

Pham 224210

1: Corvo_24 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
2: AFIS_24 + 2	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
3: MetalQZJ_24 + 4	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
4: BillKnuckles_25	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
5: Graduation_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
6: SpikeB1_26 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
7: Licorice_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
8: PinkPlastic_23	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
9: Jerm2_25 + 2	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
10: Laminat3_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
11: Bexan_23 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
12: Pita2_26 + 9	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
13: Tur99_23 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
14: Q1RiteCrisis_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
15: Beatix_23	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
16: Acme_26 + 3	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
17: Carlyle_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
18: Homines_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
19: Kykar_22	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
20: Naira_25 + 2	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
21: Norz_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
22: Euphoria_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
23: Manatee_25 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
24: BluSpix_24 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
25: Ringer_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
26: SwissCheese_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
27: BaconJack_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
28: Michney_24 + 3	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
29: PineBark_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
30: Sorpresa_24 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
31: GageAP_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
32: KSSJEB_24 + 4	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
33: Peip2012_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
34: Hermia_26	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
35: PnerisBueller_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
36: ProMouse_23	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
37: Makemake_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
38: Big3_24 + 2	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
39: Thor_24 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
40: Pepe_25	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
41: Forsytheast_23	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
42: Buttons_25 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
43: Anglerfish_25	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
44: PascaiRango_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
45: FrogHopper_25	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
46: Ashbailer_23	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
47: Abrogate_250	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
48: LunarLander_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
49: Petruccio_24	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289
50: Parliament_23 + 1	0	199	22	7	86	108	145	182	193	200	217	235	248	263	272	282	289

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51: Bruns_23	5	0	199	23	1	80	86	108	116	145	150	182	178	188	193	198	211	217	235	248	251	263	272	282	288	292		
52: PattyP_26 + 3	4	0	199	23	1	80	86	108	116	145	150	182	178	188	193	198	211	217	235	248	251	263	272	282	288	292		
53: Edtherson_25	4	0	199	23	1	80	86	102	115	142	130	139	142	148	161	162	188	188	202	211	222	232	251	268	272	281	288	292
54: Arcanine_25 +	4	1	199	23	1	80	86	93	106	115	122	130	139	148	161	162	188	188	202	211	222	232	251	268	272	281	288	292
55: TheIoniousMona	5	1	199	23	1	80	86	93	106	116	145	150	182	178	188	193	198	211	217	235	248	251	263	272	282	288	292	
56: Violet_23 + 2	5	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
57: Seanderson_25	5	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
58: BK1_22 + 1	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
59: Gyzlar_26	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
60: DrFeelGood_2	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
61: Ichabod_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
62: Iqorna_23 + 1	5	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
63: Monet_26	5	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
64: Peterson_27	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
65: Dreamboat_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
66: Dulce_23	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
67: Bones_24	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
68: Pinto_26	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
69: Dexes_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
70: Imp3t_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
71: Marco3_24	5	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
72: Aivin_25	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
73: Atlo_23	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
74: Adanisdi_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
75: Payneful_24 +	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
76: Raid_25	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
77: Topgun_24 + 1	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
78: MicSinger_25	5	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
79: Jorgensen_24	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
80: Sagelire_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
81: BigPaolini_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
82: Atkinbua_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
83: Abbyshoes_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
84: Niza_26	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
85: Rubeus_25	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
86: Pmippers_23	5	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
87: Mikhuseil_25	5	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
88: HanShotFirst_2	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
89: Fascinus_23	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
90: Trouble_24	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
91: GrecoEtere0_2	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
92: Zeeculate_23	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
93: BarrowTuph_23	4	0	199	23	1	80	86	93	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
94: Bigroot_23	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
95: Bethlehem_24	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
96: CactusRose_2	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
97: Lesedi_23	4	0	199	23	1	80	86	92	102	116	142	130	139	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
98: Scowl_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
99: Gandalf20_25	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292
100: Ajay_24	4	0	199	23	1	80	86	102	116	142	130	139	142	148	161	162	188	188	202	211	222	232	251	263	272	282	288	292

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 224210 Report

This analysis was run 03/28/25 on database version 593.

Pham number 224210 has 323 members, 29 are drafts.

Phages represented in each track:

- Track 1 : Corvo_24, Snazzy_22
- Track 2 : AFIS_24, Marge_25, Pelly_25
- Track 3 : MetalQZJ_24, MaryBeth_24, Hami1_26, Ohno789_24, Teodoridan_22
- Track 4 : BillKnuckles_25, Bxb1_22
- Track 5 : Graduation_26
- Track 6 : SpikeBT_26, ShortQueendom_23
- Track 7 : Licorice_26
- Track 8 : PinkPlastic_23
- Track 9 : Jerm2_25, BigMau_26, Rohr_25
- Track 10 : Lamina13_24
- Track 11 : Bexan_23, StrongArm_23
- Track 12 : Pita2_26, Solon_24, Sanya_23, Ciao_24, JuliaChild_26, PSullivan_26, Rufus_25, Tote_26, BPBiebs31_25, Swole_26
- Track 13 : Turj99_23, Magnito_23
- Track 14 : QTRlifeCrisis_24
- Track 15 : Beatrix_23
- Track 16 : Acme_26, Greg_26, Fajezeel_26, Pippin_26
- Track 17 : Carlyle_26
- Track 18 : Homines_24
- Track 19 : Kykar_22
- Track 20 : Naira_25, Fenn_25, Squee_25
- Track 21 : Norz_26
- Track 22 : Euphoria_24
- Track 23 : Manatee_25, Pari_25
- Track 24 : BluSpix_24, IgnatiusPatJac_23
- Track 25 : Ringer_24
- Track 26 : SwissCheese_24
- Track 27 : BaconJack_26
- Track 28 : Michley_24, KBG_25, Espresso_24, PacerPaul_24
- Track 29 : PhineBark_24, StewieG_23, Levia_23
- Track 30 : Sorpresa_24, Sandaddy_23, Bigchungji_24
- Track 31 : GageAP_26
- Track 32 : KSSJEB_24, Seabiscuit_26, DreamCatcher_27, U2_24, Switzer_25
- Track 33 : Petp2012_26
- Track 34 : Hermia_26
- Track 35 : PherrisBueller_25
- Track 36 : ProMouse_23

- Track 37 : Makemake_24
- Track 38 : Big3_24, Barriga_24, MrGordo_24
- Track 39 : Thor_24, SarFire_24
- Track 40 : Pepe_25
- Track 41 : Forsytheast_23, Moose_23
- Track 42 : Buttons_25, EnzoK_24
- Track 43 : Anglerfish_25
- Track 44 : PascalRango_23
- Track 45 : Froghopper_25
- Track 46 : Ashballer_23
- Track 47 : Abrogate_250
- Track 48 : LunarLander_24
- Track 49 : Petruccio_24
- Track 50 : Parliament_23, Tasp14_25
- Track 51 : Bruns_23
- Track 52 : PattyP_26, Burton_25, Slagathor_25, Museum_26
- Track 53 : Edtherson_25, Treddle_26
- Track 54 : Arcanine_25, GMonster_23, Rajelicia_24
- Track 55 : TheloniousMonk_26
- Track 56 : Violet_23, Smairt_25, Maroc7_23
- Track 57 : Seanderson_25
- Track 58 : BK1_22, A6_22
- Track 59 : Gyzlar_26
- Track 60 : DrFeelGood_23
- Track 61 : Ichabod_25
- Track 62 : Iqorha_23, Inyanga_23
- Track 63 : Monet_26
- Track 64 : Peterson_27
- Track 65 : Dreamboat_25
- Track 66 : Dulcie_23
- Track 67 : Bones_24
- Track 68 : Pinto_26
- Track 69 : Dexes_25
- Track 70 : Tripl3t_25
- Track 71 : Marco3_24
- Track 72 : Alvin_25
- Track 73 : Arlo_23
- Track 74 : Adahisdi_25
- Track 75 : Payneful_24, Marchy_23
- Track 76 : Raid_25
- Track 77 : Topgun_24, Wilkins_24
- Track 78 : McSinger_25
- Track 79 : Jorgensen_24
- Track 80 : Sagefire_25
- Track 81 : BigPaolini_25
- Track 82 : Atkinbua_25
- Track 83 : Abbyshoes_25, Kenmech_27, Dussy_25
- Track 84 : Niza_26
- Track 85 : Rubeus_25
- Track 86 : Phlippers_23
- Track 87 : Mkhuseleli_25
- Track 88 : HanShotFirst_24
- Track 89 : Fascinus_23

- Track 90 : Trouble_24
- Track 91 : GrecoEtereo_25
- Track 92 : Zeeculate_23
- Track 93 : BarrowTuph_23
- Track 94 : Bigfoot_23
- Track 95 : Bethlehem_24
- Track 96 : CactusRose_23
- Track 97 : Lesedi_23
- Track 98 : Scowl_25
- Track 99 : Gandalf20_25
- Track 100 : Ajay_24
- Track 101 : KittenMittens_24
- Track 102 : Drake94_24, PeaceMeal1_24
- Track 103 : DontArgue_24
- Track 104 : Goose_25
- Track 105 : RhynO_26, Rowdy_29, Shapes_29, DustyMartin_29
- Track 106 : Severus_24
- Track 107 : Trike_23
- Track 108 : Eaglepride_26
- Track 109 : Rebeuca_26
- Track 110 : WalterMcMickey_25, Topanga_25
- Track 111 : Edison31_25, Twister_25
- Track 112 : OKCentral2016_25
- Track 113 : Poompha_24
- Track 114 : Kristoff_26
- Track 115 : Chupacabra_25
- Track 116 : Gadost_25, Nemo27_25, NotAPhaseMom_25, Houdini22_25, Huxley_25
- Track 117 : Mundrea_25
- Track 118 : YoSam321_25
- Track 119 : Palestino_24, Kye_25, JetBlade_25, Connomayer_25, BubbleTrouble_25, Pumbaa_25, MeeZee_25
- Track 120 : Alberto7_26, KFPoly_25, Cocoaberry_25, Chaph_25, Bombshell_25, Thanksgivukkah_25, Phacado_25, Avle17_25, Wander_25, PeterPeter_25, TroyPia_25, Maverick_25
- Track 121 : Skipitt_25
- Track 122 : Roosevelt_25, Annyong_25, Medusa_25, Peaches_25, Jaykayelowell_25
- Track 123 : Camperdownii_24
- Track 124 : DirtyDunning_25, Kratark_25
- Track 125 : Melvin_25, Broseidon_25, Scamp_25, Florean_25, Wizard007_25, Caelakin_25, NorthStar_25, Druantia_25, CentreCat_25, Sparxx_25, Citius_25, Bartimeaus_25, Blackmoor_25, Baby16_25, Bruiser_24, Sabertooth_25
- Track 126 : TinaFeyge_25
- Track 127 : LHTSCC_26, Obama12_26
- Track 128 : ChampagnePapi_26, Cerulean_26, BangNhom_25, SheldonCooper_26
- Track 129 : Datway_25, Backyardigan_25, Xena_25, Wile_25, Achebe_24
- Track 130 : Polymorphads_25, Morrow_25, Phontbonne_25, TiroTheta9_25, Eurydice_25
- Track 131 : Koreni_24, Romney_25
- Track 132 : Lorenzo_25, Maxo_25, Kampy_25, Funston_25
- Track 133 : LeoAvram_25
- Track 134 : Morpher26_25, Bumblebee11_25, Katalie136_25

- Track 135 : Perplexer_25
- Track 136 : Stasia_26
- Track 137 : ICleared_25
- Track 138 : Commander_25
- Track 139 : Dhanush_25
- Track 140 : Wilbur_25
- Track 141 : LittleB_25
- Track 142 : Relief_25, JoongJeon_25, Holli_25, Clarenza_25, OKaNui_26, Taquarus_25
- Track 143 : Arturo_24
- Track 144 : Nebs_25, BellusTerra_25
- Track 145 : Phelipe_25
- Track 146 : LittleGuy_25
- Track 147 : Mayonnaise_25, Eapen_25, Pipcraft_25
- Track 148 : PetiteSangsue_25, AbbysRanger_25
- Track 149 : Albee_25
- Track 150 : Iracema64_26
- Track 151 : Stink_26, Miramae_25, AvatarAhPeg_26
- Track 152 : Rosa24_24
- Track 153 : LappelDuVide_25, Flux_25, Nyxis_25
- Track 154 : Tinybot_24
- Track 155 : Cindaradix_24
- Track 156 : Lunsford_26, Deano_25
- Track 157 : Kingmustik0402_25, HamSlice_24, Millski_24
- Track 158 : Shygu2_25
- Track 159 : Eris_24
- Track 160 : Eagle_24
- Track 161 : LochMonster_25
- Track 162 : Kremtemulon_25
- Track 163 : Lemur_25
- Track 164 : SenorClean_24
- Track 165 : Shaka_25
- Track 166 : Badger_25
- Track 167 : Cintron_25
- Track 168 : Phighter1804_25
- Track 169 : Iceman_26
- Track 170 : Ohfah_25
- Track 171 : Spino_25
- Track 172 : Happiness_25
- Track 173 : Mazhar510_25, Ulysses_24
- Track 174 : Eros_25
- Track 175 : Burger_24
- Track 176 : Abdiel_24
- Track 177 : Ruin_25
- Track 178 : TygerBlood_25
- Track 179 : Koan_24
- Track 180 : Cici_25
- Track 181 : Noelle_25

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

The start number called the most often in the published annotations is 5, it was called in 150 of the 294 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- A6_22, AFIS_24, Abbyshoes_25, Abrogate_250, Acme_26, Adahisdi_25, Ajay_24, Alvin_25, Anglerfish_25, Arcanine_25, Arlo_23, Ashballer_23, Atkinbua_25, BK1_22, BPBiabs31_25, BaconJack_26, Barriga_24, BarrowTuph_23, Beatrix_23, Bethlehem_24, Bexan_23, Big3_24, BigMau_26, BigPaolini_25, Bigchungj_24, Bigfoot_23, BillKnuckles_25, BluSpix_24, Bones_24, Bruns_23, Burton_25, Buttons_25, Bxb1_22, CactusRose_23, Carlyle_26, Chupacabra_25, Ciao_24, Corvo_24, Dexes_25, DrFeelGood_23, DreamCatcher_27, Dreamboat_25, Dulcie_23, Dussy_25, DustyMartin_29, Eaglepride_26, Edtherson_25, EnzoK_24, Espresso_24, Euphoria_24, Fajezeel_26, Fascinus_23, Fenn_25, Forsytheast_23, Froghopper_25, GMonster_23, GageAP_26, Gandalf20_25, Graduation_26, GrecoEtereo_25, Greg_26, Gyzlar_26, Hami1_26, HanShotFirst_24, Hernia_26, Homines_24, Ichabod_25, IgnatiusPatJac_23, Inyanga_23, Iqorha_23, Jerm2_25, Jorgensen_24, JuliaChild_26, KBG_25, KSSJEB_24, Kenmech_27, KittenMittens_24, Koan_24, Kykar_22, Lamina13_24, LeoAvram_25, Lesedi_23, Levia_23, Licorice_26, LunarLander_24, Magnito_23, Makemake_24, Manatee_25, Marchy_23, Marco3_24, Marge_25, Maroc7_23, MaryBeth_24, McSinger_25, MetalQZJ_24, Michley_24, Mkhusei_25, Monet_26, Moose_23, MrGordo_24, Museum_26, Naira_25, Niza_26, Norz_26, OKCentral2016_25, Ohno789_24, PSullivan_26, PacerPaul_24, Pari_25, Parliament_23, PascalRango_23, PattyP_26, Payneful_24, Pelly_25, Pepe_25, Peterson_27, Petp2012_26, Petruchio_24, PherrisBueller_25, PhineBark_24, Phippers_23, PinkPlastic_23, Pinto_26, Pippin_26, Pita2_26, ProMouse_23, QTRlifeCrisis_24, Raid_25, Rajelicia_24, RhynO_26, Ringer_24, Rohr_25, Rosa24_24, Rowdy_29, Rubeus_25, Rufus_25, Sagefire_25, Sandaddy_23, Sanya_23, SarFire_24, Scowl_25, Seabiscuit_26, Seanderson_25, Severus_24, Shapes_29, ShortQueendom_23, Slagathor_25, Smairt_25, Snazzy_22, Solon_24, Sorpresa_24, SpikeBT_26, Squee_25, StewieG_23, StrongArm_23, SwissCheese_24, Switzer_25, Swole_26, Tasp14_25, Teodoridan_22, TheloniousMonk_26, Thor_24, Topanga_25, Topgun_24, Tote_26, Treddle_26, Trike_23, Tripl3t_25, Trouble_24, Turj99_23, U2_24, Violet_23, WalterMcMickey_25, Wilkins_24, Zeeculate_23,

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

- Abdiel_24, Albee_25, Alberto7_26, Annyong_25, Arturo_24, Avle17_25, Baby16_25, BangNhom_25, Bartimeaus_25, BellusTerra_25, Blackmoor_25, Bombshell_25, Broseidon_25, Bruiser_24, BubbleTrouble_25, Burger_24, Caelakin_25, Camperdownii_24, CentreCat_25, Cerulean_26, ChampagnePapi_26, Chaph_25, Citius_25, Clarenza_25, Cocoaberry_25, Commander_25, Connomayer_25, Deano_25, Dhanush_25, DirtyDunning_25, DontArgue_24, Drake94_24, Druantia_25, Eagle_24, Eapen_25, Edison31_25, Eris_24, Eros_25, Eurydice_25, Florean_25, Flux_25, Funston_25, Gadost_25, Goose_25, HamSlice_24, Happiness_25, Holli_25, Houdini22_25, Huxley_25, ICleared_25, Iceman_26, Iracema64_26, Jaykayelowell_25, JetBlade_25, JoongJeon_25, KFPoly_25, Kamy_25, Kingmustik0402_25, Koreni_24, Kratark_25, Kremtemulon_25, Kristoff_26, Kyee_25, LHTSCC_26, LappelDuVide_25, Lemur_25, LittleB_25, LittleGuy_25, LochMonster_25, Lorenzo_25, Lunsford_26, Maverick_25, Maxo_25, Mayonnaise_25, Mazhar510_25, Medusa_25, MeeZee_25, Melvin_25, Millski_24, Morrow_25, Nebs_25, Nemo27_25, NorthStar_25, NotAPhaseMom_25, Nyxis_25, OKaNui_26, Obama12_26, Ohfah_25, Palestino_24, PeaceMeal1_24, Peaches_25,

PeterPeter_25, Phacado_25, Phelipe_25, Phighter1804_25, Phontbonne_25, Pipcraft_25, Polymorphads_25, Poompha_24, Pumbaa_25, Rebeuca_26, Relief_25, Romney_25, Roosevelt_25, Sabertooth_25, Scamp_25, SenorClean_24, Shaka_25, SheldonCooper_26, Skipitt_25, Sparxx_25, Spino_25, Taquarus_25, Thanksgivukkah_25, TinaFeyge_25, Tinybot_24, TiroTheta9_25, TroyPia_25, Twister_25, TygerBlood_25, Ulysses_24, Wander_25, Wilbur_25, Wizard007_25, YoSam321_25,

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

• AbbysRanger_25, Achebe_24, AvatarAhPeg_26, Backyardigan_25, Badger_25, Bumblebee11_25, Cici_25, Cindaradix_24, Cintron_25, Datway_25, Katalie136_25, Miramae_25, Morpher26_25, Mundrea_25, Noelle_25, Perplexer_25, PetiteSangsue_25, Ruin_25, Shygu2_25, Stasia_26, Stink_26, Wile_25, Xena_25,

Summary by start number:

Start 2:

- Found in 163 of 323 (50.5%) of genes in pham
- Manual Annotations of this start: 121 of 294
- Called 74.2% of time when present
- Phage (with cluster) where this start called: AbbysRanger_25 (A4), Abdiel_24 (A4), Achebe_24 (A4), Albee_25 (A4), Alberto7_26 (A4), Annyong_25 (A4), AvatarAhPeg_26 (A4), Avle17_25 (A4), Baby16_25 (A4), Backyardigan_25 (A4), Badger_25 (A4), BangNhom_25 (A4), Bartimeaus_25 (A4), BellusTerra_25 (A4), Blackmoor_25 (A4), Bombshell_25 (A4), Broseidon_25 (A4), Bruiser_24 (A4), BubbleTrouble_25 (A4), Bumblebee11_25 (A4), Burger_24 (A4), Caelakin_25 (A4), Camperdownii_24 (A4), CentreCat_25 (A4), Cerulean_26 (A4), ChampagnePapi_26 (A4), Chaph_25 (A4), Cici_25 (A4), Citius_25 (A4), Clarenza_25 (A4), Cocoaberry_25 (A4), Connomayer_25 (A4), Datway_25 (A4), Deano_25 (A4), Dhanush_25 (A4), DirtyDunning_25 (A4), Drake94_24 (A10), Druantia_25 (A4), Edison31_25 (A10), Eris_24 (A4), Eros_25 (A4), Eurydice_25 (A4), Florean_25 (A4), Funston_25 (A4), Goose_25 (A10), HamSlice_24 (A4), Happiness_25 (A4), Holli_25 (A4), Iceman_26 (A4), Iracema64_26 (A4), Jaykayelowell_25 (A4), JetBlade_25 (A4), JoongJeon_25 (A4), KFPoly_25 (A4), Kamy_25 (A4), Katalie136_25 (A4), Kingmustik0402_25 (A4), Koreni_24 (A4), Kratak_25 (A4), Kremtemulon_25 (A4), Kristoff_26 (A10), Kyee_25 (A4), Lemur_25 (A4), LittleB_25 (A4), LittleGuy_25 (A4), Lorenzo_25 (A4), Lunsford_26 (A4), Maverick_25 (A4), Maxo_25 (A4), Mazhar510_25 (A4), Medusa_25 (A4), MeeZee_25 (A4), Melvin_25 (A4), Millski_24 (A4), Miramae_25 (A4), Morpher26_25 (A4), Morrow_25 (A4), Mundrea_25 (A4), Nebs_25 (A4), Noelle_25 (A4), NorthStar_25 (A4), OKaNui_26 (A4), Ohfah_25 (A4), Palestino_24 (A4), PeaceMeal1_24 (A10), Peaches_25 (A4), Perplexer_25 (A4), PeterPeter_25 (A4), PetiteSangsue_25 (A4), Phacado_25 (A4), Phelipe_25 (A4), Phighter1804_25 (A4), Phontbonne_25 (A4), Polymorphads_25 (A4), Poompha_24 (A10), Pumbaa_25 (A4), Rebeuca_26 (A10), Relief_25 (A4), Romney_25 (A4), Roosevelt_25 (A4), Ruin_25 (A4), Sabertooth_25 (A4), Scamp_25 (A4), Shaka_25 (A4), SheldonCooper_26 (A4), Shygu2_25 (A4), Sparxx_25 (A4), Stasia_26 (A4), Stink_26 (A4), Taquarus_25 (A4), Thanksgivukkah_25 (A4), TiroTheta9_25 (A4), TroyPia_25 (A4), Twister_25 (A10), TygerBlood_25 (A4), Ulysses_24 (A4), Wander_25 (A4), Wile_25 (A4), Wizard007_25 (A4), Xena_25 (A4), YoSam321_25 (A4),

Start 3:

- Found in 1 of 323 (0.3%) of genes in pham
- No Manual Annotations of this start.

- Called 100.0% of time when present
- Phage (with cluster) where this start called: DontArgue_24 (A10),

Start 4:

- Found in 122 of 323 (37.8%) of genes in pham
- Manual Annotations of this start: 22 of 294
- Called 20.5% of time when present
- Phage (with cluster) where this start called: Arturo_24 (A4), Cintron_25 (A4), Commander_25 (A4), Eagle_24 (A4), Eapen_25 (A4), Flux_25 (A4), Gadost_25 (A4), Houdini22_25 (A4), Huxley_25 (A4), ICleared_25 (A4), LHTSCC_26 (A4), LappelDuVide_25 (A4), LochMonster_25 (A4), Mayonnaise_25 (A4), Nemo27_25 (A4), NotAPhaseMom_25 (A4), Nyxis_25 (A4), Obama12_26 (A4), Pipcraft_25 (A4), SenorClean_24 (A4), Skipitt_25 (A4), Spino_25 (A4), TinaFeyge_25 (A4), Tinybot_24 (A4), Wilbur_25 (A4),

Start 5:

- Found in 300 of 323 (92.9%) of genes in pham
- Manual Annotations of this start: 150 of 294
- Called 58.3% of time when present
- Phage (with cluster) where this start called: A6_22 (A1), AFIS_24 (A1), Abbysshoes_25 (A1), Abrogate_250 (A1), Acme_26 (A1), Adahisdi_25 (A1), Ajay_24 (A1), Alvin_25 (A1), Anglerfish_25 (A1), Arcanine_25 (A1), Arlo_23 (A1), Ashballer_23 (A1), Atkinbua_25 (A1), BK1_22 (A1), BPBiabs31_25 (A1), BaconJack_26 (A1), Barriga_24 (A1), BarrowTuph_23 (A1), Beatrix_23 (A1), Bethlehem_24 (A1), Bexan_23 (A1), Big3_24 (A1), BigMau_26 (A1), BigPaolini_25 (A1), Bigchungu_24 (A1), Bigfoot_23 (A1), BillKnuckles_25 (A1), BluSpix_24 (A1), Bones_24 (A1), Bruns_23 (A1), Burton_25 (A1), Buttons_25 (A1), Bxb1_22 (A1), CactusRose_23 (A1), Carlyle_26 (A1), Chupacabra_25 (A10), Ciao_24 (A1), Corvo_24 (A1), Dexes_25 (A1), DrFeelGood_23 (A1), DreamCatcher_27 (A1), Dreamboat_25 (A1), Dulcie_23 (A1), Dussy_25 (A1), DustyMartin_29 (A10), Eaglepride_26 (A10), Edtherson_25 (A1), EnzoK_24 (A1), Espresso_24 (A1), Euphoria_24 (A1), Fajezeel_26 (A1), Fascinus_23 (A1), Fenn_25 (A1), Forsytheast_23 (A1), Froghopper_25 (A1), GMonster_23 (A1), GageAP_26 (A1), Gandalf20_25 (A1), Graduation_26 (A1), GrecoEtereo_25 (A1), Greg_26 (A1), Gyzlar_26 (A1), Hami1_26 (A1), HanShotFirst_24 (A1), Hermia_26 (A1), Homines_24 (A1), Ichabod_25 (A1), IgnatiusPatJac_23 (A1), Inyanga_23 (A1), Iqorha_23 (A1), Jerm2_25 (A1), Jorgensen_24 (A1), JuliaChild_26 (A1), KBG_25 (A1), KSSJEB_24 (A1), Kenmech_27 (A1), KittenMittens_24 (A10), Koan_24 (A4), Kykar_22 (A1), Lamina13_24 (A1), LeoAvram_25 (A4), Lesedi_23 (A1), Levia_23 (A1), Licorice_26 (A1), LunarLander_24 (A1), Magnito_23 (A1), Makemake_24 (A1), Manatee_25 (A1), Marchy_23 (A1), Marco3_24 (A1), Marge_25 (A1), Maroc7_23 (A1), MaryBeth_24 (A1), McSinger_25 (A1), MetalQZJ_24 (A1), Michley_24 (A1), Mkhusele_25 (A1), Monet_26 (A1), Moose_23 (A1), MrGordo_24 (A1), Museum_26 (A1), Naira_25 (A1), Niza_26 (A1), Norz_26 (A1), OKCentral2016_25 (A10), Ohno789_24 (A1), PSullivan_26 (A1), PacerPaul_24 (A1), Pari_25 (A1), Parliament_23 (A1), PascalRango_23 (A1), PattyP_26 (A1), Payneful_24 (A1), Pelly_25 (A1), Pepe_25 (A1), Peterson_27 (A1), Petp2012_26 (A1), Petruccio_24 (A1), PherrisBueller_25 (A1), PhineBark_24 (A1), Phippers_23 (A1), PinkPlastic_23 (A1), Pinto_26 (A1), Pippin_26 (A1), Pita2_26 (A1), ProMouse_23 (A1), QTRlifeCrisis_24 (A1), Raid_25 (A1), Rajelicia_24 (A1), RhynO_26 (A10), Ringer_24 (A1), Rohr_25 (A1), Rosa24_24 (A4), Rowdy_29 (A10), Rubeus_25 (A1), Rufus_25 (A1), Sagefire_25 (A1), Sandaddy_23 (A1), Sanya_23 (A1), SarFire_24 (A1), Scowl_25 (A1), Seabiscuit_26 (A1), Seanderson_25 (A1), Severus_24 (A10), Shapes_29 (A10),

ShortQueendom_23 (A1), Slagathor_25 (A1), Smairt_25 (A1), Snazzy_22 (A1), Solon_24 (A1), Sorpresa_24 (A1), SpikeBT_26 (A1), Squee_25 (A1), StewieG_23 (A1), StrongArm_23 (A1), SwissCheese_24 (A1), Switzer_25 (A1), Swole_26 (A1), Tasp14_25 (A1), Teodoridan_22 (A1), TheloniousMonk_26 (A1), Thor_24 (A1), Topanga_25 (A10), Topgun_24 (A1), Tote_26 (A1), Treddle_26 (A1), Trike_23 (A10), Tripl3t_25 (A1), Trouble_24 (A1), Turj99_23 (A1), U2_24 (A1), Violet_23 (A1), WalterMcMickey_25 (A10), Wilkins_24 (A1), Zeeculate_23 (A1),

Start 8:

- Found in 4 of 323 (1.2%) of genes in pham
- Manual Annotations of this start: 1 of 294
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Cindaradix_24 (A4),

Summary by clusters:

There are 3 clusters represented in this pham: A1, A4, A10,

Info for manual annotations of cluster A1:

- Start number 5 was manually annotated 140 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 2 was manually annotated 8 times for cluster A10.
- Start number 5 was manually annotated 9 times for cluster A10.

Info for manual annotations of cluster A4:

- Start number 2 was manually annotated 113 times for cluster A4.
- Start number 4 was manually annotated 22 times for cluster A4.
- Start number 5 was manually annotated 1 time for cluster A4.
- Start number 8 was manually annotated 1 time for cluster A4.

Gene Information:

Gene: A6_22 Start: 15930, Stop: 18401, Start Num: 5

Candidate Starts for A6_22:

(Start: 5 @15930 has 150 MA's), (9, 15969), (16, 16032), (20, 16062), (22, 16083), (26, 16104), (27, 16116), (30, 16134), (35, 16158), (42, 16224), (48, 16251), (77, 16422), (80, 16455), (86, 16521), (108, 16776), (110, 16797), (116, 16824), (121, 16863), (145, 16983), (150, 17019), (162, 17112), (169, 17133), (182, 17190), (193, 17310), (199, 17346), (203, 17376), (211, 17412), (215, 17478), (217, 17499), (223, 17541), (235, 17640), (248, 17781), (251, 17802), (269, 18033), (272, 18114), (282, 18225), (289, 18312), (292, 18351), (293, 18366),

Gene: AFIS_24 Start: 16262, Stop: 18922, Start Num: 5

Candidate Starts for AFIS_24:

(Start: 5 @16262 has 150 MA's), (9, 16301), (16, 16364), (17, 16370), (20, 16394), (25, 16436), (77, 16745), (83, 16808), (88, 16853), (92, 16877), (96, 16952), (97, 16964), (128, 17285), (165, 17615), (174, 17666), (180, 17693), (202, 17897), (216, 18011), (217, 18020), (220, 18041), (224, 18062), (235, 18161), (237, 18203), (238, 18206), (252, 18335), (259, 18419), (265, 18464), (282, 18746), (289, 18833), (292, 18872), (293, 18887),

Gene: AbbysRanger_25 Start: 15899, Stop: 18499, Start Num: 2

Candidate Starts for AbbysRanger_25:

(Start: 2 @15899 has 121 MA's), (28, 16241), (36, 16289), (43, 16346), (62, 16451), (64, 16466), (67, 16478), (77, 16541), (88, 16649), (90, 16670), (93, 16691), (133, 17042), (143, 17093), (150, 17138), (166, 17249), (168, 17255), (183, 17351), (187, 17387), (192, 17423), (199, 17471), (213, 17588), (229, 17702), (242, 17867), (243, 17885), (257, 17999), (258, 18011), (267, 18101), (270, 18194), (275, 18266), (276, 18275), (282, 18335), (283, 18344), (291, 18431), (294, 18479),

Gene: Abbysshoes_25 Start: 16660, Stop: 19059, Start Num: 5

Candidate Starts for Abbysshoes_25:

(Start: 5 @16660 has 150 MA's), (9, 16699), (16, 16762), (20, 16792), (22, 16813), (26, 16834), (27, 16846), (30, 16864), (37, 16909), (42, 16954), (77, 17152), (80, 17185), (86, 17251), (108, 17506), (110, 17527), (116, 17554), (121, 17593), (130, 17650), (139, 17680), (162, 17842), (195, 17995), (196, 18007), (199, 18022), (214, 18139), (221, 18184), (224, 18205), (225, 18208), (239, 18358), (242, 18373), (248, 18439), (253, 18481), (269, 18691), (272, 18772), (282, 18883), (289, 18970), (292, 19009), (293, 19024),

Gene: Abdiel_24 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Abdiel_24:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (58, 16401), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Abrogate_250 Start: 17018, Stop: 19597, Start Num: 5

Candidate Starts for Abrogate_250:

(Start: 5 @17018 has 150 MA's), (9, 17057), (16, 17120), (20, 17150), (31, 17234), (60, 17405), (83, 17573), (88, 17618), (91, 17642), (93, 17660), (126, 17972), (144, 18128), (154, 18230), (157, 18263), (172, 18335), (182, 18374), (190, 18461), (203, 18560), (215, 18662), (217, 18683), (219, 18695), (223, 18725), (235, 18824), (239, 18887), (260, 19106), (264, 19139), (282, 19421), (289, 19508), (292, 19547), (293, 19562),

Gene: Achebe_24 Start: 15879, Stop: 18479, Start Num: 2

Candidate Starts for Achebe_24:

(Start: 2 @15879 has 121 MA's), (36, 16269), (58, 16398), (62, 16431), (67, 16458), (77, 16521), (88, 16629), (99, 16764), (121, 16962), (139, 17049), (143, 17073), (150, 17118), (166, 17229), (168, 17235), (192, 17403), (199, 17451), (209, 17508), (213, 17568), (219, 17616), (224, 17649), (229, 17682), (230, 17700), (242, 17847), (243, 17865), (258, 17991), (267, 18081), (271, 18180), (275, 18246), (276, 18255), (282, 18315), (283, 18324), (285, 18360), (288, 18378), (291, 18411), (294, 18459),

Gene: Acme_26 Start: 16689, Stop: 19160, Start Num: 5

Candidate Starts for Acme_26:

(Start: 5 @16689 has 150 MA's), (9, 16728), (16, 16791), (20, 16821), (22, 16842), (26, 16863), (27, 16875), (30, 16893), (35, 16917), (57, 17055), (62, 17091), (77, 17181), (80, 17214), (86, 17280), (108, 17535), (110, 17556), (116, 17583), (117, 17598), (130, 17679), (145, 17742), (150, 17778), (162, 17871), (169, 17892), (171, 17907), (176, 17928), (177, 17931), (186, 18000), (190, 18036), (193, 18069), (199, 18105), (203, 18135), (211, 18171), (215, 18237), (217, 18258), (235, 18399), (248, 18540), (251, 18561), (263, 18696), (272, 18873), (282, 18984), (287, 19050), (289, 19071), (292, 19110), (293, 19125),

Gene: Adahisdi_25 Start: 16587, Stop: 19067, Start Num: 5

Candidate Starts for Adahisdi_25:

(Start: 5 @16587 has 150 MA's), (9, 16626), (16, 16689), (20, 16719), (26, 16761), (59, 16968), (62, 16986), (77, 17076), (83, 17139), (85, 17163), (86, 17175), (93, 17226), (140, 17610), (155, 17712), (161, 17751), (166, 17778), (171, 17802), (203, 18030), (215, 18132), (217, 18153), (223, 18195), (235, 18294), (239, 18357), (260, 18576), (264, 18609), (282, 18891), (289, 18978), (292, 19017), (294, 19047),

Gene: Ajay_24 Start: 16404, Stop: 18875, Start Num: 5

Candidate Starts for Ajay_24:

(Start: 5 @16404 has 150 MA's), (9, 16443), (16, 16506), (20, 16536), (22, 16557), (26, 16578), (30, 16608), (35, 16632), (42, 16698), (77, 16896), (80, 16929), (86, 16995), (108, 17250), (110, 17271), (116, 17298), (145, 17457), (150, 17493), (162, 17586), (169, 17607), (171, 17622), (176, 17643), (177, 17646), (186, 17715), (190, 17751), (193, 17784), (199, 17820), (203, 17850), (211, 17886), (215, 17952), (217, 17973), (235, 18114), (248, 18255), (251, 18276), (263, 18411), (272, 18588), (282, 18699), (289, 18786), (292, 18825),

Gene: Albee_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Albee_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (121, 16968), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Alberto7_26 Start: 16187, Stop: 18787, Start Num: 2

Candidate Starts for Alberto7_26:

(Start: 2 @16187 has 121 MA's), (Start: 4 @16328 has 22 MA's), (Start: 5 @16346 has 150 MA's), (33, 16553), (38, 16592), (40, 16622), (62, 16739), (67, 16766), (77, 16829), (83, 16892), (88, 16937), (93, 16979), (98, 17063), (133, 17330), (143, 17381), (150, 17426), (159, 17504), (166, 17537), (168, 17543), (172, 17564), (192, 17711), (195, 17732), (198, 17756), (210, 17822), (213, 17876), (219, 17924), (229, 17990), (242, 18155), (243, 18173), (258, 18299), (274, 18551), (275, 18554), (276, 18563), (282, 18623), (291, 18719), (294, 18767),

Gene: Alvin_25 Start: 16904, Stop: 19375, Start Num: 5

Candidate Starts for Alvin_25:

(Start: 5 @16904 has 150 MA's), (9, 16943), (16, 17006), (20, 17036), (22, 17057), (26, 17078), (27, 17090), (30, 17108), (35, 17132), (42, 17198), (77, 17396), (80, 17429), (86, 17495), (108, 17750), (110, 17771), (116, 17798), (145, 17957), (150, 17993), (162, 18086), (169, 18107), (182, 18164), (193, 18284), (199, 18320), (203, 18350), (211, 18386), (215, 18452), (217, 18473), (223, 18515), (235, 18614), (248, 18755), (251, 18776), (269, 19007), (272, 19088), (282, 19199), (289, 19286), (292, 19325), (294, 19355),

Gene: Anglerfish_25 Start: 17554, Stop: 19554, Start Num: 5

Candidate Starts for Anglerfish_25:

(Start: 5 @17554 has 150 MA's), (9, 17593), (16, 17656), (20, 17686), (22, 17707), (33, 17767), (47, 17863), (59, 17932), (61, 17944), (77, 18040), (80, 18073), (102, 18307), (151, 18595), (178, 18697), (189, 18787), (193, 18829), (201, 18883), (203, 18895), (207, 18910), (210, 18928), (212, 18940), (222, 19048), (232, 19144), (254, 19354), (268, 19504),

Gene: Annyong_25 Start: 15886, Stop: 18486, Start Num: 2

Candidate Starts for Annyong_25:

(Start: 2 @15886 has 121 MA's), (Start: 4 @16027 has 22 MA's), (Start: 5 @16045 has 150 MA's), (33, 16252), (38, 16291), (40, 16321), (62, 16438), (67, 16465), (77, 16528), (83, 16591), (88, 16636), (93, 16678), (98, 16762), (133, 17029), (143, 17080), (150, 17125), (159, 17203), (166, 17236), (168, 17242), (183, 17338), (184, 17347), (192, 17410), (195, 17431), (199, 17458), (209, 17515), (210, 17521), (213, 17575), (219, 17623), (229, 17689), (242, 17854), (243, 17872), (258, 17998), (274, 18250), (275, 18253), (276, 18262), (282, 18322), (291, 18418), (294, 18466),

Gene: Arcanine_25 Start: 16570, Stop: 18570, Start Num: 5

Candidate Starts for Arcanine_25:

(Start: 5 @16570 has 150 MA's), (9, 16609), (16, 16672), (20, 16702), (22, 16723), (33, 16783), (47, 16879), (54, 16918), (59, 16948), (61, 16960), (77, 17056), (80, 17089), (102, 17323), (139, 17548), (151, 17611), (178, 17713), (181, 17725), (189, 17803), (193, 17845), (201, 17899), (203, 17911), (207, 17926), (210, 17944), (212, 17956), (217, 18034), (222, 18064), (228, 18109), (232, 18160), (254, 18370), (268, 18520),

Gene: Arlo_23 Start: 15964, Stop: 18444, Start Num: 5

Candidate Starts for Arlo_23:

(Start: 5 @15964 has 150 MA's), (9, 16003), (16, 16066), (20, 16096), (26, 16138), (59, 16345), (62, 16363), (77, 16453), (83, 16516), (85, 16540), (86, 16552), (93, 16603), (140, 16987), (155, 17089), (161, 17128), (162, 17143), (166, 17155), (171, 17179), (190, 17308), (203, 17407), (215, 17509), (217, 17530), (223, 17572), (235, 17671), (239, 17734), (249, 17824), (260, 17953), (264, 17986), (282, 18268), (287, 18334), (289, 18355), (292, 18394), (294, 18424),

Gene: Arturo_24 Start: 16137, Stop: 18596, Start Num: 4

Candidate Starts for Arturo_24:

(Start: 2 @15996 has 121 MA's), (Start: 4 @16137 has 22 MA's), (Start: 5 @16155 has 150 MA's), (24, 16311), (33, 16362), (40, 16431), (62, 16548), (67, 16575), (77, 16638), (83, 16701), (88, 16746), (93, 16788), (98, 16872), (133, 17139), (143, 17190), (150, 17235), (159, 17313), (166, 17346), (168, 17352), (186, 17466), (192, 17520), (198, 17565), (209, 17625), (213, 17685), (229, 17799), (230, 17817), (242, 17964), (243, 17982), (258, 18108), (274, 18360), (275, 18363), (276, 18372), (281, 18429), (282, 18432), (285, 18477), (291, 18528), (294, 18576),

Gene: Ashballer_23 Start: 16347, Stop: 18818, Start Num: 5

Candidate Starts for Ashballer_23:

(Start: 5 @16347 has 150 MA's), (9, 16386), (16, 16449), (20, 16479), (22, 16500), (26, 16521), (27, 16533), (30, 16551), (42, 16641), (77, 16839), (80, 16872), (86, 16938), (108, 17193), (110, 17214), (116, 17241), (145, 17400), (150, 17436), (162, 17529), (169, 17550), (182, 17607), (193, 17727), (199, 17763), (203, 17793), (211, 17829), (215, 17895), (217, 17916), (235, 18057), (248, 18198), (251, 18219), (263, 18354), (272, 18531), (282, 18642), (287, 18708), (289, 18729), (292, 18768),

Gene: Atkinbua_25 Start: 16303, Stop: 18771, Start Num: 5

Candidate Starts for Atkinbua_25:

(Start: 5 @16303 has 150 MA's), (6, 16318), (16, 16402), (17, 16408), (20, 16432), (22, 16453), (26, 16474), (30, 16504), (35, 16528), (42, 16594), (77, 16792), (80, 16825), (86, 16891), (108, 17146), (110, 17167), (116, 17194), (145, 17353), (162, 17482), (169, 17503), (171, 17518), (176, 17539), (177, 17542), (186, 17611), (190, 17647), (193, 17680), (199, 17716), (203, 17746), (211, 17782), (215, 17848), (217, 17869), (235, 18010), (248, 18151), (251, 18172), (263, 18307), (272, 18484), (282, 18595), (287, 18661), (289, 18682), (292, 18721),

Gene: AvatarAhPeg_26 Start: 16164, Stop: 18764, Start Num: 2

Candidate Starts for AvatarAhPeg_26:

(Start: 2 @16164 has 121 MA's), (Start: 8 @16347 has 1 MA's), (28, 16506), (36, 16554), (62, 16716), (65, 16734), (77, 16806), (88, 16914), (95, 16998), (121, 17247), (139, 17334), (143, 17358), (150,

17403), (166, 17514), (168, 17520), (187, 17652), (192, 17688), (195, 17709), (199, 17736), (209, 17793), (213, 17853), (229, 17967), (242, 18132), (243, 18150), (253, 18219), (258, 18276), (271, 18465), (275, 18531), (276, 18540), (282, 18600), (283, 18609), (285, 18645), (288, 18663), (291, 18696), (294, 18744),

Gene: Avle17_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Avle17_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: BK1_22 Start: 15930, Stop: 18401, Start Num: 5

Candidate Starts for BK1_22:

(Start: 5 @15930 has 150 MA's), (9, 15969), (16, 16032), (20, 16062), (22, 16083), (26, 16104), (27, 16116), (30, 16134), (35, 16158), (42, 16224), (48, 16251), (77, 16422), (80, 16455), (86, 16521), (108, 16776), (110, 16797), (116, 16824), (121, 16863), (145, 16983), (150, 17019), (162, 17112), (169, 17133), (182, 17190), (193, 17310), (199, 17346), (203, 17376), (211, 17412), (215, 17478), (217, 17499), (223, 17541), (235, 17640), (248, 17781), (251, 17802), (269, 18033), (272, 18114), (282, 18225), (289, 18312), (292, 18351), (293, 18366),

Gene: BPBiebs31_25 Start: 16611, Stop: 19082, Start Num: 5

Candidate Starts for BPBiebs31_25:

(Start: 5 @16611 has 150 MA's), (9, 16650), (16, 16713), (20, 16743), (22, 16764), (26, 16785), (27, 16797), (30, 16815), (42, 16905), (77, 17103), (80, 17136), (86, 17202), (108, 17457), (110, 17478), (116, 17505), (145, 17664), (150, 17700), (162, 17793), (169, 17814), (182, 17871), (193, 17991), (199, 18027), (203, 18057), (211, 18093), (215, 18159), (217, 18180), (235, 18321), (248, 18462), (251, 18483), (263, 18618), (272, 18795), (282, 18906), (287, 18972), (289, 18993), (292, 19032), (293, 19047),

Gene: Baby16_25 Start: 15894, Stop: 18494, Start Num: 2

Candidate Starts for Baby16_25:

(Start: 2 @15894 has 121 MA's), (Start: 4 @16035 has 22 MA's), (Start: 5 @16053 has 150 MA's), (33, 16260), (38, 16299), (40, 16329), (62, 16446), (67, 16473), (77, 16536), (83, 16599), (88, 16644), (93, 16686), (98, 16770), (133, 17037), (143, 17088), (150, 17133), (159, 17211), (168, 17250), (172, 17271), (192, 17418), (195, 17439), (198, 17463), (209, 17523), (210, 17529), (211, 17532), (213, 17583), (219, 17631), (229, 17697), (242, 17862), (243, 17880), (258, 18006), (274, 18258), (275, 18261), (276, 18270), (282, 18330), (291, 18426), (294, 18474),

Gene: Backyardigan_25 Start: 15891, Stop: 18491, Start Num: 2

Candidate Starts for Backyardigan_25:

(Start: 2 @15891 has 121 MA's), (36, 16281), (58, 16410), (62, 16443), (67, 16470), (77, 16533), (88, 16641), (99, 16776), (121, 16974), (139, 17061), (143, 17085), (150, 17130), (166, 17241), (168, 17247), (192, 17415), (199, 17463), (209, 17520), (213, 17580), (219, 17628), (224, 17661), (229, 17694), (230, 17712), (242, 17859), (243, 17877), (258, 18003), (267, 18093), (271, 18192), (275, 18258), (276, 18267), (282, 18327), (283, 18336), (285, 18372), (288, 18390), (291, 18423), (294, 18471),

Gene: BaconJack_26 Start: 16685, Stop: 19084, Start Num: 5

Candidate Starts for BaconJack_26:

(Start: 5 @16685 has 150 MA's), (9, 16724), (16, 16787), (20, 16817), (22, 16838), (26, 16859), (30, 16889), (35, 16913), (42, 16979), (77, 17177), (80, 17210), (86, 17276), (108, 17531), (110, 17552), (116, 17579), (145, 17738), (150, 17774), (162, 17867), (195, 18020), (196, 18032), (199, 18047), (214, 18164), (221, 18209), (224, 18230), (225, 18233), (242, 18398), (248, 18464), (253, 18506), (269, 18716), (272, 18797), (282, 18908), (287, 18974), (289, 18995), (292, 19034), (294, 19064),

Gene: Badger_25 Start: 15880, Stop: 18480, Start Num: 2

Candidate Starts for Badger_25:

(Start: 2 @15880 has 121 MA's), (36, 16270), (58, 16399), (62, 16432), (67, 16459), (77, 16522), (88, 16630), (99, 16765), (139, 17050), (143, 17074), (150, 17119), (166, 17230), (168, 17236), (192, 17404), (199, 17452), (209, 17509), (213, 17569), (219, 17617), (224, 17650), (229, 17683), (230, 17701), (242, 17848), (243, 17866), (258, 17992), (267, 18082), (271, 18181), (275, 18247), (276, 18256), (282, 18316), (283, 18325), (285, 18361), (288, 18379), (291, 18412), (294, 18460),

Gene: BangNhom_25 Start: 16196, Stop: 18796, Start Num: 2

Candidate Starts for BangNhom_25:

(Start: 2 @16196 has 121 MA's), (Start: 4 @16337 has 22 MA's), (Start: 5 @16355 has 150 MA's), (24, 16511), (33, 16562), (40, 16631), (62, 16748), (67, 16775), (77, 16838), (83, 16901), (88, 16946), (93, 16988), (98, 17072), (121, 17279), (133, 17339), (143, 17390), (150, 17435), (159, 17513), (166, 17546), (168, 17552), (192, 17720), (195, 17741), (198, 17765), (209, 17825), (210, 17831), (211, 17834), (213, 17885), (219, 17933), (229, 17999), (242, 18164), (243, 18182), (258, 18308), (274, 18560), (275, 18563), (276, 18572), (281, 18629), (282, 18632), (285, 18677), (291, 18728), (294, 18776),

Gene: Barriga_24 Start: 16199, Stop: 18670, Start Num: 5

Candidate Starts for Barriga_24:

(Start: 5 @16199 has 150 MA's), (9, 16238), (16, 16301), (20, 16331), (22, 16352), (26, 16373), (30, 16403), (35, 16427), (42, 16493), (77, 16691), (80, 16724), (86, 16790), (108, 17045), (110, 17066), (116, 17093), (145, 17252), (150, 17288), (162, 17381), (169, 17402), (171, 17417), (176, 17438), (177, 17441), (186, 17510), (190, 17546), (193, 17579), (199, 17615), (203, 17645), (211, 17681), (215, 17747), (217, 17768), (235, 17909), (248, 18050), (251, 18071), (263, 18206), (272, 18383), (282, 18494), (289, 18581), (292, 18620), (293, 18635),

Gene: BarrowTuph_23 Start: 16245, Stop: 18713, Start Num: 5

Candidate Starts for BarrowTuph_23:

(Start: 5 @16245 has 150 MA's), (6, 16260), (20, 16374), (22, 16395), (26, 16416), (30, 16446), (42, 16536), (77, 16734), (80, 16767), (86, 16833), (108, 17088), (110, 17109), (116, 17136), (145, 17295), (150, 17331), (162, 17424), (169, 17445), (182, 17502), (193, 17622), (199, 17658), (203, 17688), (211, 17724), (215, 17790), (217, 17811), (235, 17952), (248, 18093), (251, 18114), (263, 18249), (272, 18426), (282, 18537), (287, 18603), (289, 18624), (292, 18663), (293, 18678),

Gene: Bartimeaus_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Bartimeaus_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Beatrix_23 Start: 17117, Stop: 19777, Start Num: 5

Candidate Starts for Beatrix_23:

(Start: 5 @17117 has 150 MA's), (9, 17156), (16, 17219), (20, 17249), (25, 17291), (77, 17600), (83, 17663), (88, 17708), (92, 17732), (96, 17807), (97, 17819), (128, 18140), (165, 18470), (174, 18521), (180, 18548), (202, 18752), (216, 18866), (217, 18875), (220, 18896), (224, 18917), (235, 19016), (237, 19058), (238, 19061), (252, 19190), (259, 19274), (265, 19319), (282, 19601), (289, 19688), (292, 19727),

Gene: BellusTerra_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for BellusTerra_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Bethlehem_24 Start: 17626, Stop: 20097, Start Num: 5

Candidate Starts for Bethlehem_24:

(Start: 5 @17626 has 150 MA's), (9, 17665), (16, 17728), (20, 17758), (22, 17779), (26, 17800), (30, 17830), (35, 17854), (42, 17920), (77, 18118), (80, 18151), (86, 18217), (108, 18472), (110, 18493), (116, 18520), (145, 18679), (150, 18715), (162, 18808), (169, 18829), (182, 18886), (193, 19006), (199, 19042), (203, 19072), (211, 19108), (215, 19174), (217, 19195), (223, 19237), (235, 19336), (248, 19477), (251, 19498), (263, 19633), (272, 19810), (282, 19921), (287, 19987), (289, 20008), (292, 20047), (293, 20062),

Gene: Bexan_23 Start: 17348, Stop: 19819, Start Num: 5

Candidate Starts for Bexan_23:

(Start: 5 @17348 has 150 MA's), (9, 17387), (16, 17450), (20, 17480), (22, 17501), (26, 17522), (27, 17534), (30, 17552), (35, 17576), (37, 17597), (42, 17642), (77, 17840), (80, 17873), (86, 17939), (108, 18194), (110, 18215), (116, 18242), (145, 18401), (150, 18437), (162, 18530), (169, 18551), (182, 18608), (193, 18728), (199, 18764), (203, 18794), (211, 18830), (215, 18896), (217, 18917), (235, 19058), (248, 19199), (251, 19220), (263, 19355), (272, 19532), (282, 19643), (289, 19730), (292, 19769), (294, 19799),

Gene: Big3_24 Start: 16979, Stop: 19450, Start Num: 5

Candidate Starts for Big3_24:

(Start: 5 @16979 has 150 MA's), (9, 17018), (16, 17081), (20, 17111), (22, 17132), (26, 17153), (30, 17183), (35, 17207), (42, 17273), (77, 17471), (80, 17504), (86, 17570), (108, 17825), (110, 17846), (116, 17873), (145, 18032), (150, 18068), (162, 18161), (169, 18182), (171, 18197), (176, 18218), (177, 18221), (186, 18290), (190, 18326), (193, 18359), (199, 18395), (203, 18425), (211, 18461), (215, 18527), (217, 18548), (235, 18689), (248, 18830), (251, 18851), (263, 18986), (272, 19163), (282, 19274), (289, 19361), (292, 19400), (293, 19415),

Gene: BigMau_26 Start: 16571, Stop: 19051, Start Num: 5

Candidate Starts for BigMau_26:

(Start: 5 @16571 has 150 MA's), (9, 16610), (16, 16673), (20, 16703), (26, 16745), (59, 16952), (62, 16970), (77, 17060), (83, 17123), (85, 17147), (86, 17159), (93, 17210), (140, 17594), (155, 17696), (161, 17735), (162, 17750), (166, 17762), (171, 17786), (190, 17915), (203, 18014), (215, 18116), (217, 18137), (223, 18179), (235, 18278), (239, 18341), (249, 18431), (260, 18560), (264, 18593), (282, 18875), (287, 18941), (289, 18962), (292, 19001), (293, 19016),

Gene: BigPaolini_25 Start: 16999, Stop: 19470, Start Num: 5

Candidate Starts for BigPaolini_25:

(Start: 5 @16999 has 150 MA's), (9, 17038), (16, 17101), (20, 17131), (22, 17152), (26, 17173), (27, 17185), (30, 17203), (42, 17293), (77, 17491), (80, 17524), (86, 17590), (108, 17845), (110, 17866), (116, 17893), (145, 18052), (150, 18088), (162, 18181), (169, 18202), (171, 18217), (176, 18238), (177, 18241), (186, 18310), (190, 18346), (193, 18379), (199, 18415), (203, 18445), (211, 18481), (215, 18547), (217, 18568), (235, 18709), (248, 18850), (251, 18871), (263, 19006), (272, 19183), (282, 19294), (289, 19381), (292, 19420), (293, 19435),

Gene: Bigchungji_24 Start: 16372, Stop: 18843, Start Num: 5

Candidate Starts for Bigchungji_24:

(Start: 5 @16372 has 150 MA's), (9, 16411), (16, 16474), (20, 16504), (22, 16525), (26, 16546), (27, 16558), (30, 16576), (42, 16666), (77, 16864), (80, 16897), (86, 16963), (108, 17218), (110, 17239), (116, 17266), (145, 17425), (150, 17461), (162, 17554), (169, 17575), (182, 17632), (193, 17752), (199, 17788), (203, 17818), (211, 17854), (215, 17920), (217, 17941), (235, 18082), (248, 18223), (251, 18244), (272, 18556), (282, 18667), (284, 18709), (289, 18754), (292, 18793), (293, 18808),

Gene: Bigfoot_23 Start: 16100, Stop: 18679, Start Num: 5

Candidate Starts for Bigfoot_23:

(Start: 5 @16100 has 150 MA's), (9, 16139), (16, 16202), (20, 16232), (53, 16451), (60, 16487), (83, 16655), (88, 16700), (91, 16724), (93, 16742), (126, 17054), (144, 17210), (154, 17312), (157, 17345), (172, 17417), (182, 17456), (190, 17543), (203, 17642), (215, 17744), (217, 17765), (219, 17777), (223, 17807), (235, 17906), (239, 17969), (249, 18059), (260, 18188), (264, 18221), (282, 18503), (289, 18590), (292, 18629), (294, 18659),

Gene: BillKnuckles_25 Start: 17064, Stop: 19535, Start Num: 5

Candidate Starts for BillKnuckles_25:

(Start: 5 @17064 has 150 MA's), (9, 17103), (16, 17166), (20, 17196), (22, 17217), (26, 17238), (27, 17250), (30, 17268), (37, 17313), (42, 17358), (77, 17556), (80, 17589), (86, 17655), (108, 17910), (110, 17931), (116, 17958), (145, 18117), (150, 18153), (162, 18246), (169, 18267), (182, 18324), (193, 18444), (199, 18480), (203, 18510), (211, 18546), (215, 18612), (217, 18633), (235, 18774), (248, 18915), (251, 18936), (263, 19071), (272, 19248), (282, 19359), (287, 19425), (289, 19446), (292, 19485), (293, 19500),

Gene: Blackmoor_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Blackmoor_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: BluSpix_24 Start: 16360, Stop: 18831, Start Num: 5

Candidate Starts for BluSpix_24:

(Start: 5 @16360 has 150 MA's), (9, 16399), (16, 16462), (20, 16492), (22, 16513), (26, 16534), (27, 16546), (30, 16564), (42, 16654), (77, 16852), (80, 16885), (86, 16951), (108, 17206), (110, 17227), (116, 17254), (145, 17413), (150, 17449), (162, 17542), (169, 17563), (182, 17620), (193, 17740), (199, 17776), (203, 17806), (211, 17842), (215, 17908), (217, 17929), (235, 18070), (248, 18211), (251, 18232), (263, 18367), (272, 18544), (282, 18655), (287, 18721), (289, 18742), (292, 18781), (294, 18811),

Gene: Bombshell_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Bombshell_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Bones_24 Start: 16097, Stop: 18757, Start Num: 5

Candidate Starts for Bones_24:

(Start: 5 @16097 has 150 MA's), (9, 16136), (16, 16199), (20, 16229), (25, 16271), (77, 16580), (83, 16643), (88, 16688), (92, 16712), (96, 16787), (97, 16799), (128, 17120), (165, 17450), (174, 17501), (180, 17528), (202, 17732), (216, 17846), (217, 17855), (220, 17876), (224, 17897), (235, 17996), (237, 18038), (238, 18041), (252, 18170), (259, 18254), (265, 18299), (282, 18581), (287, 18647), (289, 18668), (292, 18707), (293, 18722),

Gene: Broseidon_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Broseidon_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Bruiser_24 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Bruiser_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Bruns_23 Start: 16283, Stop: 18754, Start Num: 5

Candidate Starts for Bruns_23:

(Start: 5 @16283 has 150 MA's), (9, 16322), (16, 16385), (20, 16415), (22, 16436), (26, 16457), (27, 16469), (30, 16487), (42, 16577), (77, 16775), (80, 16808), (86, 16874), (108, 17129), (110, 17150), (116, 17177), (145, 17336), (150, 17372), (162, 17465), (169, 17486), (171, 17501), (176, 17522), (177, 17525), (186, 17594), (190, 17630), (193, 17663), (199, 17699), (200, 17708), (203, 17729), (211, 17765), (215, 17831), (217, 17852), (235, 17993), (248, 18134), (251, 18155), (263, 18290), (272, 18467), (282, 18578), (289, 18665), (292, 18704), (293, 18719),

Gene: BubbleTrouble_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for BubbleTrouble_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (186, 17355), (192, 17409), (198, 17454), (209, 17514), (212, 17532), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Bumblebee11_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Bumblebee11_25:

(Start: 2 @15885 has 121 MA's), (24, 16200), (28, 16227), (36, 16275), (43, 16332), (62, 16437), (64, 16452), (67, 16464), (77, 16527), (88, 16635), (90, 16656), (93, 16677), (143, 17079), (149, 17121), (150, 17124), (166, 17235), (168, 17241), (187, 17373), (192, 17409), (199, 17457), (213, 17574), (229, 17688), (242, 17853), (243, 17871), (257, 17985), (258, 17997), (267, 18087), (270, 18180), (275, 18252), (276, 18261), (282, 18321), (283, 18330), (291, 18417), (294, 18465),

Gene: Burger_24 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Burger_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (121, 16968), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (183, 17337), (184, 17346), (192, 17409), (195, 17430), (199, 17457), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Burton_25 Start: 16481, Stop: 18952, Start Num: 5

Candidate Starts for Burton_25:

(Start: 5 @16481 has 150 MA's), (9, 16520), (16, 16583), (20, 16613), (22, 16634), (26, 16655), (27, 16667), (30, 16685), (35, 16709), (42, 16775), (77, 16973), (80, 17006), (86, 17072), (108, 17327), (110, 17348), (116, 17375), (145, 17534), (150, 17570), (162, 17663), (169, 17684), (182, 17741), (193, 17861), (199, 17897), (203, 17927), (211, 17963), (215, 18029), (217, 18050), (235, 18191), (248, 18332), (251, 18353), (263, 18488), (272, 18665), (282, 18776), (287, 18842), (289, 18863), (292, 18902), (293, 18917),

Gene: Buttons_25 Start: 16845, Stop: 19313, Start Num: 5

Candidate Starts for Buttons_25:

(Start: 5 @16845 has 150 MA's), (9, 16884), (16, 16947), (20, 16977), (22, 16998), (26, 17019), (27, 17031), (30, 17049), (42, 17139), (77, 17334), (80, 17367), (86, 17433), (108, 17688), (110, 17709), (116, 17736), (121, 17775), (130, 17832), (139, 17862), (145, 17895), (150, 17931), (162, 18024), (169, 18045), (182, 18102), (193, 18222), (199, 18258), (203, 18288), (211, 18324), (215, 18390), (217, 18411), (223, 18453), (235, 18552), (248, 18693), (251, 18714), (269, 18945), (272, 19026), (282, 19137), (289, 19224), (292, 19263), (293, 19278),

Gene: Bxb1_22 Start: 16432, Stop: 18903, Start Num: 5

Candidate Starts for Bxb1_22:

(Start: 5 @16432 has 150 MA's), (9, 16471), (16, 16534), (20, 16564), (22, 16585), (26, 16606), (27, 16618), (30, 16636), (37, 16681), (42, 16726), (77, 16924), (80, 16957), (86, 17023), (108, 17278), (110, 17299), (116, 17326), (145, 17485), (150, 17521), (162, 17614), (169, 17635), (182, 17692), (193, 17812), (199, 17848), (203, 17878), (211, 17914), (215, 17980), (217, 18001), (235, 18142), (248, 18283), (251, 18304), (263, 18439), (272, 18616), (282, 18727), (287, 18793), (289, 18814), (292, 18853), (293, 18868),

Gene: CactusRose_23 Start: 16092, Stop: 18752, Start Num: 5

Candidate Starts for CactusRose_23:

(Start: 5 @16092 has 150 MA's), (9, 16131), (16, 16194), (17, 16200), (20, 16224), (25, 16266), (77, 16575), (83, 16638), (88, 16683), (92, 16707), (96, 16782), (97, 16794), (128, 17115), (165, 17445), (174, 17496), (180, 17523), (202, 17727), (216, 17841), (217, 17850), (220, 17871), (224, 17892), (235, 17991), (237, 18033), (238, 18036), (245, 18111), (252, 18165), (259, 18249), (265, 18294), (282, 18576), (289, 18663), (292, 18702), (293, 18717),

Gene: Caelakin_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Caelakin_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Camperdownii_24 Start: 15504, Stop: 18104, Start Num: 2

Candidate Starts for Camperdownii_24:

(Start: 2 @15504 has 121 MA's), (Start: 4 @15645 has 22 MA's), (Start: 5 @15663 has 150 MA's), (24, 15819), (33, 15870), (38, 15909), (40, 15939), (67, 16083), (77, 16146), (83, 16209), (88, 16254), (93, 16296), (98, 16380), (133, 16647), (143, 16698), (150, 16743), (159, 16821), (166, 16854), (168, 16860), (186, 16974), (192, 17028), (198, 17073), (209, 17133), (213, 17193), (229, 17307), (242, 17472), (243, 17490), (258, 17616), (274, 17868), (275, 17871), (276, 17880), (282, 17940), (291, 18036), (294, 18084),

Gene: Carlyle_26 Start: 17233, Stop: 19632, Start Num: 5

Candidate Starts for Carlyle_26:

(Start: 5 @17233 has 150 MA's), (9, 17272), (16, 17335), (20, 17365), (22, 17386), (26, 17407), (27, 17419), (30, 17437), (42, 17527), (77, 17725), (80, 17758), (86, 17824), (108, 18079), (110, 18100), (116, 18127), (121, 18166), (130, 18223), (139, 18253), (162, 18415), (195, 18568), (196, 18580), (199, 18595), (214, 18712), (221, 18757), (224, 18778), (225, 18781), (239, 18931), (242, 18946), (248, 19012), (253, 19054), (269, 19264), (272, 19345), (282, 19456), (289, 19543), (292, 19582), (293, 19597),

Gene: CentreCat_25 Start: 15886, Stop: 18486, Start Num: 2

Candidate Starts for CentreCat_25:

(Start: 2 @15886 has 121 MA's), (Start: 4 @16027 has 22 MA's), (Start: 5 @16045 has 150 MA's), (33, 16252), (38, 16291), (40, 16321), (62, 16438), (67, 16465), (77, 16528), (83, 16591), (88, 16636), (93, 16678), (98, 16762), (133, 17029), (143, 17080), (150, 17125), (159, 17203), (168, 17242), (172, 17263), (192, 17410), (195, 17431), (198, 17455), (209, 17515), (210, 17521), (211, 17524), (213, 17575), (219, 17623), (229, 17689), (242, 17854), (243, 17872), (258, 17998), (274, 18250), (275, 18253), (276, 18262), (282, 18322), (291, 18418), (294, 18466),

Gene: Cerulean_26 Start: 16197, Stop: 18797, Start Num: 2

Candidate Starts for Cerulean_26:

(Start: 2 @16197 has 121 MA's), (Start: 4 @16338 has 22 MA's), (Start: 5 @16356 has 150 MA's), (24, 16512), (33, 16563), (40, 16632), (62, 16749), (67, 16776), (77, 16839), (83, 16902), (88, 16947), (93, 16989), (98, 17073), (121, 17280), (133, 17340), (143, 17391), (150, 17436), (159, 17514), (166, 17547), (168, 17553), (192, 17721), (195, 17742), (198, 17766), (209, 17826), (210, 17832), (211, 17835), (213, 17886), (219, 17934), (229, 18000), (242, 18165), (243, 18183), (258, 18309), (274, 18561), (275, 18564), (276, 18573), (281, 18630), (282, 18633), (285, 18678), (291, 18729), (294, 18777),

Gene: ChampagnePapi_26 Start: 16196, Stop: 18796, Start Num: 2

Candidate Starts for ChampagnePapi_26:

(Start: 2 @16196 has 121 MA's), (Start: 4 @16337 has 22 MA's), (Start: 5 @16355 has 150 MA's), (24, 16511), (33, 16562), (40, 16631), (62, 16748), (67, 16775), (77, 16838), (83, 16901), (88, 16946), (93, 16988), (98, 17072), (121, 17279), (133, 17339), (143, 17390), (150, 17435), (159, 17513), (166, 17546), (168, 17552), (192, 17720), (195, 17741), (198, 17765), (209, 17825), (210, 17831), (211, 17834), (213, 17885), (219, 17933), (229, 17999), (242, 18164), (243, 18182), (258, 18308), (274, 18560), (275, 18563), (276, 18572), (281, 18629), (282, 18632), (285, 18677), (291, 18728), (294, 18776),

Gene: Chaph_25 Start: 15894, Stop: 18494, Start Num: 2

Candidate Starts for Chaph_25:

(Start: 2 @15894 has 121 MA's), (Start: 4 @16035 has 22 MA's), (Start: 5 @16053 has 150 MA's), (33, 16260), (38, 16299), (40, 16329), (62, 16446), (67, 16473), (77, 16536), (83, 16599), (88, 16644), (93, 16686), (98, 16770), (133, 17037), (143, 17088), (150, 17133), (159, 17211), (166, 17244), (168, 17250), (172, 17271), (192, 17418), (195, 17439), (198, 17463), (210, 17529), (213, 17583), (219, 17631), (229, 17697), (242, 17862), (243, 17880), (258, 18006), (274, 18258), (275, 18261), (276, 18270), (282, 18330), (291, 18426), (294, 18474),

Gene: Chupacabra_25 Start: 15864, Stop: 18416, Start Num: 5

Candidate Starts for Chupacabra_25:

(1, 15456), (Start: 2 @15687 has 121 MA's), (Start: 5 @15864 has 150 MA's), (7, 15885), (10, 15909), (13, 15939), (14, 15942), (15, 15951), (21, 15990), (23, 16005), (27, 16029), (41, 16137), (45, 16149), (46, 16158), (56, 16212), (64, 16266), (66, 16275), (69, 16299), (73, 16320), (84, 16425), (86, 16467), (111, 16779), (146, 16989), (158, 17109), (166, 17154), (167, 17157), (168, 17160), (172, 17181), (173, 17184), (181, 17229), (192, 17337), (195, 17358), (204, 17418), (211, 17451), (214, 17514), (226, 17592), (229, 17616), (235, 17691), (239, 17757), (242, 17781), (243, 17799), (246, 17835), (252, 17865), (256, 17907), (257, 17919), (258, 17931), (261, 17967), (262, 17979), (276, 18192), (277, 18204), (279, 18228), (282, 18252), (291, 18348), (294, 18396),

Gene: Ciao_24 Start: 16311, Stop: 18782, Start Num: 5

Candidate Starts for Ciao_24:

(Start: 5 @16311 has 150 MA's), (9, 16350), (16, 16413), (20, 16443), (22, 16464), (26, 16485), (27, 16497), (30, 16515), (42, 16605), (77, 16803), (80, 16836), (86, 16902), (108, 17157), (110, 17178), (116, 17205), (145, 17364), (150, 17400), (162, 17493), (169, 17514), (182, 17571), (193, 17691), (199, 17727), (203, 17757), (211, 17793), (215, 17859), (217, 17880), (235, 18021), (248, 18162), (251, 18183), (263, 18318), (272, 18495), (282, 18606), (287, 18672), (289, 18693), (292, 18732), (293, 18747),

Gene: Cici_25 Start: 15876, Stop: 18476, Start Num: 2

Candidate Starts for Cici_25:

(Start: 2 @15876 has 121 MA's), (28, 16218), (36, 16266), (43, 16323), (62, 16428), (64, 16443), (67, 16455), (77, 16518), (88, 16626), (90, 16647), (93, 16668), (133, 17019), (143, 17070), (150, 17115), (166, 17226), (168, 17232), (192, 17400), (199, 17448), (209, 17505), (213, 17565), (219, 17613), (224, 17646), (229, 17679), (230, 17697), (242, 17844), (243, 17862), (258, 17988), (267, 18078), (271, 18177), (275, 18243), (276, 18252), (282, 18312), (283, 18321), (285, 18357), (288, 18375), (291, 18408), (294, 18456),

Gene: Cindaradix_24 Start: 15793, Stop: 18210, Start Num: 8

Candidate Starts for Cindaradix_24:

(Start: 2 @15610 has 121 MA's), (Start: 8 @15793 has 1 MA's), (28, 15952), (34, 15979), (36, 16000), (52, 16105), (62, 16162), (77, 16252), (88, 16360), (95, 16444), (139, 16780), (143, 16804), (150, 16849), (183, 17062), (187, 17098), (192, 17134), (198, 17179), (213, 17299), (229, 17413), (242, 17578), (243, 17596), (258, 17722), (271, 17911), (275, 17977), (276, 17986), (282, 18046), (283, 18055), (285, 18091), (288, 18109), (291, 18142), (294, 18190),

Gene: Cintron_25 Start: 16074, Stop: 18533, Start Num: 4

Candidate Starts for Cintron_25:

(Start: 2 @15933 has 121 MA's), (Start: 4 @16074 has 22 MA's), (24, 16248), (33, 16299), (38, 16338), (40, 16368), (62, 16485), (67, 16512), (77, 16575), (83, 16638), (88, 16683), (93, 16725), (133, 17076), (143, 17127), (150, 17172), (168, 17289), (192, 17457), (195, 17478), (198, 17502), (209, 17562), (210, 17568), (211, 17571), (213, 17622), (219, 17670), (229, 17736), (242, 17901), (243, 17919),

(258, 18045), (274, 18297), (275, 18300), (276, 18309), (281, 18366), (282, 18369), (285, 18414), (291, 18465), (294, 18513),

Gene: Citius_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Citius_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Clarenza_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Clarenza_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (210, 17517), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Cocoaberry_25 Start: 15889, Stop: 18489, Start Num: 2

Candidate Starts for Cocoaberry_25:

(Start: 2 @15889 has 121 MA's), (Start: 4 @16030 has 22 MA's), (Start: 5 @16048 has 150 MA's), (33, 16255), (38, 16294), (40, 16324), (62, 16441), (67, 16468), (77, 16531), (83, 16594), (88, 16639), (93, 16681), (98, 16765), (133, 17032), (143, 17083), (150, 17128), (159, 17206), (166, 17239), (168, 17245), (172, 17266), (192, 17413), (195, 17434), (198, 17458), (210, 17524), (213, 17578), (219, 17626), (229, 17692), (242, 17857), (243, 17875), (258, 18001), (274, 18253), (275, 18256), (276, 18265), (282, 18325), (291, 18421), (294, 18469),

Gene: Commander_25 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Commander_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Connomayer_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Connomayer_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (186, 17355), (192, 17409), (198, 17454), (209, 17514), (212, 17532), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Corvo_24 Start: 16803, Stop: 19274, Start Num: 5

Candidate Starts for Corvo_24:

(Start: 5 @16803 has 150 MA's), (9, 16842), (16, 16905), (20, 16935), (22, 16956), (26, 16977), (27, 16989), (30, 17007), (42, 17097), (77, 17295), (80, 17328), (86, 17394), (108, 17649), (110, 17670), (116, 17697), (145, 17856), (150, 17892), (162, 17985), (169, 18006), (182, 18063), (193, 18183),

(199, 18219), (203, 18249), (211, 18285), (215, 18351), (217, 18372), (235, 18513), (248, 18654), (251, 18675), (263, 18810), (272, 18987), (282, 19098), (289, 19185), (292, 19224),

Gene: Datway_25 Start: 15891, Stop: 18491, Start Num: 2

Candidate Starts for Datway_25:

(Start: 2 @15891 has 121 MA's), (36, 16281), (58, 16410), (62, 16443), (67, 16470), (77, 16533), (88, 16641), (99, 16776), (121, 16974), (139, 17061), (143, 17085), (150, 17130), (166, 17241), (168, 17247), (192, 17415), (199, 17463), (209, 17520), (213, 17580), (219, 17628), (224, 17661), (229, 17694), (230, 17712), (242, 17859), (243, 17877), (258, 18003), (267, 18093), (271, 18192), (275, 18258), (276, 18267), (282, 18327), (283, 18336), (285, 18372), (288, 18390), (291, 18423), (294, 18471),

Gene: Deano_25 Start: 15893, Stop: 18493, Start Num: 2

Candidate Starts for Deano_25:

(Start: 2 @15893 has 121 MA's), (Start: 4 @16034 has 22 MA's), (Start: 5 @16052 has 150 MA's), (33, 16259), (38, 16298), (40, 16328), (62, 16445), (67, 16472), (77, 16535), (83, 16598), (88, 16643), (93, 16685), (98, 16769), (133, 17036), (143, 17087), (150, 17132), (159, 17210), (166, 17243), (168, 17249), (192, 17417), (195, 17438), (198, 17462), (210, 17528), (213, 17582), (219, 17630), (229, 17696), (242, 17861), (243, 17879), (258, 18005), (274, 18257), (275, 18260), (276, 18269), (282, 18329), (291, 18425), (294, 18473),

Gene: Dexes_25 Start: 17027, Stop: 19498, Start Num: 5

Candidate Starts for Dexes_25:

(Start: 5 @17027 has 150 MA's), (9, 17066), (16, 17129), (20, 17159), (22, 17180), (26, 17201), (27, 17213), (30, 17231), (37, 17276), (42, 17321), (77, 17519), (80, 17552), (86, 17618), (108, 17873), (110, 17894), (116, 17921), (145, 18080), (150, 18116), (162, 18209), (169, 18230), (171, 18245), (176, 18266), (177, 18269), (186, 18338), (190, 18374), (193, 18407), (199, 18443), (203, 18473), (211, 18509), (215, 18575), (217, 18596), (235, 18737), (248, 18878), (251, 18899), (263, 19034), (272, 19211), (282, 19322), (289, 19409), (292, 19448), (294, 19478),

Gene: Dhanush_25 Start: 15888, Stop: 18488, Start Num: 2

Candidate Starts for Dhanush_25:

(Start: 2 @15888 has 121 MA's), (Start: 4 @16029 has 22 MA's), (Start: 5 @16047 has 150 MA's), (33, 16254), (38, 16293), (40, 16323), (62, 16440), (67, 16467), (77, 16530), (83, 16593), (88, 16638), (93, 16680), (98, 16764), (133, 17031), (143, 17082), (150, 17127), (159, 17205), (168, 17244), (183, 17340), (184, 17349), (192, 17412), (195, 17433), (210, 17523), (213, 17577), (219, 17625), (229, 17691), (242, 17856), (243, 17874), (258, 18000), (274, 18252), (275, 18255), (276, 18264), (282, 18324), (291, 18420), (294, 18468),

Gene: DirtyDunning_25 Start: 15881, Stop: 18481, Start Num: 2

Candidate Starts for DirtyDunning_25:

(Start: 2 @15881 has 121 MA's), (Start: 4 @16022 has 22 MA's), (Start: 5 @16040 has 150 MA's), (33, 16247), (38, 16286), (40, 16316), (67, 16460), (77, 16523), (83, 16586), (88, 16631), (93, 16673), (98, 16757), (133, 17024), (143, 17075), (150, 17120), (159, 17198), (166, 17231), (168, 17237), (186, 17351), (192, 17405), (198, 17450), (209, 17510), (213, 17570), (229, 17684), (242, 17849), (243, 17867), (258, 17993), (274, 18245), (275, 18248), (276, 18257), (282, 18317), (291, 18413), (294, 18461),

Gene: DontArgue_24 Start: 14083, Stop: 16779, Start Num: 3

Candidate Starts for DontArgue_24:

(1, 13720), (Start: 2 @13951 has 121 MA's), (3, 14083), (Start: 5 @14128 has 150 MA's), (14, 14206), (27, 14305), (41, 14413), (45, 14425), (49, 14452), (50, 14455), (56, 14488), (59, 14509), (68, 14566), (73, 14596), (74, 14611), (75, 14617), (79, 14638), (82, 14680), (86, 14743), (101, 14914), (104,

14965), (106, 15007), (109, 15061), (125, 15184), (132, 15238), (146, 15349), (147, 15364), (158, 15469), (164, 15505), (168, 15520), (172, 15541), (173, 15544), (181, 15589), (191, 15688), (192, 15697), (195, 15718), (196, 15730), (204, 15778), (210, 15808), (214, 15874), (228, 15973), (229, 15976), (235, 16051), (239, 16117), (242, 16141), (243, 16159), (250, 16210), (252, 16234), (257, 16288), (258, 16300), (261, 16330), (266, 16369), (280, 16600), (282, 16615), (290, 16693), (291, 16711), (294, 16759),

Gene: DrFeelGood_23 Start: 16492, Stop: 19152, Start Num: 5

Candidate Starts for DrFeelGood_23:

(Start: 5 @16492 has 150 MA's), (9, 16531), (16, 16594), (20, 16624), (25, 16666), (77, 16975), (83, 17038), (88, 17083), (92, 17107), (96, 17182), (97, 17194), (128, 17515), (165, 17845), (174, 17896), (180, 17923), (202, 18127), (216, 18241), (217, 18250), (220, 18271), (224, 18292), (235, 18391), (237, 18433), (238, 18436), (252, 18565), (259, 18649), (265, 18694), (282, 18976), (289, 19063), (292, 19102), (293, 19117),

Gene: Drake94_24 Start: 13780, Stop: 16512, Start Num: 2

Candidate Starts for Drake94_24:

(Start: 2 @13780 has 121 MA's), (Start: 5 @13957 has 150 MA's), (13, 14032), (15, 14044), (39, 14206), (41, 14227), (45, 14239), (50, 14269), (56, 14302), (63, 14347), (66, 14365), (68, 14380), (69, 14389), (73, 14410), (84, 14515), (86, 14557), (100, 14722), (114, 14884), (117, 14911), (146, 15088), (153, 15133), (158, 15208), (167, 15256), (168, 15259), (172, 15280), (173, 15283), (181, 15328), (188, 15403), (189, 15406), (191, 15427), (194, 15451), (204, 15517), (210, 15547), (212, 15559), (218, 15646), (221, 15661), (229, 15715), (235, 15790), (240, 15868), (242, 15880), (243, 15898), (247, 15937), (251, 15949), (252, 15961), (256, 16003), (257, 16015), (258, 16027), (259, 16042), (261, 16063), (262, 16075), (276, 16288), (282, 16348), (285, 16393), (291, 16444), (294, 16492),

Gene: DreamCatcher_27 Start: 17777, Stop: 20245, Start Num: 5

Candidate Starts for DreamCatcher_27:

(Start: 5 @17777 has 150 MA's), (6, 17792), (20, 17906), (22, 17927), (26, 17948), (30, 17978), (35, 18002), (37, 18023), (42, 18068), (77, 18266), (80, 18299), (86, 18365), (108, 18620), (110, 18641), (116, 18668), (145, 18827), (150, 18863), (162, 18956), (169, 18977), (171, 18992), (176, 19013), (177, 19016), (186, 19085), (190, 19121), (193, 19154), (199, 19190), (203, 19220), (211, 19256), (215, 19322), (217, 19343), (223, 19385), (235, 19484), (248, 19625), (251, 19646), (263, 19781), (272, 19958), (282, 20069), (289, 20156), (292, 20195), (294, 20225),

Gene: Dreamboat_25 Start: 16304, Stop: 18775, Start Num: 5

Candidate Starts for Dreamboat_25:

(Start: 5 @16304 has 150 MA's), (9, 16343), (16, 16406), (20, 16436), (22, 16457), (26, 16478), (30, 16508), (35, 16532), (42, 16598), (77, 16796), (80, 16829), (86, 16895), (108, 17150), (110, 17171), (116, 17198), (145, 17357), (150, 17393), (162, 17486), (169, 17507), (182, 17564), (193, 17684), (199, 17720), (203, 17750), (211, 17786), (215, 17852), (217, 17873), (235, 18014), (248, 18155), (251, 18176), (269, 18407), (272, 18488), (282, 18599), (289, 18686), (292, 18725), (294, 18755),

Gene: Druantia_25 Start: 15886, Stop: 18486, Start Num: 2

Candidate Starts for Druantia_25:

(Start: 2 @15886 has 121 MA's), (Start: 4 @16027 has 22 MA's), (Start: 5 @16045 has 150 MA's), (33, 16252), (38, 16291), (40, 16321), (62, 16438), (67, 16465), (77, 16528), (83, 16591), (88, 16636), (93, 16678), (98, 16762), (133, 17029), (143, 17080), (150, 17125), (159, 17203), (168, 17242), (172, 17263), (192, 17410), (195, 17431), (198, 17455), (209, 17515), (210, 17521), (211, 17524), (213, 17575), (219, 17623), (229, 17689), (242, 17854), (243, 17872), (258, 17998), (274, 18250), (275, 18253), (276, 18262), (282, 18322), (291, 18418), (294, 18466),

Gene: Dulcie_23 Start: 16001, Stop: 18472, Start Num: 5

Candidate Starts for Dulcie_23:

(Start: 5 @16001 has 150 MA's), (9, 16040), (16, 16103), (20, 16133), (22, 16154), (26, 16175), (27, 16187), (30, 16205), (42, 16295), (50, 16331), (77, 16493), (80, 16526), (86, 16592), (108, 16847), (110, 16868), (116, 16895), (145, 17054), (150, 17090), (162, 17183), (169, 17204), (182, 17261), (193, 17381), (199, 17417), (203, 17447), (211, 17483), (215, 17549), (217, 17570), (235, 17711), (248, 17852), (251, 17873), (263, 18008), (272, 18185), (282, 18296), (287, 18362), (289, 18383), (292, 18422), (293, 18437),

Gene: Dussy_25 Start: 16660, Stop: 19059, Start Num: 5

Candidate Starts for Dussy_25:

(Start: 5 @16660 has 150 MA's), (9, 16699), (16, 16762), (20, 16792), (22, 16813), (26, 16834), (27, 16846), (30, 16864), (37, 16909), (42, 16954), (77, 17152), (80, 17185), (86, 17251), (108, 17506), (110, 17527), (116, 17554), (121, 17593), (130, 17650), (139, 17680), (162, 17842), (195, 17995), (196, 18007), (199, 18022), (214, 18139), (221, 18184), (224, 18205), (225, 18208), (239, 18358), (242, 18373), (248, 18439), (253, 18481), (269, 18691), (272, 18772), (282, 18883), (289, 18970), (292, 19009), (293, 19024),

Gene: DustyMartin_29 Start: 15937, Stop: 18492, Start Num: 5

Candidate Starts for DustyMartin_29:

(Start: 2 @15760 has 121 MA's), (Start: 5 @15937 has 150 MA's), (7, 15958), (14, 16015), (28, 16111), (29, 16120), (45, 16225), (49, 16252), (56, 16288), (68, 16366), (69, 16375), (73, 16396), (77, 16423), (84, 16501), (86, 16543), (100, 16708), (112, 16858), (114, 16870), (146, 17065), (158, 17185), (166, 17230), (167, 17233), (168, 17236), (172, 17257), (173, 17260), (181, 17305), (183, 17341), (186, 17359), (188, 17380), (192, 17413), (211, 17527), (214, 17590), (226, 17668), (229, 17692), (235, 17767), (239, 17833), (242, 17857), (243, 17875), (255, 17971), (257, 17995), (258, 18007), (259, 18022), (261, 18043), (262, 18055), (276, 18268), (279, 18304), (281, 18325), (282, 18328), (291, 18424), (294, 18472),

Gene: Eagle_24 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Eagle_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (58, 16404), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (183, 17337), (184, 17346), (192, 17409), (195, 17430), (199, 17457), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Eaglepride_26 Start: 15877, Stop: 18447, Start Num: 5

Candidate Starts for Eaglepride_26:

(Start: 2 @15700 has 121 MA's), (Start: 5 @15877 has 150 MA's), (14, 15955), (23, 16030), (27, 16054), (29, 16069), (39, 16141), (45, 16174), (46, 16183), (51, 16216), (56, 16237), (64, 16291), (66, 16300), (68, 16315), (69, 16324), (73, 16345), (81, 16426), (84, 16450), (103, 16690), (117, 16849), (118, 16852), (153, 17068), (158, 17143), (167, 17191), (168, 17194), (172, 17215), (173, 17218), (183, 17299), (184, 17308), (188, 17338), (194, 17386), (195, 17392), (211, 17485), (220, 17593), (226, 17626), (227, 17638), (229, 17650), (230, 17668), (235, 17725), (239, 17791), (242, 17815), (243, 17833), (244, 17854), (247, 17872), (253, 17905), (255, 17926), (258, 17962), (261, 17998), (262, 18010), (276, 18223), (282, 18283), (291, 18379), (294, 18427),

Gene: Eapen_25 Start: 16025, Stop: 18484, Start Num: 4

Candidate Starts for Eapen_25:

(Start: 2 @15884 has 121 MA's), (Start: 4 @16025 has 22 MA's), (Start: 5 @16043 has 150 MA's), (33, 16250), (38, 16289), (40, 16319), (62, 16436), (67, 16463), (77, 16526), (83, 16589), (88, 16634), (93, 16676), (98, 16760), (133, 17027), (143, 17078), (150, 17123), (159, 17201), (168, 17240), (192,

17408), (195, 17429), (198, 17453), (210, 17519), (213, 17573), (219, 17621), (229, 17687), (242, 17852), (243, 17870), (258, 17996), (274, 18248), (275, 18251), (276, 18260), (282, 18320), (291, 18416), (294, 18464),

Gene: Edison31_25 Start: 15727, Stop: 18456, Start Num: 2

Candidate Starts for Edison31_25:

(Start: 2 @15727 has 121 MA's), (Start: 5 @15904 has 150 MA's), (7, 15925), (10, 15949), (13, 15979), (14, 15982), (15, 15991), (21, 16030), (23, 16045), (27, 16069), (35, 16114), (39, 16156), (45, 16189), (46, 16198), (56, 16252), (64, 16306), (66, 16315), (69, 16339), (73, 16360), (84, 16465), (86, 16507), (146, 17029), (158, 17149), (166, 17194), (167, 17197), (168, 17200), (173, 17224), (181, 17269), (183, 17305), (188, 17344), (192, 17377), (211, 17491), (226, 17632), (229, 17656), (235, 17731), (239, 17797), (242, 17821), (243, 17839), (252, 17905), (257, 17959), (258, 17971), (259, 17986), (261, 18007), (262, 18019), (276, 18232), (279, 18268), (281, 18289), (282, 18292), (291, 18388), (294, 18436),

Gene: Edtherson_25 Start: 17152, Stop: 19623, Start Num: 5

Candidate Starts for Edtherson_25:

(Start: 5 @17152 has 150 MA's), (9, 17191), (16, 17254), (20, 17284), (22, 17305), (26, 17326), (27, 17338), (30, 17356), (42, 17446), (77, 17644), (80, 17677), (86, 17743), (108, 17998), (110, 18019), (116, 18046), (121, 18085), (130, 18142), (139, 18172), (145, 18205), (150, 18241), (162, 18334), (169, 18355), (182, 18412), (193, 18532), (199, 18568), (203, 18598), (211, 18634), (215, 18700), (217, 18721), (223, 18763), (235, 18862), (248, 19003), (251, 19024), (269, 19255), (272, 19336), (282, 19447), (289, 19534), (292, 19573), (294, 19603),

Gene: EnzoK_24 Start: 16577, Stop: 19048, Start Num: 5

Candidate Starts for EnzoK_24:

(Start: 5 @16577 has 150 MA's), (9, 16616), (16, 16679), (20, 16709), (22, 16730), (26, 16751), (27, 16763), (30, 16781), (42, 16871), (77, 17069), (80, 17102), (86, 17168), (108, 17423), (110, 17444), (116, 17471), (121, 17510), (130, 17567), (139, 17597), (145, 17630), (150, 17666), (162, 17759), (169, 17780), (182, 17837), (193, 17957), (199, 17993), (203, 18023), (211, 18059), (215, 18125), (217, 18146), (223, 18188), (235, 18287), (248, 18428), (251, 18449), (269, 18680), (272, 18761), (282, 18872), (289, 18959), (292, 18998), (293, 19013),

Gene: Eris_24 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Eris_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Eros_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Eros_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Espresso_24 Start: 16449, Stop: 18920, Start Num: 5

Candidate Starts for Espresso_24:

(Start: 5 @16449 has 150 MA's), (9, 16488), (16, 16551), (20, 16581), (22, 16602), (26, 16623), (30, 16653), (35, 16677), (42, 16743), (77, 16941), (80, 16974), (86, 17040), (108, 17295), (110, 17316), (116, 17343), (145, 17502), (150, 17538), (162, 17631), (169, 17652), (171, 17667), (176, 17688), (177, 17691), (186, 17760), (190, 17796), (193, 17829), (199, 17865), (203, 17895), (211, 17931), (215, 17997), (217, 18018), (235, 18159), (248, 18300), (251, 18321), (263, 18456), (272, 18633), (282, 18744), (287, 18810), (289, 18831), (292, 18870), (293, 18885),

Gene: Euphoria_24 Start: 16340, Stop: 18808, Start Num: 5

Candidate Starts for Euphoria_24:

(Start: 5 @16340 has 150 MA's), (6, 16355), (20, 16469), (22, 16490), (26, 16511), (30, 16541), (35, 16565), (42, 16631), (77, 16829), (80, 16862), (86, 16928), (108, 17183), (110, 17204), (116, 17231), (145, 17390), (150, 17426), (162, 17519), (169, 17540), (171, 17555), (176, 17576), (177, 17579), (186, 17648), (190, 17684), (193, 17717), (199, 17753), (203, 17783), (211, 17819), (215, 17885), (217, 17906), (235, 18047), (248, 18188), (251, 18209), (263, 18344), (272, 18521), (282, 18632), (287, 18698), (289, 18719), (292, 18758), (293, 18773),

Gene: Eurydice_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Eurydice_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (121, 16965), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Fajezeel_26 Start: 16674, Stop: 19145, Start Num: 5

Candidate Starts for Fajezeel_26:

(Start: 5 @16674 has 150 MA's), (9, 16713), (16, 16776), (20, 16806), (22, 16827), (26, 16848), (27, 16860), (30, 16878), (35, 16902), (57, 17040), (62, 17076), (77, 17166), (80, 17199), (86, 17265), (108, 17520), (110, 17541), (116, 17568), (117, 17583), (130, 17664), (145, 17727), (150, 17763), (162, 17856), (169, 17877), (171, 17892), (176, 17913), (177, 17916), (186, 17985), (190, 18021), (193, 18054), (199, 18090), (203, 18120), (211, 18156), (215, 18222), (217, 18243), (235, 18384), (248, 18525), (251, 18546), (263, 18681), (272, 18858), (282, 18969), (287, 19035), (289, 19056), (292, 19095), (293, 19110),

Gene: Fascinus_23 Start: 16097, Stop: 18676, Start Num: 5

Candidate Starts for Fascinus_23:

(Start: 5 @16097 has 150 MA's), (9, 16136), (16, 16199), (20, 16229), (53, 16448), (60, 16484), (83, 16652), (88, 16697), (91, 16721), (93, 16739), (126, 17051), (144, 17207), (154, 17309), (157, 17342), (172, 17414), (182, 17453), (190, 17540), (203, 17639), (215, 17741), (217, 17762), (219, 17774), (223, 17804), (235, 17903), (239, 17966), (249, 18056), (260, 18185), (264, 18218), (282, 18500), (289, 18587), (292, 18626), (293, 18641),

Gene: Fenn_25 Start: 17895, Stop: 20510, Start Num: 5

Candidate Starts for Fenn_25:

(Start: 5 @17895 has 150 MA's), (9, 17934), (16, 17997), (17, 18003), (20, 18027), (37, 18135), (67, 18306), (76, 18366), (77, 18369), (89, 18492), (93, 18522), (96, 18585), (117, 18804), (124, 18876), (131, 18924), (138, 18969), (163, 19194), (165, 19203), (173, 19239), (180, 19281), (202, 19485), (216, 19599), (217, 19608), (220, 19629), (224, 19650), (235, 19749), (237, 19791), (238, 19794), (252, 19923), (259, 20007), (265, 20052), (282, 20334), (287, 20400), (289, 20421), (292, 20460), (293, 20475),

Gene: Florean_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Florean_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (172, 17259), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Flux_25 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Flux_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Forsytheast_23 Start: 16363, Stop: 18834, Start Num: 5

Candidate Starts for Forsytheast_23:

(Start: 5 @16363 has 150 MA's), (9, 16402), (16, 16465), (20, 16495), (22, 16516), (26, 16537), (27, 16549), (30, 16567), (42, 16657), (77, 16855), (80, 16888), (86, 16954), (108, 17209), (110, 17230), (116, 17257), (145, 17416), (150, 17452), (162, 17545), (169, 17566), (182, 17623), (193, 17743), (199, 17779), (203, 17809), (211, 17845), (215, 17911), (217, 17932), (235, 18073), (248, 18214), (251, 18235), (269, 18466), (272, 18547), (282, 18658), (284, 18700), (289, 18745), (292, 18784), (293, 18799),

Gene: Froghopper_25 Start: 16326, Stop: 18797, Start Num: 5

Candidate Starts for Froghopper_25:

(Start: 5 @16326 has 150 MA's), (9, 16365), (16, 16428), (20, 16458), (22, 16479), (26, 16500), (27, 16512), (30, 16530), (37, 16575), (42, 16620), (77, 16818), (80, 16851), (86, 16917), (108, 17172), (110, 17193), (116, 17220), (145, 17379), (150, 17415), (162, 17508), (169, 17529), (182, 17586), (193, 17706), (199, 17742), (203, 17772), (211, 17808), (215, 17874), (217, 17895), (231, 18012), (235, 18036), (248, 18177), (251, 18198), (269, 18429), (272, 18510), (282, 18621), (287, 18687), (289, 18708), (292, 18747), (293, 18762),

Gene: Funston_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Funston_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: GMonster_23 Start: 16194, Stop: 18194, Start Num: 5

Candidate Starts for GMonster_23:

(Start: 5 @16194 has 150 MA's), (9, 16233), (16, 16296), (20, 16326), (22, 16347), (33, 16407), (47, 16503), (54, 16542), (59, 16572), (61, 16584), (77, 16680), (80, 16713), (102, 16947), (139, 17172), (151, 17235), (178, 17337), (181, 17349), (189, 17427), (193, 17469), (201, 17523), (203, 17535), (207, 17550), (210, 17568), (212, 17580), (217, 17658), (222, 17688), (228, 17733), (232, 17784), (254, 17994), (268, 18144),

Gene: Gadost_25 Start: 16030, Stop: 18489, Start Num: 4

Candidate Starts for Gadost_25:

(Start: 2 @15889 has 121 MA's), (Start: 4 @16030 has 22 MA's), (Start: 5 @16048 has 150 MA's), (33, 16255), (38, 16294), (40, 16324), (62, 16441), (67, 16468), (77, 16531), (83, 16594), (88, 16639), (93, 16681), (98, 16765), (133, 17032), (143, 17083), (150, 17128), (159, 17206), (166, 17239), (168, 17245), (172, 17266), (192, 17413), (195, 17434), (198, 17458), (210, 17524), (213, 17578), (219, 17626), (229, 17692), (242, 17857), (243, 17875), (258, 18001), (274, 18253), (275, 18256), (276, 18265), (282, 18325), (291, 18421), (294, 18469),

Gene: GageAP_26 Start: 17075, Stop: 19546, Start Num: 5

Candidate Starts for GageAP_26:

(Start: 5 @17075 has 150 MA's), (9, 17114), (16, 17177), (17, 17183), (20, 17207), (22, 17228), (26, 17249), (30, 17279), (35, 17303), (42, 17369), (77, 17567), (80, 17600), (86, 17666), (108, 17921), (110, 17942), (116, 17969), (145, 18128), (150, 18164), (162, 18257), (169, 18278), (171, 18293), (176, 18314), (177, 18317), (186, 18386), (190, 18422), (193, 18455), (199, 18491), (203, 18521), (211, 18557), (215, 18623), (217, 18644), (235, 18785), (248, 18926), (251, 18947), (263, 19082), (272, 19259), (282, 19370), (284, 19412), (289, 19457), (292, 19496), (293, 19511),

Gene: Gandalf20_25 Start: 17202, Stop: 19673, Start Num: 5

Candidate Starts for Gandalf20_25:

(Start: 5 @17202 has 150 MA's), (9, 17241), (16, 17304), (20, 17334), (22, 17355), (26, 17376), (27, 17388), (30, 17406), (35, 17430), (42, 17496), (77, 17694), (80, 17727), (86, 17793), (108, 18048), (110, 18069), (116, 18096), (145, 18255), (150, 18291), (162, 18384), (169, 18405), (182, 18462), (186, 18513), (190, 18549), (193, 18582), (199, 18618), (203, 18648), (211, 18684), (215, 18750), (217, 18771), (235, 18912), (248, 19053), (251, 19074), (263, 19209), (272, 19386), (282, 19497), (287, 19563), (289, 19584), (292, 19623), (293, 19638),

Gene: Goose_25 Start: 15688, Stop: 18417, Start Num: 2

Candidate Starts for Goose_25:

(1, 15457), (Start: 2 @15688 has 121 MA's), (Start: 5 @15865 has 150 MA's), (7, 15886), (10, 15910), (11, 15916), (13, 15940), (14, 15943), (15, 15952), (21, 15991), (22, 16000), (23, 16006), (27, 16030), (35, 16075), (39, 16117), (45, 16150), (46, 16159), (56, 16213), (64, 16267), (66, 16276), (69, 16300), (73, 16321), (84, 16426), (86, 16468), (112, 16783), (114, 16795), (117, 16822), (146, 16990), (158, 17110), (166, 17155), (167, 17158), (168, 17161), (172, 17182), (173, 17185), (181, 17230), (192, 17338), (195, 17359), (204, 17419), (211, 17452), (214, 17515), (226, 17593), (229, 17617), (235, 17692), (239, 17758), (242, 17782), (243, 17800), (246, 17836), (252, 17866), (256, 17908), (257, 17920), (258, 17932), (261, 17968), (262, 17980), (276, 18193), (277, 18205), (279, 18229), (282, 18253), (291, 18349), (294, 18397),

Gene: Graduation_26 Start: 17109, Stop: 19577, Start Num: 5

Candidate Starts for Graduation_26:

(Start: 5 @17109 has 150 MA's), (6, 17124), (20, 17238), (26, 17280), (30, 17310), (35, 17334), (42, 17400), (77, 17598), (80, 17631), (86, 17697), (108, 17952), (110, 17973), (116, 18000), (145, 18159), (150, 18195), (162, 18288), (169, 18309), (171, 18324), (176, 18345), (177, 18348), (186, 18417), (190, 18453), (193, 18486), (199, 18522), (203, 18552), (211, 18588), (215, 18654), (217, 18675), (235, 18816), (248, 18957), (251, 18978), (263, 19113), (272, 19290), (282, 19401), (287, 19467), (289, 19488), (292, 19527), (293, 19542),

Gene: GrecoEtereo_25 Start: 16652, Stop: 19120, Start Num: 5

Candidate Starts for GrecoEtereo_25:

(Start: 5 @16652 has 150 MA's), (6, 16667), (20, 16781), (26, 16823), (30, 16853), (42, 16943), (43, 16946), (77, 17141), (86, 17240), (108, 17495), (110, 17516), (116, 17543), (145, 17702), (150, 17738), (162, 17831), (169, 17852), (182, 17909), (193, 18029), (199, 18065), (203, 18095), (211, 18131), (215, 18197), (217, 18218), (235, 18359), (248, 18500), (251, 18521), (263, 18656), (272,

18833), (282, 18944), (284, 18986), (289, 19031), (292, 19070),

Gene: Greg_26 Start: 16674, Stop: 19145, Start Num: 5

Candidate Starts for Greg_26:

(Start: 5 @16674 has 150 MA's), (9, 16713), (16, 16776), (20, 16806), (22, 16827), (26, 16848), (27, 16860), (30, 16878), (35, 16902), (57, 17040), (62, 17076), (77, 17166), (80, 17199), (86, 17265), (108, 17520), (110, 17541), (116, 17568), (117, 17583), (130, 17664), (145, 17727), (150, 17763), (162, 17856), (169, 17877), (171, 17892), (176, 17913), (177, 17916), (186, 17985), (190, 18021), (193, 18054), (199, 18090), (203, 18120), (211, 18156), (215, 18222), (217, 18243), (235, 18384), (248, 18525), (251, 18546), (263, 18681), (272, 18858), (282, 18969), (287, 19035), (289, 19056), (292, 19095), (293, 19110),

Gene: Gyzlar_26 Start: 17600, Stop: 20071, Start Num: 5

Candidate Starts for Gyzlar_26:

(Start: 5 @17600 has 150 MA's), (9, 17639), (16, 17702), (20, 17732), (22, 17753), (26, 17774), (27, 17786), (30, 17804), (35, 17828), (42, 17894), (48, 17921), (77, 18092), (80, 18125), (86, 18191), (108, 18446), (110, 18467), (116, 18494), (121, 18533), (130, 18590), (139, 18620), (162, 18782), (169, 18803), (182, 18860), (193, 18980), (199, 19016), (203, 19046), (211, 19082), (215, 19148), (217, 19169), (223, 19211), (235, 19310), (248, 19451), (251, 19472), (269, 19703), (272, 19784), (282, 19895), (289, 19982), (292, 20021), (294, 20051),

Gene: HamSlice_24 Start: 15883, Stop: 18483, Start Num: 2

Candidate Starts for HamSlice_24:

(Start: 2 @15883 has 121 MA's), (Start: 4 @16024 has 22 MA's), (Start: 5 @16042 has 150 MA's), (33, 16249), (38, 16288), (40, 16318), (58, 16402), (62, 16435), (67, 16462), (77, 16525), (83, 16588), (88, 16633), (93, 16675), (98, 16759), (133, 17026), (143, 17077), (150, 17122), (159, 17200), (168, 17239), (192, 17407), (195, 17428), (198, 17452), (210, 17518), (213, 17572), (219, 17620), (229, 17686), (242, 17851), (243, 17869), (258, 17995), (274, 18247), (275, 18250), (276, 18259), (282, 18319), (291, 18415), (294, 18463),

Gene: Hami1_26 Start: 16746, Stop: 19217, Start Num: 5

Candidate Starts for Hami1_26:

(Start: 5 @16746 has 150 MA's), (9, 16785), (16, 16848), (20, 16878), (22, 16899), (26, 16920), (27, 16932), (30, 16950), (42, 17040), (77, 17238), (80, 17271), (86, 17337), (108, 17592), (110, 17613), (116, 17640), (145, 17799), (150, 17835), (162, 17928), (169, 17949), (182, 18006), (193, 18126), (199, 18162), (203, 18192), (211, 18228), (215, 18294), (217, 18315), (235, 18456), (248, 18597), (251, 18618), (263, 18753), (272, 18930), (282, 19041), (289, 19128), (292, 19167), (293, 19182),

Gene: HanShotFirst_24 Start: 16280, Stop: 18751, Start Num: 5

Candidate Starts for HanShotFirst_24:

(Start: 5 @16280 has 150 MA's), (9, 16319), (16, 16382), (20, 16412), (22, 16433), (26, 16454), (27, 16466), (30, 16484), (35, 16508), (42, 16574), (57, 16646), (62, 16682), (77, 16772), (80, 16805), (86, 16871), (108, 17126), (110, 17147), (116, 17174), (117, 17189), (145, 17333), (150, 17369), (162, 17462), (169, 17483), (182, 17540), (193, 17660), (199, 17696), (203, 17726), (211, 17762), (215, 17828), (217, 17849), (235, 17990), (248, 18131), (251, 18152), (263, 18287), (272, 18464), (282, 18575), (289, 18662), (292, 18701), (293, 18716),

Gene: Happiness_25 Start: 15891, Stop: 18491, Start Num: 2

Candidate Starts for Happiness_25:

(Start: 2 @15891 has 121 MA's), (Start: 4 @16032 has 22 MA's), (Start: 5 @16050 has 150 MA's), (33, 16257), (38, 16296), (40, 16326), (62, 16443), (67, 16470), (77, 16533), (83, 16596), (88, 16641), (93, 16683), (98, 16767), (133, 17034), (143, 17085), (150, 17130), (159, 17208), (166, 17241), (168, 17247), (186, 17361), (192, 17415), (198, 17460), (209, 17520), (212, 17538), (213, 17580), (219,

17628), (229, 17694), (242, 17859), (243, 17877), (258, 18003), (274, 18255), (275, 18258), (276, 18267), (281, 18324), (282, 18327), (285, 18372), (291, 18423), (294, 18471),

Gene: Hermia_26 Start: 17387, Stop: 19858, Start Num: 5

Candidate Starts for Hermia_26:

(Start: 5 @17387 has 150 MA's), (9, 17426), (16, 17489), (20, 17519), (22, 17540), (26, 17561), (27, 17573), (30, 17591), (35, 17615), (42, 17681), (77, 17879), (80, 17912), (86, 17978), (108, 18233), (110, 18254), (116, 18281), (130, 18377), (139, 18407), (145, 18440), (150, 18476), (162, 18569), (169, 18590), (182, 18647), (193, 18767), (199, 18803), (203, 18833), (211, 18869), (215, 18935), (217, 18956), (223, 18998), (235, 19097), (248, 19238), (251, 19259), (263, 19394), (282, 19682), (289, 19769), (292, 19808),

Gene: Holli_25 Start: 15675, Stop: 18275, Start Num: 2

Candidate Starts for Holli_25:

(Start: 2 @15675 has 121 MA's), (Start: 4 @15816 has 22 MA's), (Start: 5 @15834 has 150 MA's), (33, 16041), (38, 16080), (40, 16110), (62, 16227), (67, 16254), (77, 16317), (83, 16380), (88, 16425), (93, 16467), (98, 16551), (133, 16818), (143, 16869), (150, 16914), (159, 16992), (168, 17031), (192, 17199), (195, 17220), (198, 17244), (210, 17310), (213, 17364), (219, 17412), (229, 17478), (242, 17643), (243, 17661), (258, 17787), (274, 18039), (275, 18042), (276, 18051), (282, 18111), (291, 18207), (294, 18255),

Gene: Homines_24 Start: 16444, Stop: 19104, Start Num: 5

Candidate Starts for Homines_24:

(Start: 5 @16444 has 150 MA's), (9, 16483), (16, 16546), (17, 16552), (20, 16576), (25, 16618), (77, 16927), (83, 16990), (88, 17035), (92, 17059), (96, 17134), (97, 17146), (128, 17467), (165, 17797), (174, 17848), (180, 17875), (202, 18079), (216, 18193), (217, 18202), (220, 18223), (224, 18244), (235, 18343), (237, 18385), (238, 18388), (252, 18517), (259, 18601), (265, 18646), (282, 18928), (289, 19015), (292, 19054), (294, 19084),

Gene: Houdini22_25 Start: 16030, Stop: 18489, Start Num: 4

Candidate Starts for Houdini22_25:

(Start: 2 @15889 has 121 MA's), (Start: 4 @16030 has 22 MA's), (Start: 5 @16048 has 150 MA's), (33, 16255), (38, 16294), (40, 16324), (62, 16441), (67, 16468), (77, 16531), (83, 16594), (88, 16639), (93, 16681), (98, 16765), (133, 17032), (143, 17083), (150, 17128), (159, 17206), (166, 17239), (168, 17245), (172, 17266), (192, 17413), (195, 17434), (198, 17458), (210, 17524), (213, 17578), (219, 17626), (229, 17692), (242, 17857), (243, 17875), (258, 18001), (274, 18253), (275, 18256), (276, 18265), (282, 18325), (291, 18421), (294, 18469),

Gene: Huxley_25 Start: 16090, Stop: 18549, Start Num: 4

Candidate Starts for Huxley_25:

(Start: 2 @15949 has 121 MA's), (Start: 4 @16090 has 22 MA's), (Start: 5 @16108 has 150 MA's), (33, 16315), (38, 16354), (40, 16384), (62, 16501), (67, 16528), (77, 16591), (83, 16654), (88, 16699), (93, 16741), (98, 16825), (133, 17092), (143, 17143), (150, 17188), (159, 17266), (166, 17299), (168, 17305), (172, 17326), (192, 17473), (195, 17494), (198, 17518), (210, 17584), (213, 17638), (219, 17686), (229, 17752), (242, 17917), (243, 17935), (258, 18061), (274, 18313), (275, 18316), (276, 18325), (282, 18385), (291, 18481), (294, 18529),

Gene: ICleared_25 Start: 16024, Stop: 18483, Start Num: 4

Candidate Starts for ICleared_25:

(Start: 2 @15883 has 121 MA's), (Start: 4 @16024 has 22 MA's), (Start: 5 @16042 has 150 MA's), (33, 16249), (38, 16288), (40, 16318), (62, 16435), (67, 16462), (77, 16525), (83, 16588), (88, 16633), (93, 16675), (98, 16759), (133, 17026), (143, 17077), (150, 17122), (159, 17200), (166, 17233), (168, 17239), (192, 17407), (195, 17428), (198, 17452), (210, 17518), (213, 17572), (219, 17620), (229,

17686), (242, 17851), (243, 17869), (258, 17995), (274, 18247), (275, 18250), (276, 18259), (282, 18319), (291, 18415), (294, 18463),

Gene: Iceman_26 Start: 16174, Stop: 18774, Start Num: 2

Candidate Starts for Iceman_26:

(Start: 2 @16174 has 121 MA's), (Start: 4 @16315 has 22 MA's), (Start: 5 @16333 has 150 MA's), (33, 16540), (38, 16579), (40, 16609), (62, 16726), (67, 16753), (77, 16816), (83, 16879), (88, 16924), (93, 16966), (98, 17050), (133, 17317), (143, 17368), (150, 17413), (159, 17491), (166, 17524), (168, 17530), (183, 17626), (184, 17635), (192, 17698), (195, 17719), (199, 17746), (204, 17779), (209, 17803), (210, 17809), (213, 17863), (219, 17911), (229, 17977), (242, 18142), (243, 18160), (258, 18286), (274, 18538), (275, 18541), (276, 18550), (282, 18610), (291, 18706), (294, 18754),

Gene: Ichabod_25 Start: 16373, Stop: 19030, Start Num: 5

Candidate Starts for Ichabod_25:

(Start: 5 @16373 has 150 MA's), (6, 16388), (16, 16472), (17, 16478), (20, 16502), (25, 16544), (77, 16853), (83, 16916), (88, 16961), (92, 16985), (94, 17006), (96, 17060), (97, 17072), (128, 17393), (165, 17723), (174, 17774), (180, 17801), (202, 18005), (216, 18119), (217, 18128), (220, 18149), (224, 18170), (235, 18269), (237, 18311), (238, 18314), (252, 18443), (259, 18527), (265, 18572), (282, 18854), (289, 18941), (292, 18980), (294, 19010),

Gene: IgnatiusPatJac_23 Start: 16361, Stop: 18832, Start Num: 5

Candidate Starts for IgnatiusPatJac_23:

(Start: 5 @16361 has 150 MA's), (9, 16400), (16, 16463), (20, 16493), (22, 16514), (26, 16535), (27, 16547), (30, 16565), (42, 16655), (77, 16853), (80, 16886), (86, 16952), (108, 17207), (110, 17228), (116, 17255), (145, 17414), (150, 17450), (162, 17543), (169, 17564), (182, 17621), (193, 17741), (199, 17777), (203, 17807), (211, 17843), (215, 17909), (217, 17930), (235, 18071), (248, 18212), (251, 18233), (263, 18368), (272, 18545), (282, 18656), (287, 18722), (289, 18743), (292, 18782), (294, 18812),

Gene: Inyanga_23 Start: 16138, Stop: 18609, Start Num: 5

Candidate Starts for Inyanga_23:

(Start: 5 @16138 has 150 MA's), (9, 16177), (16, 16240), (20, 16270), (22, 16291), (26, 16312), (27, 16324), (30, 16342), (42, 16432), (77, 16630), (80, 16663), (86, 16729), (108, 16984), (110, 17005), (116, 17032), (145, 17191), (150, 17227), (162, 17320), (169, 17341), (182, 17398), (193, 17518), (199, 17554), (203, 17584), (211, 17620), (215, 17686), (217, 17707), (223, 17749), (235, 17848), (248, 17989), (251, 18010), (263, 18145), (272, 18322), (282, 18433), (287, 18499), (289, 18520), (292, 18559), (293, 18574),

Gene: Iqorha_23 Start: 16137, Stop: 18608, Start Num: 5

Candidate Starts for Iqorha_23:

(Start: 5 @16137 has 150 MA's), (9, 16176), (16, 16239), (20, 16269), (22, 16290), (26, 16311), (27, 16323), (30, 16341), (42, 16431), (77, 16629), (80, 16662), (86, 16728), (108, 16983), (110, 17004), (116, 17031), (145, 17190), (150, 17226), (162, 17319), (169, 17340), (182, 17397), (193, 17517), (199, 17553), (203, 17583), (211, 17619), (215, 17685), (217, 17706), (223, 17748), (235, 17847), (248, 17988), (251, 18009), (263, 18144), (272, 18321), (282, 18432), (287, 18498), (289, 18519), (292, 18558), (293, 18573),

Gene: Iracema64_26 Start: 16196, Stop: 18796, Start Num: 2

Candidate Starts for Iracema64_26:

(Start: 2 @16196 has 121 MA's), (Start: 4 @16337 has 22 MA's), (Start: 5 @16355 has 150 MA's), (24, 16511), (33, 16562), (40, 16631), (62, 16748), (67, 16775), (77, 16838), (88, 16946), (93, 16988), (98, 17072), (133, 17339), (143, 17390), (150, 17435), (159, 17513), (166, 17546), (168, 17552), (186, 17666), (192, 17720), (198, 17765), (209, 17825), (213, 17885), (229, 17999), (242, 18164), (243,

18182), (258, 18308), (274, 18560), (275, 18563), (276, 18572), (282, 18632), (291, 18728), (294, 18776),

Gene: Jaykayelowell_25 Start: 15881, Stop: 18481, Start Num: 2

Candidate Starts for Jaykayelowell_25:

(Start: 2 @15881 has 121 MA's), (Start: 4 @16022 has 22 MA's), (Start: 5 @16040 has 150 MA's), (33, 16247), (38, 16286), (40, 16316), (62, 16433), (67, 16460), (77, 16523), (83, 16586), (88, 16631), (93, 16673), (98, 16757), (133, 17024), (143, 17075), (150, 17120), (159, 17198), (166, 17231), (168, 17237), (183, 17333), (184, 17342), (192, 17405), (195, 17426), (199, 17453), (209, 17510), (210, 17516), (213, 17570), (219, 17618), (229, 17684), (242, 17849), (243, 17867), (258, 17993), (274, 18245), (275, 18248), (276, 18257), (282, 18317), (291, 18413), (294, 18461),

Gene: Jerm2_25 Start: 16571, Stop: 19051, Start Num: 5

Candidate Starts for Jerm2_25:

(Start: 5 @16571 has 150 MA's), (9, 16610), (16, 16673), (20, 16703), (26, 16745), (59, 16952), (62, 16970), (77, 17060), (83, 17123), (85, 17147), (86, 17159), (93, 17210), (140, 17594), (155, 17696), (161, 17735), (162, 17750), (166, 17762), (171, 17786), (190, 17915), (203, 18014), (215, 18116), (217, 18137), (223, 18179), (235, 18278), (239, 18341), (249, 18431), (260, 18560), (264, 18593), (282, 18875), (287, 18941), (289, 18962), (292, 19001), (293, 19016),

Gene: JetBlade_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for JetBlade_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (186, 17352), (192, 17406), (198, 17451), (209, 17511), (212, 17529), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: JoongJeon_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for JoongJeon_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Jorgensen_24 Start: 16158, Stop: 18737, Start Num: 5

Candidate Starts for Jorgensen_24:

(Start: 5 @16158 has 150 MA's), (9, 16197), (16, 16260), (20, 16290), (31, 16374), (60, 16545), (83, 16713), (88, 16758), (91, 16782), (93, 16800), (126, 17112), (144, 17268), (154, 17370), (157, 17403), (172, 17475), (182, 17514), (190, 17601), (203, 17700), (215, 17802), (217, 17823), (219, 17835), (223, 17865), (235, 17964), (239, 18027), (260, 18246), (264, 18279), (272, 18450), (282, 18561), (287, 18627), (289, 18648), (292, 18687), (293, 18702),

Gene: JuliaChild_26 Start: 16832, Stop: 19303, Start Num: 5

Candidate Starts for JuliaChild_26:

(Start: 5 @16832 has 150 MA's), (9, 16871), (16, 16934), (20, 16964), (22, 16985), (26, 17006), (27, 17018), (30, 17036), (42, 17126), (77, 17324), (80, 17357), (86, 17423), (108, 17678), (110, 17699), (116, 17726), (145, 17885), (150, 17921), (162, 18014), (169, 18035), (182, 18092), (193, 18212), (199, 18248), (203, 18278), (211, 18314), (215, 18380), (217, 18401), (235, 18542), (248, 18683), (251, 18704), (263, 18839), (272, 19016), (282, 19127), (287, 19193), (289, 19214), (292, 19253),

(293, 19268),

Gene: KBG_25 Start: 17265, Stop: 19736, Start Num: 5

Candidate Starts for KBG_25:

(Start: 5 @17265 has 150 MA's), (9, 17304), (16, 17367), (20, 17397), (22, 17418), (26, 17439), (30, 17469), (35, 17493), (42, 17559), (77, 17757), (80, 17790), (86, 17856), (108, 18111), (110, 18132), (116, 18159), (145, 18318), (150, 18354), (162, 18447), (169, 18468), (171, 18483), (176, 18504), (177, 18507), (186, 18576), (190, 18612), (193, 18645), (199, 18681), (203, 18711), (211, 18747), (215, 18813), (217, 18834), (235, 18975), (248, 19116), (251, 19137), (263, 19272), (272, 19449), (282, 19560), (287, 19626), (289, 19647), (292, 19686), (293, 19701),

Gene: KFPoly_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for KFPoly_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: KSSJEB_24 Start: 16162, Stop: 18630, Start Num: 5

Candidate Starts for KSSJEB_24:

(Start: 5 @16162 has 150 MA's), (6, 16177), (20, 16291), (22, 16312), (26, 16333), (30, 16363), (35, 16387), (37, 16408), (42, 16453), (77, 16651), (80, 16684), (86, 16750), (108, 17005), (110, 17026), (116, 17053), (145, 17212), (150, 17248), (162, 17341), (169, 17362), (171, 17377), (176, 17398), (177, 17401), (186, 17470), (190, 17506), (193, 17539), (199, 17575), (203, 17605), (211, 17641), (215, 17707), (217, 17728), (223, 17770), (235, 17869), (248, 18010), (251, 18031), (263, 18166), (272, 18343), (282, 18454), (289, 18541), (292, 18580), (294, 18610),

Gene: Kampy_25 Start: 15883, Stop: 18483, Start Num: 2

Candidate Starts for Kampy_25:

(Start: 2 @15883 has 121 MA's), (Start: 4 @16024 has 22 MA's), (Start: 5 @16042 has 150 MA's), (33, 16249), (38, 16288), (40, 16318), (62, 16435), (67, 16462), (77, 16525), (83, 16588), (88, 16633), (93, 16675), (98, 16759), (133, 17026), (143, 17077), (150, 17122), (159, 17200), (168, 17239), (172, 17260), (192, 17407), (195, 17428), (198, 17452), (210, 17518), (213, 17572), (219, 17620), (229, 17686), (242, 17851), (243, 17869), (258, 17995), (274, 18247), (275, 18250), (276, 18259), (282, 18319), (291, 18415), (294, 18463),

Gene: Katalie136_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Katalie136_25:

(Start: 2 @15885 has 121 MA's), (24, 16200), (28, 16227), (36, 16275), (43, 16332), (62, 16437), (64, 16452), (67, 16464), (77, 16527), (88, 16635), (90, 16656), (93, 16677), (143, 17079), (149, 17121), (150, 17124), (166, 17235), (168, 17241), (187, 17373), (192, 17409), (199, 17457), (213, 17574), (229, 17688), (242, 17853), (243, 17871), (257, 17985), (258, 17997), (267, 18087), (270, 18180), (275, 18252), (276, 18261), (282, 18321), (283, 18330), (291, 18417), (294, 18465),

Gene: Kenmech_27 Start: 17747, Stop: 20146, Start Num: 5

Candidate Starts for Kenmech_27:

(Start: 5 @17747 has 150 MA's), (9, 17786), (16, 17849), (20, 17879), (22, 17900), (26, 17921), (27, 17933), (30, 17951), (37, 17996), (42, 18041), (77, 18239), (80, 18272), (86, 18338), (108, 18593), (110, 18614), (116, 18641), (121, 18680), (130, 18737), (139, 18767), (162, 18929), (195, 19082), (196, 19094), (199, 19109), (214, 19226), (221, 19271), (224, 19292), (225, 19295), (239, 19445), (242, 19460), (248, 19526), (253, 19568), (269, 19778), (272, 19859), (282, 19970), (289, 20057),

(292, 20096), (293, 20111),

Gene: Kingmustik0402_25 Start: 15877, Stop: 18477, Start Num: 2

Candidate Starts for Kingmustik0402_25:

(Start: 2 @15877 has 121 MA's), (Start: 4 @16018 has 22 MA's), (Start: 5 @16036 has 150 MA's), (33, 16243), (38, 16282), (40, 16312), (58, 16396), (62, 16429), (67, 16456), (77, 16519), (83, 16582), (88, 16627), (93, 16669), (98, 16753), (133, 17020), (143, 17071), (150, 17116), (159, 17194), (168, 17233), (192, 17401), (195, 17422), (198, 17446), (210, 17512), (213, 17566), (219, 17614), (229, 17680), (242, 17845), (243, 17863), (258, 17989), (274, 18241), (275, 18244), (276, 18253), (282, 18313), (291, 18409), (294, 18457),

Gene: KittenMittens_24 Start: 13965, Stop: 16520, Start Num: 5

Candidate Starts for KittenMittens_24:

(Start: 2 @13788 has 121 MA's), (Start: 5 @13965 has 150 MA's), (13, 14040), (15, 14052), (39, 14214), (41, 14235), (45, 14247), (50, 14277), (56, 14310), (63, 14355), (66, 14373), (68, 14388), (69, 14397), (73, 14418), (84, 14523), (86, 14565), (100, 14730), (114, 14892), (117, 14919), (146, 15096), (153, 15141), (158, 15216), (167, 15264), (168, 15267), (172, 15288), (173, 15291), (181, 15336), (188, 15411), (189, 15414), (191, 15435), (194, 15459), (204, 15525), (210, 15555), (212, 15567), (214, 15621), (218, 15654), (221, 15669), (229, 15723), (235, 15798), (240, 15876), (242, 15888), (243, 15906), (247, 15945), (251, 15957), (252, 15969), (256, 16011), (257, 16023), (258, 16035), (259, 16050), (261, 16071), (262, 16083), (276, 16296), (282, 16356), (285, 16401), (291, 16452), (294, 16500),

Gene: Koan_24 Start: 16044, Stop: 18485, Start Num: 5

Candidate Starts for Koan_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (58, 16404), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (183, 17337), (184, 17346), (192, 17409), (195, 17430), (199, 17457), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Koreni_24 Start: 15531, Stop: 18131, Start Num: 2

Candidate Starts for Koreni_24:

(Start: 2 @15531 has 121 MA's), (Start: 4 @15672 has 22 MA's), (Start: 5 @15690 has 150 MA's), (33, 15897), (38, 15936), (40, 15966), (62, 16083), (67, 16110), (77, 16173), (83, 16236), (88, 16281), (93, 16323), (98, 16407), (133, 16674), (143, 16725), (150, 16770), (159, 16848), (166, 16881), (168, 16887), (183, 16983), (184, 16992), (192, 17055), (195, 17076), (198, 17100), (210, 17166), (213, 17220), (219, 17268), (229, 17334), (242, 17499), (243, 17517), (258, 17643), (274, 17895), (275, 17898), (276, 17907), (282, 17967), (291, 18063), (294, 18111),

Gene: Kratark_25 Start: 15880, Stop: 18480, Start Num: 2

Candidate Starts for Kratark_25:

(Start: 2 @15880 has 121 MA's), (Start: 4 @16021 has 22 MA's), (Start: 5 @16039 has 150 MA's), (33, 16246), (38, 16285), (40, 16315), (67, 16459), (77, 16522), (83, 16585), (88, 16630), (93, 16672), (98, 16756), (133, 17023), (143, 17074), (150, 17119), (159, 17197), (166, 17230), (168, 17236), (186, 17350), (192, 17404), (198, 17449), (209, 17509), (213, 17569), (229, 17683), (242, 17848), (243, 17866), (258, 17992), (274, 18244), (275, 18247), (276, 18256), (282, 18316), (291, 18412), (294, 18460),

Gene: Kremtemulon_25 Start: 15933, Stop: 18533, Start Num: 2

Candidate Starts for Kremtemulon_25:

(Start: 2 @15933 has 121 MA's), (Start: 4 @16074 has 22 MA's), (Start: 5 @16092 has 150 MA's), (33, 16299), (38, 16338), (40, 16368), (62, 16485), (67, 16512), (77, 16575), (83, 16638), (88, 16683), (93, 16725), (98, 16809), (133, 17076), (143, 17127), (150, 17172), (159, 17250), (168, 17289), (172, 17310), (183, 17385), (184, 17394), (192, 17457), (195, 17478), (199, 17505), (209, 17562), (210, 17568), (213, 17622), (219, 17670), (229, 17736), (242, 17901), (243, 17919), (258, 18045), (274, 18297), (275, 18300), (276, 18309), (282, 18369), (291, 18465), (294, 18513),

Gene: Kristoff_26 Start: 15879, Stop: 18620, Start Num: 2

Candidate Starts for Kristoff_26:

(Start: 2 @15879 has 121 MA's), (Start: 5 @16056 has 150 MA's), (7, 16077), (14, 16134), (19, 16182), (23, 16209), (29, 16248), (35, 16278), (39, 16320), (45, 16353), (46, 16362), (55, 16413), (56, 16416), (66, 16479), (68, 16494), (71, 16515), (73, 16524), (84, 16629), (86, 16671), (117, 17025), (146, 17193), (158, 17313), (166, 17358), (167, 17361), (168, 17364), (172, 17385), (173, 17388), (181, 17433), (192, 17541), (195, 17562), (196, 17574), (204, 17622), (211, 17655), (214, 17718), (226, 17796), (229, 17820), (235, 17895), (239, 17961), (242, 17985), (243, 18003), (252, 18069), (255, 18099), (257, 18123), (258, 18135), (259, 18150), (261, 18171), (262, 18183), (276, 18396), (279, 18432), (281, 18453), (282, 18456), (291, 18552), (294, 18600),

Gene: Kyee_25 Start: 15886, Stop: 18486, Start Num: 2

Candidate Starts for Kyee_25:

(Start: 2 @15886 has 121 MA's), (Start: 4 @16027 has 22 MA's), (Start: 5 @16045 has 150 MA's), (33, 16252), (38, 16291), (40, 16321), (62, 16438), (67, 16465), (77, 16528), (83, 16591), (88, 16636), (93, 16678), (98, 16762), (133, 17029), (143, 17080), (150, 17125), (159, 17203), (168, 17242), (186, 17356), (192, 17410), (198, 17455), (209, 17515), (212, 17533), (213, 17575), (219, 17623), (229, 17689), (242, 17854), (243, 17872), (258, 17998), (274, 18250), (275, 18253), (276, 18262), (282, 18322), (291, 18418), (294, 18466),

Gene: Kykar_22 Start: 15947, Stop: 18526, Start Num: 5

Candidate Starts for Kykar_22:

(Start: 5 @15947 has 150 MA's), (9, 15986), (16, 16049), (20, 16079), (53, 16298), (60, 16334), (83, 16502), (88, 16547), (91, 16571), (93, 16589), (126, 16901), (144, 17057), (154, 17159), (157, 17192), (172, 17264), (182, 17303), (190, 17390), (203, 17489), (215, 17591), (217, 17612), (219, 17624), (223, 17654), (235, 17753), (239, 17816), (260, 18035), (264, 18068), (282, 18350), (289, 18437), (292, 18476), (293, 18491),

Gene: LHTSCC_26 Start: 16337, Stop: 18796, Start Num: 4

Candidate Starts for LHTSCC_26:

(Start: 2 @16196 has 121 MA's), (Start: 4 @16337 has 22 MA's), (Start: 5 @16355 has 150 MA's), (24, 16511), (33, 16562), (40, 16631), (62, 16748), (67, 16775), (77, 16838), (83, 16901), (88, 16946), (93, 16988), (98, 17072), (121, 17279), (133, 17339), (143, 17390), (150, 17435), (159, 17513), (166, 17546), (168, 17552), (192, 17720), (195, 17741), (198, 17765), (209, 17825), (210, 17831), (211, 17834), (213, 17885), (219, 17933), (229, 17999), (242, 18164), (243, 18182), (258, 18308), (274, 18560), (275, 18563), (276, 18572), (281, 18629), (282, 18632), (285, 18677), (291, 18728), (294, 18776),

Gene: Lamina13_24 Start: 15957, Stop: 18428, Start Num: 5

Candidate Starts for Lamina13_24:

(Start: 5 @15957 has 150 MA's), (9, 15996), (16, 16059), (17, 16065), (20, 16089), (22, 16110), (26, 16131), (30, 16161), (35, 16185), (42, 16251), (77, 16449), (80, 16482), (86, 16548), (108, 16803), (110, 16824), (116, 16851), (145, 17010), (150, 17046), (162, 17139), (169, 17160), (182, 17217), (193, 17337), (199, 17373), (203, 17403), (211, 17439), (215, 17505), (217, 17526), (235, 17667), (248, 17808), (251, 17829), (263, 17964), (282, 18252), (289, 18339), (292, 18378), (294, 18408),

Gene: LappelDuVide_25 Start: 16023, Stop: 18482, Start Num: 4

Candidate Starts for LappelDuVide_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (172, 17259), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Lemur_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Lemur_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (58, 16401), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (210, 17517), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: LeoAvram_25 Start: 16041, Stop: 18482, Start Num: 5

Candidate Starts for LeoAvram_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Lesedi_23 Start: 16115, Stop: 18586, Start Num: 5

Candidate Starts for Lesedi_23:

(Start: 5 @16115 has 150 MA's), (9, 16154), (16, 16217), (20, 16247), (22, 16268), (26, 16289), (27, 16301), (30, 16319), (37, 16364), (42, 16409), (77, 16607), (80, 16640), (86, 16706), (108, 16961), (110, 16982), (116, 17009), (145, 17168), (150, 17204), (162, 17297), (169, 17318), (182, 17375), (193, 17495), (199, 17531), (203, 17561), (211, 17597), (215, 17663), (217, 17684), (235, 17825), (248, 17966), (251, 17987), (263, 18122), (272, 18299), (282, 18410), (289, 18497), (292, 18536), (293, 18551),

Gene: Levia_23 Start: 17126, Stop: 19597, Start Num: 5

Candidate Starts for Levia_23:

(Start: 5 @17126 has 150 MA's), (9, 17165), (16, 17228), (20, 17258), (22, 17279), (26, 17300), (30, 17330), (35, 17354), (42, 17420), (77, 17618), (80, 17651), (86, 17717), (108, 17972), (110, 17993), (116, 18020), (145, 18179), (150, 18215), (162, 18308), (169, 18329), (182, 18386), (193, 18506), (199, 18542), (203, 18572), (211, 18608), (215, 18674), (217, 18695), (235, 18836), (248, 18977), (251, 18998), (263, 19133), (272, 19310), (282, 19421), (287, 19487), (289, 19508), (292, 19547), (293, 19562),

Gene: Licorice_26 Start: 17366, Stop: 19837, Start Num: 5

Candidate Starts for Licorice_26:

(Start: 5 @17366 has 150 MA's), (9, 17405), (16, 17468), (20, 17498), (22, 17519), (26, 17540), (27, 17552), (30, 17570), (35, 17594), (42, 17660), (48, 17687), (77, 17858), (80, 17891), (86, 17957), (108, 18212), (110, 18233), (116, 18260), (121, 18299), (130, 18356), (139, 18386), (145, 18419), (150, 18455), (162, 18548), (169, 18569), (182, 18626), (193, 18746), (199, 18782), (203, 18812), (211, 18848), (215, 18914), (217, 18935), (223, 18977), (235, 19076), (248, 19217), (251, 19238), (269, 19469), (272, 19550), (282, 19661), (289, 19748), (292, 19787), (294, 19817),

Gene: LittleB_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for LittleB_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (199, 17457), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: LittleGuy_25 Start: 15828, Stop: 18428, Start Num: 2

Candidate Starts for LittleGuy_25:

(Start: 2 @15828 has 121 MA's), (Start: 4 @15969 has 22 MA's), (Start: 5 @15987 has 150 MA's), (33, 16194), (38, 16233), (40, 16263), (62, 16380), (67, 16407), (77, 16470), (83, 16533), (86, 16569), (88, 16578), (93, 16620), (121, 16911), (133, 16971), (143, 17022), (150, 17067), (166, 17178), (168, 17184), (172, 17205), (192, 17352), (195, 17373), (198, 17397), (209, 17457), (210, 17463), (211, 17466), (213, 17517), (219, 17565), (229, 17631), (242, 17796), (243, 17814), (258, 17940), (274, 18192), (275, 18195), (276, 18204), (282, 18264), (285, 18309), (291, 18360), (294, 18408),

Gene: LochMonster_25 Start: 16001, Stop: 18460, Start Num: 4

Candidate Starts for LochMonster_25:

(Start: 2 @15860 has 121 MA's), (Start: 4 @16001 has 22 MA's), (Start: 5 @16019 has 150 MA's), (24, 16175), (33, 16226), (38, 16265), (40, 16295), (62, 16412), (67, 16439), (77, 16502), (83, 16565), (88, 16610), (93, 16652), (98, 16736), (133, 17003), (143, 17054), (150, 17099), (159, 17177), (166, 17210), (168, 17216), (186, 17330), (192, 17384), (198, 17429), (209, 17489), (213, 17549), (229, 17663), (242, 17828), (243, 17846), (258, 17972), (274, 18224), (275, 18227), (276, 18236), (281, 18293), (282, 18296), (285, 18341), (291, 18392), (294, 18440),

Gene: Lorenzo_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Lorenzo_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: LunarLander_24 Start: 16065, Stop: 18725, Start Num: 5

Candidate Starts for LunarLander_24:

(Start: 5 @16065 has 150 MA's), (9, 16104), (16, 16167), (17, 16173), (20, 16197), (25, 16239), (77, 16548), (83, 16611), (88, 16656), (92, 16680), (96, 16755), (97, 16767), (128, 17088), (165, 17418), (174, 17469), (180, 17496), (202, 17700), (216, 17814), (217, 17823), (220, 17844), (224, 17865), (235, 17964), (237, 18006), (238, 18009), (252, 18138), (259, 18222), (265, 18267), (272, 18438), (273, 18456), (282, 18549), (289, 18636), (292, 18675), (293, 18690),

Gene: Lunsford_26 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Lunsford_26:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (210, 17517), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Magnito_23 Start: 15836, Stop: 18307, Start Num: 5

Candidate Starts for Magnito_23:

(Start: 5 @15836 has 150 MA's), (9, 15875), (16, 15938), (20, 15968), (22, 15989), (26, 16010), (27, 16022), (30, 16040), (42, 16130), (77, 16328), (80, 16361), (86, 16427), (108, 16682), (110, 16703), (116, 16730), (145, 16889), (150, 16925), (162, 17018), (169, 17039), (182, 17096), (193, 17216), (199, 17252), (203, 17282), (211, 17318), (215, 17384), (217, 17405), (235, 17546), (248, 17687), (251, 17708), (269, 17939), (272, 18020), (282, 18131), (289, 18218), (292, 18257), (294, 18287),

Gene: Makemake_24 Start: 17552, Stop: 20023, Start Num: 5

Candidate Starts for Makemake_24:

(Start: 5 @17552 has 150 MA's), (9, 17591), (16, 17654), (20, 17684), (22, 17705), (26, 17726), (30, 17756), (35, 17780), (42, 17846), (77, 18044), (80, 18077), (86, 18143), (108, 18398), (110, 18419), (116, 18446), (130, 18542), (139, 18572), (162, 18734), (169, 18755), (182, 18812), (193, 18932), (199, 18968), (203, 18998), (211, 19034), (215, 19100), (217, 19121), (223, 19163), (235, 19262), (248, 19403), (251, 19424), (263, 19559), (272, 19736), (282, 19847), (287, 19913), (289, 19934), (292, 19973), (293, 19988),

Gene: Manatee_25 Start: 16575, Stop: 18575, Start Num: 5

Candidate Starts for Manatee_25:

(Start: 5 @16575 has 150 MA's), (9, 16614), (16, 16677), (20, 16707), (22, 16728), (33, 16788), (47, 16884), (59, 16953), (61, 16965), (77, 17061), (80, 17094), (102, 17328), (151, 17616), (178, 17718), (181, 17730), (189, 17808), (193, 17850), (201, 17904), (203, 17916), (207, 17931), (210, 17949), (212, 17961), (217, 18039), (222, 18069), (232, 18165), (254, 18375), (268, 18525),

Gene: Marchy_23 Start: 15902, Stop: 18370, Start Num: 5

Candidate Starts for Marchy_23:

(Start: 5 @15902 has 150 MA's), (6, 15917), (20, 16031), (22, 16052), (26, 16073), (30, 16103), (42, 16193), (77, 16391), (80, 16424), (86, 16490), (108, 16745), (110, 16766), (116, 16793), (145, 16952), (150, 16988), (162, 17081), (169, 17102), (171, 17117), (176, 17138), (177, 17141), (186, 17210), (190, 17246), (193, 17279), (199, 17315), (203, 17345), (211, 17381), (215, 17447), (217, 17468), (235, 17609), (248, 17750), (251, 17771), (263, 17906), (272, 18083), (282, 18194), (287, 18260), (289, 18281), (292, 18320), (294, 18350),

Gene: Marco3_24 Start: 16566, Stop: 18965, Start Num: 5

Candidate Starts for Marco3_24:

(Start: 5 @16566 has 150 MA's), (9, 16605), (16, 16668), (20, 16698), (22, 16719), (26, 16740), (27, 16752), (30, 16770), (42, 16860), (77, 17058), (80, 17091), (86, 17157), (108, 17412), (110, 17433), (116, 17460), (121, 17499), (130, 17556), (139, 17586), (162, 17748), (195, 17901), (196, 17913), (199, 17928), (214, 18045), (221, 18090), (224, 18111), (225, 18114), (239, 18264), (242, 18279), (248, 18345), (253, 18387), (269, 18597), (272, 18678), (282, 18789), (289, 18876), (292, 18915), (294, 18945),

Gene: Marge_25 Start: 16805, Stop: 19465, Start Num: 5

Candidate Starts for Marge_25:

(Start: 5 @16805 has 150 MA's), (9, 16844), (16, 16907), (17, 16913), (20, 16937), (25, 16979), (77, 17288), (83, 17351), (88, 17396), (92, 17420), (96, 17495), (97, 17507), (128, 17828), (165, 18158), (174, 18209), (180, 18236), (202, 18440), (216, 18554), (217, 18563), (220, 18584), (224, 18605), (235, 18704), (237, 18746), (238, 18749), (252, 18878), (259, 18962), (265, 19007), (282, 19289), (289, 19376), (292, 19415), (293, 19430),

Gene: Maroc7_23 Start: 16098, Stop: 18569, Start Num: 5

Candidate Starts for Maroc7_23:

(Start: 5 @16098 has 150 MA's), (9, 16137), (16, 16200), (20, 16230), (22, 16251), (26, 16272), (27, 16284), (30, 16302), (42, 16392), (77, 16590), (80, 16623), (86, 16689), (108, 16944), (110, 16965), (116, 16992), (145, 17151), (150, 17187), (162, 17280), (169, 17301), (182, 17358), (193, 17478), (199, 17514), (203, 17544), (211, 17580), (215, 17646), (217, 17667), (235, 17808), (248, 17949), (251, 17970), (263, 18105), (272, 18282), (282, 18393), (289, 18480), (292, 18519), (294, 18549),

Gene: MaryBeth_24 Start: 16506, Stop: 18977, Start Num: 5

Candidate Starts for MaryBeth_24:

(Start: 5 @16506 has 150 MA's), (9, 16545), (16, 16608), (20, 16638), (22, 16659), (26, 16680), (27, 16692), (30, 16710), (42, 16800), (77, 16998), (80, 17031), (86, 17097), (108, 17352), (110, 17373), (116, 17400), (145, 17559), (150, 17595), (162, 17688), (169, 17709), (182, 17766), (193, 17886), (199, 17922), (203, 17952), (211, 17988), (215, 18054), (217, 18075), (235, 18216), (248, 18357), (251, 18378), (263, 18513), (272, 18690), (282, 18801), (289, 18888), (292, 18927), (293, 18942),

Gene: Maverick_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Maverick_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Maxo_25 Start: 15883, Stop: 18483, Start Num: 2

Candidate Starts for Maxo_25:

(Start: 2 @15883 has 121 MA's), (Start: 4 @16024 has 22 MA's), (Start: 5 @16042 has 150 MA's), (33, 16249), (38, 16288), (40, 16318), (62, 16435), (67, 16462), (77, 16525), (83, 16588), (88, 16633), (93, 16675), (98, 16759), (133, 17026), (143, 17077), (150, 17122), (159, 17200), (168, 17239), (172, 17260), (192, 17407), (195, 17428), (198, 17452), (210, 17518), (213, 17572), (219, 17620), (229, 17686), (242, 17851), (243, 17869), (258, 17995), (274, 18247), (275, 18250), (276, 18259), (282, 18319), (291, 18415), (294, 18463),

Gene: Mayonnaise_25 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Mayonnaise_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Mazhar510_25 Start: 15886, Stop: 18486, Start Num: 2

Candidate Starts for Mazhar510_25:

(Start: 2 @15886 has 121 MA's), (Start: 4 @16027 has 22 MA's), (Start: 5 @16045 has 150 MA's), (24, 16201), (33, 16252), (38, 16291), (40, 16321), (62, 16438), (67, 16465), (77, 16528), (83, 16591), (88, 16636), (93, 16678), (98, 16762), (133, 17029), (143, 17080), (150, 17125), (159, 17203), (166, 17236), (168, 17242), (186, 17356), (192, 17410), (198, 17455), (209, 17515), (213, 17575), (229, 17689), (242, 17854), (243, 17872), (258, 17998), (274, 18250), (275, 18253), (276, 18262), (282, 18322), (291, 18418), (294, 18466),

Gene: McSinger_25 Start: 16766, Stop: 19237, Start Num: 5

Candidate Starts for McSinger_25:

(Start: 5 @16766 has 150 MA's), (9, 16805), (16, 16868), (20, 16898), (22, 16919), (26, 16940), (30, 16970), (35, 16994), (42, 17060), (77, 17258), (80, 17291), (86, 17357), (108, 17612), (110, 17633), (116, 17660), (145, 17819), (150, 17855), (162, 17948), (169, 17969), (182, 18026), (193, 18146), (199, 18182), (203, 18212), (211, 18248), (215, 18314), (217, 18335), (235, 18476), (248, 18617), (251, 18638), (263, 18773), (272, 18950), (282, 19061), (289, 19148), (292, 19187), (293, 19202),

Gene: Medusa_25 Start: 15886, Stop: 18486, Start Num: 2

Candidate Starts for Medusa_25:

(Start: 2 @15886 has 121 MA's), (Start: 4 @16027 has 22 MA's), (Start: 5 @16045 has 150 MA's), (33, 16252), (38, 16291), (40, 16321), (62, 16438), (67, 16465), (77, 16528), (83, 16591), (88, 16636), (93, 16678), (98, 16762), (133, 17029), (143, 17080), (150, 17125), (159, 17203), (166, 17236), (168, 17242), (183, 17338), (184, 17347), (192, 17410), (195, 17431), (199, 17458), (209, 17515), (210, 17521), (213, 17575), (219, 17623), (229, 17689), (242, 17854), (243, 17872), (258, 17998), (274, 18250), (275, 18253), (276, 18262), (282, 18322), (291, 18418), (294, 18466),

Gene: MeeZee_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for MeeZee_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (186, 17355), (192, 17409), (198, 17454), (209, 17514), (212, 17532), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Melvin_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Melvin_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: MetalQZJ_24 Start: 16506, Stop: 18977, Start Num: 5

Candidate Starts for MetalQZJ_24:

(Start: 5 @16506 has 150 MA's), (9, 16545), (16, 16608), (20, 16638), (22, 16659), (26, 16680), (27, 16692), (30, 16710), (42, 16800), (77, 16998), (80, 17031), (86, 17097), (108, 17352), (110, 17373), (116, 17400), (145, 17559), (150, 17595), (162, 17688), (169, 17709), (182, 17766), (193, 17886), (199, 17922), (203, 17952), (211, 17988), (215, 18054), (217, 18075), (235, 18216), (248, 18357), (251, 18378), (263, 18513), (272, 18690), (282, 18801), (289, 18888), (292, 18927), (293, 18942),

Gene: Michley_24 Start: 16251, Stop: 18722, Start Num: 5

Candidate Starts for Michley_24:

(Start: 5 @16251 has 150 MA's), (9, 16290), (16, 16353), (20, 16383), (22, 16404), (26, 16425), (30, 16455), (35, 16479), (42, 16545), (77, 16743), (80, 16776), (86, 16842), (108, 17097), (110, 17118), (116, 17145), (145, 17304), (150, 17340), (162, 17433), (169, 17454), (171, 17469), (176, 17490), (177, 17493), (186, 17562), (190, 17598), (193, 17631), (199, 17667), (203, 17697), (211, 17733), (215, 17799), (217, 17820), (235, 17961), (248, 18102), (251, 18123), (263, 18258), (272, 18435), (282, 18546), (287, 18612), (289, 18633), (292, 18672), (293, 18687),

Gene: Millski_24 Start: 15888, Stop: 18488, Start Num: 2

Candidate Starts for Millski_24:

(Start: 2 @15888 has 121 MA's), (Start: 4 @16029 has 22 MA's), (Start: 5 @16047 has 150 MA's), (33, 16254), (38, 16293), (40, 16323), (58, 16407), (62, 16440), (67, 16467), (77, 16530), (83, 16593), (88, 16638), (93, 16680), (98, 16764), (133, 17031), (143, 17082), (150, 17127), (159, 17205), (168, 17244), (192, 17412), (195, 17433), (198, 17457), (210, 17523), (213, 17577), (219, 17625), (229, 17691), (242, 17856), (243, 17874), (258, 18000), (274, 18252), (275, 18255), (276, 18264), (282, 18324), (291, 18420), (294, 18468),

Gene: Miramae_25 Start: 15828, Stop: 18428, Start Num: 2

Candidate Starts for Miramae_25:

(Start: 2 @15828 has 121 MA's), (Start: 8 @16011 has 1 MA's), (28, 16170), (36, 16218), (62, 16380), (65, 16398), (77, 16470), (88, 16578), (95, 16662), (121, 16911), (139, 16998), (143, 17022), (150, 17067), (166, 17178), (168, 17184), (187, 17316), (192, 17352), (195, 17373), (199, 17400), (209, 17457), (213, 17517), (229, 17631), (242, 17796), (243, 17814), (253, 17883), (258, 17940), (271, 18129), (275, 18195), (276, 18204), (282, 18264), (283, 18273), (285, 18309), (288, 18327), (291, 18360), (294, 18408),

Gene: Mkhuseli_25 Start: 16421, Stop: 18892, Start Num: 5

Candidate Starts for Mkhuseli_25:

(Start: 5 @16421 has 150 MA's), (9, 16460), (16, 16523), (20, 16553), (22, 16574), (26, 16595), (27, 16607), (30, 16625), (42, 16715), (77, 16913), (80, 16946), (86, 17012), (108, 17267), (110, 17288), (116, 17315), (145, 17474), (150, 17510), (162, 17603), (169, 17624), (182, 17681), (193, 17801), (199, 17837), (203, 17867), (211, 17903), (215, 17969), (217, 17990), (223, 18032), (235, 18131), (248, 18272), (251, 18293), (263, 18428), (269, 18524), (272, 18605), (282, 18716), (289, 18803), (292, 18842), (293, 18857),

Gene: Monet_26 Start: 17622, Stop: 20093, Start Num: 5

Candidate Starts for Monet_26:

(Start: 5 @17622 has 150 MA's), (9, 17661), (16, 17724), (20, 17754), (22, 17775), (26, 17796), (27, 17808), (30, 17826), (42, 17916), (77, 18114), (80, 18147), (86, 18213), (108, 18468), (110, 18489), (116, 18516), (121, 18555), (130, 18612), (139, 18642), (145, 18675), (150, 18711), (162, 18804), (169, 18825), (182, 18882), (193, 19002), (199, 19038), (203, 19068), (211, 19104), (215, 19170), (217, 19191), (223, 19233), (234, 19329), (235, 19332), (239, 19395), (248, 19473), (251, 19494), (269, 19725), (272, 19806), (282, 19917), (289, 20004), (292, 20043), (294, 20073),

Gene: Moose_23 Start: 16363, Stop: 18834, Start Num: 5

Candidate Starts for Moose_23:

(Start: 5 @16363 has 150 MA's), (9, 16402), (16, 16465), (20, 16495), (22, 16516), (26, 16537), (27, 16549), (30, 16567), (42, 16657), (77, 16855), (80, 16888), (86, 16954), (108, 17209), (110, 17230), (116, 17257), (145, 17416), (150, 17452), (162, 17545), (169, 17566), (182, 17623), (193, 17743), (199, 17779), (203, 17809), (211, 17845), (215, 17911), (217, 17932), (235, 18073), (248, 18214), (251, 18235), (269, 18466), (272, 18547), (282, 18658), (284, 18700), (289, 18745), (292, 18784), (293, 18799),

Gene: Morpher26_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Morpher26_25:

(Start: 2 @15885 has 121 MA's), (24, 16200), (28, 16227), (36, 16275), (43, 16332), (62, 16437), (64, 16452), (67, 16464), (77, 16527), (88, 16635), (90, 16656), (93, 16677), (143, 17079), (149, 17121), (150, 17124), (166, 17235), (168, 17241), (187, 17373), (192, 17409), (199, 17457), (213, 17574), (229, 17688), (242, 17853), (243, 17871), (257, 17985), (258, 17997), (267, 18087), (270, 18180), (275, 18252), (276, 18261), (282, 18321), (283, 18330), (291, 18417), (294, 18465),

Gene: Morrow_25 Start: 15888, Stop: 18488, Start Num: 2

Candidate Starts for Morrow_25:

(Start: 2 @15888 has 121 MA's), (Start: 4 @16029 has 22 MA's), (Start: 5 @16047 has 150 MA's), (33, 16254), (38, 16293), (40, 16323), (62, 16440), (67, 16467), (77, 16530), (83, 16593), (88, 16638), (93, 16680), (98, 16764), (121, 16971), (133, 17031), (143, 17082), (150, 17127), (159, 17205), (166, 17238), (168, 17244), (192, 17412), (195, 17433), (198, 17457), (209, 17517), (210, 17523), (211, 17526), (213, 17577), (219, 17625), (229, 17691), (242, 17856), (243, 17874), (258, 18000), (274, 18252), (275, 18255), (276, 18264), (282, 18324), (291, 18420), (294, 18468),

Gene: MrGordo_24 Start: 16064, Stop: 18535, Start Num: 5

Candidate Starts for MrGordo_24:

(Start: 5 @16064 has 150 MA's), (9, 16103), (16, 16166), (20, 16196), (22, 16217), (26, 16238), (30, 16268), (35, 16292), (42, 16358), (77, 16556), (80, 16589), (86, 16655), (108, 16910), (110, 16931), (116, 16958), (145, 17117), (150, 17153), (162, 17246), (169, 17267), (171, 17282), (176, 17303), (177, 17306), (186, 17375), (190, 17411), (193, 17444), (199, 17480), (203, 17510), (211, 17546), (215, 17612), (217, 17633), (235, 17774), (248, 17915), (251, 17936), (263, 18071), (272, 18248), (282, 18359), (289, 18446), (292, 18485), (293, 18500),

Gene: Mundrea_25 Start: 15850, Stop: 18450, Start Num: 2

Candidate Starts for Mundrea_25:

(Start: 2 @15850 has 121 MA's), (28, 16192), (36, 16240), (43, 16297), (62, 16402), (64, 16417), (77, 16492), (88, 16600), (90, 16621), (93, 16642), (139, 17020), (141, 17032), (143, 17044), (150, 17089), (152, 17098), (166, 17200), (168, 17206), (172, 17227), (199, 17422), (205, 17461), (224, 17620), (227, 17641), (229, 17653), (230, 17671), (242, 17818), (243, 17836), (258, 17962), (267, 18052), (270, 18145), (275, 18217), (276, 18226), (282, 18286), (283, 18295), (285, 18331), (291, 18382), (294, 18430),

Gene: Museum_26 Start: 16420, Stop: 18891, Start Num: 5

Candidate Starts for Museum_26:

(Start: 5 @16420 has 150 MA's), (9, 16459), (16, 16522), (20, 16552), (22, 16573), (26, 16594), (27, 16606), (30, 16624), (35, 16648), (42, 16714), (77, 16912), (80, 16945), (86, 17011), (108, 17266), (110, 17287), (116, 17314), (145, 17473), (150, 17509), (162, 17602), (169, 17623), (182, 17680), (193, 17800), (199, 17836), (203, 17866), (211, 17902), (215, 17968), (217, 17989), (235, 18130), (248, 18271), (251, 18292), (263, 18427), (272, 18604), (282, 18715), (287, 18781), (289, 18802), (292, 18841), (293, 18856),

Gene: Naira_25 Start: 17895, Stop: 20510, Start Num: 5

Candidate Starts for Naira_25:

(Start: 5 @17895 has 150 MA's), (9, 17934), (16, 17997), (17, 18003), (20, 18027), (37, 18135), (67, 18306), (76, 18366), (77, 18369), (89, 18492), (93, 18522), (96, 18585), (117, 18804), (124, 18876), (131, 18924), (138, 18969), (163, 19194), (165, 19203), (173, 19239), (180, 19281), (202, 19485), (216, 19599), (217, 19608), (220, 19629), (224, 19650), (235, 19749), (237, 19791), (238, 19794), (252, 19923), (259, 20007), (265, 20052), (282, 20334), (287, 20400), (289, 20421), (292, 20460), (293, 20475),

Gene: Nebs_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Nebs_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Nemo27_25 Start: 16025, Stop: 18484, Start Num: 4

Candidate Starts for Nemo27_25:

(Start: 2 @15884 has 121 MA's), (Start: 4 @16025 has 22 MA's), (Start: 5 @16043 has 150 MA's), (33, 16250), (38, 16289), (40, 16319), (62, 16436), (67, 16463), (77, 16526), (83, 16589), (88, 16634), (93, 16676), (98, 16760), (133, 17027), (143, 17078), (150, 17123), (159, 17201), (166, 17234), (168, 17240), (172, 17261), (192, 17408), (195, 17429), (198, 17453), (210, 17519), (213, 17573), (219, 17621), (229, 17687), (242, 17852), (243, 17870), (258, 17996), (274, 18248), (275, 18251), (276, 18260), (282, 18320), (291, 18416), (294, 18464),

Gene: Niza_26 Start: 17422, Stop: 19890, Start Num: 5

Candidate Starts for Niza_26:

(Start: 5 @17422 has 150 MA's), (6, 17437), (20, 17551), (22, 17572), (26, 17593), (30, 17623), (35, 17647), (37, 17668), (42, 17713), (48, 17740), (77, 17911), (80, 17944), (86, 18010), (108, 18265), (110, 18286), (116, 18313), (145, 18472), (150, 18508), (162, 18601), (169, 18622), (182, 18679), (193, 18799), (199, 18835), (203, 18865), (211, 18901), (215, 18967), (217, 18988), (235, 19129), (248, 19270), (251, 19291), (263, 19426), (272, 19603), (282, 19714), (289, 19801), (292, 19840), (293, 19855),

Gene: Noelle_25 Start: 15938, Stop: 18538, Start Num: 2

Candidate Starts for Noelle_25:

(Start: 2 @15938 has 121 MA's), (36, 16328), (58, 16457), (62, 16490), (64, 16505), (67, 16517), (77, 16580), (88, 16688), (94, 16739), (99, 16823), (139, 17108), (141, 17120), (143, 17132), (150, 17177), (159, 17255), (166, 17288), (168, 17294), (187, 17426), (192, 17462), (199, 17510), (213, 17627), (219, 17675), (224, 17708), (229, 17741), (230, 17759), (242, 17906), (243, 17924), (258, 18050), (267, 18140), (275, 18305), (276, 18314), (282, 18374), (283, 18383), (285, 18419), (288, 18437), (291, 18470), (294, 18518),

Gene: NorthStar_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for NorthStar_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Norz_26 Start: 17066, Stop: 19726, Start Num: 5

Candidate Starts for Norz_26:

(Start: 5 @17066 has 150 MA's), (9, 17105), (16, 17168), (17, 17174), (20, 17198), (25, 17240), (64, 17474), (77, 17549), (83, 17612), (88, 17657), (92, 17681), (96, 17756), (97, 17768), (128, 18089), (165, 18419), (174, 18470), (180, 18497), (202, 18701), (217, 18824), (220, 18845), (224, 18866), (235, 18965), (237, 19007), (252, 19139), (259, 19223), (265, 19268), (282, 19550), (287, 19616), (289, 19637), (292, 19676), (293, 19691),

Gene: NotAPhaseMom_25 Start: 16030, Stop: 18489, Start Num: 4

Candidate Starts for NotAPhaseMom_25:

(Start: 2 @15889 has 121 MA's), (Start: 4 @16030 has 22 MA's), (Start: 5 @16048 has 150 MA's), (33, 16255), (38, 16294), (40, 16324), (62, 16441), (67, 16468), (77, 16531), (83, 16594), (88, 16639), (93, 16681), (98, 16765), (133, 17032), (143, 17083), (150, 17128), (159, 17206), (166, 17239), (168, 17245), (172, 17266), (192, 17413), (195, 17434), (198, 17458), (210, 17524), (213, 17578), (219, 17626), (229, 17692), (242, 17857), (243, 17875), (258, 18001), (274, 18253), (275, 18256), (276, 18265), (282, 18325), (291, 18421), (294, 18469),

Gene: Nyxis_25 Start: 15969, Stop: 18428, Start Num: 4

Candidate Starts for Nyxis_25:

(Start: 2 @15828 has 121 MA's), (Start: 4 @15969 has 22 MA's), (Start: 5 @15987 has 150 MA's), (33, 16194), (38, 16233), (40, 16263), (62, 16380), (67, 16407), (77, 16470), (83, 16533), (88, 16578), (93, 16620), (98, 16704), (133, 16971), (143, 17022), (150, 17067), (159, 17145), (168, 17184), (172, 17205), (192, 17352), (195, 17373), (198, 17397), (209, 17457), (210, 17463), (211, 17466), (213, 17517), (219, 17565), (229, 17631), (242, 17796), (243, 17814), (258, 17940), (274, 18192), (275, 18195), (276, 18204), (282, 18264), (291, 18360), (294, 18408),

Gene: OKCentral2016_25 Start: 15565, Stop: 18123, Start Num: 5

Candidate Starts for OKCentral2016_25:

(1, 15157), (Start: 2 @15388 has 121 MA's), (Start: 5 @15565 has 150 MA's), (7, 15586), (10, 15610), (11, 15616), (13, 15640), (14, 15643), (15, 15652), (21, 15691), (22, 15700), (23, 15706), (27, 15730), (35, 15775), (39, 15817), (45, 15850), (46, 15859), (56, 15913), (64, 15967), (66, 15976), (69, 16000), (73, 16021), (84, 16126), (86, 16168), (111, 16480), (112, 16483), (114, 16495), (146, 16696), (158, 16816), (166, 16861), (167, 16864), (168, 16867), (172, 16888), (173, 16891), (181, 16936), (192, 17044), (195, 17065), (204, 17125), (211, 17158), (214, 17221), (226, 17299), (229, 17323), (235, 17398), (239, 17464), (242, 17488), (243, 17506), (246, 17542), (252, 17572), (256, 17614), (257, 17626), (258, 17638), (261, 17674), (262, 17686), (276, 17899), (277, 17911), (279, 17935), (282, 17959), (291, 18055), (294, 18103),

Gene: OKaNui_26 Start: 15938, Stop: 18538, Start Num: 2

Candidate Starts for OKaNui_26:

(Start: 2 @15938 has 121 MA's), (Start: 4 @16079 has 22 MA's), (Start: 5 @16097 has 150 MA's), (33, 16304), (38, 16343), (40, 16373), (62, 16490), (67, 16517), (77, 16580), (83, 16643), (88, 16688), (93, 16730), (98, 16814), (133, 17081), (143, 17132), (150, 17177), (159, 17255), (168, 17294), (192, 17462), (195, 17483), (198, 17507), (210, 17573), (213, 17627), (219, 17675), (229, 17741), (242, 17906), (243, 17924), (258, 18050), (274, 18302), (275, 18305), (276, 18314), (282, 18374), (291, 18470), (294, 18518),

Gene: Obama12_26 Start: 16339, Stop: 18798, Start Num: 4

Candidate Starts for Obama12_26:

(Start: 2 @16198 has 121 MA's), (Start: 4 @16339 has 22 MA's), (Start: 5 @16357 has 150 MA's), (24, 16513), (33, 16564), (40, 16633), (62, 16750), (67, 16777), (77, 16840), (83, 16903), (88, 16948), (93, 16990), (98, 17074), (121, 17281), (133, 17341), (143, 17392), (150, 17437), (159, 17515), (166, 17548), (168, 17554), (192, 17722), (195, 17743), (198, 17767), (209, 17827), (210, 17833), (211, 17836), (213, 17887), (219, 17935), (229, 18001), (242, 18166), (243, 18184), (258, 18310), (274, 18562), (275, 18565), (276, 18574), (281, 18631), (282, 18634), (285, 18679), (291, 18730), (294, 18778),

Gene: Ohfah_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Ohfah_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (172, 17259), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (285, 18363), (291, 18414), (294, 18462),

Gene: Ohno789_24 Start: 16219, Stop: 18690, Start Num: 5

Candidate Starts for Ohno789_24:

(Start: 5 @16219 has 150 MA's), (9, 16258), (16, 16321), (20, 16351), (22, 16372), (26, 16393), (27, 16405), (30, 16423), (42, 16513), (77, 16711), (80, 16744), (86, 16810), (108, 17065), (110, 17086), (116, 17113), (145, 17272), (150, 17308), (162, 17401), (169, 17422), (182, 17479), (193, 17599),

(199, 17635), (203, 17665), (211, 17701), (215, 17767), (217, 17788), (235, 17929), (248, 18070), (251, 18091), (263, 18226), (272, 18403), (282, 18514), (289, 18601), (292, 18640), (293, 18655),

Gene: PSullivan_26 Start: 16832, Stop: 19303, Start Num: 5

Candidate Starts for PSullivan_26:

(Start: 5 @16832 has 150 MA's), (9, 16871), (16, 16934), (20, 16964), (22, 16985), (26, 17006), (27, 17018), (30, 17036), (42, 17126), (77, 17324), (80, 17357), (86, 17423), (108, 17678), (110, 17699), (116, 17726), (145, 17885), (150, 17921), (162, 18014), (169, 18035), (182, 18092), (193, 18212), (199, 18248), (203, 18278), (211, 18314), (215, 18380), (217, 18401), (235, 18542), (248, 18683), (251, 18704), (263, 18839), (272, 19016), (282, 19127), (287, 19193), (289, 19214), (292, 19253), (293, 19268),

Gene: PacerPaul_24 Start: 16642, Stop: 19113, Start Num: 5

Candidate Starts for PacerPaul_24:

(Start: 5 @16642 has 150 MA's), (9, 16681), (16, 16744), (20, 16774), (22, 16795), (26, 16816), (30, 16846), (35, 16870), (42, 16936), (77, 17134), (80, 17167), (86, 17233), (108, 17488), (110, 17509), (116, 17536), (145, 17695), (150, 17731), (162, 17824), (169, 17845), (171, 17860), (176, 17881), (177, 17884), (186, 17953), (190, 17989), (193, 18022), (199, 18058), (203, 18088), (211, 18124), (215, 18190), (217, 18211), (235, 18352), (248, 18493), (251, 18514), (263, 18649), (272, 18826), (282, 18937), (287, 19003), (289, 19024), (292, 19063), (293, 19078),

Gene: Palestino_24 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Palestino_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (186, 17355), (192, 17409), (198, 17454), (209, 17514), (212, 17532), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Pari_25 Start: 16564, Stop: 18564, Start Num: 5

Candidate Starts for Pari_25:

(Start: 5 @16564 has 150 MA's), (9, 16603), (16, 16666), (20, 16696), (22, 16717), (33, 16777), (47, 16873), (59, 16942), (61, 16954), (77, 17050), (80, 17083), (102, 17317), (151, 17605), (178, 17707), (181, 17719), (189, 17797), (193, 17839), (201, 17893), (203, 17905), (207, 17920), (210, 17938), (212, 17950), (217, 18028), (222, 18058), (232, 18154), (254, 18364), (268, 18514),

Gene: Parliament_23 Start: 16450, Stop: 18921, Start Num: 5

Candidate Starts for Parliament_23:

(Start: 5 @16450 has 150 MA's), (9, 16489), (16, 16552), (20, 16582), (22, 16603), (26, 16624), (30, 16654), (35, 16678), (42, 16744), (77, 16942), (80, 16975), (86, 17041), (108, 17296), (110, 17317), (116, 17344), (145, 17503), (150, 17539), (162, 17632), (169, 17653), (182, 17710), (193, 17830), (199, 17866), (203, 17896), (211, 17932), (215, 17998), (217, 18019), (235, 18160), (248, 18301), (251, 18322), (263, 18457), (272, 18634), (282, 18745), (287, 18811), (289, 18832), (292, 18871), (294, 18901),

Gene: PascalRango_23 Start: 16002, Stop: 18614, Start Num: 5

Candidate Starts for PascalRango_23:

(Start: 5 @16002 has 150 MA's), (6, 16017), (16, 16101), (17, 16107), (20, 16131), (37, 16239), (67, 16410), (76, 16470), (77, 16473), (89, 16596), (93, 16626), (96, 16689), (117, 16908), (124, 16980), (131, 17028), (138, 17073), (163, 17298), (165, 17307), (173, 17343), (174, 17358), (180, 17385), (202, 17589), (216, 17703), (217, 17712), (220, 17733), (224, 17754), (235, 17853), (236, 17874), (237, 17895), (238, 17898), (252, 18027), (259, 18111), (265, 18156), (282, 18438), (287, 18504),

(289, 18525), (292, 18564), (293, 18579),

Gene: PattyP_26 Start: 16629, Stop: 19100, Start Num: 5

Candidate Starts for PattyP_26:

(Start: 5 @16629 has 150 MA's), (9, 16668), (16, 16731), (20, 16761), (22, 16782), (26, 16803), (27, 16815), (30, 16833), (35, 16857), (42, 16923), (77, 17121), (80, 17154), (86, 17220), (108, 17475), (110, 17496), (116, 17523), (145, 17682), (150, 17718), (162, 17811), (169, 17832), (182, 17889), (193, 18009), (199, 18045), (203, 18075), (211, 18111), (215, 18177), (217, 18198), (235, 18339), (248, 18480), (251, 18501), (263, 18636), (272, 18813), (282, 18924), (287, 18990), (289, 19011), (292, 19050), (293, 19065),

Gene: Payneful_24 Start: 15902, Stop: 18370, Start Num: 5

Candidate Starts for Payneful_24:

(Start: 5 @15902 has 150 MA's), (6, 15917), (20, 16031), (22, 16052), (26, 16073), (30, 16103), (42, 16193), (77, 16391), (80, 16424), (86, 16490), (108, 16745), (110, 16766), (116, 16793), (145, 16952), (150, 16988), (162, 17081), (169, 17102), (171, 17117), (176, 17138), (177, 17141), (186, 17210), (190, 17246), (193, 17279), (199, 17315), (203, 17345), (211, 17381), (215, 17447), (217, 17468), (235, 17609), (248, 17750), (251, 17771), (263, 17906), (272, 18083), (282, 18194), (287, 18260), (289, 18281), (292, 18320), (294, 18350),

Gene: PeaceMeal1_24 Start: 13789, Stop: 16521, Start Num: 2

Candidate Starts for PeaceMeal1_24:

(Start: 2 @13789 has 121 MA's), (Start: 5 @13966 has 150 MA's), (13, 14041), (15, 14053), (39, 14215), (41, 14236), (45, 14248), (50, 14278), (56, 14311), (63, 14356), (66, 14374), (68, 14389), (69, 14398), (73, 14419), (84, 14524), (86, 14566), (100, 14731), (114, 14893), (117, 14920), (146, 15097), (153, 15142), (158, 15217), (167, 15265), (168, 15268), (172, 15289), (173, 15292), (181, 15337), (188, 15412), (189, 15415), (191, 15436), (194, 15460), (204, 15526), (210, 15556), (212, 15568), (218, 15655), (221, 15670), (229, 15724), (235, 15799), (240, 15877), (242, 15889), (243, 15907), (247, 15946), (251, 15958), (252, 15970), (256, 16012), (257, 16024), (258, 16036), (259, 16051), (261, 16072), (262, 16084), (276, 16297), (282, 16357), (285, 16402), (291, 16453), (294, 16501),

Gene: Peaches_25 Start: 15884, Stop: 18484, Start Num: 2

Candidate Starts for Peaches_25:

(Start: 2 @15884 has 121 MA's), (Start: 4 @16025 has 22 MA's), (Start: 5 @16043 has 150 MA's), (33, 16250), (38, 16289), (40, 16319), (62, 16436), (67, 16463), (77, 16526), (83, 16589), (88, 16634), (93, 16676), (98, 16760), (133, 17027), (143, 17078), (150, 17123), (159, 17201), (166, 17234), (168, 17240), (183, 17336), (184, 17345), (192, 17408), (195, 17429), (199, 17456), (209, 17513), (210, 17519), (213, 17573), (219, 17621), (229, 17687), (242, 17852), (243, 17870), (258, 17996), (274, 18248), (275, 18251), (276, 18260), (282, 18320), (291, 18416), (294, 18464),

Gene: Pelly_25 Start: 16859, Stop: 19519, Start Num: 5

Candidate Starts for Pelly_25:

(Start: 5 @16859 has 150 MA's), (9, 16898), (16, 16961), (17, 16967), (20, 16991), (25, 17033), (77, 17342), (83, 17405), (88, 17450), (92, 17474), (96, 17549), (97, 17561), (128, 17882), (165, 18212), (174, 18263), (180, 18290), (202, 18494), (216, 18608), (217, 18617), (220, 18638), (224, 18659), (235, 18758), (237, 18800), (238, 18803), (252, 18932), (259, 19016), (265, 19061), (282, 19343), (289, 19430), (292, 19469), (293, 19484),

Gene: Pepe_25 Start: 16870, Stop: 19701, Start Num: 5

Candidate Starts for Pepe_25:

(Start: 5 @16870 has 150 MA's), (6, 16885), (44, 17182), (54, 17242), (70, 17362), (72, 17380), (81, 17473), (86, 17518), (87, 17521), (93, 17569), (105, 17752), (107, 17779), (115, 17863), (119, 17920), (120, 17938), (122, 17947), (129, 18019), (132, 18037), (136, 18079), (137, 18082), (142, 18127),

(148, 18190), (149, 18193), (160, 18310), (164, 18346), (170, 18373), (173, 18385), (175, 18403), (179, 18418), (185, 18481), (197, 18610), (200, 18655), (206, 18688), (208, 18700), (222, 18829), (233, 18925), (241, 19012), (242, 19015), (243, 19033), (263, 19237), (272, 19414), (282, 19525), (289, 19612), (292, 19651), (293, 19666),

Gene: Perplexer_25 Start: 15879, Stop: 18479, Start Num: 2

Candidate Starts for Perplexer_25:

(Start: 2 @15879 has 121 MA's), (28, 16221), (36, 16269), (43, 16326), (62, 16431), (64, 16446), (67, 16458), (77, 16521), (88, 16629), (90, 16650), (93, 16671), (133, 17022), (143, 17073), (150, 17118), (166, 17229), (168, 17235), (183, 17331), (187, 17367), (192, 17403), (199, 17451), (213, 17568), (229, 17682), (242, 17847), (243, 17865), (257, 17979), (258, 17991), (267, 18081), (270, 18174), (275, 18246), (276, 18255), (282, 18315), (283, 18324), (288, 18378), (291, 18411), (294, 18459),

Gene: PeterPeter_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for PeterPeter_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Peterson_27 Start: 18069, Stop: 20729, Start Num: 5

Candidate Starts for Peterson_27:

(Start: 5 @18069 has 150 MA's), (9, 18108), (16, 18171), (17, 18177), (20, 18201), (25, 18243), (77, 18552), (88, 18660), (92, 18684), (96, 18759), (97, 18771), (128, 19092), (165, 19422), (174, 19473), (180, 19500), (202, 19704), (216, 19818), (217, 19827), (220, 19848), (224, 19869), (235, 19968), (237, 20010), (238, 20013), (252, 20142), (259, 20226), (265, 20271), (282, 20553), (289, 20640), (292, 20679), (293, 20694),

Gene: PetiteSangsue_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for PetiteSangsue_25:

(Start: 2 @15885 has 121 MA's), (28, 16227), (36, 16275), (43, 16332), (62, 16437), (64, 16452), (67, 16464), (77, 16527), (88, 16635), (90, 16656), (93, 16677), (133, 17028), (143, 17079), (150, 17124), (166, 17235), (168, 17241), (183, 17337), (187, 17373), (192, 17409), (199, 17457), (213, 17574), (229, 17688), (242, 17853), (243, 17871), (257, 17985), (258, 17997), (267, 18087), (270, 18180), (275, 18252), (276, 18261), (282, 18321), (283, 18330), (291, 18417), (294, 18465),

Gene: Petp2012_26 Start: 17297, Stop: 19771, Start Num: 5

Candidate Starts for Petp2012_26:

(Start: 5 @17297 has 150 MA's), (9, 17336), (16, 17399), (20, 17429), (22, 17450), (47, 17606), (61, 17687), (77, 17783), (80, 17816), (86, 17882), (123, 18218), (135, 18290), (156, 18437), (166, 18482), (171, 18506), (190, 18635), (203, 18734), (215, 18836), (217, 18857), (223, 18899), (235, 18998), (239, 19061), (249, 19151), (260, 19280), (264, 19313), (282, 19595), (287, 19661), (289, 19682), (292, 19721), (293, 19736),

Gene: Petrucchio_24 Start: 16327, Stop: 18795, Start Num: 5

Candidate Starts for Petrucchio_24:

(Start: 5 @16327 has 150 MA's), (9, 16366), (16, 16429), (20, 16459), (22, 16480), (26, 16501), (27, 16513), (30, 16531), (37, 16576), (42, 16621), (77, 16816), (80, 16849), (86, 16915), (108, 17170), (110, 17191), (116, 17218), (121, 17257), (130, 17314), (139, 17344), (145, 17377), (150, 17413), (162, 17506), (169, 17527), (182, 17584), (193, 17704), (199, 17740), (203, 17770), (211, 17806), (215, 17872), (217, 17893), (235, 18034), (248, 18175), (251, 18196), (263, 18331), (282, 18619),

(289, 18706), (292, 18745),

Gene: Phacado_25 Start: 15884, Stop: 18484, Start Num: 2

Candidate Starts for Phacado_25:

(Start: 2 @15884 has 121 MA's), (Start: 4 @16025 has 22 MA's), (Start: 5 @16043 has 150 MA's), (33, 16250), (38, 16289), (40, 16319), (62, 16436), (67, 16463), (77, 16526), (83, 16589), (88, 16634), (93, 16676), (98, 16760), (133, 17027), (143, 17078), (150, 17123), (159, 17201), (166, 17234), (168, 17240), (172, 17261), (192, 17408), (195, 17429), (198, 17453), (210, 17519), (213, 17573), (219, 17621), (229, 17687), (242, 17852), (243, 17870), (258, 17996), (274, 18248), (275, 18251), (276, 18260), (282, 18320), (291, 18416), (294, 18464),

Gene: Phelipe_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Phelipe_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (48, 16356), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: PherrisBueller_25 Start: 16235, Stop: 18706, Start Num: 5

Candidate Starts for PherrisBueller_25:

(Start: 5 @16235 has 150 MA's), (9, 16274), (16, 16337), (20, 16367), (22, 16388), (26, 16409), (30, 16439), (35, 16463), (42, 16529), (77, 16727), (80, 16760), (86, 16826), (108, 17081), (110, 17102), (116, 17129), (145, 17288), (150, 17324), (162, 17417), (169, 17438), (182, 17495), (193, 17615), (199, 17651), (203, 17681), (211, 17717), (215, 17783), (217, 17804), (235, 17945), (248, 18086), (251, 18107), (263, 18242), (272, 18419), (282, 18530), (289, 18617), (292, 18656), (294, 18686),

Gene: Phighter1804_25 Start: 15863, Stop: 18463, Start Num: 2

Candidate Starts for Phighter1804_25:

(Start: 2 @15863 has 121 MA's), (Start: 4 @16004 has 22 MA's), (Start: 5 @16022 has 150 MA's), (33, 16229), (40, 16298), (62, 16415), (67, 16442), (77, 16505), (83, 16568), (88, 16613), (93, 16655), (98, 16739), (121, 16946), (133, 17006), (143, 17057), (150, 17102), (159, 17180), (166, 17213), (168, 17219), (186, 17333), (192, 17387), (198, 17432), (209, 17492), (213, 17552), (229, 17666), (230, 17684), (242, 17831), (243, 17849), (258, 17975), (274, 18227), (275, 18230), (276, 18239), (281, 18296), (282, 18299), (285, 18344), (291, 18395), (294, 18443),

Gene: PhineBark_24 Start: 17126, Stop: 19597, Start Num: 5

Candidate Starts for PhineBark_24:

(Start: 5 @17126 has 150 MA's), (9, 17165), (16, 17228), (20, 17258), (22, 17279), (26, 17300), (30, 17330), (35, 17354), (42, 17420), (77, 17618), (80, 17651), (86, 17717), (108, 17972), (110, 17993), (116, 18020), (145, 18179), (150, 18215), (162, 18308), (169, 18329), (182, 18386), (193, 18506), (199, 18542), (203, 18572), (211, 18608), (215, 18674), (217, 18695), (235, 18836), (248, 18977), (251, 18998), (263, 19133), (272, 19310), (282, 19421), (287, 19487), (289, 19508), (292, 19547), (293, 19562),

Gene: Phlippers_23 Start: 17321, Stop: 19900, Start Num: 5

Candidate Starts for Phlippers_23:

(Start: 5 @17321 has 150 MA's), (9, 17360), (16, 17423), (20, 17453), (53, 17672), (60, 17708), (83, 17876), (88, 17921), (91, 17945), (93, 17963), (126, 18275), (144, 18431), (154, 18533), (157, 18566), (172, 18638), (182, 18677), (190, 18764), (203, 18863), (215, 18965), (217, 18986), (219, 18998), (223, 19028), (235, 19127), (239, 19190), (249, 19280), (260, 19409), (264, 19442), (272, 19613), (282, 19724), (287, 19790), (289, 19811), (292, 19850), (294, 19880),

Gene: Phontbonne_25 Start: 15829, Stop: 18429, Start Num: 2

Candidate Starts for Phontbonne_25:

(Start: 2 @15829 has 121 MA's), (Start: 4 @15970 has 22 MA's), (Start: 5 @15988 has 150 MA's), (33, 16195), (38, 16234), (40, 16264), (62, 16381), (67, 16408), (77, 16471), (83, 16534), (88, 16579), (93, 16621), (98, 16705), (121, 16912), (133, 16972), (143, 17023), (150, 17068), (159, 17146), (166, 17179), (168, 17185), (192, 17353), (195, 17374), (198, 17398), (209, 17458), (210, 17464), (211, 17467), (213, 17518), (219, 17566), (229, 17632), (242, 17797), (243, 17815), (258, 17941), (274, 18193), (275, 18196), (276, 18205), (282, 18265), (291, 18361), (294, 18409),

Gene: PinkPlastic_23 Start: 16163, Stop: 18640, Start Num: 5

Candidate Starts for PinkPlastic_23:

(Start: 5 @16163 has 150 MA's), (9, 16202), (16, 16265), (18, 16283), (20, 16295), (22, 16316), (32, 16376), (47, 16472), (59, 16541), (61, 16553), (77, 16649), (80, 16682), (140, 17183), (155, 17285), (161, 17324), (162, 17339), (166, 17351), (171, 17375), (190, 17504), (203, 17603), (215, 17705), (217, 17726), (223, 17768), (235, 17867), (239, 17930), (249, 18020), (260, 18149), (264, 18182), (282, 18464), (287, 18530), (289, 18551), (292, 18590), (293, 18605),

Gene: Pinto_26 Start: 16466, Stop: 18934, Start Num: 5

Candidate Starts for Pinto_26:

(Start: 5 @16466 has 150 MA's), (6, 16481), (20, 16595), (22, 16616), (26, 16637), (30, 16667), (35, 16691), (37, 16712), (42, 16757), (77, 16955), (80, 16988), (86, 17054), (108, 17309), (110, 17330), (116, 17357), (145, 17516), (150, 17552), (162, 17645), (169, 17666), (171, 17681), (176, 17702), (177, 17705), (186, 17774), (190, 17810), (193, 17843), (199, 17879), (203, 17909), (211, 17945), (215, 18011), (217, 18032), (235, 18173), (248, 18314), (251, 18335), (263, 18470), (272, 18647), (282, 18758), (287, 18824), (289, 18845), (292, 18884),

Gene: Pipcraft_25 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Pipcraft_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Pippin_26 Start: 16733, Stop: 19204, Start Num: 5

Candidate Starts for Pippin_26:

(Start: 5 @16733 has 150 MA's), (9, 16772), (16, 16835), (20, 16865), (22, 16886), (26, 16907), (27, 16919), (30, 16937), (35, 16961), (57, 17099), (62, 17135), (77, 17225), (80, 17258), (86, 17324), (108, 17579), (110, 17600), (116, 17627), (117, 17642), (130, 17723), (145, 17786), (150, 17822), (162, 17915), (169, 17936), (171, 17951), (176, 17972), (177, 17975), (186, 18044), (190, 18080), (193, 18113), (199, 18149), (203, 18179), (211, 18215), (215, 18281), (217, 18302), (235, 18443), (248, 18584), (251, 18605), (263, 18740), (272, 18917), (282, 19028), (287, 19094), (289, 19115), (292, 19154), (293, 19169),

Gene: Pita2_26 Start: 16832, Stop: 19303, Start Num: 5

Candidate Starts for Pita2_26:

(Start: 5 @16832 has 150 MA's), (9, 16871), (16, 16934), (20, 16964), (22, 16985), (26, 17006), (27, 17018), (30, 17036), (42, 17126), (77, 17324), (80, 17357), (86, 17423), (108, 17678), (110, 17699), (116, 17726), (145, 17885), (150, 17921), (162, 18014), (169, 18035), (182, 18092), (193, 18212), (199, 18248), (203, 18278), (211, 18314), (215, 18380), (217, 18401), (235, 18542), (248, 18683), (251, 18704), (263, 18839), (272, 19016), (282, 19127), (287, 19193), (289, 19214), (292, 19253),

(293, 19268),

Gene: Polymorphads_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Polymorphads_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (121, 16965), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Poompha_24 Start: 13787, Stop: 16519, Start Num: 2

Candidate Starts for Poompha_24:

(Start: 2 @13787 has 121 MA's), (Start: 5 @13964 has 150 MA's), (13, 14039), (15, 14051), (39, 14213), (41, 14234), (45, 14246), (50, 14276), (56, 14309), (63, 14354), (66, 14372), (68, 14387), (69, 14396), (73, 14417), (84, 14522), (86, 14564), (100, 14729), (114, 14891), (117, 14918), (146, 15095), (153, 15140), (158, 15215), (167, 15263), (168, 15266), (172, 15287), (173, 15290), (181, 15335), (188, 15410), (189, 15413), (191, 15434), (194, 15458), (204, 15524), (210, 15554), (212, 15566), (214, 15620), (218, 15653), (221, 15668), (229, 15722), (235, 15797), (240, 15875), (242, 15887), (243, 15905), (247, 15944), (251, 15956), (252, 15968), (256, 16010), (257, 16022), (258, 16034), (259, 16049), (261, 16070), (262, 16082), (276, 16295), (282, 16355), (285, 16400), (291, 16451), (294, 16499),

Gene: ProMouse_23 Start: 16852, Stop: 19323, Start Num: 5

Candidate Starts for ProMouse_23:

(Start: 5 @16852 has 150 MA's), (9, 16891), (16, 16954), (20, 16984), (22, 17005), (26, 17026), (30, 17056), (33, 17068), (35, 17080), (42, 17146), (77, 17344), (80, 17377), (86, 17443), (108, 17698), (110, 17719), (116, 17746), (145, 17905), (150, 17941), (162, 18034), (169, 18055), (171, 18070), (176, 18091), (177, 18094), (186, 18163), (190, 18199), (193, 18232), (199, 18268), (203, 18298), (211, 18334), (215, 18400), (217, 18421), (223, 18463), (235, 18562), (248, 18703), (251, 18724), (263, 18859), (272, 19036), (282, 19147), (289, 19234), (292, 19273), (293, 19288),

Gene: Pumbaa_25 Start: 15860, Stop: 18460, Start Num: 2

Candidate Starts for Pumbaa_25:

(Start: 2 @15860 has 121 MA's), (Start: 4 @16001 has 22 MA's), (Start: 5 @16019 has 150 MA's), (33, 16226), (38, 16265), (40, 16295), (62, 16412), (67, 16439), (77, 16502), (83, 16565), (88, 16610), (93, 16652), (98, 16736), (133, 17003), (143, 17054), (150, 17099), (159, 17177), (168, 17216), (186, 17330), (192, 17384), (198, 17429), (209, 17489), (212, 17507), (213, 17549), (219, 17597), (229, 17663), (242, 17828), (243, 17846), (258, 17972), (274, 18224), (275, 18227), (276, 18236), (282, 18296), (291, 18392), (294, 18440),

Gene: QTRlifeCrisis_24 Start: 16800, Stop: 19460, Start Num: 5

Candidate Starts for QTRlifeCrisis_24:

(Start: 5 @16800 has 150 MA's), (9, 16839), (16, 16902), (17, 16908), (20, 16932), (25, 16974), (77, 17283), (83, 17346), (88, 17391), (92, 17415), (96, 17490), (97, 17502), (113, 17676), (128, 17823), (165, 18153), (174, 18204), (180, 18231), (202, 18435), (216, 18549), (217, 18558), (220, 18579), (224, 18600), (235, 18699), (237, 18741), (238, 18744), (252, 18873), (259, 18957), (265, 19002), (282, 19284), (289, 19371), (292, 19410), (293, 19425),

Gene: Raid_25 Start: 16078, Stop: 18909, Start Num: 5

Candidate Starts for Raid_25:

(Start: 5 @16078 has 150 MA's), (6, 16093), (44, 16390), (46, 16405), (54, 16450), (70, 16570), (72, 16588), (78, 16636), (81, 16681), (86, 16726), (87, 16729), (93, 16777), (105, 16960), (107, 16987),

(115, 17071), (119, 17128), (120, 17146), (127, 17191), (129, 17227), (134, 17269), (136, 17287), (142, 17335), (148, 17398), (149, 17401), (160, 17518), (164, 17554), (170, 17581), (173, 17593), (175, 17611), (179, 17626), (185, 17689), (197, 17818), (200, 17863), (206, 17896), (208, 17908), (222, 18037), (233, 18133), (241, 18220), (242, 18223), (243, 18241), (251, 18310), (263, 18445), (272, 18622), (282, 18733), (289, 18820), (292, 18859), (293, 18874),

Gene: Rajelicia_24 Start: 16599, Stop: 18599, Start Num: 5

Candidate Starts for Rajelicia_24:

(Start: 5 @16599 has 150 MA's), (9, 16638), (16, 16701), (20, 16731), (22, 16752), (33, 16812), (47, 16908), (54, 16947), (59, 16977), (61, 16989), (77, 17085), (80, 17118), (102, 17352), (139, 17577), (151, 17640), (178, 17742), (181, 17754), (189, 17832), (193, 17874), (201, 17928), (203, 17940), (207, 17955), (210, 17973), (212, 17985), (217, 18063), (222, 18093), (228, 18138), (232, 18189), (254, 18399), (268, 18549),

Gene: Rebeuca_26 Start: 15880, Stop: 18621, Start Num: 2

Candidate Starts for Rebeuca_26:

(Start: 2 @15880 has 121 MA's), (Start: 5 @16057 has 150 MA's), (7, 16078), (14, 16135), (19, 16183), (22, 16204), (23, 16210), (27, 16234), (29, 16249), (35, 16279), (45, 16354), (46, 16363), (55, 16414), (56, 16417), (66, 16480), (68, 16495), (71, 16516), (73, 16525), (84, 16630), (86, 16672), (117, 17026), (146, 17194), (158, 17314), (166, 17359), (167, 17362), (168, 17365), (172, 17386), (173, 17389), (181, 17434), (192, 17542), (195, 17563), (196, 17575), (204, 17623), (211, 17656), (214, 17719), (226, 17797), (229, 17821), (235, 17896), (239, 17962), (242, 17986), (243, 18004), (252, 18070), (255, 18100), (257, 18124), (258, 18136), (259, 18151), (261, 18172), (262, 18184), (276, 18397), (279, 18433), (281, 18454), (282, 18457), (291, 18553), (294, 18601),

Gene: Relief_25 Start: 15883, Stop: 18483, Start Num: 2

Candidate Starts for Relief_25:

(Start: 2 @15883 has 121 MA's), (Start: 4 @16024 has 22 MA's), (Start: 5 @16042 has 150 MA's), (33, 16249), (38, 16288), (40, 16318), (62, 16435), (67, 16462), (77, 16525), (83, 16588), (88, 16633), (93, 16675), (98, 16759), (133, 17026), (143, 17077), (150, 17122), (159, 17200), (168, 17239), (192, 17407), (195, 17428), (198, 17452), (210, 17518), (213, 17572), (219, 17620), (229, 17686), (242, 17851), (243, 17869), (258, 17995), (274, 18247), (275, 18250), (276, 18259), (282, 18319), (291, 18415), (294, 18463),

Gene: RhynO_26 Start: 16026, Stop: 18581, Start Num: 5

Candidate Starts for RhynO_26:

(Start: 2 @15849 has 121 MA's), (Start: 5 @16026 has 150 MA's), (7, 16047), (14, 16104), (28, 16200), (29, 16209), (45, 16314), (49, 16341), (56, 16377), (68, 16455), (69, 16464), (73, 16485), (77, 16512), (84, 16590), (86, 16632), (100, 16797), (112, 16947), (114, 16959), (146, 17154), (158, 17274), (166, 17319), (167, 17322), (168, 17325), (172, 17346), (173, 17349), (181, 17394), (183, 17430), (186, 17448), (188, 17469), (192, 17502), (211, 17616), (214, 17679), (226, 17757), (229, 17781), (235, 17856), (239, 17922), (242, 17946), (243, 17964), (255, 18060), (257, 18084), (258, 18096), (259, 18111), (261, 18132), (262, 18144), (276, 18357), (279, 18393), (281, 18414), (282, 18417), (291, 18513), (294, 18561),

Gene: Ringer_24 Start: 16730, Stop: 19561, Start Num: 5

Candidate Starts for Ringer_24:

(Start: 5 @16730 has 150 MA's), (6, 16745), (44, 17042), (46, 17057), (54, 17102), (70, 17222), (72, 17240), (78, 17288), (81, 17333), (86, 17378), (87, 17381), (93, 17429), (105, 17612), (107, 17639), (115, 17723), (119, 17780), (120, 17798), (127, 17843), (129, 17879), (136, 17939), (142, 17987), (148, 18050), (149, 18053), (160, 18170), (164, 18206), (170, 18233), (173, 18245), (175, 18263), (179, 18278), (185, 18341), (197, 18470), (200, 18515), (206, 18548), (208, 18560), (222, 18689), (233, 18785), (241, 18872), (242, 18875), (243, 18893), (263, 19097), (272, 19274), (282, 19385),

(289, 19472), (292, 19511), (294, 19541),

Gene: Rohr_25 Start: 16604, Stop: 19084, Start Num: 5

Candidate Starts for Rohr_25:

(Start: 5 @16604 has 150 MA's), (9, 16643), (16, 16706), (20, 16736), (26, 16778), (59, 16985), (62, 17003), (77, 17093), (83, 17156), (85, 17180), (86, 17192), (93, 17243), (140, 17627), (155, 17729), (161, 17768), (162, 17783), (166, 17795), (171, 17819), (190, 17948), (203, 18047), (215, 18149), (217, 18170), (223, 18212), (235, 18311), (239, 18374), (249, 18464), (260, 18593), (264, 18626), (282, 18908), (287, 18974), (289, 18995), (292, 19034), (293, 19049),

Gene: Romney_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Romney_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (183, 17337), (184, 17346), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Roosevelt_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Roosevelt_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (183, 17337), (184, 17346), (192, 17409), (195, 17430), (199, 17457), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Rosa24_24 Start: 16016, Stop: 18457, Start Num: 5

Candidate Starts for Rosa24_24:

(Start: 2 @15857 has 121 MA's), (Start: 4 @15998 has 22 MA's), (Start: 5 @16016 has 150 MA's), (24, 16172), (33, 16223), (38, 16262), (40, 16292), (62, 16409), (67, 16436), (77, 16499), (83, 16562), (88, 16607), (93, 16649), (98, 16733), (133, 17000), (143, 17051), (150, 17096), (159, 17174), (166, 17207), (168, 17213), (186, 17327), (192, 17381), (198, 17426), (209, 17486), (213, 17546), (229, 17660), (242, 17825), (243, 17843), (258, 17969), (274, 18221), (275, 18224), (276, 18233), (281, 18290), (282, 18293), (285, 18338), (291, 18389), (294, 18437),

Gene: Rowdy_29 Start: 15937, Stop: 18492, Start Num: 5

Candidate Starts for Rowdy_29:

(Start: 2 @15760 has 121 MA's), (Start: 5 @15937 has 150 MA's), (7, 15958), (14, 16015), (28, 16111), (29, 16120), (45, 16225), (49, 16252), (56, 16288), (68, 16366), (69, 16375), (73, 16396), (77, 16423), (84, 16501), (86, 16543), (100, 16708), (112, 16858), (114, 16870), (146, 17065), (158, 17185), (166, 17230), (167, 17233), (168, 17236), (172, 17257), (173, 17260), (181, 17305), (183, 17341), (186, 17359), (188, 17380), (192, 17413), (211, 17527), (214, 17590), (226, 17668), (229, 17692), (235, 17767), (239, 17833), (242, 17857), (243, 17875), (255, 17971), (257, 17995), (258, 18007), (259, 18022), (261, 18043), (262, 18055), (276, 18268), (279, 18304), (281, 18325), (282, 18328), (291, 18424), (294, 18472),

Gene: Rubeus_25 Start: 16439, Stop: 18922, Start Num: 5

Candidate Starts for Rubeus_25:

(Start: 5 @16439 has 150 MA's), (9, 16478), (16, 16541), (20, 16571), (22, 16592), (26, 16613), (30, 16643), (35, 16667), (42, 16733), (77, 16931), (80, 16964), (86, 17030), (108, 17285), (110, 17306), (116, 17333), (145, 17492), (150, 17528), (162, 17621), (169, 17642), (182, 17699), (193, 17819),

(199, 17855), (203, 17885), (211, 17921), (215, 17987), (217, 18008), (223, 18050), (235, 18149), (239, 18212), (249, 18302), (260, 18431), (264, 18464), (282, 18746), (287, 18812), (289, 18833), (292, 18872), (294, 18902),

Gene: Rufus_25 Start: 16775, Stop: 19246, Start Num: 5

Candidate Starts for Rufus_25:

(Start: 5 @16775 has 150 MA's), (9, 16814), (16, 16877), (20, 16907), (22, 16928), (26, 16949), (27, 16961), (30, 16979), (42, 17069), (77, 17267), (80, 17300), (86, 17366), (108, 17621), (110, 17642), (116, 17669), (145, 17828), (150, 17864), (162, 17957), (169, 17978), (182, 18035), (193, 18155), (199, 18191), (203, 18221), (211, 18257), (215, 18323), (217, 18344), (235, 18485), (248, 18626), (251, 18647), (263, 18782), (272, 18959), (282, 19070), (287, 19136), (289, 19157), (292, 19196), (293, 19211),

Gene: Ruin_25 Start: 15881, Stop: 18481, Start Num: 2

Candidate Starts for Ruin_25:

(Start: 2 @15881 has 121 MA's), (Start: 4 @16022 has 22 MA's), (33, 16247), (38, 16286), (40, 16316), (62, 16433), (67, 16460), (77, 16523), (83, 16586), (88, 16631), (93, 16673), (98, 16757), (133, 17024), (143, 17075), (150, 17120), (159, 17198), (168, 17237), (192, 17405), (195, 17426), (198, 17450), (210, 17516), (213, 17570), (219, 17618), (229, 17684), (242, 17849), (243, 17867), (258, 17993), (274, 18245), (275, 18248), (276, 18257), (282, 18317), (291, 18413), (294, 18461),

Gene: Sabertooth_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for Sabertooth_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (172, 17259), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Sagefire_25 Start: 17215, Stop: 19686, Start Num: 5

Candidate Starts for Sagefire_25:

(Start: 5 @17215 has 150 MA's), (9, 17254), (16, 17317), (20, 17347), (22, 17368), (26, 17389), (27, 17401), (30, 17419), (42, 17509), (77, 17707), (80, 17740), (86, 17806), (108, 18061), (110, 18082), (116, 18109), (145, 18268), (150, 18304), (162, 18397), (169, 18418), (182, 18475), (193, 18595), (199, 18631), (203, 18661), (211, 18697), (215, 18763), (217, 18784), (235, 18925), (248, 19066), (251, 19087), (263, 19222), (272, 19399), (282, 19510), (284, 19552), (289, 19597), (292, 19636), (293, 19651),

Gene: Sandaddy_23 Start: 16328, Stop: 18799, Start Num: 5

Candidate Starts for Sandaddy_23:

(Start: 5 @16328 has 150 MA's), (9, 16367), (16, 16430), (20, 16460), (22, 16481), (26, 16502), (27, 16514), (30, 16532), (42, 16622), (77, 16820), (80, 16853), (86, 16919), (108, 17174), (110, 17195), (116, 17222), (145, 17381), (150, 17417), (162, 17510), (169, 17531), (182, 17588), (193, 17708), (199, 17744), (203, 17774), (211, 17810), (215, 17876), (217, 17897), (235, 18038), (248, 18179), (251, 18200), (272, 18512), (282, 18623), (284, 18665), (289, 18710), (292, 18749), (293, 18764),

Gene: Sanya_23 Start: 16990, Stop: 19461, Start Num: 5

Candidate Starts for Sanya_23:

(Start: 5 @16990 has 150 MA's), (9, 17029), (16, 17092), (20, 17122), (22, 17143), (26, 17164), (27, 17176), (30, 17194), (42, 17284), (77, 17482), (80, 17515), (86, 17581), (108, 17836), (110, 17857), (116, 17884), (145, 18043), (150, 18079), (162, 18172), (169, 18193), (182, 18250), (193, 18370), (199, 18406), (203, 18436), (211, 18472), (215, 18538), (217, 18559), (235, 18700), (248, 18841),

(251, 18862), (263, 18997), (272, 19174), (282, 19285), (287, 19351), (289, 19372), (292, 19411), (293, 19426),

Gene: SarFire_24 Start: 16468, Stop: 18939, Start Num: 5

Candidate Starts for SarFire_24:

(Start: 5 @16468 has 150 MA's), (9, 16507), (16, 16570), (20, 16600), (22, 16621), (26, 16642), (30, 16672), (35, 16696), (37, 16717), (42, 16762), (77, 16960), (80, 16993), (86, 17059), (108, 17314), (110, 17335), (116, 17362), (117, 17377), (121, 17401), (139, 17488), (145, 17521), (150, 17557), (162, 17650), (169, 17671), (171, 17686), (176, 17707), (177, 17710), (186, 17779), (190, 17815), (193, 17848), (199, 17884), (203, 17914), (211, 17950), (215, 18016), (217, 18037), (235, 18178), (248, 18319), (251, 18340), (263, 18475), (269, 18571), (272, 18652), (282, 18763), (289, 18850), (292, 18889), (293, 18904),

Gene: Scamp_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Scamp_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (211, 17523), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Scowl_25 Start: 16861, Stop: 19521, Start Num: 5

Candidate Starts for Scowl_25:

(Start: 5 @16861 has 150 MA's), (9, 16900), (16, 16963), (17, 16969), (20, 16993), (25, 17035), (77, 17344), (83, 17407), (88, 17452), (92, 17476), (96, 17551), (97, 17563), (128, 17884), (165, 18214), (174, 18265), (180, 18292), (202, 18496), (216, 18610), (217, 18619), (220, 18640), (224, 18661), (235, 18760), (237, 18802), (238, 18805), (252, 18934), (259, 19018), (265, 19063), (282, 19345), (284, 19387), (286, 19405), (289, 19432), (292, 19471), (293, 19486),

Gene: Seabiscuit_26 Start: 16399, Stop: 18867, Start Num: 5

Candidate Starts for Seabiscuit_26:

(Start: 5 @16399 has 150 MA's), (6, 16414), (20, 16528), (22, 16549), (26, 16570), (30, 16600), (35, 16624), (37, 16645), (42, 16690), (77, 16888), (80, 16921), (86, 16987), (108, 17242), (110, 17263), (116, 17290), (145, 17449), (150, 17485), (162, 17578), (169, 17599), (171, 17614), (176, 17635), (177, 17638), (186, 17707), (190, 17743), (193, 17776), (199, 17812), (203, 17842), (211, 17878), (215, 17944), (217, 17965), (223, 18007), (235, 18106), (248, 18247), (251, 18268), (263, 18403), (272, 18580), (282, 18691), (289, 18778), (292, 18817), (294, 18847),

Gene: Seanderson_25 Start: 16848, Stop: 19319, Start Num: 5

Candidate Starts for Seanderson_25:

(Start: 5 @16848 has 150 MA's), (9, 16887), (16, 16950), (20, 16980), (22, 17001), (26, 17022), (30, 17052), (35, 17076), (42, 17142), (77, 17340), (80, 17373), (86, 17439), (108, 17694), (110, 17715), (116, 17742), (121, 17781), (130, 17838), (139, 17868), (162, 18030), (169, 18051), (182, 18108), (193, 18228), (199, 18264), (203, 18294), (211, 18330), (215, 18396), (217, 18417), (235, 18558), (248, 18699), (251, 18720), (263, 18855), (272, 19032), (282, 19143), (287, 19209), (289, 19230), (292, 19269), (293, 19284),

Gene: SenorClean_24 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for SenorClean_24:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (58, 16404), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168,

17241), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Severus_24 Start: 13964, Stop: 16519, Start Num: 5

Candidate Starts for Severus_24:

(Start: 2 @13787 has 121 MA's), (Start: 5 @13964 has 150 MA's), (13, 14039), (15, 14051), (39, 14213), (41, 14234), (45, 14246), (50, 14276), (56, 14309), (63, 14354), (66, 14372), (68, 14387), (69, 14396), (73, 14417), (84, 14522), (86, 14564), (100, 14729), (114, 14891), (117, 14918), (146, 15095), (153, 15140), (158, 15215), (167, 15263), (168, 15266), (172, 15287), (173, 15290), (181, 15335), (188, 15410), (189, 15413), (191, 15434), (194, 15458), (204, 15524), (210, 15554), (212, 15566), (218, 15653), (221, 15668), (229, 15722), (235, 15797), (240, 15875), (242, 15887), (247, 15944), (251, 15956), (252, 15968), (256, 16010), (257, 16022), (258, 16034), (259, 16049), (261, 16070), (262, 16082), (276, 16295), (282, 16355), (285, 16400), (291, 16451), (294, 16499),

Gene: Shaka_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Shaka_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (24, 16200), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (186, 17355), (192, 17409), (198, 17454), (209, 17514), (213, 17574), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (281, 18318), (282, 18321), (285, 18366), (291, 18417), (294, 18465),

Gene: Shapes_29 Start: 15937, Stop: 18492, Start Num: 5

Candidate Starts for Shapes_29:

(Start: 2 @15760 has 121 MA's), (Start: 5 @15937 has 150 MA's), (7, 15958), (14, 16015), (28, 16111), (29, 16120), (45, 16225), (49, 16252), (56, 16288), (68, 16366), (69, 16375), (73, 16396), (77, 16423), (84, 16501), (86, 16543), (100, 16708), (112, 16858), (114, 16870), (146, 17065), (158, 17185), (166, 17230), (167, 17233), (168, 17236), (172, 17257), (173, 17260), (181, 17305), (183, 17341), (186, 17359), (188, 17380), (192, 17413), (211, 17527), (214, 17590), (226, 17668), (229, 17692), (235, 17767), (239, 17833), (242, 17857), (243, 17875), (255, 17971), (257, 17995), (258, 18007), (259, 18022), (261, 18043), (262, 18055), (276, 18268), (279, 18304), (281, 18325), (282, 18328), (291, 18424), (294, 18472),

Gene: SheldonCooper_26 Start: 16197, Stop: 18797, Start Num: 2

Candidate Starts for SheldonCooper_26:

(Start: 2 @16197 has 121 MA's), (Start: 4 @16338 has 22 MA's), (Start: 5 @16356 has 150 MA's), (24, 16512), (33, 16563), (40, 16632), (62, 16749), (67, 16776), (77, 16839), (83, 16902), (88, 16947), (93, 16989), (98, 17073), (121, 17280), (133, 17340), (143, 17391), (150, 17436), (159, 17514), (166, 17547), (168, 17553), (192, 17721), (195, 17742), (198, 17766), (209, 17826), (210, 17832), (211, 17835), (213, 17886), (219, 17934), (229, 18000), (242, 18165), (243, 18183), (258, 18309), (274, 18561), (275, 18564), (276, 18573), (281, 18630), (282, 18633), (285, 18678), (291, 18729), (294, 18777),

Gene: ShortQueendom_23 Start: 16288, Stop: 18759, Start Num: 5

Candidate Starts for ShortQueendom_23:

(Start: 5 @16288 has 150 MA's), (9, 16327), (16, 16390), (20, 16420), (22, 16441), (26, 16462), (27, 16474), (30, 16492), (42, 16582), (77, 16780), (80, 16813), (86, 16879), (108, 17134), (110, 17155), (116, 17182), (145, 17341), (150, 17377), (162, 17470), (169, 17491), (182, 17548), (190, 17635), (193, 17668), (199, 17704), (203, 17734), (211, 17770), (215, 17836), (217, 17857), (235, 17998), (248, 18139), (251, 18160), (263, 18295), (272, 18472), (282, 18583), (284, 18625), (289, 18670), (292, 18709), (293, 18724),

Gene: Shygu2_25 Start: 15876, Stop: 18476, Start Num: 2

Candidate Starts for Shygu2_25:

(Start: 2 @15876 has 121 MA's), (24, 16191), (28, 16218), (36, 16266), (43, 16323), (62, 16428), (64, 16443), (77, 16518), (88, 16626), (90, 16647), (93, 16668), (133, 17019), (143, 17070), (149, 17112), (150, 17115), (166, 17226), (168, 17232), (187, 17364), (192, 17400), (199, 17448), (213, 17565), (229, 17679), (242, 17844), (243, 17862), (257, 17976), (258, 17988), (267, 18078), (270, 18171), (275, 18243), (276, 18252), (282, 18312), (283, 18321), (291, 18408), (294, 18456),

Gene: Skipitt_25 Start: 16023, Stop: 18482, Start Num: 4

Candidate Starts for Skipitt_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (183, 17334), (184, 17343), (192, 17406), (195, 17427), (199, 17454), (209, 17511), (210, 17517), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Slagathor_25 Start: 16276, Stop: 18747, Start Num: 5

Candidate Starts for Slagathor_25:

(Start: 5 @16276 has 150 MA's), (9, 16315), (16, 16378), (20, 16408), (22, 16429), (26, 16450), (27, 16462), (30, 16480), (35, 16504), (42, 16570), (77, 16768), (80, 16801), (86, 16867), (108, 17122), (110, 17143), (116, 17170), (145, 17329), (150, 17365), (162, 17458), (169, 17479), (182, 17536), (193, 17656), (199, 17692), (203, 17722), (211, 17758), (215, 17824), (217, 17845), (235, 17986), (248, 18127), (251, 18148), (263, 18283), (272, 18460), (282, 18571), (287, 18637), (289, 18658), (292, 18697), (293, 18712),

Gene: Smairt_25 Start: 17108, Stop: 19579, Start Num: 5

Candidate Starts for Smairt_25:

(Start: 5 @17108 has 150 MA's), (9, 17147), (16, 17210), (20, 17240), (22, 17261), (26, 17282), (27, 17294), (30, 17312), (42, 17402), (77, 17600), (80, 17633), (86, 17699), (108, 17954), (110, 17975), (116, 18002), (145, 18161), (150, 18197), (162, 18290), (169, 18311), (182, 18368), (193, 18488), (199, 18524), (203, 18554), (211, 18590), (215, 18656), (217, 18677), (235, 18818), (248, 18959), (251, 18980), (263, 19115), (272, 19292), (282, 19403), (289, 19490), (292, 19529), (294, 19559),

Gene: Snazzy_22 Start: 15797, Stop: 18268, Start Num: 5

Candidate Starts for Snazzy_22:

(Start: 5 @15797 has 150 MA's), (9, 15836), (16, 15899), (20, 15929), (22, 15950), (26, 15971), (27, 15983), (30, 16001), (42, 16091), (77, 16289), (80, 16322), (86, 16388), (108, 16643), (110, 16664), (116, 16691), (145, 16850), (150, 16886), (162, 16979), (169, 17000), (182, 17057), (193, 17177), (199, 17213), (203, 17243), (211, 17279), (215, 17345), (217, 17366), (235, 17507), (248, 17648), (251, 17669), (263, 17804), (272, 17981), (282, 18092), (289, 18179), (292, 18218),

Gene: Solon_24 Start: 16959, Stop: 19430, Start Num: 5

Candidate Starts for Solon_24:

(Start: 5 @16959 has 150 MA's), (9, 16998), (16, 17061), (20, 17091), (22, 17112), (26, 17133), (27, 17145), (30, 17163), (42, 17253), (77, 17451), (80, 17484), (86, 17550), (108, 17805), (110, 17826), (116, 17853), (145, 18012), (150, 18048), (162, 18141), (169, 18162), (182, 18219), (193, 18339), (199, 18375), (203, 18405), (211, 18441), (215, 18507), (217, 18528), (235, 18669), (248, 18810), (251, 18831), (263, 18966), (272, 19143), (282, 19254), (287, 19320), (289, 19341), (292, 19380), (293, 19395),

Gene: Sorpresa_24 Start: 16328, Stop: 18799, Start Num: 5

Candidate Starts for Sorpresa_24:

(Start: 5 @16328 has 150 MA's), (9, 16367), (16, 16430), (20, 16460), (22, 16481), (26, 16502), (27, 16514), (30, 16532), (42, 16622), (77, 16820), (80, 16853), (86, 16919), (108, 17174), (110, 17195), (116, 17222), (145, 17381), (150, 17417), (162, 17510), (169, 17531), (182, 17588), (193, 17708), (199, 17744), (203, 17774), (211, 17810), (215, 17876), (217, 17897), (235, 18038), (248, 18179), (251, 18200), (272, 18512), (282, 18623), (284, 18665), (289, 18710), (292, 18749), (293, 18764),

Gene: Sparxx_25 Start: 15883, Stop: 18483, Start Num: 2

Candidate Starts for Sparxx_25:

(Start: 2 @15883 has 121 MA's), (Start: 4 @16024 has 22 MA's), (Start: 5 @16042 has 150 MA's), (33, 16249), (38, 16288), (40, 16318), (62, 16435), (67, 16462), (77, 16525), (83, 16588), (88, 16633), (93, 16675), (98, 16759), (133, 17026), (143, 17077), (150, 17122), (159, 17200), (168, 17239), (172, 17260), (192, 17407), (195, 17428), (198, 17452), (209, 17512), (210, 17518), (211, 17521), (213, 17572), (219, 17620), (229, 17686), (242, 17851), (243, 17869), (258, 17995), (274, 18247), (275, 18250), (276, 18259), (282, 18319), (291, 18415), (294, 18463),

Gene: SpikeBT_26 Start: 17264, Stop: 19735, Start Num: 5

Candidate Starts for SpikeBT_26:

(Start: 5 @17264 has 150 MA's), (9, 17303), (16, 17366), (20, 17396), (22, 17417), (26, 17438), (27, 17450), (30, 17468), (42, 17558), (77, 17756), (80, 17789), (86, 17855), (108, 18110), (110, 18131), (116, 18158), (145, 18317), (150, 18353), (162, 18446), (169, 18467), (182, 18524), (190, 18611), (193, 18644), (199, 18680), (203, 18710), (211, 18746), (215, 18812), (217, 18833), (235, 18974), (248, 19115), (251, 19136), (263, 19271), (272, 19448), (282, 19559), (284, 19601), (289, 19646), (292, 19685), (293, 19700),

Gene: Spino_25 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Spino_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Squee_25 Start: 17091, Stop: 19706, Start Num: 5

Candidate Starts for Squee_25:

(Start: 5 @17091 has 150 MA's), (9, 17130), (16, 17193), (17, 17199), (20, 17223), (37, 17331), (67, 17502), (76, 17562), (77, 17565), (89, 17688), (93, 17718), (96, 17781), (117, 18000), (124, 18072), (131, 18120), (138, 18165), (163, 18390), (165, 18399), (173, 18435), (180, 18477), (202, 18681), (216, 18795), (217, 18804), (220, 18825), (224, 18846), (235, 18945), (237, 18987), (238, 18990), (252, 19119), (259, 19203), (265, 19248), (282, 19530), (287, 19596), (289, 19617), (292, 19656), (293, 19671),

Gene: Stasia_26 Start: 16324, Stop: 18924, Start Num: 2

Candidate Starts for Stasia_26:

(Start: 2 @16324 has 121 MA's), (Start: 4 @16465 has 22 MA's), (38, 16729), (40, 16759), (47, 16789), (50, 16804), (59, 16858), (62, 16876), (67, 16903), (77, 16966), (88, 17074), (139, 17494), (143, 17518), (150, 17563), (152, 17572), (192, 17848), (211, 17962), (213, 18013), (219, 18061), (224, 18094), (229, 18127), (230, 18145), (242, 18292), (243, 18310), (258, 18436), (267, 18526), (270, 18619), (275, 18691), (276, 18700), (278, 18724), (282, 18760), (283, 18769), (285, 18805), (291, 18856), (294, 18904),

Gene: StewieG_23 Start: 16171, Stop: 18642, Start Num: 5

Candidate Starts for StewieG_23:

(Start: 5 @16171 has 150 MA's), (9, 16210), (16, 16273), (20, 16303), (22, 16324), (26, 16345), (30, 16375), (35, 16399), (42, 16465), (77, 16663), (80, 16696), (86, 16762), (108, 17017), (110, 17038), (116, 17065), (145, 17224), (150, 17260), (162, 17353), (169, 17374), (182, 17431), (193, 17551), (199, 17587), (203, 17617), (211, 17653), (215, 17719), (217, 17740), (235, 17881), (248, 18022), (251, 18043), (263, 18178), (272, 18355), (282, 18466), (287, 18532), (289, 18553), (292, 18592), (293, 18607),

Gene: Stink_26 Start: 16165, Stop: 18765, Start Num: 2

Candidate Starts for Stink_26:

(Start: 2 @16165 has 121 MA's), (Start: 8 @16348 has 1 MA's), (28, 16507), (36, 16555), (62, 16717), (65, 16735), (77, 16807), (88, 16915), (95, 16999), (121, 17248), (139, 17335), (143, 17359), (150, 17404), (166, 17515), (168, 17521), (187, 17653), (192, 17689), (195, 17710), (199, 17737), (209, 17794), (213, 17854), (229, 17968), (242, 18133), (243, 18151), (253, 18220), (258, 18277), (271, 18466), (275, 18532), (276, 18541), (282, 18601), (283, 18610), (285, 18646), (288, 18664), (291, 18697), (294, 18745),

Gene: StrongArm_23 Start: 17348, Stop: 19819, Start Num: 5

Candidate Starts for StrongArm_23:

(Start: 5 @17348 has 150 MA's), (9, 17387), (16, 17450), (20, 17480), (22, 17501), (26, 17522), (27, 17534), (30, 17552), (35, 17576), (37, 17597), (42, 17642), (77, 17840), (80, 17873), (86, 17939), (108, 18194), (110, 18215), (116, 18242), (145, 18401), (150, 18437), (162, 18530), (169, 18551), (182, 18608), (193, 18728), (199, 18764), (203, 18794), (211, 18830), (215, 18896), (217, 18917), (235, 19058), (248, 19199), (251, 19220), (263, 19355), (272, 19532), (282, 19643), (289, 19730), (292, 19769), (294, 19799),

Gene: SwissCheese_24 Start: 16366, Stop: 18837, Start Num: 5

Candidate Starts for SwissCheese_24:

(Start: 5 @16366 has 150 MA's), (9, 16405), (16, 16468), (20, 16498), (22, 16519), (26, 16540), (27, 16552), (30, 16570), (42, 16660), (77, 16858), (80, 16891), (86, 16957), (108, 17212), (110, 17233), (116, 17260), (145, 17419), (150, 17455), (162, 17548), (169, 17569), (182, 17626), (193, 17746), (199, 17782), (203, 17812), (211, 17848), (215, 17914), (217, 17935), (235, 18076), (248, 18217), (251, 18238), (263, 18373), (272, 18550), (282, 18661), (284, 18703), (289, 18748), (292, 18787),

Gene: Switzer_25 Start: 16505, Stop: 18973, Start Num: 5

Candidate Starts for Switzer_25:

(Start: 5 @16505 has 150 MA's), (6, 16520), (20, 16634), (22, 16655), (26, 16676), (30, 16706), (35, 16730), (37, 16751), (42, 16796), (77, 16994), (80, 17027), (86, 17093), (108, 17348), (110, 17369), (116, 17396), (145, 17555), (150, 17591), (162, 17684), (169, 17705), (171, 17720), (176, 17741), (177, 17744), (186, 17813), (190, 17849), (193, 17882), (199, 17918), (203, 17948), (211, 17984), (215, 18050), (217, 18071), (223, 18113), (235, 18212), (248, 18353), (251, 18374), (263, 18509), (272, 18686), (282, 18797), (289, 18884), (292, 18923), (294, 18953),

Gene: Swole_26 Start: 16832, Stop: 19303, Start Num: 5

Candidate Starts for Swole_26:

(Start: 5 @16832 has 150 MA's), (9, 16871), (16, 16934), (20, 16964), (22, 16985), (26, 17006), (27, 17018), (30, 17036), (42, 17126), (77, 17324), (80, 17357), (86, 17423), (108, 17678), (110, 17699), (116, 17726), (145, 17885), (150, 17921), (162, 18014), (169, 18035), (182, 18092), (193, 18212), (199, 18248), (203, 18278), (211, 18314), (215, 18380), (217, 18401), (235, 18542), (248, 18683), (251, 18704), (263, 18839), (272, 19016), (282, 19127), (287, 19193), (289, 19214), (292, 19253), (293, 19268),

Gene: Taquarus_25 Start: 15888, Stop: 18488, Start Num: 2

Candidate Starts for Taquarus_25:

(Start: 2 @15888 has 121 MA's), (Start: 4 @16029 has 22 MA's), (Start: 5 @16047 has 150 MA's), (33, 16254), (38, 16293), (40, 16323), (62, 16440), (67, 16467), (77, 16530), (83, 16593), (88, 16638), (93, 16680), (98, 16764), (133, 17031), (143, 17082), (150, 17127), (159, 17205), (168, 17244), (192, 17412), (195, 17433), (198, 17457), (210, 17523), (213, 17577), (219, 17625), (229, 17691), (242, 17856), (243, 17874), (258, 18000), (274, 18252), (275, 18255), (276, 18264), (282, 18324), (291, 18420), (294, 18468),

Gene: Tasp14_25 Start: 16593, Stop: 19064, Start Num: 5

Candidate Starts for Tasp14_25:

(Start: 5 @16593 has 150 MA's), (9, 16632), (16, 16695), (20, 16725), (22, 16746), (26, 16767), (30, 16797), (35, 16821), (42, 16887), (77, 17085), (80, 17118), (86, 17184), (108, 17439), (110, 17460), (116, 17487), (145, 17646), (150, 17682), (162, 17775), (169, 17796), (182, 17853), (193, 17973), (199, 18009), (203, 18039), (211, 18075), (215, 18141), (217, 18162), (235, 18303), (248, 18444), (251, 18465), (263, 18600), (272, 18777), (282, 18888), (287, 18954), (289, 18975), (292, 19014), (294, 19044),

Gene: Teodoridan_22 Start: 15736, Stop: 18207, Start Num: 5

Candidate Starts for Teodoridan_22:

(Start: 5 @15736 has 150 MA's), (9, 15775), (16, 15838), (20, 15868), (22, 15889), (26, 15910), (27, 15922), (30, 15940), (42, 16030), (77, 16228), (80, 16261), (86, 16327), (108, 16582), (110, 16603), (116, 16630), (145, 16789), (150, 16825), (162, 16918), (169, 16939), (182, 16996), (193, 17116), (199, 17152), (203, 17182), (211, 17218), (215, 17284), (217, 17305), (235, 17446), (248, 17587), (251, 17608), (263, 17743), (272, 17920), (282, 18031), (289, 18118), (292, 18157), (293, 18172),

Gene: Thanksgivukkah_25 Start: 15889, Stop: 18489, Start Num: 2

Candidate Starts for Thanksgivukkah_25:

(Start: 2 @15889 has 121 MA's), (Start: 4 @16030 has 22 MA's), (Start: 5 @16048 has 150 MA's), (33, 16255), (38, 16294), (40, 16324), (62, 16441), (67, 16468), (77, 16531), (83, 16594), (88, 16639), (93, 16681), (98, 16765), (133, 17032), (143, 17083), (150, 17128), (159, 17206), (166, 17239), (168, 17245), (172, 17266), (192, 17413), (195, 17434), (198, 17458), (210, 17524), (213, 17578), (219, 17626), (229, 17692), (242, 17857), (243, 17875), (258, 18001), (274, 18253), (275, 18256), (276, 18265), (282, 18325), (291, 18421), (294, 18469),

Gene: TheloniousMonk_26 Start: 17647, Stop: 20478, Start Num: 5

Candidate Starts for TheloniousMonk_26:

(Start: 5 @17647 has 150 MA's), (6, 17662), (12, 17716), (44, 17959), (46, 17974), (54, 18019), (70, 18139), (72, 18157), (78, 18205), (81, 18250), (86, 18295), (87, 18298), (93, 18346), (105, 18529), (107, 18556), (115, 18640), (119, 18697), (120, 18715), (127, 18760), (129, 18796), (136, 18856), (142, 18904), (148, 18967), (149, 18970), (160, 19087), (164, 19123), (170, 19150), (173, 19162), (175, 19180), (179, 19195), (185, 19258), (197, 19387), (200, 19432), (206, 19465), (208, 19477), (233, 19702), (241, 19789), (242, 19792), (243, 19810), (263, 20014), (272, 20191), (282, 20302), (289, 20389), (292, 20428), (293, 20443),

Gene: Thor_24 Start: 16468, Stop: 18939, Start Num: 5

Candidate Starts for Thor_24:

(Start: 5 @16468 has 150 MA's), (9, 16507), (16, 16570), (20, 16600), (22, 16621), (26, 16642), (30, 16672), (35, 16696), (37, 16717), (42, 16762), (77, 16960), (80, 16993), (86, 17059), (108, 17314), (110, 17335), (116, 17362), (117, 17377), (121, 17401), (139, 17488), (145, 17521), (150, 17557), (162, 17650), (169, 17671), (171, 17686), (176, 17707), (177, 17710), (186, 17779), (190, 17815), (193, 17848), (199, 17884), (203, 17914), (211, 17950), (215, 18016), (217, 18037), (235, 18178), (248, 18319), (251, 18340), (263, 18475), (269, 18571), (272, 18652), (282, 18763), (289, 18850), (292, 18889), (293, 18904),

Gene: TinaFeyge_25 Start: 16023, Stop: 18482, Start Num: 4

Candidate Starts for TinaFeyge_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (18, 16155), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (172, 17259), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Tinybot_24 Start: 16003, Stop: 18462, Start Num: 4

Candidate Starts for Tinybot_24:

(Start: 2 @15862 has 121 MA's), (Start: 4 @16003 has 22 MA's), (Start: 5 @16021 has 150 MA's), (24, 16177), (33, 16228), (38, 16267), (40, 16297), (62, 16414), (67, 16441), (77, 16504), (83, 16567), (88, 16612), (93, 16654), (98, 16738), (117, 16921), (133, 17005), (143, 17056), (150, 17101), (159, 17179), (166, 17212), (168, 17218), (186, 17332), (192, 17386), (198, 17431), (209, 17491), (213, 17551), (229, 17665), (242, 17830), (243, 17848), (258, 17974), (274, 18226), (275, 18229), (276, 18238), (281, 18295), (282, 18298), (285, 18343), (291, 18394), (294, 18442),

Gene: TiroTheta9_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for TiroTheta9_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (121, 16965), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (166, 17232), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (211, 17520), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Topanga_25 Start: 16006, Stop: 18558, Start Num: 5

Candidate Starts for Topanga_25:

(Start: 2 @15829 has 121 MA's), (Start: 5 @16006 has 150 MA's), (7, 16027), (10, 16051), (13, 16081), (14, 16084), (15, 16093), (21, 16132), (23, 16147), (27, 16171), (35, 16216), (39, 16258), (45, 16291), (46, 16300), (56, 16354), (64, 16408), (66, 16417), (69, 16441), (73, 16462), (84, 16567), (86, 16609), (146, 17131), (158, 17251), (166, 17296), (167, 17299), (168, 17302), (173, 17326), (181, 17371), (183, 17407), (188, 17446), (192, 17479), (211, 17593), (226, 17734), (229, 17758), (235, 17833), (239, 17899), (242, 17923), (243, 17941), (252, 18007), (257, 18061), (258, 18073), (259, 18088), (261, 18109), (262, 18121), (276, 18334), (279, 18370), (281, 18391), (282, 18394), (291, 18490), (294, 18538),

Gene: Topgun_24 Start: 16077, Stop: 18692, Start Num: 5

Candidate Starts for Topgun_24:

(Start: 5 @16077 has 150 MA's), (9, 16116), (16, 16179), (17, 16185), (20, 16209), (37, 16317), (67, 16488), (76, 16548), (77, 16551), (89, 16674), (93, 16704), (96, 16767), (117, 16986), (124, 17058), (131, 17106), (138, 17151), (163, 17376), (165, 17385), (173, 17421), (174, 17436), (180, 17463), (202, 17667), (216, 17781), (217, 17790), (220, 17811), (224, 17832), (235, 17931), (237, 17973), (238, 17976), (252, 18105), (259, 18189), (265, 18234), (272, 18405), (282, 18516), (289, 18603), (292, 18642), (293, 18657),

Gene: Tote_26 Start: 16832, Stop: 19303, Start Num: 5

Candidate Starts for Tote_26:

(Start: 5 @16832 has 150 MA's), (9, 16871), (16, 16934), (20, 16964), (22, 16985), (26, 17006), (27, 17018), (30, 17036), (42, 17126), (77, 17324), (80, 17357), (86, 17423), (108, 17678), (110, 17699), (116, 17726), (145, 17885), (150, 17921), (162, 18014), (169, 18035), (182, 18092), (193, 18212),

(199, 18248), (203, 18278), (211, 18314), (215, 18380), (217, 18401), (235, 18542), (248, 18683), (251, 18704), (263, 18839), (272, 19016), (282, 19127), (287, 19193), (289, 19214), (292, 19253), (293, 19268),

Gene: Treddle_26 Start: 17623, Stop: 20094, Start Num: 5

Candidate Starts for Treddle_26:

(Start: 5 @17623 has 150 MA's), (9, 17662), (16, 17725), (20, 17755), (22, 17776), (26, 17797), (27, 17809), (30, 17827), (42, 17917), (77, 18115), (80, 18148), (86, 18214), (108, 18469), (110, 18490), (116, 18517), (121, 18556), (130, 18613), (139, 18643), (145, 18676), (150, 18712), (162, 18805), (169, 18826), (182, 18883), (193, 19003), (199, 19039), (203, 19069), (211, 19105), (215, 19171), (217, 19192), (223, 19234), (235, 19333), (248, 19474), (251, 19495), (269, 19726), (272, 19807), (282, 19918), (289, 20005), (292, 20044), (294, 20074),

Gene: Trike_23 Start: 13972, Stop: 16527, Start Num: 5

Candidate Starts for Trike_23:

(Start: 2 @13795 has 121 MA's), (Start: 5 @13972 has 150 MA's), (7, 13993), (13, 14047), (15, 14059), (39, 14221), (41, 14242), (45, 14254), (50, 14284), (56, 14317), (63, 14362), (66, 14380), (68, 14395), (69, 14404), (73, 14425), (84, 14530), (86, 14572), (100, 14737), (114, 14899), (146, 15103), (153, 15148), (158, 15223), (167, 15271), (168, 15274), (172, 15295), (173, 15298), (181, 15343), (188, 15418), (189, 15421), (191, 15442), (194, 15466), (204, 15532), (210, 15562), (212, 15574), (218, 15661), (221, 15676), (229, 15730), (235, 15805), (240, 15883), (242, 15895), (243, 15913), (247, 15952), (251, 15964), (252, 15976), (256, 16018), (257, 16030), (258, 16042), (259, 16057), (261, 16078), (262, 16090), (276, 16303), (282, 16363), (285, 16408), (291, 16459), (294, 16507),

Gene: Tripl3t_25 Start: 17314, Stop: 19713, Start Num: 5

Candidate Starts for Tripl3t_25:

(Start: 5 @17314 has 150 MA's), (9, 17353), (16, 17416), (20, 17446), (22, 17467), (26, 17488), (27, 17500), (30, 17518), (37, 17563), (42, 17608), (77, 17806), (80, 17839), (86, 17905), (108, 18160), (110, 18181), (116, 18208), (121, 18247), (130, 18304), (139, 18334), (162, 18496), (195, 18649), (196, 18661), (199, 18676), (214, 18793), (221, 18838), (224, 18859), (225, 18862), (239, 19012), (242, 19027), (248, 19093), (253, 19135), (269, 19345), (272, 19426), (282, 19537), (289, 19624), (292, 19663), (294, 19693),

Gene: Trouble_24 Start: 16670, Stop: 19141, Start Num: 5

Candidate Starts for Trouble_24:

(Start: 5 @16670 has 150 MA's), (9, 16709), (16, 16772), (20, 16802), (22, 16823), (26, 16844), (27, 16856), (30, 16874), (37, 16919), (42, 16964), (77, 17162), (80, 17195), (86, 17261), (108, 17516), (110, 17537), (116, 17564), (145, 17723), (150, 17759), (162, 17852), (169, 17873), (182, 17930), (193, 18050), (199, 18086), (203, 18116), (211, 18152), (215, 18218), (217, 18239), (235, 18380), (248, 18521), (251, 18542), (263, 18677), (272, 18854), (282, 18965), (289, 19052), (292, 19091),

Gene: TroyPia_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for TroyPia_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Turj99_23 Start: 16107, Stop: 18578, Start Num: 5

Candidate Starts for Turj99_23:

(Start: 5 @16107 has 150 MA's), (9, 16146), (16, 16209), (20, 16239), (22, 16260), (26, 16281), (27, 16293), (30, 16311), (42, 16401), (77, 16599), (80, 16632), (86, 16698), (108, 16953), (110, 16974), (116, 17001), (145, 17160), (150, 17196), (162, 17289), (169, 17310), (182, 17367), (193, 17487), (199, 17523), (203, 17553), (211, 17589), (215, 17655), (217, 17676), (235, 17817), (248, 17958), (251, 17979), (269, 18210), (272, 18291), (282, 18402), (289, 18489), (292, 18528), (294, 18558),

Gene: Twister_25 Start: 15728, Stop: 18457, Start Num: 2

Candidate Starts for Twister_25:

(Start: 2 @15728 has 121 MA's), (Start: 5 @15905 has 150 MA's), (7, 15926), (10, 15950), (13, 15980), (14, 15983), (15, 15992), (21, 16031), (23, 16046), (27, 16070), (35, 16115), (39, 16157), (45, 16190), (46, 16199), (56, 16253), (64, 16307), (66, 16316), (69, 16340), (73, 16361), (84, 16466), (86, 16508), (146, 17030), (158, 17150), (166, 17195), (167, 17198), (168, 17201), (173, 17225), (181, 17270), (183, 17306), (188, 17345), (192, 17378), (211, 17492), (226, 17633), (229, 17657), (235, 17732), (239, 17798), (242, 17822), (243, 17840), (252, 17906), (257, 17960), (258, 17972), (259, 17987), (261, 18008), (262, 18020), (276, 18233), (279, 18269), (281, 18290), (282, 18293), (291, 18389), (294, 18437),

Gene: TygerBlood_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for TygerBlood_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (192, 17409), (195, 17430), (198, 17454), (209, 17514), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: U2_24 Start: 16511, Stop: 18979, Start Num: 5

Candidate Starts for U2_24:

(Start: 5 @16511 has 150 MA's), (6, 16526), (20, 16640), (22, 16661), (26, 16682), (30, 16712), (35, 16736), (37, 16757), (42, 16802), (77, 17000), (80, 17033), (86, 17099), (108, 17354), (110, 17375), (116, 17402), (145, 17561), (150, 17597), (162, 17690), (169, 17711), (171, 17726), (176, 17747), (177, 17750), (186, 17819), (190, 17855), (193, 17888), (199, 17924), (203, 17954), (211, 17990), (215, 18056), (217, 18077), (223, 18119), (235, 18218), (248, 18359), (251, 18380), (263, 18515), (272, 18692), (282, 18803), (289, 18890), (292, 18929), (294, 18959),

Gene: Ulysses_24 Start: 15606, Stop: 18206, Start Num: 2

Candidate Starts for Ulysses_24:

(Start: 2 @15606 has 121 MA's), (Start: 4 @15747 has 22 MA's), (Start: 5 @15765 has 150 MA's), (24, 15921), (33, 15972), (38, 16011), (40, 16041), (62, 16158), (67, 16185), (77, 16248), (83, 16311), (88, 16356), (93, 16398), (98, 16482), (133, 16749), (143, 16800), (150, 16845), (159, 16923), (166, 16956), (168, 16962), (186, 17076), (192, 17130), (198, 17175), (209, 17235), (213, 17295), (229, 17409), (242, 17574), (243, 17592), (258, 17718), (274, 17970), (275, 17973), (276, 17982), (282, 18042), (291, 18138), (294, 18186),

Gene: Violet_23 Start: 16915, Stop: 19386, Start Num: 5

Candidate Starts for Violet_23:

(Start: 5 @16915 has 150 MA's), (9, 16954), (16, 17017), (20, 17047), (22, 17068), (26, 17089), (27, 17101), (30, 17119), (42, 17209), (77, 17407), (80, 17440), (86, 17506), (108, 17761), (110, 17782), (116, 17809), (145, 17968), (150, 18004), (162, 18097), (169, 18118), (182, 18175), (193, 18295), (199, 18331), (203, 18361), (211, 18397), (215, 18463), (217, 18484), (235, 18625), (248, 18766), (251, 18787), (263, 18922), (272, 19099), (282, 19210), (289, 19297), (292, 19336), (294, 19366),

Gene: WalterMcMickey_25 Start: 15905, Stop: 18457, Start Num: 5

Candidate Starts for WalterMcMickey_25:

(Start: 2 @15728 has 121 MA's), (Start: 5 @15905 has 150 MA's), (7, 15926), (10, 15950), (13, 15980), (14, 15983), (15, 15992), (21, 16031), (23, 16046), (27, 16070), (35, 16115), (39, 16157), (45, 16190), (46, 16199), (56, 16253), (64, 16307), (66, 16316), (69, 16340), (73, 16361), (84, 16466), (86, 16508), (146, 17030), (158, 17150), (166, 17195), (167, 17198), (168, 17201), (173, 17225), (181, 17270), (183, 17306), (188, 17345), (192, 17378), (211, 17492), (226, 17633), (229, 17657), (235, 17732), (239, 17798), (242, 17822), (243, 17840), (252, 17906), (257, 17960), (258, 17972), (259, 17987), (261, 18008), (262, 18020), (276, 18233), (279, 18269), (281, 18290), (282, 18293), (291, 18389), (294, 18437),

Gene: Wander_25 Start: 15885, Stop: 18485, Start Num: 2

Candidate Starts for Wander_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (172, 17262), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Wilbur_25 Start: 16026, Stop: 18485, Start Num: 4

Candidate Starts for Wilbur_25:

(Start: 2 @15885 has 121 MA's), (Start: 4 @16026 has 22 MA's), (Start: 5 @16044 has 150 MA's), (33, 16251), (38, 16290), (40, 16320), (62, 16437), (67, 16464), (77, 16527), (83, 16590), (88, 16635), (93, 16677), (98, 16761), (133, 17028), (143, 17079), (150, 17124), (159, 17202), (166, 17235), (168, 17241), (183, 17337), (184, 17346), (192, 17409), (195, 17430), (198, 17454), (210, 17520), (213, 17574), (219, 17622), (229, 17688), (242, 17853), (243, 17871), (258, 17997), (274, 18249), (275, 18252), (276, 18261), (282, 18321), (291, 18417), (294, 18465),

Gene: Wile_25 Start: 15892, Stop: 18492, Start Num: 2

Candidate Starts for Wile_25:

(Start: 2 @15892 has 121 MA's), (36, 16282), (58, 16411), (62, 16444), (67, 16471), (77, 16534), (88, 16642), (99, 16777), (121, 16975), (139, 17062), (143, 17086), (150, 17131), (166, 17242), (168, 17248), (192, 17416), (199, 17464), (209, 17521), (213, 17581), (219, 17629), (224, 17662), (229, 17695), (230, 17713), (242, 17860), (243, 17878), (258, 18004), (267, 18094), (271, 18193), (275, 18259), (276, 18268), (282, 18328), (283, 18337), (285, 18373), (288, 18391), (291, 18424), (294, 18472),

Gene: Wilkins_24 Start: 16077, Stop: 18692, Start Num: 5

Candidate Starts for Wilkins_24:

(Start: 5 @16077 has 150 MA's), (9, 16116), (16, 16179), (17, 16185), (20, 16209), (37, 16317), (67, 16488), (76, 16548), (77, 16551), (89, 16674), (93, 16704), (96, 16767), (117, 16986), (124, 17058), (131, 17106), (138, 17151), (163, 17376), (165, 17385), (173, 17421), (174, 17436), (180, 17463), (202, 17667), (216, 17781), (217, 17790), (220, 17811), (224, 17832), (235, 17931), (237, 17973), (238, 17976), (252, 18105), (259, 18189), (265, 18234), (272, 18405), (282, 18516), (289, 18603), (292, 18642), (293, 18657),

Gene: Wizard007_25 Start: 15887, Stop: 18487, Start Num: 2

Candidate Starts for Wizard007_25:

(Start: 2 @15887 has 121 MA's), (Start: 4 @16028 has 22 MA's), (Start: 5 @16046 has 150 MA's), (33, 16253), (38, 16292), (40, 16322), (62, 16439), (67, 16466), (77, 16529), (83, 16592), (88, 16637), (93, 16679), (98, 16763), (133, 17030), (143, 17081), (150, 17126), (159, 17204), (168, 17243), (172, 17264), (192, 17411), (195, 17432), (198, 17456), (209, 17516), (210, 17522), (211, 17525), (213, 17576), (219, 17624), (229, 17690), (242, 17855), (243, 17873), (258, 17999), (274, 18251), (275,

18254), (276, 18263), (282, 18323), (291, 18419), (294, 18467),

Gene: Xena_25 Start: 15879, Stop: 18479, Start Num: 2

Candidate Starts for Xena_25:

(Start: 2 @15879 has 121 MA's), (36, 16269), (58, 16398), (62, 16431), (67, 16458), (77, 16521), (88, 16629), (99, 16764), (121, 16962), (139, 17049), (143, 17073), (150, 17118), (166, 17229), (168, 17235), (192, 17403), (199, 17451), (209, 17508), (213, 17568), (219, 17616), (224, 17649), (229, 17682), (230, 17700), (242, 17847), (243, 17865), (258, 17991), (267, 18081), (271, 18180), (275, 18246), (276, 18255), (282, 18315), (283, 18324), (285, 18360), (288, 18378), (291, 18411), (294, 18459),

Gene: YoSam321_25 Start: 15882, Stop: 18482, Start Num: 2

Candidate Starts for YoSam321_25:

(Start: 2 @15882 has 121 MA's), (Start: 4 @16023 has 22 MA's), (Start: 5 @16041 has 150 MA's), (33, 16248), (38, 16287), (40, 16317), (62, 16434), (67, 16461), (77, 16524), (83, 16587), (88, 16632), (93, 16674), (98, 16758), (133, 17025), (143, 17076), (150, 17121), (159, 17199), (168, 17238), (192, 17406), (195, 17427), (198, 17451), (209, 17511), (210, 17517), (213, 17571), (219, 17619), (229, 17685), (242, 17850), (243, 17868), (258, 17994), (274, 18246), (275, 18249), (276, 18258), (282, 18318), (291, 18414), (294, 18462),

Gene: Zeeculate_23 Start: 16356, Stop: 19016, Start Num: 5

Candidate Starts for Zeeculate_23:

(Start: 5 @16356 has 150 MA's), (9, 16395), (16, 16458), (20, 16488), (25, 16530), (43, 16641), (49, 16674), (77, 16839), (83, 16902), (88, 16947), (92, 16971), (96, 17046), (97, 17058), (128, 17379), (165, 17709), (174, 17760), (180, 17787), (202, 17991), (216, 18105), (217, 18114), (220, 18135), (224, 18156), (235, 18255), (237, 18297), (238, 18300), (252, 18429), (259, 18513), (265, 18558), (282, 18840), (289, 18927), (292, 18966),