 75 @6091 has 5 MA's), (Start: 80 @6109 has 1 MA's), (Start: 81 @6112 has 2 MA's), (184, 6379), (198, 6430), (201, 6442), (233, 6517), (252, 6580), (258, 6592), (264, 6613), (267, 6625), (270, 6643), (276, 6661), (282, 6685), (297, 6724), (317, 6805), (323, 6829), (324, 6832), (325, 6835), (330, 6844), (365, 6931), (378, 6976), (393, 7018),

Gene: Kumao_39 Start: 34279, Stop: 35301, Start Num: 66

Candidate Starts for Kumao_39:

(51, 34234), (Start: 66 @34279 has 361 MA's), (73, 34306), (77, 34321), (92, 34375), (110, 34417), (115, 34429), (153, 34510), (164, 34549), (169, 34567), (177, 34594), (179, 34600), (185, 34621), (196, 34654), (198, 34663), (214, 34708), (230, 34741), (236, 34774), (237, 34777), (238, 34780), (241, 34789), (247, 34801), (249, 34804), (297, 34936), (318, 35029), (347, 35095), (350, 35104), (351, 35107), (353, 35110), (363, 35140), (366, 35152), (369, 35170), (404, 35263), (410, 35287),

Gene: KyMonks1A_12 Start: 6335, Stop: 7303, Start Num: 66

Candidate Starts for KyMonks1A_12:

(Start: 66 @6335 has 361 MA's), (Start: 75 @6368 has 5 MA's), (Start: 80 @6386 has 1 MA's), (Start: 81 @6389 has 2 MA's), (184, 6656), (198, 6707), (201, 6719), (233, 6794), (252, 6857), (258, 6869), (264, 6890), (267, 6902), (270, 6920), (276, 6938), (282, 6962), (297, 7001), (317, 7082), (323, 7106), (324, 7109), (325, 7112), (330, 7121), (365, 7208), (393, 7295),

Gene: Kyee_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Kyee_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713),

Gene: Kykar_8 Start: 5555, Stop: 6523, Start Num: 66

Candidate Starts for Kykar_8:

(Start: 66 @5555 has 361 MA's), (Start: 75 @5588 has 5 MA's), (Start: 80 @5606 has 1 MA's), (Start: 81 @5609 has 2 MA's), (184, 5876), (189, 5894), (198, 5927), (201, 5939), (233, 6014), (252, 6077), (261, 6101), (270, 6140), (276, 6158), (297, 6221), (317, 6302), (323, 6326), (324, 6329), (325, 6332), (330, 6341), (365, 6428), (378, 6473), (393, 6515),

Gene: L5_12 Start: 5848, Stop: 6612, Start Num: 143

Candidate Starts for L5_12:

(Start: 143 @5848 has 16 MA's), (198, 5992), (237, 6106), (238, 6109), (241, 6118), (270, 6205), (288, 6268), (308, 6346), (314, 6373), (319, 6388), (323, 6406), (324, 6409), (362, 6499), (379, 6568),

Gene: LBerry_12 Start: 5962, Stop: 6927, Start Num: 60

Candidate Starts for LBerry_12:

(Start: 60 @5962 has 92 MA's), (Start: 75 @6007 has 5 MA's), (Start: 81 @6028 has 2 MA's), (123, 6148), (182, 6286), (198, 6343), (203, 6358), (236, 6439), (241, 6454), (250, 6472), (267, 6523), (270, 6541), (283, 6586), (308, 6682), (324, 6745), (341, 6784), (362, 6835),

Gene: LHTSCC_10 Start: 5858, Stop: 6838, Start Num: 68

Candidate Starts for LHTSCC_10:

(Start: 68 @5858 has 108 MA's), (74, 5885), (Start: 80 @5906 has 1 MA's), (Start: 81 @5909 has 2 MA's), (182, 6158), (198, 6215), (201, 6227), (224, 6278), (234, 6299), (248, 6347), (270, 6404), (317, 6554), (366, 6677), (368, 6689), (392, 6755),

Gene: LRRHood_244 Start: 143240, Stop: 144268, Start Num: 56

Candidate Starts for LRRHood_244:

(Start: 56 @143240 has 172 MA's), (Start: 66 @143270 has 361 MA's), (71, 143282), (Start: 81 @143324 has 2 MA's), (98, 143387), (105, 143408), (Start: 134 @143492 has 1 MA's), (160, 143534), (164, 143546), (168, 143561), (189, 143630), (198, 143657), (218, 143711), (231, 143756), (232, 143759), (257, 143837), (264, 143858), (297, 143969), (319, 144059), (323, 144077), (356, 144149), (366, 144182),

Gene: Labelle_41 Start: 35243, Stop: 36268, Start Num: 55

Candidate Starts for Labelle_41:

(Start: 55 @35243 has 3 MA's), (98, 35378), (124, 35453), (167, 35537), (170, 35546), (176, 35570), (180, 35579), (208, 35672), (236, 35771), (251, 35804), (258, 35819), (264, 35840), (266, 35849), (289, 35936), (297, 35954), (304, 35984), (308, 36002), (315, 36038), (344, 36113), (351, 36125), (353, 36128), (365, 36167), (382, 36224),

Gene: LadyBird_11 Start: 6410, Stop: 7387, Start Num: 66

Candidate Starts for LadyBird_11:

(Start: 66 @6410 has 361 MA's), (Start: 81 @6464 has 2 MA's), (108, 6521), (168, 6653), (178, 6689), (182, 6701), (198, 6758), (211, 6794), (233, 6842), (241, 6881), (268, 6953), (270, 6968), (288, 7031), (302, 7073), (308, 7121), (314, 7148), (319, 7163), (323, 7181), (324, 7184), (362, 7274), (389, 7373),

Gene: Lambert1_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Lambert1_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Lamina13_10 Start: 5611, Stop: 6579, Start Num: 66

Candidate Starts for Lamina13_10:

(Start: 66 @5611 has 361 MA's), (Start: 75 @5644 has 5 MA's), (Start: 80 @5662 has 1 MA's), (Start: 81 @5665 has 2 MA's), (184, 5932), (198, 5983), (201, 5995), (233, 6070), (252, 6133), (264, 6166), (267, 6178), (270, 6196), (276, 6214), (297, 6277), (317, 6358), (323, 6382), (324, 6385), (325, 6388), (330, 6397), (365, 6484), (393, 6571),

Gene: Landor_12 Start: 8223, Stop: 9179, Start Num: 74

Candidate Starts for Landor_12:

(Start: 66 @8193 has 361 MA's), (74, 8223), (Start: 75 @8226 has 5 MA's), (Start: 81 @8247 has 2 MA's), (132, 8382), (197, 8547), (198, 8553), (230, 8628), (234, 8637), (270, 8748), (289, 8808), (304, 8844), (317, 8898), (323, 8922), (325, 8928), (347, 8973), (368, 9033), (370, 9042),

Gene: LappelDuVide_9 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for LappelDuVide_9:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Larenn_12 Start: 6724, Stop: 7707, Start Num: 66

Candidate Starts for Larenn_12:

(Start: 66 @6724 has 361 MA's), (74, 6754), (Start: 75 @6757 has 5 MA's), (Start: 81 @6778 has 2 MA's), (178, 7015), (182, 7027), (189, 7054), (198, 7084), (201, 7096), (205, 7108), (231, 7162), (246, 7213), (270, 7273), (317, 7420), (347, 7495), (356, 7510), (368, 7555), (392, 7627), (409, 7681),

Gene: LarryKay_12 Start: 6048, Stop: 7013, Start Num: 60

Candidate Starts for LarryKay_12:

(Start: 60 @6048 has 92 MA's), (Start: 75 @6093 has 5 MA's), (Start: 81 @6114 has 2 MA's), (123, 6234), (182, 6372), (198, 6429), (203, 6444), (236, 6525), (241, 6540), (250, 6558), (267, 6609), (270, 6627), (283, 6672), (308, 6768), (324, 6831), (341, 6870), (362, 6921),

Gene: LastJedi_25 Start: 23704, Stop: 24705, Start Num: 59

Candidate Starts for LastJedi_25:

(Start: 59 @23704 has 240 MA's), (Start: 66 @23725 has 361 MA's), (71, 23737), (Start: 81 @23779 has 2 MA's), (98, 23842), (105, 23863), (117, 23893), (Start: 134 @23947 has 1 MA's), (150, 23971), (160, 23986), (164, 23998), (198, 24109), (237, 24223), (245, 24241), (260, 24280), (267, 24304), (276, 24340), (283, 24367), (297, 24406), (308, 24454), (323, 24514), (351, 24574), (368, 24631), (378, 24661),

Gene: Latch_252 Start: 143793, Stop: 144821, Start Num: 56

Candidate Starts for Latch_252:

(Start: 56 @143793 has 172 MA's), (Start: 66 @143823 has 361 MA's), (71, 143835), (Start: 81 @143877 has 2 MA's), (98, 143940), (105, 143961), (Start: 134 @144045 has 1 MA's), (160, 144087), (164, 144099), (168, 144114), (189, 144183), (198, 144210), (218, 144264), (231, 144309), (232, 144312), (257, 144390), (264, 144411), (297, 144522), (319, 144612), (323, 144630), (356, 144702), (366, 144735),

Gene: Latretium_32 Start: 28306, Stop: 29304, Start Num: 59

Candidate Starts for Latretium_32:

(Start: 59 @28306 has 240 MA's), (Start: 81 @28381 has 2 MA's), (98, 28441), (105, 28462), (Start: 134 @28546 has 1 MA's), (164, 28597), (168, 28612), (198, 28708), (237, 28822), (245, 28840), (260, 28879), (264, 28891), (276, 28939), (283, 28966), (292, 28990), (297, 29005), (323, 29113), (344, 29161), (368, 29230), (378, 29260),

Gene: LeBron_26 Start: 25573, Stop: 26604, Start Num: 54

Candidate Starts for LeBron_26:

(Start: 54 @25573 has 27 MA's), (104, 25729), (115, 25753), (118, 25765), (122, 25783), (129, 25801), (136, 25819), (139, 25825), (144, 25834), (156, 25849), (161, 25864), (174, 25912), (182, 25936), (198, 25993), (212, 26032), (238, 26110), (241, 26119), (243, 26122), (250, 26137), (266, 26191), (270, 26212), (274, 26227), (301, 26311), (308, 26341), (324, 26410), (330, 26422), (341, 26446), (347, 26464), (351, 26467), (356, 26479), (358, 26482), (366, 26512), (368, 26524),

Gene: Lee7_253 Start: 146894, Stop: 147922, Start Num: 56

Candidate Starts for Lee7_253:

(Start: 56 @146894 has 172 MA's), (Start: 66 @146924 has 361 MA's), (71, 146936), (Start: 81 @146978 has 2 MA's), (98, 147041), (105, 147062), (Start: 134 @147146 has 1 MA's), (160, 147188), (164, 147200), (168, 147215), (189, 147284), (198, 147311), (218, 147365), (231, 147410), (232, 147413), (257, 147491), (264, 147512), (297, 147623), (319, 147713), (323, 147731), (356, 147803), (366, 147836),

Gene: Lemur_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Lemur_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712),

Gene: LeoAvram_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for LeoAvram_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: Leogania_13 Start: 8570, Stop: 9553, Start Num: 66

Candidate Starts for Leogania_13:

(Start: 66 @8570 has 361 MA's), (Start: 80 @8621 has 1 MA's), (Start: 81 @8624 has 2 MA's), (198, 8948), (203, 8963), (233, 9032), (236, 9056), (241, 9071), (267, 9140), (270, 9158), (308, 9302), (324, 9365), (341, 9404), (353, 9428), (360, 9446),

Gene: Leopard_46 Start: 36660, Stop: 37541, Start Num: 96

Candidate Starts for Leopard_46:

(Start: 96 @36660 has 3 MA's), (133, 36756), (138, 36762), (172, 36846), (175, 36858), (207, 36960), (236, 37038), (245, 37059), (285, 37182), (300, 37221), (311, 37266), (333, 37335), (350, 37386), (355, 37395), (359, 37404), (362, 37419), (374, 37464), (385, 37500),

Gene: Leozinho_33 Start: 27931, Stop: 28947, Start Num: 59

Candidate Starts for Leozinho_33:

(29, 27787), (32, 27859), (Start: 59 @27931 has 240 MA's), (93, 28063), (98, 28084), (105, 28105), (Start: 134 @28189 has 1 MA's), (164, 28240), (198, 28351), (236, 28462), (245, 28483), (260, 28522), (264, 28534), (276, 28582), (283, 28609), (292, 28633), (297, 28648), (323, 28756), (344, 28804), (351, 28816), (366, 28861), (368, 28873), (378, 28903),

Gene: Leperchaun_31 Start: 27593, Stop: 28594, Start Num: 59

Candidate Starts for Leperchaun_31:

(Start: 59 @27593 has 240 MA's), (Start: 66 @27614 has 361 MA's), (71, 27626), (Start: 81 @27668 has 2 MA's), (98, 27731), (105, 27752), (117, 27782), (Start: 134 @27836 has 1 MA's), (150, 27860), (164, 27887), (198, 27998), (237, 28112), (245, 28130), (260, 28169), (267, 28193), (276, 28229), (283, 28256), (297, 28295), (323, 28403), (344, 28451), (351, 28463), (365, 28505), (366, 28508), (368, 28520), (378, 28550),

Gene: Lesedi_9 Start: 5770, Stop: 6738, Start Num: 66

Candidate Starts for Lesedi_9:

(Start: 66 @5770 has 361 MA's), (Start: 75 @5803 has 5 MA's), (Start: 81 @5824 has 2 MA's), (160, 6013), (184, 6091), (198, 6142), (201, 6154), (233, 6229), (252, 6292), (258, 6304), (264, 6325), (267, 6337), (270, 6355), (276, 6373), (282, 6397), (297, 6436), (317, 6517), (323, 6541), (324, 6544), (325, 6547), (330, 6556), (365, 6643), (393, 6730),

Gene: LestyG_47 Start: 41537, Stop: 42601, Start Num: 50

Candidate Starts for LestyG_47:

(Start: 50 @41537 has 44 MA's), (72, 41600), (94, 41681), (117, 41747), (120, 41762), (124, 41774), (135, 41801), (167, 41858), (170, 41867), (217, 42014), (223, 42029), (236, 42083), (251, 42116), (265, 42155), (268, 42167), (289, 42248), (297, 42266), (298, 42269), (344, 42425), (382, 42536), (389, 42557), (402, 42590),

Gene: Leviathan_13 Start: 6865, Stop: 7857, Start Num: 66

Candidate Starts for Leviathan_13:

(Start: 66 @6865 has 361 MA's), (Start: 80 @6916 has 1 MA's), (Start: 81 @6919 has 2 MA's), (158, 7087), (160, 7093), (168, 7120), (185, 7180), (198, 7225), (233, 7312), (245, 7357), (264, 7396), (277, 7444), (306, 7525), (316, 7567), (354, 7654), (388, 7768),

Gene: Lewan_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Lewan_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (123, 26477), (Start: 134 @26507 has 1 MA's), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (218, 26732), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Licorice_12 Start: 6660, Stop: 7595, Start Num: 75

Candidate Starts for Licorice_12:

(Start: 66 @6627 has 361 MA's), (Start: 75 @6660 has 5 MA's), (Start: 80 @6678 has 1 MA's), (Start: 81 @6681 has 2 MA's), (184, 6948), (198, 6999), (201, 7011), (233, 7086), (252, 7149), (258, 7161), (264, 7182), (267, 7194), (270, 7212), (276, 7230), (297, 7293), (317, 7374), (323, 7398), (324, 7401), (325, 7404), (330, 7413), (365, 7500), (378, 7545), (393, 7587),

Gene: LifeSavor_253 Start: 145021, Stop: 146049, Start Num: 56

Candidate Starts for LifeSavor_253:

(Start: 56 @145021 has 172 MA's), (Start: 66 @145051 has 361 MA's), (71, 145063), (Start: 81 @145105 has 2 MA's), (98, 145168), (105, 145189), (Start: 134 @145273 has 1 MA's), (160, 145315), (164, 145327), (168, 145342), (189, 145411), (198, 145438), (218, 145492), (231, 145537), (232, 145540), (257, 145618), (264, 145639), (297, 145750), (319, 145840), (323, 145858), (356, 145930), (366, 145963),

Gene: LilBib_11 Start: 6570, Stop: 7538, Start Num: 66

Candidate Starts for LilBib_11:

(Start: 66 @6570 has 361 MA's), (Start: 75 @6603 has 5 MA's), (Start: 80 @6621 has 1 MA's), (Start: 81 @6624 has 2 MA's), (184, 6891), (198, 6942), (201, 6954), (233, 7029), (252, 7092), (264, 7125), (267, 7137), (270, 7155), (276, 7173), (282, 7197), (297, 7236), (317, 7317), (323, 7341), (324, 7344), (325, 7347), (330, 7356), (365, 7443), (393, 7530),

Gene: LilDestine_28 Start: 26302, Stop: 27273, Start Num: 66

Candidate Starts for LilDestine_28:

(Start: 66 @26302 has 361 MA's), (Start: 81 @26356 has 2 MA's), (123, 26476), (Start: 134 @26506 has 1 MA's), (Start: 146 @26521 has 1 MA's), (160, 26554), (161, 26557), (164, 26566), (170, 26587), (189, 26650), (198, 26677), (205, 26701), (237, 26782), (241, 26794), (268, 26857), (270, 26872), (287, 26932), (298, 26947), (318, 27028), (323, 27046), (324, 27049), (325, 27052), (351, 27103), (366, 27148), (378, 27190), (398, 27232),

Gene: LilMcDreamy_46 Start: 42132, Stop: 43154, Start Num: 66

Candidate Starts for LilMcDreamy_46:

(Start: 66 @42132 has 361 MA's), (74, 42162), (Start: 80 @42183 has 1 MA's), (Start: 81 @42186 has 2 MA's), (115, 42273), (149, 42342), (197, 42486), (198, 42492), (224, 42555), (230, 42567), (233, 42573), (234, 42576), (255, 42642), (262, 42666), (270, 42702), (279, 42732), (289, 42762), (300, 42789), (301, 42792), (317, 42852), (322, 42873), (341, 42909), (347, 42927), (349, 42933), (368, 42993), (400, 43080), (411, 43125), (414, 43143),

Gene: LilMoolah_31 Start: 27797, Stop: 28798, Start Num: 59

Candidate Starts for LilMoolah_31:

(Start: 59 @27797 has 240 MA's), (Start: 66 @27818 has 361 MA's), (71, 27830), (Start: 81 @27872 has 2 MA's), (98, 27935), (105, 27956), (117, 27986), (Start: 134 @28040 has 1 MA's), (150, 28064), (160, 28079), (164, 28091), (198, 28202), (237, 28316), (245, 28334), (260, 28373), (267, 28397), (276, 28433), (283, 28460), (297, 28499), (308, 28547), (323, 28607), (351, 28667), (368, 28724), (378, 28754),

Gene: LilSpotty_32 Start: 24959, Stop: 26029, Start Num: 59

Candidate Starts for LilSpotty_32:

(Start: 59 @24959 has 240 MA's), (124, 25175), (Start: 157 @25229 has 2 MA's), (170, 25271), (184, 25322), (217, 25436), (226, 25469), (243, 25544), (252, 25565), (258, 25577), (289, 25694), (308, 25766), (344, 25874), (368, 25943), (390, 26009),

Gene: LilTurb_13 Start: 6892, Stop: 7884, Start Num: 66

Candidate Starts for LilTurb_13:

(Start: 66 @6892 has 361 MA's), (Start: 75 @6925 has 5 MA's), (Start: 80 @6943 has 1 MA's), (Start: 81 @6946 has 2 MA's), (158, 7114), (160, 7120), (168, 7147), (185, 7207), (198, 7252), (233, 7339), (245, 7384), (264, 7423), (277, 7471), (281, 7486), (306, 7552), (316, 7594), (354, 7681), (388, 7795),

Gene: LilhomieP_37 Start: 31794, Stop: 32765, Start Num: 63

Candidate Starts for LilhomieP_37:

(Start: 63 @31794 has 13 MA's), (72, 31818), (Start: 75 @31833 has 5 MA's), (129, 31971), (Start: 143 @31998 has 16 MA's), (159, 32016), (163, 32028), (166, 32037), (178, 32082), (182, 32094), (190, 32121), (198, 32148), (201, 32160), (221, 32205), (231, 32232), (237, 32262), (240, 32271), (241, 32274), (274, 32361), (279, 32376), (326, 32529), (331, 32532), (356, 32592), (361, 32604), (363, 32613), (371, 32649), (377, 32664), (392, 32703), (404, 32736),

Gene: Lilith_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for Lilith_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: LinStu_249 Start: 143122, Stop: 144150, Start Num: 56

Candidate Starts for LinStu_249:

(Start: 56 @143122 has 172 MA's), (Start: 66 @143152 has 361 MA's), (Start: 81 @143206 has 2 MA's), (98, 143269), (105, 143290), (Start: 134 @143374 has 1 MA's), (160, 143416), (164, 143428), (168, 143443), (189, 143512), (198, 143539), (218, 143593), (231, 143638), (232, 143641), (257, 143719), (264, 143740), (297, 143851), (319, 143941), (323, 143959), (356, 144031), (366, 144064),

Gene: LittleB_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for LittleB_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: LittleE_53 Start: 42373, Stop: 43245, Start Num: 86

Candidate Starts for LittleE_53:

(Start: 86 @42373 has 30 MA's), (Start: 100 @42400 has 1 MA's), (Start: 157 @42529 has 2 MA's), (172, 42574), (180, 42595), (188, 42616), (205, 42670), (236, 42751), (331, 43030), (333, 43033), (355, 43093), (360, 43108), (363, 43120), (367, 43141),

Gene: LittleGuy_10 Start: 5821, Stop: 6804, Start Num: 66

Candidate Starts for LittleGuy_10:

(Start: 66 @5821 has 361 MA's), (Start: 80 @5872 has 1 MA's), (Start: 81 @5875 has 2 MA's), (132, 6010), (Start: 152 @6034 has 17 MA's), (182, 6124), (198, 6181), (224, 6244), (234, 6265), (236, 6286), (248, 6313), (270, 6370), (317, 6520), (366, 6643), (368, 6655), (406, 6766),

Gene: LittleShirley_34 Start: 29159, Stop: 30160, Start Num: 59

Candidate Starts for LittleShirley_34:

(Start: 59 @29159 has 240 MA's), (Start: 81 @29234 has 2 MA's), (88, 29267), (98, 29297), (105, 29318), (Start: 134 @29402 has 1 MA's), (150, 29426), (160, 29441), (164, 29453), (198, 29564), (237, 29678), (245, 29696), (260, 29735), (267, 29759), (276, 29795), (283, 29822), (297, 29861), (308, 29909), (323, 29969), (351, 30029), (365, 30071), (366, 30074), (368, 30086), (378, 30116),

Gene: Littleton_256 Start: 145030, Stop: 146058, Start Num: 56

Candidate Starts for Littleton_256:

(Start: 56 @145030 has 172 MA's), (Start: 66 @145060 has 361 MA's), (71, 145072), (Start: 81 @145114 has 2 MA's), (98, 145177), (105, 145198), (Start: 134 @145282 has 1 MA's), (160, 145324), (164, 145336), (168, 145351), (189, 145420), (198, 145447), (218, 145501), (231, 145546), (232, 145549), (257, 145627), (264, 145648), (297, 145759), (319, 145849), (323, 145867), (356, 145939), (366, 145972),

Gene: Lizziana_31 Start: 27672, Stop: 28673, Start Num: 59

Candidate Starts for Lizziana_31:

(Start: 59 @27672 has 240 MA's), (Start: 66 @27693 has 361 MA's), (71, 27705), (Start: 81 @27747 has 2 MA's), (98, 27810), (105, 27831), (117, 27861), (Start: 134 @27915 has 1 MA's), (150, 27939), (160, 27954), (164, 27966), (198, 28077), (237, 28191), (245, 28209), (260, 28248), (267, 28272), (276, 28308), (283, 28335), (297, 28374), (308, 28422), (323, 28482), (351, 28542), (368, 28599), (378, 28629),

Gene: Llama_31 Start: 27727, Stop: 28728, Start Num: 59

Candidate Starts for Llama_31:

(2, 27106), (6, 27184), (8, 27247), (11, 27286), (16, 27418), (19, 27439), (23, 27475), (34, 27628), (Start: 59 @27727 has 240 MA's), (Start: 66 @27748 has 361 MA's), (71, 27760), (Start: 81 @27802 has 2 MA's), (88, 27835), (98, 27865), (105, 27886), (Start: 134 @27970 has 1 MA's), (150, 27994), (160, 28009), (164, 28021), (198, 28132), (237, 28246), (245, 28264), (260, 28303), (267, 28327), (276, 28363), (283, 28390), (297, 28429), (323, 28537), (344, 28585), (351, 28597), (365, 28639), (366, 28642), (368, 28654), (378, 28684),

Gene: Llij_31 Start: 27499, Stop: 28500, Start Num: 59

Candidate Starts for Llij_31:

(23, 27247), (34, 27400), (Start: 59 @27499 has 240 MA's), (Start: 66 @27520 has 361 MA's), (71, 27532), (Start: 81 @27574 has 2 MA's), (98, 27637), (105, 27658), (117, 27688), (Start: 134 @27742 has 1 MA's), (150, 27766), (164, 27793), (198, 27904), (237, 28018), (245, 28036), (260, 28075), (267, 28099), (276, 28135), (283, 28162), (297, 28201), (308, 28249), (323, 28309), (351, 28369), (368, 28426), (378, 28456),

Gene: Loadrie_28 Start: 26335, Stop: 27306, Start Num: 66

Candidate Starts for Loadrie_28:

(Start: 66 @26335 has 361 MA's), (Start: 81 @26389 has 2 MA's), (123, 26509), (Start: 134 @26539 has 1 MA's), (141, 26548), (Start: 146 @26554 has 1 MA's), (160, 26587), (161, 26590), (164, 26599), (170, 26620), (189, 26683), (198, 26710), (205, 26734), (237, 26815), (241, 26827), (268, 26890), (270, 26905), (287, 26965), (298, 26980), (318, 27061), (323, 27079), (324, 27082), (325, 27085), (351, 27136), (366, 27181), (378, 27223), (398, 27265),

Gene: Loanshark_249 Start: 144380, Stop: 145408, Start Num: 56

Candidate Starts for Loanshark_249:

(Start: 56 @144380 has 172 MA's), (Start: 66 @144410 has 361 MA's), (71, 144422), (Start: 81 @144464 has 2 MA's), (98, 144527), (105, 144548), (Start: 134 @144632 has 1 MA's), (160, 144674), (164, 144686), (168, 144701), (189, 144770), (198, 144797), (218, 144851), (231, 144896), (232, 144899), (257, 144977), (264, 144998), (297, 145109), (319, 145199), (323, 145217), (356, 145289), (366, 145322),

Gene: LochMonster_10 Start: 5856, Stop: 6836, Start Num: 68

Candidate Starts for LochMonster_10:

(Start: 68 @5856 has 108 MA's), (74, 5883), (Start: 80 @5904 has 1 MA's), (Start: 81 @5907 has 2 MA's), (182, 6156), (198, 6213), (201, 6225), (224, 6276), (234, 6297), (248, 6345), (264, 6372), (270, 6402), (317, 6552), (366, 6675), (368, 6687), (392, 6753),

Gene: Lockley_10 Start: 5949, Stop: 6917, Start Num: 66

Candidate Starts for Lockley_10:

(Start: 66 @5949 has 361 MA's), (Start: 75 @5982 has 5 MA's), (Start: 80 @6000 has 1 MA's), (Start: 81 @6003 has 2 MA's), (184, 6270), (198, 6321), (201, 6333), (233, 6408), (252, 6471), (258, 6483), (264, 6504), (267, 6516), (270, 6534), (276, 6552), (282, 6576), (297, 6615), (317, 6696), (323, 6720), (324, 6723), (325, 6726), (330, 6735), (365, 6822), (393, 6909),

Gene: Loka_14 Start: 8131, Stop: 9117, Start Num: 66

Candidate Starts for Loka_14:

(Start: 66 @8131 has 361 MA's), (74, 8161), (Start: 80 @8182 has 1 MA's), (Start: 81 @8185 has 2 MA's), (91, 8218), (182, 8434), (197, 8485), (198, 8491), (201, 8503), (209, 8524), (248, 8614), (270, 8680), (317, 8830), (322, 8851), (368, 8965), (392, 9037),

Gene: LolaVinca_248 Start: 144633, Stop: 145661, Start Num: 56

Candidate Starts for LolaVinca_248:

(Start: 56 @144633 has 172 MA's), (Start: 66 @144663 has 361 MA's), (71, 144675), (Start: 81 @144717 has 2 MA's), (98, 144780), (105, 144801), (Start: 134 @144885 has 1 MA's), (160, 144927), (164, 144939), (168, 144954), (189, 145023), (198, 145050), (218, 145104), (231, 145149), (232, 145152), (257, 145230), (264, 145251), (297, 145362), (319, 145452), (323, 145470), (356, 145542), (366, 145575),

Gene: Lolly9_28 Start: 26618, Stop: 27661, Start Num: 66

Candidate Starts for Lolly9_28:

(Start: 66 @26618 has 361 MA's), (Start: 70 @26624 has 14 MA's), (Start: 75 @26651 has 5 MA's), (Start: 81 @26672 has 2 MA's), (Start: 100 @26723 has 1 MA's), (111, 26753), (128, 26804), (172, 26909), (197, 26990), (198, 26996), (213, 27038), (235, 27092), (239, 27110), (241, 27116), (245, 27122), (270, 27194), (286, 27251), (309, 27311), (327, 27386), (336, 27407), (343, 27431), (348, 27446), (350, 27452), (368, 27515), (404, 27617), (408, 27638), (410, 27644),

Gene: Lopton_11 Start: 6354, Stop: 7322, Start Num: 66

Candidate Starts for Lopton_11:

(Start: 66 @6354 has 361 MA's), (Start: 75 @6387 has 5 MA's), (Start: 80 @6405 has 1 MA's), (Start: 81 @6408 has 2 MA's), (184, 6675), (198, 6726), (201, 6738), (233, 6813), (252, 6876), (258, 6888), (264, 6909), (267, 6921), (270, 6939), (276, 6957), (282, 6981), (297, 7020), (317, 7101), (323, 7125), (324, 7128), (325, 7131), (330, 7140), (365, 7227), (393, 7314),

Gene: LordLeafolot_254 Start: 144246, Stop: 145274, Start Num: 56

Candidate Starts for LordLeafolot_254:

(Start: 56 @144246 has 172 MA's), (Start: 66 @144276 has 361 MA's), (71, 144288), (Start: 81 @144330 has 2 MA's), (98, 144393), (105, 144414), (Start: 134 @144498 has 1 MA's), (160, 144540),

(164, 144552), (168, 144567), (189, 144636), (198, 144663), (218, 144717), (231, 144762), (232, 144765), (257, 144843), (264, 144864), (297, 144975), (319, 145065), (323, 145083), (356, 145155), (366, 145188),

Gene: Lorde_33 Start: 27654, Stop: 28724, Start Num: 59

Candidate Starts for Lorde_33:

(40, 27600), (Start: 59 @27654 has 240 MA's), (124, 27870), (125, 27873), (Start: 157 @27924 has 2 MA's), (170, 27966), (184, 28017), (217, 28131), (226, 28164), (243, 28239), (252, 28260), (289, 28389), (308, 28461), (340, 28557), (344, 28569), (368, 28638), (387, 28695), (390, 28704),

Gene: Lorenzo_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Lorenzo_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Loser_14 Start: 8241, Stop: 9218, Start Num: 66

Candidate Starts for Loser_14:

(Start: 66 @8241 has 361 MA's), (Start: 81 @8295 has 2 MA's), (168, 8484), (178, 8520), (182, 8532), (198, 8589), (211, 8625), (233, 8673), (241, 8712), (267, 8781), (270, 8799), (283, 8844), (288, 8862), (302, 8904), (308, 8952), (314, 8979), (319, 8994), (324, 9015), (340, 9051), (341, 9054), (360, 9096), (362, 9105), (369, 9138),

Gene: Louie6_12 Start: 6049, Stop: 7014, Start Num: 60

Candidate Starts for Louie6_12:

(Start: 60 @6049 has 92 MA's), (Start: 75 @6094 has 5 MA's), (Start: 81 @6115 has 2 MA's), (123, 6235), (182, 6373), (198, 6430), (203, 6445), (236, 6526), (241, 6541), (250, 6559), (267, 6610), (270, 6628), (283, 6673), (308, 6769), (324, 6832), (341, 6871), (362, 6922),

Gene: Luchador_11 Start: 6567, Stop: 7526, Start Num: 75

Candidate Starts for Luchador_11:

(Start: 66 @6534 has 361 MA's), (Start: 75 @6567 has 5 MA's), (Start: 80 @6585 has 1 MA's), (Start: 81 @6588 has 2 MA's), (132, 6723), (160, 6762), (168, 6789), (185, 6849), (198, 6894), (233, 6981), (245, 7026), (249, 7035), (264, 7065), (277, 7113), (306, 7194), (316, 7236), (354, 7323), (383, 7422), (388, 7437), (412, 7512),

Gene: Lucky2013_48 Start: 39222, Stop: 40226, Start Num: 66

Candidate Starts for Lucky2013_48:

(Start: 66 @39222 has 361 MA's), (Start: 81 @39276 has 2 MA's), (Start: 100 @39327 has 1 MA's), (124, 39399), (164, 39474), (198, 39588), (201, 39600), (214, 39633), (237, 39702), (241, 39714), (247, 39726), (249, 39729), (267, 39774), (270, 39792), (318, 39954), (321, 39969), (324, 39978), (401, 40179),

Gene: LugYA_14 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for LugYA_14:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: Lukilu_241 Start: 145249, Stop: 146277, Start Num: 56

Candidate Starts for Lukilu_241:

(Start: 56 @145249 has 172 MA's), (Start: 66 @145279 has 361 MA's), (71, 145291), (Start: 81 @145333 has 2 MA's), (98, 145396), (105, 145417), (Start: 134 @145501 has 1 MA's), (160, 145543),

(164, 145555), (168, 145570), (189, 145639), (198, 145666), (218, 145720), (231, 145765), (232, 145768), (257, 145846), (264, 145867), (297, 145978), (319, 146068), (323, 146086), (356, 146158), (366, 146191),

Gene: Lumos_28 Start: 26847, Stop: 27890, Start Num: 66

Candidate Starts for Lumos_28:

(Start: 66 @26847 has 361 MA's), (Start: 70 @26853 has 14 MA's), (Start: 75 @26880 has 5 MA's), (Start: 81 @26901 has 2 MA's), (Start: 100 @26952 has 1 MA's), (128, 27033), (172, 27138), (197, 27219), (198, 27225), (235, 27321), (239, 27339), (241, 27345), (245, 27351), (270, 27423), (286, 27480), (309, 27540), (327, 27615), (336, 27636), (343, 27660), (348, 27675), (353, 27687), (368, 27744), (404, 27846), (408, 27867),

Gene: LunaBlu_34 Start: 28521, Stop: 29537, Start Num: 59

Candidate Starts for LunaBlu_34:

(25, 28290), (26, 28293), (28, 28341), (43, 28476), (46, 28485), (Start: 59 @28521 has 240 MA's), (93, 28653), (98, 28674), (105, 28695), (117, 28725), (119, 28737), (Start: 134 @28779 has 1 MA's), (164, 28830), (168, 28845), (198, 28941), (236, 29052), (245, 29073), (260, 29112), (264, 29124), (276, 29172), (283, 29199), (292, 29223), (297, 29238), (323, 29346), (344, 29394), (368, 29463), (378, 29493),

Gene: LunaStella_32 Start: 28121, Stop: 29197, Start Num: 59

Candidate Starts for LunaStella_32:

(Start: 59 @28121 has 240 MA's), (Start: 70 @28148 has 14 MA's), (76, 28178), (77, 28184), (98, 28259), (102, 28271), (108, 28289), (128, 28346), (167, 28424), (170, 28433), (184, 28484), (195, 28526), (200, 28550), (202, 28559), (217, 28601), (226, 28634), (236, 28691), (237, 28694), (243, 28709), (249, 28721), (258, 28742), (261, 28754), (268, 28778), (289, 28859), (296, 28883), (308, 28934), (331, 29012), (344, 29042), (345, 29045), (364, 29090), (368, 29111), (390, 29177),

Gene: Lunsford_11 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Lunsford_11:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712),

Gene: MA5_10 Start: 5337, Stop: 6077, Start Num: 152

Candidate Starts for MA5_10:

(69, 5151), (Start: 86 @5220 has 30 MA's), (Start: 152 @5337 has 17 MA's), (182, 5424), (198, 5481), (201, 5493), (203, 5496), (212, 5520), (221, 5535), (236, 5583), (238, 5589), (250, 5616), (270, 5685), (293, 5757), (303, 5799), (308, 5826), (314, 5853), (323, 5886), (324, 5889), (341, 5928), (395, 6069),

Gene: MAckerman_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for MAckerman_26:

(Start: 54 @25547 has 27 MA's), (104, 25703), (115, 25727), (118, 25739), (122, 25757), (129, 25775), (136, 25793), (139, 25799), (144, 25808), (156, 25823), (161, 25838), (174, 25886), (182, 25910), (198, 25967), (212, 26006), (238, 26084), (241, 26093), (243, 26096), (250, 26111), (266, 26165), (270, 26186), (274, 26201), (301, 26285), (308, 26315), (324, 26384), (330, 26396), (341, 26420), (347, 26438), (351, 26441), (356, 26453), (358, 26456), (366, 26486), (368, 26498),

Gene: MK4_10 Start: 5610, Stop: 6350, Start Num: 152

Candidate Starts for MK4_10:

(Start: 152 @5610 has 17 MA's), (182, 5697), (198, 5754), (201, 5766), (203, 5769), (212, 5793), (221, 5808), (236, 5856), (238, 5862), (250, 5889), (270, 5958), (293, 6030), (303, 6072), (308, 6099), (314, 6126), (323, 6159), (324, 6162), (341, 6201), (363, 6255), (395, 6342),

Gene: MPlant7149_9 Start: 5587, Stop: 6555, Start Num: 66

Candidate Starts for MPlant7149_9:

(Start: 66 @5587 has 361 MA's), (Start: 75 @5620 has 5 MA's), (Start: 80 @5638 has 1 MA's), (Start: 81 @5641 has 2 MA's), (184, 5908), (198, 5959), (201, 5971), (233, 6046), (252, 6109), (258, 6121), (264, 6142), (267, 6154), (270, 6172), (276, 6190), (282, 6214), (297, 6253), (317, 6334), (323, 6358), (324, 6361), (325, 6364), (330, 6373), (365, 6460), (393, 6547),

Gene: Maby2021_253 Start: 145933, Stop: 146961, Start Num: 56

Candidate Starts for Maby2021_253:

(Start: 56 @145933 has 172 MA's), (Start: 66 @145963 has 361 MA's), (71, 145975), (Start: 81 @146017 has 2 MA's), (98, 146080), (105, 146101), (Start: 134 @146185 has 1 MA's), (160, 146227), (164, 146239), (168, 146254), (189, 146323), (198, 146350), (218, 146404), (231, 146449), (232, 146452), (257, 146530), (264, 146551), (297, 146662), (319, 146752), (323, 146770), (356, 146842), (366, 146875),

Gene: MadKillah_68 Start: 43198, Stop: 44238, Start Num: 59

Candidate Starts for MadKillah_68:

(Start: 59 @43198 has 240 MA's), (Start: 81 @43273 has 2 MA's), (98, 43354), (Start: 100 @43360 has 1 MA's), (105, 43375), (132, 43456), (Start: 134 @43459 has 1 MA's), (164, 43513), (168, 43528), (198, 43624), (212, 43663), (220, 43693), (231, 43723), (232, 43726), (238, 43759), (264, 43825), (273, 43864), (276, 43873), (283, 43900), (297, 43939), (355, 44113), (368, 44164),

Gene: MadMarie_12 Start: 5964, Stop: 6929, Start Num: 60

Candidate Starts for MadMarie_12:

(Start: 60 @5964 has 92 MA's), (Start: 75 @6009 has 5 MA's), (Start: 81 @6030 has 2 MA's), (123, 6150), (182, 6288), (198, 6345), (203, 6360), (236, 6441), (241, 6456), (250, 6474), (267, 6525), (270, 6543), (283, 6588), (308, 6684), (324, 6747), (341, 6786), (362, 6837),

Gene: MadMen_29 Start: 26957, Stop: 27958, Start Num: 59

Candidate Starts for MadMen_29:

(Start: 59 @26957 has 240 MA's), (Start: 81 @27032 has 2 MA's), (88, 27065), (98, 27095), (105, 27116), (Start: 134 @27200 has 1 MA's), (164, 27251), (168, 27266), (198, 27362), (236, 27473), (245, 27494), (260, 27533), (264, 27545), (276, 27593), (283, 27620), (292, 27644), (297, 27659), (323, 27767), (344, 27815), (368, 27884), (378, 27914),

Gene: Madiba_29 Start: 26429, Stop: 27430, Start Num: 59

Candidate Starts for Madiba_29:

(30, 26267), (Start: 59 @26429 has 240 MA's), (Start: 81 @26504 has 2 MA's), (88, 26537), (98, 26567), (105, 26588), (Start: 134 @26672 has 1 MA's), (150, 26696), (160, 26711), (164, 26723), (198, 26834), (237, 26948), (245, 26966), (260, 27005), (267, 27029), (276, 27065), (283, 27092), (297, 27131), (323, 27239), (344, 27287), (351, 27299), (366, 27344), (368, 27356), (378, 27386),

Gene: Madruga_40 Start: 34911, Stop: 35936, Start Num: 55

Candidate Starts for Madruga_40:

(Start: 55 @34911 has 3 MA's), (98, 35046), (124, 35121), (167, 35205), (170, 35214), (176, 35238), (180, 35247), (208, 35340), (236, 35439), (251, 35472), (258, 35487), (264, 35508), (266, 35517), (289, 35604), (297, 35622), (304, 35652), (308, 35670), (315, 35706), (344, 35781), (351, 35793), (353, 35796), (365, 35835), (382, 35892),

Gene: Magnar_10 Start: 5741, Stop: 6703, Start Num: 66

Candidate Starts for Magnar_10:

(Start: 66 @5741 has 361 MA's), (Start: 75 @5774 has 5 MA's), (Start: 80 @5792 has 1 MA's), (Start: 81 @5795 has 2 MA's), (164, 5996), (184, 6062), (198, 6107), (234, 6197), (260, 6278), (264, 6290), (267, 6302), (270, 6320), (276, 6338), (282, 6362), (297, 6401), (317, 6482), (323, 6506), (324, 6509), (325, 6512), (330, 6521), (365, 6608), (378, 6653), (393, 6695),

Gene: Magnito_9 Start: 5486, Stop: 6454, Start Num: 66

Candidate Starts for Magnito_9:

(Start: 66 @5486 has 361 MA's), (Start: 75 @5519 has 5 MA's), (Start: 80 @5537 has 1 MA's), (Start: 81 @5540 has 2 MA's), (184, 5807), (198, 5858), (201, 5870), (233, 5945), (252, 6008), (258, 6020), (264, 6041), (267, 6053), (270, 6071), (276, 6089), (282, 6113), (297, 6152), (317, 6233), (323, 6257), (324, 6260), (325, 6263), (330, 6272), (365, 6359), (393, 6446),

Gene: Mahavrat_31 Start: 27558, Stop: 28559, Start Num: 59

Candidate Starts for Mahavrat_31:

(34, 27459), (49, 27531), (Start: 59 @27558 has 240 MA's), (Start: 66 @27579 has 361 MA's), (71, 27591), (Start: 81 @27633 has 2 MA's), (88, 27666), (98, 27696), (105, 27717), (Start: 134 @27801 has 1 MA's), (150, 27825), (160, 27840), (164, 27852), (198, 27963), (237, 28077), (245, 28095), (260, 28134), (267, 28158), (276, 28194), (283, 28221), (297, 28260), (323, 28368), (351, 28428), (366, 28473), (368, 28485), (378, 28515),

Gene: Mainiac_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for Mainiac_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: Makemake_10 Start: 6196, Stop: 7164, Start Num: 66

Candidate Starts for Makemake_10:

(Start: 66 @6196 has 361 MA's), (Start: 75 @6229 has 5 MA's), (Start: 80 @6247 has 1 MA's), (Start: 81 @6250 has 2 MA's), (184, 6517), (198, 6568), (201, 6580), (233, 6655), (252, 6718), (264, 6751), (270, 6781), (276, 6799), (282, 6823), (297, 6862), (317, 6943), (323, 6967), (324, 6970), (325, 6973), (330, 6982), (365, 7069), (378, 7114), (393, 7156),

Gene: Malec_12 Start: 6729, Stop: 7712, Start Num: 66

Candidate Starts for Malec_12:

(Start: 66 @6729 has 361 MA's), (74, 6759), (Start: 75 @6762 has 5 MA's), (Start: 81 @6783 has 2 MA's), (178, 7020), (182, 7032), (189, 7059), (198, 7089), (201, 7101), (205, 7113), (231, 7167), (246, 7218), (270, 7278), (317, 7425), (347, 7500), (368, 7560), (392, 7632), (409, 7686),

Gene: Malinsilva_14 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for Malinsilva_14:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: Manatee_10 Start: 5683, Stop: 6651, Start Num: 66

Candidate Starts for Manatee_10:

(Start: 66 @5683 has 361 MA's), (Start: 75 @5716 has 5 MA's), (Start: 80 @5734 has 1 MA's), (Start: 81 @5737 has 2 MA's), (184, 6004), (198, 6055), (201, 6067), (233, 6142), (252, 6205), (264, 6238), (267, 6250), (270, 6268), (276, 6286), (282, 6310), (297, 6349), (317, 6430), (323, 6454), (324, 6457), (325, 6460), (330, 6469), (365, 6556), (393, 6643),

Gene: Mandlovu_32 Start: 28274, Stop: 29290, Start Num: 59

Candidate Starts for Mandlovu_32:

(16, 27956), (17, 27962), (18, 27974), (Start: 20 @27986 has 1 MA's), (21, 27998), (Start: 59 @28274 has 240 MA's), (93, 28406), (98, 28427), (105, 28448), (117, 28478), (119, 28490), (Start: 134 @28532 has 1 MA's), (150, 28556), (160, 28571), (164, 28583), (168, 28598), (198, 28694), (236, 28805), (245, 28826), (260, 28865), (264, 28877), (276, 28925), (283, 28952), (292, 28976), (297, 28991), (323, 29099), (344, 29147), (368, 29216), (378, 29246),

Gene: Mangeria_252 Start: 145144, Stop: 146172, Start Num: 56

Candidate Starts for Mangeria_252:

(Start: 56 @145144 has 172 MA's), (Start: 66 @145174 has 361 MA's), (71, 145186), (Start: 81 @145228 has 2 MA's), (98, 145291), (105, 145312), (Start: 134 @145396 has 1 MA's), (160, 145438), (164, 145450), (168, 145465), (189, 145534), (198, 145561), (218, 145615), (231, 145660), (232, 145663), (257, 145741), (264, 145762), (297, 145873), (319, 145963), (323, 145981), (356, 146053), (366, 146086),

Gene: Mantra_31 Start: 27618, Stop: 28619, Start Num: 59

Candidate Starts for Mantra_31:

(3, 26997), (7, 27075), (9, 27138), (12, 27177), (19, 27330), (23, 27366), (Start: 59 @27618 has 240 MA's), (Start: 66 @27639 has 361 MA's), (71, 27651), (Start: 81 @27693 has 2 MA's), (98, 27756), (105, 27777), (117, 27807), (Start: 134 @27861 has 1 MA's), (150, 27885), (164, 27912), (198, 28023), (237, 28137), (245, 28155), (260, 28194), (267, 28218), (276, 28254), (283, 28281), (297, 28320), (308, 28368), (323, 28428), (351, 28488), (368, 28545), (378, 28575),

Gene: Manu_13 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Manu_13:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: MarQuardt_12 Start: 5963, Stop: 6928, Start Num: 60

Candidate Starts for MarQuardt_12:

(Start: 60 @5963 has 92 MA's), (Start: 75 @6008 has 5 MA's), (Start: 81 @6029 has 2 MA's), (123, 6149), (198, 6344), (203, 6359), (236, 6440), (241, 6455), (250, 6473), (267, 6524), (270, 6542), (283, 6587), (308, 6683), (324, 6746), (341, 6785), (362, 6836),

Gene: Maravista_31 Start: 27454, Stop: 28455, Start Num: 59

Candidate Starts for Maravista_31:

(Start: 59 @27454 has 240 MA's), (Start: 66 @27475 has 361 MA's), (71, 27487), (Start: 81 @27529 has 2 MA's), (98, 27592), (105, 27613), (117, 27643), (Start: 134 @27697 has 1 MA's), (150, 27721), (160, 27736), (164, 27748), (198, 27859), (237, 27973), (245, 27991), (260, 28030), (267, 28054), (276, 28090), (283, 28117), (297, 28156), (308, 28204), (323, 28264), (351, 28324), (368, 28381), (378, 28411),

Gene: Marcell_10 Start: 5946, Stop: 6914, Start Num: 66

Candidate Starts for Marcell_10:

(Start: 66 @5946 has 361 MA's), (Start: 75 @5979 has 5 MA's), (Start: 80 @5997 has 1 MA's), (Start: 81 @6000 has 2 MA's), (184, 6267), (198, 6318), (201, 6330), (233, 6405), (252, 6468), (258, 6480), (264, 6501), (267, 6513), (270, 6531), (276, 6549), (282, 6573), (297, 6612), (317, 6693), (323, 6717), (324, 6720), (325, 6723), (330, 6732), (378, 6864), (393, 6906),

Gene: Marchy_8 Start: 5606, Stop: 6541, Start Num: 75

Candidate Starts for Marchy_8:

(Start: 66 @5573 has 361 MA's), (Start: 75 @5606 has 5 MA's), (Start: 80 @5624 has 1 MA's), (Start: 81 @5627 has 2 MA's), (184, 5894), (198, 5945), (201, 5957), (233, 6032), (252, 6095), (264, 6128), (267, 6140), (270, 6158), (276, 6176), (297, 6239), (317, 6320), (323, 6344), (324, 6347), (325, 6350), (330, 6359), (365, 6446), (378, 6491), (393, 6533),

Gene: Marcoliusprime_29 Start: 24807, Stop: 26009, Start Num: 66

Candidate Starts for Marcoliusprime_29:

(52, 24765), (Start: 66 @24807 has 361 MA's), (73, 24834), (88, 24891), (98, 24912), (106, 24939), (126, 24999), (Start: 146 @25035 has 1 MA's), (160, 25068), (161, 25071), (170, 25101), (189, 25167), (201, 25206), (232, 25284), (243, 25329), (267, 25386), (270, 25404), (318, 25569), (323, 25590), (328, 25611), (338, 25716), (339, 25731), (347, 25800), (366, 25857), (389, 25938),

Gene: Marge_10 Start: 5967, Stop: 6935, Start Num: 66

Candidate Starts for Marge_10:

(Start: 66 @5967 has 361 MA's), (Start: 75 @6000 has 5 MA's), (Start: 80 @6018 has 1 MA's), (Start: 81 @6021 has 2 MA's), (184, 6288), (198, 6339), (201, 6351), (233, 6426), (252, 6489), (258, 6501), (264, 6522), (270, 6552), (276, 6570), (282, 6594), (297, 6633), (317, 6714), (323, 6738), (324, 6741), (325, 6744), (330, 6753), (365, 6840), (378, 6885), (393, 6927),

Gene: Margo_11 Start: 6077, Stop: 7042, Start Num: 60

Candidate Starts for Margo_11:

(Start: 60 @6077 has 92 MA's), (Start: 75 @6122 has 5 MA's), (Start: 81 @6143 has 2 MA's), (123, 6263), (129, 6278), (Start: 157 @6317 has 2 MA's), (182, 6401), (198, 6458), (203, 6473), (236, 6554), (241, 6569), (250, 6587), (267, 6638), (270, 6656), (283, 6701), (308, 6797), (324, 6860), (341, 6899), (362, 6950),

Gene: Marie_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for Marie_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: Marius_13 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Marius_13:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: Marker_33 Start: 27383, Stop: 28384, Start Num: 59

Candidate Starts for Marker_33:

(23, 27131), (34, 27284), (49, 27356), (Start: 59 @27383 has 240 MA's), (Start: 81 @27458 has 2 MA's), (98, 27521), (105, 27542), (117, 27572), (Start: 134 @27626 has 1 MA's), (150, 27650), (160, 27665), (164, 27677), (168, 27692), (198, 27788), (237, 27902), (245, 27920), (260, 27959), (267, 27983), (276, 28019), (283, 28046), (297, 28085), (308, 28133), (323, 28193), (344, 28241), (351, 28253), (366, 28298), (368, 28310), (378, 28340),

Gene: Marley1013_47 Start: 42315, Stop: 43379, Start Num: 50

Candidate Starts for Marley1013_47:

(Start: 50 @42315 has 44 MA's), (72, 42378), (94, 42459), (117, 42525), (120, 42540), (124, 42552), (135, 42579), (167, 42636), (170, 42645), (217, 42792), (223, 42807), (236, 42861), (251, 42894), (265, 42933), (268, 42945), (289, 43026), (297, 43044), (298, 43047), (308, 43092), (344, 43203), (382, 43314), (389, 43335), (402, 43368),

Gene: Maroc7_9 Start: 5759, Stop: 6727, Start Num: 66

Candidate Starts for Maroc7_9:

(Start: 66 @5759 has 361 MA's), (Start: 75 @5792 has 5 MA's), (Start: 80 @5810 has 1 MA's), (Start: 81 @5813 has 2 MA's), (184, 6080), (198, 6131), (201, 6143), (233, 6218), (252, 6281), (258, 6293), (264, 6314), (267, 6326), (270, 6344), (276, 6362), (282, 6386), (297, 6425), (317, 6506), (323, 6530), (324, 6533), (325, 6536), (330, 6545), (378, 6677), (393, 6719),

Gene: Marsha_10 Start: 6203, Stop: 7171, Start Num: 66

Candidate Starts for Marsha_10:

(Start: 66 @6203 has 361 MA's), (Start: 75 @6236 has 5 MA's), (Start: 80 @6254 has 1 MA's), (Start: 81 @6257 has 2 MA's), (184, 6524), (189, 6542), (198, 6575), (201, 6587), (233, 6662), (252, 6725), (264, 6758), (270, 6788), (276, 6806), (297, 6869), (317, 6950), (323, 6974), (324, 6977), (325, 6980), (330, 6989), (365, 7076), (393, 7163),

Gene: Martik_31 Start: 27699, Stop: 28700, Start Num: 59

Candidate Starts for Martik_31:

(Start: 59 @27699 has 240 MA's), (Start: 66 @27720 has 361 MA's), (71, 27732), (Start: 81 @27774 has 2 MA's), (98, 27837), (105, 27858), (117, 27888), (Start: 134 @27942 has 1 MA's), (150, 27966), (160, 27981), (164, 27993), (198, 28104), (237, 28218), (245, 28236), (260, 28275), (267, 28299), (276, 28335), (283, 28362), (297, 28401), (308, 28449), (323, 28509), (351, 28569), (368, 28626), (378, 28656),

Gene: MaryBeth_10 Start: 6181, Stop: 7149, Start Num: 66

Candidate Starts for MaryBeth_10:

(Start: 66 @6181 has 361 MA's), (Start: 75 @6214 has 5 MA's), (Start: 80 @6232 has 1 MA's), (Start: 81 @6235 has 2 MA's), (184, 6502), (198, 6553), (201, 6565), (233, 6640), (252, 6703), (258, 6715), (264, 6736), (267, 6748), (270, 6766), (276, 6784), (282, 6808), (297, 6847), (317, 6928), (323, 6952), (324, 6955), (325, 6958), (330, 6967), (365, 7054), (393, 7141),

Gene: MaryV_52 Start: 38366, Stop: 39331, Start Num: 59

Candidate Starts for MaryV_52:

(Start: 59 @38366 has 240 MA's), (77, 38429), (99, 38489), (104, 38504), (105, 38507), (112, 38519), (114, 38525), (124, 38561), (125, 38564), (164, 38636), (168, 38651), (170, 38657), (189, 38720), (198, 38750), (209, 38783), (236, 38846), (237, 38849), (252, 38888), (264, 38921), (270, 38948), (273, 38957), (282, 38990), (320, 39125), (324, 39140), (344, 39185), (362, 39227), (368, 39254), (382, 39296),

Gene: Matsumoto_250 Start: 144235, Stop: 145263, Start Num: 56

Candidate Starts for Matsumoto_250:

(Start: 56 @144235 has 172 MA's), (Start: 66 @144265 has 361 MA's), (71, 144277), (Start: 81 @144319 has 2 MA's), (98, 144382), (105, 144403), (Start: 134 @144487 has 1 MA's), (160, 144529), (164, 144541), (168, 144556), (189, 144625), (198, 144652), (218, 144706), (231, 144751), (232, 144754), (257, 144832), (264, 144853), (297, 144964), (319, 145054), (323, 145072), (356, 145144), (366, 145177),

Gene: Mattes_31 Start: 27708, Stop: 28709, Start Num: 59

Candidate Starts for Mattes_31:

(Start: 59 @27708 has 240 MA's), (Start: 81 @27783 has 2 MA's), (98, 27846), (105, 27867), (Start: 134 @27951 has 1 MA's), (150, 27975), (160, 27990), (164, 28002), (198, 28113), (237, 28227), (245, 28245), (260, 28284), (267, 28308), (276, 28344), (297, 28410), (323, 28518), (344, 28566), (351, 28578), (366, 28623), (368, 28635), (378, 28665),

Gene: Maverick_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Maverick_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Maxo_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Maxo_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: Mazhar510_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Mazhar510_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (265, 6401), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: McGee_254 Start: 144581, Stop: 145609, Start Num: 56

Candidate Starts for McGee_254:

(Start: 56 @144581 has 172 MA's), (Start: 66 @144611 has 361 MA's), (71, 144623), (Start: 81 @144665 has 2 MA's), (98, 144728), (105, 144749), (Start: 134 @144833 has 1 MA's), (160, 144875), (164, 144887), (168, 144902), (189, 144971), (198, 144998), (218, 145052), (231, 145097), (232, 145100), (257, 145178), (264, 145199), (297, 145310), (319, 145400), (323, 145418), (356, 145490), (366, 145523),

Gene: McGuire_10 Start: 5728, Stop: 6696, Start Num: 66

Candidate Starts for McGuire_10:

(Start: 66 @5728 has 361 MA's), (Start: 75 @5761 has 5 MA's), (Start: 80 @5779 has 1 MA's), (Start: 81 @5782 has 2 MA's), (184, 6049), (198, 6100), (201, 6112), (233, 6187), (252, 6250), (264, 6283), (267, 6295), (270, 6313), (276, 6331), (282, 6355), (297, 6394), (317, 6475), (323, 6499), (324, 6502), (325, 6505), (330, 6514), (365, 6601), (393, 6688),

Gene: McWolfish_249 Start: 144242, Stop: 145270, Start Num: 56

Candidate Starts for McWolfish_249:

(Start: 56 @144242 has 172 MA's), (Start: 66 @144272 has 361 MA's), (71, 144284), (Start: 81 @144326 has 2 MA's), (98, 144389), (105, 144410), (Start: 134 @144494 has 1 MA's), (160, 144536), (164, 144548), (168, 144563), (189, 144632), (198, 144659), (218, 144713), (231, 144758), (232, 144761), (257, 144839), (264, 144860), (297, 144971), (319, 145061), (323, 145079), (356, 145151), (366, 145184),

Gene: Medusa_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Medusa_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: MeeZee_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for MeeZee_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Megamind_249 Start: 144567, Stop: 145595, Start Num: 56

Candidate Starts for Megamind_249:

(Start: 56 @144567 has 172 MA's), (Start: 66 @144597 has 361 MA's), (71, 144609), (Start: 81 @144651 has 2 MA's), (98, 144714), (105, 144735), (Start: 134 @144819 has 1 MA's), (160, 144861), (164, 144873), (168, 144888), (189, 144957), (198, 144984), (218, 145038), (231, 145083), (232, 145086), (257, 145164), (264, 145185), (297, 145296), (319, 145386), (323, 145404), (356, 145476), (366, 145509),

Gene: Melissauren88_31 Start: 27668, Stop: 28666, Start Num: 59

Candidate Starts for Melissauren88_31:

(Start: 59 @27668 has 240 MA's), (Start: 81 @27743 has 2 MA's), (98, 27803), (105, 27824), (Start: 134 @27908 has 1 MA's), (164, 27959), (168, 27974), (198, 28070), (233, 28157), (236, 28181), (245, 28202), (260, 28241), (264, 28253), (276, 28301), (283, 28328), (292, 28352), (297, 28367), (323, 28475), (344, 28523), (368, 28592), (378, 28622),

Gene: Melpomini_247 Start: 143327, Stop: 144355, Start Num: 56

Candidate Starts for Melpomini_247:

(Start: 56 @143327 has 172 MA's), (Start: 66 @143357 has 361 MA's), (71, 143369), (Start: 81 @143411 has 2 MA's), (98, 143474), (105, 143495), (Start: 134 @143579 has 1 MA's), (160, 143621), (164, 143633), (168, 143648), (189, 143717), (198, 143744), (218, 143798), (231, 143843), (232, 143846), (257, 143924), (264, 143945), (297, 144056), (319, 144146), (323, 144164), (356, 144236), (366, 144269),

Gene: Melvin_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Melvin_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: MetalQZJ_10 Start: 6181, Stop: 7149, Start Num: 66

Candidate Starts for MetalQZJ_10:

(Start: 66 @6181 has 361 MA's), (Start: 75 @6214 has 5 MA's), (Start: 80 @6232 has 1 MA's), (Start: 81 @6235 has 2 MA's), (184, 6502), (198, 6553), (201, 6565), (233, 6640), (252, 6703), (258, 6715), (264, 6736), (267, 6748), (270, 6766), (276, 6784), (282, 6808), (297, 6847), (317, 6928), (323, 6952), (324, 6955), (325, 6958), (330, 6967), (365, 7054), (393, 7141),

Gene: Methuselah_12 Start: 6045, Stop: 7010, Start Num: 60

Candidate Starts for Methuselah_12:

(Start: 60 @6045 has 92 MA's), (Start: 75 @6090 has 5 MA's), (Start: 81 @6111 has 2 MA's), (123, 6231), (182, 6369), (198, 6426), (203, 6441), (236, 6522), (241, 6537), (250, 6555), (267, 6606), (270, 6624), (283, 6669), (308, 6765), (324, 6828), (341, 6867), (362, 6918),

Gene: MiaZeal_48 Start: 38897, Stop: 39901, Start Num: 66

Candidate Starts for MiaZeal_48:

(Start: 66 @38897 has 361 MA's), (Start: 81 @38951 has 2 MA's), (Start: 100 @39002 has 1 MA's), (124, 39074), (164, 39149), (198, 39263), (201, 39275), (214, 39308), (237, 39377), (241, 39389), (247, 39401), (249, 39404), (267, 39449), (270, 39467), (318, 39629), (321, 39644), (324, 39653), (401, 39854),

Gene: Michley_10 Start: 5929, Stop: 6897, Start Num: 66

Candidate Starts for Michley_10:

(Start: 66 @5929 has 361 MA's), (Start: 75 @5962 has 5 MA's), (Start: 80 @5980 has 1 MA's), (Start: 81 @5983 has 2 MA's), (184, 6250), (198, 6301), (201, 6313), (233, 6388), (252, 6451), (258, 6463), (264, 6484), (267, 6496), (270, 6514), (276, 6532), (282, 6556), (297, 6595), (317, 6676), (323, 6700),

(324, 6703), (325, 6706), (330, 6715), (365, 6802), (378, 6847), (393, 6889),

Gene: Microwolf_12 Start: 5963, Stop: 6928, Start Num: 60

Candidate Starts for Microwolf_12:

(Start: 60 @5963 has 92 MA's), (Start: 75 @6008 has 5 MA's), (Start: 81 @6029 has 2 MA's), (123, 6149), (182, 6287), (198, 6344), (203, 6359), (236, 6440), (241, 6455), (250, 6473), (267, 6524), (270, 6542), (283, 6587), (308, 6683), (324, 6746), (341, 6785), (362, 6836),

Gene: MiculUcigas_11 Start: 6484, Stop: 7461, Start Num: 66

Candidate Starts for MiculUcigas_11:

(Start: 66 @6484 has 361 MA's), (Start: 81 @6538 has 2 MA's), (108, 6595), (168, 6727), (182, 6775), (198, 6832), (211, 6868), (233, 6916), (241, 6955), (268, 7027), (270, 7042), (283, 7087), (288, 7105), (302, 7147), (308, 7195), (314, 7222), (319, 7237), (323, 7255), (324, 7258), (362, 7348),

Gene: MikeLiesIn_253 Start: 145703, Stop: 146731, Start Num: 56

Candidate Starts for MikeLiesIn_253:

(Start: 56 @145703 has 172 MA's), (Start: 66 @145733 has 361 MA's), (71, 145745), (Start: 81 @145787 has 2 MA's), (98, 145850), (105, 145871), (Start: 134 @145955 has 1 MA's), (160, 145997), (164, 146009), (168, 146024), (189, 146093), (198, 146120), (218, 146174), (231, 146219), (232, 146222), (257, 146300), (264, 146321), (297, 146432), (319, 146522), (323, 146540), (356, 146612), (366, 146645),

Gene: Miko_14 Start: 8100, Stop: 9086, Start Num: 66

Candidate Starts for Miko_14:

(Start: 66 @8100 has 361 MA's), (74, 8130), (Start: 80 @8151 has 1 MA's), (Start: 81 @8154 has 2 MA's), (91, 8187), (182, 8403), (198, 8460), (201, 8472), (209, 8493), (248, 8583), (270, 8649), (317, 8799), (322, 8820), (368, 8934), (392, 9006),

Gene: Mikro_246 Start: 146146, Stop: 147174, Start Num: 56

Candidate Starts for Mikro_246:

(Start: 56 @146146 has 172 MA's), (Start: 66 @146176 has 361 MA's), (71, 146188), (Start: 81 @146230 has 2 MA's), (98, 146293), (105, 146314), (Start: 134 @146398 has 1 MA's), (160, 146440), (164, 146452), (168, 146467), (189, 146536), (198, 146563), (218, 146617), (231, 146662), (232, 146665), (257, 146743), (264, 146764), (297, 146875), (319, 146965), (323, 146983), (356, 147055), (366, 147088),

Gene: MilanaBonita_25 Start: 23599, Stop: 24597, Start Num: 59

Candidate Starts for MilanaBonita_25:

(Start: 59 @23599 has 240 MA's), (Start: 81 @23674 has 2 MA's), (98, 23734), (105, 23755), (Start: 134 @23839 has 1 MA's), (164, 23890), (168, 23905), (198, 24001), (233, 24088), (236, 24112), (245, 24133), (260, 24172), (264, 24184), (276, 24232), (283, 24259), (292, 24283), (297, 24298), (323, 24406), (344, 24454), (368, 24523), (378, 24553),

Gene: Miley16_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Miley16_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: MilleniumForce_32 Start: 28460, Stop: 29458, Start Num: 59

Candidate Starts for MilleniumForce_32:

(Start: 59 @28460 has 240 MA's), (Start: 81 @28535 has 2 MA's), (98, 28595), (105, 28616), (Start: 134 @28700 has 1 MA's), (164, 28751), (168, 28766), (198, 28862), (236, 28973), (245, 28994), (260, 29033), (264, 29045), (276, 29093), (283, 29120), (292, 29144), (297, 29159), (323, 29267), (344, 29315), (368, 29384), (378, 29414),

Gene: Millski_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Millski_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Milly_29 Start: 24780, Stop: 25982, Start Num: 66

Candidate Starts for Milly_29:

(52, 24738), (Start: 66 @24780 has 361 MA's), (73, 24807), (79, 24828), (88, 24864), (98, 24885), (106, 24912), (126, 24972), (Start: 146 @25008 has 1 MA's), (160, 25041), (161, 25044), (170, 25074), (189, 25140), (201, 25179), (232, 25257), (243, 25302), (267, 25359), (270, 25377), (318, 25542), (323, 25563), (328, 25584), (337, 25662), (338, 25689), (339, 25704), (347, 25773), (366, 25830), (389, 25911),

Gene: Minerva_55 Start: 43973, Stop: 44845, Start Num: 86

Candidate Starts for Minerva_55:

(Start: 86 @43973 has 30 MA's), (Start: 100 @44000 has 1 MA's), (148, 44108), (Start: 157 @44129 has 2 MA's), (172, 44174), (180, 44195), (188, 44216), (205, 44270), (231, 44321), (245, 44372), (301, 44522), (331, 44630), (333, 44633), (341, 44657), (355, 44693), (360, 44708), (363, 44720), (367, 44741),

Gene: MiniLon_28 Start: 26618, Stop: 27661, Start Num: 66

Candidate Starts for MiniLon_28:

(Start: 66 @26618 has 361 MA's), (Start: 70 @26624 has 14 MA's), (Start: 75 @26651 has 5 MA's), (Start: 81 @26672 has 2 MA's), (Start: 100 @26723 has 1 MA's), (111, 26753), (128, 26804), (172, 26909), (197, 26990), (198, 26996), (213, 27038), (235, 27092), (239, 27110), (241, 27116), (245, 27122), (270, 27194), (286, 27251), (309, 27311), (327, 27386), (336, 27407), (343, 27431), (348, 27446), (350, 27452), (368, 27515), (404, 27617), (408, 27638), (410, 27644),

Gene: MiniMac_28 Start: 26619, Stop: 27662, Start Num: 66

Candidate Starts for MiniMac_28:

(Start: 66 @26619 has 361 MA's), (Start: 70 @26625 has 14 MA's), (Start: 75 @26652 has 5 MA's), (Start: 81 @26673 has 2 MA's), (Start: 100 @26724 has 1 MA's), (111, 26754), (128, 26805), (172, 26910), (197, 26991), (198, 26997), (213, 27039), (235, 27093), (239, 27111), (241, 27117), (245, 27123), (270, 27195), (286, 27252), (309, 27312), (327, 27387), (336, 27408), (343, 27432), (348, 27447), (350, 27453), (353, 27459), (368, 27516), (404, 27618), (408, 27639), (410, 27645), (411, 27654),

Gene: MinionDave_34 Start: 28679, Stop: 29695, Start Num: 59

Candidate Starts for MinionDave_34:

(25, 28448), (26, 28451), (28, 28499), (43, 28634), (46, 28643), (Start: 59 @28679 has 240 MA's), (93, 28811), (98, 28832), (105, 28853), (117, 28883), (119, 28895), (Start: 134 @28937 has 1 MA's), (164, 28988), (168, 29003), (198, 29099), (236, 29210), (245, 29231), (260, 29270), (264, 29282), (276, 29330), (283, 29357), (292, 29381), (297, 29396), (323, 29504), (344, 29552), (368, 29621), (378, 29651),

Gene: Minnie_33 Start: 28503, Stop: 29504, Start Num: 59

Candidate Starts for Minnie_33:

(Start: 59 @28503 has 240 MA's), (Start: 81 @28578 has 2 MA's), (88, 28611), (98, 28641), (105, 28662), (117, 28692), (119, 28704), (Start: 134 @28746 has 1 MA's), (150, 28770), (160, 28785), (164, 28797), (198, 28908), (237, 29022), (245, 29040), (260, 29079), (267, 29103), (276, 29139), (283, 29166), (297, 29205), (323, 29313), (344, 29361), (351, 29373), (366, 29418), (368, 29430), (378, 29460),

Gene: Miramae_10 Start: 5845, Stop: 6825, Start Num: 68

Candidate Starts for Miramae_10:

(Start: 68 @5845 has 108 MA's), (74, 5872), (Start: 80 @5893 has 1 MA's), (Start: 81 @5896 has 2 MA's), (182, 6145), (198, 6202), (201, 6214), (224, 6265), (234, 6286), (248, 6334), (270, 6391), (317, 6541), (368, 6676), (370, 6685), (392, 6742), (413, 6817),

Gene: Misha28_32 Start: 27407, Stop: 28408, Start Num: 59

Candidate Starts for Misha28_32:

(23, 27146), (34, 27308), (Start: 59 @27407 has 240 MA's), (Start: 81 @27482 has 2 MA's), (98, 27545), (105, 27566), (Start: 134 @27650 has 1 MA's), (150, 27674), (160, 27689), (164, 27701), (198, 27812), (237, 27926), (245, 27944), (260, 27983), (267, 28007), (276, 28043), (283, 28070), (297, 28109), (323, 28217), (344, 28265), (351, 28277), (368, 28334), (378, 28364),

Gene: Misomonster_14 Start: 6045, Stop: 7010, Start Num: 60

Candidate Starts for Misomonster_14:

(Start: 60 @6045 has 92 MA's), (Start: 75 @6090 has 5 MA's), (Start: 81 @6111 has 2 MA's), (123, 6231), (182, 6369), (198, 6426), (203, 6441), (236, 6522), (241, 6537), (250, 6555), (267, 6606), (270, 6624), (283, 6669), (308, 6765), (324, 6828), (362, 6918),

Gene: MisterCuddles_33 Start: 28455, Stop: 29525, Start Num: 59

Candidate Starts for MisterCuddles_33:

(40, 28404), (Start: 59 @28455 has 240 MA's), (Start: 66 @28476 has 361 MA's), (Start: 70 @28482 has 14 MA's), (Start: 75 @28509 has 5 MA's), (77, 28518), (94, 28578), (102, 28605), (124, 28671), (Start: 157 @28725 has 2 MA's), (170, 28767), (184, 28818), (206, 28902), (217, 28932), (226, 28965), (243, 29040), (252, 29061), (289, 29190), (308, 29262), (340, 29358), (344, 29370), (368, 29439), (387, 29496), (390, 29505),

Gene: MkaliMitinis3_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for MkaliMitinis3_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (123, 26477), (Start: 134 @26507 has 1 MA's), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (218, 26732), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: MmasiCarm_47 Start: 41519, Stop: 42583, Start Num: 50

Candidate Starts for MmasiCarm_47:

(Start: 50 @41519 has 44 MA's), (72, 41582), (94, 41663), (117, 41729), (120, 41744), (124, 41756), (135, 41783), (167, 41840), (170, 41849), (217, 41996), (223, 42011), (236, 42065), (251, 42098), (265, 42137), (268, 42149), (289, 42230), (297, 42248), (298, 42251), (308, 42296), (344, 42407), (382, 42518), (389, 42539), (402, 42572),

Gene: MoMoMixon_248 Start: 144662, Stop: 145690, Start Num: 56

Candidate Starts for MoMoMixon_248:

(Start: 56 @144662 has 172 MA's), (Start: 66 @144692 has 361 MA's), (71, 144704), (Start: 81 @144746 has 2 MA's), (98, 144809), (105, 144830), (Start: 134 @144914 has 1 MA's), (160, 144956), (164, 144968), (168, 144983), (189, 145052), (198, 145079), (218, 145133), (231, 145178), (232,

145181), (257, 145259), (264, 145280), (297, 145391), (319, 145481), (323, 145499), (356, 145571), (366, 145604),

Gene: Modragons_31 Start: 27572, Stop: 28573, Start Num: 59

Candidate Starts for Modragons_31:

(2, 26951), (6, 27029), (8, 27092), (11, 27131), (16, 27263), (19, 27284), (23, 27320), (34, 27473), (Start: 59 @27572 has 240 MA's), (Start: 66 @27593 has 361 MA's), (71, 27605), (Start: 81 @27647 has 2 MA's), (88, 27680), (98, 27710), (105, 27731), (Start: 134 @27815 has 1 MA's), (150, 27839), (160, 27854), (164, 27866), (198, 27977), (237, 28091), (245, 28109), (260, 28148), (267, 28172), (276, 28208), (283, 28235), (297, 28274), (323, 28382), (344, 28430), (351, 28442), (365, 28484), (366, 28487), (368, 28499), (378, 28529),

Gene: Molly_11 Start: 5789, Stop: 6757, Start Num: 66

Candidate Starts for Molly_11:

(Start: 66 @5789 has 361 MA's), (Start: 75 @5822 has 5 MA's), (Start: 80 @5840 has 1 MA's), (Start: 81 @5843 has 2 MA's), (184, 6110), (198, 6161), (201, 6173), (233, 6248), (252, 6311), (258, 6323), (264, 6344), (270, 6374), (276, 6392), (282, 6416), (297, 6455), (317, 6536), (323, 6560), (324, 6563), (325, 6566), (330, 6575), (365, 6662), (378, 6707), (393, 6749),

Gene: Momo_254 Start: 143793, Stop: 144821, Start Num: 56

Candidate Starts for Momo_254:

(Start: 56 @143793 has 172 MA's), (Start: 66 @143823 has 361 MA's), (71, 143835), (Start: 81 @143877 has 2 MA's), (98, 143940), (105, 143961), (Start: 134 @144045 has 1 MA's), (160, 144087), (164, 144099), (168, 144114), (189, 144183), (198, 144210), (218, 144264), (231, 144309), (232, 144312), (257, 144390), (264, 144411), (297, 144522), (319, 144612), (323, 144630), (356, 144702), (366, 144735),

Gene: Monet_11 Start: 6484, Stop: 7452, Start Num: 66

Candidate Starts for Monet_11:

(Start: 66 @6484 has 361 MA's), (Start: 75 @6517 has 5 MA's), (Start: 80 @6535 has 1 MA's), (184, 6805), (198, 6856), (201, 6868), (233, 6943), (252, 7006), (258, 7018), (264, 7039), (267, 7051), (270, 7069), (276, 7087), (282, 7111), (297, 7150), (317, 7231), (323, 7255), (324, 7258), (325, 7261), (330, 7270), (365, 7357), (370, 7381), (378, 7402), (393, 7444),

Gene: MoneyMay_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for MoneyMay_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: MontyDev_39 Start: 34993, Stop: 36042, Start Num: 56

Candidate Starts for MontyDev_39:

(Start: 56 @34993 has 172 MA's), (Start: 81 @35077 has 2 MA's), (84, 35086), (89, 35110), (98, 35140), (105, 35161), (118, 35197), (124, 35218), (128, 35227), (Start: 134 @35245 has 1 MA's), (170, 35314), (219, 35467), (244, 35566), (275, 35665), (294, 35719), (341, 35872), (353, 35896), (356, 35905), (367, 35947), (368, 35950), (369, 35956), (373, 35965), (386, 36001), (389, 36010), (396, 36019),

Gene: MooMoo_29 Start: 26730, Stop: 27749, Start Num: 59

Candidate Starts for MooMoo_29:

(Start: 59 @26730 has 240 MA's), (Start: 66 @26751 has 361 MA's), (Start: 70 @26757 has 14 MA's), (Start: 81 @26805 has 2 MA's), (98, 26868), (105, 26889), (Start: 134 @26973 has 1 MA's), (160, 27015), (161, 27018), (164, 27027), (182, 27084), (184, 27093), (198, 27138), (233, 27225), (241,

27264), (264, 27321), (270, 27351), (284, 27402), (297, 27432), (330, 27555), (347, 27597), (348, 27600), (357, 27624), (359, 27630), (360, 27636), (361, 27639), (366, 27660),

Gene: Moonbeam_32 Start: 28207, Stop: 29208, Start Num: 59

Candidate Starts for Moonbeam_32:

(Start: 59 @28207 has 240 MA's), (Start: 81 @28282 has 2 MA's), (88, 28315), (98, 28345), (101, 28354), (105, 28366), (Start: 134 @28450 has 1 MA's), (150, 28474), (160, 28489), (164, 28501), (198, 28612), (237, 28726), (245, 28744), (260, 28783), (267, 28807), (276, 28843), (283, 28870), (297, 28909), (323, 29017), (344, 29065), (351, 29077), (366, 29122), (368, 29134), (378, 29164),

Gene: Moose_9 Start: 6022, Stop: 6990, Start Num: 66

Candidate Starts for Moose_9:

(Start: 66 @6022 has 361 MA's), (Start: 75 @6055 has 5 MA's), (Start: 80 @6073 has 1 MA's), (Start: 81 @6076 has 2 MA's), (184, 6343), (198, 6394), (201, 6406), (233, 6481), (252, 6544), (264, 6577), (267, 6589), (270, 6607), (276, 6625), (282, 6649), (297, 6688), (317, 6769), (323, 6793), (324, 6796), (325, 6799), (330, 6808), (365, 6895), (378, 6940), (393, 6982),

Gene: Moostard_28 Start: 26853, Stop: 27896, Start Num: 66

Candidate Starts for Moostard_28:

(Start: 66 @26853 has 361 MA's), (Start: 70 @26859 has 14 MA's), (Start: 75 @26886 has 5 MA's), (Start: 81 @26907 has 2 MA's), (Start: 100 @26958 has 1 MA's), (128, 27039), (172, 27144), (197, 27225), (198, 27231), (235, 27327), (239, 27345), (241, 27351), (245, 27357), (270, 27429), (286, 27486), (309, 27546), (327, 27621), (336, 27642), (343, 27666), (348, 27681), (353, 27693), (368, 27750), (404, 27852), (408, 27873),

Gene: Mori_67 Start: 43460, Stop: 44500, Start Num: 59

Candidate Starts for Mori_67:

(Start: 59 @43460 has 240 MA's), (Start: 81 @43535 has 2 MA's), (98, 43616), (Start: 100 @43622 has 1 MA's), (105, 43637), (132, 43718), (Start: 134 @43721 has 1 MA's), (164, 43775), (168, 43790), (198, 43886), (212, 43925), (220, 43955), (231, 43985), (232, 43988), (238, 44021), (264, 44087), (273, 44126), (276, 44135), (283, 44162), (297, 44201), (355, 44375), (368, 44426),

Gene: Morizzled23_250 Start: 143609, Stop: 144637, Start Num: 56

Candidate Starts for Morizzled23_250:

(Start: 56 @143609 has 172 MA's), (Start: 66 @143639 has 361 MA's), (71, 143651), (Start: 81 @143693 has 2 MA's), (98, 143756), (105, 143777), (Start: 134 @143861 has 1 MA's), (160, 143903), (164, 143915), (168, 143930), (189, 143999), (198, 144026), (218, 144080), (231, 144125), (232, 144128), (233, 144131), (257, 144206), (264, 144227), (297, 144338), (319, 144428), (323, 144446), (356, 144518), (366, 144551),

Gene: Morpher26_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for Morpher26_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (198, 6247), (201, 6259), (213, 6289), (224, 6310), (234, 6331), (248, 6379), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: Morrow_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Morrow_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: Mortcellus_46 Start: 42171, Stop: 43235, Start Num: 50

Candidate Starts for Mortcellus_46:

(Start: 50 @42171 has 44 MA's), (72, 42234), (94, 42315), (117, 42381), (120, 42396), (124, 42408), (135, 42435), (167, 42492), (170, 42501), (217, 42648), (223, 42663), (236, 42717), (251, 42750), (265, 42789), (268, 42801), (289, 42882), (297, 42900), (298, 42903), (308, 42948), (344, 43059), (382, 43170), (389, 43191), (402, 43224),

Gene: Morty007_47 Start: 42315, Stop: 43379, Start Num: 50

Candidate Starts for Morty007_47:

(Start: 50 @42315 has 44 MA's), (72, 42378), (94, 42459), (117, 42525), (120, 42540), (124, 42552), (135, 42579), (167, 42636), (170, 42645), (217, 42792), (223, 42807), (236, 42861), (251, 42894), (265, 42933), (268, 42945), (289, 43026), (297, 43044), (298, 43047), (308, 43092), (344, 43203), (382, 43314), (389, 43335), (402, 43368),

Gene: Mova_32 Start: 27350, Stop: 28348, Start Num: 59

Candidate Starts for Mova_32:

(Start: 59 @27350 has 240 MA's), (Start: 81 @27425 has 2 MA's), (98, 27485), (105, 27506), (Start: 134 @27590 has 1 MA's), (164, 27641), (168, 27656), (198, 27752), (236, 27863), (245, 27884), (260, 27923), (264, 27935), (276, 27983), (283, 28010), (292, 28034), (297, 28049), (323, 28157), (344, 28205), (368, 28274), (378, 28304),

Gene: Mozy_33 Start: 28396, Stop: 29397, Start Num: 59

Candidate Starts for Mozy_33:

(39, 28342), (43, 28351), (Start: 59 @28396 has 240 MA's), (Start: 66 @28417 has 361 MA's), (Start: 81 @28471 has 2 MA's), (88, 28504), (98, 28534), (105, 28555), (Start: 134 @28639 has 1 MA's), (150, 28663), (160, 28678), (164, 28690), (198, 28801), (237, 28915), (245, 28933), (260, 28972), (267, 28996), (276, 29032), (283, 29059), (297, 29098), (308, 29146), (323, 29206), (344, 29254), (351, 29266), (366, 29311), (368, 29323), (378, 29353),

Gene: MrGordo_10 Start: 5741, Stop: 6709, Start Num: 66

Candidate Starts for MrGordo_10:

(Start: 66 @5741 has 361 MA's), (Start: 75 @5774 has 5 MA's), (Start: 80 @5792 has 1 MA's), (Start: 81 @5795 has 2 MA's), (160, 5984), (184, 6062), (189, 6080), (198, 6113), (201, 6125), (233, 6200), (252, 6263), (264, 6296), (270, 6326), (276, 6344), (282, 6368), (297, 6407), (317, 6488), (323, 6512), (324, 6515), (325, 6518), (330, 6527), (365, 6614), (378, 6659), (393, 6701),

Gene: MrMagoo_43 Start: 32893, Stop: 33870, Start Num: 62

Candidate Starts for MrMagoo_43:

(Start: 62 @32893 has 8 MA's), (72, 32920), (116, 33043), (129, 33073), (163, 33130), (166, 33139), (178, 33184), (182, 33196), (191, 33226), (198, 33250), (204, 33268), (214, 33295), (231, 33334), (240, 33373), (241, 33376), (274, 33463), (279, 33478), (326, 33631), (331, 33634), (335, 33643), (341, 33655), (344, 33664), (353, 33685), (361, 33706), (382, 33781),

Gene: Mryolo_9 Start: 5771, Stop: 6739, Start Num: 66

Candidate Starts for Mryolo_9:

(Start: 66 @5771 has 361 MA's), (Start: 75 @5804 has 5 MA's), (Start: 80 @5822 has 1 MA's), (Start: 81 @5825 has 2 MA's), (184, 6092), (198, 6143), (201, 6155), (233, 6230), (252, 6293), (264, 6326), (267, 6338), (270, 6356), (276, 6374), (282, 6398), (297, 6437), (317, 6518), (323, 6542), (324, 6545), (325, 6548), (330, 6557), (365, 6644), (393, 6731),

Gene: Ms6_25 Start: 23131, Stop: 24129, Start Num: 59

Candidate Starts for Ms6_25:

(Start: 59 @23131 has 240 MA's), (Start: 81 @23206 has 2 MA's), (98, 23266), (105, 23287), (Start: 134 @23371 has 1 MA's), (164, 23422), (168, 23437), (198, 23533), (236, 23644), (245, 23665), (260,

23704), (264, 23716), (276, 23764), (283, 23791), (292, 23815), (297, 23830), (323, 23938), (344, 23986), (368, 24055), (378, 24085),

Gene: MsGreen_28 Start: 26850, Stop: 27893, Start Num: 66

Candidate Starts for MsGreen_28:

(Start: 66 @26850 has 361 MA's), (Start: 70 @26856 has 14 MA's), (Start: 75 @26883 has 5 MA's), (Start: 81 @26904 has 2 MA's), (Start: 100 @26955 has 1 MA's), (128, 27036), (172, 27141), (197, 27222), (198, 27228), (235, 27324), (239, 27342), (241, 27348), (245, 27354), (270, 27426), (286, 27483), (309, 27543), (327, 27618), (336, 27639), (343, 27663), (348, 27678), (353, 27690), (368, 27747), (404, 27849), (408, 27870),

Gene: MuchMore_14 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for MuchMore_14:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: Mufasa_30 Start: 24878, Stop: 26089, Start Num: 66

Candidate Starts for Mufasa_30:

(1, 24167), (4, 24230), (5, 24254), (33, 24755), (35, 24776), (52, 24839), (Start: 66 @24878 has 361 MA's), (73, 24905), (79, 24926), (88, 24962), (106, 25007), (Start: 146 @25103 has 1 MA's), (160, 25136), (161, 25139), (170, 25169), (189, 25235), (201, 25274), (232, 25352), (243, 25397), (267, 25454), (270, 25472), (297, 25544), (318, 25637), (323, 25658), (328, 25679), (329, 25682), (338, 25796), (339, 25811), (347, 25880), (366, 25937), (389, 26018),

Gene: MulchSalad_30 Start: 24409, Stop: 25410, Start Num: 59

Candidate Starts for MulchSalad_30:

(Start: 42 @24364 has 2 MA's), (44, 24373), (Start: 59 @24409 has 240 MA's), (Start: 75 @24463 has 5 MA's), (Start: 81 @24484 has 2 MA's), (88, 24517), (98, 24547), (105, 24568), (Start: 134 @24652 has 1 MA's), (150, 24676), (160, 24691), (164, 24703), (198, 24814), (245, 24946), (260, 24985), (267, 25009), (276, 25045), (283, 25072), (292, 25096), (297, 25111), (323, 25219), (344, 25267), (368, 25336), (378, 25366),

Gene: Mule_10 Start: 6057, Stop: 7025, Start Num: 66

Candidate Starts for Mule_10:

(Start: 66 @6057 has 361 MA's), (Start: 75 @6090 has 5 MA's), (Start: 80 @6108 has 1 MA's), (Start: 81 @6111 has 2 MA's), (184, 6378), (198, 6429), (201, 6441), (233, 6516), (252, 6579), (258, 6591), (264, 6612), (267, 6624), (270, 6642), (276, 6660), (282, 6684), (297, 6723), (317, 6804), (323, 6828), (324, 6831), (325, 6834), (330, 6843), (365, 6930), (393, 7017),

Gene: Mundrea_10 Start: 5843, Stop: 6823, Start Num: 68

Candidate Starts for Mundrea_10:

(Start: 68 @5843 has 108 MA's), (74, 5870), (Start: 80 @5891 has 1 MA's), (Start: 81 @5894 has 2 MA's), (162, 6074), (182, 6143), (189, 6170), (198, 6200), (201, 6212), (213, 6242), (234, 6284), (236, 6305), (248, 6332), (265, 6362), (270, 6389), (272, 6395), (317, 6539), (368, 6674), (370, 6683), (392, 6740), (413, 6815),

Gene: Murai_68 Start: 43641, Stop: 44681, Start Num: 59

Candidate Starts for Murai_68:

(Start: 59 @43641 has 240 MA's), (Start: 81 @43716 has 2 MA's), (98, 43797), (Start: 100 @43803 has 1 MA's), (105, 43818), (132, 43899), (Start: 134 @43902 has 1 MA's), (164, 43956), (168, 43971), (198, 44067), (212, 44106), (220, 44136), (231, 44166), (232, 44169), (238, 44202), (264, 44268), (273, 44307), (276, 44316), (283, 44343), (297, 44382), (355, 44556), (368, 44607),

Gene: Museum_11 Start: 5573, Stop: 6541, Start Num: 66

Candidate Starts for Museum_11:

(Start: 66 @5573 has 361 MA's), (Start: 75 @5606 has 5 MA's), (Start: 80 @5624 has 1 MA's), (Start: 81 @5627 has 2 MA's), (184, 5894), (198, 5945), (201, 5957), (233, 6032), (252, 6095), (258, 6107), (264, 6128), (267, 6140), (270, 6158), (276, 6176), (282, 6200), (297, 6239), (317, 6320), (323, 6344), (324, 6347), (325, 6350), (330, 6359), (365, 6446), (393, 6533),

Gene: Mutaforma13_31 Start: 27781, Stop: 28782, Start Num: 59

Candidate Starts for Mutaforma13_31:

(Start: 59 @27781 has 240 MA's), (Start: 81 @27856 has 2 MA's), (88, 27889), (98, 27919), (105, 27940), (117, 27970), (119, 27982), (Start: 134 @28024 has 1 MA's), (150, 28048), (160, 28063), (164, 28075), (168, 28090), (198, 28186), (236, 28297), (245, 28318), (260, 28357), (264, 28369), (276, 28417), (283, 28444), (292, 28468), (297, 28483), (323, 28591), (344, 28639), (368, 28708), (378, 28738),

Gene: NEHalo_10 Start: 5583, Stop: 6551, Start Num: 66

Candidate Starts for NEHalo_10:

(Start: 66 @5583 has 361 MA's), (Start: 75 @5616 has 5 MA's), (Start: 80 @5634 has 1 MA's), (Start: 81 @5637 has 2 MA's), (184, 5904), (198, 5955), (201, 5967), (233, 6042), (252, 6105), (258, 6117), (264, 6138), (270, 6168), (276, 6186), (282, 6210), (297, 6249), (317, 6330), (323, 6354), (324, 6357), (325, 6360), (330, 6369), (365, 6456), (393, 6543),

Gene: NaSiaTalie_11 Start: 6481, Stop: 7458, Start Num: 66

Candidate Starts for NaSiaTalie_11:

(Start: 66 @6481 has 361 MA's), (Start: 81 @6535 has 2 MA's), (108, 6592), (168, 6724), (182, 6772), (198, 6829), (211, 6865), (233, 6913), (241, 6952), (268, 7024), (270, 7039), (283, 7084), (288, 7102), (302, 7144), (308, 7192), (314, 7219), (319, 7234), (323, 7252), (324, 7255), (362, 7345),

Gene: Naija_253 Start: 144496, Stop: 145524, Start Num: 56

Candidate Starts for Naija_253:

(Start: 56 @144496 has 172 MA's), (Start: 66 @144526 has 361 MA's), (71, 144538), (Start: 81 @144580 has 2 MA's), (98, 144643), (105, 144664), (Start: 134 @144748 has 1 MA's), (160, 144790), (164, 144802), (168, 144817), (189, 144886), (198, 144913), (218, 144967), (231, 145012), (232, 145015), (257, 145093), (264, 145114), (297, 145225), (319, 145315), (323, 145333), (356, 145405), (366, 145438),

Gene: Naira_10 Start: 5962, Stop: 6930, Start Num: 66

Candidate Starts for Naira_10:

(Start: 66 @5962 has 361 MA's), (Start: 75 @5995 has 5 MA's), (Start: 80 @6013 has 1 MA's), (Start: 81 @6016 has 2 MA's), (184, 6283), (198, 6334), (201, 6346), (233, 6421), (252, 6484), (264, 6517), (270, 6547), (297, 6628), (317, 6709), (323, 6733), (324, 6736), (325, 6739), (330, 6748), (365, 6835), (393, 6922),

Gene: Naji_14 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for Naji_14:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: Nanosmite_43 Start: 32726, Stop: 33703, Start Num: 62

Candidate Starts for Nanosmite_43:

(Start: 62 @32726 has 8 MA's), (72, 32753), (Start: 75 @32768 has 5 MA's), (178, 33017), (182, 33029), (198, 33083), (221, 33140), (231, 33167), (240, 33206), (241, 33209), (274, 33296), (279,

33311), (285, 33329), (326, 33464), (331, 33467), (341, 33488), (376, 33596), (392, 33638),

Gene: Napoleon13_249 Start: 143525, Stop: 144553, Start Num: 56

Candidate Starts for Napoleon13_249:

(Start: 56 @143525 has 172 MA's), (Start: 66 @143555 has 361 MA's), (71, 143567), (Start: 81 @143609 has 2 MA's), (98, 143672), (105, 143693), (Start: 134 @143777 has 1 MA's), (160, 143819), (164, 143831), (168, 143846), (189, 143915), (198, 143942), (218, 143996), (231, 144041), (232, 144044), (257, 144122), (264, 144143), (297, 144254), (319, 144344), (323, 144362), (356, 144434), (366, 144467),

Gene: Nappy_251 Start: 145602, Stop: 146630, Start Num: 56

Candidate Starts for Nappy_251:

(Start: 56 @145602 has 172 MA's), (Start: 66 @145632 has 361 MA's), (71, 145644), (Start: 81 @145686 has 2 MA's), (98, 145749), (105, 145770), (Start: 134 @145854 has 1 MA's), (160, 145896), (164, 145908), (168, 145923), (189, 145992), (198, 146019), (218, 146073), (231, 146118), (232, 146121), (257, 146199), (264, 146220), (297, 146331), (319, 146421), (323, 146439), (356, 146511), (366, 146544),

Gene: Naval22_257 Start: 146276, Stop: 147304, Start Num: 56

Candidate Starts for Naval22_257:

(Start: 56 @146276 has 172 MA's), (Start: 66 @146306 has 361 MA's), (71, 146318), (Start: 81 @146360 has 2 MA's), (98, 146423), (105, 146444), (Start: 134 @146528 has 1 MA's), (160, 146570), (164, 146582), (168, 146597), (189, 146666), (198, 146693), (218, 146747), (231, 146792), (232, 146795), (257, 146873), (264, 146894), (297, 147005), (319, 147095), (323, 147113), (356, 147185), (366, 147218),

Gene: Nebkiss_35 Start: 30289, Stop: 31287, Start Num: 59

Candidate Starts for Nebkiss_35:

(Start: 59 @30289 has 240 MA's), (Start: 81 @30364 has 2 MA's), (98, 30427), (105, 30448), (132, 30529), (Start: 134 @30532 has 1 MA's), (147, 30553), (150, 30556), (162, 30577), (168, 30598), (172, 30610), (178, 30628), (198, 30694), (258, 30856), (261, 30868), (264, 30877), (265, 30880), (267, 30889), (270, 30907), (282, 30949), (295, 30982), (297, 30985), (298, 30988), (308, 31033), (317, 31066), (322, 31087), (323, 31090), (324, 31093), (330, 31105), (344, 31138), (345, 31141), (351, 31150), (360, 31171), (365, 31192), (366, 31195), (368, 31207), (389, 31270), (394, 31279),

Gene: Nebs_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Nebs_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: NedWong_251 Start: 144954, Stop: 145982, Start Num: 56

Candidate Starts for NedWong_251:

(Start: 56 @144954 has 172 MA's), (Start: 66 @144984 has 361 MA's), (71, 144996), (Start: 81 @145038 has 2 MA's), (98, 145101), (105, 145122), (Start: 134 @145206 has 1 MA's), (160, 145248), (164, 145260), (168, 145275), (189, 145344), (198, 145371), (218, 145425), (231, 145470), (232, 145473), (257, 145551), (264, 145572), (297, 145683), (319, 145773), (323, 145791), (356, 145863), (366, 145896),

Gene: Nemo27_10 Start: 5931, Stop: 6860, Start Num: 81

Candidate Starts for Nemo27_10:

(Start: 68 @5880 has 108 MA's), (Start: 70 @5883 has 14 MA's), (74, 5907), (Start: 80 @5928 has 1 MA's), (Start: 81 @5931 has 2 MA's), (182, 6180), (198, 6237), (234, 6321), (236, 6342), (248, 6369),

(265, 6399), (270, 6426), (317, 6576), (363, 6687), (366, 6699), (368, 6711), (392, 6777),

Gene: Neos5_47 Start: 42330, Stop: 43394, Start Num: 50

Candidate Starts for Neos5_47:

(Start: 50 @42330 has 44 MA's), (72, 42393), (94, 42474), (117, 42540), (120, 42555), (124, 42567), (135, 42594), (167, 42651), (170, 42660), (217, 42807), (223, 42822), (236, 42876), (251, 42909), (265, 42948), (268, 42960), (289, 43041), (297, 43059), (298, 43062), (308, 43107), (344, 43218), (382, 43329), (389, 43350), (402, 43383),

Gene: Nerujay_11 Start: 6472, Stop: 7386, Start Num: 81

Candidate Starts for Nerujay_11:

(Start: 66 @6418 has 361 MA's), (Start: 75 @6451 has 5 MA's), (Start: 80 @6469 has 1 MA's), (Start: 81 @6472 has 2 MA's), (184, 6739), (198, 6790), (201, 6802), (233, 6877), (252, 6940), (264, 6973), (267, 6985), (270, 7003), (276, 7021), (282, 7045), (297, 7084), (317, 7165), (323, 7189), (324, 7192), (325, 7195), (330, 7204), (378, 7336), (393, 7378),

Gene: Netyap_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Netyap_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Ngannou_247 Start: 143478, Stop: 144506, Start Num: 56

Candidate Starts for Ngannou_247:

(Start: 56 @143478 has 172 MA's), (Start: 66 @143508 has 361 MA's), (71, 143520), (Start: 81 @143562 has 2 MA's), (98, 143625), (105, 143646), (Start: 134 @143730 has 1 MA's), (160, 143772), (164, 143784), (168, 143799), (189, 143868), (198, 143895), (218, 143949), (231, 143994), (232, 143997), (257, 144075), (264, 144096), (297, 144207), (319, 144297), (323, 144315), (356, 144387), (366, 144420),

Gene: Nhonho_10 Start: 5867, Stop: 6835, Start Num: 66

Candidate Starts for Nhonho_10:

(Start: 66 @5867 has 361 MA's), (Start: 75 @5900 has 5 MA's), (Start: 80 @5918 has 1 MA's), (Start: 81 @5921 has 2 MA's), (184, 6188), (198, 6239), (201, 6251), (233, 6326), (252, 6389), (264, 6422), (270, 6452), (276, 6470), (282, 6494), (297, 6533), (317, 6614), (323, 6638), (324, 6641), (325, 6644), (330, 6653), (365, 6740), (393, 6827),

Gene: Nicholas_28 Start: 26850, Stop: 27893, Start Num: 66

Candidate Starts for Nicholas_28:

(Start: 66 @26850 has 361 MA's), (Start: 70 @26856 has 14 MA's), (Start: 75 @26883 has 5 MA's), (Start: 81 @26904 has 2 MA's), (Start: 100 @26955 has 1 MA's), (128, 27036), (172, 27141), (197, 27222), (198, 27228), (235, 27324), (239, 27342), (241, 27348), (245, 27354), (270, 27426), (286, 27483), (309, 27543), (327, 27618), (336, 27639), (343, 27663), (348, 27678), (353, 27690), (368, 27747), (404, 27849), (408, 27870),

Gene: Nicholasp3_28 Start: 26305, Stop: 27276, Start Num: 66

Candidate Starts for Nicholasp3_28:

(Start: 66 @26305 has 361 MA's), (Start: 81 @26359 has 2 MA's), (123, 26479), (Start: 134 @26509 has 1 MA's), (Start: 146 @26524 has 1 MA's), (160, 26557), (161, 26560), (164, 26569), (170, 26590), (189, 26653), (198, 26680), (205, 26704), (218, 26734), (237, 26785), (241, 26797), (268, 26860), (270, 26875), (287, 26935), (298, 26950), (318, 27031), (323, 27049), (324, 27052), (325, 27055),

(351, 27106), (366, 27151), (378, 27193), (398, 27235),

Gene: NicoleTera_15 Start: 8178, Stop: 9164, Start Num: 66

Candidate Starts for NicoleTera_15:

(Start: 66 @8178 has 361 MA's), (73, 8205), (74, 8208), (Start: 75 @8211 has 5 MA's), (Start: 81 @8232 has 2 MA's), (178, 8469), (182, 8481), (198, 8538), (201, 8550), (205, 8562), (231, 8616), (267, 8709), (270, 8727), (317, 8877), (347, 8952), (358, 8970), (368, 9012), (392, 9084),

Gene: Nidhogg_253 Start: 145322, Stop: 146350, Start Num: 56

Candidate Starts for Nidhogg_253:

(Start: 56 @145322 has 172 MA's), (Start: 66 @145352 has 361 MA's), (71, 145364), (Start: 81 @145406 has 2 MA's), (98, 145469), (105, 145490), (Start: 134 @145574 has 1 MA's), (160, 145616), (164, 145628), (168, 145643), (189, 145712), (198, 145739), (218, 145793), (231, 145838), (232, 145841), (257, 145919), (264, 145940), (297, 146051), (319, 146141), (323, 146159), (356, 146231), (366, 146264),

Gene: NiebruSaylor_66 Start: 42848, Stop: 43888, Start Num: 59

Candidate Starts for NiebruSaylor_66:

(Start: 59 @42848 has 240 MA's), (Start: 81 @42923 has 2 MA's), (98, 43004), (Start: 100 @43010 has 1 MA's), (105, 43025), (132, 43106), (Start: 134 @43109 has 1 MA's), (164, 43163), (168, 43178), (198, 43274), (212, 43313), (220, 43343), (231, 43373), (232, 43376), (238, 43409), (264, 43475), (273, 43514), (276, 43523), (283, 43550), (297, 43589), (355, 43763), (368, 43814),

Gene: NihilNomen_48 Start: 42652, Stop: 43518, Start Num: 86

Candidate Starts for NihilNomen_48:

(Start: 86 @42652 has 30 MA's), (Start: 100 @42679 has 1 MA's), (106, 42700), (148, 42787), (Start: 157 @42808 has 2 MA's), (172, 42853), (180, 42874), (188, 42895), (205, 42949), (231, 43000), (245, 43051), (301, 43201), (311, 43243), (323, 43294), (333, 43312), (358, 43378), (361, 43390), (363, 43399), (369, 43429), (391, 43492),

Gene: Nilo_40 Start: 35349, Stop: 36398, Start Num: 56

Candidate Starts for Nilo_40:

(Start: 56 @35349 has 172 MA's), (Start: 81 @35433 has 2 MA's), (84, 35442), (89, 35466), (98, 35496), (105, 35517), (118, 35553), (124, 35574), (128, 35583), (Start: 134 @35601 has 1 MA's), (170, 35670), (195, 35760), (210, 35802), (219, 35823), (244, 35922), (256, 35949), (275, 36021), (294, 36075), (340, 36225), (353, 36252), (356, 36261), (367, 36303), (368, 36306), (369, 36312), (373, 36321), (386, 36357), (389, 36366), (396, 36375),

Gene: Nimbo_31 Start: 27524, Stop: 28525, Start Num: 59

Candidate Starts for Nimbo_31:

(34, 27425), (Start: 59 @27524 has 240 MA's), (Start: 66 @27545 has 361 MA's), (71, 27557), (Start: 81 @27599 has 2 MA's), (98, 27662), (105, 27683), (Start: 134 @27767 has 1 MA's), (150, 27791), (160, 27806), (164, 27818), (198, 27929), (237, 28043), (245, 28061), (260, 28100), (267, 28124), (276, 28160), (283, 28187), (297, 28226), (308, 28274), (323, 28334), (344, 28382), (351, 28394), (366, 28439), (368, 28451),

Gene: Nitzel_32 Start: 28239, Stop: 29240, Start Num: 59

Candidate Starts for Nitzel_32:

(34, 28140), (Start: 59 @28239 has 240 MA's), (Start: 66 @28260 has 361 MA's), (71, 28272), (Start: 81 @28314 has 2 MA's), (88, 28347), (98, 28377), (105, 28398), (Start: 134 @28482 has 1 MA's), (150, 28506), (160, 28521), (164, 28533), (198, 28644), (237, 28758), (245, 28776), (260, 28815), (267, 28839), (276, 28875), (283, 28902), (297, 28941), (323, 29049), (344, 29097), (351, 29109), (365, 29151), (366, 29154), (368, 29166), (378, 29196),

Gene: Nivrat_31 Start: 27671, Stop: 28672, Start Num: 59

Candidate Starts for Nivrat_31:

(Start: 59 @27671 has 240 MA's), (Start: 66 @27692 has 361 MA's), (71, 27704), (Start: 81 @27746 has 2 MA's), (98, 27809), (105, 27830), (117, 27860), (Start: 134 @27914 has 1 MA's), (150, 27938), (160, 27953), (164, 27965), (198, 28076), (237, 28190), (245, 28208), (260, 28247), (267, 28271), (276, 28307), (283, 28334), (297, 28373), (308, 28421), (323, 28481), (351, 28541), (368, 28598), (378, 28628),

Gene: Niza_11 Start: 6593, Stop: 7561, Start Num: 66

Candidate Starts for Niza_11:

(Start: 66 @6593 has 361 MA's), (Start: 75 @6626 has 5 MA's), (Start: 80 @6644 has 1 MA's), (Start: 81 @6647 has 2 MA's), (184, 6914), (198, 6965), (201, 6977), (233, 7052), (252, 7115), (258, 7127), (264, 7148), (267, 7160), (270, 7178), (276, 7196), (282, 7220), (297, 7259), (317, 7340), (323, 7364), (324, 7367), (325, 7370), (330, 7379), (365, 7466), (393, 7553),

Gene: NoShow_27 Start: 24413, Stop: 25492, Start Num: 48

Candidate Starts for NoShow_27:

(31, 24296), (Start: 48 @24413 has 3 MA's), (53, 24425), (57, 24428), (95, 24560), (106, 24599), (145, 24701), (151, 24707), (165, 24755), (176, 24797), (187, 24833), (192, 24851), (193, 24857), (223, 24944), (227, 24950), (238, 25004), (250, 25031), (254, 25046), (276, 25118), (280, 25136), (304, 25211), (341, 25316), (347, 25334), (356, 25349), (361, 25361), (372, 25409), (399, 25478),

Gene: Noella_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Noella_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Noelle_10 Start: 5947, Stop: 6927, Start Num: 68

Candidate Starts for Noelle_10:

(Start: 68 @5947 has 108 MA's), (Start: 70 @5950 has 14 MA's), (74, 5974), (Start: 80 @5995 has 1 MA's), (Start: 81 @5998 has 2 MA's), (182, 6247), (184, 6256), (198, 6304), (234, 6388), (242, 6424), (248, 6436), (264, 6463), (265, 6466), (270, 6493), (317, 6643), (366, 6766), (368, 6778), (370, 6787), (392, 6844), (413, 6919),

Gene: NoodleTree_248 Start: 140073, Stop: 141101, Start Num: 56

Candidate Starts for NoodleTree_248:

(Start: 56 @140073 has 172 MA's), (Start: 66 @140103 has 361 MA's), (71, 140115), (Start: 81 @140157 has 2 MA's), (98, 140220), (105, 140241), (Start: 134 @140325 has 1 MA's), (160, 140367), (164, 140379), (168, 140394), (189, 140463), (198, 140490), (218, 140544), (231, 140589), (232, 140592), (257, 140670), (264, 140691), (297, 140802), (319, 140892), (323, 140910), (356, 140982), (366, 141015),

Gene: Norbert_10 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Norbert_10:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Norm_252 Start: 145223, Stop: 146251, Start Num: 56

Candidate Starts for Norm_252:

(Start: 56 @145223 has 172 MA's), (Start: 66 @145253 has 361 MA's), (71, 145265), (Start: 81 @145307 has 2 MA's), (98, 145370), (105, 145391), (Start: 134 @145475 has 1 MA's), (160, 145517), (164, 145529), (168, 145544), (189, 145613), (198, 145640), (218, 145694), (231, 145739), (232, 145742), (257, 145820), (264, 145841), (297, 145952), (319, 146042), (323, 146060), (356, 146132), (366, 146165),

Gene: NormanBulbieJr_31 Start: 27686, Stop: 28687, Start Num: 59

Candidate Starts for NormanBulbieJr_31:

(Start: 59 @27686 has 240 MA's), (Start: 66 @27707 has 361 MA's), (71, 27719), (Start: 81 @27761 has 2 MA's), (98, 27824), (105, 27845), (117, 27875), (Start: 134 @27929 has 1 MA's), (150, 27953), (160, 27968), (164, 27980), (198, 28091), (237, 28205), (245, 28223), (260, 28262), (267, 28286), (276, 28322), (283, 28349), (297, 28388), (308, 28436), (323, 28496), (351, 28556), (368, 28613), (378, 28643),

Gene: NorthStar_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for NorthStar_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Norz_12 Start: 6730, Stop: 7698, Start Num: 66

Candidate Starts for Norz_12:

(Start: 66 @6730 has 361 MA's), (Start: 75 @6763 has 5 MA's), (Start: 80 @6781 has 1 MA's), (Start: 81 @6784 has 2 MA's), (184, 7051), (198, 7102), (201, 7114), (233, 7189), (252, 7252), (264, 7285), (270, 7315), (276, 7333), (282, 7357), (297, 7396), (317, 7477), (323, 7501), (324, 7504), (325, 7507), (330, 7516), (331, 7519), (365, 7603), (378, 7648), (393, 7690),

Gene: NotAPhaseMom_10 Start: 5885, Stop: 6865, Start Num: 68

Candidate Starts for NotAPhaseMom_10:

(Start: 68 @5885 has 108 MA's), (Start: 70 @5888 has 14 MA's), (74, 5912), (Start: 80 @5933 has 1 MA's), (Start: 81 @5936 has 2 MA's), (182, 6185), (198, 6242), (234, 6326), (236, 6347), (248, 6374), (265, 6404), (270, 6431), (317, 6581), (363, 6692), (366, 6704), (368, 6716), (392, 6782),

Gene: NothingSpecial_13 Start: 8456, Stop: 9436, Start Num: 66

Candidate Starts for NothingSpecial_13:

(Start: 66 @8456 has 361 MA's), (Start: 81 @8510 has 2 MA's), (147, 8678), (198, 8831), (203, 8846), (233, 8915), (236, 8939), (241, 8954), (267, 9023), (270, 9041), (308, 9185), (324, 9248), (340, 9284), (341, 9287), (360, 9329),

Gene: Nozo_47 Start: 42295, Stop: 43359, Start Num: 50

Candidate Starts for Nozo_47:

(Start: 50 @42295 has 44 MA's), (72, 42358), (94, 42439), (117, 42505), (120, 42520), (124, 42532), (135, 42559), (167, 42616), (170, 42625), (217, 42772), (223, 42787), (236, 42841), (251, 42874), (265, 42913), (268, 42925), (289, 43006), (297, 43024), (298, 43027), (308, 43072), (344, 43183), (382, 43294), (389, 43315), (402, 43348),

Gene: NuevoMundo_254 Start: 145709, Stop: 146737, Start Num: 56

Candidate Starts for NuevoMundo_254:

(Start: 56 @145709 has 172 MA's), (Start: 66 @145739 has 361 MA's), (Start: 81 @145793 has 2 MA's), (98, 145856), (105, 145877), (Start: 134 @145961 has 1 MA's), (160, 146003), (164, 146015), (168, 146030), (189, 146099), (198, 146126), (218, 146180), (231, 146225), (232, 146228), (257, 146306), (264, 146327), (297, 146438), (319, 146528), (323, 146546), (356, 146618), (366, 146651),

Gene: Nyxis_10 Start: 5824, Stop: 6807, Start Num: 66

Candidate Starts for Nyxis_10:

(Start: 66 @5824 has 361 MA's), (Start: 80 @5875 has 1 MA's), (Start: 81 @5878 has 2 MA's), (132, 6013), (Start: 152 @6037 has 17 MA's), (182, 6127), (198, 6184), (224, 6247), (234, 6268), (236, 6289), (248, 6316), (270, 6373), (317, 6523), (366, 6646), (368, 6658), (406, 6769),

Gene: OKCentral2016_10 Start: 5411, Stop: 6385, Start Num: 66

Candidate Starts for OKCentral2016_10:

(53, 5372), (Start: 66 @5411 has 361 MA's), (Start: 81 @5465 has 2 MA's), (136, 5618), (198, 5780), (203, 5795), (211, 5816), (233, 5864), (236, 5888), (238, 5894), (241, 5903), (267, 5972), (270, 5990), (283, 6035), (288, 6053), (308, 6131), (314, 6158), (319, 6173), (324, 6194), (362, 6284), (372, 6326), (396, 6377),

Gene: OKaNui_10 Start: 5646, Stop: 6626, Start Num: 68

Candidate Starts for OKaNui_10:

(Start: 68 @5646 has 108 MA's), (Start: 70 @5649 has 14 MA's), (74, 5673), (Start: 80 @5694 has 1 MA's), (Start: 81 @5697 has 2 MA's), (182, 5946), (198, 6003), (234, 6087), (236, 6108), (248, 6135), (265, 6165), (270, 6192), (317, 6342), (363, 6453), (366, 6465), (368, 6477), (392, 6543),

Gene: Obama12_10 Start: 5860, Stop: 6840, Start Num: 68

Candidate Starts for Obama12_10:

(Start: 68 @5860 has 108 MA's), (74, 5887), (Start: 80 @5908 has 1 MA's), (Start: 81 @5911 has 2 MA's), (182, 6160), (198, 6217), (201, 6229), (224, 6280), (234, 6301), (248, 6349), (270, 6406), (317, 6556), (366, 6679), (368, 6691), (392, 6757),

Gene: Obutu_47 Start: 41519, Stop: 42583, Start Num: 50

Candidate Starts for Obutu_47:

(Start: 50 @41519 has 44 MA's), (72, 41582), (94, 41663), (117, 41729), (120, 41744), (124, 41756), (135, 41783), (167, 41840), (170, 41849), (217, 41996), (223, 42011), (236, 42065), (251, 42098), (265, 42137), (268, 42149), (289, 42230), (297, 42248), (298, 42251), (344, 42407), (382, 42518), (389, 42539), (402, 42572),

Gene: Ochi17_29 Start: 27179, Stop: 28180, Start Num: 59

Candidate Starts for Ochi17_29:

(2, 26558), (6, 26636), (8, 26699), (11, 26738), (16, 26870), (19, 26891), (23, 26927), (34, 27080), (Start: 59 @27179 has 240 MA's), (Start: 66 @27200 has 361 MA's), (71, 27212), (Start: 81 @27254 has 2 MA's), (88, 27287), (98, 27317), (105, 27338), (Start: 134 @27422 has 1 MA's), (150, 27446), (160, 27461), (164, 27473), (198, 27584), (237, 27698), (245, 27716), (260, 27755), (267, 27779), (276, 27815), (283, 27842), (297, 27881), (323, 27989), (344, 28037), (351, 28049), (365, 28091), (366, 28094), (368, 28106), (378, 28136),

Gene: Odette_49 Start: 41912, Stop: 42757, Start Num: 100

Candidate Starts for Odette_49:

(Start: 86 @41885 has 30 MA's), (Start: 100 @41912 has 1 MA's), (123, 41972), (148, 42020), (172, 42086), (180, 42107), (188, 42128), (205, 42182), (236, 42263), (331, 42542), (333, 42545), (341, 42569), (355, 42605), (360, 42620), (363, 42632), (367, 42653),

Gene: OfUltron_31 Start: 27728, Stop: 28729, Start Num: 59

Candidate Starts for OfUltron_31:

(2, 27107), (6, 27185), (8, 27248), (11, 27287), (16, 27419), (19, 27440), (23, 27476), (34, 27629), (Start: 59 @27728 has 240 MA's), (Start: 66 @27749 has 361 MA's), (71, 27761), (Start: 81 @27803 has 2 MA's), (88, 27836), (98, 27866), (105, 27887), (Start: 134 @27971 has 1 MA's), (150, 27995),

(160, 28010), (164, 28022), (198, 28133), (237, 28247), (245, 28265), (260, 28304), (267, 28328), (276, 28364), (283, 28391), (297, 28430), (323, 28538), (344, 28586), (351, 28598), (365, 28640), (366, 28643), (368, 28655), (378, 28685),

Gene: Ogotogo_31 Start: 26878, Stop: 27879, Start Num: 59

Candidate Starts for Ogotogo_31:

(Start: 59 @26878 has 240 MA's), (Start: 81 @26953 has 2 MA's), (88, 26986), (98, 27016), (105, 27037), (117, 27067), (Start: 134 @27121 has 1 MA's), (150, 27145), (160, 27160), (164, 27172), (198, 27283), (237, 27397), (245, 27415), (260, 27454), (267, 27478), (276, 27514), (283, 27541), (292, 27565), (297, 27580), (323, 27688), (344, 27736), (368, 27805), (378, 27835),

Gene: OhShagHennessy_26 Start: 25512, Stop: 26543, Start Num: 54

Candidate Starts for OhShagHennessy_26:

(Start: 54 @25512 has 27 MA's), (104, 25668), (115, 25692), (118, 25704), (122, 25722), (129, 25740), (136, 25758), (139, 25764), (144, 25773), (156, 25788), (161, 25803), (174, 25851), (182, 25875), (198, 25932), (212, 25971), (238, 26049), (241, 26058), (243, 26061), (250, 26076), (266, 26130), (270, 26151), (274, 26166), (301, 26250), (308, 26280), (324, 26349), (330, 26361), (341, 26385), (347, 26403), (351, 26406), (356, 26418), (358, 26421), (366, 26451), (368, 26463),

Gene: Ohfah_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Ohfah_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: Ohno789_9 Start: 5411, Stop: 6379, Start Num: 66

Candidate Starts for Ohno789_9:

(Start: 66 @5411 has 361 MA's), (Start: 75 @5444 has 5 MA's), (Start: 80 @5462 has 1 MA's), (Start: 81 @5465 has 2 MA's), (184, 5732), (198, 5783), (201, 5795), (233, 5870), (252, 5933), (258, 5945), (264, 5966), (270, 5996), (276, 6014), (297, 6077), (317, 6158), (323, 6182), (324, 6185), (325, 6188), (330, 6197), (365, 6284), (393, 6371),

Gene: Oksu_32 Start: 27572, Stop: 28573, Start Num: 59

Candidate Starts for Oksu_32:

(2, 26951), (6, 27029), (8, 27092), (11, 27131), (16, 27263), (19, 27284), (23, 27320), (34, 27473), (Start: 59 @27572 has 240 MA's), (Start: 66 @27593 has 361 MA's), (71, 27605), (Start: 81 @27647 has 2 MA's), (88, 27680), (98, 27710), (105, 27731), (Start: 134 @27815 has 1 MA's), (150, 27839), (160, 27854), (164, 27866), (198, 27977), (237, 28091), (245, 28109), (260, 28148), (267, 28172), (276, 28208), (283, 28235), (297, 28274), (323, 28382), (344, 28430), (351, 28442), (365, 28484), (366, 28487), (368, 28499), (378, 28529),

Gene: OlanP_12 Start: 6213, Stop: 7178, Start Num: 60

Candidate Starts for OlanP_12:

(Start: 60 @6213 has 92 MA's), (Start: 81 @6279 has 2 MA's), (102, 6333), (128, 6411), (182, 6534), (198, 6591), (233, 6663), (241, 6702), (250, 6720), (270, 6789), (303, 6906), (308, 6933), (324, 6996), (362, 7086), (364, 7092),

Gene: OldBen_31 Start: 27554, Stop: 28555, Start Num: 59

Candidate Starts for OldBen_31:

(Start: 59 @27554 has 240 MA's), (Start: 81 @27629 has 2 MA's), (88, 27662), (98, 27692), (105, 27713), (Start: 134 @27797 has 1 MA's), (150, 27821), (160, 27836), (164, 27848), (198, 27959), (237, 28073), (245, 28091), (260, 28130), (267, 28154), (276, 28190), (283, 28217), (297, 28256), (323, 28364), (351, 28424), (368, 28481), (378, 28511),

Gene: Ollie_12 Start: 5833, Stop: 6798, Start Num: 60

Candidate Starts for Ollie_12:

(Start: 60 @5833 has 92 MA's), (Start: 75 @5878 has 5 MA's), (Start: 81 @5899 has 2 MA's), (123, 6019), (182, 6157), (198, 6214), (203, 6229), (236, 6310), (241, 6325), (250, 6343), (266, 6391), (268, 6397), (270, 6412), (308, 6553), (324, 6616), (341, 6655), (362, 6706),

Gene: OlympiaSaint_31 Start: 27970, Stop: 28971, Start Num: 59

Candidate Starts for OlympiaSaint_31:

(Start: 59 @27970 has 240 MA's), (Start: 81 @28045 has 2 MA's), (88, 28078), (98, 28108), (105, 28129), (117, 28159), (119, 28171), (Start: 134 @28213 has 1 MA's), (150, 28237), (160, 28252), (164, 28264), (198, 28375), (237, 28489), (245, 28507), (260, 28546), (267, 28570), (276, 28606), (297, 28672), (323, 28780), (344, 28828), (351, 28840), (366, 28885), (368, 28897), (378, 28927),

Gene: Omega_53 Start: 43678, Stop: 44550, Start Num: 86

Candidate Starts for Omega_53:

(38, 43507), (Start: 86 @43678 has 30 MA's), (Start: 100 @43705 has 1 MA's), (123, 43765), (Start: 157 @43834 has 2 MA's), (170, 43873), (172, 43879), (188, 43921), (205, 43975), (236, 44056), (279, 44179), (297, 44206), (331, 44335), (333, 44338), (355, 44398), (360, 44413), (363, 44425), (367, 44446), (370, 44458), (391, 44518),

Gene: Onyinye_47 Start: 36542, Stop: 37423, Start Num: 96

Candidate Starts for Onyinye_47:

(Start: 96 @36542 has 3 MA's), (133, 36638), (138, 36644), (172, 36728), (175, 36740), (207, 36842), (236, 36920), (245, 36941), (285, 37064), (300, 37103), (311, 37148), (333, 37217), (350, 37268), (355, 37277), (359, 37286), (374, 37346), (385, 37382),

Gene: Oogway_9 Start: 6003, Stop: 6971, Start Num: 66

Candidate Starts for Oogway_9:

(Start: 66 @6003 has 361 MA's), (Start: 75 @6036 has 5 MA's), (Start: 80 @6054 has 1 MA's), (Start: 81 @6057 has 2 MA's), (184, 6324), (198, 6375), (201, 6387), (233, 6462), (252, 6525), (258, 6537), (264, 6558), (267, 6570), (270, 6588), (276, 6606), (282, 6630), (297, 6669), (317, 6750), (323, 6774), (324, 6777), (325, 6780), (330, 6789), (365, 6876), (393, 6963),

Gene: Optimus_54 Start: 43558, Stop: 44430, Start Num: 86

Candidate Starts for Optimus_54:

(Start: 86 @43558 has 30 MA's), (Start: 100 @43585 has 1 MA's), (123, 43645), (148, 43693), (172, 43759), (180, 43780), (188, 43801), (205, 43855), (236, 43936), (331, 44215), (333, 44218), (341, 44242), (355, 44278), (360, 44293), (363, 44305), (367, 44326),

Gene: OrangeOswald_47 Start: 41536, Stop: 42600, Start Num: 50

Candidate Starts for OrangeOswald_47:

(Start: 50 @41536 has 44 MA's), (72, 41599), (94, 41680), (117, 41746), (120, 41761), (124, 41773), (135, 41800), (167, 41857), (170, 41866), (217, 42013), (223, 42028), (236, 42082), (251, 42115), (265, 42154), (268, 42166), (289, 42247), (297, 42265), (298, 42268), (308, 42313), (344, 42424), (382, 42535), (389, 42556), (402, 42589),

Gene: Ovechkin_32 Start: 28427, Stop: 29497, Start Num: 59

Candidate Starts for Ovechkin_32:

(40, 28376), (Start: 59 @28427 has 240 MA's), (Start: 70 @28454 has 14 MA's), (Start: 75 @28481 has 5 MA's), (77, 28490), (94, 28550), (102, 28577), (124, 28643), (Start: 157 @28697 has 2 MA's), (170, 28739), (184, 28790), (217, 28904), (226, 28937), (243, 29012), (252, 29033), (289, 29162), (308, 29234), (340, 29330), (344, 29342), (368, 29411), (387, 29468), (390, 29477),

Gene: OwlsT2W_32 Start: 27949, Stop: 28950, Start Num: 59

Candidate Starts for OwlsT2W_32:

(Start: 59 @27949 has 240 MA's), (Start: 81 @28024 has 2 MA's), (88, 28057), (98, 28087), (105, 28108), (Start: 134 @28192 has 1 MA's), (164, 28243), (168, 28258), (198, 28354), (236, 28465), (245, 28486), (260, 28525), (264, 28537), (276, 28585), (283, 28612), (292, 28636), (297, 28651), (323, 28759), (344, 28807), (368, 28876), (378, 28906),

Gene: P28Green_12 Start: 5961, Stop: 6926, Start Num: 60

Candidate Starts for P28Green_12:

(Start: 60 @5961 has 92 MA's), (Start: 75 @6006 has 5 MA's), (Start: 81 @6027 has 2 MA's), (123, 6147), (198, 6342), (203, 6357), (236, 6438), (241, 6453), (250, 6471), (267, 6522), (270, 6540), (283, 6585), (308, 6681), (324, 6744), (341, 6783), (362, 6834),

Gene: PGHhamlin_14 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for PGHhamlin_14:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: PHappiness_31 Start: 27497, Stop: 28498, Start Num: 59

Candidate Starts for PHappiness_31:

(34, 27398), (Start: 59 @27497 has 240 MA's), (Start: 66 @27518 has 361 MA's), (71, 27530), (Start: 81 @27572 has 2 MA's), (98, 27635), (105, 27656), (Start: 134 @27740 has 1 MA's), (150, 27764), (160, 27779), (164, 27791), (198, 27902), (237, 28016), (245, 28034), (260, 28073), (267, 28097), (276, 28133), (283, 28160), (297, 28199), (308, 28247), (323, 28307), (344, 28355), (351, 28367), (366, 28412), (368, 28424),

Gene: PMC_31 Start: 27499, Stop: 28500, Start Num: 59

Candidate Starts for PMC_31:

(23, 27247), (34, 27400), (Start: 59 @27499 has 240 MA's), (Start: 66 @27520 has 361 MA's), (71, 27532), (Start: 81 @27574 has 2 MA's), (98, 27637), (105, 27658), (117, 27688), (Start: 134 @27742 has 1 MA's), (150, 27766), (164, 27793), (198, 27904), (237, 28018), (245, 28036), (260, 28075), (267, 28099), (276, 28135), (283, 28162), (297, 28201), (308, 28249), (323, 28309), (351, 28369), (368, 28426), (378, 28456),

Gene: PP_20 Start: 11682, Stop: 12425, Start Num: 157

Candidate Starts for PP_20:

(Start: 157 @11682 has 2 MA's), (168, 11718), (182, 11766), (198, 11823), (203, 11838), (237, 11922), (238, 11925), (250, 11952), (270, 12021), (288, 12084), (303, 12135), (308, 12162), (314, 12189), (319, 12204), (323, 12222), (324, 12225), (327, 12234), (330, 12243), (345, 12279), (362, 12318),

Gene: PSullivan_11 Start: 6545, Stop: 7459, Start Num: 81

Candidate Starts for PSullivan_11:

(Start: 66 @6491 has 361 MA's), (Start: 75 @6524 has 5 MA's), (Start: 80 @6542 has 1 MA's), (Start: 81 @6545 has 2 MA's), (184, 6812), (198, 6863), (201, 6875), (233, 6950), (252, 7013), (258, 7025), (264, 7046), (270, 7076), (276, 7094), (282, 7118), (297, 7157), (317, 7238), (323, 7262), (324, 7265), (325, 7268), (330, 7277), (365, 7364), (378, 7409), (393, 7451),

Gene: Pacc40_31 Start: 27689, Stop: 28690, Start Num: 59

Candidate Starts for Pacc40_31:

(Start: 59 @27689 has 240 MA's), (Start: 66 @27710 has 361 MA's), (71, 27722), (Start: 81 @27764 has 2 MA's), (98, 27827), (105, 27848), (117, 27878), (Start: 134 @27932 has 1 MA's), (150, 27956), (164, 27983), (198, 28094), (237, 28208), (245, 28226), (260, 28265), (267, 28289), (276, 28325), (283, 28352), (297, 28391), (323, 28499), (344, 28547), (351, 28559), (365, 28601), (366, 28604), (368, 28616), (378, 28646),

Gene: PacerPaul_10 Start: 6259, Stop: 7227, Start Num: 66

Candidate Starts for PacerPaul_10:

(Start: 66 @6259 has 361 MA's), (Start: 75 @6292 has 5 MA's), (Start: 80 @6310 has 1 MA's), (Start: 81 @6313 has 2 MA's), (184, 6580), (198, 6631), (201, 6643), (233, 6718), (252, 6781), (264, 6814), (267, 6826), (270, 6844), (276, 6862), (297, 6925), (317, 7006), (323, 7030), (324, 7033), (325, 7036), (330, 7045), (365, 7132), (378, 7177), (393, 7219),

Gene: Palestino_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Palestino_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Panamaxus_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Panamaxus_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Papez_12 Start: 7454, Stop: 8422, Start Num: 66

Candidate Starts for Papez_12:

(Start: 66 @7454 has 361 MA's), (Start: 75 @7487 has 5 MA's), (Start: 80 @7505 has 1 MA's), (Start: 81 @7508 has 2 MA's), (184, 7775), (198, 7826), (201, 7838), (233, 7913), (252, 7976), (258, 7988), (264, 8009), (267, 8021), (270, 8039), (276, 8057), (297, 8120), (317, 8201), (323, 8225), (324, 8228), (325, 8231), (330, 8240), (365, 8327), (378, 8372), (393, 8414),

Gene: Paphu_9 Start: 5448, Stop: 6416, Start Num: 66

Candidate Starts for Paphu_9:

(Start: 66 @5448 has 361 MA's), (Start: 75 @5481 has 5 MA's), (Start: 80 @5499 has 1 MA's), (Start: 81 @5502 has 2 MA's), (184, 5769), (198, 5820), (201, 5832), (233, 5907), (252, 5970), (258, 5982), (264, 6003), (267, 6015), (270, 6033), (276, 6051), (282, 6075), (297, 6114), (317, 6195), (323, 6219), (324, 6222), (325, 6225), (330, 6234), (365, 6321), (378, 6366), (393, 6408),

Gene: Papyrus_39 Start: 35008, Stop: 36057, Start Num: 56

Candidate Starts for Papyrus_39:

(Start: 56 @35008 has 172 MA's), (Start: 81 @35092 has 2 MA's), (84, 35101), (89, 35125), (98, 35155), (105, 35176), (118, 35212), (124, 35233), (128, 35242), (Start: 134 @35260 has 1 MA's), (170, 35329), (219, 35482), (244, 35581), (256, 35608), (275, 35680), (294, 35734), (341, 35887), (353, 35911), (356, 35920), (367, 35962), (368, 35965), (369, 35971), (373, 35980), (386, 36016), (389, 36025), (396, 36034),

Gene: Paraselene_9 Start: 5760, Stop: 6728, Start Num: 66

Candidate Starts for Paraselene_9:

(Start: 66 @5760 has 361 MA's), (Start: 75 @5793 has 5 MA's), (Start: 80 @5811 has 1 MA's), (Start: 81 @5814 has 2 MA's), (184, 6081), (198, 6132), (201, 6144), (233, 6219), (252, 6282), (258, 6294), (264, 6315), (270, 6345), (276, 6363), (282, 6387), (297, 6426), (317, 6507), (323, 6531), (324, 6534), (325, 6537), (330, 6546), (365, 6633), (378, 6678), (393, 6720),

Gene: Pari_11 Start: 6227, Stop: 7195, Start Num: 66

Candidate Starts for Pari_11:

(Start: 66 @6227 has 361 MA's), (Start: 75 @6260 has 5 MA's), (Start: 80 @6278 has 1 MA's), (Start: 81 @6281 has 2 MA's), (184, 6548), (198, 6599), (201, 6611), (233, 6686), (252, 6749), (258, 6761), (264, 6782), (267, 6794), (270, 6812), (276, 6830), (282, 6854), (297, 6893), (317, 6974), (323, 6998), (324, 7001), (325, 7004), (330, 7013), (365, 7100), (393, 7187),

Gene: ParkTD_251 Start: 144793, Stop: 145821, Start Num: 56

Candidate Starts for ParkTD_251:

(Start: 56 @144793 has 172 MA's), (Start: 66 @144823 has 361 MA's), (71, 144835), (Start: 81 @144877 has 2 MA's), (98, 144940), (105, 144961), (Start: 134 @145045 has 1 MA's), (160, 145087), (164, 145099), (168, 145114), (189, 145183), (198, 145210), (218, 145264), (231, 145309), (232, 145312), (257, 145390), (264, 145411), (297, 145522), (319, 145612), (323, 145630), (356, 145702), (366, 145735),

Gene: Parliament_9 Start: 5830, Stop: 6798, Start Num: 66

Candidate Starts for Parliament_9:

(Start: 66 @5830 has 361 MA's), (Start: 75 @5863 has 5 MA's), (Start: 80 @5881 has 1 MA's), (Start: 81 @5884 has 2 MA's), (184, 6151), (198, 6202), (201, 6214), (233, 6289), (252, 6352), (258, 6364), (264, 6385), (267, 6397), (270, 6415), (276, 6433), (282, 6457), (297, 6496), (317, 6577), (323, 6601), (324, 6604), (325, 6607), (330, 6616), (365, 6703), (393, 6790),

Gene: PascalRango_9 Start: 5626, Stop: 6594, Start Num: 66

Candidate Starts for PascalRango_9:

(Start: 66 @5626 has 361 MA's), (Start: 75 @5659 has 5 MA's), (Start: 80 @5677 has 1 MA's), (Start: 81 @5680 has 2 MA's), (184, 5947), (198, 5998), (201, 6010), (233, 6085), (252, 6148), (264, 6181), (267, 6193), (270, 6211), (276, 6229), (282, 6253), (297, 6292), (317, 6373), (323, 6397), (324, 6400), (325, 6403), (330, 6412), (365, 6499), (393, 6586),

Gene: Patience_42 Start: 35792, Stop: 36817, Start Num: 55

Candidate Starts for Patience_42:

(Start: 55 @35792 has 3 MA's), (98, 35927), (124, 36002), (167, 36086), (170, 36095), (176, 36119), (180, 36128), (208, 36221), (236, 36320), (251, 36353), (258, 36368), (264, 36389), (266, 36398), (289, 36485), (297, 36503), (304, 36533), (308, 36551), (315, 36587), (344, 36662), (351, 36674), (353, 36677), (365, 36716), (382, 36773),

Gene: Patter_254 Start: 144453, Stop: 145481, Start Num: 56

Candidate Starts for Patter_254:

(Start: 56 @144453 has 172 MA's), (Start: 66 @144483 has 361 MA's), (71, 144495), (Start: 81 @144537 has 2 MA's), (98, 144600), (105, 144621), (Start: 134 @144705 has 1 MA's), (160, 144747), (164, 144759), (168, 144774), (189, 144843), (198, 144870), (218, 144924), (231, 144969), (232, 144972), (257, 145050), (264, 145071), (297, 145182), (319, 145272), (323, 145290), (356, 145362), (366, 145395),

Gene: PattyP_11 Start: 5782, Stop: 6750, Start Num: 66

Candidate Starts for PattyP_11:

(Start: 66 @5782 has 361 MA's), (Start: 75 @5815 has 5 MA's), (Start: 80 @5833 has 1 MA's), (Start: 81 @5836 has 2 MA's), (184, 6103), (198, 6154), (201, 6166), (233, 6241), (252, 6304), (258, 6316), (264, 6337), (267, 6349), (270, 6367), (276, 6385), (282, 6409), (297, 6448), (317, 6529), (323, 6553), (324, 6556), (325, 6559), (330, 6568), (365, 6655), (393, 6742),

Gene: Pawn_13 Start: 6033, Stop: 6998, Start Num: 60

Candidate Starts for Pawn_13:

(Start: 60 @6033 has 92 MA's), (Start: 81 @6099 has 2 MA's), (102, 6153), (128, 6231), (182, 6354), (198, 6411), (233, 6483), (241, 6522), (250, 6540), (270, 6609), (303, 6726), (308, 6753), (324, 6816), (362, 6906), (364, 6912),

Gene: Payneful_9 Start: 5627, Stop: 6541, Start Num: 81

Candidate Starts for Payneful_9:

(Start: 66 @5573 has 361 MA's), (Start: 75 @5606 has 5 MA's), (Start: 80 @5624 has 1 MA's), (Start: 81 @5627 has 2 MA's), (184, 5894), (198, 5945), (201, 5957), (233, 6032), (252, 6095), (264, 6128), (267, 6140), (270, 6158), (276, 6176), (297, 6239), (317, 6320), (323, 6344), (324, 6347), (325, 6350), (330, 6359), (365, 6446), (378, 6491), (393, 6533),

Gene: PeaceMeal1_9 Start: 3782, Stop: 4756, Start Num: 66

Candidate Starts for PeaceMeal1_9:

(37, 3743), (Start: 66 @3782 has 361 MA's), (Start: 75 @3815 has 5 MA's), (Start: 81 @3836 has 2 MA's), (147, 4004), (164, 4046), (168, 4061), (198, 4166), (233, 4238), (237, 4265), (238, 4268), (241, 4277), (270, 4364), (308, 4511), (324, 4574), (341, 4613), (360, 4655),

Gene: Peaches_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Peaches_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: PegLeg_38 Start: 31793, Stop: 32764, Start Num: 63

Candidate Starts for PegLeg_38:

(Start: 63 @31793 has 13 MA's), (72, 31817), (Start: 75 @31832 has 5 MA's), (129, 31970), (Start: 143 @31997 has 16 MA's), (159, 32015), (163, 32027), (166, 32036), (178, 32081), (182, 32093), (190, 32120), (198, 32147), (201, 32159), (221, 32204), (231, 32231), (237, 32261), (240, 32270), (241, 32273), (274, 32360), (279, 32375), (326, 32528), (331, 32531), (356, 32591), (361, 32603), (363, 32612), (371, 32648), (377, 32663), (392, 32702), (404, 32735),

Gene: Pelly_11 Start: 6513, Stop: 7427, Start Num: 81

Candidate Starts for Pelly_11:

(Start: 66 @6459 has 361 MA's), (Start: 75 @6492 has 5 MA's), (Start: 80 @6510 has 1 MA's), (Start: 81 @6513 has 2 MA's), (184, 6780), (198, 6831), (201, 6843), (233, 6918), (252, 6981), (264, 7014), (267, 7026), (270, 7044), (276, 7062), (282, 7086), (297, 7125), (317, 7206), (323, 7230), (324, 7233), (325, 7236), (330, 7245), (365, 7332), (393, 7419),

Gene: Pembroke_12 Start: 5963, Stop: 6928, Start Num: 60

Candidate Starts for Pembroke_12:

(Start: 60 @5963 has 92 MA's), (Start: 75 @6008 has 5 MA's), (Start: 81 @6029 has 2 MA's), (123, 6149), (182, 6287), (198, 6344), (203, 6359), (236, 6440), (241, 6455), (250, 6473), (267, 6524), (270, 6542), (283, 6587), (308, 6683), (324, 6746), (341, 6785), (362, 6836),

Gene: Penny1_12 Start: 5962, Stop: 6927, Start Num: 60

Candidate Starts for Penny1_12:

(Start: 60 @5962 has 92 MA's), (Start: 75 @6007 has 5 MA's), (Start: 81 @6028 has 2 MA's), (123, 6148), (182, 6286), (198, 6343), (203, 6358), (236, 6439), (241, 6454), (250, 6472), (267, 6523), (270, 6541), (283, 6586), (308, 6682), (324, 6745), (341, 6784), (362, 6835),

Gene: Pepe_11 Start: 6482, Stop: 7450, Start Num: 66

Candidate Starts for Pepe_11:

(Start: 66 @6482 has 361 MA's), (Start: 75 @6515 has 5 MA's), (Start: 80 @6533 has 1 MA's), (Start: 81 @6536 has 2 MA's), (184, 6803), (198, 6854), (201, 6866), (233, 6941), (252, 7004), (264, 7037), (267, 7049), (270, 7067), (276, 7085), (282, 7109), (297, 7148), (317, 7229), (323, 7253), (324, 7256), (325, 7259), (330, 7268), (331, 7271), (365, 7355), (378, 7400), (393, 7442),

Gene: Perplexer_10 Start: 5881, Stop: 6864, Start Num: 66

Candidate Starts for Perplexer_10:

(Start: 66 @5881 has 361 MA's), (74, 5911), (Start: 80 @5932 has 1 MA's), (Start: 81 @5935 has 2 MA's), (182, 6184), (198, 6241), (201, 6253), (213, 6283), (224, 6304), (234, 6325), (248, 6373), (270, 6430), (317, 6580), (366, 6703), (368, 6715), (370, 6724), (392, 6781), (413, 6856),

Gene: Perseus_11 Start: 6143, Stop: 7111, Start Num: 66

Candidate Starts for Perseus_11:

(Start: 66 @6143 has 361 MA's), (Start: 75 @6176 has 5 MA's), (Start: 80 @6194 has 1 MA's), (Start: 81 @6197 has 2 MA's), (184, 6464), (198, 6515), (201, 6527), (233, 6602), (252, 6665), (264, 6698), (267, 6710), (270, 6728), (276, 6746), (282, 6770), (297, 6809), (317, 6890), (323, 6914), (324, 6917), (325, 6920), (330, 6929), (365, 7016), (378, 7061), (393, 7103),

Gene: PeterPeter_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for PeterPeter_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Peterson_13 Start: 7442, Stop: 8410, Start Num: 66

Candidate Starts for Peterson_13:

(Start: 66 @7442 has 361 MA's), (Start: 75 @7475 has 5 MA's), (Start: 80 @7493 has 1 MA's), (Start: 81 @7496 has 2 MA's), (184, 7763), (198, 7814), (201, 7826), (233, 7901), (264, 7997), (267, 8009), (270, 8027), (276, 8045), (282, 8069), (297, 8108), (317, 8189), (323, 8213), (324, 8216), (325, 8219), (330, 8228), (365, 8315), (378, 8360), (393, 8402),

Gene: PetiteSangsue_10 Start: 5887, Stop: 6870, Start Num: 66

Candidate Starts for PetiteSangsue_10:

(Start: 66 @5887 has 361 MA's), (74, 5917), (Start: 80 @5938 has 1 MA's), (Start: 81 @5941 has 2 MA's), (182, 6190), (198, 6247), (201, 6259), (213, 6289), (224, 6310), (234, 6331), (248, 6379), (270, 6436), (317, 6586), (366, 6709), (368, 6721), (370, 6730), (392, 6787), (413, 6862),

Gene: Petp2012_12 Start: 5935, Stop: 6903, Start Num: 66

Candidate Starts for Petp2012_12:

(Start: 66 @5935 has 361 MA's), (Start: 75 @5968 has 5 MA's), (Start: 80 @5986 has 1 MA's), (Start: 81 @5989 has 2 MA's), (184, 6256), (198, 6307), (201, 6319), (233, 6394), (252, 6457), (264, 6490), (267, 6502), (270, 6520), (276, 6538), (282, 6562), (297, 6601), (317, 6682), (323, 6706), (324, 6709), (325, 6712), (330, 6721), (365, 6808), (378, 6853), (393, 6895),

Gene: Petrucchio_10 Start: 5701, Stop: 6669, Start Num: 66

Candidate Starts for Petrucchio_10:

(Start: 66 @5701 has 361 MA's), (Start: 75 @5734 has 5 MA's), (Start: 80 @5752 has 1 MA's), (Start: 81 @5755 has 2 MA's), (184, 6022), (198, 6073), (201, 6085), (233, 6160), (252, 6223), (258, 6235), (264, 6256), (267, 6268), (270, 6286), (276, 6304), (282, 6328), (297, 6367), (317, 6448), (323, 6472), (324, 6475), (325, 6478), (330, 6487), (365, 6574), (378, 6619), (393, 6661),

Gene: Phacado_10 Start: 5880, Stop: 6860, Start Num: 68

Candidate Starts for Phacado_10:

(Start: 68 @5880 has 108 MA's), (Start: 70 @5883 has 14 MA's), (74, 5907), (Start: 80 @5928 has 1 MA's), (Start: 81 @5931 has 2 MA's), (182, 6180), (198, 6237), (234, 6321), (236, 6342), (248, 6369), (265, 6399), (270, 6426), (317, 6576), (363, 6687), (366, 6699), (368, 6711), (392, 6777),

Gene: Phaded_14 Start: 8540, Stop: 9526, Start Num: 66

Candidate Starts for Phaded_14:

(Start: 66 @8540 has 361 MA's), (74, 8570), (Start: 81 @8594 has 2 MA's), (132, 8729), (198, 8900), (230, 8975), (234, 8984), (270, 9095), (289, 9155), (304, 9191), (317, 9245), (323, 9269), (325, 9275), (347, 9320), (368, 9380), (370, 9389),

Gene: Phaedrus_45 Start: 41456, Stop: 42520, Start Num: 50

Candidate Starts for Phaedrus_45:

(Start: 50 @41456 has 44 MA's), (72, 41519), (94, 41600), (117, 41666), (120, 41681), (124, 41693), (135, 41720), (167, 41777), (170, 41786), (217, 41933), (223, 41948), (236, 42002), (251, 42035), (265, 42074), (268, 42086), (289, 42167), (297, 42185), (298, 42188), (308, 42233), (344, 42344), (382, 42455), (389, 42476), (402, 42509),

Gene: Phalconet_31 Start: 27631, Stop: 28632, Start Num: 59

Candidate Starts for Phalconet_31:

(Start: 59 @27631 has 240 MA's), (Start: 66 @27652 has 361 MA's), (71, 27664), (Start: 81 @27706 has 2 MA's), (98, 27769), (105, 27790), (117, 27820), (Start: 134 @27874 has 1 MA's), (150, 27898), (164, 27925), (198, 28036), (237, 28150), (245, 28168), (260, 28207), (267, 28231), (276, 28267), (283, 28294), (297, 28333), (308, 28381), (323, 28441), (351, 28501), (368, 28558), (378, 28588),

Gene: Phanphagia_28 Start: 26657, Stop: 27655, Start Num: 59

Candidate Starts for Phanphagia_28:

(Start: 59 @26657 has 240 MA's), (Start: 81 @26732 has 2 MA's), (98, 26792), (105, 26813), (Start: 134 @26897 has 1 MA's), (164, 26948), (168, 26963), (198, 27059), (233, 27146), (236, 27170), (245, 27191), (260, 27230), (264, 27242), (276, 27290), (283, 27317), (292, 27341), (297, 27356), (323, 27464), (344, 27512), (368, 27581), (378, 27611),

Gene: Phantastic_10 Start: 5701, Stop: 6441, Start Num: 146

Candidate Starts for Phantastic_10:

(Start: 86 @5608 has 30 MA's), (Start: 146 @5701 has 1 MA's), (161, 5716), (182, 5788), (198, 5845), (201, 5857), (203, 5860), (212, 5884), (221, 5899), (236, 5947), (250, 5980), (270, 6049), (293, 6121), (308, 6190), (314, 6217), (324, 6253), (341, 6292), (395, 6433),

Gene: Phasih_32 Start: 28074, Stop: 29075, Start Num: 59

Candidate Starts for Phasih_32:

(3, 27453), (7, 27531), (9, 27594), (12, 27633), (19, 27786), (23, 27822), (Start: 59 @28074 has 240 MA's), (Start: 66 @28095 has 361 MA's), (71, 28107), (Start: 81 @28149 has 2 MA's), (98, 28212), (105, 28233), (117, 28263), (Start: 134 @28317 has 1 MA's), (150, 28341), (164, 28368), (198, 28479), (237, 28593), (245, 28611), (260, 28650), (267, 28674), (276, 28710), (283, 28737), (297, 28776), (308, 28824), (323, 28884), (351, 28944), (368, 29001), (378, 29031),

Gene: Phatniss_32 Start: 28016, Stop: 29017, Start Num: 59

Candidate Starts for Phatniss_32:

(23, 27764), (34, 27917), (Start: 59 @28016 has 240 MA's), (Start: 66 @28037 has 361 MA's), (71, 28049), (Start: 81 @28091 has 2 MA's), (98, 28154), (105, 28175), (117, 28205), (Start: 134 @28259 has 1 MA's), (150, 28283), (164, 28310), (198, 28421), (237, 28535), (245, 28553), (260, 28592), (267, 28616), (276, 28652), (283, 28679), (297, 28718), (308, 28766), (323, 28826), (351, 28886), (368, 28943), (378, 28973),

Gene: Phayeta_48 Start: 41401, Stop: 42465, Start Num: 50

Candidate Starts for Phayeta_48:

(Start: 50 @41401 has 44 MA's), (72, 41464), (94, 41545), (117, 41611), (120, 41626), (124, 41638), (135, 41665), (167, 41722), (170, 41731), (217, 41878), (223, 41893), (236, 41947), (251, 41980), (265, 42019), (268, 42031), (289, 42112), (297, 42130), (298, 42133), (308, 42178), (344, 42289), (382, 42400), (389, 42421), (402, 42454),

Gene: Phelipe_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Phelipe_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: PherrisBueller_11 Start: 5911, Stop: 6879, Start Num: 66

Candidate Starts for PherrisBueller_11:

(Start: 66 @5911 has 361 MA's), (Start: 75 @5944 has 5 MA's), (Start: 80 @5962 has 1 MA's), (Start: 81 @5965 has 2 MA's), (160, 6154), (184, 6232), (198, 6283), (201, 6295), (233, 6370), (252, 6433), (264, 6466), (267, 6478), (270, 6496), (276, 6514), (282, 6538), (297, 6577), (317, 6658), (323, 6682), (324, 6685), (325, 6688), (330, 6697), (365, 6784), (393, 6871),

Gene: PhesterPhotato_31 Start: 27551, Stop: 28552, Start Num: 59

Candidate Starts for PhesterPhotato_31:

(Start: 59 @27551 has 240 MA's), (Start: 66 @27572 has 361 MA's), (71, 27584), (Start: 81 @27626 has 2 MA's), (98, 27689), (105, 27710), (117, 27740), (Start: 134 @27794 has 1 MA's), (150, 27818), (164, 27845), (198, 27956), (237, 28070), (245, 28088), (260, 28127), (267, 28151), (276, 28187), (283, 28214), (297, 28253), (308, 28301), (323, 28361), (344, 28409), (368, 28478), (378, 28508),

Gene: Phighter1804_10 Start: 5857, Stop: 6837, Start Num: 68

Candidate Starts for Phighter1804_10:

(Start: 68 @5857 has 108 MA's), (74, 5884), (Start: 80 @5905 has 1 MA's), (Start: 81 @5908 has 2 MA's), (182, 6157), (198, 6214), (201, 6226), (224, 6277), (234, 6298), (236, 6319), (248, 6346), (264, 6373), (270, 6403), (317, 6553), (366, 6676), (368, 6688), (392, 6754),

Gene: Philly_46 Start: 41387, Stop: 42451, Start Num: 50

Candidate Starts for Philly_46:

(Start: 50 @41387 has 44 MA's), (72, 41450), (94, 41531), (117, 41597), (120, 41612), (124, 41624), (135, 41651), (167, 41708), (170, 41717), (217, 41864), (223, 41879), (236, 41933), (251, 41966), (265, 42005), (268, 42017), (289, 42098), (297, 42116), (298, 42119), (308, 42164), (344, 42275), (382, 42386), (389, 42407), (402, 42440),

Gene: Philus_31 Start: 27593, Stop: 28594, Start Num: 59

Candidate Starts for Philus_31:

(Start: 59 @27593 has 240 MA's), (Start: 81 @27668 has 2 MA's), (88, 27701), (98, 27731), (105, 27752), (117, 27782), (119, 27794), (Start: 134 @27836 has 1 MA's), (150, 27860), (160, 27875), (164, 27887), (198, 27998), (237, 28112), (245, 28130), (260, 28169), (267, 28193), (276, 28229), (297, 28295), (323, 28403), (344, 28451), (351, 28463), (366, 28508), (368, 28520), (378, 28550),

Gene: PhishRPhriends_11 Start: 5224, Stop: 6189, Start Num: 60

Candidate Starts for PhishRPhriends_11:

(Start: 60 @5224 has 92 MA's), (Start: 81 @5290 has 2 MA's), (102, 5344), (128, 5422), (182, 5545), (198, 5602), (233, 5674), (241, 5713), (250, 5731), (270, 5800), (303, 5917), (308, 5944), (324, 6007), (362, 6097), (364, 6103),

Gene: Phlegm_257 Start: 145199, Stop: 146227, Start Num: 56

Candidate Starts for Phlegm_257:

(Start: 56 @145199 has 172 MA's), (Start: 66 @145229 has 361 MA's), (71, 145241), (Start: 81 @145283 has 2 MA's), (98, 145346), (105, 145367), (Start: 134 @145451 has 1 MA's), (160, 145493), (164, 145505), (168, 145520), (189, 145589), (198, 145616), (218, 145670), (231, 145715), (232, 145718), (257, 145796), (264, 145817), (297, 145928), (319, 146018), (323, 146036), (356, 146108), (366, 146141),

Gene: Phlyer_47 Start: 42275, Stop: 43339, Start Num: 50

Candidate Starts for Phlyer_47:

(Start: 50 @42275 has 44 MA's), (72, 42338), (94, 42419), (117, 42485), (120, 42500), (124, 42512), (135, 42539), (167, 42596), (170, 42605), (217, 42752), (223, 42767), (236, 42821), (251, 42854), (265, 42893), (268, 42905), (289, 42986), (297, 43004), (298, 43007), (344, 43163), (382, 43274), (389, 43295), (402, 43328),

Gene: Phoebe_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for Phoebe_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: Phoebus_48 Start: 42862, Stop: 43734, Start Num: 86

Candidate Starts for Phoebus_48:

(Start: 86 @42862 has 30 MA's), (Start: 100 @42889 has 1 MA's), (123, 42949), (148, 42997), (172, 43063), (180, 43084), (188, 43105), (205, 43159), (236, 43240), (331, 43519), (333, 43522), (341, 43546), (355, 43582), (360, 43597), (363, 43609), (367, 43630),

Gene: Phontbonne_10 Start: 5822, Stop: 6805, Start Num: 66

Candidate Starts for Phontbonne_10:

(Start: 66 @5822 has 361 MA's), (Start: 80 @5873 has 1 MA's), (Start: 81 @5876 has 2 MA's), (132, 6011), (Start: 152 @6035 has 17 MA's), (182, 6125), (198, 6182), (224, 6245), (234, 6266), (236, 6287), (248, 6314), (270, 6371), (317, 6521), (366, 6644), (368, 6656), (406, 6767),

Gene: Phox_253 Start: 144448, Stop: 145476, Start Num: 56

Candidate Starts for Phox_253:

(Start: 56 @144448 has 172 MA's), (Start: 66 @144478 has 361 MA's), (71, 144490), (Start: 81 @144532 has 2 MA's), (98, 144595), (105, 144616), (Start: 134 @144700 has 1 MA's), (160, 144742), (164, 144754), (168, 144769), (189, 144838), (198, 144865), (218, 144919), (231, 144964), (232, 144967), (257, 145045), (264, 145066), (297, 145177), (319, 145267), (323, 145285), (356, 145357), (366, 145390),

Gene: Phoxy_12 Start: 6046, Stop: 7011, Start Num: 60

Candidate Starts for Phoxy_12:

(Start: 60 @6046 has 92 MA's), (Start: 75 @6091 has 5 MA's), (Start: 81 @6112 has 2 MA's), (123, 6232), (182, 6370), (198, 6427), (203, 6442), (236, 6523), (241, 6538), (250, 6556), (267, 6607), (270, 6625), (283, 6670), (308, 6766), (324, 6829), (341, 6868), (362, 6919),

Gene: Phranny_13 Start: 6031, Stop: 6996, Start Num: 60

Candidate Starts for Phranny_13:

(Start: 60 @6031 has 92 MA's), (Start: 81 @6097 has 2 MA's), (102, 6151), (128, 6229), (182, 6352), (198, 6409), (233, 6481), (241, 6520), (250, 6538), (270, 6607), (303, 6724), (308, 6751), (324, 6814), (362, 6904), (364, 6910),

Gene: PhrostyMug_10 Start: 6057, Stop: 7025, Start Num: 66

Candidate Starts for PhrostyMug_10:

(Start: 66 @6057 has 361 MA's), (Start: 75 @6090 has 5 MA's), (Start: 80 @6108 has 1 MA's), (Start: 81 @6111 has 2 MA's), (184, 6378), (198, 6429), (201, 6441), (233, 6516), (252, 6579), (258, 6591), (264, 6612), (267, 6624), (270, 6642), (276, 6660), (282, 6684), (297, 6723), (317, 6804), (323, 6828), (324, 6831), (325, 6834), (330, 6843), (365, 6930), (393, 7017),

Gene: Phusco_251 Start: 144031, Stop: 145059, Start Num: 56

Candidate Starts for Phusco_251:

(Start: 56 @144031 has 172 MA's), (Start: 66 @144061 has 361 MA's), (71, 144073), (Start: 81 @144115 has 2 MA's), (98, 144178), (105, 144199), (Start: 134 @144283 has 1 MA's), (160, 144325), (164, 144337), (168, 144352), (189, 144421), (198, 144448), (218, 144502), (231, 144547), (232, 144550), (257, 144628), (264, 144649), (297, 144760), (319, 144850), (323, 144868), (356, 144940), (366, 144973),

Gene: Pier_251 Start: 145324, Stop: 146352, Start Num: 56

Candidate Starts for Pier_251:

(Start: 56 @145324 has 172 MA's), (Start: 66 @145354 has 361 MA's), (71, 145366), (Start: 81 @145408 has 2 MA's), (98, 145471), (105, 145492), (Start: 134 @145576 has 1 MA's), (160, 145618), (164, 145630), (168, 145645), (189, 145714), (198, 145741), (218, 145795), (231, 145840), (232, 145843), (257, 145921), (264, 145942), (297, 146053), (319, 146143), (323, 146161), (356, 146233), (366, 146266),

Gene: PinkPlastic_8 Start: 5490, Stop: 6458, Start Num: 66

Candidate Starts for PinkPlastic_8:

(Start: 66 @5490 has 361 MA's), (Start: 75 @5523 has 5 MA's), (Start: 80 @5541 has 1 MA's), (Start: 81 @5544 has 2 MA's), (184, 5811), (198, 5862), (201, 5874), (233, 5949), (252, 6012), (258, 6024), (264, 6045), (267, 6057), (270, 6075), (276, 6093), (282, 6117), (297, 6156), (317, 6237), (323, 6261), (324, 6264), (325, 6267), (330, 6276), (365, 6363), (393, 6450),

Gene: Pinkcreek_232 Start: 141680, Stop: 142678, Start Num: 66

Candidate Starts for Pinkcreek_232:

(Start: 56 @141650 has 172 MA's), (Start: 66 @141680 has 361 MA's), (Start: 81 @141734 has 2 MA's), (98, 141797), (105, 141818), (Start: 134 @141902 has 1 MA's), (160, 141944), (164, 141956), (168, 141971), (189, 142040), (198, 142067), (218, 142121), (231, 142166), (232, 142169), (257, 142247), (264, 142268), (297, 142379), (319, 142469), (323, 142487), (356, 142559), (366, 142592),

Gene: Pinto_12 Start: 6133, Stop: 7101, Start Num: 66

Candidate Starts for Pinto_12:

(Start: 66 @6133 has 361 MA's), (Start: 75 @6166 has 5 MA's), (Start: 80 @6184 has 1 MA's), (Start: 81 @6187 has 2 MA's), (184, 6454), (198, 6505), (201, 6517), (233, 6592), (252, 6655), (264, 6688), (267, 6700), (270, 6718), (276, 6736), (282, 6760), (297, 6799), (317, 6880), (323, 6904), (324, 6907), (325, 6910), (330, 6919), (365, 7006), (393, 7093),

Gene: Pio_259 Start: 146527, Stop: 147555, Start Num: 56

Candidate Starts for Pio_259:

(Start: 56 @146527 has 172 MA's), (Start: 66 @146557 has 361 MA's), (71, 146569), (Start: 81 @146611 has 2 MA's), (98, 146674), (105, 146695), (Start: 134 @146779 has 1 MA's), (160, 146821), (164, 146833), (168, 146848), (189, 146917), (198, 146944), (218, 146998), (231, 147043), (232, 147046), (257, 147124), (264, 147145), (297, 147256), (319, 147346), (323, 147364), (356, 147436), (366, 147469),

Gene: Pipcraft_10 Start: 5884, Stop: 6861, Start Num: 70

Candidate Starts for Pipcraft_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Pipefish_49 Start: 42928, Stop: 43992, Start Num: 50

Candidate Starts for Pipefish_49:

(Start: 50 @42928 has 44 MA's), (72, 42991), (94, 43072), (117, 43138), (120, 43153), (124, 43165), (135, 43192), (167, 43249), (170, 43258), (217, 43405), (223, 43420), (236, 43474), (251, 43507), (265, 43546), (268, 43558), (289, 43639), (297, 43657), (298, 43660), (344, 43816), (382, 43927), (389, 43948), (402, 43981),

Gene: Piper2020_33 Start: 28123, Stop: 29124, Start Num: 59

Candidate Starts for Piper2020_33:

(Start: 59 @28123 has 240 MA's), (Start: 81 @28198 has 2 MA's), (88, 28231), (98, 28261), (105, 28282), (Start: 134 @28366 has 1 MA's), (150, 28390), (160, 28405), (164, 28417), (198, 28528), (237, 28642), (245, 28660), (260, 28699), (267, 28723), (276, 28759), (283, 28786), (297, 28825), (323, 28933), (344, 28981), (368, 29050), (378, 29080),

Gene: Pippin_11 Start: 5832, Stop: 6800, Start Num: 66

Candidate Starts for Pippin_11:

(Start: 66 @5832 has 361 MA's), (Start: 75 @5865 has 5 MA's), (Start: 80 @5883 has 1 MA's), (Start: 81 @5886 has 2 MA's), (184, 6153), (198, 6204), (201, 6216), (233, 6291), (252, 6354), (258, 6366), (264, 6387), (267, 6399), (270, 6417), (276, 6435), (282, 6459), (297, 6498), (317, 6579), (323, 6603), (324, 6606), (325, 6609), (330, 6618), (365, 6705), (393, 6792),

Gene: Pippy_25 Start: 23661, Stop: 24662, Start Num: 59

Candidate Starts for Pippy_25:

(Start: 59 @23661 has 240 MA's), (Start: 81 @23736 has 2 MA's), (98, 23799), (105, 23820), (Start: 134 @23904 has 1 MA's), (150, 23928), (160, 23943), (164, 23955), (198, 24066), (245, 24198), (260, 24237), (267, 24261), (283, 24324), (297, 24363), (368, 24588), (378, 24618),

Gene: Piro94_12 Start: 6941, Stop: 7918, Start Num: 66

Candidate Starts for Piro94_12:

(Start: 66 @6941 has 361 MA's), (Start: 81 @6995 has 2 MA's), (108, 7052), (168, 7184), (182, 7232), (198, 7289), (211, 7325), (233, 7373), (241, 7412), (268, 7484), (270, 7499), (283, 7544), (288, 7562), (302, 7604), (308, 7652), (314, 7679), (319, 7694), (323, 7712), (324, 7715), (362, 7805),

Gene: Pistachio_11 Start: 5286, Stop: 6026, Start Num: 152

Candidate Starts for Pistachio_11:

(Start: 86 @5169 has 30 MA's), (Start: 152 @5286 has 17 MA's), (182, 5373), (198, 5430), (201, 5442), (203, 5445), (212, 5469), (221, 5484), (229, 5502), (236, 5532), (238, 5538), (241, 5547), (250, 5565), (267, 5616), (270, 5634), (293, 5706), (303, 5748), (308, 5775), (314, 5802), (323, 5835), (324, 5838), (341, 5877), (395, 6018),

Gene: Pita2_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for Pita2_12:

(Start: 66 @6491 has 361 MA's), (Start: 75 @6524 has 5 MA's), (Start: 80 @6542 has 1 MA's), (Start: 81 @6545 has 2 MA's), (184, 6812), (198, 6863), (201, 6875), (233, 6950), (252, 7013), (258, 7025), (264, 7046), (270, 7076), (276, 7094), (282, 7118), (297, 7157), (317, 7238), (323, 7262), (324, 7265), (325, 7268), (330, 7277), (365, 7364), (378, 7409), (393, 7451),

Gene: Pivoine_253 Start: 144496, Stop: 145524, Start Num: 56

Candidate Starts for Pivoine_253:

(Start: 56 @144496 has 172 MA's), (Start: 66 @144526 has 361 MA's), (71, 144538), (Start: 81 @144580 has 2 MA's), (98, 144643), (105, 144664), (Start: 134 @144748 has 1 MA's), (160, 144790), (164, 144802), (168, 144817), (189, 144886), (198, 144913), (218, 144967), (231, 145012), (232, 145015), (257, 145093), (264, 145114), (297, 145225), (319, 145315), (323, 145333), (356, 145405), (366, 145438),

Gene: Pleione_256 Start: 145259, Stop: 146287, Start Num: 56

Candidate Starts for Pleione_256:

(Start: 56 @145259 has 172 MA's), (Start: 66 @145289 has 361 MA's), (71, 145301), (Start: 81 @145343 has 2 MA's), (98, 145406), (105, 145427), (Start: 134 @145511 has 1 MA's), (160, 145553), (164, 145565), (168, 145580), (189, 145649), (198, 145676), (218, 145730), (231, 145775), (232, 145778), (257, 145856), (264, 145877), (297, 145988), (319, 146078), (323, 146096), (356, 146168), (366, 146201),

Gene: Plumbus_33 Start: 27594, Stop: 28595, Start Num: 59

Candidate Starts for Plumbus_33:

(2, 26973), (6, 27051), (8, 27114), (11, 27153), (19, 27306), (23, 27342), (Start: 59 @27594 has 240 MA's), (Start: 81 @27669 has 2 MA's), (88, 27702), (98, 27732), (105, 27753), (117, 27783), (119, 27795), (Start: 134 @27837 has 1 MA's), (150, 27861), (160, 27876), (164, 27888), (198, 27999), (237, 28113), (245, 28131), (260, 28170), (267, 28194), (276, 28230), (283, 28257), (297, 28296), (323, 28404), (351, 28464), (368, 28521), (378, 28551),

Gene: Pocahontas_11 Start: 6049, Stop: 7014, Start Num: 60

Candidate Starts for Pocahontas_11:

(Start: 60 @6049 has 92 MA's), (Start: 75 @6094 has 5 MA's), (Start: 81 @6115 has 2 MA's), (123, 6235), (129, 6250), (Start: 157 @6289 has 2 MA's), (182, 6373), (198, 6430), (203, 6445), (236, 6526), (241, 6541), (250, 6559), (267, 6610), (270, 6628), (283, 6673), (308, 6769), (324, 6832), (341, 6871), (362, 6922),

Gene: Poenanya_31 Start: 27641, Stop: 28642, Start Num: 59

Candidate Starts for Poenanya_31:

(30, 27479), (Start: 59 @27641 has 240 MA's), (Start: 81 @27716 has 2 MA's), (88, 27749), (98, 27779), (105, 27800), (117, 27830), (119, 27842), (Start: 134 @27884 has 1 MA's), (150, 27908), (160, 27923), (164, 27935), (198, 28046), (237, 28160), (245, 28178), (260, 28217), (267, 28241), (276, 28277), (283, 28304), (297, 28343), (308, 28391), (323, 28451), (344, 28499), (351, 28511), (366, 28556), (368, 28568), (378, 28598),

Gene: Polka14_32 Start: 28140, Stop: 29141, Start Num: 59

Candidate Starts for Polka14_32:

(30, 27978), (Start: 59 @28140 has 240 MA's), (Start: 81 @28215 has 2 MA's), (88, 28248), (98, 28278), (105, 28299), (117, 28329), (119, 28341), (Start: 134 @28383 has 1 MA's), (150, 28407), (160, 28422), (164, 28434), (198, 28545), (237, 28659), (245, 28677), (260, 28716), (267, 28740), (276, 28776), (283, 28803), (297, 28842), (308, 28890), (323, 28950), (344, 28998), (351, 29010), (366, 29055), (368, 29067), (378, 29097),

Gene: Pollywog_31 Start: 27849, Stop: 28850, Start Num: 59

Candidate Starts for Pollywog_31:

(Start: 59 @27849 has 240 MA's), (Start: 81 @27924 has 2 MA's), (88, 27957), (98, 27987), (105, 28008), (117, 28038), (119, 28050), (Start: 134 @28092 has 1 MA's), (164, 28143), (168, 28158), (198, 28254), (236, 28365), (245, 28386), (260, 28425), (264, 28437), (276, 28485), (283, 28512), (292, 28536), (297, 28551), (323, 28659), (344, 28707), (368, 28776), (378, 28806),

Gene: Polymorphads_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Polymorphads_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (Start: 81 @5932 has 2 MA's), (132, 6067), (Start: 152 @6091 has 17 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: Pomar16_14 Start: 6638, Stop: 7402, Start Num: 143

Candidate Starts for Pomar16_14:

(Start: 143 @6638 has 16 MA's), (198, 6782), (233, 6869), (237, 6896), (241, 6908), (270, 6995), (308, 7136), (323, 7196), (324, 7199), (340, 7235), (362, 7289), (374, 7337),

Gene: Poompha_9 Start: 3780, Stop: 4754, Start Num: 66

Candidate Starts for Poompha_9:

(37, 3741), (Start: 66 @3780 has 361 MA's), (Start: 75 @3813 has 5 MA's), (Start: 81 @3834 has 2 MA's), (147, 4002), (164, 4044), (168, 4059), (198, 4164), (233, 4236), (237, 4263), (238, 4266), (241, 4275), (270, 4362), (308, 4509), (324, 4572), (341, 4611), (360, 4653),

Gene: PopTart_31 Start: 27830, Stop: 28831, Start Num: 59

Candidate Starts for PopTart_31:

(Start: 59 @27830 has 240 MA's), (Start: 81 @27905 has 2 MA's), (88, 27938), (98, 27968), (105, 27989), (Start: 134 @28073 has 1 MA's), (150, 28097), (160, 28112), (164, 28124), (198, 28235), (245, 28367), (260, 28406), (267, 28430), (276, 28466), (283, 28493), (297, 28532), (323, 28640), (351, 28700), (366, 28745), (368, 28757), (378, 28787),

Gene: Popcicle_11 Start: 6049, Stop: 7014, Start Num: 60

Candidate Starts for Popcicle_11:

(Start: 60 @6049 has 92 MA's), (Start: 75 @6094 has 5 MA's), (Start: 81 @6115 has 2 MA's), (123, 6235), (129, 6250), (Start: 157 @6289 has 2 MA's), (182, 6373), (198, 6430), (203, 6445), (236, 6526), (241, 6541), (250, 6559), (267, 6610), (270, 6628), (283, 6673), (308, 6769), (324, 6832), (341, 6871), (362, 6922),

Gene: Porcelain_47 Start: 38897, Stop: 39901, Start Num: 66

Candidate Starts for Porcelain_47:

(Start: 66 @38897 has 361 MA's), (Start: 81 @38951 has 2 MA's), (Start: 100 @39002 has 1 MA's), (124, 39074), (164, 39149), (198, 39263), (201, 39275), (214, 39308), (237, 39377), (241, 39389), (247, 39401), (249, 39404), (267, 39449), (270, 39467), (318, 39629), (321, 39644), (324, 39653), (401, 39854),

Gene: PotatoSplit_13 Start: 5962, Stop: 6927, Start Num: 60

Candidate Starts for PotatoSplit_13:

(Start: 60 @5962 has 92 MA's), (Start: 75 @6007 has 5 MA's), (Start: 81 @6028 has 2 MA's), (123, 6148), (182, 6286), (198, 6343), (203, 6358), (236, 6439), (241, 6454), (250, 6472), (267, 6523), (270, 6541), (283, 6586), (308, 6682), (324, 6745), (341, 6784), (362, 6835),

Gene: Pound_51 Start: 44412, Stop: 45278, Start Num: 86

Candidate Starts for Pound_51:

(Start: 86 @44412 has 30 MA's), (Start: 100 @44439 has 1 MA's), (148, 44547), (Start: 157 @44568 has 2 MA's), (172, 44613), (180, 44634), (188, 44655), (205, 44709), (231, 44760), (245, 44811), (301, 44961), (311, 45003), (323, 45054), (333, 45072), (358, 45138), (361, 45150), (363, 45159), (369, 45189), (391, 45252),

Gene: Power_11 Start: 6372, Stop: 7364, Start Num: 66

Candidate Starts for Power_11:

(Start: 66 @6372 has 361 MA's), (Start: 80 @6423 has 1 MA's), (Start: 81 @6426 has 2 MA's), (91, 6459), (Start: 100 @6474 has 1 MA's), (158, 6594), (160, 6600), (185, 6687), (198, 6732), (245, 6864), (264, 6903), (277, 6951), (306, 7032), (316, 7074), (352, 7158), (354, 7161), (368, 7209), (388, 7275), (412, 7350),

Gene: Priscilla_31 Start: 27784, Stop: 28785, Start Num: 59

Candidate Starts for Priscilla_31:

(Start: 59 @27784 has 240 MA's), (Start: 81 @27859 has 2 MA's), (88, 27892), (98, 27922), (105, 27943), (117, 27973), (119, 27985), (Start: 134 @28027 has 1 MA's), (150, 28051), (160, 28066), (164, 28078), (198, 28189), (237, 28303), (245, 28321), (260, 28360), (267, 28384), (276, 28420), (297, 28486), (323, 28594), (344, 28642), (351, 28654), (366, 28699), (368, 28711), (378, 28741),

Gene: Pukovnik_13 Start: 8101, Stop: 9087, Start Num: 66

Candidate Starts for Pukovnik_13:

(Start: 66 @8101 has 361 MA's), (74, 8131), (Start: 81 @8155 has 2 MA's), (197, 8455), (198, 8461), (230, 8536), (234, 8545), (270, 8656), (304, 8752), (317, 8806), (323, 8830), (325, 8836), (347, 8881), (349, 8887), (368, 8941), (370, 8950),

Gene: Pumbaa_10 Start: 5856, Stop: 6836, Start Num: 68

Candidate Starts for Pumbaa_10:

(Start: 68 @5856 has 108 MA's), (74, 5883), (Start: 81 @5907 has 2 MA's), (Start: 157 @6072 has 2 MA's), (182, 6156), (198, 6213), (201, 6225), (224, 6276), (234, 6297), (236, 6318), (248, 6345), (264, 6372), (270, 6402), (317, 6552), (366, 6675), (368, 6687), (392, 6753),

Gene: Puppy_11 Start: 5358, Stop: 6098, Start Num: 152

Candidate Starts for Puppy_11:

(Start: 86 @5241 has 30 MA's), (Start: 152 @5358 has 17 MA's), (182, 5445), (198, 5502), (201, 5514), (203, 5517), (212, 5541), (221, 5556), (229, 5574), (236, 5604), (238, 5610), (241, 5619), (250, 5637), (267, 5688), (270, 5706), (293, 5778), (303, 5820), (308, 5847), (314, 5874), (323, 5907), (324, 5910), (341, 5949), (395, 6090),

Gene: PurduePete_253 Start: 145973, Stop: 147001, Start Num: 56

Candidate Starts for PurduePete_253:

(Start: 56 @145973 has 172 MA's), (Start: 66 @146003 has 361 MA's), (71, 146015), (Start: 81 @146057 has 2 MA's), (98, 146120), (105, 146141), (Start: 134 @146225 has 1 MA's), (160, 146267), (164, 146279), (168, 146294), (189, 146363), (198, 146390), (218, 146444), (231, 146489), (232, 146492), (257, 146570), (264, 146591), (297, 146702), (319, 146792), (323, 146810), (356, 146882), (366, 146915),

Gene: PurpleHaze_12 Start: 6032, Stop: 6997, Start Num: 60

Candidate Starts for PurpleHaze_12:

(Start: 60 @6032 has 92 MA's), (Start: 81 @6098 has 2 MA's), (102, 6152), (128, 6230), (182, 6353), (198, 6410), (233, 6482), (241, 6521), (250, 6539), (270, 6608), (303, 6725), (308, 6752), (324, 6815), (362, 6905), (364, 6911),

Gene: QBert_244 Start: 142846, Stop: 143874, Start Num: 56

Candidate Starts for QBert_244:

(Start: 56 @142846 has 172 MA's), (Start: 66 @142876 has 361 MA's), (71, 142888), (Start: 81 @142930 has 2 MA's), (98, 142993), (105, 143014), (Start: 134 @143098 has 1 MA's), (160, 143140), (164, 143152), (168, 143167), (189, 143236), (198, 143263), (218, 143317), (231, 143362), (232, 143365), (257, 143443), (264, 143464), (297, 143575), (319, 143665), (323, 143683), (356, 143755), (366, 143788),

Gene: QTRlifeCrisis_13 Start: 6459, Stop: 7427, Start Num: 66

Candidate Starts for QTRlifeCrisis_13:

(Start: 66 @6459 has 361 MA's), (Start: 75 @6492 has 5 MA's), (Start: 80 @6510 has 1 MA's), (Start: 81 @6513 has 2 MA's), (160, 6702), (184, 6780), (189, 6798), (198, 6831), (201, 6843), (233, 6918), (252, 6981), (258, 6993), (264, 7014), (267, 7026), (270, 7044), (276, 7062), (282, 7086), (297, 7125), (317, 7206), (323, 7230), (324, 7233), (325, 7236), (330, 7245), (365, 7332), (378, 7377), (393, 7419),

Gene: Quasimodo_255 Start: 144832, Stop: 145860, Start Num: 56

Candidate Starts for Quasimodo_255:

(Start: 56 @144832 has 172 MA's), (Start: 66 @144862 has 361 MA's), (71, 144874), (Start: 81 @144916 has 2 MA's), (98, 144979), (105, 145000), (Start: 134 @145084 has 1 MA's), (160, 145126), (164, 145138), (168, 145153), (189, 145222), (198, 145249), (218, 145303), (231, 145348), (232, 145351), (257, 145429), (264, 145450), (297, 145561), (319, 145651), (323, 145669), (356, 145741), (366, 145774),

Gene: QueenB2_11 Start: 6448, Stop: 7431, Start Num: 66

Candidate Starts for QueenB2_11:

(41, 6406), (Start: 66 @6448 has 361 MA's), (74, 6478), (Start: 75 @6481 has 5 MA's), (Start: 80 @6499 has 1 MA's), (Start: 81 @6502 has 2 MA's), (178, 6739), (182, 6751), (198, 6808), (201, 6820), (231, 6886), (270, 6997), (317, 7144), (358, 7237), (368, 7279), (392, 7351), (409, 7405),

Gene: QueenBeesly_11 Start: 6372, Stop: 7364, Start Num: 66

Candidate Starts for QueenBeesly_11:

(Start: 66 @6372 has 361 MA's), (Start: 80 @6423 has 1 MA's), (Start: 81 @6426 has 2 MA's), (91, 6459), (Start: 100 @6474 has 1 MA's), (158, 6594), (160, 6600), (185, 6687), (198, 6732), (245, 6864), (264, 6903), (277, 6951), (306, 7032), (316, 7074), (354, 7161), (368, 7209), (388, 7275), (412, 7350),

Gene: QuickMath_32 Start: 28868, Stop: 29869, Start Num: 59

Candidate Starts for QuickMath_32:

(Start: 59 @28868 has 240 MA's), (Start: 81 @28943 has 2 MA's), (88, 28976), (98, 29006), (105, 29027), (117, 29057), (119, 29069), (Start: 134 @29111 has 1 MA's), (150, 29135), (160, 29150), (164, 29162), (198, 29273), (237, 29387), (245, 29405), (260, 29444), (267, 29468), (276, 29504), (283, 29531), (297, 29570), (323, 29678), (344, 29726), (351, 29738), (366, 29783), (368, 29795), (378, 29825),

Gene: Quico_32 Start: 27328, Stop: 28329, Start Num: 59

Candidate Starts for Quico_32:

(Start: 59 @27328 has 240 MA's), (Start: 81 @27403 has 2 MA's), (88, 27436), (98, 27466), (105, 27487), (Start: 134 @27571 has 1 MA's), (150, 27595), (160, 27610), (164, 27622), (198, 27733), (237, 27847), (245, 27865), (260, 27904), (267, 27928), (276, 27964), (283, 27991), (297, 28030), (308, 28078), (323, 28138), (344, 28186), (351, 28198), (366, 28243), (368, 28255), (378, 28285),

Gene: QuinnKiro_10 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for QuinnKiro_10:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Rabinovish_245 Start: 143336, Stop: 144364, Start Num: 56

Candidate Starts for Rabinovish_245:

(Start: 56 @143336 has 172 MA's), (Start: 66 @143366 has 361 MA's), (71, 143378), (Start: 81 @143420 has 2 MA's), (98, 143483), (105, 143504), (Start: 134 @143588 has 1 MA's), (160, 143630),

(164, 143642), (168, 143657), (189, 143726), (198, 143753), (218, 143807), (231, 143852), (232, 143855), (257, 143933), (264, 143954), (297, 144065), (319, 144155), (323, 144173), (356, 144245), (366, 144278),

Gene: Rachaly_14 Start: 8129, Stop: 9115, Start Num: 66

Candidate Starts for Rachaly_14:

(Start: 66 @8129 has 361 MA's), (74, 8159), (Start: 80 @8180 has 1 MA's), (Start: 81 @8183 has 2 MA's), (91, 8216), (182, 8432), (197, 8483), (198, 8489), (201, 8501), (209, 8522), (248, 8612), (270, 8678), (317, 8828), (322, 8849), (368, 8963), (392, 9035),

Gene: Radiance_31 Start: 27692, Stop: 28693, Start Num: 59

Candidate Starts for Radiance_31:

(Start: 59 @27692 has 240 MA's), (Start: 81 @27767 has 2 MA's), (88, 27800), (98, 27830), (105, 27851), (117, 27881), (119, 27893), (Start: 134 @27935 has 1 MA's), (150, 27959), (160, 27974), (164, 27986), (198, 28097), (237, 28211), (245, 28229), (260, 28268), (267, 28292), (276, 28328), (297, 28394), (323, 28502), (344, 28550), (351, 28562), (366, 28607), (368, 28619), (378, 28649),

Gene: RagingRooster_47 Start: 41537, Stop: 42601, Start Num: 50

Candidate Starts for RagingRooster_47:

(Start: 50 @41537 has 44 MA's), (72, 41600), (94, 41681), (117, 41747), (120, 41762), (124, 41774), (135, 41801), (167, 41858), (170, 41867), (217, 42014), (223, 42029), (236, 42083), (251, 42116), (265, 42155), (268, 42167), (289, 42248), (297, 42266), (298, 42269), (308, 42314), (344, 42425), (382, 42536), (389, 42557), (402, 42590),

Gene: Rahel_254 Start: 144934, Stop: 145962, Start Num: 56

Candidate Starts for Rahel_254:

(Start: 56 @144934 has 172 MA's), (Start: 66 @144964 has 361 MA's), (71, 144976), (Start: 81 @145018 has 2 MA's), (98, 145081), (105, 145102), (Start: 134 @145186 has 1 MA's), (160, 145228), (164, 145240), (168, 145255), (189, 145324), (198, 145351), (218, 145405), (231, 145450), (232, 145453), (257, 145531), (264, 145552), (297, 145663), (319, 145753), (323, 145771), (356, 145843), (366, 145876),

Gene: Rajelicia_9 Start: 5630, Stop: 6598, Start Num: 66

Candidate Starts for Rajelicia_9:

(Start: 66 @5630 has 361 MA's), (Start: 75 @5663 has 5 MA's), (Start: 80 @5681 has 1 MA's), (Start: 81 @5684 has 2 MA's), (184, 5951), (198, 6002), (201, 6014), (233, 6089), (252, 6152), (258, 6164), (264, 6185), (267, 6197), (270, 6215), (276, 6233), (282, 6257), (297, 6296), (317, 6377), (323, 6401), (324, 6404), (325, 6407), (330, 6416), (365, 6503), (393, 6590),

Gene: Ramsey_34 Start: 28342, Stop: 29358, Start Num: 59

Candidate Starts for Ramsey_34:

(25, 28111), (26, 28114), (28, 28162), (43, 28297), (46, 28306), (Start: 59 @28342 has 240 MA's), (93, 28474), (98, 28495), (105, 28516), (117, 28546), (119, 28558), (Start: 134 @28600 has 1 MA's), (150, 28624), (160, 28639), (164, 28651), (168, 28666), (198, 28762), (237, 28876), (245, 28894), (260, 28933), (267, 28957), (276, 28993), (283, 29020), (292, 29044), (297, 29059), (323, 29167), (344, 29215), (368, 29284), (378, 29314),

Gene: Reba_13 Start: 5704, Stop: 6669, Start Num: 60

Candidate Starts for Reba_13:

(Start: 60 @5704 has 92 MA's), (Start: 81 @5770 has 2 MA's), (102, 5824), (128, 5902), (182, 6025), (198, 6082), (233, 6154), (241, 6193), (250, 6211), (270, 6280), (303, 6397), (308, 6424), (324, 6487), (362, 6577), (364, 6583),

Gene: Rebeuca_11 Start: 5885, Stop: 6859, Start Num: 66

Candidate Starts for Rebeuca_11:

(Start: 66 @5885 has 361 MA's), (Start: 81 @5939 has 2 MA's), (136, 6092), (198, 6254), (203, 6269), (211, 6290), (236, 6362), (238, 6368), (241, 6377), (267, 6446), (270, 6464), (283, 6509), (288, 6527), (308, 6605), (314, 6632), (319, 6647), (324, 6668), (341, 6707), (362, 6758), (372, 6800), (396, 6851),

Gene: RedBird_31 Start: 27495, Stop: 28496, Start Num: 59

Candidate Starts for RedBird_31:

(Start: 59 @27495 has 240 MA's), (Start: 66 @27516 has 361 MA's), (Start: 81 @27570 has 2 MA's), (88, 27603), (98, 27633), (105, 27654), (117, 27684), (119, 27696), (Start: 134 @27738 has 1 MA's), (150, 27762), (160, 27777), (164, 27789), (198, 27900), (237, 28014), (245, 28032), (260, 28071), (267, 28095), (276, 28131), (283, 28158), (297, 28197), (308, 28245), (323, 28305), (344, 28353), (351, 28365), (366, 28410), (368, 28422), (378, 28452),

Gene: RedRock_14 Start: 8396, Stop: 9373, Start Num: 66

Candidate Starts for RedRock_14:

(49, 8351), (Start: 66 @8396 has 361 MA's), (Start: 81 @8450 has 2 MA's), (168, 8639), (178, 8675), (182, 8687), (198, 8744), (211, 8780), (233, 8828), (241, 8867), (267, 8936), (270, 8954), (283, 8999), (288, 9017), (302, 9059), (308, 9107), (314, 9134), (319, 9149), (324, 9170), (340, 9206), (341, 9209), (360, 9251), (362, 9260),

Gene: Redno2_47 Start: 39617, Stop: 40489, Start Num: 86

Candidate Starts for Redno2_47:

(Start: 86 @39617 has 30 MA's), (Start: 100 @39644 has 1 MA's), (Start: 157 @39773 has 2 MA's), (172, 39818), (180, 39839), (188, 39860), (205, 39914), (236, 39995), (331, 40274), (333, 40277), (341, 40301), (355, 40337), (360, 40352), (363, 40364), (367, 40385),

Gene: Refuge_14 Start: 8748, Stop: 9725, Start Num: 66

Candidate Starts for Refuge_14:

(Start: 66 @8748 has 361 MA's), (Start: 81 @8802 has 2 MA's), (105, 8862), (124, 8922), (181, 9060), (183, 9069), (198, 9123), (203, 9138), (236, 9231), (238, 9237), (241, 9246), (270, 9333), (308, 9474), (324, 9537), (353, 9600), (360, 9618), (372, 9669),

Gene: Reindeer_38 Start: 32261, Stop: 33232, Start Num: 63

Candidate Starts for Reindeer_38:

(58, 32246), (Start: 63 @32261 has 13 MA's), (72, 32285), (Start: 75 @32300 has 5 MA's), (76, 32303), (90, 32351), (109, 32393), (129, 32438), (130, 32441), (Start: 143 @32465 has 16 MA's), (159, 32483), (163, 32495), (166, 32504), (182, 32561), (183, 32564), (190, 32588), (198, 32615), (209, 32648), (231, 32699), (237, 32729), (240, 32738), (241, 32741), (274, 32828), (279, 32843), (285, 32861), (326, 32996), (331, 32999), (361, 33071), (363, 33080), (368, 33104), (371, 33116), (392, 33170), (404, 33203),

Gene: Relief_10 Start: 5882, Stop: 6862, Start Num: 68

Candidate Starts for Relief_10:

(Start: 68 @5882 has 108 MA's), (Start: 70 @5885 has 14 MA's), (74, 5909), (Start: 80 @5930 has 1 MA's), (Start: 81 @5933 has 2 MA's), (182, 6182), (198, 6239), (234, 6323), (236, 6344), (248, 6371), (270, 6428), (317, 6578), (363, 6689), (366, 6701), (368, 6713), (392, 6779),

Gene: Renaud18_31 Start: 27722, Stop: 28723, Start Num: 59

Candidate Starts for Renaud18_31:

(Start: 59 @27722 has 240 MA's), (Start: 66 @27743 has 361 MA's), (71, 27755), (Start: 81 @27797 has 2 MA's), (98, 27860), (105, 27881), (117, 27911), (Start: 134 @27965 has 1 MA's), (150, 27989), (164, 28016), (168, 28031), (198, 28127), (236, 28238), (245, 28259), (260, 28298), (264, 28310),

(276, 28358), (283, 28385), (292, 28409), (297, 28424), (323, 28532), (344, 28580), (368, 28649), (378, 28679),

Gene: ResDef_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for ResDef_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Retro23_11 Start: 6523, Stop: 7515, Start Num: 66

Candidate Starts for Retro23_11:

(Start: 66 @6523 has 361 MA's), (Start: 75 @6556 has 5 MA's), (Start: 80 @6574 has 1 MA's), (Start: 81 @6577 has 2 MA's), (91, 6610), (Start: 100 @6625 has 1 MA's), (158, 6745), (160, 6751), (168, 6778), (185, 6838), (198, 6883), (245, 7015), (264, 7054), (277, 7102), (306, 7183), (316, 7225), (354, 7312), (366, 7348), (371, 7372), (384, 7414), (388, 7426), (412, 7501),

Gene: Rey_43 Start: 33168, Stop: 34145, Start Num: 62

Candidate Starts for Rey_43:

(Start: 62 @33168 has 8 MA's), (72, 33195), (92, 33267), (109, 33303), (129, 33348), (166, 33414), (190, 33498), (198, 33525), (233, 33612), (240, 33648), (241, 33651), (274, 33738), (279, 33753), (305, 33819), (326, 33906), (331, 33909), (335, 33918), (341, 33930), (344, 33939), (353, 33960), (382, 34056),

Gene: RhynO_11 Start: 5848, Stop: 6822, Start Num: 66

Candidate Starts for RhynO_11:

(Start: 66 @5848 has 361 MA's), (Start: 81 @5902 has 2 MA's), (Start: 100 @5950 has 1 MA's), (136, 6055), (198, 6217), (203, 6232), (211, 6253), (236, 6325), (241, 6340), (267, 6409), (270, 6427), (283, 6472), (288, 6490), (308, 6568), (314, 6595), (319, 6610), (324, 6631), (341, 6670), (362, 6721), (372, 6763), (396, 6814),

Gene: Rhynn_10 Start: 6060, Stop: 7028, Start Num: 66

Candidate Starts for Rhynn_10:

(Start: 66 @6060 has 361 MA's), (Start: 75 @6093 has 5 MA's), (Start: 80 @6111 has 1 MA's), (Start: 81 @6114 has 2 MA's), (184, 6381), (198, 6432), (201, 6444), (233, 6519), (252, 6582), (258, 6594), (264, 6615), (270, 6645), (276, 6663), (282, 6687), (297, 6726), (317, 6807), (323, 6831), (324, 6834), (325, 6837), (330, 6846), (331, 6849), (365, 6933), (378, 6978), (393, 7020),

Gene: Rialto_35 Start: 29850, Stop: 30851, Start Num: 59

Candidate Starts for Rialto_35:

(Start: 59 @29850 has 240 MA's), (Start: 81 @29925 has 2 MA's), (88, 29958), (98, 29988), (105, 30009), (Start: 134 @30093 has 1 MA's), (150, 30117), (160, 30132), (164, 30144), (198, 30255), (237, 30369), (245, 30387), (260, 30426), (267, 30450), (276, 30486), (283, 30513), (297, 30552), (308, 30600), (323, 30660), (351, 30720), (365, 30762), (366, 30765), (368, 30777), (378, 30807),

Gene: RidgeCB_10 Start: 5587, Stop: 6555, Start Num: 66

Candidate Starts for RidgeCB_10:

(Start: 66 @5587 has 361 MA's), (Start: 75 @5620 has 5 MA's), (Start: 80 @5638 has 1 MA's), (Start: 81 @5641 has 2 MA's), (184, 5908), (189, 5926), (198, 5959), (201, 5971), (233, 6046), (252, 6109), (258, 6121), (264, 6142), (267, 6154), (270, 6172), (274, 6187), (276, 6190), (297, 6253), (317, 6334), (323, 6358), (324, 6361), (325, 6364), (330, 6373), (365, 6460), (393, 6547),

Gene: Ringer_10 Start: 6258, Stop: 7226, Start Num: 66

Candidate Starts for Ringer_10:

(Start: 66 @6258 has 361 MA's), (Start: 75 @6291 has 5 MA's), (Start: 80 @6309 has 1 MA's), (Start: 81 @6312 has 2 MA's), (184, 6579), (198, 6630), (201, 6642), (233, 6717), (252, 6780), (264, 6813), (267, 6825), (270, 6843), (276, 6861), (297, 6924), (317, 7005), (323, 7029), (324, 7032), (325, 7035), (330, 7044), (365, 7131), (378, 7176), (393, 7218),

Gene: Riparian_39 Start: 34810, Stop: 35859, Start Num: 56

Candidate Starts for Riparian_39:

(Start: 56 @34810 has 172 MA's), (Start: 81 @34894 has 2 MA's), (84, 34903), (89, 34927), (98, 34957), (105, 34978), (118, 35014), (124, 35035), (128, 35044), (Start: 134 @35062 has 1 MA's), (170, 35131), (219, 35284), (244, 35383), (256, 35410), (275, 35482), (294, 35536), (341, 35689), (353, 35713), (356, 35722), (367, 35764), (368, 35767), (369, 35773), (373, 35782), (386, 35818), (389, 35827), (396, 35836),

Gene: Rita_32 Start: 27771, Stop: 28772, Start Num: 59

Candidate Starts for Rita_32:

(Start: 59 @27771 has 240 MA's), (Start: 81 @27846 has 2 MA's), (88, 27879), (98, 27909), (105, 27930), (Start: 134 @28014 has 1 MA's), (164, 28065), (198, 28176), (236, 28287), (245, 28308), (260, 28347), (267, 28371), (276, 28407), (283, 28434), (292, 28458), (297, 28473), (323, 28581), (344, 28629), (368, 28698), (378, 28728),

Gene: Rita1961_47 Start: 41520, Stop: 42584, Start Num: 50

Candidate Starts for Rita1961_47:

(Start: 50 @41520 has 44 MA's), (72, 41583), (94, 41664), (117, 41730), (120, 41745), (124, 41757), (135, 41784), (167, 41841), (170, 41850), (217, 41997), (223, 42012), (236, 42066), (251, 42099), (265, 42138), (268, 42150), (289, 42231), (297, 42249), (298, 42252), (344, 42408), (382, 42519), (389, 42540), (402, 42573),

Gene: RitaG_32 Start: 27960, Stop: 28961, Start Num: 59

Candidate Starts for RitaG_32:

(Start: 59 @27960 has 240 MA's), (Start: 81 @28035 has 2 MA's), (88, 28068), (98, 28098), (105, 28119), (Start: 134 @28203 has 1 MA's), (150, 28227), (160, 28242), (164, 28254), (198, 28365), (237, 28479), (245, 28497), (260, 28536), (267, 28560), (276, 28596), (283, 28623), (297, 28662), (323, 28770), (351, 28830), (368, 28887), (378, 28917),

Gene: Rizal_241 Start: 142749, Stop: 143777, Start Num: 56

Candidate Starts for Rizal_241:

(Start: 56 @142749 has 172 MA's), (Start: 66 @142779 has 361 MA's), (71, 142791), (Start: 81 @142833 has 2 MA's), (98, 142896), (105, 142917), (Start: 134 @143001 has 1 MA's), (160, 143043), (164, 143055), (168, 143070), (189, 143139), (198, 143166), (218, 143220), (231, 143265), (232, 143268), (257, 143346), (264, 143367), (297, 143478), (319, 143568), (323, 143586), (356, 143658), (366, 143691),

Gene: RoMag_247 Start: 144530, Stop: 145558, Start Num: 56

Candidate Starts for RoMag_247:

(Start: 56 @144530 has 172 MA's), (Start: 66 @144560 has 361 MA's), (71, 144572), (Start: 81 @144614 has 2 MA's), (98, 144677), (105, 144698), (Start: 134 @144782 has 1 MA's), (160, 144824), (164, 144836), (168, 144851), (189, 144920), (198, 144947), (218, 145001), (231, 145046), (232, 145049), (257, 145127), (264, 145148), (297, 145259), (319, 145349), (323, 145367), (356, 145439), (366, 145472),

Gene: Rockne_31 Start: 27499, Stop: 28500, Start Num: 59

Candidate Starts for Rockne_31:

(23, 27247), (34, 27400), (Start: 59 @27499 has 240 MA's), (Start: 66 @27520 has 361 MA's), (71, 27532), (Start: 81 @27574 has 2 MA's), (98, 27637), (105, 27658), (117, 27688), (Start: 134 @27742 has 1 MA's), (150, 27766), (164, 27793), (198, 27904), (237, 28018), (245, 28036), (260, 28075), (267, 28099), (276, 28135), (283, 28162), (297, 28201), (308, 28249), (323, 28309), (351, 28369), (368, 28426), (378, 28456),

Gene: Rockstar_10 Start: 5610, Stop: 6350, Start Num: 152

Candidate Starts for Rockstar_10:

(Start: 152 @5610 has 17 MA's), (182, 5697), (198, 5754), (201, 5766), (203, 5769), (212, 5793), (221, 5808), (236, 5856), (238, 5862), (250, 5889), (270, 5958), (293, 6030), (298, 6042), (303, 6072), (308, 6099), (314, 6126), (323, 6159), (324, 6162), (341, 6201), (363, 6255), (395, 6342),

Gene: RockyHorror_32 Start: 27441, Stop: 28442, Start Num: 59

Candidate Starts for RockyHorror_32:

(8, 26961), (11, 27000), (19, 27153), (23, 27189), (Start: 59 @27441 has 240 MA's), (Start: 81 @27516 has 2 MA's), (88, 27549), (98, 27579), (105, 27600), (Start: 134 @27684 has 1 MA's), (150, 27708), (160, 27723), (164, 27735), (198, 27846), (237, 27960), (245, 27978), (260, 28017), (267, 28041), (276, 28077), (283, 28104), (297, 28143), (323, 28251), (351, 28311), (366, 28356), (368, 28368), (378, 28398),

Gene: Rohr_11 Start: 6266, Stop: 7234, Start Num: 66

Candidate Starts for Rohr_11:

(Start: 66 @6266 has 361 MA's), (Start: 75 @6299 has 5 MA's), (Start: 80 @6317 has 1 MA's), (Start: 81 @6320 has 2 MA's), (184, 6587), (198, 6638), (201, 6650), (233, 6725), (252, 6788), (264, 6821), (267, 6833), (270, 6851), (274, 6866), (276, 6869), (282, 6893), (297, 6932), (317, 7013), (323, 7037), (324, 7040), (325, 7043), (330, 7052), (365, 7139), (378, 7184), (393, 7226),

Gene: RomaT_47 Start: 42310, Stop: 43374, Start Num: 50

Candidate Starts for RomaT_47:

(Start: 50 @42310 has 44 MA's), (72, 42373), (94, 42454), (117, 42520), (120, 42535), (124, 42547), (135, 42574), (167, 42631), (170, 42640), (217, 42787), (223, 42802), (236, 42856), (251, 42889), (265, 42928), (268, 42940), (289, 43021), (297, 43039), (298, 43042), (308, 43087), (344, 43198), (382, 43309), (389, 43330), (402, 43363),

Gene: Romney_10 Start: 5880, Stop: 6860, Start Num: 68

Candidate Starts for Romney_10:

(Start: 68 @5880 has 108 MA's), (Start: 70 @5883 has 14 MA's), (74, 5907), (Start: 80 @5928 has 1 MA's), (Start: 81 @5931 has 2 MA's), (182, 6180), (198, 6237), (234, 6321), (236, 6342), (248, 6369), (270, 6426), (317, 6576), (363, 6687), (366, 6699), (368, 6711), (392, 6777),

Gene: Ronan_248 Start: 142911, Stop: 143939, Start Num: 56

Candidate Starts for Ronan_248:

(Start: 56 @142911 has 172 MA's), (Start: 66 @142941 has 361 MA's), (Start: 81 @142995 has 2 MA's), (98, 143058), (105, 143079), (Start: 134 @143163 has 1 MA's), (160, 143205), (164, 143217), (168, 143232), (189, 143301), (198, 143328), (218, 143382), (231, 143427), (232, 143430), (257, 143508), (264, 143529), (297, 143640), (319, 143730), (323, 143748), (356, 143820), (366, 143853),

Gene: Roosevelt_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Roosevelt_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Roots515_255 Start: 146075, Stop: 147103, Start Num: 56

Candidate Starts for Roots515_255:

(Start: 56 @146075 has 172 MA's), (Start: 66 @146105 has 361 MA's), (71, 146117), (Start: 81 @146159 has 2 MA's), (98, 146222), (105, 146243), (Start: 134 @146327 has 1 MA's), (160, 146369), (164, 146381), (168, 146396), (189, 146465), (198, 146492), (218, 146546), (231, 146591), (232, 146594), (257, 146672), (264, 146693), (297, 146804), (319, 146894), (323, 146912), (356, 146984), (366, 147017),

Gene: Rope_39 Start: 34990, Stop: 36039, Start Num: 56

Candidate Starts for Rope_39:

(Start: 56 @34990 has 172 MA's), (Start: 81 @35074 has 2 MA's), (84, 35083), (89, 35107), (98, 35137), (105, 35158), (118, 35194), (124, 35215), (128, 35224), (Start: 134 @35242 has 1 MA's), (170, 35311), (219, 35464), (244, 35563), (256, 35590), (275, 35662), (294, 35716), (341, 35869), (353, 35893), (356, 35902), (367, 35944), (368, 35947), (369, 35953), (373, 35962), (386, 35998), (389, 36007), (396, 36016),

Gene: Rose5_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Rose5_26:

(Start: 54 @25547 has 27 MA's), (103, 25700), (104, 25703), (115, 25727), (118, 25739), (122, 25757), (129, 25775), (136, 25793), (139, 25799), (144, 25808), (156, 25823), (161, 25838), (182, 25910), (198, 25967), (212, 26006), (238, 26084), (241, 26093), (243, 26096), (250, 26111), (266, 26165), (270, 26186), (274, 26201), (301, 26285), (308, 26315), (324, 26384), (330, 26396), (341, 26420), (347, 26438), (351, 26441), (356, 26453), (358, 26456), (366, 26486), (368, 26498),

Gene: Royals2015_31 Start: 27614, Stop: 28615, Start Num: 59

Candidate Starts for Royals2015_31:

(Start: 59 @27614 has 240 MA's), (Start: 81 @27689 has 2 MA's), (98, 27752), (105, 27773), (Start: 134 @27857 has 1 MA's), (150, 27881), (160, 27896), (164, 27908), (198, 28019), (237, 28133), (245, 28151), (260, 28190), (267, 28214), (276, 28250), (283, 28277), (297, 28316), (308, 28364), (323, 28424), (351, 28484), (366, 28529), (368, 28541), (378, 28571),

Gene: Rubeus_10 Start: 5590, Stop: 6558, Start Num: 66

Candidate Starts for Rubeus_10:

(Start: 66 @5590 has 361 MA's), (Start: 75 @5623 has 5 MA's), (Start: 80 @5641 has 1 MA's), (Start: 81 @5644 has 2 MA's), (184, 5911), (198, 5962), (201, 5974), (233, 6049), (252, 6112), (258, 6124), (264, 6145), (267, 6157), (270, 6175), (276, 6193), (282, 6217), (297, 6256), (317, 6337), (323, 6361), (324, 6364), (325, 6367), (330, 6376), (365, 6463), (393, 6550),

Gene: Ruby_33 Start: 28455, Stop: 29525, Start Num: 59

Candidate Starts for Ruby_33:

(40, 28404), (Start: 59 @28455 has 240 MA's), (Start: 66 @28476 has 361 MA's), (Start: 70 @28482 has 14 MA's), (Start: 75 @28509 has 5 MA's), (77, 28518), (94, 28578), (102, 28605), (124, 28671), (Start: 157 @28725 has 2 MA's), (170, 28767), (184, 28818), (206, 28902), (217, 28932), (226, 28965), (243, 29040), (252, 29061), (289, 29190), (308, 29262), (340, 29358), (344, 29370), (368, 29439), (387, 29496), (390, 29505),

Gene: Rufus_10 Start: 5647, Stop: 6615, Start Num: 66

Candidate Starts for Rufus_10:

(Start: 66 @5647 has 361 MA's), (Start: 75 @5680 has 5 MA's), (Start: 80 @5698 has 1 MA's), (Start: 81 @5701 has 2 MA's), (184, 5968), (198, 6019), (201, 6031), (233, 6106), (252, 6169), (264, 6202), (270, 6232), (276, 6250), (282, 6274), (297, 6313), (317, 6394), (323, 6418), (324, 6421), (325, 6424), (330, 6433), (365, 6520), (393, 6607),

Gene: Ruin_10 Start: 5880, Stop: 6860, Start Num: 68

Candidate Starts for Ruin_10:

(Start: 68 @5880 has 108 MA's), (Start: 70 @5883 has 14 MA's), (74, 5907), (Start: 80 @5928 has 1 MA's), (Start: 81 @5931 has 2 MA's), (182, 6180), (198, 6237), (234, 6321), (236, 6342), (248, 6369), (270, 6426), (317, 6576), (363, 6687), (366, 6699), (368, 6711), (392, 6777),

Gene: Rummer_12 Start: 6046, Stop: 7011, Start Num: 60

Candidate Starts for Rummer_12:

(Start: 60 @6046 has 92 MA's), (Start: 75 @6091 has 5 MA's), (Start: 81 @6112 has 2 MA's), (123, 6232), (182, 6370), (198, 6427), (203, 6442), (236, 6523), (241, 6538), (250, 6556), (267, 6607), (270, 6625), (283, 6670), (308, 6766), (324, 6829), (341, 6868), (362, 6919),

Gene: Rumpelstiltskin_28 Start: 26523, Stop: 27551, Start Num: 54

Candidate Starts for Rumpelstiltskin_28:

(Start: 54 @26523 has 27 MA's), (102, 26673), (Start: 157 @26802 has 2 MA's), (160, 26811), (198, 26943), (238, 27060), (241, 27069), (243, 27072), (250, 27087), (270, 27162), (274, 27177), (308, 27291), (312, 27318), (320, 27345), (324, 27360), (330, 27372), (360, 27438),

Gene: Ruotula_9 Start: 6208, Stop: 7176, Start Num: 66

Candidate Starts for Ruotula_9:

(Start: 66 @6208 has 361 MA's), (Start: 75 @6241 has 5 MA's), (Start: 80 @6259 has 1 MA's), (Start: 81 @6262 has 2 MA's), (184, 6529), (198, 6580), (201, 6592), (233, 6667), (252, 6730), (258, 6742), (264, 6763), (267, 6775), (270, 6793), (276, 6811), (282, 6835), (297, 6874), (317, 6955), (323, 6979), (324, 6982), (325, 6985), (330, 6994), (365, 7081), (393, 7168),

Gene: Rutherferd_11 Start: 6108, Stop: 7076, Start Num: 66

Candidate Starts for Rutherferd_11:

(Start: 66 @6108 has 361 MA's), (Start: 75 @6141 has 5 MA's), (Start: 80 @6159 has 1 MA's), (Start: 81 @6162 has 2 MA's), (160, 6351), (184, 6429), (198, 6480), (201, 6492), (233, 6567), (252, 6630), (264, 6663), (267, 6675), (270, 6693), (276, 6711), (282, 6735), (297, 6774), (317, 6855), (323, 6879), (324, 6882), (325, 6885), (330, 6894), (365, 6981), (393, 7068),

Gene: Ryadel_71 Start: 44253, Stop: 45293, Start Num: 59

Candidate Starts for Ryadel_71:

(Start: 59 @44253 has 240 MA's), (Start: 81 @44328 has 2 MA's), (98, 44409), (Start: 100 @44415 has 1 MA's), (105, 44430), (132, 44511), (Start: 134 @44514 has 1 MA's), (164, 44568), (168, 44583), (198, 44679), (212, 44718), (220, 44748), (231, 44778), (232, 44781), (238, 44814), (264, 44880), (273, 44919), (276, 44928), (283, 44955), (297, 44994), (355, 45168), (368, 45219),

Gene: SG4_32 Start: 28164, Stop: 29234, Start Num: 59

Candidate Starts for SG4_32:

(40, 28110), (Start: 59 @28164 has 240 MA's), (124, 28380), (125, 28383), (Start: 157 @28434 has 2 MA's), (170, 28476), (184, 28527), (217, 28641), (226, 28674), (243, 28749), (252, 28770), (289, 28899), (308, 28971), (340, 29067), (344, 29079), (368, 29148), (387, 29205), (390, 29214),

Gene: STLscum_11 Start: 6179, Stop: 7147, Start Num: 66

Candidate Starts for STLscum_11:

(Start: 66 @6179 has 361 MA's), (Start: 75 @6212 has 5 MA's), (Start: 80 @6230 has 1 MA's), (Start: 81 @6233 has 2 MA's), (160, 6422), (184, 6500), (198, 6551), (201, 6563), (233, 6638), (252, 6701), (264, 6734), (267, 6746), (270, 6764), (276, 6782), (297, 6845), (317, 6926), (323, 6950), (324, 6953), (325, 6956), (330, 6965), (365, 7052), (378, 7097), (393, 7139),

Gene: Saal_31 Start: 27571, Stop: 28572, Start Num: 59

Candidate Starts for Saal_31:

(Start: 59 @27571 has 240 MA's), (Start: 81 @27646 has 2 MA's), (88, 27679), (98, 27709), (105, 27730), (117, 27760), (119, 27772), (Start: 134 @27814 has 1 MA's), (150, 27838), (160, 27853), (164, 27865), (198, 27976), (237, 28090), (245, 28108), (260, 28147), (267, 28171), (276, 28207), (297, 28273), (323, 28381), (344, 28429), (351, 28441), (366, 28486), (368, 28498), (378, 28528),

Gene: Sabbb_32 Start: 27916, Stop: 28917, Start Num: 59

Candidate Starts for Sabbb_32:

(Start: 59 @27916 has 240 MA's), (Start: 81 @27991 has 2 MA's), (88, 28024), (98, 28054), (105, 28075), (117, 28105), (Start: 134 @28159 has 1 MA's), (150, 28183), (160, 28198), (164, 28210), (198, 28321), (237, 28435), (245, 28453), (260, 28492), (267, 28516), (276, 28552), (283, 28579), (297, 28618), (323, 28726), (344, 28774), (351, 28786), (366, 28831), (368, 28843), (378, 28873),

Gene: Sabertooth_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Sabertooth_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Sabia_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for Sabia_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: Sabinator_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for Sabinator_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: Sagefire_11 Start: 6861, Stop: 7829, Start Num: 66

Candidate Starts for Sagefire_11:

(Start: 66 @6861 has 361 MA's), (Start: 75 @6894 has 5 MA's), (Start: 80 @6912 has 1 MA's), (Start: 81 @6915 has 2 MA's), (184, 7182), (198, 7233), (201, 7245), (233, 7320), (252, 7383), (258, 7395), (264, 7416), (267, 7428), (270, 7446), (276, 7464), (282, 7488), (297, 7527), (317, 7608), (323, 7632), (324, 7635), (325, 7638), (330, 7647), (365, 7734), (393, 7821),

Gene: Salacia_254 Start: 146399, Stop: 147427, Start Num: 56

Candidate Starts for Salacia_254:

(Start: 56 @146399 has 172 MA's), (Start: 66 @146429 has 361 MA's), (71, 146441), (Start: 81 @146483 has 2 MA's), (98, 146546), (105, 146567), (Start: 134 @146651 has 1 MA's), (160, 146693), (164, 146705), (168, 146720), (189, 146789), (198, 146816), (218, 146870), (231, 146915), (232, 146918), (257, 146996), (264, 147017), (297, 147128), (319, 147218), (323, 147236), (356, 147308), (366, 147341),

Gene: Samty_28 Start: 26853, Stop: 27896, Start Num: 66

Candidate Starts for Samty_28:

(Start: 66 @26853 has 361 MA's), (Start: 70 @26859 has 14 MA's), (Start: 75 @26886 has 5 MA's), (Start: 81 @26907 has 2 MA's), (Start: 100 @26958 has 1 MA's), (128, 27039), (172, 27144), (197, 27225), (198, 27231), (235, 27327), (239, 27345), (241, 27351), (245, 27357), (270, 27429), (286, 27486), (290, 27489), (309, 27546), (327, 27621), (336, 27642), (343, 27666), (348, 27681), (353, 27693), (368, 27750), (404, 27852), (408, 27873),

Gene: Sandaddy_9 Start: 6038, Stop: 6952, Start Num: 81

Candidate Starts for Sandaddy_9:

(Start: 66 @5984 has 361 MA's), (Start: 75 @6017 has 5 MA's), (Start: 80 @6035 has 1 MA's), (Start: 81 @6038 has 2 MA's), (184, 6305), (198, 6356), (201, 6368), (233, 6443), (252, 6506), (264, 6539), (267, 6551), (270, 6569), (276, 6587), (297, 6650), (317, 6731), (323, 6755), (324, 6758), (325, 6761), (330, 6770), (365, 6857), (378, 6902), (393, 6944),

Gene: Sandalphon_32 Start: 28302, Stop: 29303, Start Num: 59

Candidate Starts for Sandalphon_32:

(Start: 59 @28302 has 240 MA's), (Start: 81 @28377 has 2 MA's), (88, 28410), (98, 28440), (105, 28461), (Start: 134 @28545 has 1 MA's), (150, 28569), (160, 28584), (164, 28596), (198, 28707), (237, 28821), (245, 28839), (260, 28878), (267, 28902), (276, 28938), (283, 28965), (297, 29004), (323, 29112), (351, 29172), (368, 29229), (378, 29259),

Gene: SarFire_10 Start: 5845, Stop: 6813, Start Num: 66

Candidate Starts for SarFire_10:

(Start: 66 @5845 has 361 MA's), (Start: 75 @5878 has 5 MA's), (Start: 80 @5896 has 1 MA's), (Start: 81 @5899 has 2 MA's), (184, 6166), (194, 6202), (198, 6217), (201, 6229), (233, 6304), (252, 6367), (264, 6400), (267, 6412), (270, 6430), (276, 6448), (282, 6472), (297, 6511), (317, 6592), (323, 6616), (324, 6619), (325, 6622), (330, 6631), (365, 6718), (393, 6805),

Gene: Sarma624_27 Start: 23733, Stop: 24731, Start Num: 59

Candidate Starts for Sarma624_27:

(Start: 59 @23733 has 240 MA's), (Start: 81 @23808 has 2 MA's), (98, 23868), (105, 23889), (Start: 134 @23973 has 1 MA's), (164, 24024), (168, 24039), (198, 24135), (233, 24222), (236, 24246), (245, 24267), (260, 24306), (264, 24318), (276, 24366), (283, 24393), (292, 24417), (297, 24432), (323, 24540), (344, 24588), (368, 24657), (378, 24687),

Gene: Sassafras_32 Start: 28184, Stop: 29200, Start Num: 59

Candidate Starts for Sassafras_32:

(25, 27953), (26, 27956), (28, 28004), (43, 28139), (46, 28148), (Start: 59 @28184 has 240 MA's), (93, 28316), (98, 28337), (105, 28358), (117, 28388), (119, 28400), (Start: 134 @28442 has 1 MA's), (164, 28493), (198, 28604), (237, 28718), (245, 28736), (260, 28775), (267, 28799), (276, 28835), (283, 28862), (297, 28901), (308, 28949), (323, 29009), (344, 29057), (351, 29069), (366, 29114), (368, 29126), (378, 29156),

Gene: SassyB_31 Start: 27830, Stop: 28831, Start Num: 59

Candidate Starts for SassyB_31:

(Start: 59 @27830 has 240 MA's), (Start: 81 @27905 has 2 MA's), (88, 27938), (98, 27968), (105, 27989), (Start: 134 @28073 has 1 MA's), (150, 28097), (160, 28112), (164, 28124), (198, 28235), (245, 28367), (260, 28406), (267, 28430), (276, 28466), (283, 28493), (297, 28532), (323, 28640), (351, 28700), (366, 28745), (368, 28757), (378, 28787),

Gene: SaturnRing_10 Start: 5739, Stop: 6479, Start Num: 152

Candidate Starts for SaturnRing_10:

(Start: 86 @5622 has 30 MA's), (Start: 152 @5739 has 17 MA's), (182, 5826), (198, 5883), (201, 5895), (203, 5898), (212, 5922), (221, 5937), (229, 5955), (236, 5985), (238, 5991), (241, 6000), (250, 6018), (267, 6069), (270, 6087), (293, 6159), (303, 6201), (308, 6228), (314, 6255), (323, 6288), (324, 6291), (341, 6330), (395, 6471),

Gene: Sauce_249 Start: 144258, Stop: 145286, Start Num: 56

Candidate Starts for Sauce_249:

(Start: 56 @144258 has 172 MA's), (Start: 66 @144288 has 361 MA's), (71, 144300), (Start: 81 @144342 has 2 MA's), (98, 144405), (105, 144426), (Start: 134 @144510 has 1 MA's), (160, 144552), (164, 144564), (168, 144579), (189, 144648), (198, 144675), (218, 144729), (231, 144774), (232, 144777), (257, 144855), (264, 144876), (297, 144987), (319, 145077), (323, 145095), (356, 145167), (366, 145200),

Gene: Scamp_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Scamp_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Schatzie_46 Start: 41633, Stop: 42505, Start Num: 86

Candidate Starts for Schatzie_46:

(Start: 86 @41633 has 30 MA's), (Start: 100 @41660 has 1 MA's), (123, 41720), (148, 41768), (172, 41834), (180, 41855), (188, 41876), (205, 41930), (236, 42011), (331, 42290), (333, 42293), (341, 42317), (355, 42353), (360, 42368), (363, 42380), (367, 42401),

Gene: SchoolBus_67 Start: 43413, Stop: 44453, Start Num: 59

Candidate Starts for SchoolBus_67:

(Start: 59 @43413 has 240 MA's), (Start: 81 @43488 has 2 MA's), (98, 43569), (Start: 100 @43575 has 1 MA's), (105, 43590), (132, 43671), (Start: 134 @43674 has 1 MA's), (164, 43728), (168, 43743), (198, 43839), (212, 43878), (220, 43908), (231, 43938), (232, 43941), (238, 43974), (264, 44040), (276, 44088), (283, 44115), (297, 44154), (355, 44328), (368, 44379),

Gene: Schuy_65 Start: 43204, Stop: 44244, Start Num: 59

Candidate Starts for Schuy_65:

(Start: 59 @43204 has 240 MA's), (Start: 81 @43279 has 2 MA's), (98, 43360), (Start: 100 @43366 has 1 MA's), (105, 43381), (132, 43462), (Start: 134 @43465 has 1 MA's), (164, 43519), (168, 43534), (198, 43630), (212, 43669), (220, 43699), (231, 43729), (232, 43732), (238, 43765), (264, 43831), (273, 43870), (276, 43879), (283, 43906), (297, 43945), (355, 44119), (368, 44170),

Gene: ScottMcG_244 Start: 143459, Stop: 144487, Start Num: 56

Candidate Starts for ScottMcG_244:

(Start: 56 @143459 has 172 MA's), (Start: 66 @143489 has 361 MA's), (71, 143501), (Start: 81 @143543 has 2 MA's), (98, 143606), (105, 143627), (Start: 134 @143711 has 1 MA's), (160, 143753), (164, 143765), (168, 143780), (189, 143849), (198, 143876), (218, 143930), (231, 143975), (232, 143978), (257, 144056), (264, 144077), (297, 144188), (319, 144278), (323, 144296), (356, 144368), (366, 144401),

Gene: Scottish_32 Start: 28820, Stop: 29821, Start Num: 59

Candidate Starts for Scottish_32:

(30, 28658), (Start: 59 @28820 has 240 MA's), (Start: 81 @28895 has 2 MA's), (88, 28928), (98, 28958), (105, 28979), (117, 29009), (119, 29021), (Start: 134 @29063 has 1 MA's), (150, 29087), (160, 29102), (164, 29114), (198, 29225), (237, 29339), (245, 29357), (260, 29396), (267, 29420), (276, 29456), (283, 29483), (297, 29522), (308, 29570), (323, 29630), (344, 29678), (351, 29690), (366, 29735), (368, 29747), (378, 29777),

Gene: Scout_10 Start: 5032, Stop: 5772, Start Num: 152

Candidate Starts for Scout_10:

(Start: 152 @5032 has 17 MA's), (182, 5119), (198, 5176), (201, 5188), (203, 5191), (212, 5215), (221, 5230), (229, 5248), (236, 5278), (238, 5284), (250, 5311), (270, 5380), (293, 5452), (303, 5494), (308, 5521), (314, 5548), (323, 5581), (324, 5584), (341, 5623), (395, 5764),

Gene: Scowl_11 Start: 6537, Stop: 7505, Start Num: 66

Candidate Starts for Scowl_11:

(Start: 66 @6537 has 361 MA's), (Start: 75 @6570 has 5 MA's), (Start: 80 @6588 has 1 MA's), (Start: 81 @6591 has 2 MA's), (184, 6858), (198, 6909), (201, 6921), (233, 6996), (252, 7059), (258, 7071), (264, 7092), (267, 7104), (270, 7122), (276, 7140), (282, 7164), (297, 7203), (317, 7284), (323, 7308), (324, 7311), (325, 7314), (330, 7323), (365, 7410), (393, 7497),

Gene: Seabastian_31 Start: 27728, Stop: 28729, Start Num: 59

Candidate Starts for Seabastian_31:

(2, 27107), (6, 27185), (8, 27248), (11, 27287), (16, 27419), (19, 27440), (23, 27476), (34, 27629), (Start: 59 @27728 has 240 MA's), (Start: 66 @27749 has 361 MA's), (71, 27761), (Start: 81 @27803 has 2 MA's), (88, 27836), (98, 27866), (105, 27887), (Start: 134 @27971 has 1 MA's), (150, 27995), (160, 28010), (164, 28022), (198, 28133), (237, 28247), (245, 28265), (260, 28304), (267, 28328), (276, 28364), (283, 28391), (297, 28430), (323, 28538), (344, 28586), (351, 28598), (365, 28640), (366, 28643), (368, 28655), (378, 28685),

Gene: Seabiscuit_11 Start: 5728, Stop: 6696, Start Num: 66

Candidate Starts for Seabiscuit_11:

(Start: 66 @5728 has 361 MA's), (Start: 75 @5761 has 5 MA's), (Start: 80 @5779 has 1 MA's), (Start: 81 @5782 has 2 MA's), (184, 6049), (198, 6100), (201, 6112), (233, 6187), (252, 6250), (264, 6283), (267, 6295), (270, 6313), (276, 6331), (282, 6355), (297, 6394), (317, 6475), (323, 6499), (324, 6502), (325, 6505), (330, 6514), (365, 6601), (393, 6688),

Gene: Seagreen_32 Start: 27637, Stop: 28638, Start Num: 59

Candidate Starts for Seagreen_32:

(Start: 59 @27637 has 240 MA's), (Start: 81 @27712 has 2 MA's), (88, 27745), (98, 27775), (105, 27796), (Start: 134 @27880 has 1 MA's), (150, 27904), (160, 27919), (164, 27931), (198, 28042), (237, 28156), (245, 28174), (260, 28213), (267, 28237), (276, 28273), (283, 28300), (297, 28339), (323, 28447), (344, 28495), (351, 28507), (366, 28552), (368, 28564), (378, 28594),

Gene: Seanderson_11 Start: 6516, Stop: 7478, Start Num: 66

Candidate Starts for Seanderson_11:

(Start: 66 @6516 has 361 MA's), (Start: 75 @6549 has 5 MA's), (Start: 80 @6567 has 1 MA's), (Start: 81 @6570 has 2 MA's), (164, 6771), (184, 6837), (198, 6882), (234, 6972), (260, 7053), (264, 7065), (267, 7077), (270, 7095), (276, 7113), (282, 7137), (297, 7176), (317, 7257), (323, 7281), (324, 7284), (325, 7287), (330, 7296), (360, 7362), (365, 7383), (393, 7470),

Gene: Sebata_252 Start: 145118, Stop: 146146, Start Num: 56

Candidate Starts for Sebata_252:

(Start: 56 @145118 has 172 MA's), (Start: 66 @145148 has 361 MA's), (Start: 81 @145202 has 2 MA's), (98, 145265), (105, 145286), (Start: 134 @145370 has 1 MA's), (160, 145412), (164, 145424), (168, 145439), (189, 145508), (198, 145535), (218, 145589), (231, 145634), (232, 145637), (257, 145715), (264, 145736), (297, 145847), (319, 145937), (323, 145955), (356, 146027), (366, 146060),

Gene: SemperFi_13 Start: 6800, Stop: 7792, Start Num: 66

Candidate Starts for SemperFi_13:

(Start: 66 @6800 has 361 MA's), (Start: 80 @6851 has 1 MA's), (Start: 81 @6854 has 2 MA's), (91, 6887), (Start: 100 @6902 has 1 MA's), (158, 7022), (160, 7028), (185, 7115), (198, 7160), (245, 7292), (264, 7331), (277, 7379), (306, 7460), (316, 7502), (354, 7589), (368, 7637), (388, 7703), (412, 7778),

Gene: Send513_39 Start: 35346, Stop: 36395, Start Num: 56

Candidate Starts for Send513_39:

(Start: 56 @35346 has 172 MA's), (Start: 81 @35430 has 2 MA's), (84, 35439), (89, 35463), (98, 35493), (105, 35514), (113, 35532), (118, 35550), (124, 35571), (128, 35580), (Start: 134 @35598 has 1 MA's), (Start: 157 @35625 has 2 MA's), (170, 35667), (195, 35757), (210, 35799), (219, 35820), (244, 35919), (256, 35946), (275, 36018), (294, 36072), (340, 36222), (353, 36249), (356, 36258), (367, 36300), (368, 36303), (369, 36309), (373, 36318), (386, 36354), (389, 36363), (396, 36372),

Gene: Serenity_10 Start: 5599, Stop: 6363, Start Num: 143

Candidate Starts for Serenity_10:

(Start: 143 @5599 has 16 MA's), (198, 5743), (237, 5857), (241, 5869), (267, 5938), (270, 5956), (288, 6019), (308, 6097), (314, 6124), (319, 6139), (323, 6157), (324, 6160), (362, 6250), (379, 6319),

Gene: Severus_9 Start: 3780, Stop: 4754, Start Num: 66

Candidate Starts for Severus_9:

(37, 3741), (Start: 66 @3780 has 361 MA's), (Start: 75 @3813 has 5 MA's), (Start: 81 @3834 has 2 MA's), (147, 4002), (164, 4044), (168, 4059), (198, 4164), (233, 4236), (237, 4263), (238, 4266), (241, 4275), (270, 4362), (308, 4509), (324, 4572), (341, 4611), (360, 4653),

Gene: Shaka_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Shaka_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Shaqnato_243 Start: 143667, Stop: 144695, Start Num: 56

Candidate Starts for Shaqnato_243:

(Start: 56 @143667 has 172 MA's), (Start: 66 @143697 has 361 MA's), (Start: 81 @143751 has 2 MA's), (98, 143814), (105, 143835), (Start: 134 @143919 has 1 MA's), (160, 143961), (164, 143973), (168, 143988), (189, 144057), (198, 144084), (218, 144138), (231, 144183), (232, 144186), (257, 144264), (264, 144285), (297, 144396), (319, 144486), (323, 144504), (356, 144576), (366, 144609),

Gene: Shauna1_28 Start: 26660, Stop: 27658, Start Num: 59

Candidate Starts for Shauna1_28:

(Start: 59 @26660 has 240 MA's), (Start: 81 @26735 has 2 MA's), (98, 26795), (105, 26816), (Start: 134 @26900 has 1 MA's), (164, 26951), (168, 26966), (198, 27062), (233, 27149), (236, 27173), (245, 27194), (260, 27233), (264, 27245), (276, 27293), (283, 27320), (292, 27344), (297, 27359), (323, 27467), (344, 27515), (368, 27584), (378, 27614),

Gene: Sheen_12 Start: 7592, Stop: 8332, Start Num: 154

Candidate Starts for Sheen_12:

(124, 7544), (Start: 154 @7592 has 1 MA's), (168, 7628), (198, 7733), (233, 7805), (237, 7832), (241, 7844), (250, 7862), (270, 7931), (288, 7994), (303, 8045), (308, 8072), (314, 8099), (324, 8135), (344, 8183), (362, 8225),

Gene: SheldonCooper_10 Start: 5859, Stop: 6839, Start Num: 68

Candidate Starts for SheldonCooper_10:

(Start: 68 @5859 has 108 MA's), (74, 5886), (Start: 80 @5907 has 1 MA's), (Start: 81 @5910 has 2 MA's), (182, 6159), (198, 6216), (201, 6228), (224, 6279), (234, 6300), (248, 6348), (270, 6405), (317, 6555), (366, 6678), (368, 6690), (392, 6756),

Gene: Shelob_253 Start: 146393, Stop: 147421, Start Num: 56

Candidate Starts for Shelob_253:

(Start: 56 @146393 has 172 MA's), (Start: 66 @146423 has 361 MA's), (71, 146435), (Start: 81 @146477 has 2 MA's), (98, 146540), (105, 146561), (Start: 134 @146645 has 1 MA's), (160, 146687),

(164, 146699), (168, 146714), (189, 146783), (198, 146810), (218, 146864), (231, 146909), (232, 146912), (257, 146990), (264, 147011), (297, 147122), (319, 147212), (323, 147230), (356, 147302), (366, 147335),

Gene: ShiLan_31 Start: 27740, Stop: 28741, Start Num: 59

Candidate Starts for ShiLan_31:

(Start: 59 @27740 has 240 MA's), (Start: 66 @27761 has 361 MA's), (71, 27773), (Start: 81 @27815 has 2 MA's), (98, 27878), (105, 27899), (117, 27929), (Start: 134 @27983 has 1 MA's), (150, 28007), (160, 28022), (164, 28034), (198, 28145), (237, 28259), (245, 28277), (260, 28316), (267, 28340), (276, 28376), (283, 28403), (297, 28442), (308, 28490), (323, 28550), (351, 28610), (368, 28667), (378, 28697),

Gene: ShiaLabeouf_250 Start: 144252, Stop: 145280, Start Num: 56

Candidate Starts for ShiaLabeouf_250:

(Start: 56 @144252 has 172 MA's), (Start: 66 @144282 has 361 MA's), (71, 144294), (Start: 81 @144336 has 2 MA's), (98, 144399), (105, 144420), (Start: 134 @144504 has 1 MA's), (160, 144546), (164, 144558), (168, 144573), (189, 144642), (198, 144669), (218, 144723), (231, 144768), (232, 144771), (257, 144849), (264, 144870), (297, 144981), (319, 145071), (323, 145089), (356, 145161), (366, 145194),

Gene: Shida_67 Start: 43111, Stop: 44151, Start Num: 59

Candidate Starts for Shida_67:

(Start: 59 @43111 has 240 MA's), (Start: 81 @43186 has 2 MA's), (98, 43267), (Start: 100 @43273 has 1 MA's), (105, 43288), (132, 43369), (Start: 134 @43372 has 1 MA's), (164, 43426), (168, 43441), (198, 43537), (212, 43576), (220, 43606), (231, 43636), (232, 43639), (238, 43672), (264, 43738), (273, 43777), (276, 43786), (283, 43813), (297, 43852), (355, 44026), (368, 44077),

Gene: Shifa_228 Start: 143726, Stop: 144754, Start Num: 56

Candidate Starts for Shifa_228:

(Start: 56 @143726 has 172 MA's), (Start: 66 @143756 has 361 MA's), (Start: 81 @143810 has 2 MA's), (98, 143873), (105, 143894), (Start: 134 @143978 has 1 MA's), (160, 144020), (164, 144032), (168, 144047), (189, 144116), (198, 144143), (218, 144197), (231, 144242), (232, 144245), (257, 144323), (264, 144344), (297, 144455), (319, 144545), (323, 144563), (356, 144635), (366, 144668),

Gene: Shnickers_251 Start: 144316, Stop: 145344, Start Num: 56

Candidate Starts for Shnickers_251:

(Start: 56 @144316 has 172 MA's), (Start: 66 @144346 has 361 MA's), (71, 144358), (Start: 81 @144400 has 2 MA's), (98, 144463), (105, 144484), (Start: 134 @144568 has 1 MA's), (160, 144610), (164, 144622), (168, 144637), (189, 144706), (198, 144733), (218, 144787), (231, 144832), (232, 144835), (257, 144913), (264, 144934), (297, 145045), (319, 145135), (323, 145153), (356, 145225), (366, 145258),

Gene: ShortQueendom_9 Start: 5652, Stop: 6620, Start Num: 66

Candidate Starts for ShortQueendom_9:

(Start: 66 @5652 has 361 MA's), (Start: 75 @5685 has 5 MA's), (Start: 80 @5703 has 1 MA's), (Start: 81 @5706 has 2 MA's), (184, 5973), (198, 6024), (201, 6036), (233, 6111), (252, 6174), (258, 6186), (264, 6207), (267, 6219), (270, 6237), (276, 6255), (282, 6279), (297, 6318), (317, 6399), (323, 6423), (324, 6426), (325, 6429), (330, 6438), (345, 6474), (365, 6525), (393, 6612),

Gene: ShowerHandel_32 Start: 27699, Stop: 28700, Start Num: 59

Candidate Starts for ShowerHandel_32:

(Start: 59 @27699 has 240 MA's), (Start: 66 @27720 has 361 MA's), (71, 27732), (Start: 81 @27774 has 2 MA's), (98, 27837), (105, 27858), (117, 27888), (Start: 134 @27942 has 1 MA's), (150, 27966),

(160, 27981), (164, 27993), (198, 28104), (237, 28218), (245, 28236), (260, 28275), (267, 28299), (276, 28335), (283, 28362), (297, 28401), (308, 28449), (323, 28509), (351, 28569), (368, 28626), (378, 28656),

Gene: Shrimp_255 Start: 146010, Stop: 147038, Start Num: 56

Candidate Starts for Shrimp_255:

(Start: 56 @146010 has 172 MA's), (Start: 66 @146040 has 361 MA's), (71, 146052), (Start: 81 @146094 has 2 MA's), (98, 146157), (105, 146178), (Start: 134 @146262 has 1 MA's), (160, 146304), (164, 146316), (168, 146331), (189, 146400), (198, 146427), (218, 146481), (231, 146526), (232, 146529), (257, 146607), (264, 146628), (297, 146739), (319, 146829), (323, 146847), (356, 146919), (366, 146952),

Gene: ShroomBoi_28 Start: 26597, Stop: 27598, Start Num: 59

Candidate Starts for ShroomBoi_28:

(14, 26156), (15, 26195), (22, 26327), (24, 26348), (27, 26384), (Start: 59 @26597 has 240 MA's), (Start: 81 @26672 has 2 MA's), (88, 26705), (98, 26735), (105, 26756), (117, 26786), (119, 26798), (Start: 134 @26840 has 1 MA's), (164, 26891), (168, 26906), (198, 27002), (236, 27113), (245, 27134), (260, 27173), (264, 27185), (276, 27233), (283, 27260), (292, 27284), (297, 27299), (323, 27407), (344, 27455), (368, 27524), (378, 27554),

Gene: Shygu2_10 Start: 5881, Stop: 6864, Start Num: 66

Candidate Starts for Shygu2_10:

(Start: 66 @5881 has 361 MA's), (74, 5911), (Start: 80 @5932 has 1 MA's), (Start: 81 @5935 has 2 MA's), (162, 6115), (182, 6184), (198, 6241), (201, 6253), (213, 6283), (224, 6304), (234, 6325), (248, 6373), (270, 6430), (317, 6580), (366, 6703), (368, 6715), (370, 6724), (392, 6781), (413, 6856),

Gene: SiSi_31 Start: 27498, Stop: 28499, Start Num: 59

Candidate Starts for SiSi_31:

(Start: 59 @27498 has 240 MA's), (Start: 66 @27519 has 361 MA's), (Start: 81 @27573 has 2 MA's), (88, 27606), (98, 27636), (105, 27657), (Start: 134 @27741 has 1 MA's), (150, 27765), (160, 27780), (164, 27792), (198, 27903), (237, 28017), (245, 28035), (260, 28074), (267, 28098), (276, 28134), (283, 28161), (297, 28200), (308, 28248), (323, 28308), (351, 28368), (368, 28425), (378, 28455),

Gene: Sibs6_11 Start: 5783, Stop: 6751, Start Num: 66

Candidate Starts for Sibs6_11:

(Start: 66 @5783 has 361 MA's), (Start: 75 @5816 has 5 MA's), (Start: 80 @5834 has 1 MA's), (Start: 81 @5837 has 2 MA's), (184, 6104), (198, 6155), (201, 6167), (233, 6242), (252, 6305), (258, 6317), (264, 6338), (267, 6350), (270, 6368), (276, 6386), (282, 6410), (297, 6449), (317, 6530), (323, 6554), (324, 6557), (325, 6560), (330, 6569), (365, 6656), (393, 6743),

Gene: SilverDipper_257 Start: 145052, Stop: 146080, Start Num: 56

Candidate Starts for SilverDipper_257:

(Start: 56 @145052 has 172 MA's), (Start: 66 @145082 has 361 MA's), (71, 145094), (Start: 81 @145136 has 2 MA's), (98, 145199), (105, 145220), (Start: 134 @145304 has 1 MA's), (160, 145346), (164, 145358), (168, 145373), (189, 145442), (198, 145469), (218, 145523), (231, 145568), (232, 145571), (257, 145649), (264, 145670), (297, 145781), (319, 145871), (323, 145889), (356, 145961), (366, 145994),

Gene: Silverleaf_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Silverleaf_26:

(Start: 54 @25547 has 27 MA's), (103, 25700), (104, 25703), (115, 25727), (118, 25739), (122, 25757), (129, 25775), (136, 25793), (139, 25799), (144, 25808), (161, 25838), (182, 25910), (198, 25967), (212, 26006), (238, 26084), (241, 26093), (243, 26096), (250, 26111), (266, 26165), (270,

26186), (274, 26201), (301, 26285), (308, 26315), (324, 26384), (330, 26396), (341, 26420), (347, 26438), (351, 26441), (356, 26453), (358, 26456), (366, 26486), (368, 26498),

Gene: SimranZ1_34 Start: 27818, Stop: 28819, Start Num: 59

Candidate Starts for SimranZ1_34:

(10, 27359), (11, 27374), (23, 27566), (34, 27719), (Start: 59 @27818 has 240 MA's), (71, 27851), (Start: 81 @27893 has 2 MA's), (88, 27926), (98, 27956), (105, 27977), (Start: 134 @28061 has 1 MA's), (150, 28085), (160, 28100), (164, 28112), (198, 28223), (237, 28337), (245, 28355), (260, 28394), (267, 28418), (276, 28454), (283, 28481), (297, 28520), (323, 28628), (351, 28688), (366, 28733), (368, 28745), (378, 28775),

Gene: SkiPole_12 Start: 6159, Stop: 7127, Start Num: 66

Candidate Starts for SkiPole_12:

(Start: 66 @6159 has 361 MA's), (Start: 75 @6192 has 5 MA's), (Start: 80 @6210 has 1 MA's), (Start: 81 @6213 has 2 MA's), (184, 6480), (198, 6531), (201, 6543), (233, 6618), (252, 6681), (258, 6693), (264, 6714), (267, 6726), (270, 6744), (276, 6762), (282, 6786), (297, 6825), (317, 6906), (323, 6930), (324, 6933), (325, 6936), (330, 6945), (365, 7032), (378, 7077), (393, 7119),

Gene: Skinny_39 Start: 32223, Stop: 33194, Start Num: 63

Candidate Starts for Skinny_39:

(Start: 63 @32223 has 13 MA's), (72, 32247), (Start: 75 @32262 has 5 MA's), (129, 32400), (Start: 143 @32427 has 16 MA's), (159, 32445), (163, 32457), (166, 32466), (178, 32511), (182, 32523), (190, 32550), (198, 32577), (201, 32589), (221, 32634), (231, 32661), (237, 32691), (240, 32700), (241, 32703), (274, 32790), (279, 32805), (326, 32958), (331, 32961), (356, 33021), (361, 33033), (363, 33042), (371, 33078), (377, 33093), (392, 33132), (404, 33165),

Gene: Skipitt_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Skipitt_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Slagathor_10 Start: 5601, Stop: 6569, Start Num: 66

Candidate Starts for Slagathor_10:

(Start: 66 @5601 has 361 MA's), (Start: 75 @5634 has 5 MA's), (Start: 80 @5652 has 1 MA's), (Start: 81 @5655 has 2 MA's), (184, 5922), (198, 5973), (201, 5985), (233, 6060), (252, 6123), (258, 6135), (264, 6156), (267, 6168), (270, 6186), (276, 6204), (282, 6228), (297, 6267), (317, 6348), (323, 6372), (324, 6375), (325, 6378), (330, 6387), (365, 6474), (393, 6561),

Gene: SlimJimmy_37 Start: 31777, Stop: 32748, Start Num: 63

Candidate Starts for SlimJimmy_37:

(Start: 63 @31777 has 13 MA's), (72, 31801), (Start: 75 @31816 has 5 MA's), (129, 31954), (Start: 143 @31981 has 16 MA's), (159, 31999), (163, 32011), (166, 32020), (178, 32065), (182, 32077), (190, 32104), (198, 32131), (201, 32143), (221, 32188), (231, 32215), (237, 32245), (240, 32254), (241, 32257), (279, 32359), (326, 32512), (331, 32515), (356, 32575), (361, 32587), (363, 32596), (371, 32632), (377, 32647), (392, 32686), (404, 32719),

Gene: SlippinJimmy_47 Start: 42302, Stop: 43366, Start Num: 50

Candidate Starts for SlippinJimmy_47:

(Start: 50 @42302 has 44 MA's), (72, 42365), (94, 42446), (117, 42512), (120, 42527), (124, 42539), (135, 42566), (167, 42623), (170, 42632), (217, 42779), (223, 42794), (236, 42848), (251, 42881), (265, 42920), (268, 42932), (289, 43013), (297, 43031), (298, 43034), (308, 43079), (344, 43190), (382, 43301), (389, 43322), (402, 43355),

Gene: Smairt_11 Start: 6456, Stop: 7424, Start Num: 66

Candidate Starts for Smairt_11:

(Start: 66 @6456 has 361 MA's), (Start: 75 @6489 has 5 MA's), (Start: 80 @6507 has 1 MA's), (Start: 81 @6510 has 2 MA's), (184, 6777), (198, 6828), (201, 6840), (233, 6915), (252, 6978), (258, 6990), (264, 7011), (267, 7023), (270, 7041), (276, 7059), (282, 7083), (297, 7122), (317, 7203), (323, 7227), (324, 7230), (325, 7233), (330, 7242), (365, 7329), (393, 7416),

Gene: SmallFry_253 Start: 144410, Stop: 145438, Start Num: 56

Candidate Starts for SmallFry_253:

(Start: 56 @144410 has 172 MA's), (Start: 66 @144440 has 361 MA's), (71, 144452), (Start: 81 @144494 has 2 MA's), (98, 144557), (105, 144578), (Start: 134 @144662 has 1 MA's), (160, 144704), (164, 144716), (168, 144731), (189, 144800), (198, 144827), (218, 144881), (231, 144926), (232, 144929), (257, 145007), (264, 145028), (297, 145139), (319, 145229), (323, 145247), (356, 145319), (366, 145352),

Gene: Smeagan_13 Start: 6868, Stop: 7860, Start Num: 66

Candidate Starts for Smeagan_13:

(Start: 66 @6868 has 361 MA's), (Start: 81 @6922 has 2 MA's), (158, 7090), (160, 7096), (168, 7123), (185, 7183), (198, 7228), (233, 7315), (245, 7360), (264, 7399), (277, 7447), (306, 7528), (316, 7570), (354, 7657), (368, 7705), (388, 7771),

Gene: Smeagol_11 Start: 6874, Stop: 7845, Start Num: 66

Candidate Starts for Smeagol_11:

(Start: 66 @6874 has 361 MA's), (Start: 75 @6907 has 5 MA's), (Start: 80 @6925 has 1 MA's), (Start: 81 @6928 has 2 MA's), (184, 7195), (198, 7246), (201, 7258), (215, 7294), (233, 7336), (252, 7399), (258, 7411), (264, 7432), (267, 7444), (270, 7462), (276, 7480), (282, 7504), (297, 7543), (317, 7624), (323, 7648), (324, 7651), (325, 7654), (330, 7663), (365, 7750), (378, 7795), (393, 7837),

Gene: Smooch_70 Start: 45157, Stop: 46197, Start Num: 59

Candidate Starts for Smooch_70:

(Start: 59 @45157 has 240 MA's), (Start: 81 @45232 has 2 MA's), (98, 45313), (Start: 100 @45319 has 1 MA's), (105, 45334), (132, 45415), (Start: 134 @45418 has 1 MA's), (164, 45472), (168, 45487), (198, 45583), (212, 45622), (220, 45652), (231, 45682), (232, 45685), (238, 45718), (264, 45784), (273, 45823), (276, 45832), (283, 45859), (297, 45898), (355, 46072), (368, 46123),

Gene: SnapTap_11 Start: 6372, Stop: 7364, Start Num: 66

Candidate Starts for SnapTap_11:

(Start: 66 @6372 has 361 MA's), (Start: 80 @6423 has 1 MA's), (Start: 81 @6426 has 2 MA's), (91, 6459), (Start: 100 @6474 has 1 MA's), (158, 6594), (160, 6600), (185, 6687), (198, 6732), (245, 6864), (264, 6903), (277, 6951), (306, 7032), (316, 7074), (354, 7161), (368, 7209), (388, 7275), (412, 7350),

Gene: Snazzy_8 Start: 5466, Stop: 6434, Start Num: 66

Candidate Starts for Snazzy_8:

(Start: 66 @5466 has 361 MA's), (Start: 75 @5499 has 5 MA's), (Start: 80 @5517 has 1 MA's), (Start: 81 @5520 has 2 MA's), (184, 5787), (198, 5838), (201, 5850), (233, 5925), (252, 5988), (258, 6000), (264, 6021), (267, 6033), (270, 6051), (276, 6069), (282, 6093), (297, 6132), (317, 6213), (323, 6237), (324, 6240), (325, 6243), (330, 6252), (365, 6339), (378, 6384), (393, 6426),

Gene: Snenia_28 Start: 26851, Stop: 27894, Start Num: 66

Candidate Starts for Snenia_28:

(Start: 66 @26851 has 361 MA's), (Start: 70 @26857 has 14 MA's), (Start: 75 @26884 has 5 MA's), (Start: 81 @26905 has 2 MA's), (Start: 100 @26956 has 1 MA's), (128, 27037), (172, 27142), (197,

27223), (198, 27229), (235, 27325), (239, 27343), (241, 27349), (245, 27355), (270, 27427), (286, 27484), (309, 27544), (327, 27619), (336, 27640), (343, 27664), (348, 27679), (353, 27691), (368, 27748), (404, 27850), (408, 27871),

Gene: Snickers_12 Start: 5936, Stop: 6901, Start Num: 60

Candidate Starts for Snickers_12:

(Start: 60 @5936 has 92 MA's), (Start: 75 @5981 has 5 MA's), (Start: 81 @6002 has 2 MA's), (123, 6122), (182, 6260), (198, 6317), (203, 6332), (236, 6413), (241, 6428), (250, 6446), (267, 6497), (270, 6515), (283, 6560), (308, 6656), (324, 6719), (341, 6758), (362, 6809),

Gene: SoYo_12 Start: 5873, Stop: 6838, Start Num: 60

Candidate Starts for SoYo_12:

(Start: 60 @5873 has 92 MA's), (Start: 75 @5918 has 5 MA's), (Start: 81 @5939 has 2 MA's), (123, 6059), (182, 6197), (198, 6254), (203, 6269), (236, 6350), (241, 6365), (250, 6383), (267, 6434), (270, 6452), (283, 6497), (308, 6593), (324, 6656), (341, 6695), (362, 6746),

Gene: SoilDragon_12 Start: 5647, Stop: 6612, Start Num: 60

Candidate Starts for SoilDragon_12:

(Start: 60 @5647 has 92 MA's), (Start: 75 @5692 has 5 MA's), (Start: 81 @5713 has 2 MA's), (123, 5833), (182, 5971), (198, 6028), (203, 6043), (236, 6124), (241, 6139), (250, 6157), (267, 6208), (270, 6226), (283, 6271), (308, 6367), (324, 6430), (341, 6469), (362, 6520),

Gene: Solon_10 Start: 6618, Stop: 7586, Start Num: 66

Candidate Starts for Solon_10:

(Start: 66 @6618 has 361 MA's), (Start: 75 @6651 has 5 MA's), (Start: 80 @6669 has 1 MA's), (Start: 81 @6672 has 2 MA's), (184, 6939), (198, 6990), (201, 7002), (233, 7077), (252, 7140), (258, 7152), (264, 7173), (267, 7185), (270, 7203), (276, 7221), (282, 7245), (297, 7284), (317, 7365), (323, 7389), (324, 7392), (325, 7395), (330, 7404), (365, 7491), (378, 7536), (393, 7578),

Gene: Sorpresa_9 Start: 5984, Stop: 6952, Start Num: 66

Candidate Starts for Sorpresa_9:

(Start: 66 @5984 has 361 MA's), (Start: 75 @6017 has 5 MA's), (Start: 80 @6035 has 1 MA's), (Start: 81 @6038 has 2 MA's), (184, 6305), (198, 6356), (201, 6368), (233, 6443), (252, 6506), (264, 6539), (267, 6551), (270, 6569), (276, 6587), (297, 6650), (317, 6731), (323, 6755), (324, 6758), (325, 6761), (330, 6770), (365, 6857), (378, 6902), (393, 6944),

Gene: Soshari_14 Start: 6045, Stop: 7010, Start Num: 60

Candidate Starts for Soshari_14:

(Start: 60 @6045 has 92 MA's), (Start: 75 @6090 has 5 MA's), (Start: 81 @6111 has 2 MA's), (123, 6231), (182, 6369), (198, 6426), (203, 6441), (236, 6522), (241, 6537), (250, 6555), (267, 6606), (270, 6624), (283, 6669), (308, 6765), (324, 6828), (341, 6867), (362, 6918),

Gene: Soul22_36 Start: 27795, Stop: 28865, Start Num: 59

Candidate Starts for Soul22_36:

(40, 27744), (Start: 59 @27795 has 240 MA's), (Start: 70 @27822 has 14 MA's), (Start: 75 @27849 has 5 MA's), (77, 27858), (94, 27918), (102, 27945), (124, 28011), (Start: 157 @28065 has 2 MA's), (170, 28107), (184, 28158), (217, 28272), (226, 28305), (243, 28380), (252, 28401), (289, 28530), (308, 28602), (340, 28698), (344, 28710), (368, 28779), (387, 28836), (390, 28845),

Gene: Sparkdehlily_31 Start: 27617, Stop: 28618, Start Num: 59

Candidate Starts for Sparkdehlily_31:

(Start: 59 @27617 has 240 MA's), (Start: 81 @27692 has 2 MA's), (88, 27725), (98, 27755), (105, 27776), (117, 27806), (119, 27818), (Start: 134 @27860 has 1 MA's), (150, 27884), (160, 27899),

(164, 27911), (198, 28022), (237, 28136), (245, 28154), (260, 28193), (267, 28217), (276, 28253), (297, 28319), (323, 28427), (344, 28475), (351, 28487), (366, 28532), (368, 28544), (378, 28574),

Gene: Spartacus_33 Start: 28027, Stop: 29028, Start Num: 59

Candidate Starts for Spartacus_33:

(Start: 59 @28027 has 240 MA's), (Start: 81 @28102 has 2 MA's), (88, 28135), (98, 28165), (105, 28186), (Start: 134 @28270 has 1 MA's), (164, 28321), (168, 28336), (198, 28432), (236, 28543), (245, 28564), (260, 28603), (264, 28615), (276, 28663), (283, 28690), (292, 28714), (297, 28729), (323, 28837), (344, 28885), (368, 28954), (378, 28984),

Gene: Sparxx_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Sparxx_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Spec_246 Start: 144422, Stop: 145450, Start Num: 56

Candidate Starts for Spec_246:

(Start: 56 @144422 has 172 MA's), (Start: 66 @144452 has 361 MA's), (71, 144464), (Start: 81 @144506 has 2 MA's), (98, 144569), (105, 144590), (Start: 134 @144674 has 1 MA's), (160, 144716), (164, 144728), (168, 144743), (189, 144812), (198, 144839), (218, 144893), (231, 144938), (232, 144941), (257, 145019), (264, 145040), (297, 145151), (319, 145241), (323, 145259), (356, 145331), (366, 145364),

Gene: Specks_257 Start: 145350, Stop: 146378, Start Num: 56

Candidate Starts for Specks_257:

(Start: 56 @145350 has 172 MA's), (Start: 66 @145380 has 361 MA's), (71, 145392), (Start: 81 @145434 has 2 MA's), (98, 145497), (105, 145518), (Start: 134 @145602 has 1 MA's), (160, 145644), (164, 145656), (168, 145671), (189, 145740), (198, 145767), (218, 145821), (231, 145866), (232, 145869), (257, 145947), (264, 145968), (297, 146079), (319, 146169), (323, 146187), (356, 146259), (366, 146292),

Gene: Spike509_12 Start: 6046, Stop: 7011, Start Num: 60

Candidate Starts for Spike509_12:

(Start: 60 @6046 has 92 MA's), (Start: 75 @6091 has 5 MA's), (Start: 81 @6112 has 2 MA's), (123, 6232), (182, 6370), (198, 6427), (203, 6442), (236, 6523), (241, 6538), (250, 6556), (267, 6607), (270, 6625), (283, 6670), (308, 6766), (324, 6829), (341, 6868), (362, 6919),

Gene: SpikeBT_11 Start: 6419, Stop: 7387, Start Num: 66

Candidate Starts for SpikeBT_11:

(Start: 66 @6419 has 361 MA's), (Start: 75 @6452 has 5 MA's), (Start: 80 @6470 has 1 MA's), (Start: 81 @6473 has 2 MA's), (184, 6740), (198, 6791), (201, 6803), (233, 6878), (252, 6941), (258, 6953), (264, 6974), (267, 6986), (270, 7004), (276, 7022), (282, 7046), (297, 7085), (317, 7166), (323, 7190), (324, 7193), (325, 7196), (330, 7205), (365, 7292), (378, 7337), (393, 7379),

Gene: Spikelee_33 Start: 27770, Stop: 28771, Start Num: 59

Candidate Starts for Spikelee_33:

(Start: 59 @27770 has 240 MA's), (Start: 81 @27845 has 2 MA's), (88, 27878), (98, 27908), (105, 27929), (117, 27959), (119, 27971), (Start: 134 @28013 has 1 MA's), (150, 28037), (160, 28052), (164, 28064), (198, 28175), (237, 28289), (245, 28307), (260, 28346), (267, 28370), (276, 28406), (283, 28433), (297, 28472), (323, 28580), (344, 28628), (368, 28697), (378, 28727),

Gene: Spino_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Spino_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Spoonbill_31 Start: 27781, Stop: 28782, Start Num: 59

Candidate Starts for Spoonbill_31:

(Start: 59 @27781 has 240 MA's), (Start: 81 @27856 has 2 MA's), (88, 27889), (98, 27919), (105, 27940), (117, 27970), (119, 27982), (Start: 134 @28024 has 1 MA's), (150, 28048), (160, 28063), (164, 28075), (198, 28186), (237, 28300), (245, 28318), (260, 28357), (267, 28381), (276, 28417), (297, 28483), (323, 28591), (344, 28639), (351, 28651), (366, 28696), (368, 28708), (378, 28738),

Gene: Sprinklers_250 Start: 144118, Stop: 145146, Start Num: 56

Candidate Starts for Sprinklers_250:

(Start: 56 @144118 has 172 MA's), (Start: 66 @144148 has 361 MA's), (71, 144160), (Start: 81 @144202 has 2 MA's), (98, 144265), (105, 144286), (Start: 134 @144370 has 1 MA's), (160, 144412), (164, 144424), (168, 144439), (189, 144508), (198, 144535), (218, 144589), (231, 144634), (232, 144637), (257, 144715), (264, 144736), (297, 144847), (319, 144937), (323, 144955), (356, 145027), (366, 145060),

Gene: Spud_244 Start: 143867, Stop: 144895, Start Num: 56

Candidate Starts for Spud_244:

(Start: 56 @143867 has 172 MA's), (Start: 66 @143897 has 361 MA's), (71, 143909), (Start: 81 @143951 has 2 MA's), (98, 144014), (105, 144035), (Start: 134 @144119 has 1 MA's), (160, 144161), (164, 144173), (168, 144188), (189, 144257), (198, 144284), (218, 144338), (231, 144383), (232, 144386), (257, 144464), (264, 144485), (297, 144596), (319, 144686), (323, 144704), (356, 144776), (366, 144809),

Gene: Squee_10 Start: 6125, Stop: 7093, Start Num: 66

Candidate Starts for Squee_10:

(Start: 66 @6125 has 361 MA's), (Start: 75 @6158 has 5 MA's), (Start: 80 @6176 has 1 MA's), (Start: 81 @6179 has 2 MA's), (184, 6446), (198, 6497), (201, 6509), (233, 6584), (252, 6647), (264, 6680), (270, 6710), (297, 6791), (317, 6872), (323, 6896), (324, 6899), (325, 6902), (330, 6911), (365, 6998), (393, 7085),

Gene: Squint_47 Start: 39016, Stop: 40020, Start Num: 66

Candidate Starts for Squint_47:

(Start: 66 @39016 has 361 MA's), (Start: 81 @39070 has 2 MA's), (Start: 100 @39121 has 1 MA's), (124, 39193), (164, 39268), (198, 39382), (201, 39394), (214, 39427), (237, 39496), (241, 39508), (247, 39520), (249, 39523), (267, 39568), (270, 39586), (318, 39748), (321, 39763), (324, 39772), (401, 39973),

Gene: SrishMeg2525_250 Start: 145505, Stop: 146533, Start Num: 56

Candidate Starts for SrishMeg2525_250:

(Start: 56 @145505 has 172 MA's), (Start: 66 @145535 has 361 MA's), (71, 145547), (Start: 81 @145589 has 2 MA's), (98, 145652), (105, 145673), (Start: 134 @145757 has 1 MA's), (160, 145799), (164, 145811), (168, 145826), (189, 145895), (198, 145922), (218, 145976), (231, 146021), (232, 146024), (257, 146102), (264, 146123), (297, 146234), (319, 146324), (323, 146342), (356, 146414), (366, 146447),

Gene: StAnnes_30 Start: 27994, Stop: 29064, Start Num: 59

Candidate Starts for StAnnes_30:

(40, 27943), (Start: 59 @27994 has 240 MA's), (Start: 70 @28021 has 14 MA's), (Start: 75 @28048 has 5 MA's), (77, 28057), (94, 28117), (102, 28144), (124, 28210), (Start: 157 @28264 has 2 MA's), (170, 28306), (184, 28357), (217, 28471), (226, 28504), (243, 28579), (252, 28600), (289, 28729), (308, 28801), (340, 28897), (344, 28909), (368, 28978), (387, 29035), (390, 29044),

Gene: Stagni_12 Start: 5964, Stop: 6929, Start Num: 60

Candidate Starts for Stagni_12:

(Start: 60 @5964 has 92 MA's), (Start: 75 @6009 has 5 MA's), (Start: 81 @6030 has 2 MA's), (123, 6150), (182, 6288), (198, 6345), (203, 6360), (236, 6441), (241, 6456), (250, 6474), (267, 6525), (270, 6543), (283, 6588), (308, 6684), (324, 6747), (341, 6786), (362, 6837),

Gene: Stap_32 Start: 27675, Stop: 28676, Start Num: 59

Candidate Starts for Stap_32:

(34, 27576), (Start: 59 @27675 has 240 MA's), (Start: 81 @27750 has 2 MA's), (98, 27813), (Start: 100 @27819 has 1 MA's), (105, 27834), (121, 27882), (Start: 134 @27918 has 1 MA's), (160, 27957), (161, 27960), (164, 27969), (168, 27984), (186, 28041), (198, 28080), (236, 28191), (260, 28251), (264, 28263), (276, 28311), (283, 28338), (297, 28377), (323, 28485), (344, 28533), (368, 28602), (378, 28632),

Gene: StarStuff_14 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for StarStuff_14:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: Starcevich_35 Start: 28400, Stop: 29401, Start Num: 59

Candidate Starts for Starcevich_35:

(Start: 59 @28400 has 240 MA's), (Start: 66 @28421 has 361 MA's), (71, 28433), (Start: 81 @28475 has 2 MA's), (98, 28538), (105, 28559), (117, 28589), (Start: 134 @28643 has 1 MA's), (150, 28667), (160, 28682), (164, 28694), (198, 28805), (237, 28919), (245, 28937), (260, 28976), (267, 29000), (276, 29036), (283, 29063), (297, 29102), (323, 29210), (344, 29258), (351, 29270), (366, 29315), (368, 29327), (378, 29357),

Gene: Stasia_11 Start: 6326, Stop: 7306, Start Num: 68

Candidate Starts for Stasia_11:

(Start: 68 @6326 has 108 MA's), (Start: 70 @6329 has 14 MA's), (74, 6353), (Start: 80 @6374 has 1 MA's), (Start: 81 @6377 has 2 MA's), (182, 6626), (198, 6683), (201, 6695), (234, 6767), (248, 6815), (270, 6872), (317, 7022), (363, 7133), (368, 7157), (392, 7223), (400, 7244), (409, 7277),

Gene: StepMih_12 Start: 5955, Stop: 6920, Start Num: 60

Candidate Starts for StepMih_12:

(Start: 60 @5955 has 92 MA's), (Start: 75 @6000 has 5 MA's), (Start: 81 @6021 has 2 MA's), (123, 6141), (182, 6279), (198, 6336), (203, 6351), (236, 6432), (241, 6447), (250, 6465), (267, 6516), (270, 6534), (283, 6579), (308, 6675), (324, 6738), (341, 6777), (362, 6828),

Gene: StephanieG_246 Start: 145053, Stop: 146081, Start Num: 56

Candidate Starts for StephanieG_246:

(Start: 56 @145053 has 172 MA's), (Start: 66 @145083 has 361 MA's), (71, 145095), (Start: 81 @145137 has 2 MA's), (98, 145200), (105, 145221), (Start: 134 @145305 has 1 MA's), (160, 145347), (164, 145359), (168, 145374), (189, 145443), (198, 145470), (218, 145524), (231, 145569), (232, 145572), (257, 145650), (264, 145671), (297, 145782), (319, 145872), (323, 145890), (356, 145962), (366, 145995),

Gene: StewieG_9 Start: 5834, Stop: 6802, Start Num: 66

Candidate Starts for StewieG_9:

(Start: 66 @5834 has 361 MA's), (Start: 75 @5867 has 5 MA's), (Start: 80 @5885 has 1 MA's), (Start: 81 @5888 has 2 MA's), (184, 6155), (198, 6206), (201, 6218), (233, 6293), (252, 6356), (258, 6368), (264, 6389), (267, 6401), (270, 6419), (276, 6437), (282, 6461), (297, 6500), (317, 6581), (323, 6605), (324, 6608), (325, 6611), (330, 6620), (365, 6707), (393, 6794),

Gene: Stink_10 Start: 5846, Stop: 6826, Start Num: 68

Candidate Starts for Stink_10:

(Start: 68 @5846 has 108 MA's), (74, 5873), (Start: 80 @5894 has 1 MA's), (Start: 81 @5897 has 2 MA's), (182, 6146), (198, 6203), (201, 6215), (224, 6266), (234, 6287), (248, 6335), (270, 6392), (317, 6542), (366, 6665), (368, 6677), (392, 6743), (413, 6818),

Gene: Strobilo_31 Start: 24780, Stop: 25982, Start Num: 66

Candidate Starts for Strobilo_31:

(52, 24738), (Start: 66 @24780 has 361 MA's), (73, 24807), (79, 24828), (88, 24864), (98, 24885), (106, 24912), (126, 24972), (Start: 146 @25008 has 1 MA's), (160, 25041), (161, 25044), (170, 25074), (189, 25140), (201, 25179), (232, 25257), (243, 25302), (267, 25359), (270, 25377), (318, 25542), (323, 25563), (328, 25584), (338, 25689), (339, 25704), (347, 25773), (366, 25830), (389, 25911),

Gene: Strokeseat_32 Start: 28331, Stop: 29347, Start Num: 59

Candidate Starts for Strokeseat_32:

(16, 28013), (17, 28019), (18, 28031), (Start: 20 @28043 has 1 MA's), (21, 28055), (Start: 59 @28331 has 240 MA's), (93, 28463), (98, 28484), (105, 28505), (117, 28535), (119, 28547), (Start: 134 @28589 has 1 MA's), (150, 28613), (160, 28628), (164, 28640), (168, 28655), (198, 28751), (236, 28862), (245, 28883), (260, 28922), (264, 28934), (276, 28982), (283, 29009), (292, 29033), (297, 29048), (323, 29156), (344, 29204), (368, 29273), (378, 29303),

Gene: StrongArm_9 Start: 5686, Stop: 6654, Start Num: 66

Candidate Starts for StrongArm_9:

(Start: 66 @5686 has 361 MA's), (Start: 75 @5719 has 5 MA's), (Start: 80 @5737 has 1 MA's), (Start: 81 @5740 has 2 MA's), (184, 6007), (198, 6058), (201, 6070), (233, 6145), (252, 6208), (264, 6241), (267, 6253), (270, 6271), (276, 6289), (297, 6352), (317, 6433), (323, 6457), (324, 6460), (325, 6463), (330, 6472), (365, 6559), (393, 6646),

Gene: Stubby_235 Start: 141838, Stop: 142866, Start Num: 56

Candidate Starts for Stubby_235:

(Start: 56 @141838 has 172 MA's), (Start: 66 @141868 has 361 MA's), (Start: 81 @141922 has 2 MA's), (98, 141985), (105, 142006), (Start: 134 @142090 has 1 MA's), (160, 142132), (164, 142144), (168, 142159), (189, 142228), (198, 142255), (218, 142309), (231, 142354), (232, 142357), (257, 142435), (264, 142456), (297, 142567), (319, 142657), (323, 142675), (356, 142747), (366, 142780),

Gene: StubbySaigey_259 Start: 145035, Stop: 146063, Start Num: 56

Candidate Starts for StubbySaigey_259:

(Start: 56 @145035 has 172 MA's), (Start: 66 @145065 has 361 MA's), (71, 145077), (Start: 81 @145119 has 2 MA's), (98, 145182), (105, 145203), (Start: 134 @145287 has 1 MA's), (160, 145329), (164, 145341), (168, 145356), (189, 145425), (198, 145452), (218, 145506), (231, 145551), (232, 145554), (257, 145632), (264, 145653), (297, 145764), (319, 145854), (323, 145872), (356, 145944), (366, 145977),

Gene: Sumter_9 Start: 5577, Stop: 6545, Start Num: 66

Candidate Starts for Sumter_9:

(Start: 66 @5577 has 361 MA's), (Start: 75 @5610 has 5 MA's), (Start: 80 @5628 has 1 MA's), (Start: 81 @5631 has 2 MA's), (184, 5898), (198, 5949), (201, 5961), (233, 6036), (252, 6099), (258, 6111), (264, 6132), (267, 6144), (270, 6162), (276, 6180), (282, 6204), (297, 6243), (317, 6324), (323, 6348), (324, 6351), (325, 6354), (330, 6363), (365, 6450), (378, 6495), (393, 6537),

Gene: Sunshine924_9 Start: 5560, Stop: 6528, Start Num: 66

Candidate Starts for Sunshine924_9:

(Start: 66 @5560 has 361 MA's), (Start: 75 @5593 has 5 MA's), (Start: 80 @5611 has 1 MA's), (Start: 81 @5614 has 2 MA's), (184, 5881), (198, 5932), (201, 5944), (233, 6019), (252, 6082), (264, 6115), (267, 6127), (270, 6145), (276, 6163), (282, 6187), (297, 6226), (317, 6307), (323, 6331), (324, 6334), (325, 6337), (330, 6346), (365, 6433), (393, 6520),

Gene: SuperGrey_32 Start: 28493, Stop: 29494, Start Num: 59

Candidate Starts for SuperGrey_32:

(Start: 59 @28493 has 240 MA's), (Start: 81 @28568 has 2 MA's), (88, 28601), (98, 28631), (105, 28652), (Start: 134 @28736 has 1 MA's), (164, 28787), (168, 28802), (198, 28898), (236, 29009), (245, 29030), (260, 29069), (264, 29081), (276, 29129), (283, 29156), (292, 29180), (297, 29195), (323, 29303), (344, 29351), (368, 29420), (378, 29450),

Gene: Superphikiman_48 Start: 39088, Stop: 40092, Start Num: 66

Candidate Starts for Superphikiman_48:

(Start: 66 @39088 has 361 MA's), (Start: 81 @39142 has 2 MA's), (Start: 100 @39193 has 1 MA's), (124, 39265), (164, 39340), (198, 39454), (201, 39466), (214, 39499), (237, 39568), (241, 39580), (247, 39592), (249, 39595), (267, 39640), (270, 39658), (318, 39820), (321, 39835), (324, 39844), (401, 40045),

Gene: SwagPigglett_31 Start: 27510, Stop: 28511, Start Num: 59

Candidate Starts for SwagPigglett_31:

(Start: 59 @27510 has 240 MA's), (Start: 66 @27531 has 361 MA's), (71, 27543), (Start: 81 @27585 has 2 MA's), (98, 27648), (105, 27669), (117, 27699), (Start: 134 @27753 has 1 MA's), (150, 27777), (160, 27792), (164, 27804), (198, 27915), (237, 28029), (245, 28047), (260, 28086), (267, 28110), (276, 28146), (283, 28173), (297, 28212), (308, 28260), (323, 28320), (351, 28380), (368, 28437), (378, 28467),

Gene: SweetiePie_11 Start: 6372, Stop: 7364, Start Num: 66

Candidate Starts for SweetiePie_11:

(Start: 66 @6372 has 361 MA's), (Start: 80 @6423 has 1 MA's), (Start: 81 @6426 has 2 MA's), (91, 6459), (Start: 100 @6474 has 1 MA's), (158, 6594), (160, 6600), (185, 6687), (198, 6732), (245, 6864), (264, 6903), (277, 6951), (306, 7032), (316, 7074), (354, 7161), (368, 7209), (388, 7275), (412, 7350),

Gene: SwissCheese_10 Start: 6022, Stop: 6990, Start Num: 66

Candidate Starts for SwissCheese_10:

(Start: 66 @6022 has 361 MA's), (Start: 75 @6055 has 5 MA's), (Start: 80 @6073 has 1 MA's), (Start: 81 @6076 has 2 MA's), (184, 6343), (198, 6394), (201, 6406), (233, 6481), (252, 6544), (264, 6577), (267, 6589), (270, 6607), (276, 6625), (282, 6649), (297, 6688), (317, 6769), (323, 6793), (324, 6796), (325, 6799), (330, 6808), (365, 6895), (378, 6940), (393, 6982),

Gene: Switzer_10 Start: 5607, Stop: 6575, Start Num: 66

Candidate Starts for Switzer_10:

(Start: 66 @5607 has 361 MA's), (Start: 75 @5640 has 5 MA's), (Start: 80 @5658 has 1 MA's), (Start: 81 @5661 has 2 MA's), (184, 5928), (198, 5979), (201, 5991), (233, 6066), (252, 6129), (258, 6141), (264, 6162), (267, 6174), (270, 6192), (276, 6210), (282, 6234), (297, 6273), (317, 6354), (323, 6378), (324, 6381), (325, 6384), (330, 6393), (360, 6459), (365, 6480), (393, 6567),

Gene: Swole_12 Start: 6545, Stop: 7459, Start Num: 81

Candidate Starts for Swole_12:

(Start: 66 @6491 has 361 MA's), (Start: 75 @6524 has 5 MA's), (Start: 80 @6542 has 1 MA's), (Start: 81 @6545 has 2 MA's), (184, 6812), (198, 6863), (201, 6875), (233, 6950), (252, 7013), (258, 7025), (264, 7046), (270, 7076), (276, 7094), (282, 7118), (297, 7157), (317, 7238), (323, 7262), (324, 7265), (325, 7268), (330, 7277), (365, 7364), (378, 7409), (393, 7451),

Gene: SynergyX_47 Start: 41537, Stop: 42601, Start Num: 50

Candidate Starts for SynergyX_47:

(Start: 50 @41537 has 44 MA's), (72, 41600), (94, 41681), (117, 41747), (120, 41762), (124, 41774), (135, 41801), (167, 41858), (170, 41867), (217, 42014), (223, 42029), (236, 42083), (251, 42116), (265, 42155), (268, 42167), (289, 42248), (297, 42266), (298, 42269), (308, 42314), (344, 42425), (382, 42536), (389, 42557), (402, 42590),

Gene: TChen_31 Start: 28122, Stop: 29198, Start Num: 59

Candidate Starts for TChen_31:

(Start: 59 @28122 has 240 MA's), (Start: 70 @28149 has 14 MA's), (76, 28179), (77, 28185), (98, 28260), (102, 28272), (108, 28290), (128, 28347), (167, 28425), (170, 28434), (184, 28485), (195, 28527), (200, 28551), (202, 28560), (217, 28602), (226, 28635), (236, 28692), (237, 28695), (243, 28710), (249, 28722), (258, 28743), (261, 28755), (268, 28779), (289, 28860), (296, 28884), (308, 28935), (331, 29013), (344, 29043), (345, 29046), (364, 29091), (368, 29112), (390, 29178),

Gene: TDanisky_31 Start: 27617, Stop: 28618, Start Num: 59

Candidate Starts for TDanisky_31:

(Start: 59 @27617 has 240 MA's), (Start: 81 @27692 has 2 MA's), (88, 27725), (98, 27755), (105, 27776), (117, 27806), (119, 27818), (Start: 134 @27860 has 1 MA's), (150, 27884), (160, 27899), (164, 27911), (198, 28022), (237, 28136), (245, 28154), (260, 28193), (267, 28217), (276, 28253), (297, 28319), (323, 28427), (344, 28475), (351, 28487), (366, 28532), (368, 28544), (378, 28574),

Gene: TM4_30 Start: 24984, Stop: 26186, Start Num: 66

Candidate Starts for TM4_30:

(33, 24861), (35, 24882), (52, 24945), (Start: 66 @24984 has 361 MA's), (73, 25011), (79, 25032), (88, 25068), (106, 25113), (Start: 146 @25209 has 1 MA's), (160, 25242), (161, 25245), (170, 25275), (189, 25341), (201, 25380), (232, 25458), (243, 25503), (270, 25578), (297, 25650), (318, 25743), (323, 25764), (328, 25785), (329, 25788), (338, 25902), (339, 25917), (347, 25977), (366, 26034), (389, 26115),

Gene: TNguyen7_10 Start: 5709, Stop: 6449, Start Num: 152

Candidate Starts for TNguyen7_10:

(Start: 86 @5592 has 30 MA's), (Start: 152 @5709 has 17 MA's), (182, 5796), (198, 5853), (201, 5865), (203, 5868), (212, 5892), (221, 5907), (229, 5925), (236, 5955), (238, 5961), (241, 5970), (250, 5988), (267, 6039), (270, 6057), (293, 6129), (303, 6171), (308, 6198), (314, 6225), (323, 6258), (324, 6261), (341, 6300), (395, 6441),

Gene: Taj_31 Start: 27685, Stop: 28683, Start Num: 59

Candidate Starts for Taj_31:

(Start: 59 @27685 has 240 MA's), (Start: 81 @27760 has 2 MA's), (98, 27820), (105, 27841), (Start: 134 @27925 has 1 MA's), (164, 27976), (168, 27991), (198, 28087), (236, 28198), (245, 28219), (260, 28258), (264, 28270), (276, 28318), (283, 28345), (292, 28369), (297, 28384), (323, 28492), (344, 28540), (368, 28609), (378, 28639),

Gene: Taquarus_10 Start: 5884, Stop: 6864, Start Num: 68

Candidate Starts for Taquarus_10:

(Start: 68 @5884 has 108 MA's), (Start: 70 @5887 has 14 MA's), (74, 5911), (Start: 80 @5932 has 1 MA's), (Start: 81 @5935 has 2 MA's), (182, 6184), (198, 6241), (224, 6304), (234, 6325), (236, 6346), (248, 6373), (265, 6403), (270, 6430), (317, 6580), (363, 6691), (366, 6703), (368, 6715), (392, 6781),

Gene: Target_11 Start: 6279, Stop: 7247, Start Num: 66

Candidate Starts for Target_11:

(Start: 66 @6279 has 361 MA's), (Start: 75 @6312 has 5 MA's), (Start: 80 @6330 has 1 MA's), (Start: 81 @6333 has 2 MA's), (184, 6600), (198, 6651), (201, 6663), (233, 6738), (252, 6801), (261, 6825), (270, 6864), (276, 6882), (297, 6945), (317, 7026), (323, 7050), (324, 7053), (325, 7056), (330, 7065), (365, 7152),

Gene: TarsusIV_11 Start: 6440, Stop: 7432, Start Num: 66

Candidate Starts for TarsusIV_11:

(Start: 66 @6440 has 361 MA's), (Start: 81 @6494 has 2 MA's), (132, 6629), (158, 6662), (160, 6668), (168, 6695), (185, 6755), (198, 6800), (205, 6824), (245, 6932), (264, 6971), (277, 7019), (306, 7100), (307, 7103), (316, 7142), (354, 7229), (388, 7343), (412, 7418),

Gene: Tasp14_11 Start: 6262, Stop: 7230, Start Num: 66

Candidate Starts for Tasp14_11:

(Start: 66 @6262 has 361 MA's), (Start: 75 @6295 has 5 MA's), (Start: 80 @6313 has 1 MA's), (Start: 81 @6316 has 2 MA's), (184, 6583), (198, 6634), (201, 6646), (233, 6721), (252, 6784), (264, 6817), (267, 6829), (270, 6847), (276, 6865), (282, 6889), (297, 6928), (317, 7009), (323, 7033), (324, 7036), (325, 7039), (330, 7048), (365, 7135), (378, 7180), (393, 7222),

Gene: Taurus_12 Start: 5960, Stop: 6925, Start Num: 60

Candidate Starts for Taurus_12:

(Start: 60 @5960 has 92 MA's), (Start: 75 @6005 has 5 MA's), (Start: 81 @6026 has 2 MA's), (123, 6146), (198, 6341), (203, 6356), (236, 6437), (241, 6452), (250, 6470), (267, 6521), (270, 6539), (283, 6584), (308, 6680), (324, 6743), (341, 6782), (362, 6833),

Gene: Teardrop_251 Start: 144362, Stop: 145390, Start Num: 56

Candidate Starts for Teardrop_251:

(Start: 56 @144362 has 172 MA's), (Start: 66 @144392 has 361 MA's), (71, 144404), (Start: 81 @144446 has 2 MA's), (98, 144509), (105, 144530), (Start: 134 @144614 has 1 MA's), (160, 144656), (164, 144668), (168, 144683), (189, 144752), (198, 144779), (218, 144833), (231, 144878), (232, 144881), (257, 144959), (264, 144980), (297, 145091), (319, 145181), (323, 145199), (356, 145271), (366, 145304),

Gene: TelAviv_64 Start: 43386, Stop: 44426, Start Num: 59

Candidate Starts for TelAviv_64:

(Start: 59 @43386 has 240 MA's), (Start: 81 @43461 has 2 MA's), (98, 43542), (Start: 100 @43548 has 1 MA's), (105, 43563), (132, 43644), (Start: 134 @43647 has 1 MA's), (164, 43701), (168, 43716), (198, 43812), (212, 43851), (220, 43881), (231, 43911), (232, 43914), (238, 43947), (264, 44013), (276, 44061), (283, 44088), (297, 44127), (355, 44301), (368, 44352),

Gene: Teodoridan_8 Start: 5393, Stop: 6361, Start Num: 66

Candidate Starts for Teodoridan_8:

(Start: 66 @5393 has 361 MA's), (Start: 75 @5426 has 5 MA's), (Start: 80 @5444 has 1 MA's), (Start: 81 @5447 has 2 MA's), (184, 5714), (198, 5765), (201, 5777), (233, 5852), (252, 5915), (261, 5939), (270, 5978), (276, 5996), (297, 6059), (317, 6140), (323, 6164), (324, 6167), (325, 6170), (330, 6179), (365, 6266), (393, 6353),

Gene: Texage_10 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Texage_10:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Thanksgivukkah_10 Start: 5886, Stop: 6866, Start Num: 68

Candidate Starts for Thanksgivukkah_10:

(Start: 68 @5886 has 108 MA's), (Start: 70 @5889 has 14 MA's), (74, 5913), (Start: 80 @5934 has 1 MA's), (Start: 81 @5937 has 2 MA's), (182, 6186), (198, 6243), (224, 6306), (234, 6327), (236, 6348), (248, 6375), (265, 6405), (270, 6432), (317, 6582), (363, 6693), (366, 6705), (368, 6717), (392, 6783),

Gene: TheloniousMonk_11 Start: 6506, Stop: 7474, Start Num: 66

Candidate Starts for TheloniousMonk_11:

(Start: 66 @6506 has 361 MA's), (Start: 75 @6539 has 5 MA's), (Start: 80 @6557 has 1 MA's), (Start: 81 @6560 has 2 MA's), (184, 6827), (198, 6878), (201, 6890), (233, 6965), (252, 7028), (258, 7040), (264, 7061), (267, 7073), (270, 7091), (276, 7109), (282, 7133), (297, 7172), (317, 7253), (323, 7277), (324, 7280), (325, 7283), (330, 7292), (365, 7379),

Gene: ThetaBob_30 Start: 27001, Stop: 28077, Start Num: 59

Candidate Starts for ThetaBob_30:

(10, 26533), (11, 26548), (23, 26740), (34, 26902), (Start: 59 @27001 has 240 MA's), (Start: 70 @27028 has 14 MA's), (76, 27058), (102, 27151), (105, 27160), (108, 27169), (128, 27226), (137, 27250), (139, 27253), (Start: 157 @27271 has 2 MA's), (167, 27304), (170, 27313), (181, 27349), (184, 27364), (195, 27406), (200, 27430), (202, 27439), (206, 27451), (217, 27481), (225, 27511), (226, 27514), (236, 27571), (237, 27574), (243, 27589), (249, 27601), (252, 27610), (261, 27634), (268, 27658), (289, 27739), (308, 27814), (361, 27958), (363, 27967), (364, 27970), (365, 27976), (368, 27991), (390, 28057),

Gene: Thibault_42 Start: 39661, Stop: 40665, Start Num: 66

Candidate Starts for Thibault_42:

(Start: 66 @39661 has 361 MA's), (Start: 81 @39715 has 2 MA's), (Start: 100 @39766 has 1 MA's), (123, 39835), (124, 39838), (196, 40018), (198, 40027), (214, 40072), (237, 40141), (247, 40165), (249, 40168), (267, 40213), (270, 40231), (318, 40393), (324, 40417), (347, 40459), (401, 40618),

Gene: Thor_10 Start: 5845, Stop: 6813, Start Num: 66

Candidate Starts for Thor_10:

(Start: 66 @5845 has 361 MA's), (Start: 75 @5878 has 5 MA's), (Start: 80 @5896 has 1 MA's), (Start: 81 @5899 has 2 MA's), (184, 6166), (198, 6217), (201, 6229), (233, 6304), (252, 6367), (264, 6400), (267, 6412), (270, 6430), (276, 6448), (282, 6472), (297, 6511), (317, 6592), (323, 6616), (324, 6619), (325, 6622), (330, 6631), (365, 6718), (393, 6805),

Gene: ThreeRngTarjay_47 Start: 42712, Stop: 43584, Start Num: 86

Candidate Starts for ThreeRngTarjay_47:

(Start: 86 @42712 has 30 MA's), (Start: 100 @42739 has 1 MA's), (123, 42799), (148, 42847), (172, 42913), (180, 42934), (188, 42955), (205, 43009), (236, 43090), (331, 43369), (333, 43372), (341, 43396), (355, 43432), (360, 43447), (363, 43459), (367, 43480),

Gene: Tiffany_12 Start: 5856, Stop: 6821, Start Num: 60

Candidate Starts for Tiffany_12:

(Start: 60 @5856 has 92 MA's), (Start: 75 @5901 has 5 MA's), (Start: 81 @5922 has 2 MA's), (123, 6042), (182, 6180), (198, 6237), (203, 6252), (236, 6333), (241, 6348), (250, 6366), (267, 6417), (270,

6435), (283, 6480), (308, 6576), (324, 6639), (341, 6678), (362, 6729),

Gene: Timshel_11 Start: 7306, Stop: 8283, Start Num: 66

Candidate Starts for Timshel_11:

(Start: 66 @7306 has 361 MA's), (Start: 81 @7360 has 2 MA's), (102, 7414), (115, 7447), (168, 7579), (198, 7684), (233, 7756), (237, 7783), (241, 7795), (250, 7813), (270, 7882), (288, 7945), (308, 8023), (314, 8050), (324, 8086), (344, 8134), (362, 8176), (367, 8200), (379, 8242),

Gene: TinaFeyge_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for TinaFeyge_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: TinyTim_251 Start: 144329, Stop: 145357, Start Num: 56

Candidate Starts for TinyTim_251:

(Start: 56 @144329 has 172 MA's), (Start: 66 @144359 has 361 MA's), (71, 144371), (Start: 81 @144413 has 2 MA's), (98, 144476), (105, 144497), (Start: 134 @144581 has 1 MA's), (160, 144623), (164, 144635), (168, 144650), (189, 144719), (198, 144746), (218, 144800), (231, 144845), (232, 144848), (257, 144926), (264, 144947), (297, 145058), (319, 145148), (323, 145166), (356, 145238), (366, 145271),

Gene: Tinybot_9 Start: 5861, Stop: 6841, Start Num: 68

Candidate Starts for Tinybot_9:

(Start: 68 @5861 has 108 MA's), (74, 5888), (Start: 80 @5909 has 1 MA's), (Start: 81 @5912 has 2 MA's), (182, 6161), (198, 6218), (201, 6230), (224, 6281), (234, 6302), (248, 6350), (270, 6407), (317, 6557), (366, 6680), (368, 6692), (392, 6758),

Gene: TiroTheta9_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for TiroTheta9_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Todacoro_11 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Todacoro_11:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Tomathan_14 Start: 6597, Stop: 7361, Start Num: 143

Candidate Starts for Tomathan_14:

(Start: 143 @6597 has 16 MA's), (198, 6741), (233, 6828), (237, 6855), (241, 6867), (270, 6954), (308, 7095), (323, 7155), (324, 7158), (340, 7194), (362, 7248), (374, 7296),

Gene: Tonenili_274 Start: 149660, Stop: 150688, Start Num: 56

Candidate Starts for Tonenili_274:

(Start: 56 @149660 has 172 MA's), (Start: 81 @149744 has 2 MA's), (98, 149807), (105, 149828), (Start: 134 @149912 has 1 MA's), (160, 149954), (168, 149981), (189, 150050), (198, 150077), (218, 150131), (228, 150161), (231, 150176), (257, 150257), (264, 150278), (295, 150386), (297, 150389), (319, 150479), (323, 150497), (365, 150599), (366, 150602), (368, 150614),

Gene: TootsiePop_32 Start: 27407, Stop: 28408, Start Num: 59

Candidate Starts for TootsiePop_32:

(23, 27146), (34, 27308), (Start: 59 @27407 has 240 MA's), (Start: 81 @27482 has 2 MA's), (98, 27545), (105, 27566), (Start: 134 @27650 has 1 MA's), (150, 27674), (160, 27689), (164, 27701), (198, 27812), (237, 27926), (245, 27944), (260, 27983), (267, 28007), (276, 28043), (283, 28070), (297, 28109), (323, 28217), (344, 28265), (351, 28277), (368, 28334), (378, 28364),

Gene: Tootsieroll_32 Start: 27571, Stop: 28572, Start Num: 59

Candidate Starts for Tootsieroll_32:

(34, 27472), (Start: 59 @27571 has 240 MA's), (Start: 81 @27646 has 2 MA's), (98, 27709), (Start: 100 @27715 has 1 MA's), (105, 27730), (121, 27778), (Start: 134 @27814 has 1 MA's), (160, 27853), (161, 27856), (164, 27865), (168, 27880), (186, 27937), (198, 27976), (236, 28087), (260, 28147), (264, 28159), (276, 28207), (283, 28234), (297, 28273), (323, 28381), (344, 28429), (368, 28498), (378, 28528),

Gene: Topanga_10 Start: 5820, Stop: 6794, Start Num: 66

Candidate Starts for Topanga_10:

(Start: 66 @5820 has 361 MA's), (Start: 70 @5826 has 14 MA's), (Start: 81 @5874 has 2 MA's), (136, 6027), (198, 6189), (203, 6204), (211, 6225), (236, 6297), (238, 6303), (241, 6312), (267, 6381), (270, 6399), (283, 6444), (288, 6462), (308, 6540), (314, 6567), (319, 6582), (324, 6603), (341, 6642), (362, 6693), (372, 6735), (396, 6786),

Gene: Topgun_10 Start: 5783, Stop: 6718, Start Num: 75

Candidate Starts for Topgun_10:

(Start: 66 @5750 has 361 MA's), (Start: 75 @5783 has 5 MA's), (Start: 80 @5801 has 1 MA's), (Start: 81 @5804 has 2 MA's), (184, 6071), (198, 6122), (201, 6134), (233, 6209), (252, 6272), (258, 6284), (264, 6305), (267, 6317), (270, 6335), (276, 6353), (282, 6377), (297, 6416), (317, 6497), (323, 6521), (324, 6524), (325, 6527), (330, 6536), (365, 6623), (393, 6710),

Gene: Tortoise16_250 Start: 144342, Stop: 145370, Start Num: 56

Candidate Starts for Tortoise16_250:

(Start: 56 @144342 has 172 MA's), (Start: 66 @144372 has 361 MA's), (71, 144384), (Start: 81 @144426 has 2 MA's), (98, 144489), (105, 144510), (Start: 134 @144594 has 1 MA's), (160, 144636), (164, 144648), (168, 144663), (189, 144732), (198, 144759), (218, 144813), (231, 144858), (232, 144861), (257, 144939), (264, 144960), (297, 145071), (319, 145161), (323, 145179), (356, 145251), (366, 145284),

Gene: Tote_12 Start: 6491, Stop: 7459, Start Num: 66

Candidate Starts for Tote_12:

(Start: 66 @6491 has 361 MA's), (Start: 75 @6524 has 5 MA's), (Start: 80 @6542 has 1 MA's), (Start: 81 @6545 has 2 MA's), (184, 6812), (198, 6863), (201, 6875), (233, 6950), (252, 7013), (258, 7025), (264, 7046), (270, 7076), (276, 7094), (282, 7118), (297, 7157), (317, 7238), (323, 7262), (324, 7265), (325, 7268), (330, 7277), (365, 7364), (378, 7409), (393, 7451),

Gene: Totinger_35 Start: 27501, Stop: 28502, Start Num: 59

Candidate Starts for Totinger_35:

(Start: 59 @27501 has 240 MA's), (Start: 81 @27576 has 2 MA's), (88, 27609), (98, 27639), (105, 27660), (117, 27690), (119, 27702), (Start: 134 @27744 has 1 MA's), (150, 27768), (160, 27783), (164, 27795), (198, 27906), (237, 28020), (245, 28038), (260, 28077), (267, 28101), (276, 28137), (283, 28164), (297, 28203), (308, 28251), (323, 28311), (351, 28371), (365, 28413), (366, 28416), (368, 28428), (378, 28458),

Gene: Tourach_28 Start: 26300, Stop: 27271, Start Num: 66

Candidate Starts for Tourach_28:

(Start: 66 @26300 has 361 MA's), (Start: 81 @26354 has 2 MA's), (123, 26474), (Start: 134 @26504 has 1 MA's), (Start: 146 @26519 has 1 MA's), (170, 26585), (198, 26675), (218, 26729), (237, 26780), (241, 26792), (256, 26819), (268, 26855), (270, 26870), (274, 26885), (298, 26945), (318, 27026), (323, 27044), (324, 27047), (325, 27050), (343, 27077), (351, 27101), (366, 27146), (378, 27188), (398, 27230),

Gene: Traft412_12 Start: 6678, Stop: 7646, Start Num: 66

Candidate Starts for Traft412_12:

(Start: 66 @6678 has 361 MA's), (Start: 75 @6711 has 5 MA's), (Start: 80 @6729 has 1 MA's), (Start: 81 @6732 has 2 MA's), (184, 6999), (198, 7050), (201, 7062), (233, 7137), (252, 7200), (258, 7212), (264, 7233), (267, 7245), (270, 7263), (276, 7281), (282, 7305), (297, 7344), (317, 7425), (323, 7449), (324, 7452), (325, 7455), (330, 7464), (365, 7551), (378, 7596), (393, 7638),

Gene: Treddle_11 Start: 6485, Stop: 7453, Start Num: 66

Candidate Starts for Treddle_11:

(Start: 66 @6485 has 361 MA's), (Start: 75 @6518 has 5 MA's), (Start: 80 @6536 has 1 MA's), (184, 6806), (198, 6857), (201, 6869), (233, 6944), (252, 7007), (258, 7019), (264, 7040), (267, 7052), (270, 7070), (276, 7088), (282, 7112), (297, 7151), (317, 7232), (323, 7256), (324, 7259), (325, 7262), (330, 7271), (365, 7358), (370, 7382), (378, 7403), (393, 7445),

Gene: Trike_8 Start: 3772, Stop: 4746, Start Num: 66

Candidate Starts for Trike_8:

(37, 3733), (Start: 66 @3772 has 361 MA's), (Start: 75 @3805 has 5 MA's), (Start: 81 @3826 has 2 MA's), (147, 3994), (164, 4036), (168, 4051), (198, 4156), (233, 4228), (237, 4255), (238, 4258), (241, 4267), (256, 4303), (270, 4354), (308, 4501), (324, 4564), (341, 4603), (360, 4645),

Gene: Trinitium_249 Start: 143083, Stop: 144111, Start Num: 56

Candidate Starts for Trinitium_249:

(Start: 56 @143083 has 172 MA's), (Start: 66 @143113 has 361 MA's), (71, 143125), (Start: 81 @143167 has 2 MA's), (98, 143230), (105, 143251), (Start: 134 @143335 has 1 MA's), (160, 143377), (164, 143389), (168, 143404), (189, 143473), (198, 143500), (218, 143554), (231, 143599), (232, 143602), (257, 143680), (264, 143701), (297, 143812), (319, 143902), (323, 143920), (356, 143992), (366, 144025),

Gene: Tripl3t_11 Start: 6673, Stop: 7641, Start Num: 66

Candidate Starts for Tripl3t_11:

(Start: 66 @6673 has 361 MA's), (Start: 75 @6706 has 5 MA's), (Start: 80 @6724 has 1 MA's), (Start: 81 @6727 has 2 MA's), (184, 6994), (198, 7045), (201, 7057), (233, 7132), (252, 7195), (258, 7207), (264, 7228), (267, 7240), (270, 7258), (276, 7276), (282, 7300), (297, 7339), (317, 7420), (323, 7444), (324, 7447), (325, 7450), (330, 7459), (365, 7546), (370, 7570), (393, 7633),

Gene: Trixie_14 Start: 8087, Stop: 9064, Start Num: 66

Candidate Starts for Trixie_14:

(47, 8045), (Start: 66 @8087 has 361 MA's), (Start: 81 @8141 has 2 MA's), (182, 8378), (198, 8435), (233, 8519), (241, 8558), (267, 8627), (268, 8630), (270, 8645), (288, 8708), (298, 8729), (302, 8750), (308, 8798), (314, 8825), (319, 8840), (323, 8858), (324, 8861), (362, 8951),

Gene: Trooper_11 Start: 6230, Stop: 7222, Start Num: 66

Candidate Starts for Trooper_11:

(Start: 66 @6230 has 361 MA's), (Start: 75 @6263 has 5 MA's), (Start: 80 @6281 has 1 MA's), (Start: 81 @6284 has 2 MA's), (132, 6419), (158, 6452), (160, 6458), (161, 6461), (168, 6485), (185, 6545), (198, 6590), (233, 6677), (245, 6722), (264, 6761), (277, 6809), (281, 6824), (306, 6890), (307, 6893),

(316, 6932), (332, 6968), (354, 7019), (388, 7133), (412, 7208),

Gene: Trouble_10 Start: 6322, Stop: 7290, Start Num: 66

Candidate Starts for Trouble_10:

(Start: 66 @6322 has 361 MA's), (Start: 75 @6355 has 5 MA's), (Start: 80 @6373 has 1 MA's), (Start: 81 @6376 has 2 MA's), (184, 6643), (198, 6694), (201, 6706), (233, 6781), (252, 6844), (264, 6877), (267, 6889), (270, 6907), (276, 6925), (282, 6949), (297, 6988), (317, 7069), (323, 7093), (324, 7096), (325, 7099), (330, 7108), (365, 7195), (393, 7282),

Gene: TroyPia_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for TroyPia_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Turbido_13 Start: 6895, Stop: 7887, Start Num: 66

Candidate Starts for Turbido_13:

(Start: 66 @6895 has 361 MA's), (Start: 75 @6928 has 5 MA's), (Start: 80 @6946 has 1 MA's), (Start: 81 @6949 has 2 MA's), (158, 7117), (160, 7123), (168, 7150), (185, 7210), (198, 7255), (233, 7342), (245, 7387), (264, 7426), (277, 7474), (281, 7489), (306, 7555), (316, 7597), (354, 7684), (388, 7798),

Gene: Turj99_9 Start: 5766, Stop: 6734, Start Num: 66

Candidate Starts for Turj99_9:

(Start: 66 @5766 has 361 MA's), (Start: 75 @5799 has 5 MA's), (Start: 80 @5817 has 1 MA's), (Start: 81 @5820 has 2 MA's), (184, 6087), (198, 6138), (201, 6150), (233, 6225), (252, 6288), (258, 6300), (264, 6321), (267, 6333), (270, 6351), (276, 6369), (282, 6393), (297, 6432), (317, 6513), (323, 6537), (324, 6540), (325, 6543), (330, 6552), (365, 6639), (378, 6684), (393, 6726),

Gene: Turret_243 Start: 142216, Stop: 143244, Start Num: 56

Candidate Starts for Turret_243:

(Start: 56 @142216 has 172 MA's), (Start: 66 @142246 has 361 MA's), (71, 142258), (Start: 81 @142300 has 2 MA's), (98, 142363), (105, 142384), (Start: 134 @142468 has 1 MA's), (160, 142510), (164, 142522), (168, 142537), (189, 142606), (198, 142633), (218, 142687), (231, 142732), (232, 142735), (257, 142813), (264, 142834), (297, 142945), (319, 143035), (323, 143053), (356, 143125), (366, 143158),

Gene: Tweety_31 Start: 27740, Stop: 28741, Start Num: 59

Candidate Starts for Tweety_31:

(Start: 59 @27740 has 240 MA's), (Start: 81 @27815 has 2 MA's), (88, 27848), (98, 27878), (105, 27899), (Start: 134 @27983 has 1 MA's), (164, 28034), (168, 28049), (198, 28145), (245, 28277), (260, 28316), (264, 28328), (276, 28376), (283, 28403), (292, 28427), (297, 28442), (323, 28550), (344, 28598), (368, 28667), (378, 28697),

Gene: Twister_10 Start: 5719, Stop: 6693, Start Num: 66

Candidate Starts for Twister_10:

(Start: 66 @5719 has 361 MA's), (Start: 70 @5725 has 14 MA's), (Start: 81 @5773 has 2 MA's), (136, 5926), (198, 6088), (203, 6103), (211, 6124), (236, 6196), (238, 6202), (241, 6211), (267, 6280), (270, 6298), (283, 6343), (288, 6361), (308, 6439), (314, 6466), (319, 6481), (324, 6502), (341, 6541), (362, 6592), (372, 6634), (396, 6685),

Gene: TwoPeat_10 Start: 6338, Stop: 7252, Start Num: 81

Candidate Starts for TwoPeat_10:

(Start: 66 @6284 has 361 MA's), (Start: 75 @6317 has 5 MA's), (Start: 80 @6335 has 1 MA's), (Start: 81 @6338 has 2 MA's), (184, 6605), (198, 6656), (201, 6668), (233, 6743), (252, 6806), (258, 6818), (264, 6839), (267, 6851), (270, 6869), (276, 6887), (282, 6911), (297, 6950), (317, 7031), (323, 7055), (324, 7058), (325, 7061), (330, 7070), (365, 7157), (378, 7202), (393, 7244),

Gene: TyDawg_38 Start: 31794, Stop: 32765, Start Num: 63

Candidate Starts for TyDawg_38:

(Start: 63 @31794 has 13 MA's), (72, 31818), (Start: 75 @31833 has 5 MA's), (129, 31971), (Start: 143 @31998 has 16 MA's), (159, 32016), (163, 32028), (166, 32037), (178, 32082), (182, 32094), (190, 32121), (198, 32148), (201, 32160), (221, 32205), (231, 32232), (237, 32262), (240, 32271), (241, 32274), (274, 32361), (279, 32376), (326, 32529), (331, 32532), (356, 32592), (361, 32604), (363, 32613), (371, 32649), (377, 32664), (392, 32703), (404, 32736),

Gene: Tydolla_47 Start: 42271, Stop: 43335, Start Num: 50

Candidate Starts for Tydolla_47:

(Start: 50 @42271 has 44 MA's), (72, 42334), (94, 42415), (117, 42481), (120, 42496), (124, 42508), (135, 42535), (167, 42592), (170, 42601), (217, 42748), (223, 42763), (236, 42817), (251, 42850), (265, 42889), (268, 42901), (289, 42982), (297, 43000), (298, 43003), (308, 43048), (344, 43159), (382, 43270), (389, 43291), (402, 43324),

Gene: TygerBlood_10 Start: 5883, Stop: 6863, Start Num: 68

Candidate Starts for TygerBlood_10:

(Start: 68 @5883 has 108 MA's), (Start: 70 @5886 has 14 MA's), (74, 5910), (Start: 80 @5931 has 1 MA's), (Start: 81 @5934 has 2 MA's), (182, 6183), (198, 6240), (224, 6303), (234, 6324), (236, 6345), (248, 6372), (265, 6402), (270, 6429), (317, 6579), (363, 6690), (366, 6702), (368, 6714), (392, 6780),

Gene: Tyke_249 Start: 146465, Stop: 147493, Start Num: 56

Candidate Starts for Tyke_249:

(Start: 56 @146465 has 172 MA's), (Start: 66 @146495 has 361 MA's), (71, 146507), (Start: 81 @146549 has 2 MA's), (98, 146612), (105, 146633), (Start: 134 @146717 has 1 MA's), (160, 146759), (164, 146771), (168, 146786), (189, 146855), (198, 146882), (218, 146936), (231, 146981), (232, 146984), (257, 147062), (264, 147083), (297, 147194), (319, 147284), (323, 147302), (356, 147374), (366, 147407),

Gene: Tyson_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Tyson_26:

(Start: 54 @25547 has 27 MA's), (103, 25700), (104, 25703), (115, 25727), (118, 25739), (122, 25757), (129, 25775), (136, 25793), (139, 25799), (144, 25808), (156, 25823), (161, 25838), (182, 25910), (198, 25967), (212, 26006), (238, 26084), (241, 26093), (243, 26096), (250, 26111), (266, 26165), (270, 26186), (274, 26201), (301, 26285), (308, 26315), (324, 26384), (330, 26396), (341, 26420), (347, 26438), (351, 26441), (356, 26453), (358, 26456), (366, 26486), (368, 26498),

Gene: U2_9 Start: 5609, Stop: 6577, Start Num: 66

Candidate Starts for U2_9:

(Start: 66 @5609 has 361 MA's), (Start: 75 @5642 has 5 MA's), (Start: 80 @5660 has 1 MA's), (Start: 81 @5663 has 2 MA's), (184, 5930), (198, 5981), (201, 5993), (233, 6068), (252, 6131), (258, 6143), (264, 6164), (267, 6176), (270, 6194), (276, 6212), (282, 6236), (297, 6275), (317, 6356), (323, 6380), (324, 6383), (325, 6386), (330, 6395), (360, 6461), (365, 6482), (393, 6569),

Gene: UPIE_26 Start: 25545, Stop: 26576, Start Num: 54

Candidate Starts for UPIE_26:

(Start: 54 @25545 has 27 MA's), (104, 25701), (115, 25725), (118, 25737), (122, 25755), (129, 25773), (136, 25791), (139, 25797), (144, 25806), (156, 25821), (161, 25836), (174, 25884), (182,

25908), (198, 25965), (212, 26004), (238, 26082), (241, 26091), (243, 26094), (250, 26109), (266, 26163), (270, 26184), (274, 26199), (301, 26283), (308, 26313), (324, 26382), (330, 26394), (341, 26418), (347, 26436), (351, 26439), (356, 26451), (358, 26454), (366, 26484), (368, 26496),

Gene: Ulysses_9 Start: 5600, Stop: 6580, Start Num: 68

Candidate Starts for Ulysses_9:

(Start: 68 @5600 has 108 MA's), (74, 5627), (Start: 81 @5651 has 2 MA's), (Start: 157 @5816 has 2 MA's), (182, 5900), (198, 5957), (201, 5969), (224, 6020), (234, 6041), (236, 6062), (248, 6089), (264, 6116), (270, 6146), (317, 6296), (366, 6419), (368, 6431), (392, 6497),

Gene: UncleRicky_34 Start: 28832, Stop: 29833, Start Num: 59

Candidate Starts for UncleRicky_34:

(23, 28580), (34, 28733), (Start: 59 @28832 has 240 MA's), (Start: 66 @28853 has 361 MA's), (71, 28865), (Start: 81 @28907 has 2 MA's), (98, 28970), (105, 28991), (117, 29021), (Start: 134 @29075 has 1 MA's), (150, 29099), (164, 29126), (198, 29237), (237, 29351), (245, 29369), (260, 29408), (267, 29432), (276, 29468), (283, 29495), (297, 29534), (308, 29582), (323, 29642), (351, 29702), (368, 29759), (378, 29789),

Gene: Updawg_13 Start: 6926, Stop: 7903, Start Num: 66

Candidate Starts for Updawg_13:

(Start: 66 @6926 has 361 MA's), (Start: 81 @6980 has 2 MA's), (108, 7037), (168, 7169), (182, 7217), (198, 7274), (211, 7310), (233, 7358), (241, 7397), (268, 7469), (270, 7484), (283, 7529), (288, 7547), (302, 7589), (308, 7637), (314, 7664), (319, 7679), (323, 7697), (324, 7700), (362, 7790),

Gene: VA6_11 Start: 6428, Stop: 7405, Start Num: 66

Candidate Starts for VA6_11:

(13, 5960), (Start: 66 @6428 has 361 MA's), (Start: 81 @6482 has 2 MA's), (168, 6671), (178, 6707), (182, 6719), (198, 6776), (211, 6812), (233, 6860), (241, 6899), (261, 6947), (266, 6965), (268, 6971), (270, 6986), (288, 7049), (302, 7091), (308, 7139), (314, 7166), (319, 7181), (323, 7199), (324, 7202), (341, 7241), (362, 7292),

Gene: VC3_14 Start: 6596, Stop: 7345, Start Num: 143

Candidate Starts for VC3_14:

(Start: 143 @6596 has 16 MA's), (158, 6602), (199, 6743), (233, 6830), (236, 6854), (238, 6860), (250, 6887), (267, 6938), (270, 6956), (308, 7100), (324, 7163), (344, 7211), (345, 7214), (360, 7244), (362, 7253),

Gene: VRedHorse_31 Start: 27690, Stop: 28691, Start Num: 59

Candidate Starts for VRedHorse_31:

(Start: 59 @27690 has 240 MA's), (Start: 81 @27765 has 2 MA's), (88, 27798), (98, 27828), (105, 27849), (Start: 134 @27933 has 1 MA's), (164, 27984), (198, 28095), (236, 28206), (245, 28227), (260, 28266), (264, 28278), (276, 28326), (283, 28353), (292, 28377), (297, 28392), (323, 28500), (351, 28560), (368, 28617), (378, 28647),

Gene: ValleyTerrace_253 Start: 143793, Stop: 144821, Start Num: 56

Candidate Starts for ValleyTerrace_253:

(Start: 56 @143793 has 172 MA's), (Start: 66 @143823 has 361 MA's), (71, 143835), (Start: 81 @143877 has 2 MA's), (98, 143940), (105, 143961), (Start: 134 @144045 has 1 MA's), (160, 144087), (164, 144099), (168, 144114), (189, 144183), (198, 144210), (218, 144264), (231, 144309), (232, 144312), (257, 144390), (264, 144411), (297, 144522), (319, 144612), (323, 144630), (356, 144702), (366, 144735),

Gene: Velveteen_27 Start: 23733, Stop: 24731, Start Num: 59

Candidate Starts for Velveteen_27:

(Start: 59 @23733 has 240 MA's), (Start: 81 @23808 has 2 MA's), (98, 23868), (105, 23889), (Start: 134 @23973 has 1 MA's), (164, 24024), (168, 24039), (198, 24135), (233, 24222), (236, 24246), (245, 24267), (260, 24306), (264, 24318), (276, 24366), (283, 24393), (292, 24417), (297, 24432), (323, 24540), (344, 24588), (368, 24657), (378, 24687),

Gene: Veracruz_10 Start: 6052, Stop: 7017, Start Num: 60

Candidate Starts for Veracruz_10:

(Start: 60 @6052 has 92 MA's), (Start: 75 @6097 has 5 MA's), (Start: 81 @6118 has 2 MA's), (123, 6238), (129, 6253), (Start: 157 @6292 has 2 MA's), (182, 6376), (198, 6433), (203, 6448), (236, 6529), (241, 6544), (250, 6562), (267, 6613), (270, 6631), (283, 6676), (308, 6772), (324, 6835), (341, 6874), (362, 6925),

Gene: Veteran_31 Start: 27537, Stop: 28538, Start Num: 59

Candidate Starts for Veteran_31:

(3, 26916), (7, 26994), (9, 27057), (12, 27096), (19, 27249), (23, 27285), (Start: 59 @27537 has 240 MA's), (Start: 66 @27558 has 361 MA's), (71, 27570), (Start: 81 @27612 has 2 MA's), (98, 27675), (105, 27696), (117, 27726), (Start: 134 @27780 has 1 MA's), (150, 27804), (164, 27831), (198, 27942), (237, 28056), (245, 28074), (260, 28113), (267, 28137), (276, 28173), (283, 28200), (297, 28239), (308, 28287), (323, 28347), (351, 28407), (368, 28464), (378, 28494),

Gene: Vetric_28 Start: 26309, Stop: 27280, Start Num: 66

Candidate Starts for Vetric_28:

(Start: 66 @26309 has 361 MA's), (Start: 81 @26363 has 2 MA's), (123, 26483), (Start: 134 @26513 has 1 MA's), (160, 26561), (161, 26564), (164, 26573), (170, 26594), (189, 26657), (198, 26684), (205, 26708), (218, 26738), (237, 26789), (241, 26801), (268, 26864), (270, 26879), (287, 26939), (298, 26954), (318, 27035), (324, 27056), (325, 27059), (351, 27110), (366, 27155), (378, 27197), (398, 27239),

Gene: Violet_9 Start: 5558, Stop: 6526, Start Num: 66

Candidate Starts for Violet_9:

(Start: 66 @5558 has 361 MA's), (Start: 75 @5591 has 5 MA's), (Start: 80 @5609 has 1 MA's), (Start: 81 @5612 has 2 MA's), (184, 5879), (198, 5930), (201, 5942), (233, 6017), (252, 6080), (258, 6092), (264, 6113), (267, 6125), (270, 6143), (276, 6161), (282, 6185), (297, 6224), (317, 6305), (323, 6329), (324, 6332), (325, 6335), (330, 6344), (365, 6431), (393, 6518),

Gene: Vix_12 Start: 6044, Stop: 7009, Start Num: 60

Candidate Starts for Vix_12:

(Start: 60 @6044 has 92 MA's), (Start: 75 @6089 has 5 MA's), (Start: 81 @6110 has 2 MA's), (123, 6230), (182, 6368), (198, 6425), (203, 6440), (236, 6521), (241, 6536), (250, 6554), (267, 6605), (270, 6623), (283, 6668), (308, 6764), (324, 6827), (341, 6866), (362, 6917),

Gene: Vorrps_67 Start: 43461, Stop: 44501, Start Num: 59

Candidate Starts for Vorrps_67:

(Start: 59 @43461 has 240 MA's), (Start: 81 @43536 has 2 MA's), (98, 43617), (Start: 100 @43623 has 1 MA's), (105, 43638), (132, 43719), (Start: 134 @43722 has 1 MA's), (164, 43776), (168, 43791), (198, 43887), (212, 43926), (220, 43956), (231, 43986), (232, 43989), (238, 44022), (264, 44088), (273, 44127), (276, 44136), (283, 44163), (297, 44202), (355, 44376), (368, 44427),

Gene: Wachhund_31 Start: 27697, Stop: 28698, Start Num: 59

Candidate Starts for Wachhund_31:

(Start: 59 @27697 has 240 MA's), (Start: 66 @27718 has 361 MA's), (71, 27730), (Start: 81 @27772 has 2 MA's), (105, 27856), (117, 27886), (Start: 134 @27940 has 1 MA's), (150, 27964), (160, 27979),

(164, 27991), (198, 28102), (236, 28213), (245, 28234), (260, 28273), (264, 28285), (276, 28333), (283, 28360), (292, 28384), (297, 28399), (323, 28507), (344, 28555), (368, 28624), (378, 28654),

Gene: Wally_250 Start: 143777, Stop: 144805, Start Num: 56

Candidate Starts for Wally_250:

(Start: 56 @143777 has 172 MA's), (Start: 66 @143807 has 361 MA's), (71, 143819), (Start: 81 @143861 has 2 MA's), (98, 143924), (105, 143945), (Start: 134 @144029 has 1 MA's), (160, 144071), (164, 144083), (168, 144098), (189, 144167), (198, 144194), (218, 144248), (231, 144293), (232, 144296), (257, 144374), (264, 144395), (297, 144506), (319, 144596), (323, 144614), (356, 144686), (366, 144719),

Gene: WalterMcMickey_10 Start: 5719, Stop: 6693, Start Num: 66

Candidate Starts for WalterMcMickey_10:

(Start: 66 @5719 has 361 MA's), (Start: 70 @5725 has 14 MA's), (Start: 81 @5773 has 2 MA's), (136, 5926), (198, 6088), (203, 6103), (211, 6124), (236, 6196), (238, 6202), (241, 6211), (267, 6280), (270, 6298), (283, 6343), (288, 6361), (308, 6439), (314, 6466), (319, 6481), (324, 6502), (341, 6541), (362, 6592), (372, 6634), (396, 6685),

Gene: Wamburgxpress_26 Start: 25560, Stop: 26591, Start Num: 54

Candidate Starts for Wamburgxpress_26:

(Start: 54 @25560 has 27 MA's), (103, 25713), (104, 25716), (115, 25740), (118, 25752), (122, 25770), (129, 25788), (136, 25806), (139, 25812), (144, 25821), (156, 25836), (161, 25851), (182, 25923), (198, 25980), (212, 26019), (238, 26097), (241, 26106), (243, 26109), (250, 26124), (266, 26178), (270, 26199), (274, 26214), (301, 26298), (308, 26328), (324, 26397), (330, 26409), (341, 26433), (347, 26451), (351, 26454), (356, 26466), (358, 26469), (366, 26499), (368, 26511),

Gene: Wanda_55 Start: 42450, Stop: 43322, Start Num: 86

Candidate Starts for Wanda_55:

(Start: 86 @42450 has 30 MA's), (Start: 100 @42477 has 1 MA's), (123, 42537), (148, 42585), (172, 42651), (180, 42672), (188, 42693), (205, 42747), (236, 42828), (331, 43107), (333, 43110), (341, 43134), (355, 43170), (360, 43185), (363, 43197), (367, 43218),

Gene: Wander_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for Wander_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (363, 6688), (366, 6700), (368, 6712), (392, 6778),

Gene: Watermelon_12 Start: 6873, Stop: 7841, Start Num: 66

Candidate Starts for Watermelon_12:

(Start: 66 @6873 has 361 MA's), (Start: 75 @6906 has 5 MA's), (Start: 80 @6924 has 1 MA's), (Start: 81 @6927 has 2 MA's), (184, 7194), (198, 7245), (201, 7257), (233, 7332), (252, 7395), (264, 7428), (267, 7440), (270, 7458), (276, 7476), (297, 7539), (317, 7620), (323, 7644), (324, 7647), (325, 7650), (330, 7659), (365, 7746), (378, 7791), (393, 7833),

Gene: Watson_12 Start: 5954, Stop: 6919, Start Num: 60

Candidate Starts for Watson_12:

(Start: 60 @5954 has 92 MA's), (Start: 75 @5999 has 5 MA's), (Start: 81 @6020 has 2 MA's), (123, 6140), (182, 6278), (198, 6335), (203, 6350), (236, 6431), (241, 6446), (250, 6464), (267, 6515), (270, 6533), (283, 6578), (308, 6674), (324, 6737), (341, 6776), (362, 6827),

Gene: Wee_32 Start: 28223, Stop: 29221, Start Num: 59

Candidate Starts for Wee_32:

(Start: 59 @28223 has 240 MA's), (Start: 81 @28298 has 2 MA's), (98, 28358), (105, 28379), (Start: 134 @28463 has 1 MA's), (164, 28514), (168, 28529), (198, 28625), (236, 28736), (245, 28757), (260, 28796), (264, 28808), (276, 28856), (283, 28883), (292, 28907), (297, 28922), (323, 29030), (344, 29078), (368, 29147), (378, 29177),

Gene: WeiHuaDA_17 Start: 8697, Stop: 9674, Start Num: 66

Candidate Starts for WeiHuaDA_17:

(47, 8655), (Start: 66 @8697 has 361 MA's), (Start: 81 @8751 has 2 MA's), (182, 8988), (198, 9045), (233, 9129), (241, 9168), (267, 9237), (270, 9255), (288, 9318), (302, 9360), (308, 9408), (314, 9435), (319, 9450), (323, 9468), (324, 9471), (362, 9561), (389, 9660),

Gene: Weiss13_39 Start: 35042, Stop: 36091, Start Num: 56

Candidate Starts for Weiss13_39:

(Start: 56 @35042 has 172 MA's), (Start: 81 @35126 has 2 MA's), (84, 35135), (89, 35159), (98, 35189), (105, 35210), (118, 35246), (124, 35267), (128, 35276), (Start: 134 @35294 has 1 MA's), (170, 35363), (195, 35453), (210, 35495), (219, 35516), (244, 35615), (256, 35642), (275, 35714), (294, 35768), (341, 35921), (353, 35945), (356, 35954), (367, 35996), (368, 35999), (369, 36005), (373, 36014), (386, 36050), (389, 36059), (396, 36068),

Gene: Whabigail7_13 Start: 6883, Stop: 7875, Start Num: 66

Candidate Starts for Whabigail7_13:

(Start: 66 @6883 has 361 MA's), (Start: 80 @6934 has 1 MA's), (Start: 81 @6937 has 2 MA's), (158, 7105), (160, 7111), (168, 7138), (185, 7198), (198, 7243), (233, 7330), (245, 7375), (264, 7414), (277, 7462), (281, 7477), (306, 7543), (316, 7585), (354, 7672), (388, 7786),

Gene: Whatsapiecost_32 Start: 27956, Stop: 28957, Start Num: 59

Candidate Starts for Whatsapiecost_32:

(Start: 59 @27956 has 240 MA's), (Start: 81 @28031 has 2 MA's), (98, 28094), (105, 28115), (Start: 134 @28199 has 1 MA's), (150, 28223), (160, 28238), (164, 28250), (198, 28361), (237, 28475), (245, 28493), (260, 28532), (267, 28556), (276, 28592), (283, 28619), (297, 28658), (323, 28766), (344, 28814), (368, 28883), (378, 28913),

Gene: Wheeler_10 Start: 6039, Stop: 7007, Start Num: 66

Candidate Starts for Wheeler_10:

(Start: 66 @6039 has 361 MA's), (Start: 75 @6072 has 5 MA's), (Start: 80 @6090 has 1 MA's), (Start: 81 @6093 has 2 MA's), (184, 6360), (198, 6411), (201, 6423), (233, 6498), (252, 6561), (258, 6573), (264, 6594), (267, 6606), (270, 6624), (276, 6642), (282, 6666), (297, 6705), (317, 6786), (323, 6810), (324, 6813), (325, 6816), (330, 6825), (365, 6912), (393, 6999),

Gene: Whirlwind_29 Start: 26586, Stop: 27629, Start Num: 66

Candidate Starts for Whirlwind_29:

(Start: 66 @26586 has 361 MA's), (Start: 70 @26592 has 14 MA's), (71, 26598), (Start: 75 @26619 has 5 MA's), (Start: 81 @26640 has 2 MA's), (Start: 100 @26691 has 1 MA's), (111, 26721), (128, 26772), (145, 26805), (155, 26817), (172, 26877), (197, 26958), (198, 26964), (214, 27009), (235, 27060), (239, 27078), (241, 27084), (245, 27090), (270, 27162), (286, 27219), (309, 27279), (327, 27354), (336, 27375), (343, 27399), (348, 27414), (350, 27420), (368, 27483), (404, 27585), (408, 27606), (410, 27612),

Gene: Whouxphf_32 Start: 28010, Stop: 29011, Start Num: 59

Candidate Starts for Whouxphf_32:

(Start: 59 @28010 has 240 MA's), (Start: 81 @28085 has 2 MA's), (88, 28118), (98, 28148), (105, 28169), (117, 28199), (119, 28211), (Start: 134 @28253 has 1 MA's), (150, 28277), (160, 28292), (164, 28304), (198, 28415), (237, 28529), (245, 28547), (260, 28586), (267, 28610), (276, 28646),

(283, 28673), (297, 28712), (308, 28760), (323, 28820), (344, 28868), (351, 28880), (366, 28925), (368, 28937), (378, 28967),

Gene: WideWale_13 Start: 6926, Stop: 7903, Start Num: 66

Candidate Starts for WideWale_13:

(Start: 66 @6926 has 361 MA's), (Start: 81 @6980 has 2 MA's), (108, 7037), (168, 7169), (182, 7217), (198, 7274), (211, 7310), (233, 7358), (241, 7397), (268, 7469), (270, 7484), (283, 7529), (288, 7547), (302, 7589), (308, 7637), (314, 7664), (319, 7679), (323, 7697), (324, 7700), (362, 7790),

Gene: Wigglewigggle_28 Start: 26335, Stop: 27306, Start Num: 66

Candidate Starts for Wigglewigggle_28:

(Start: 66 @26335 has 361 MA's), (Start: 81 @26389 has 2 MA's), (123, 26509), (Start: 134 @26539 has 1 MA's), (Start: 146 @26554 has 1 MA's), (160, 26587), (161, 26590), (164, 26599), (170, 26620), (189, 26683), (198, 26710), (205, 26734), (218, 26764), (237, 26815), (241, 26827), (268, 26890), (270, 26905), (287, 26965), (298, 26980), (318, 27061), (323, 27079), (324, 27082), (325, 27085), (351, 27136), (366, 27181), (378, 27223), (398, 27265),

Gene: Wilbur_10 Start: 5880, Stop: 6860, Start Num: 68

Candidate Starts for Wilbur_10:

(Start: 68 @5880 has 108 MA's), (Start: 70 @5883 has 14 MA's), (74, 5907), (Start: 80 @5928 has 1 MA's), (Start: 81 @5931 has 2 MA's), (182, 6180), (198, 6237), (234, 6321), (236, 6342), (248, 6369), (270, 6426), (317, 6576), (363, 6687), (366, 6699), (368, 6711), (392, 6777),

Gene: Wildcat_52 Start: 38376, Stop: 39341, Start Num: 59

Candidate Starts for Wildcat_52:

(Start: 59 @38376 has 240 MA's), (77, 38439), (99, 38499), (104, 38514), (105, 38517), (112, 38529), (114, 38535), (124, 38571), (125, 38574), (164, 38646), (168, 38661), (170, 38667), (189, 38730), (198, 38760), (209, 38793), (236, 38856), (237, 38859), (252, 38898), (264, 38931), (270, 38958), (273, 38967), (282, 39000), (320, 39135), (324, 39150), (344, 39195), (362, 39237), (368, 39264), (382, 39306),

Gene: Wilder_28 Start: 26308, Stop: 27279, Start Num: 66

Candidate Starts for Wilder_28:

(Start: 66 @26308 has 361 MA's), (Start: 81 @26362 has 2 MA's), (123, 26482), (Start: 134 @26512 has 1 MA's), (Start: 146 @26527 has 1 MA's), (160, 26560), (161, 26563), (164, 26572), (170, 26593), (189, 26656), (198, 26683), (205, 26707), (218, 26737), (237, 26788), (241, 26800), (268, 26863), (270, 26878), (287, 26938), (298, 26953), (318, 27034), (323, 27052), (324, 27055), (325, 27058), (351, 27109), (366, 27154), (378, 27196), (398, 27238),

Gene: Wildflower_65 Start: 42973, Stop: 44013, Start Num: 59

Candidate Starts for Wildflower_65:

(Start: 59 @42973 has 240 MA's), (Start: 81 @43048 has 2 MA's), (98, 43129), (Start: 100 @43135 has 1 MA's), (105, 43150), (132, 43231), (Start: 134 @43234 has 1 MA's), (164, 43288), (168, 43303), (198, 43399), (212, 43438), (220, 43468), (231, 43498), (232, 43501), (238, 43534), (264, 43600), (273, 43639), (276, 43648), (283, 43675), (297, 43714), (355, 43888), (368, 43939),

Gene: Wile_10 Start: 5888, Stop: 6871, Start Num: 66

Candidate Starts for Wile_10:

(Start: 66 @5888 has 361 MA's), (74, 5918), (Start: 80 @5939 has 1 MA's), (Start: 81 @5942 has 2 MA's), (182, 6191), (197, 6242), (198, 6248), (201, 6260), (213, 6290), (234, 6332), (248, 6380), (265, 6410), (270, 6437), (317, 6587), (366, 6710), (368, 6722), (370, 6731), (392, 6788), (413, 6863),

Gene: Wilkins_10 Start: 5750, Stop: 6718, Start Num: 66

Candidate Starts for Wilkins_10:

(Start: 66 @5750 has 361 MA's), (Start: 75 @5783 has 5 MA's), (Start: 80 @5801 has 1 MA's), (Start: 81 @5804 has 2 MA's), (184, 6071), (198, 6122), (201, 6134), (233, 6209), (252, 6272), (258, 6284), (264, 6305), (267, 6317), (270, 6335), (276, 6353), (282, 6377), (297, 6416), (317, 6497), (323, 6521), (324, 6524), (325, 6527), (330, 6536), (365, 6623), (393, 6710),

Gene: WillSterrel_33 Start: 29145, Stop: 30146, Start Num: 59

Candidate Starts for WillSterrel_33:

(34, 29046), (49, 29118), (Start: 59 @29145 has 240 MA's), (Start: 66 @29166 has 361 MA's), (71, 29178), (Start: 81 @29220 has 2 MA's), (88, 29253), (98, 29283), (105, 29304), (Start: 134 @29388 has 1 MA's), (150, 29412), (160, 29427), (164, 29439), (198, 29550), (236, 29661), (245, 29682), (260, 29721), (276, 29781), (283, 29808), (297, 29847), (323, 29955), (330, 29970), (344, 30003), (368, 30072), (378, 30102),

Gene: Willis_253 Start: 144716, Stop: 145744, Start Num: 56

Candidate Starts for Willis_253:

(Start: 56 @144716 has 172 MA's), (Start: 66 @144746 has 361 MA's), (71, 144758), (Start: 81 @144800 has 2 MA's), (98, 144863), (105, 144884), (Start: 134 @144968 has 1 MA's), (160, 145010), (164, 145022), (168, 145037), (189, 145106), (198, 145133), (218, 145187), (231, 145232), (232, 145235), (257, 145313), (264, 145334), (297, 145445), (319, 145535), (323, 145553), (356, 145625), (366, 145658),

Gene: Winget_68 Start: 43679, Stop: 44719, Start Num: 59

Candidate Starts for Winget_68:

(Start: 59 @43679 has 240 MA's), (Start: 81 @43754 has 2 MA's), (98, 43835), (Start: 100 @43841 has 1 MA's), (105, 43856), (132, 43937), (Start: 134 @43940 has 1 MA's), (164, 43994), (168, 44009), (198, 44105), (212, 44144), (220, 44174), (231, 44204), (232, 44207), (238, 44240), (264, 44306), (273, 44345), (276, 44354), (283, 44381), (297, 44420), (355, 44594), (368, 44645),

Gene: Winky_28 Start: 26303, Stop: 27274, Start Num: 66

Candidate Starts for Winky_28:

(Start: 66 @26303 has 361 MA's), (Start: 81 @26357 has 2 MA's), (Start: 134 @26507 has 1 MA's), (141, 26516), (Start: 146 @26522 has 1 MA's), (160, 26555), (161, 26558), (164, 26567), (170, 26588), (189, 26651), (198, 26678), (205, 26702), (237, 26783), (241, 26795), (268, 26858), (270, 26873), (287, 26933), (298, 26948), (318, 27029), (323, 27047), (324, 27050), (325, 27053), (351, 27104), (366, 27149), (378, 27191), (398, 27233),

Gene: Wizard007_10 Start: 5883, Stop: 6863, Start Num: 68

Candidate Starts for Wizard007_10:

(Start: 68 @5883 has 108 MA's), (Start: 70 @5886 has 14 MA's), (74, 5910), (Start: 80 @5931 has 1 MA's), (Start: 81 @5934 has 2 MA's), (182, 6183), (198, 6240), (234, 6324), (236, 6345), (248, 6372), (265, 6402), (270, 6429), (317, 6579), (363, 6690), (366, 6702), (368, 6714), (392, 6780),

Gene: Wooldri_14 Start: 5873, Stop: 6838, Start Num: 60

Candidate Starts for Wooldri_14:

(Start: 60 @5873 has 92 MA's), (Start: 75 @5918 has 5 MA's), (Start: 81 @5939 has 2 MA's), (123, 6059), (182, 6197), (198, 6254), (203, 6269), (236, 6350), (241, 6365), (250, 6383), (267, 6434), (270, 6452), (283, 6497), (308, 6593), (324, 6656), (341, 6695), (362, 6746),

Gene: Wyatt2_26 Start: 25547, Stop: 26578, Start Num: 54

Candidate Starts for Wyatt2_26:

(Start: 54 @25547 has 27 MA's), (103, 25700), (104, 25703), (115, 25727), (118, 25739), (122, 25757), (129, 25775), (136, 25793), (139, 25799), (144, 25808), (156, 25823), (161, 25838), (182,

25910), (198, 25967), (212, 26006), (238, 26084), (241, 26093), (243, 26096), (250, 26111), (266, 26165), (270, 26186), (274, 26201), (301, 26285), (308, 26315), (324, 26384), (330, 26396), (341, 26420), (347, 26438), (351, 26441), (356, 26453), (358, 26456), (366, 26486), (368, 26498),

Gene: XFactor_31 Start: 27697, Stop: 28698, Start Num: 59

Candidate Starts for XFactor_31:

(Start: 59 @27697 has 240 MA's), (Start: 66 @27718 has 361 MA's), (71, 27730), (Start: 81 @27772 has 2 MA's), (98, 27835), (105, 27856), (117, 27886), (Start: 134 @27940 has 1 MA's), (150, 27964), (164, 27991), (198, 28102), (237, 28216), (245, 28234), (260, 28273), (267, 28297), (276, 28333), (283, 28360), (297, 28399), (308, 28447), (323, 28507), (351, 28567), (368, 28624), (378, 28654),

Gene: Xena_10 Start: 5878, Stop: 6858, Start Num: 68

Candidate Starts for Xena_10:

(36, 5818), (41, 5836), (Start: 68 @5878 has 108 MA's), (Start: 70 @5881 has 14 MA's), (74, 5905), (Start: 80 @5926 has 1 MA's), (Start: 81 @5929 has 2 MA's), (182, 6178), (197, 6229), (198, 6235), (201, 6247), (213, 6277), (234, 6319), (248, 6367), (265, 6397), (270, 6424), (317, 6574), (366, 6697), (368, 6709), (370, 6718), (392, 6775), (413, 6850),

Gene: XianYue_11 Start: 6359, Stop: 7345, Start Num: 66

Candidate Starts for XianYue_11:

(Start: 66 @6359 has 361 MA's), (74, 6389), (Start: 81 @6413 has 2 MA's), (132, 6548), (182, 6662), (189, 6689), (197, 6713), (198, 6719), (248, 6851), (270, 6908), (317, 7058), (323, 7082), (345, 7127), (364, 7172), (368, 7193), (378, 7229), (392, 7265), (403, 7295),

Gene: Yahalom_47 Start: 41547, Stop: 42611, Start Num: 50

Candidate Starts for Yahalom_47:

(Start: 50 @41547 has 44 MA's), (72, 41610), (94, 41691), (117, 41757), (120, 41772), (124, 41784), (135, 41811), (167, 41868), (170, 41877), (217, 42024), (223, 42039), (236, 42093), (251, 42126), (265, 42165), (268, 42177), (289, 42258), (297, 42276), (298, 42279), (308, 42324), (344, 42435), (382, 42546), (389, 42567), (402, 42600),

Gene: Yassified_248 Start: 143912, Stop: 144940, Start Num: 56

Candidate Starts for Yassified_248:

(Start: 56 @143912 has 172 MA's), (Start: 66 @143942 has 361 MA's), (Start: 81 @143996 has 2 MA's), (98, 144059), (105, 144080), (Start: 134 @144164 has 1 MA's), (160, 144206), (164, 144218), (168, 144233), (189, 144302), (198, 144329), (218, 144383), (231, 144428), (232, 144431), (257, 144509), (264, 144530), (297, 144641), (319, 144731), (323, 144749), (356, 144821), (366, 144854),

Gene: Yeet_47 Start: 41871, Stop: 42743, Start Num: 86

Candidate Starts for Yeet_47:

(Start: 86 @41871 has 30 MA's), (Start: 100 @41898 has 1 MA's), (123, 41958), (148, 42006), (172, 42072), (180, 42093), (188, 42114), (205, 42168), (236, 42249), (331, 42528), (333, 42531), (341, 42555), (355, 42591), (360, 42606), (363, 42618), (367, 42639),

Gene: Yelo_39 Start: 35335, Stop: 36384, Start Num: 56

Candidate Starts for Yelo_39:

(Start: 56 @35335 has 172 MA's), (Start: 81 @35419 has 2 MA's), (84, 35428), (89, 35452), (98, 35482), (105, 35503), (113, 35521), (118, 35539), (124, 35560), (128, 35569), (Start: 134 @35587 has 1 MA's), (Start: 157 @35614 has 2 MA's), (170, 35656), (210, 35788), (219, 35809), (244, 35908), (275, 36007), (294, 36061), (340, 36211), (353, 36238), (356, 36247), (367, 36289), (368, 36292), (369, 36298), (373, 36307), (386, 36343), (389, 36352), (396, 36361),

Gene: YemiJoy2021_253 Start: 145447, Stop: 146475, Start Num: 56

Candidate Starts for YemiJoy2021_253:

(Start: 56 @145447 has 172 MA's), (Start: 66 @145477 has 361 MA's), (71, 145489), (Start: 81 @145531 has 2 MA's), (98, 145594), (105, 145615), (Start: 134 @145699 has 1 MA's), (160, 145741), (164, 145753), (168, 145768), (189, 145837), (198, 145864), (218, 145918), (231, 145963), (232, 145966), (257, 146044), (264, 146065), (297, 146176), (319, 146266), (323, 146284), (356, 146356), (366, 146389),

Gene: Yinz_47 Start: 41573, Stop: 42637, Start Num: 50

Candidate Starts for Yinz_47:

(Start: 50 @41573 has 44 MA's), (72, 41636), (94, 41717), (117, 41783), (120, 41798), (124, 41810), (135, 41837), (167, 41894), (170, 41903), (217, 42050), (223, 42065), (236, 42119), (251, 42152), (265, 42191), (268, 42203), (289, 42284), (297, 42302), (298, 42305), (344, 42461), (382, 42572), (389, 42593), (402, 42626),

Gene: YoSam321_10 Start: 5881, Stop: 6861, Start Num: 68

Candidate Starts for YoSam321_10:

(Start: 68 @5881 has 108 MA's), (Start: 70 @5884 has 14 MA's), (74, 5908), (Start: 80 @5929 has 1 MA's), (Start: 81 @5932 has 2 MA's), (182, 6181), (198, 6238), (224, 6301), (234, 6322), (236, 6343), (248, 6370), (265, 6400), (270, 6427), (317, 6577), (366, 6700), (368, 6712), (406, 6823),

Gene: Yorick_31 Start: 27697, Stop: 28698, Start Num: 59

Candidate Starts for Yorick_31:

(Start: 59 @27697 has 240 MA's), (Start: 66 @27718 has 361 MA's), (71, 27730), (Start: 81 @27772 has 2 MA's), (98, 27835), (105, 27856), (117, 27886), (Start: 134 @27940 has 1 MA's), (150, 27964), (160, 27979), (164, 27991), (198, 28102), (237, 28216), (245, 28234), (260, 28273), (267, 28297), (276, 28333), (283, 28360), (297, 28399), (308, 28447), (323, 28507), (351, 28567), (368, 28624), (378, 28654),

Gene: Yoshi_38 Start: 27091, Stop: 28161, Start Num: 59

Candidate Starts for Yoshi_38:

(Start: 59 @27091 has 240 MA's), (124, 27307), (128, 27316), (Start: 157 @27361 has 2 MA's), (170, 27403), (184, 27454), (195, 27496), (206, 27538), (217, 27568), (225, 27598), (226, 27601), (243, 27676), (252, 27697), (258, 27709), (261, 27721), (267, 27742), (289, 27826), (308, 27901), (344, 28009), (345, 28012), (347, 28018), (363, 28054), (364, 28057), (365, 28063), (368, 28078), (390, 28144),

Gene: YoungMoneyMata_252 Start: 144908, Stop: 145936, Start Num: 56

Candidate Starts for YoungMoneyMata_252:

(Start: 56 @144908 has 172 MA's), (Start: 66 @144938 has 361 MA's), (71, 144950), (Start: 81 @144992 has 2 MA's), (98, 145055), (105, 145076), (Start: 134 @145160 has 1 MA's), (160, 145202), (164, 145214), (168, 145229), (189, 145298), (198, 145325), (218, 145379), (231, 145424), (232, 145427), (257, 145505), (264, 145526), (297, 145637), (319, 145727), (323, 145745), (356, 145817), (366, 145850),

Gene: Yucca_253 Start: 145888, Stop: 146916, Start Num: 56

Candidate Starts for Yucca_253:

(Start: 56 @145888 has 172 MA's), (Start: 66 @145918 has 361 MA's), (71, 145930), (Start: 81 @145972 has 2 MA's), (98, 146035), (105, 146056), (Start: 134 @146140 has 1 MA's), (160, 146182), (164, 146194), (168, 146209), (189, 146278), (198, 146305), (218, 146359), (231, 146404), (232, 146407), (257, 146485), (264, 146506), (297, 146617), (319, 146707), (323, 146725), (356, 146797), (366, 146830),

Gene: YungJamal_72 Start: 44871, Stop: 45911, Start Num: 59

Candidate Starts for YungJamal_72:

(Start: 59 @44871 has 240 MA's), (Start: 81 @44946 has 2 MA's), (98, 45027), (Start: 100 @45033 has 1 MA's), (105, 45048), (132, 45129), (Start: 134 @45132 has 1 MA's), (164, 45186), (168, 45201), (198, 45297), (212, 45336), (220, 45366), (231, 45396), (232, 45399), (238, 45432), (264, 45498), (273, 45537), (276, 45546), (283, 45573), (297, 45612), (308, 45660), (355, 45786), (368, 45837),

Gene: Zakai_28 Start: 26511, Stop: 27539, Start Num: 54

Candidate Starts for Zakai_28:

(Start: 54 @26511 has 27 MA's), (Start: 100 @26655 has 1 MA's), (102, 26661), (Start: 157 @26790 has 2 MA's), (160, 26799), (198, 26931), (238, 27048), (241, 27057), (243, 27060), (250, 27075), (270, 27150), (274, 27165), (308, 27279), (312, 27306), (320, 27333), (324, 27348), (330, 27360), (360, 27426),

Gene: Zakhe101_66 Start: 43519, Stop: 44559, Start Num: 59

Candidate Starts for Zakhe101_66:

(Start: 59 @43519 has 240 MA's), (Start: 81 @43594 has 2 MA's), (98, 43675), (Start: 100 @43681 has 1 MA's), (105, 43696), (132, 43777), (Start: 134 @43780 has 1 MA's), (164, 43834), (168, 43849), (198, 43945), (212, 43984), (220, 44014), (231, 44044), (232, 44047), (238, 44080), (264, 44146), (273, 44185), (276, 44194), (283, 44221), (297, 44260), (355, 44434), (368, 44485),

Gene: Zalkecks_251 Start: 144545, Stop: 145573, Start Num: 56

Candidate Starts for Zalkecks_251:

(Start: 56 @144545 has 172 MA's), (Start: 66 @144575 has 361 MA's), (71, 144587), (Start: 81 @144629 has 2 MA's), (98, 144692), (105, 144713), (Start: 134 @144797 has 1 MA's), (160, 144839), (164, 144851), (168, 144866), (189, 144935), (198, 144962), (218, 145016), (231, 145061), (232, 145064), (257, 145142), (264, 145163), (297, 145274), (319, 145364), (323, 145382), (356, 145454), (366, 145487),

Gene: Zapner_38 Start: 28198, Stop: 29271, Start Num: 59

Candidate Starts for Zapner_38:

(Start: 59 @28198 has 240 MA's), (Start: 70 @28225 has 14 MA's), (76, 28255), (102, 28348), (105, 28357), (108, 28366), (128, 28423), (Start: 157 @28468 has 2 MA's), (167, 28501), (170, 28510), (184, 28561), (195, 28603), (200, 28627), (202, 28636), (206, 28648), (217, 28678), (225, 28708), (226, 28711), (236, 28768), (237, 28771), (243, 28786), (249, 28798), (252, 28807), (261, 28831), (268, 28855), (289, 28936), (308, 29011), (345, 29122), (363, 29164), (364, 29167), (365, 29173), (368, 29188), (390, 29254),

Gene: Zaria_26 Start: 25561, Stop: 26592, Start Num: 54

Candidate Starts for Zaria_26:

(Start: 54 @25561 has 27 MA's), (103, 25714), (104, 25717), (115, 25741), (118, 25753), (122, 25771), (129, 25789), (136, 25807), (139, 25813), (144, 25822), (156, 25837), (161, 25852), (182, 25924), (198, 25981), (212, 26020), (238, 26098), (241, 26107), (243, 26110), (250, 26125), (266, 26179), (270, 26200), (274, 26215), (301, 26299), (308, 26329), (324, 26398), (330, 26410), (341, 26434), (347, 26452), (351, 26455), (356, 26467), (358, 26470), (366, 26500), (368, 26512),

Gene: Zeeculate_9 Start: 5734, Stop: 6702, Start Num: 66

Candidate Starts for Zeeculate_9:

(Start: 66 @5734 has 361 MA's), (Start: 75 @5767 has 5 MA's), (Start: 80 @5785 has 1 MA's), (Start: 81 @5788 has 2 MA's), (184, 6055), (198, 6106), (201, 6118), (233, 6193), (252, 6256), (258, 6268), (264, 6289), (267, 6301), (270, 6319), (276, 6337), (282, 6361), (297, 6400), (317, 6481), (323, 6505), (324, 6508), (325, 6511), (330, 6520), (365, 6607), (378, 6652), (393, 6694),

Gene: Zeenon_253 Start: 145079, Stop: 146107, Start Num: 56

Candidate Starts for Zeenon_253:

(Start: 56 @145079 has 172 MA's), (Start: 66 @145109 has 361 MA's), (71, 145121), (Start: 81 @145163 has 2 MA's), (98, 145226), (105, 145247), (Start: 134 @145331 has 1 MA's), (160, 145373), (164, 145385), (168, 145400), (189, 145469), (198, 145496), (218, 145550), (231, 145595), (232, 145598), (257, 145676), (264, 145697), (297, 145808), (319, 145898), (323, 145916), (356, 145988), (366, 146021),

Gene: Zelink_50 Start: 43683, Stop: 44528, Start Num: 100

Candidate Starts for Zelink_50:

(Start: 86 @43656 has 30 MA's), (Start: 100 @43683 has 1 MA's), (Start: 157 @43812 has 2 MA's), (172, 43857), (180, 43878), (188, 43899), (205, 43953), (236, 44034), (331, 44313), (333, 44316), (341, 44340), (355, 44376), (360, 44391), (363, 44403), (367, 44424),

Gene: Zenon_40 Start: 35354, Stop: 36403, Start Num: 56

Candidate Starts for Zenon_40:

(Start: 56 @35354 has 172 MA's), (Start: 81 @35438 has 2 MA's), (84, 35447), (89, 35471), (98, 35501), (105, 35522), (113, 35540), (118, 35558), (124, 35579), (128, 35588), (Start: 134 @35606 has 1 MA's), (Start: 157 @35633 has 2 MA's), (170, 35675), (195, 35765), (210, 35807), (219, 35828), (244, 35927), (256, 35954), (275, 36026), (294, 36080), (340, 36230), (353, 36257), (356, 36266), (367, 36308), (368, 36311), (369, 36317), (373, 36326), (386, 36362), (389, 36371), (396, 36380),

Gene: Zenteno07_53 Start: 41898, Stop: 42902, Start Num: 65

Candidate Starts for Zenteno07_53:

(Start: 65 @41898 has 3 MA's), (74, 41928), (78, 41943), (Start: 80 @41949 has 1 MA's), (Start: 81 @41952 has 2 MA's), (132, 42093), (Start: 143 @42108 has 16 MA's), (197, 42258), (198, 42264), (211, 42300), (224, 42327), (234, 42348), (253, 42411), (270, 42459), (317, 42609), (323, 42633), (325, 42639), (344, 42675), (348, 42687), (368, 42744),

Gene: Zephyr_10 Start: 5875, Stop: 6843, Start Num: 66

Candidate Starts for Zephyr_10:

(Start: 66 @5875 has 361 MA's), (Start: 75 @5908 has 5 MA's), (Start: 80 @5926 has 1 MA's), (Start: 81 @5929 has 2 MA's), (184, 6196), (198, 6247), (201, 6259), (233, 6334), (252, 6397), (264, 6430), (267, 6442), (270, 6460), (276, 6478), (282, 6502), (297, 6541), (317, 6622), (323, 6646), (324, 6649), (325, 6652), (330, 6661), (365, 6748), (378, 6793), (393, 6835),

Gene: Zerg_31 Start: 27550, Stop: 28551, Start Num: 59

Candidate Starts for Zerg_31:

(8, 27070), (11, 27109), (19, 27262), (23, 27298), (Start: 59 @27550 has 240 MA's), (Start: 81 @27625 has 2 MA's), (88, 27658), (98, 27688), (105, 27709), (Start: 134 @27793 has 1 MA's), (150, 27817), (160, 27832), (164, 27844), (198, 27955), (237, 28069), (245, 28087), (260, 28126), (267, 28150), (276, 28186), (283, 28213), (297, 28252), (323, 28360), (351, 28420), (366, 28465), (368, 28477), (378, 28507),

Gene: Zetzy_11 Start: 5527, Stop: 6492, Start Num: 60

Candidate Starts for Zetzy_11:

(Start: 60 @5527 has 92 MA's), (61, 5533), (Start: 75 @5572 has 5 MA's), (Start: 81 @5593 has 2 MA's), (123, 5713), (182, 5851), (198, 5908), (203, 5923), (236, 6004), (241, 6019), (266, 6085), (267, 6088), (268, 6091), (270, 6106), (308, 6247), (314, 6274), (323, 6307), (324, 6310), (341, 6349),

Gene: Zeuska_11 Start: 6553, Stop: 7521, Start Num: 66

Candidate Starts for Zeuska_11:

(Start: 66 @6553 has 361 MA's), (Start: 75 @6586 has 5 MA's), (Start: 80 @6604 has 1 MA's), (Start: 81 @6607 has 2 MA's), (184, 6874), (198, 6925), (201, 6937), (233, 7012), (252, 7075), (258, 7087),

(264, 7108), (267, 7120), (270, 7138), (276, 7156), (282, 7180), (297, 7219), (317, 7300), (323, 7324), (324, 7327), (325, 7330), (330, 7339), (365, 7426), (378, 7471), (393, 7513),

Gene: ZhongYanYuan_27 Start: 26124, Stop: 27095, Start Num: 66

Candidate Starts for ZhongYanYuan_27:

(Start: 66 @26124 has 361 MA's), (Start: 81 @26178 has 2 MA's), (123, 26298), (129, 26313), (Start: 134 @26328 has 1 MA's), (Start: 146 @26343 has 1 MA's), (160, 26376), (164, 26388), (170, 26409), (189, 26472), (198, 26499), (205, 26523), (237, 26604), (241, 26616), (256, 26643), (268, 26679), (270, 26694), (274, 26709), (287, 26754), (298, 26769), (318, 26850), (323, 26868), (324, 26871), (325, 26874), (343, 26901), (351, 26925), (366, 26970), (378, 27012), (398, 27054),

Gene: Zimmer_13 Start: 8022, Stop: 8996, Start Num: 66

Candidate Starts for Zimmer_13:

(Start: 66 @8022 has 361 MA's), (Start: 81 @8076 has 2 MA's), (105, 8136), (124, 8196), (176, 8322), (181, 8334), (183, 8343), (198, 8397), (203, 8412), (233, 8481), (236, 8505), (238, 8511), (241, 8520), (270, 8607), (283, 8649), (308, 8748), (324, 8811), (353, 8874), (360, 8892), (372, 8943),

Gene: Zizzle_31 Start: 27641, Stop: 28642, Start Num: 59

Candidate Starts for Zizzle_31:

(Start: 59 @27641 has 240 MA's), (Start: 66 @27662 has 361 MA's), (71, 27674), (Start: 81 @27716 has 2 MA's), (98, 27779), (105, 27800), (117, 27830), (Start: 134 @27884 has 1 MA's), (150, 27908), (160, 27923), (164, 27935), (198, 28046), (237, 28160), (245, 28178), (260, 28217), (267, 28241), (276, 28277), (283, 28304), (297, 28343), (308, 28391), (323, 28451), (351, 28511), (368, 28568), (378, 28598),

Gene: ZoeJ_29 Start: 24755, Stop: 25963, Start Num: 66

Candidate Starts for ZoeJ_29:

(52, 24713), (Start: 66 @24755 has 361 MA's), (73, 24782), (77, 24797), (88, 24839), (98, 24860), (106, 24887), (Start: 146 @24983 has 1 MA's), (160, 25016), (161, 25019), (170, 25049), (189, 25115), (201, 25154), (232, 25232), (243, 25277), (270, 25352), (297, 25424), (318, 25517), (323, 25538), (328, 25559), (338, 25670), (339, 25685), (347, 25754), (366, 25811), (389, 25892),

Gene: ZygoTaiga_249 Start: 146185, Stop: 147213, Start Num: 56

Candidate Starts for ZygoTaiga_249:

(Start: 56 @146185 has 172 MA's), (Start: 66 @146215 has 361 MA's), (71, 146227), (Start: 81 @146269 has 2 MA's), (98, 146332), (105, 146353), (Start: 134 @146437 has 1 MA's), (160, 146479), (164, 146491), (168, 146506), (189, 146575), (198, 146602), (218, 146656), (231, 146701), (232, 146704), (257, 146782), (264, 146803), (297, 146914), (319, 147004), (323, 147022), (356, 147094), (366, 147127),