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1. Corvo_24 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
2. StrongArm_23 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
3. HermioneGrange_24 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
4. Eyeball_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
5. Aldrich_25 + 5	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
6. Nhonno_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
7. SwissCheese_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
8. Jerni2_25 + 8	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
9. PrimeBark_23 + 2	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
10. KSSJEB_24 + 4	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
11. Forsytheast_23 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
12. Magnito_23 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
13. SanFire_24 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
14. Conceptm_25	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
15. Atkinoua_25	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
16. Espresso_24 + 3	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
17. Fushigi_25	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
18. Laminai3_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
19. Oogway_23	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
20. Blackname_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
21. Gandalf20_25	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
22. Umno789_24 + 6	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
23. Iqorha_23 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
24. Monet_26	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
25. BPBrebs31_25 + 9	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
26. Arcanine_25 + 2	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
27. Licorice_26	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
28. Freddie_26 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
29. MrGordo_24 + 2	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
30. Smart_25 + 2	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
31. Wheeler_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
32. BarrowUpn_23	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
33. Skipole_26	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
34. Marcell_24	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
35. Target_26	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
36. SpikeB1_26 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
37. PinkPlastic_23	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
38. Briton15_26 + 2	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
39. Mule_24 + 2	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
40. Agallana_25	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
41. Acme_26 + 3	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
42. Mryolo_23	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
43. Nerujay_25 + 5	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
44. HarryOw_25	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
45. Paynelui_24 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
46. Papez_26 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
47. GageAP_26	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
48. Chanagan_23	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
49. Tasp14_25 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446
50. ILeeKay_26 + 1	405	588946	105	126	1583	173	29314	248	261	28935	315	34537	395	420	453	497	520	535	5446

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51: Aeneas_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
52: JC27_26 + 1	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
53: Petruccio_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
54: Bruns_23	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
55: PattyP_26 + 3	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
56: Alvin_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
57: EnzoK_25 + 1	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
58: HansNotFirst_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
59: Seanderson_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
60: Bigchung_24 + 2	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
61: Gyzlar_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
62: DD5_25 + 2	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
63: Adahisoi_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
64: Rutenfeld_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
65: Doom_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
66: ChristmasHams_25 + 2	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
67: Abbyshoes_25 + 2	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
68: JackSparrow_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
69: Rhynn_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
70: BilkKnuckles_25 + 1	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
71: BigPaolini_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
72: Ajay_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
73: Peip2012_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
74: Graduation_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
75: Manatee_25 + 1	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
76: Perseus_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
77: Carlyle_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
78: BaconJack_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
79: PherisBuelier_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
80: ProMouse_23	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
81: Makemake_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
82: IgnatiusPatJac_23 + 1	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
83: FrogHopper_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
84: Dreamboat_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
85: Smeagol_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
86: Aisiro_28	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
87: Puppet_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
88: Hope4ever_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
89: Magnar_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
90: Dexes_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
91: Niza_26	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
92: McSinger_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
93: Sibs6_26 + 1	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
94: Anglenish_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
95: Beethoven_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
96: Lesedi_23	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
97: Trouble_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
98: Altman_26 + 2	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
99: Euphoria_24	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560
100: KikiBouba_25	105	114	126	144	159	168	181	243	274	286	299	306	336	366	386	401	420	432	489	535	544	560

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I01: Dulcie_23	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I02: RidgeCB_24	405	588946			144	158	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I03: Jasper_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I04: A6_22+1	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I05: Ashbailer_23	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I06: Pinto_26	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I07: Trip3_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I08: Marco3_24	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I09: BeesKnees_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I10: Rubeus_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I11: Sagefire_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I12: MKhusen_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I13: GrecoEtere0_25	405	588946		105	1283	1583	173	29014	248	261		289	295	315	3457	356	385	420	432	435	497	520	535	58248
I14: Kingrew_22	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I15: DontArgue_24	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I16: Kristoff_26	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I17: Rowdy_29+3	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I18: Eaglepride_26	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I19: PeaceMeal_24+1	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I20: Edison31_25+1	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I21: Poompna_24	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I22: KittenMittens_24	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I23: OKCentral2016_25	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I24: WalterMcMickey_25+1	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I25: Mike_23	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I26: Goose_25	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I27: Severus_24	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I28: Rebeuca_26	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I29: Chupacabra_25	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I30: Gail_25	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I31: Jeeves_25	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I32: SororFago_25	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I33: Luchador_27	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I34: Sunnee_24	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I35: Epsocamiso_28+13	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I36: DexHockey33_28+1	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I37: Battleship_29+3	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I38: Warrior24_28	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I39: Nebuliosus_28	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I40: Elite_26	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I41: Nedarya_27	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I42: MyraDee_23	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I43: Herbertwm_23	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I44: IronMan_28	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I45: Phaded_29	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I46: Tristan_27	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I47: Pukovnik_28	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I48: Lander_27	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I49: Bactobuster_27	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248
I50: Iwokeupikedis_27	75	51	81	92	105	1283	1583	173	29014	248	261	289	295	315	3457	356	385	420	432	435	497	520	535	58248

Pham 296120

[illegible]

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 296120 Report

This analysis was run 04/25/26 on database version 644.

Pham number 296120 has 477 members, 40 are drafts.

Phages represented in each track:

- Track 1 : Corvo_24, Snazzy_22
- Track 2 : StrongArm_23, Bexan_23
- Track 3 : HermioneGrange_24, TwoPeat_25
- Track 4 : Eyeball_24
- Track 5 : Aldrich_25, GroundGoblin_25, DirtDevil_25, Noxious_25, Hermia_26, CatBus_25
- Track 6 : Nhonho_24
- Track 7 : SwissCheese_24
- Track 8 : Jerm2_25, Bob3_23, Molly_25, MPlant7149_23, NEHalo_24, BigMau_26, Lopton_25, Zephyr_24, Rohr_25
- Track 9 : PhineBark_23, Levia_24, StewieG_23
- Track 10 : KSSJEB_24, Seabiscuit_26, DreamCatcher_27, Switzer_25, U2_24
- Track 11 : Forsytheast_23, Moose_23
- Track 12 : Magnito_23, Turj99_23
- Track 13 : SarFire_24, Thor_24
- Track 14 : Conceptll_25
- Track 15 : Atkinbua_25
- Track 16 : Espresso_24, Michley_24, KBG_25, PacerPaul_24
- Track 17 : Fushigi_25
- Track 18 : Lamina13_24
- Track 19 : Oogway_23
- Track 20 : Blackflame_24
- Track 21 : Gandalf20_25
- Track 22 : Ohno789_24, MetalQZJ_24, MaryBeth_24, Teodoridan_22, Gachnar_24, Hami1_26, Whitspit_25
- Track 23 : Iqorha_23, Inyanga_23
- Track 24 : Monet_26
- Track 25 : BPBiebs31_25, Solon_24, Pita2_26, PSullivan_26, Rufus_25, Tote_26, JuliaChild_26, Ciao_24, Swole_26, Sanya_23
- Track 26 : Arcanine_25, Rajelicia_24, GMonster_23
- Track 27 : Licorice_26
- Track 28 : Treddle_26, Edtherson_25
- Track 29 : MrGordo_24, Big3_24, Barriga_24
- Track 30 : Smairt_25, Violet_23, Maroc7_23
- Track 31 : Wheeler_24
- Track 32 : BarrowTuph_23
- Track 33 : SkiPole_26

- Track 34 : Marcell_24
- Track 35 : Target_26
- Track 36 : SpikeBT_26, ShortQueendom_23
- Track 37 : PinkPlastic_23
- Track 38 : Briton15_26, Dynamix_25, McGuire_25
- Track 39 : Mule_24, Crispicous1_23, PhrostyMug_24
- Track 40 : Agaliana_25
- Track 41 : Acme_26, Greg_26, Pippin_26, Fajezeel_26
- Track 42 : Mryolo_23
- Track 43 : Nerujay_25, Zeuska_25, Kugel_25, KyMonks1A_26, Applejack_24, Sunshine924_23
- Track 44 : HarryOW_25
- Track 45 : Payneful_24, Marchy_23
- Track 46 : Papez_26, Francis47_24
- Track 47 : GageAP_26
- Track 48 : Chanagan_23
- Track 49 : Tasp14_25, Parliament_23
- Track 50 : lLeeKay_26, Sumter_23
- Track 51 : Aeneas_26
- Track 52 : JC27_26, Traft412_26
- Track 53 : Petruchio_24
- Track 54 : Bruns_23
- Track 55 : PattyP_26, Burton_25, Slagathor_25, Museum_26
- Track 56 : Alvin_25
- Track 57 : EnzoK_25, Buttons_25
- Track 58 : HanShotFirst_24
- Track 59 : Seanderson_25
- Track 60 : Bigchungi_24, Sorpresa_24, Sandaddy_23
- Track 61 : Gyzlar_26
- Track 62 : DD5_25, Lockley_24, Watermelon_26
- Track 63 : Adahisdi_25
- Track 64 : Rutherferd_26
- Track 65 : Doom_25
- Track 66 : ChristmasHams_25, Gompeii16_24, Bircsak_24
- Track 67 : Abbyshoes_25, Dussy_25, Kenmech_27
- Track 68 : JackSparrow_25
- Track 69 : Rhynn_24
- Track 70 : BillKnuckles_25, Bxb1_22
- Track 71 : BigPaolini_25
- Track 72 : Ajay_24
- Track 73 : Petp2012_26
- Track 74 : Graduation_26
- Track 75 : Manatee_25, Pari_25
- Track 76 : Perseus_25
- Track 77 : Carlyle_26
- Track 78 : BaconJack_26
- Track 79 : PherrisBueLLer_25
- Track 80 : ProMouse_23
- Track 81 : Makemake_24
- Track 82 : IgnatiusPatJac_23, BluSpix_24
- Track 83 : Froghopper_25
- Track 84 : Dreamboat_25
- Track 85 : Smeagol_26

- Track 86 : Alsfro_28
- Track 87 : Puppet_24
- Track 88 : Hope4ever_24
- Track 89 : Magnar_24
- Track 90 : Dexes_25
- Track 91 : Niza_26
- Track 92 : McSinger_25
- Track 93 : Sibs6_26, Arlo_23
- Track 94 : Anglerfish_25
- Track 95 : Bethlehem_24
- Track 96 : Lesedi_23
- Track 97 : Trouble_24
- Track 98 : Altman_26, Kanely_25, Cueylyss_24
- Track 99 : Euphoria_24
- Track 100 : KikiBouba_25
- Track 101 : Dulcie_23
- Track 102 : RidgeCB_24
- Track 103 : Jasper_25
- Track 104 : A6_22, BK1_22
- Track 105 : Ashballer_23
- Track 106 : Pinto_26
- Track 107 : Tripl3t_25
- Track 108 : Marco3_24
- Track 109 : BeesKnees_25
- Track 110 : Rubeus_25
- Track 111 : Sagefire_25
- Track 112 : Mkhusele_25
- Track 113 : GrecoEtereo_25
- Track 114 : Killigrew_22
- Track 115 : DontArgue_24
- Track 116 : Kristoff_26
- Track 117 : Rowdy_29, RhynO_26, DustyMartin_29, Shapes_29
- Track 118 : Eaglepride_26
- Track 119 : PeaceMeal1_24, Drake94_24
- Track 120 : Edison31_25, Twister_25
- Track 121 : Poompha_24
- Track 122 : KittenMittens_24
- Track 123 : OKCentral2016_25
- Track 124 : WalterMcMickey_25, Topanga_25
- Track 125 : Trike_23
- Track 126 : Goose_25
- Track 127 : Severus_24
- Track 128 : Rebeuca_26
- Track 129 : Chupacabra_25
- Track 130 : Gail_25
- Track 131 : Jeeves_25
- Track 132 : SororFago_25
- Track 133 : Luchador_27
- Track 134 : Sunhee_24
- Track 135 : Epsocamisio_28, Strosahl_28, Boohoo_28, Oofda_28, ReMo_28, Looper_29, Remus_28, Rosalind_28, ShayRa_29, Soups_28, Waits_28, Ravana_29, Switzerland_28, LastResort_28
- Track 136 : DekHockey33_28, KatherineG_28

- Track 137 : Battleship_29, JSwag_28, MinecraftSteve_29, Anaysia_28
- Track 138 : Warrior24_28
- Track 139 : Nebulosus_28
- Track 140 : Elle_26
- Track 141 : Nedarya_27
- Track 142 : MyraDee_23
- Track 143 : Herbertwm_23
- Track 144 : IronMan_28
- Track 145 : Phaded_29
- Track 146 : Tristan_27
- Track 147 : Pukovnik_28
- Track 148 : Landor_27
- Track 149 : Bactobuster_27
- Track 150 : Iwokeuplikedis_27
- Track 151 : Jaan_29
- Track 152 : Kinmap_26
- Track 153 : Chargerpower_26
- Track 154 : Mundrea_25
- Track 155 : Alberto7_26, KFPoly_25, TroyPia_25, Chaph_25, Maverick_25, Phacado_25, Sultana_25, Thanksgivukkah_25, Wander_25, Cocoaberry_25, Bombshell_25, PeterPeter_25, Avle17_25
- Track 156 : Camperdownii_24
- Track 157 : TinaFeyge_25
- Track 158 : JetBlade_25, Connomayer_25, MeeZee_25, Palestino_24, Kyee_25, Pumbaa_25, BubbleTrouble_25
- Track 159 : LHTSCC_26, Obama12_26
- Track 160 : LeoAvram_25
- Track 161 : Florean_25, Caelakin_25, Citius_25, Broseidon_25, Scamp_25, Bartimeaus_25, Melvin_25, Sabertooth_25, Druantia_25, Wizard007_25, CentreCat_25, Blackmoor_25, Bruiser_24, NorthStar_25, Sparxx_25, Baby16_25
- Track 162 : Phighter1804_25
- Track 163 : Nemo27_25, Gadost_25, NotAPhaseMom_25, Houdini22_25, Huxley_25, SteMason_24
- Track 164 : ICleared_25
- Track 165 : Dhanush_25
- Track 166 : LittleB_25
- Track 167 : Cerulean_26, ChampagnePapi_26, SheldonCooper_26, BangNhom_25
- Track 168 : LittleGuy_25
- Track 169 : Kratark_25, DirtyDunning_25
- Track 170 : Holli_25, Mayonnaise_25, OKaNui_26, Taquarus_25, Relief_25, Clarenza_25, JoongJeon_25
- Track 171 : Lunsford_26, Deano_25
- Track 172 : Skipitt_25
- Track 173 : Bumblebee11_25, Morpher26_25, Katalie136_25
- Track 174 : Kingmustik0402_25, Millski_24, HamSlice_24
- Track 175 : Medusa_25, Jaykayelowell_25, Roosevelt_25, Annyong_25, Peaches_25
- Track 176 : Kampy_25, Funston_25, Lorenzo_25, Maxo_25
- Track 177 : Koan_25
- Track 178 : Romney_25, Koreni_24
- Track 179 : Eros_25
- Track 180 : Burger_24
- Track 181 : YoSam321_25

- Track 182 : Stasia_26
- Track 183 : Wilbur_25
- Track 184 : Backyardigan_25, Wile_25, Xena_25, Datway_25, Achebe_24
- Track 185 : Arturo_24
- Track 186 : PetiteSangsue_25, AbbysRanger_25
- Track 187 : Albee_25
- Track 188 : TygerBlood_25
- Track 189 : RockieBear_24, SenorClean_25
- Track 190 : Stink_26, Miramae_25, AvatarAhPeg_26
- Track 191 : Flux_25, LappelDuVide_25, Nyxis_25
- Track 192 : Phontbonne_25, TiroTheta9_25, Polymorphads_25, Morrow_25, Eurydice_25
- Track 193 : Shygu2_25
- Track 194 : Eagle_24
- Track 195 : Shaka_25
- Track 196 : KekoraPapaka_24
- Track 197 : Ohfah_25
- Track 198 : Mazhar510_25, Ulysses_24
- Track 199 : Abdiel_24
- Track 200 : Happiness_25
- Track 201 : Cintron_25
- Track 202 : Phelipe_25
- Track 203 : Nebs_25, BellusTerra_25
- Track 204 : Lemur_25
- Track 205 : Tinybot_24
- Track 206 : Cindaradix_24
- Track 207 : Eris_24
- Track 208 : Badger_25
- Track 209 : Iracema64_26
- Track 210 : Cici_25
- Track 211 : Noelle_25
- Track 212 : Spino_25
- Track 213 : Ruin_25
- Track 214 : Perplexer_25
- Track 215 : Commander_25
- Track 216 : Rosa24_24
- Track 217 : Kremtemulon_25
- Track 218 : LochMonster_25
- Track 219 : Iceman_26
- Track 220 : Pipcraft_25, Eapen_25
- Track 221 : Chadwick_23
- Track 222 : Scorpia_23
- Track 223 : PetterN_23
- Track 224 : Ghoulboy_22
- Track 225 : Naca_22
- Track 226 : UnionJack_22
- Track 227 : ElTiger69_22
- Track 228 : Benedict_22
- Track 229 : Jabiru_22
- Track 230 : Airmid_22
- Track 231 : SuperCallie99_29, Pmask_29
- Track 232 : Neeharika16_29, SuperAwesome_29, JewelBug_29, BennyP_29, GreedyLawyer_29, Kazan_29, DelvinSonDorr_28, VohminGhazi_29, Candra_29,

EricB_29, McFly_29, SmellyB_29, BABullseye_29, Newrala_29, Chartreuse_29, Kipper29_29, DaVinci_29, Cookiedough_29, Hoot_29

- Track 233 : Indra_29
- Track 234 : Hexamo_29, Blue7_29, CloudWang3_29, Gladiator_29, Jeffabunny_29, Wiks_29, Tucker_29, Hammer_29, Zaka_29, Lilbunny_29, Yokurt_29, Gruunaga_29, Roksolana_29, BlessJoy_29, ToneTone_27, Artemis2UCLA_29, Zulu_29, WunderPhul_29
- Track 235 : Garak_30, Helmet_29, Temprado_29
- Track 236 : Polyphemus_29, Jordennis_29, Dorothea_29
- Track 237 : Rifter_29
- Track 238 : Isiphiwo_29
- Track 239 : Blinn1_29
- Track 240 : Priamo_29
- Track 241 : Toro_28, FlyCatcher_29
- Track 242 : HINdeR_25
- Track 243 : Sheen_27
- Track 244 : PP_35
- Track 245 : DroogsArmy_26
- Track 246 : Timshel_26

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

The start number called the most often in the published annotations is 40, it was called in 174 of the 437 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- A6_22, Abbyshoes_25, Acme_26, Adahisdi_25, Aeneas_26, Agaliana_25, Ajay_24, Aldrich_25, Alsfro_28, Altman_26, Alvin_25, Anglerfish_25, Applejack_24, Arcanine_25, Arlo_23, Ashballer_23, Atkinbua_25, BK1_22, BPBiebs31_25, BaconJack_26, Barriga_24, BarrowTuph_23, Bethlehem_24, Bexan_23, Big3_24, BigMau_26, BigPaolini_25, Bigchungi_24, BillKnuckles_25, Bircsak_24, Blackflame_24, BluSpix_24, Bob3_23, Bruns_23, Burton_25, Buttons_25, Bxb1_22, Carlyle_26, CatBus_25, Chanagan_23, ChristmasHams_25, Ciao_24, ConceptII_25, Corvo_24, Crispicous1_23, Cueylyss_24, DD5_25, Dexes_25, DirtDevil_25, Doom_25, DreamCatcher_27, Dreamboat_25, Dulcie_23, Dussy_25, Edtherson_25, EnzoK_25, Espresso_24, Euphoria_24, Eyeball_24, Fajezeel_26, Forsytheast_23, Francis47_24, Froghopper_25, Fushigi_25, GMonster_23, Gachnar_24, GageAP_26, Gandalf20_25, Gompeii16_24, Graduation_26, GrecoEtereo_25, Greg_26, GroundGoblin_25, Gyzlar_26, Hami1_26, HanShotFirst_24, HarryOW_25, Hermia_26, HermioneGrange_24, ILeeKay_26, IgnatiusPatJac_23, Inyanga_23, Iqorha_23, JC27_26, JackSparrow_25, Jasper_25, Jerm2_25, JuliaChild_26, KBG_25, KSSJEB_24, Kanely_25, Kenmech_27, Kugel_25, KyMonks1A_26, Lamina13_24, Lesedi_23, Levia_24, Licorice_26, Lockley_24, Lopton_25, MPlant7149_23, Magnar_24, Magnito_23, Makemake_24, Manatee_25, Marcell_24, Marchy_23, Marco3_24, Maroc7_23, MaryBeth_24, McSinger_25, MetalQZJ_24, Michley_24, Mkhuseli_25, Molly_25, Monet_26, Moose_23, MrGordo_24, Mryolo_23, Mule_24, Museum_26, NEHalo_24, Nerujay_25, Nhonho_24, Niza_26, Noxious_25, Ohno789_24, Oogway_23, PSullivan_26, PacerPaul_24, Papez_26, Pari_25, Parliament_23, PattyP_26, Payneiful_24, Perseus_25, Petp2012_26, Petruchio_24, PherrisBueller_25, PhineBark_23, PhrostyMug_24, PinkPlastic_23, Pinto_26,

Pippin_26, Pita2_26, ProMouse_23, Puppet_24, Rajelicia_24, Rhynn_24, RidgeCB_24, Rohr_25, Rubeus_25, Rufus_25, Rutherford_26, Sagefire_25, Sandaddy_23, Sanya_23, SarFire_24, Seabiscuit_26, Seanderson_25, ShortQueendom_23, Sibs6_26, SkiPole_26, Slagathor_25, Smairt_25, Smeagol_26, Snazzy_22, Solon_24, Sorpresa_24, SpikeBT_26, StewieG_23, StrongArm_23, Sumter_23, Sunshine924_23, SwissCheese_24, Switzer_25, Swole_26, Target_26, Tasp14_25, Teodoridan_22, Thor_24, Tote_26, Traft412_26, Treddle_26, Tripl3t_25, Trouble_24, Turj99_23, TwoPeat_25, U2_24, Violet_23, Watermelon_26, Whitspit_25, Zephyr_24, Zeuska_25,

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

- KikiBouba_25,

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

- AbbysRanger_25, Abdiel_24, Achebe_24, Airmid_22, Albee_25, Alberto7_26, Anaysia_28, Annyong_25, Artemis2UCLA_29, Arturo_24, AvatarAhPeg_26, Avle17_25, BABullseye_29, Baby16_25, Backyardigan_25, Bactobuster_27, Badger_25, BangNhom_25, Bartimeaus_25, Battleship_29, BeesKnees_25, BellusTerra_25, Benedict_22, BennyP_29, Blackmoor_25, BlessJoy_29, Blinn1_29, Blue7_29, Bombshell_25, Boohoo_28, Briton15_26, Broseidon_25, Bruiser_24, BubbleTrouble_25, Bumblebee11_25, Burger_24, Caelakin_25, Camperdownii_24, Candra_29, CentreCat_25, Cerulean_26, Chadwick_23, ChampagnePapi_26, Chaph_25, Chargerpower_26, Chartreuse_29, Chupacabra_25, Cici_25, Cindaradix_24, Cintron_25, Citius_25, Clarenza_25, CloudWang3_29, Cocoaberry_25, Commander_25, Connomayer_25, Cookiedough_29, DaVinci_29, Datway_25, Deano_25, DekHockey33_28, DelvinSonDorr_28, Dhanush_25, DirtyDunning_25, DontArgue_24, Dorothea_29, Drake94_24, DroogsArmy_26, Druantia_25, DustyMartin_29, Dynamix_25, Eagle_24, Eaglepride_26, Eapen_25, Edison31_25, ElTiger69_22, Elle_26, Epsocamisio_28, EricB_29, Eris_24, Eros_25, Eurydice_25, Florean_25, Flux_25, FlyCatcher_29, Funston_25, Gadost_25, Gail_25, Garak_30, Ghoulyboy_22, Gladiator_29, Goose_25, GreedyLawyer_29, Gruunaga_29, HINdeR_25, HamSlice_24, Hammer_29, Happiness_25, Helmet_29, Herbertwm_23, Hexamo_29, Holli_25, Hoot_29, Hope4ever_24, Houdini22_25, Huxley_25, ICleared_25, Iceman_26, Indra_29, Iracema64_26, IronMan_28, Isiphiwo_29, Iwokeupliکیدis_27, J\$wag_28, Jaan_29, Jabiru_22, Jaykayelowell_25, Jeeves_25, Jeffabunny_29, JetBlade_25, JewelBug_29, JoongJeon_25, Jordennis_29, KFPoly_25, Kamy_25, Katalie136_25, KatherineG_28, Kazan_29, KekoraPapaka_24, Killigrew_22, Kingmustik0402_25, Kinmap_26, Kipper29_29, KittenMittens_24, Koan_25, Koreni_24, Kratark_25, Kremtemulon_25, Kristoff_26, Kyee_25, LHTSCC_26, Landor_27, LappelDuVide_25, LastResort_28, Lemur_25, LeoAvram_25, Lilbunny_29, LittleB_25, LittleGuy_25, LochMonster_25, Looper_29, Lorenzo_25, Luchador_27, Lunsford_26, Maverick_25, Maxo_25, Mayonnaise_25, Mazhar510_25, McFly_29, McGuire_25, Medusa_25, MeeZee_25, Melvin_25, Millski_24, MinecraftSteve_29, Miramae_25, Morpher26_25, Morrow_25, Mundrea_25, MyraDee_23, Naca_22, Nebbs_25, Nebulosus_28, Nedarya_27, Neeharika16_29, Nemo27_25, Newrala_29, Noelle_25, NorthStar_25, NotAPhaseMom_25, Nyxis_25, OKCentral2016_25, OKaNui_26, Obama12_26, Ohfah_25, Oofda_28, PP_35, Palestino_24, PeaceMeal1_24, Peaches_25, Perplexer_25, PeterPeter_25, PetiteSangsue_25, PetterN_23, Phacado_25, Phaded_29, Phelipe_25, Phighter1804_25, Phontbonne_25, Pipcraft_25, Pmask_29, Polymorphads_25, Polyphemus_29, Poompha_24, Priamo_29, Pukovnik_28, Pumbaa_25, Ravana_29, ReMo_28, Rebeuca_26, Relief_25, Remus_28, Rhyno_26, Rifter_29, RockieBear_24, Roksolana_29, Romney_25, Roosevelt_25, Rosa24_24,

Rosalind_28, Rowdy_29, Ruin_25, Sabertooth_25, Scamp_25, Scorpio_23, SenorClean_25, Severus_24, Shaka_25, Shapes_29, ShayRa_29, Sheen_27, SheldonCooper_26, Shygu2_25, Skipitt_25, SmellyB_29, SororFago_25, Soups_28, Sparxx_25, Spino_25, Stasia_26, SteMason_24, Stink_26, Strosahl_28, Sultana_25, Sunhee_24, SuperAwesome_29, SuperCallie99_29, Switzerland_28, Taquarus_25, Temprado_29, Thanksgivukkah_25, Timshel_26, TinaFeyge_25, Tinybot_24, TiroTheta9_25, ToneTone_27, Topanga_25, Toro_28, Trike_23, Tristan_27, TroyPia_25, Tucker_29, Twister_25, TygerBlood_25, Ulysses_24, UnionJack_22, VohminGhazi_29, Waits_28, WalterMcMickey_25, Wander_25, Warrior24_28, Wheeler_24, Wiks_29, Wilbur_25, Wile_25, Wizard007_25, WunderPhul_29, Xena_25, YoSam321_25, Yokurt_29, Zaka_29, Zulu_29,

Summary by start number:

Start 1:

- Found in 10 of 477 (2.1%) of genes in pham
- Manual Annotations of this start: 10 of 437
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Airmid_22 (A5), Benedict_22 (A5), Chadwick_23 (A5), ElTiger69_22 (A5), Ghoulboy_22 (A5), Jabiru_22 (A5), Naca_22 (A5), PetterN_23 (A5), Scorpio_23 (A5), UnionJack_22 (A5),

Start 7:

- Found in 6 of 477 (1.3%) of genes in pham
- Manual Annotations of this start: 4 of 437
- Called 100.0% of time when present
- Phage (with cluster) where this start called: DroogsArmy_26 (A7), FlyCatcher_29 (A7), HINder_25 (A7), Sheen_27 (A7), Timshel_26 (A7), Toro_28 (A7),

Start 10:

- Found in 1 of 477 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 437
- Called 100.0% of time when present
- Phage (with cluster) where this start called: PP_35 (A7),

Start 27:

- Found in 1 of 477 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Elle_26 (A15),

Start 39:

- Found in 146 of 477 (30.6%) of genes in pham
- Manual Annotations of this start: 116 of 437
- Called 79.5% 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), Druantia_25 (A4), Eris_24 (A4), Eros_25 (A4), Eurydice_25 (A4), Florean_25 (A4), Funston_25 (A4), 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), Koan_25 (A4), Koreni_24 (A4), Kratak_25 (A4), Kremtemulon_25 (A4), Kyee_25 (A4), Lemur_25 (A4), LittleB_25 (A4), LittleGuy_25 (A4), Lorenzo_25 (A4), Lunsford_26 (A4), Maverick_25 (A4), Maxo_25 (A4), Mayonnaise_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), 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), Pumbaa_25 (A4), 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), Sultana_25 (A4), Taquarus_25 (A4), Thanksgiving_25 (A4), TiroTheta9_25 (A4), TroyPia_25 (A4), TygerBlood_25 (A4), Ulysses_24 (A4), Wander_25 (A4), Wile_25 (A4), Wizard007_25 (A4), Xena_25 (A4), YoSam321_25 (A4),

Start 40:

- Found in 195 of 477 (40.9%) of genes in pham
- Manual Annotations of this start: 174 of 437
- Called 99.5% of time when present
- Phage (with cluster) where this start called: A6_22 (A1), Abbyshoes_25 (A1), Acme_26 (A1), Adahisdi_25 (A1), Aeneas_26 (A1), Agaliana_25 (A1), Ajay_24 (A1), Aldrich_25 (A1), Alsfro_28 (A1), Altman_26 (A1), Alvin_25 (A1), Anglerfish_25 (A1), Applejack_24 (A1), Arcanine_25 (A1), Arlo_23 (A1), Ashballer_23 (A1), Atkinbua_25 (A1), BK1_22 (A1), BPBiebs31_25 (A1), BaconJack_26 (A1), Barriga_24 (A1), BarrowTuph_23 (A1), Bethlehem_24 (A1), Bexan_23 (A1), Big3_24 (A1), BigMau_26 (A1), BigPaolini_25 (A1), Bigchungi_24 (A1), BillKnuckles_25 (A1), Bircsak_24 (A1), Blackflame_24 (A1), BluSpix_24 (A1), Bob3_23 (A1), Bruns_23 (A1), Burton_25 (A1), Buttons_25 (A1), Bxb1_22 (A1), Carlyle_26 (A1), CatBus_25 (A1), Chanagan_23 (A1), ChristmasHams_25 (A1), Ciao_24 (A1), ConceptII_25 (A1), Corvo_24 (A1), Crispicous1_23 (A1), Cueyliss_24 (A1), DD5_25 (A1), Dexes_25 (A1), DirtDevil_25 (A1), Doom_25 (A1), DreamCatcher_27 (A1), Dreamboat_25 (A1), Dulcie_23 (A1), Dussy_25 (A1), Edtherson_25 (A1), EnzoK_25 (A1), Espresso_24 (A1), Euphoria_24 (A1), Eyeball_24 (A1), Fajezeel_26 (A1), Forsytheast_23 (A1), Francis47_24 (A1), FrogHopper_25 (A1), Fushigi_25 (A1), GMonster_23 (A1), Gachnar_24 (A1), GageAP_26 (A1), Gandalf20_25 (A1), Gompeii16_24 (A1), Graduation_26 (A1), GrecoEtereo_25 (A1), Greg_26 (A1), GroundGoblin_25 (A1), Gyzlar_26 (A1), Hami1_26 (A1), HanShotFirst_24 (A1), HarryOW_25 (A1), Hermia_26 (A1), HermioneGrange_24 (A1), ILeeKay_26 (A1), IgnatiusPatJac_23 (A1), Inyanga_23 (A1), Iqorha_23 (A1), JC27_26 (A1), JackSparrow_25 (A1), Jasper_25 (A1), Jerm2_25 (A1), JuliaChild_26 (A1), KBG_25 (A1), KSSJEB_24 (A1), Kanely_25 (A1), Kenmech_27 (A1), Kugel_25 (A1), KyMonks1A_26 (A1), Lamina13_24 (A1), Lesedi_23 (A1), Levia_24 (A1), Licorice_26 (A1), Lockley_24 (A1), Lopton_25 (A1), MPlant7149_23 (A1), Magnar_24 (A1), Magnito_23 (A1), Makemake_24 (A1), Manatee_25 (A1), Marcell_24 (A1), Marchy_23 (A1), Marco3_24 (A1), Maroc7_23 (A1), MaryBeth_24 (A1), McSinger_25 (A1), MetalQZJ_24 (A1), Michley_24 (A1), Mkhusei_25 (A1), Molly_25 (A1), Monet_26 (A1), Moose_23 (A1), MrGordo_24 (A1),

Mryolo_23 (A1), Mule_24 (A1), Museum_26 (A1), NEHalo_24 (A1), Nerujay_25 (A1), Nhonho_24 (A1), Niza_26 (A1), Noxious_25 (A1), Ohno789_24 (A1), Oogway_23 (A1), PSullivan_26 (A1), PacerPaul_24 (A1), Papez_26 (A1), Pari_25 (A1), Parliament_23 (A1), PattyP_26 (A1), Payneful_24 (A1), Perseus_25 (A1), Petp2012_26 (A1), Petruchio_24 (A1), PherrisBueller_25 (A1), PhineBark_23 (A1), PhrostyMug_24 (A1), PinkPlastic_23 (A1), Pinto_26 (A1), Pippin_26 (A1), Pita2_26 (A1), ProMouse_23 (A1), Puppet_24 (A1), Rajelicia_24 (A1), Rhynn_24 (A1), RidgeCB_24 (A1), Rohr_25 (A1), Rubeus_25 (A1), Rufus_25 (A1), Rutherford_26 (A1), Sagefire_25 (A1), Sandaddy_23 (A1), Sanya_23 (A1), SarFire_24 (A1), Seabiscuit_26 (A1), Seanderson_25 (A1), ShortQueendom_23 (A1), Sibs6_26 (A1), SkiPole_26 (A1), Slagathor_25 (A1), Smairt_25 (A1), Smeagol_26 (A1), Snazzy_22 (A1), Solon_24 (A1), Sorpresa_24 (A1), SpikeBT_26 (A1), StewieG_23 (A1), StrongArm_23 (A1), Sumter_23 (A1), Sunshine924_23 (A1), SwissCheese_24 (A1), Switzer_25 (A1), Swole_26 (A1), Target_26 (A1), Tasp14_25 (A1), Teodoridan_22 (A1), Thor_24 (A1), Tote_26 (A1), Traft412_26 (A1), Treddle_26 (A1), Tripl3t_25 (A1), Trouble_24 (A1), Turj99_23 (A1), TwoPeat_25 (A1), U2_24 (A1), Violet_23 (A1), Watermelon_26 (A1), Whitspit_25 (A1), Zephyr_24 (A1), Zeuska_25 (A1),

Start 42:

- Found in 6 of 477 (1.3%) of genes in pham
- Manual Annotations of this start: 6 of 437
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BeesKnees_25 (A1), Briton15_26 (A1), Dynamix_25 (A1), Hope4ever_24 (A1), McGuire_25 (A1), Wheeler_24 (A1),

Start 43:

- Found in 1 of 477 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 437
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Killigrew_22 (A1),

Start 45:

- Found in 181 of 477 (37.9%) of genes in pham
- No Manual Annotations of this start.
- Called 0.6% of time when present
- Phage (with cluster) where this start called: KikiBouba_25 (A1),

Start 47:

- Found in 23 of 477 (4.8%) of genes in pham
- Manual Annotations of this start: 1 of 437
- Called 4.3% of time when present
- Phage (with cluster) where this start called: Nebulosus_28 (A15),

Start 49:

- Found in 23 of 477 (4.8%) of genes in pham
- Manual Annotations of this start: 4 of 437
- Called 17.4% of time when present
- Phage (with cluster) where this start called: Anaysia_28 (A15), Battleship_29 (A15), JSwag_28 (A15), MinecraftSteve_29 (A15),

Start 53:

- Found in 54 of 477 (11.3%) of genes in pham
- Manual Annotations of this start: 49 of 437

- Called 100.0% of time when present
- Phage (with cluster) where this start called: Artemis2UCLA_29 (A6), BABullseye_29 (A6), BennyP_29 (A6), BlessJoy_29 (A6), Blinn1_29 (A6), Blue7_29 (A6), Candra_29 (A6), Chartreuse_29 (A6), CloudWang3_29 (A6), Cookiedough_29 (A6), DaVinci_29 (A6), DelvinSonDorr_28 (A6), Dorothea_29 (A6), EricB_29 (A6), Garak_30 (A6), Gladiator_29 (A6), GreedyLawyer_29 (A6), Gruunaga_29 (A6), Hammer_29 (A6), Helmet_29 (A6), Herbertwm_23 (A2), Hexamo_29 (A6), Hoot_29 (A6), Indra_29 (A6), Isiphiwo_29 (A6), Iwokeuplikedis_27 (A2), Jeffabunny_29 (A6), JewelBug_29 (A6), Jordennis_29 (A6), Kazan_29 (A6), Kinmap_26 (A21), Kipper29_29 (A6), Lilbunny_29 (A6), McFly_29 (A6), MyraDee_23 (A18), Neeharika16_29 (A6), Newrala_29 (A6), Pmask_29 (A6), Polyphemus_29 (A6), Priamo_29 (A6), Rifter_29 (A6), Roksolana_29 (A6), SmellyB_29 (A6), SuperAwesome_29 (A6), SuperCallie99_29 (A6), Temprado_29 (A6), ToneTone_27 (A6), Tucker_29 (A6), VohminGhazi_29 (A6), Wiks_29 (A6), WunderPhul_29 (A6), Yokurt_29 (A6), Zaka_29 (A6), Zulu_29 (A6),

Start 56:

- Found in 2 of 477 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 437
- Called 50.0% of time when present
- Phage (with cluster) where this start called: SororFago_25 (A14),

Start 57:

- Found in 21 of 477 (4.4%) of genes in pham
- Manual Annotations of this start: 8 of 437
- Called 38.1% of time when present
- Phage (with cluster) where this start called: Drake94_24 (A10), Edison31_25 (A10), Goose_25 (A10), Kristoff_26 (A10), PeaceMeal1_24 (A10), Poompha_24 (A10), Rebeuca_26 (A10), Twister_25 (A10),

Start 58:

- Found in 14 of 477 (2.9%) of genes in pham
- Manual Annotations of this start: 6 of 437
- Called 42.9% of time when present
- Phage (with cluster) where this start called: Chargerpower_26 (A22), Gail_25 (A14), Luchador_27 (A14), Phaded_29 (A2), Pukovnik_28 (A2), Tristan_27 (A2),

Start 62:

- Found in 13 of 477 (2.7%) of genes in pham
- Manual Annotations of this start: 5 of 437
- Called 46.2% of time when present
- Phage (with cluster) where this start called: Bactobuster_27 (A2), IronMan_28 (A2), Jaan_29 (A2), Jeeves_25 (A14), Landor_27 (A2), Sunhee_24 (A14),

Start 65:

- Found in 330 of 477 (69.2%) of genes in pham
- Manual Annotations of this start: 23 of 437
- Called 7.9% 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), Nemo27_25 (A4), NotAPhaseMom_25 (A4), Nyxis_25 (A4), Obama12_26 (A4), Pipcraft_25 (A4), RockieBear_24 (A4), SenorClean_25 (A4), Skipitt_25 (A4), Spino_25 (A4), SteMason_24 (A4),

TinaFeyge_25 (A4), Tinybot_24 (A4), Wilbur_25 (A4),

Start 68:

- Found in 124 of 477 (26.0%) of genes in pham
- Manual Annotations of this start: 1 of 437
- Called 2.4% of time when present
- Phage (with cluster) where this start called: KekoraPapaka_24 (A4), LeoAvram_25 (A4), Rosa24_24 (A4),

Start 75:

- Found in 4 of 477 (0.8%) of genes in pham
- Manual Annotations of this start: 1 of 437
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Cindaradix_24 (A4),

Start 82:

- Found in 23 of 477 (4.8%) of genes in pham
- Manual Annotations of this start: 17 of 437
- Called 78.3% of time when present
- Phage (with cluster) where this start called: Boohoo_28 (A15), DekHockey33_28 (A15), Epsocamisio_28 (A15), KatherineG_28 (A15), LastResort_28 (A15), Looper_29 (A15), Nedarya_27 (A15), Oofda_28 (A15), Ravana_29 (A15), ReMo_28 (A15), Remus_28 (A15), Rosalind_28 (A15), ShayRa_29 (A15), Soups_28 (A15), Strosahl_28 (A15), Switzerland_28 (A15), Waits_28 (A15), Warrior24_28 (A15),

Start 87:

- Found in 2 of 477 (0.4%) of genes in pham
- No Manual Annotations of this start.
- Called 50.0% of time when present
- Phage (with cluster) where this start called: DontArgue_24 (A10),

Start 92:

- Found in 24 of 477 (5.0%) of genes in pham
- Manual Annotations of this start: 9 of 437
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Chupacabra_25 (A10), DustyMartin_29 (A10), Eaglepride_26 (A10), KittenMittens_24 (A10), OKCentral2016_25 (A10), RhynO_26 (A10), Rowdy_29 (A10), Severus_24 (A10), Shapes_29 (A10), Topanga_25 (A10), Trike_23 (A10), WalterMcMickey_25 (A10),

Summary by clusters:

There are 12 clusters represented in this pham: A15, A14, A22, A10, A21, A18, A1, A2, A5, A4, A7, A6,

Info for manual annotations of cluster A1:

- Start number 40 was manually annotated 174 times for cluster A1.
- Start number 42 was manually annotated 6 times for cluster A1.
- Start number 43 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A10:

- Start number 57 was manually annotated 8 times for cluster A10.
- Start number 92 was manually annotated 9 times for cluster A10.

Info for manual annotations of cluster A14:

- Start number 56 was manually annotated 1 time for cluster A14.
- Start number 58 was manually annotated 2 times for cluster A14.
- Start number 62 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A15:

- Start number 47 was manually annotated 1 time for cluster A15.
- Start number 49 was manually annotated 4 times for cluster A15.
- Start number 82 was manually annotated 17 times for cluster A15.

Info for manual annotations of cluster A18:

- Start number 53 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A2:

- Start number 53 was manually annotated 2 times for cluster A2.
- Start number 58 was manually annotated 3 times for cluster A2.
- Start number 62 was manually annotated 4 times for cluster A2.

Info for manual annotations of cluster A22:

- Start number 58 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A4:

- Start number 39 was manually annotated 116 times for cluster A4.
- Start number 65 was manually annotated 23 times for cluster A4.
- Start number 68 was manually annotated 1 time for cluster A4.
- Start number 75 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:

- Start number 1 was manually annotated 10 times for cluster A5.

Info for manual annotations of cluster A6:

- Start number 53 was manually annotated 46 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 7 was manually annotated 4 times for cluster A7.
- Start number 10 was manually annotated 1 time for cluster A7.

Gene Information:

Gene: A6_22 Start: 15930, Stop: 18401, Start Num: 40

Candidate Starts for A6_22:

(Start: 40 @15930 has 174 MA's), (45, 15969), (59, 16032), (Start: 65 @16062 has 23 MA's), (69, 16083), (74, 16104), (78, 16116), (105, 16134), (110, 16158), (126, 16224), (132, 16251), (159, 16422), (163, 16455), (173, 16521), (205, 16776), (210, 16797), (214, 16824), (221, 16863), (248, 16983), (261, 17019), (289, 17112), (295, 17133), (315, 17190), (345, 17310), (352, 17346), (366, 17376), (375, 17412), (391, 17478), (395, 17499), (401, 17541), (420, 17640), (453, 17781), (465, 17802), (511, 18033), (520, 18114), (535, 18225), (544, 18312), (548, 18351), (549, 18366),

Gene: AbbysRanger_25 Start: 15899, Stop: 18499, Start Num: 39

Candidate Starts for AbbysRanger_25:

(Start: 39 @15899 has 116 MA's), (102, 16241), (112, 16289), (127, 16346), (147, 16451), (149, 16466), (152, 16478), (159, 16541), (174, 16649), (177, 16670), (181, 16691), (233, 17042), (245, 17093), (261, 17138), (302, 17249), (305, 17255), (331, 17351), (338, 17387), (346, 17423), (358, 17471), (385, 17588), (407, 17702), (436, 17867), (439, 17885), (479, 17999), (481, 18011), (505, 18101), (514, 18194), (523, 18266), (525, 18275), (535, 18335), (536, 18344), (546, 18431), (550, 18479),

Gene: Abbysshoes_25 Start: 16660, Stop: 19059, Start Num: 40

Candidate Starts for Abbysshoes_25:

(Start: 40 @16660 has 174 MA's), (45, 16699), (59, 16762), (Start: 65 @16792 has 23 MA's), (69, 16813), (74, 16834), (78, 16846), (83, 16864), (114, 16909), (126, 16954), (159, 17152), (163, 17185), (173, 17251), (209, 17506), (213, 17527), (218, 17554), (225, 17593), (243, 17650), (259, 17680), (317, 17842), (361, 17995), (366, 18007), (370, 18022), (394, 18139), (401, 18184), (406, 18205), (407, 18208), (432, 18358), (436, 18373), (453, 18439), (471, 18481), (511, 18691), (520, 18772), (535, 18883), (544, 18970), (548, 19009), (549, 19024),

Gene: Abdiel_24 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Abdiel_24:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (141, 16401), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Achebe_24 Start: 15879, Stop: 18479, Start Num: 39

Candidate Starts for Achebe_24:

(Start: 39 @15879 has 116 MA's), (112, 16269), (141, 16398), (147, 16431), (152, 16458), (159, 16521), (174, 16629), (193, 16764), (221, 16962), (240, 17049), (245, 17073), (261, 17118), (302, 17229), (305, 17235), (346, 17403), (358, 17451), (372, 17508), (385, 17568), (395, 17616), (400, 17649), (407, 17682), (411, 17700), (436, 17847), (439, 17865), (481, 17991), (505, 18081), (515, 18180), (523, 18246), (525, 18255), (535, 18315), (536, 18324), (541, 18360), (543, 18378), (546, 18411), (550, 18459),

Gene: Acme_26 Start: 16689, Stop: 19160, Start Num: 40

Candidate Starts for Acme_26:

(Start: 40 @16689 has 174 MA's), (45, 16728), (59, 16791), (Start: 65 @16821 has 23 MA's), (69, 16842), (74, 16863), (78, 16875), (105, 16893), (110, 16917), (140, 17055), (147, 17091), (159, 17181), (163, 17214), (173, 17280), (205, 17535), (210, 17556), (214, 17583), (216, 17598), (232, 17679), (248, 17742), (261, 17778), (289, 17871), (295, 17892), (306, 17907), (310, 17928), (311, 17931), (330, 18000), (336, 18036), (345, 18069), (352, 18105), (366, 18135), (375, 18171), (391, 18237), (395, 18258), (420, 18399), (453, 18540), (465, 18561), (497, 18696), (520, 18873), (535, 18984), (542, 19050), (544, 19071), (548, 19110), (549, 19125),

Gene: Adahisdi_25 Start: 16587, Stop: 19067, Start Num: 40

Candidate Starts for Adahisdi_25:

(Start: 40 @16587 has 174 MA's), (45, 16626), (59, 16689), (Start: 65 @16719 has 23 MA's), (74, 16761), (143, 16968), (147, 16986), (159, 17076), (168, 17139), (172, 17163), (173, 17175), (181, 17226), (243, 17610), (274, 17712), (286, 17751), (291, 17778), (306, 17802), (366, 18030), (391, 18132), (395, 18153), (401, 18195), (420, 18294), (432, 18357), (489, 18576), (499, 18609), (535, 18891), (544, 18978), (548, 19017), (550, 19047),

Gene: Aeneas_26 Start: 16694, Stop: 19174, Start Num: 40

Candidate Starts for Aeneas_26:

(Start: 40 @16694 has 174 MA's), (45, 16733), (59, 16796), (Start: 65 @16826 has 23 MA's), (74, 16868), (143, 17075), (147, 17093), (159, 17183), (168, 17246), (172, 17270), (173, 17282), (181, 17333), (243, 17717), (274, 17819), (286, 17858), (289, 17873), (306, 17909), (336, 18038), (366, 18137), (391, 18239), (395, 18260), (397, 18272), (401, 18302), (420, 18401), (432, 18464), (489, 18683), (499, 18716), (535, 18998), (544, 19085), (548, 19124), (549, 19139),

Gene: Agaliana_25 Start: 16638, Stop: 19118, Start Num: 40

Candidate Starts for Agaliana_25:

(Start: 40 @16638 has 174 MA's), (45, 16677), (59, 16740), (Start: 65 @16770 has 23 MA's), (74, 16812), (143, 17019), (147, 17037), (159, 17127), (168, 17190), (172, 17214), (173, 17226), (181, 17277), (243, 17661), (274, 17763), (286, 17802), (289, 17817), (291, 17829), (306, 17853), (366, 18081), (391, 18183), (395, 18204), (397, 18216), (401, 18246), (420, 18345), (432, 18408), (489, 18627), (499, 18660), (535, 18942), (542, 19008), (544, 19029), (548, 19068), (549, 19083),

Gene: Airmid_22 Start: 15088, Stop: 17901, Start Num: 1

Candidate Starts for Airmid_22:

(Start: 1 @15088 has 10 MA's), (3, 15277), (34, 15625), (51, 15760), (52, 15766), (94, 15859), (107, 15910), (113, 15946), (133, 16036), (145, 16102), (149, 16123), (159, 16198), (163, 16231), (172, 16285), (175, 16318), (178, 16330), (191, 16429), (196, 16462), (212, 16591), (253, 16756), (273, 16789), (283, 16822), (322, 16903), (326, 16912), (328, 16915), (365, 17026), (370, 17035), (392, 17101), (396, 17110), (425, 17173), (430, 17215), (445, 17287), (459, 17314), (464, 17329), (473, 17356), (479, 17377), (498, 17464), (503, 17494), (511, 17557), (522, 17656), (525, 17668), (527, 17680), (528, 17689), (546, 17836),

Gene: Ajay_24 Start: 16404, Stop: 18875, Start Num: 40

Candidate Starts for Ajay_24:

(Start: 40 @16404 has 174 MA's), (45, 16443), (59, 16506), (Start: 65 @16536 has 23 MA's), (69, 16557), (74, 16578), (105, 16608), (110, 16632), (126, 16698), (159, 16896), (163, 16929), (173, 16995), (205, 17250), (210, 17271), (214, 17298), (248, 17457), (261, 17493), (289, 17586), (295, 17607), (306, 17622), (310, 17643), (311, 17646), (330, 17715), (336, 17751), (345, 17784), (352, 17820), (366, 17850), (375, 17886), (391, 17952), (395, 17973), (420, 18114), (453, 18255), (465, 18276), (497, 18411), (520, 18588), (535, 18699), (544, 18786), (548, 18825),

Gene: Albee_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Albee_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (221, 16968), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Alberto7_26 Start: 16187, Stop: 18787, Start Num: 39

Candidate Starts for Alberto7_26:

(Start: 39 @16187 has 116 MA's), (Start: 65 @16328 has 23 MA's), (Start: 68 @16346 has 1 MA's), (108, 16553), (118, 16592), (124, 16622), (147, 16739), (152, 16766), (159, 16829), (168, 16892), (174, 16937), (181, 16979), (191, 17063), (233, 17330), (245, 17381), (261, 17426), (285, 17504), (302, 17537), (305, 17543), (308, 17564), (346, 17711), (350, 17732), (357, 17756), (373, 17822), (385, 17876), (395, 17924), (407, 17990), (436, 18155), (439, 18173), (481, 18299), (521, 18551), (523, 18554), (525, 18563), (535, 18623), (546, 18719), (550, 18767),

Gene: Aldrich_25 Start: 17195, Stop: 19666, Start Num: 40

Candidate Starts for Aldrich_25:

(Start: 40 @17195 has 174 MA's), (45, 17234), (59, 17297), (Start: 65 @17327 has 23 MA's), (69, 17348), (74, 17369), (78, 17381), (105, 17399), (110, 17423), (126, 17489), (159, 17687), (163, 17720), (173, 17786), (205, 18041), (210, 18062), (214, 18089), (232, 18185), (240, 18215), (248, 18248), (261, 18284), (289, 18377), (295, 18398), (315, 18455), (345, 18575), (352, 18611), (366, 18641), (375, 18677), (391, 18743), (395, 18764), (401, 18806), (420, 18905), (453, 19046), (465, 19067), (497, 19202), (535, 19490), (544, 19577), (548, 19616),

Gene: Alsfro_28 Start: 17131, Stop: 19605, Start Num: 40

Candidate Starts for Alsfro_28:

(Start: 40 @17131 has 174 MA's), (45, 17170), (54, 17215), (59, 17233), (60, 17239), (Start: 65 @17263 has 23 MA's), (74, 17305), (143, 17506), (147, 17524), (159, 17614), (168, 17677), (172, 17701), (173, 17713), (181, 17764), (240, 18127), (243, 18148), (274, 18250), (286, 18289), (291, 18316), (306, 18340), (336, 18469), (366, 18568), (378, 18622), (391, 18670), (395, 18691), (401, 18733), (415, 18808), (420, 18832), (432, 18895), (478, 19048), (489, 19114), (499, 19147), (535, 19429), (544, 19516), (548, 19555), (549, 19570),

Gene: Altman_26 Start: 17183, Stop: 19663, Start Num: 40

Candidate Starts for Altman_26:

(Start: 40 @17183 has 174 MA's), (45, 17222), (59, 17285), (60, 17291), (Start: 65 @17315 has 23 MA's), (74, 17357), (143, 17564), (147, 17582), (159, 17672), (168, 17735), (172, 17759), (173, 17771), (181, 17822), (243, 18206), (274, 18308), (286, 18347), (291, 18374), (306, 18398), (336, 18527), (366, 18626), (391, 18728), (395, 18749), (397, 18761), (401, 18791), (420, 18890), (432, 18953), (489, 19172), (499, 19205), (535, 19487), (542, 19553), (544, 19574), (548, 19613), (549, 19628),

Gene: Alvin_25 Start: 16904, Stop: 19375, Start Num: 40

Candidate Starts for Alvin_25:

(Start: 40 @16904 has 174 MA's), (45, 16943), (59, 17006), (Start: 65 @17036 has 23 MA's), (69, 17057), (74, 17078), (78, 17090), (105, 17108), (110, 17132), (126, 17198), (159, 17396), (163, 17429), (173, 17495), (205, 17750), (210, 17771), (214, 17798), (248, 17957), (261, 17993), (289, 18086), (295, 18107), (315, 18164), (345, 18284), (352, 18320), (366, 18350), (375, 18386), (391, 18452), (395, 18473), (401, 18515), (420, 18614), (453, 18755), (465, 18776), (511, 19007), (520, 19088), (535, 19199), (544, 19286), (548, 19325), (550, 19355),

Gene: Anaysia_28 Start: 15755, Stop: 18112, Start Num: 49

Candidate Starts for Anaysia_28:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16166), (132, 16172), (146, 16241), (154, 16298), (174, 16442), (181, 16484), (188, 16532), (189, 16535), (199, 16646), (202, 16664), (222, 16769), (232, 16817), (282, 16922), (307, 16982), (327, 17036), (335, 17072), (341, 17096), (344, 17105), (360, 17168), (366, 17189), (370, 17204), (377, 17228), (381, 17240), (395, 17294), (398, 17315), (403, 17345), (438, 17516), (440, 17537), (475, 17621), (528, 17924), (546, 18047), (547, 18059),

Gene: Anglerfish_25 Start: 17554, Stop: 19554, Start Num: 40

Candidate Starts for Anglerfish_25:

(Start: 40 @17554 has 174 MA's), (45, 17593), (59, 17656), (Start: 65 @17686 has 23 MA's), (69, 17707), (106, 17767), (128, 17863), (143, 17932), (145, 17944), (159, 18040), (163, 18073), (196, 18307), (249, 18595), (289, 18697), (328, 18787), (337, 18829), (361, 18883), (366, 18895), (370, 18910), (373, 18928), (376, 18940), (401, 19048), (420, 19144), (477, 19354), (509, 19504),

Gene: Annyong_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for Annyong_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's), (108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591), (174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203), (302, 17236), (305, 17242), (331, 17338), (332, 17347), (346, 17410), (350, 17431), (358, 17458), (372, 17515), (373, 17521), (385, 17575), (395, 17623), (407, 17689), (436, 17854), (439, 17872), (481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: Applejack_24 Start: 16335, Stop: 18815, Start Num: 40

Candidate Starts for Applejack_24:

(Start: 40 @16335 has 174 MA's), (45, 16374), (59, 16437), (Start: 65 @16467 has 23 MA's), (74, 16509), (143, 16716), (147, 16734), (159, 16824), (168, 16887), (172, 16911), (173, 16923), (181, 16974), (243, 17358), (274, 17460), (286, 17499), (291, 17526), (306, 17550), (336, 17679), (366, 17778), (391, 17880), (395, 17901), (397, 17913), (401, 17943), (420, 18042), (432, 18105), (489, 18324), (499, 18357), (535, 18639), (544, 18726), (548, 18765), (549, 18780),

Gene: Arcanine_25 Start: 16570, Stop: 18570, Start Num: 40

Candidate Starts for Arcanine_25:

(Start: 40 @16570 has 174 MA's), (45, 16609), (59, 16672), (Start: 65 @16702 has 23 MA's), (69, 16723), (106, 16783), (128, 16879), (137, 16918), (143, 16948), (145, 16960), (159, 17056), (163, 17089), (196, 17323), (235, 17548), (249, 17611), (289, 17713), (293, 17725), (328, 17803), (337, 17845), (361, 17899), (366, 17911), (370, 17926), (373, 17944), (376, 17956), (397, 18034), (401, 18064), (410, 18109), (420, 18160), (477, 18370), (509, 18520),

Gene: Arlo_23 Start: 15964, Stop: 18444, Start Num: 40

Candidate Starts for Arlo_23:

(Start: 40 @15964 has 174 MA's), (45, 16003), (59, 16066), (Start: 65 @16096 has 23 MA's), (74, 16138), (143, 16345), (147, 16363), (159, 16453), (168, 16516), (172, 16540), (173, 16552), (181, 16603), (243, 16987), (274, 17089), (286, 17128), (289, 17143), (291, 17155), (306, 17179), (336, 17308), (366, 17407), (391, 17509), (395, 17530), (401, 17572), (420, 17671), (432, 17734), (458, 17824), (489, 17953), (499, 17986), (535, 18268), (542, 18334), (544, 18355), (548, 18394), (550, 18424),

Gene: Artemis2UCLA_29 Start: 16617, Stop: 18833, Start Num: 53

Candidate Starts for Artemis2UCLA_29:

(46, 16572), (Start: 53 @16617 has 49 MA's), (73, 16728), (99, 16884), (132, 17031), (134, 17043), (158, 17190), (159, 17193), (163, 17226), (176, 17316), (187, 17385), (196, 17460), (222, 17628), (360, 17886), (374, 17931), (405, 18039), (420, 18102), (429, 18144), (457, 18243), (462, 18264), (475, 18306), (484, 18357), (490, 18384), (508, 18465), (516, 18555),

Gene: Arturo_24 Start: 16137, Stop: 18596, Start Num: 65

Candidate Starts for Arturo_24:

(Start: 39 @15996 has 116 MA's), (Start: 65 @16137 has 23 MA's), (Start: 68 @16155 has 1 MA's), (98, 16311), (108, 16362), (124, 16431), (147, 16548), (152, 16575), (159, 16638), (168, 16701), (174, 16746), (181, 16788), (191, 16872), (233, 17139), (245, 17190), (261, 17235), (285, 17313), (302, 17346), (305, 17352), (334, 17466), (346, 17520), (357, 17565), (372, 17625), (385, 17685), (407, 17799), (411, 17817), (436, 17964), (439, 17982), (481, 18108), (521, 18360), (523, 18363), (525, 18372), (534, 18429), (535, 18432), (541, 18477), (546, 18528), (550, 18576),

Gene: Ashballer_23 Start: 16347, Stop: 18818, Start Num: 40

Candidate Starts for Ashballer_23:

(Start: 40 @16347 has 174 MA's), (45, 16386), (59, 16449), (Start: 65 @16479 has 23 MA's), (69, 16500), (74, 16521), (78, 16533), (105, 16551), (126, 16641), (159, 16839), (163, 16872), (173,

16938), (205, 17193), (210, 17214), (214, 17241), (248, 17400), (261, 17436), (289, 17529), (295, 17550), (315, 17607), (345, 17727), (352, 17763), (366, 17793), (375, 17829), (391, 17895), (395, 17916), (420, 18057), (453, 18198), (465, 18219), (497, 18354), (520, 18531), (535, 18642), (542, 18708), (544, 18729), (548, 18768),

Gene: Atkinbua_25 Start: 16303, Stop: 18771, Start Num: 40

Candidate Starts for Atkinbua_25:

(Start: 40 @16303 has 174 MA's), (44, 16318), (59, 16402), (60, 16408), (Start: 65 @16432 has 23 MA's), (69, 16453), (74, 16474), (105, 16504), (110, 16528), (126, 16594), (159, 16792), (163, 16825), (173, 16891), (205, 17146), (210, 17167), (214, 17194), (248, 17353), (289, 17482), (295, 17503), (306, 17518), (310, 17539), (311, 17542), (330, 17611), (336, 17647), (345, 17680), (352, 17716), (366, 17746), (375, 17782), (391, 17848), (395, 17869), (420, 18010), (453, 18151), (465, 18172), (497, 18307), (520, 18484), (535, 18595), (542, 18661), (544, 18682), (548, 18721),

Gene: AvatarAhPeg_26 Start: 16164, Stop: 18764, Start Num: 39

Candidate Starts for AvatarAhPeg_26:

(Start: 39 @16164 has 116 MA's), (Start: 75 @16347 has 1 MA's), (102, 16506), (112, 16554), (147, 16716), (150, 16734), (159, 16806), (174, 16914), (187, 16998), (221, 17247), (240, 17334), (245, 17358), (261, 17403), (302, 17514), (305, 17520), (338, 17652), (346, 17688), (350, 17709), (358, 17736), (372, 17793), (385, 17853), (407, 17967), (436, 18132), (439, 18150), (465, 18219), (481, 18276), (515, 18465), (523, 18531), (525, 18540), (535, 18600), (536, 18609), (541, 18645), (543, 18663), (546, 18696), (550, 18744),

Gene: Avle17_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Avle17_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: BABullseye_29 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for BABullseye_29:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: BK1_22 Start: 15930, Stop: 18401, Start Num: 40

Candidate Starts for BK1_22:

(Start: 40 @15930 has 174 MA's), (45, 15969), (59, 16032), (Start: 65 @16062 has 23 MA's), (69, 16083), (74, 16104), (78, 16116), (105, 16134), (110, 16158), (126, 16224), (132, 16251), (159, 16422), (163, 16455), (173, 16521), (205, 16776), (210, 16797), (214, 16824), (221, 16863), (248, 16983), (261, 17019), (289, 17112), (295, 17133), (315, 17190), (345, 17310), (352, 17346), (366, 17376), (375, 17412), (391, 17478), (395, 17499), (401, 17541), (420, 17640), (453, 17781), (465, 17802), (511, 18033), (520, 18114), (535, 18225), (544, 18312), (548, 18351), (549, 18366),

Gene: BPBiebs31_25 Start: 16611, Stop: 19082, Start Num: 40

Candidate Starts for BPBiebs31_25:

(Start: 40 @16611 has 174 MA's), (45, 16650), (59, 16713), (Start: 65 @16743 has 23 MA's), (69, 16764), (74, 16785), (78, 16797), (105, 16815), (126, 16905), (159, 17103), (163, 17136), (173,

17202), (205, 17457), (210, 17478), (214, 17505), (248, 17664), (261, 17700), (289, 17793), (295, 17814), (315, 17871), (345, 17991), (352, 18027), (366, 18057), (375, 18093), (391, 18159), (395, 18180), (420, 18321), (453, 18462), (465, 18483), (497, 18618), (520, 18795), (535, 18906), (542, 18972), (544, 18993), (548, 19032), (549, 19047),

Gene: Baby16_25 Start: 15894, Stop: 18494, Start Num: 39

Candidate Starts for Baby16_25:

(Start: 39 @15894 has 116 MA's), (Start: 65 @16035 has 23 MA's), (Start: 68 @16053 has 1 MA's), (108, 16260), (118, 16299), (124, 16329), (147, 16446), (152, 16473), (159, 16536), (168, 16599), (174, 16644), (181, 16686), (191, 16770), (233, 17037), (245, 17088), (261, 17133), (285, 17211), (305, 17250), (308, 17271), (346, 17418), (350, 17439), (357, 17463), (372, 17523), (373, 17529), (375, 17532), (385, 17583), (395, 17631), (407, 17697), (436, 17862), (439, 17880), (481, 18006), (521, 18258), (523, 18261), (525, 18270), (535, 18330), (546, 18426), (550, 18474),

Gene: Backyardigan_25 Start: 15891, Stop: 18491, Start Num: 39

Candidate Starts for Backyardigan_25:

(Start: 39 @15891 has 116 MA's), (112, 16281), (141, 16410), (147, 16443), (152, 16470), (159, 16533), (174, 16641), (193, 16776), (221, 16974), (240, 17061), (245, 17085), (261, 17130), (302, 17241), (305, 17247), (346, 17415), (358, 17463), (372, 17520), (385, 17580), (395, 17628), (400, 17661), (407, 17694), (411, 17712), (436, 17859), (439, 17877), (481, 18003), (505, 18093), (515, 18192), (523, 18258), (525, 18267), (535, 18327), (536, 18336), (541, 18372), (543, 18390), (546, 18423), (550, 18471),

Gene: BaconJack_26 Start: 16685, Stop: 19084, Start Num: 40

Candidate Starts for BaconJack_26:

(Start: 40 @16685 has 174 MA's), (45, 16724), (59, 16787), (Start: 65 @16817 has 23 MA's), (69, 16838), (74, 16859), (83, 16889), (110, 16913), (126, 16979), (159, 17177), (163, 17210), (173, 17276), (209, 17531), (213, 17552), (218, 17579), (269, 17738), (280, 17774), (317, 17867), (361, 18020), (366, 18032), (370, 18047), (394, 18164), (401, 18209), (406, 18230), (407, 18233), (436, 18398), (453, 18464), (471, 18506), (511, 18716), (520, 18797), (535, 18908), (542, 18974), (544, 18995), (548, 19034), (550, 19064),

Gene: Bactobuster_27 Start: 18366, Stop: 20744, Start Num: 62

Candidate Starts for Bactobuster_27:

(Start: 58 @18348 has 6 MA's), (Start: 62 @18366 has 5 MA's), (67, 18399), (69, 18405), (89, 18501), (97, 18543), (133, 18699), (136, 18711), (137, 18714), (142, 18744), (143, 18753), (150, 18789), (152, 18798), (159, 18861), (163, 18894), (170, 18939), (173, 18960), (174, 18969), (190, 19074), (205, 19215), (239, 19383), (241, 19395), (264, 19461), (265, 19467), (281, 19518), (312, 19629), (320, 19647), (358, 19803), (376, 19857), (387, 19893), (396, 19944), (408, 20004), (414, 20037), (416, 20049), (421, 20082), (422, 20085), (451, 20223), (461, 20235), (478, 20277), (489, 20313), (492, 20325), (494, 20331), (527, 20541),

Gene: Badger_25 Start: 15880, Stop: 18480, Start Num: 39

Candidate Starts for Badger_25:

(Start: 39 @15880 has 116 MA's), (112, 16270), (141, 16399), (147, 16432), (152, 16459), (159, 16522), (174, 16630), (193, 16765), (240, 17050), (245, 17074), (261, 17119), (302, 17230), (305, 17236), (346, 17404), (358, 17452), (372, 17509), (385, 17569), (395, 17617), (400, 17650), (407, 17683), (411, 17701), (436, 17848), (439, 17866), (481, 17992), (505, 18082), (515, 18181), (523, 18247), (525, 18256), (535, 18316), (536, 18325), (541, 18361), (543, 18379), (546, 18412), (550, 18460),

Gene: BangNhom_25 Start: 16196, Stop: 18796, Start Num: 39

Candidate Starts for BangNhom_25:

(Start: 39 @16196 has 116 MA's), (Start: 65 @16337 has 23 MA's), (Start: 68 @16355 has 1 MA's), (98, 16511), (108, 16562), (124, 16631), (147, 16748), (152, 16775), (159, 16838), (168, 16901), (174, 16946), (181, 16988), (191, 17072), (221, 17279), (233, 17339), (245, 17390), (261, 17435), (285, 17513), (302, 17546), (305, 17552), (346, 17720), (350, 17741), (357, 17765), (372, 17825), (373, 17831), (375, 17834), (385, 17885), (395, 17933), (407, 17999), (436, 18164), (439, 18182), (481, 18308), (521, 18560), (523, 18563), (525, 18572), (534, 18629), (535, 18632), (541, 18677), (546, 18728), (550, 18776),

Gene: Barriga_24 Start: 16199, Stop: 18670, Start Num: 40

Candidate Starts for Barriga_24:

(Start: 40 @16199 has 174 MA's), (45, 16238), (59, 16301), (Start: 65 @16331 has 23 MA's), (69, 16352), (74, 16373), (105, 16403), (110, 16427), (126, 16493), (159, 16691), (163, 16724), (173, 16790), (205, 17045), (210, 17066), (214, 17093), (248, 17252), (261, 17288), (289, 17381), (295, 17402), (306, 17417), (310, 17438), (311, 17441), (330, 17510), (336, 17546), (345, 17579), (352, 17615), (366, 17645), (375, 17681), (391, 17747), (395, 17768), (420, 17909), (453, 18050), (465, 18071), (497, 18206), (520, 18383), (535, 18494), (544, 18581), (548, 18620), (549, 18635),

Gene: BarrowTuph_23 Start: 16245, Stop: 18713, Start Num: 40

Candidate Starts for BarrowTuph_23:

(Start: 40 @16245 has 174 MA's), (44, 16260), (Start: 65 @16374 has 23 MA's), (69, 16395), (74, 16416), (105, 16446), (126, 16536), (159, 16734), (163, 16767), (173, 16833), (205, 17088), (210, 17109), (214, 17136), (248, 17295), (261, 17331), (289, 17424), (295, 17445), (315, 17502), (345, 17622), (352, 17658), (366, 17688), (375, 17724), (391, 17790), (395, 17811), (420, 17952), (453, 18093), (465, 18114), (497, 18249), (520, 18426), (535, 18537), (542, 18603), (544, 18624), (548, 18663), (549, 18678),

Gene: Bartimeaus_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Bartimeaus_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Battleship_29 Start: 15870, Stop: 18224, Start Num: 49

Candidate Starts for Battleship_29:

(Start: 47 @15861 has 1 MA's), (Start: 49 @15870 has 4 MA's), (Start: 82 @16038 has 17 MA's), (130, 16278), (132, 16284), (146, 16353), (154, 16410), (174, 16554), (181, 16596), (188, 16644), (189, 16647), (199, 16758), (202, 16776), (222, 16881), (232, 16929), (282, 17034), (307, 17094), (327, 17148), (335, 17184), (341, 17208), (344, 17217), (360, 17280), (366, 17301), (370, 17316), (377, 17340), (381, 17352), (395, 17406), (398, 17427), (403, 17457), (438, 17628), (440, 17649), (475, 17733), (528, 18036), (546, 18159), (547, 18171),

Gene: BeesKnees_25 Start: 16392, Stop: 18869, Start Num: 42

Candidate Starts for BeesKnees_25:

(Start: 42 @16392 has 6 MA's), (44, 16407), (Start: 65 @16521 has 23 MA's), (74, 16563), (143, 16770), (147, 16788), (159, 16878), (168, 16941), (172, 16965), (173, 16977), (181, 17028), (243, 17412), (274, 17514), (286, 17553), (291, 17580), (306, 17604), (336, 17733), (366, 17832), (391, 17934), (395, 17955), (401, 17997), (420, 18096), (432, 18159), (458, 18249), (489, 18378), (499, 18411), (520, 18582), (535, 18693), (542, 18759), (544, 18780), (548, 18819), (550, 18849),

Gene: BellusTerra_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for BellusTerra_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Benedict_22 Start: 15091, Stop: 17904, Start Num: 1

Candidate Starts for Benedict_22:

(Start: 1 @15091 has 10 MA's), (3, 15280), (34, 15628), (51, 15763), (52, 15769), (94, 15862), (107, 15913), (113, 15949), (133, 16039), (145, 16105), (149, 16126), (159, 16201), (163, 16234), (172, 16288), (175, 16321), (176, 16324), (178, 16333), (191, 16432), (193, 16441), (196, 16465), (212, 16594), (238, 16708), (253, 16759), (283, 16825), (328, 16918), (335, 16951), (370, 17038), (383, 17071), (385, 17083), (396, 17113), (425, 17176), (430, 17218), (445, 17290), (446, 17293), (459, 17317), (464, 17332), (473, 17359), (479, 17380), (498, 17467), (503, 17497), (504, 17500), (511, 17560), (522, 17659), (525, 17671), (527, 17683), (528, 17692), (546, 17839),

Gene: BennyP_29 Start: 16735, Stop: 18939, Start Num: 53

Candidate Starts for BennyP_29:

(32, 16576), (46, 16690), (Start: 53 @16735 has 49 MA's), (73, 16846), (74, 16852), (93, 16960), (99, 17002), (112, 17068), (134, 17161), (141, 17188), (159, 17311), (163, 17344), (176, 17434), (187, 17503), (222, 17746), (315, 17884), (360, 18004), (405, 18157), (420, 18220), (429, 18262), (457, 18361), (462, 18382), (468, 18403), (475, 18424), (484, 18475), (486, 18487), (490, 18502), (508, 18583), (516, 18661),

Gene: Bethlehem_24 Start: 17626, Stop: 20097, Start Num: 40

Candidate Starts for Bethlehem_24:

(Start: 40 @17626 has 174 MA's), (45, 17665), (59, 17728), (Start: 65 @17758 has 23 MA's), (69, 17779), (74, 17800), (105, 17830), (110, 17854), (126, 17920), (159, 18118), (163, 18151), (173, 18217), (205, 18472), (210, 18493), (214, 18520), (248, 18679), (261, 18715), (289, 18808), (295, 18829), (315, 18886), (345, 19006), (352, 19042), (366, 19072), (375, 19108), (391, 19174), (395, 19195), (401, 19237), (420, 19336), (453, 19477), (465, 19498), (497, 19633), (520, 19810), (535, 19921), (542, 19987), (544, 20008), (548, 20047), (549, 20062),

Gene: Bexan_23 Start: 17348, Stop: 19819, Start Num: 40

Candidate Starts for Bexan_23:

(Start: 40 @17348 has 174 MA's), (45, 17387), (59, 17450), (Start: 65 @17480 has 23 MA's), (69, 17501), (74, 17522), (78, 17534), (105, 17552), (110, 17576), (114, 17597), (126, 17642), (159, 17840), (163, 17873), (173, 17939), (205, 18194), (210, 18215), (214, 18242), (248, 18401), (261, 18437), (289, 18530), (295, 18551), (315, 18608), (345, 18728), (352, 18764), (366, 18794), (375, 18830), (391, 18896), (395, 18917), (420, 19058), (453, 19199), (465, 19220), (497, 19355), (520, 19532), (535, 19643), (544, 19730), (548, 19769), (550, 19799),

Gene: Big3_24 Start: 16979, Stop: 19450, Start Num: 40

Candidate Starts for Big3_24:

(Start: 40 @16979 has 174 MA's), (45, 17018), (59, 17081), (Start: 65 @17111 has 23 MA's), (69, 17132), (74, 17153), (105, 17183), (110, 17207), (126, 17273), (159, 17471), (163, 17504), (173, 17570), (205, 17825), (210, 17846), (214, 17873), (248, 18032), (261, 18068), (289, 18161), (295, 18182), (306, 18197), (310, 18218), (311, 18221), (330, 18290), (336, 18326), (345, 18359), (352, 18395), (366, 18425), (375, 18461), (391, 18527), (395, 18548), (420, 18689), (453, 18830), (465, 18851), (497, 18986), (520, 19163), (535, 19274), (544, 19361), (548, 19400), (549, 19415),

Gene: BigMau_26 Start: 16571, Stop: 19051, Start Num: 40

Candidate Starts for BigMau_26:

(Start: 40 @16571 has 174 MA's), (45, 16610), (59, 16673), (Start: 65 @16703 has 23 MA's), (74, 16745), (143, 16952), (147, 16970), (159, 17060), (168, 17123), (172, 17147), (173, 17159), (181, 17210), (243, 17594), (274, 17696), (286, 17735), (289, 17750), (291, 17762), (306, 17786), (336, 17915), (366, 18014), (391, 18116), (395, 18137), (401, 18179), (420, 18278), (432, 18341), (458, 18431), (489, 18560), (499, 18593), (535, 18875), (542, 18941), (544, 18962), (548, 19001), (549, 19016),

Gene: BigPaolini_25 Start: 16999, Stop: 19470, Start Num: 40

Candidate Starts for BigPaolini_25:

(Start: 40 @16999 has 174 MA's), (45, 17038), (59, 17101), (Start: 65 @17131 has 23 MA's), (69, 17152), (74, 17173), (78, 17185), (105, 17203), (126, 17293), (159, 17491), (163, 17524), (173, 17590), (205, 17845), (210, 17866), (214, 17893), (248, 18052), (261, 18088), (289, 18181), (295, 18202), (306, 18217), (310, 18238), (311, 18241), (330, 18310), (336, 18346), (345, 18379), (352, 18415), (366, 18445), (375, 18481), (391, 18547), (395, 18568), (420, 18709), (453, 18850), (465, 18871), (497, 19006), (520, 19183), (535, 19294), (544, 19381), (548, 19420), (549, 19435),

Gene: Bigchungi_24 Start: 16372, Stop: 18843, Start Num: 40

Candidate Starts for Bigchungi_24:

(Start: 40 @16372 has 174 MA's), (45, 16411), (59, 16474), (Start: 65 @16504 has 23 MA's), (69, 16525), (74, 16546), (78, 16558), (105, 16576), (126, 16666), (159, 16864), (163, 16897), (173, 16963), (205, 17218), (210, 17239), (214, 17266), (248, 17425), (261, 17461), (289, 17554), (295, 17575), (315, 17632), (345, 17752), (352, 17788), (366, 17818), (375, 17854), (391, 17920), (395, 17941), (420, 18082), (453, 18223), (465, 18244), (520, 18556), (535, 18667), (539, 18709), (544, 18754), (548, 18793), (549, 18808),

Gene: BillKnuckles_25 Start: 17064, Stop: 19535, Start Num: 40

Candidate Starts for BillKnuckles_25:

(Start: 40 @17064 has 174 MA's), (45, 17103), (59, 17166), (Start: 65 @17196 has 23 MA's), (69, 17217), (74, 17238), (78, 17250), (105, 17268), (114, 17313), (126, 17358), (159, 17556), (163, 17589), (173, 17655), (205, 17910), (210, 17931), (214, 17958), (248, 18117), (261, 18153), (289, 18246), (295, 18267), (315, 18324), (345, 18444), (352, 18480), (366, 18510), (375, 18546), (391, 18612), (395, 18633), (420, 18774), (453, 18915), (465, 18936), (497, 19071), (520, 19248), (535, 19359), (542, 19425), (544, 19446), (548, 19485), (549, 19500),

Gene: Bircsak_24 Start: 16849, Stop: 19329, Start Num: 40

Candidate Starts for Bircsak_24:

(Start: 40 @16849 has 174 MA's), (45, 16888), (59, 16951), (Start: 65 @16981 has 23 MA's), (74, 17023), (143, 17230), (147, 17248), (159, 17338), (168, 17401), (172, 17425), (173, 17437), (181, 17488), (243, 17872), (274, 17974), (286, 18013), (289, 18028), (291, 18040), (306, 18064), (366, 18292), (391, 18394), (395, 18415), (397, 18427), (401, 18457), (420, 18556), (432, 18619), (489, 18838), (499, 18871), (535, 19153), (544, 19240), (548, 19279), (550, 19309),

Gene: Blackflame_24 Start: 16381, Stop: 18852, Start Num: 40

Candidate Starts for Blackflame_24:

(Start: 40 @16381 has 174 MA's), (45, 16420), (59, 16483), (Start: 65 @16513 has 23 MA's), (69, 16534), (74, 16555), (78, 16567), (105, 16585), (126, 16675), (159, 16873), (163, 16906), (173, 16972), (205, 17227), (210, 17248), (214, 17275), (216, 17290), (248, 17434), (261, 17470), (289, 17563), (295, 17584), (315, 17641), (336, 17728), (345, 17761), (352, 17797), (366, 17827), (375, 17863), (391, 17929), (395, 17950), (420, 18091), (453, 18232), (465, 18253), (497, 18388), (520, 18565), (535, 18676), (544, 18763), (548, 18802), (550, 18832),

Gene: Blackmoor_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Blackmoor_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: BlessJoy_29 Start: 16715, Stop: 18931, Start Num: 53

Candidate Starts for BlessJoy_29:

(46, 16670), (Start: 53 @16715 has 49 MA's), (73, 16826), (99, 16982), (132, 17129), (134, 17141), (158, 17288), (159, 17291), (163, 17324), (176, 17414), (187, 17483), (196, 17558), (222, 17726), (360, 17984), (374, 18029), (405, 18137), (420, 18200), (429, 18242), (457, 18341), (462, 18362), (475, 18404), (484, 18455), (490, 18482), (508, 18563), (516, 18653),

Gene: Blinn1_29 Start: 16777, Stop: 19005, Start Num: 53

Candidate Starts for Blinn1_29:

(32, 16618), (46, 16732), (Start: 53 @16777 has 49 MA's), (73, 16888), (74, 16894), (99, 17044), (134, 17203), (141, 17230), (158, 17350), (159, 17353), (163, 17386), (176, 17476), (187, 17545), (215, 17743), (222, 17788), (342, 17992), (360, 18046), (400, 18169), (420, 18268), (421, 18277), (426, 18298), (435, 18343), (437, 18355), (490, 18562), (496, 18580), (512, 18682), (513, 18691), (516, 18721),

Gene: BluSpix_24 Start: 16360, Stop: 18831, Start Num: 40

Candidate Starts for BluSpix_24:

(Start: 40 @16360 has 174 MA's), (45, 16399), (59, 16462), (Start: 65 @16492 has 23 MA's), (69, 16513), (74, 16534), (78, 16546), (105, 16564), (126, 16654), (159, 16852), (163, 16885), (173, 16951), (205, 17206), (210, 17227), (214, 17254), (248, 17413), (261, 17449), (289, 17542), (295, 17563), (315, 17620), (345, 17740), (352, 17776), (366, 17806), (375, 17842), (391, 17908), (395, 17929), (420, 18070), (453, 18211), (465, 18232), (497, 18367), (520, 18544), (535, 18655), (542, 18721), (544, 18742), (548, 18781), (550, 18811),

Gene: Blue7_29 Start: 16707, Stop: 18923, Start Num: 53

Candidate Starts for Blue7_29:

(46, 16662), (Start: 53 @16707 has 49 MA's), (73, 16818), (99, 16974), (132, 17121), (134, 17133), (158, 17280), (159, 17283), (163, 17316), (176, 17406), (187, 17475), (196, 17550), (222, 17718), (360, 17976), (374, 18021), (405, 18129), (420, 18192), (429, 18234), (457, 18333), (462, 18354), (475, 18396), (484, 18447), (490, 18474), (508, 18555), (516, 18645),

Gene: Bob3_23 Start: 15911, Stop: 18391, Start Num: 40

Candidate Starts for Bob3_23:

(Start: 40 @15911 has 174 MA's), (45, 15950), (59, 16013), (Start: 65 @16043 has 23 MA's), (74, 16085), (143, 16292), (147, 16310), (159, 16400), (168, 16463), (172, 16487), (173, 16499), (181, 16550), (243, 16934), (274, 17036), (286, 17075), (289, 17090), (291, 17102), (306, 17126), (336, 17255), (366, 17354), (391, 17456), (395, 17477), (401, 17519), (420, 17618), (432, 17681), (458, 17771), (489, 17900), (499, 17933), (535, 18215), (542, 18281), (544, 18302), (548, 18341), (549, 18356),

Gene: Bombshell_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Bombshell_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),

(174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Boohoo_28 Start: 15923, Stop: 18112, Start Num: 82

Candidate Starts for Boohoo_28:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16166), (132, 16172), (146, 16241), (154, 16298), (174, 16442), (181, 16484), (188, 16532), (189, 16535), (199, 16646), (202, 16664), (222, 16769), (232, 16817), (282, 16922), (307, 16982), (327, 17036), (335, 17072), (341, 17096), (344, 17105), (360, 17168), (366, 17189), (370, 17204), (377, 17228), (381, 17240), (395, 17294), (398, 17315), (403, 17345), (438, 17516), (440, 17537), (475, 17621), (528, 17924), (546, 18047), (547, 18059),

Gene: Briton15_26 Start: 16649, Stop: 19126, Start Num: 42

Candidate Starts for Briton15_26:

(Start: 42 @16649 has 6 MA's), (44, 16664), (Start: 65 @16778 has 23 MA's), (74, 16820), (143, 17027), (147, 17045), (159, 17135), (168, 17198), (172, 17222), (173, 17234), (181, 17285), (243, 17669), (274, 17771), (286, 17810), (291, 17837), (306, 17861), (336, 17990), (366, 18089), (391, 18191), (395, 18212), (401, 18254), (420, 18353), (432, 18416), (458, 18506), (489, 18635), (499, 18668), (520, 18839), (535, 18950), (542, 19016), (544, 19037), (548, 19076), (549, 19091),

Gene: Broseidon_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Broseidon_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Bruiser_24 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Bruiser_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Bruns_23 Start: 16283, Stop: 18754, Start Num: 40

Candidate Starts for Bruns_23:

(Start: 40 @16283 has 174 MA's), (45, 16322), (59, 16385), (Start: 65 @16415 has 23 MA's), (69, 16436), (74, 16457), (78, 16469), (105, 16487), (126, 16577), (159, 16775), (163, 16808), (173, 16874), (205, 17129), (210, 17150), (214, 17177), (248, 17336), (261, 17372), (289, 17465), (295, 17486), (306, 17501), (310, 17522), (311, 17525), (330, 17594), (336, 17630), (345, 17663), (352, 17699), (358, 17708), (366, 17729), (375, 17765), (391, 17831), (395, 17852), (420, 17993), (453, 18134), (465, 18155), (497, 18290), (520, 18467), (535, 18578), (544, 18665), (548, 18704), (549, 18719),

Gene: BubbleTrouble_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for BubbleTrouble_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's),
(108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),
(174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202),
(305, 17241), (334, 17355), (346, 17409), (357, 17454), (372, 17514), (376, 17532), (385, 17574),
(395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252),
(525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Bumblebee11_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Bumblebee11_25:

(Start: 39 @15885 has 116 MA's), (98, 16200), (102, 16227), (112, 16275), (127, 16332), (147, 16437),
(149, 16452), (152, 16464), (159, 16527), (174, 16635), (177, 16656), (181, 16677), (245, 17079),
(260, 17121), (261, 17124), (302, 17235), (305, 17241), (338, 17373), (346, 17409), (358, 17457),
(385, 17574), (407, 17688), (436, 17853), (439, 17871), (479, 17985), (481, 17997), (505, 18087),
(514, 18180), (523, 18252), (525, 18261), (535, 18321), (536, 18330), (546, 18417), (550, 18465),

Gene: Burger_24 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Burger_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's),
(108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),
(174, 16635), (181, 16677), (191, 16761), (221, 16968), (233, 17028), (245, 17079), (261, 17124),
(285, 17202), (302, 17235), (305, 17241), (331, 17337), (332, 17346), (346, 17409), (350, 17430),
(358, 17457), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853),
(439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417),
(550, 18465),

Gene: Burton_25 Start: 16481, Stop: 18952, Start Num: 40

Candidate Starts for Burton_25:

(Start: 40 @16481 has 174 MA's), (45, 16520), (59, 16583), (Start: 65 @16613 has 23 MA's), (69,
16634), (74, 16655), (78, 16667), (105, 16685), (110, 16709), (126, 16775), (159, 16973), (163,
17006), (173, 17072), (205, 17327), (210, 17348), (214, 17375), (248, 17534), (261, 17570), (289,
17663), (295, 17684), (315, 17741), (345, 17861), (352, 17897), (366, 17927), (375, 17963), (391,
18029), (395, 18050), (420, 18191), (453, 18332), (465, 18353), (497, 18488), (520, 18665), (535,
18776), (542, 18842), (544, 18863), (548, 18902), (549, 18917),

Gene: Buttons_25 Start: 16845, Stop: 19313, Start Num: 40

Candidate Starts for Buttons_25:

(Start: 40 @16845 has 174 MA's), (45, 16884), (59, 16947), (Start: 65 @16977 has 23 MA's), (69,
16998), (74, 17019), (78, 17031), (105, 17049), (126, 17139), (159, 17334), (163, 17367), (173,
17433), (205, 17688), (210, 17709), (214, 17736), (221, 17775), (232, 17832), (240, 17862), (248,
17895), (261, 17931), (289, 18024), (295, 18045), (315, 18102), (345, 18222), (352, 18258), (366,
18288), (375, 18324), (391, 18390), (395, 18411), (401, 18453), (420, 18552), (453, 18693), (465,
18714), (511, 18945), (520, 19026), (535, 19137), (544, 19224), (548, 19263), (549, 19278),

Gene: Bxb1_22 Start: 16432, Stop: 18903, Start Num: 40

Candidate Starts for Bxb1_22:

(Start: 40 @16432 has 174 MA's), (45, 16471), (59, 16534), (Start: 65 @16564 has 23 MA's), (69,
16585), (74, 16606), (78, 16618), (105, 16636), (114, 16681), (126, 16726), (159, 16924), (163,
16957), (173, 17023), (205, 17278), (210, 17299), (214, 17326), (248, 17485), (261, 17521), (289,
17614), (295, 17635), (315, 17692), (345, 17812), (352, 17848), (366, 17878), (375, 17914), (391,
17980), (395, 18001), (420, 18142), (453, 18283), (465, 18304), (497, 18439), (520, 18616), (535,
18727), (542, 18793), (544, 18814), (548, 18853), (549, 18868),

Gene: Caelakin_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Caelakin_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Camperdownii_24 Start: 15504, Stop: 18104, Start Num: 39

Candidate Starts for Camperdownii_24:

(Start: 39 @15504 has 116 MA's), (Start: 65 @15645 has 23 MA's), (Start: 68 @15663 has 1 MA's), (98, 15819), (108, 15870), (118, 15909), (124, 15939), (152, 16083), (159, 16146), (168, 16209), (174, 16254), (181, 16296), (191, 16380), (233, 16647), (245, 16698), (261, 16743), (285, 16821), (302, 16854), (305, 16860), (334, 16974), (346, 17028), (357, 17073), (372, 17133), (385, 17193), (407, 17307), (436, 17472), (439, 17490), (481, 17616), (521, 17868), (523, 17871), (525, 17880), (535, 17940), (546, 18036), (550, 18084),

Gene: Candra_29 Start: 16771, Stop: 18975, Start Num: 53

Candidate Starts for Candra_29:

(32, 16612), (46, 16726), (Start: 53 @16771 has 49 MA's), (73, 16882), (74, 16888), (93, 16996), (99, 17038), (112, 17104), (134, 17197), (141, 17224), (159, 17347), (163, 17380), (176, 17470), (187, 17539), (222, 17782), (315, 17920), (360, 18040), (405, 18193), (420, 18256), (429, 18298), (457, 18397), (462, 18418), (468, 18439), (475, 18460), (484, 18511), (486, 18523), (490, 18538), (508, 18619), (516, 18697),

Gene: Carlyle_26 Start: 17233, Stop: 19632, Start Num: 40

Candidate Starts for Carlyle_26:

(Start: 40 @17233 has 174 MA's), (45, 17272), (59, 17335), (Start: 65 @17365 has 23 MA's), (69, 17386), (74, 17407), (78, 17419), (83, 17437), (126, 17527), (159, 17725), (163, 17758), (173, 17824), (209, 18079), (213, 18100), (218, 18127), (225, 18166), (243, 18223), (259, 18253), (317, 18415), (361, 18568), (366, 18580), (370, 18595), (394, 18712), (401, 18757), (406, 18778), (407, 18781), (432, 18931), (436, 18946), (453, 19012), (471, 19054), (511, 19264), (520, 19345), (535, 19456), (544, 19543), (548, 19582), (549, 19597),

Gene: CatBus_25 Start: 17387, Stop: 19858, Start Num: 40

Candidate Starts for CatBus_25:

(Start: 40 @17387 has 174 MA's), (45, 17426), (59, 17489), (Start: 65 @17519 has 23 MA's), (69, 17540), (74, 17561), (78, 17573), (105, 17591), (110, 17615), (126, 17681), (159, 17879), (163, 17912), (173, 17978), (205, 18233), (210, 18254), (214, 18281), (232, 18377), (240, 18407), (248, 18440), (261, 18476), (289, 18569), (295, 18590), (315, 18647), (345, 18767), (352, 18803), (366, 18833), (375, 18869), (391, 18935), (395, 18956), (401, 18998), (420, 19097), (453, 19238), (465, 19259), (497, 19394), (535, 19682), (544, 19769), (548, 19808),

Gene: CentreCat_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for CentreCat_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's), (108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591), (174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203), (305, 17242), (308, 17263), (346, 17410), (350, 17431), (357, 17455), (372, 17515), (373, 17521), (375, 17524), (385, 17575), (395, 17623), (407, 17689), (436, 17854), (439, 17872), (481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: Cerulean_26 Start: 16197, Stop: 18797, Start Num: 39

Candidate Starts for Cerulean_26:

(Start: 39 @16197 has 116 MA's), (Start: 65 @16338 has 23 MA's), (Start: 68 @16356 has 1 MA's), (98, 16512), (108, 16563), (124, 16632), (147, 16749), (152, 16776), (159, 16839), (168, 16902), (174, 16947), (181, 16989), (191, 17073), (221, 17280), (233, 17340), (245, 17391), (261, 17436), (285, 17514), (302, 17547), (305, 17553), (346, 17721), (350, 17742), (357, 17766), (372, 17826), (373, 17832), (375, 17835), (385, 17886), (395, 17934), (407, 18000), (436, 18165), (439, 18183), (481, 18309), (521, 18561), (523, 18564), (525, 18573), (534, 18630), (535, 18633), (541, 18678), (546, 18729), (550, 18777),

Gene: Chadwick_23 Start: 15059, Stop: 17872, Start Num: 1

Candidate Starts for Chadwick_23:

(Start: 1 @15059 has 10 MA's), (3, 15248), (34, 15596), (51, 15731), (52, 15737), (94, 15830), (107, 15881), (133, 16007), (145, 16073), (149, 16094), (159, 16169), (163, 16202), (172, 16256), (175, 16289), (176, 16292), (178, 16301), (191, 16400), (196, 16433), (212, 16562), (238, 16676), (253, 16727), (283, 16793), (328, 16886), (335, 16919), (370, 17006), (383, 17039), (385, 17051), (396, 17081), (425, 17144), (430, 17186), (445, 17258), (446, 17261), (459, 17285), (464, 17300), (473, 17327), (479, 17348), (498, 17435), (503, 17465), (504, 17468), (511, 17528), (522, 17627), (525, 17639), (527, 17651), (528, 17660), (544, 17789), (546, 17807),

Gene: ChampagnePapi_26 Start: 16196, Stop: 18796, Start Num: 39

Candidate Starts for ChampagnePapi_26:

(Start: 39 @16196 has 116 MA's), (Start: 65 @16337 has 23 MA's), (Start: 68 @16355 has 1 MA's), (98, 16511), (108, 16562), (124, 16631), (147, 16748), (152, 16775), (159, 16838), (168, 16901), (174, 16946), (181, 16988), (191, 17072), (221, 17279), (233, 17339), (245, 17390), (261, 17435), (285, 17513), (302, 17546), (305, 17552), (346, 17720), (350, 17741), (357, 17765), (372, 17825), (373, 17831), (375, 17834), (385, 17885), (395, 17933), (407, 17999), (436, 18164), (439, 18182), (481, 18308), (521, 18560), (523, 18563), (525, 18572), (534, 18629), (535, 18632), (541, 18677), (546, 18728), (550, 18776),

Gene: Chanagan_23 Start: 15937, Stop: 18417, Start Num: 40

Candidate Starts for Chanagan_23:

(Start: 40 @15937 has 174 MA's), (45, 15976), (59, 16039), (Start: 65 @16069 has 23 MA's), (74, 16111), (143, 16318), (147, 16336), (159, 16426), (168, 16489), (172, 16513), (173, 16525), (181, 16576), (243, 16960), (274, 17062), (286, 17101), (291, 17128), (306, 17152), (366, 17380), (391, 17482), (395, 17503), (401, 17545), (420, 17644), (432, 17707), (489, 17926), (499, 17959), (535, 18241), (544, 18328), (548, 18367), (549, 18382),

Gene: Chaph_25 Start: 15894, Stop: 18494, Start Num: 39

Candidate Starts for Chaph_25:

(Start: 39 @15894 has 116 MA's), (Start: 65 @16035 has 23 MA's), (Start: 68 @16053 has 1 MA's), (108, 16260), (118, 16299), (124, 16329), (147, 16446), (152, 16473), (159, 16536), (168, 16599), (174, 16644), (181, 16686), (191, 16770), (233, 17037), (245, 17088), (261, 17133), (285, 17211), (302, 17244), (305, 17250), (308, 17271), (346, 17418), (350, 17439), (357, 17463), (373, 17529), (385, 17583), (395, 17631), (407, 17697), (436, 17862), (439, 17880), (481, 18006), (521, 18258), (523, 18261), (525, 18270), (535, 18330), (546, 18426), (550, 18474),

Gene: Chargerpower_26 Start: 15837, Stop: 18245, Start Num: 58

Candidate Starts for Chargerpower_26:

(Start: 58 @15837 has 6 MA's), (Start: 62 @15855 has 5 MA's), (Start: 65 @15873 has 23 MA's), (69, 15894), (89, 15990), (97, 16032), (114, 16119), (125, 16161), (137, 16215), (152, 16299), (155, 16329), (159, 16362), (163, 16395), (170, 16440), (174, 16470), (177, 16491), (205, 16716), (208, 16731), (210, 16737), (223, 16830), (242, 16902), (268, 16977), (320, 17151), (324, 17163), (330, 17184), (335, 17211), (346, 17262), (348, 17271), (384, 17382), (399, 17469), (414, 17541), (416,

17553), (418, 17565), (422, 17589), (451, 17727), (461, 17739), (469, 17763), (489, 17817), (492, 17829), (517, 17976), (527, 18045), (541, 18135), (547, 18186), (550, 18222),

Gene: Chartreuse_29 Start: 16682, Stop: 18886, Start Num: 53

Candidate Starts for Chartreuse_29:

(32, 16523), (46, 16637), (Start: 53 @16682 has 49 MA's), (73, 16793), (74, 16799), (93, 16907), (99, 16949), (112, 17015), (134, 17108), (141, 17135), (159, 17258), (163, 17291), (176, 17381), (187, 17450), (222, 17693), (315, 17831), (360, 17951), (405, 18104), (420, 18167), (429, 18209), (457, 18308), (462, 18329), (468, 18350), (475, 18371), (484, 18422), (486, 18434), (490, 18449), (508, 18530), (516, 18608),

Gene: ChristmasHams_25 Start: 16397, Stop: 18877, Start Num: 40

Candidate Starts for ChristmasHams_25:

(Start: 40 @16397 has 174 MA's), (45, 16436), (59, 16499), (Start: 65 @16529 has 23 MA's), (74, 16571), (143, 16778), (147, 16796), (159, 16886), (168, 16949), (172, 16973), (173, 16985), (181, 17036), (243, 17420), (274, 17522), (286, 17561), (289, 17576), (291, 17588), (306, 17612), (366, 17840), (391, 17942), (395, 17963), (397, 17975), (401, 18005), (420, 18104), (432, 18167), (489, 18386), (499, 18419), (535, 18701), (544, 18788), (548, 18827), (550, 18857),

Gene: Chupacabra_25 Start: 15864, Stop: 18416, Start Num: 92

Candidate Starts for Chupacabra_25:

(25, 15456), (Start: 57 @15687 has 8 MA's), (Start: 92 @15864 has 9 MA's), (96, 15885), (101, 15909), (108, 15939), (109, 15942), (110, 15951), (120, 15990), (124, 16005), (128, 16029), (149, 16137), (152, 16149), (153, 16158), (159, 16212), (166, 16266), (168, 16275), (172, 16299), (174, 16320), (190, 16425), (195, 16467), (247, 16779), (285, 16989), (297, 17109), (302, 17154), (304, 17157), (305, 17160), (308, 17181), (309, 17184), (321, 17229), (346, 17337), (350, 17358), (367, 17418), (375, 17451), (389, 17514), (401, 17592), (407, 17616), (420, 17691), (430, 17757), (436, 17781), (439, 17799), (447, 17835), (462, 17865), (478, 17907), (479, 17919), (481, 17931), (491, 17967), (495, 17979), (525, 18192), (527, 18204), (532, 18228), (535, 18252), (546, 18348), (550, 18396),

Gene: Ciao_24 Start: 16311, Stop: 18782, Start Num: 40

Candidate Starts for Ciao_24:

(Start: 40 @16311 has 174 MA's), (45, 16350), (59, 16413), (Start: 65 @16443 has 23 MA's), (69, 16464), (74, 16485), (78, 16497), (105, 16515), (126, 16605), (159, 16803), (163, 16836), (173, 16902), (205, 17157), (210, 17178), (214, 17205), (248, 17364), (261, 17400), (289, 17493), (295, 17514), (315, 17571), (345, 17691), (352, 17727), (366, 17757), (375, 17793), (391, 17859), (395, 17880), (420, 18021), (453, 18162), (465, 18183), (497, 18318), (520, 18495), (535, 18606), (542, 18672), (544, 18693), (548, 18732), (549, 18747),

Gene: Cici_25 Start: 15876, Stop: 18476, Start Num: 39

Candidate Starts for Cici_25:

(Start: 39 @15876 has 116 MA's), (102, 16218), (112, 16266), (127, 16323), (147, 16428), (149, 16443), (152, 16455), (159, 16518), (174, 16626), (177, 16647), (181, 16668), (233, 17019), (245, 17070), (261, 17115), (302, 17226), (305, 17232), (346, 17400), (358, 17448), (372, 17505), (385, 17565), (395, 17613), (400, 17646), (407, 17679), (411, 17697), (436, 17844), (439, 17862), (481, 17988), (505, 18078), (515, 18177), (523, 18243), (525, 18252), (535, 18312), (536, 18321), (541, 18357), (543, 18375), (546, 18408), (550, 18456),

Gene: Cindaradix_24 Start: 15793, Stop: 18210, Start Num: 75

Candidate Starts for Cindaradix_24:

(Start: 39 @15610 has 116 MA's), (Start: 75 @15793 has 1 MA's), (102, 15952), (109, 15979), (112, 16000), (137, 16105), (147, 16162), (159, 16252), (174, 16360), (187, 16444), (240, 16780), (245, 16804), (261, 16849), (331, 17062), (338, 17098), (346, 17134), (357, 17179), (385, 17299), (407,

17413), (436, 17578), (439, 17596), (481, 17722), (515, 17911), (523, 17977), (525, 17986), (535, 18046), (536, 18055), (541, 18091), (543, 18109), (546, 18142), (550, 18190),

Gene: Cintron_25 Start: 16074, Stop: 18533, Start Num: 65

Candidate Starts for Cintron_25:

(Start: 39 @15933 has 116 MA's), (Start: 65 @16074 has 23 MA's), (98, 16248), (108, 16299), (118, 16338), (124, 16368), (147, 16485), (152, 16512), (159, 16575), (168, 16638), (174, 16683), (181, 16725), (233, 17076), (245, 17127), (261, 17172), (305, 17289), (346, 17457), (350, 17478), (357, 17502), (372, 17562), (373, 17568), (375, 17571), (385, 17622), (395, 17670), (407, 17736), (436, 17901), (439, 17919), (481, 18045), (521, 18297), (523, 18300), (525, 18309), (534, 18366), (535, 18369), (541, 18414), (546, 18465), (550, 18513),

Gene: Citius_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Citius_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Clarenza_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Clarenza_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (373, 17517), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: CloudWang3_29 Start: 16717, Stop: 18933, Start Num: 53

Candidate Starts for CloudWang3_29:

(46, 16672), (Start: 53 @16717 has 49 MA's), (73, 16828), (99, 16984), (132, 17131), (134, 17143), (158, 17290), (159, 17293), (163, 17326), (176, 17416), (187, 17485), (196, 17560), (222, 17728), (360, 17986), (374, 18031), (405, 18139), (420, 18202), (429, 18244), (457, 18343), (462, 18364), (475, 18406), (484, 18457), (490, 18484), (508, 18565), (516, 18655),

Gene: Cocoaberry_25 Start: 15889, Stop: 18489, Start Num: 39

Candidate Starts for Cocoaberry_25:

(Start: 39 @15889 has 116 MA's), (Start: 65 @16030 has 23 MA's), (Start: 68 @16048 has 1 MA's), (108, 16255), (118, 16294), (124, 16324), (147, 16441), (152, 16468), (159, 16531), (168, 16594), (174, 16639), (181, 16681), (191, 16765), (233, 17032), (245, 17083), (261, 17128), (285, 17206), (302, 17239), (305, 17245), (308, 17266), (346, 17413), (350, 17434), (357, 17458), (373, 17524), (385, 17578), (395, 17626), (407, 17692), (436, 17857), (439, 17875), (481, 18001), (521, 18253), (523, 18256), (525, 18265), (535, 18325), (546, 18421), (550, 18469),

Gene: Commander_25 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for Commander_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252),

(525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: ConceptII_25 Start: 16819, Stop: 19299, Start Num: 40

Candidate Starts for ConceptII_25:

(Start: 40 @16819 has 174 MA's), (45, 16858), (59, 16921), (60, 16927), (Start: 65 @16951 has 23 MA's), (74, 16993), (143, 17200), (147, 17218), (159, 17308), (168, 17371), (172, 17395), (173, 17407), (181, 17458), (243, 17842), (274, 17944), (286, 17983), (291, 18010), (306, 18034), (336, 18163), (366, 18262), (391, 18364), (395, 18385), (420, 18526), (432, 18589), (489, 18808), (499, 18841), (520, 19012), (535, 19123), (542, 19189), (544, 19210), (548, 19249),

Gene: Connomayer_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Connomayer_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (334, 17355), (346, 17409), (357, 17454), (372, 17514), (376, 17532), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Cookiedough_29 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for Cookiedough_29:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: Corvo_24 Start: 16803, Stop: 19274, Start Num: 40

Candidate Starts for Corvo_24:

(Start: 40 @16803 has 174 MA's), (45, 16842), (59, 16905), (Start: 65 @16935 has 23 MA's), (69, 16956), (74, 16977), (78, 16989), (105, 17007), (126, 17097), (159, 17295), (163, 17328), (173, 17394), (205, 17649), (210, 17670), (214, 17697), (248, 17856), (261, 17892), (289, 17985), (295, 18006), (315, 18063), (345, 18183), (352, 18219), (366, 18249), (375, 18285), (391, 18351), (395, 18372), (420, 18513), (453, 18654), (465, 18675), (497, 18810), (520, 18987), (535, 19098), (544, 19185), (548, 19224),

Gene: Crispicous1_23 Start: 15808, Stop: 18288, Start Num: 40

Candidate Starts for Crispicous1_23:

(Start: 40 @15808 has 174 MA's), (45, 15847), (59, 15910), (Start: 65 @15940 has 23 MA's), (74, 15982), (143, 16189), (147, 16207), (159, 16297), (168, 16360), (172, 16384), (173, 16396), (181, 16447), (243, 16831), (274, 16933), (286, 16972), (291, 16999), (306, 17023), (336, 17152), (366, 17251), (391, 17353), (395, 17374), (401, 17416), (420, 17515), (432, 17578), (489, 17797), (499, 17830), (535, 18112), (544, 18199), (548, 18238), (549, 18253),

Gene: Cueyllyss_24 Start: 16510, Stop: 18990, Start Num: 40

Candidate Starts for Cueyllyss_24:

(Start: 40 @16510 has 174 MA's), (45, 16549), (59, 16612), (60, 16618), (Start: 65 @16642 has 23 MA's), (74, 16684), (143, 16891), (147, 16909), (159, 16999), (168, 17062), (172, 17086), (173, 17098), (181, 17149), (243, 17533), (274, 17635), (286, 17674), (291, 17701), (306, 17725), (336, 17854), (366, 17953), (391, 18055), (395, 18076), (397, 18088), (401, 18118), (420, 18217), (432, 18280), (489, 18499), (499, 18532), (535, 18814), (542, 18880), (544, 18901), (548, 18940), (549, 18955),

Gene: DD5_25 Start: 17058, Stop: 19538, Start Num: 40

Candidate Starts for DD5_25:

(Start: 40 @17058 has 174 MA's), (45, 17097), (59, 17160), (Start: 65 @17190 has 23 MA's), (74, 17232), (143, 17439), (147, 17457), (159, 17547), (168, 17610), (172, 17634), (173, 17646), (181, 17697), (243, 18081), (274, 18183), (286, 18222), (291, 18249), (306, 18273), (336, 18402), (366, 18501), (391, 18603), (395, 18624), (401, 18666), (420, 18765), (432, 18828), (489, 19047), (499, 19080), (520, 19251), (535, 19362), (544, 19449), (548, 19488), (549, 19503),

Gene: DaVinci_29 Start: 16736, Stop: 18940, Start Num: 53

Candidate Starts for DaVinci_29:

(32, 16577), (46, 16691), (Start: 53 @16736 has 49 MA's), (73, 16847), (74, 16853), (93, 16961), (99, 17003), (112, 17069), (134, 17162), (141, 17189), (159, 17312), (163, 17345), (176, 17435), (187, 17504), (222, 17747), (315, 17885), (360, 18005), (405, 18158), (420, 18221), (429, 18263), (457, 18362), (462, 18383), (468, 18404), (475, 18425), (484, 18476), (486, 18488), (490, 18503), (508, 18584), (516, 18662),

Gene: Datway_25 Start: 15891, Stop: 18491, Start Num: 39

Candidate Starts for Datway_25:

(Start: 39 @15891 has 116 MA's), (112, 16281), (141, 16410), (147, 16443), (152, 16470), (159, 16533), (174, 16641), (193, 16776), (221, 16974), (240, 17061), (245, 17085), (261, 17130), (302, 17241), (305, 17247), (346, 17415), (358, 17463), (372, 17520), (385, 17580), (395, 17628), (400, 17661), (407, 17694), (411, 17712), (436, 17859), (439, 17877), (481, 18003), (505, 18093), (515, 18192), (523, 18258), (525, 18267), (535, 18327), (536, 18336), (541, 18372), (543, 18390), (546, 18423), (550, 18471),

Gene: Deano_25 Start: 15893, Stop: 18493, Start Num: 39

Candidate Starts for Deano_25:

(Start: 39 @15893 has 116 MA's), (Start: 65 @16034 has 23 MA's), (Start: 68 @16052 has 1 MA's), (108, 16259), (118, 16298), (124, 16328), (147, 16445), (152, 16472), (159, 16535), (168, 16598), (174, 16643), (181, 16685), (191, 16769), (233, 17036), (245, 17087), (261, 17132), (285, 17210), (302, 17243), (305, 17249), (346, 17417), (350, 17438), (357, 17462), (373, 17528), (385, 17582), (395, 17630), (407, 17696), (436, 17861), (439, 17879), (481, 18005), (521, 18257), (523, 18260), (525, 18269), (535, 18329), (546, 18425), (550, 18473),

Gene: DekHockey33_28 Start: 16045, Stop: 18231, Start Num: 82

Candidate Starts for DekHockey33_28:

(Start: 47 @15868 has 1 MA's), (Start: 49 @15877 has 4 MA's), (Start: 82 @16045 has 17 MA's), (130, 16285), (132, 16291), (146, 16360), (154, 16417), (173, 16552), (174, 16561), (181, 16603), (188, 16651), (189, 16654), (199, 16765), (202, 16783), (222, 16888), (232, 16936), (282, 17041), (307, 17101), (327, 17155), (335, 17191), (341, 17215), (344, 17224), (360, 17287), (366, 17308), (370, 17323), (377, 17347), (381, 17359), (395, 17413), (398, 17434), (403, 17464), (438, 17635), (440, 17656), (475, 17740), (528, 18043), (546, 18166), (547, 18178),

Gene: DelvinSonDorr_28 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for DelvinSonDorr_28:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: Dexes_25 Start: 17027, Stop: 19498, Start Num: 40

Candidate Starts for Dexes_25:

(Start: 40 @17027 has 174 MA's), (45, 17066), (59, 17129), (Start: 65 @17159 has 23 MA's), (69, 17180), (74, 17201), (78, 17213), (105, 17231), (114, 17276), (126, 17321), (159, 17519), (163, 17552), (173, 17618), (205, 17873), (210, 17894), (214, 17921), (248, 18080), (261, 18116), (289, 18209), (295, 18230), (306, 18245), (310, 18266), (311, 18269), (330, 18338), (336, 18374), (345, 18407), (352, 18443), (366, 18473), (375, 18509), (391, 18575), (395, 18596), (420, 18737), (453, 18878), (465, 18899), (497, 19034), (520, 19211), (535, 19322), (544, 19409), (548, 19448), (550, 19478),

Gene: Dhanush_25 Start: 15888, Stop: 18488, Start Num: 39

Candidate Starts for Dhanush_25:

(Start: 39 @15888 has 116 MA's), (Start: 65 @16029 has 23 MA's), (Start: 68 @16047 has 1 MA's), (108, 16254), (118, 16293), (124, 16323), (147, 16440), (152, 16467), (159, 16530), (168, 16593), (174, 16638), (181, 16680), (191, 16764), (233, 17031), (245, 17082), (261, 17127), (285, 17205), (305, 17244), (331, 17340), (332, 17349), (346, 17412), (350, 17433), (373, 17523), (385, 17577), (395, 17625), (407, 17691), (436, 17856), (439, 17874), (481, 18000), (521, 18252), (523, 18255), (525, 18264), (535, 18324), (546, 18420), (550, 18468),

Gene: DirtDevil_25 Start: 17195, Stop: 19666, Start Num: 40

Candidate Starts for DirtDevil_25:

(Start: 40 @17195 has 174 MA's), (45, 17234), (59, 17297), (Start: 65 @17327 has 23 MA's), (69, 17348), (74, 17369), (78, 17381), (105, 17399), (110, 17423), (126, 17489), (159, 17687), (163, 17720), (173, 17786), (205, 18041), (210, 18062), (214, 18089), (232, 18185), (240, 18215), (248, 18248), (261, 18284), (289, 18377), (295, 18398), (315, 18455), (345, 18575), (352, 18611), (366, 18641), (375, 18677), (391, 18743), (395, 18764), (401, 18806), (420, 18905), (453, 19046), (465, 19067), (497, 19202), (535, 19490), (544, 19577), (548, 19616),

Gene: DirtyDunning_25 Start: 15881, Stop: 18481, Start Num: 39

Candidate Starts for DirtyDunning_25:

(Start: 39 @15881 has 116 MA's), (Start: 65 @16022 has 23 MA's), (Start: 68 @16040 has 1 MA's), (108, 16247), (118, 16286), (124, 16316), (152, 16460), (159, 16523), (168, 16586), (174, 16631), (181, 16673), (191, 16757), (233, 17024), (245, 17075), (261, 17120), (285, 17198), (302, 17231), (305, 17237), (334, 17351), (346, 17405), (357, 17450), (372, 17510), (385, 17570), (407, 17684), (436, 17849), (439, 17867), (481, 17993), (521, 18245), (523, 18248), (525, 18257), (535, 18317), (546, 18413), (550, 18461),

Gene: DontArgue_24 Start: 14083, Stop: 16779, Start Num: 87

Candidate Starts for DontArgue_24:

(25, 13720), (Start: 57 @13951 has 8 MA's), (87, 14083), (Start: 92 @14128 has 9 MA's), (109, 14206), (128, 14305), (149, 14413), (152, 14425), (154, 14452), (155, 14455), (159, 14488), (161, 14509), (170, 14566), (174, 14596), (176, 14611), (177, 14617), (181, 14638), (187, 14680), (195, 14743), (218, 14914), (223, 14965), (236, 15007), (246, 15061), (267, 15184), (270, 15238), (285, 15349), (288, 15364), (297, 15469), (301, 15505), (305, 15520), (308, 15541), (309, 15544), (321, 15589), (345, 15688), (346, 15697), (350, 15718), (354, 15730), (367, 15778), (373, 15808), (389, 15874), (406, 15973), (407, 15976), (420, 16051), (430, 16117), (436, 16141), (439, 16159), (455, 16210), (462, 16234), (479, 16288), (481, 16300), (491, 16330), (502, 16369), (533, 16600), (535, 16615), (544, 16693), (546, 16711), (550, 16759),

Gene: Doom_25 Start: 17148, Stop: 19628, Start Num: 40

Candidate Starts for Doom_25:

(Start: 40 @17148 has 174 MA's), (45, 17187), (59, 17250), (Start: 65 @17280 has 23 MA's), (74, 17322), (143, 17529), (147, 17547), (159, 17637), (168, 17700), (172, 17724), (173, 17736), (181, 17787), (243, 18171), (274, 18273), (286, 18312), (306, 18363), (336, 18492), (366, 18591), (391, 18693), (395, 18714), (397, 18726), (401, 18756), (419, 18852), (420, 18855), (432, 18918), (489,

19137), (499, 19170), (520, 19341), (535, 19452), (542, 19518), (544, 19539), (548, 19578), (549, 19593),

Gene: Dorothea_29 Start: 16736, Stop: 18940, Start Num: 53

Candidate Starts for Dorothea_29:

(32, 16577), (46, 16691), (Start: 53 @16736 has 49 MA's), (73, 16847), (93, 16961), (99, 17003), (127, 17126), (134, 17162), (141, 17189), (159, 17312), (163, 17345), (176, 17435), (187, 17504), (222, 17747), (315, 17885), (360, 18005), (405, 18158), (420, 18221), (429, 18263), (457, 18362), (462, 18383), (468, 18404), (475, 18425), (484, 18476), (486, 18488), (490, 18503), (508, 18584), (516, 18662),

Gene: Drake94_24 Start: 13780, Stop: 16512, Start Num: 57

Candidate Starts for Drake94_24:

(Start: 57 @13780 has 8 MA's), (Start: 92 @13957 has 9 MA's), (108, 14032), (110, 14044), (145, 14206), (149, 14227), (152, 14239), (155, 14269), (159, 14302), (165, 14347), (168, 14365), (170, 14380), (172, 14389), (174, 14410), (190, 14515), (195, 14557), (217, 14722), (252, 14884), (257, 14911), (285, 15088), (289, 15133), (297, 15208), (304, 15256), (305, 15259), (308, 15280), (309, 15283), (321, 15328), (339, 15403), (340, 15406), (345, 15427), (349, 15451), (367, 15517), (373, 15547), (376, 15559), (394, 15646), (397, 15661), (407, 15715), (420, 15790), (434, 15868), (436, 15880), (439, 15898), (449, 15937), (458, 15949), (462, 15961), (478, 16003), (479, 16015), (481, 16027), (485, 16042), (491, 16063), (495, 16075), (525, 16288), (535, 16348), (541, 16393), (546, 16444), (550, 16492),

Gene: DreamCatcher_27 Start: 17777, Stop: 20245, Start Num: 40

Candidate Starts for DreamCatcher_27:

(Start: 40 @17777 has 174 MA's), (44, 17792), (Start: 65 @17906 has 23 MA's), (69, 17927), (74, 17948), (105, 17978), (110, 18002), (114, 18023), (126, 18068), (159, 18266), (163, 18299), (173, 18365), (205, 18620), (210, 18641), (214, 18668), (248, 18827), (261, 18863), (289, 18956), (295, 18977), (306, 18992), (310, 19013), (311, 19016), (330, 19085), (336, 19121), (345, 19154), (352, 19190), (366, 19220), (375, 19256), (391, 19322), (395, 19343), (401, 19385), (420, 19484), (453, 19625), (465, 19646), (497, 19781), (520, 19958), (535, 20069), (544, 20156), (548, 20195), (550, 20225),

Gene: Dreamboat_25 Start: 16304, Stop: 18775, Start Num: 40

Candidate Starts for Dreamboat_25:

(Start: 40 @16304 has 174 MA's), (45, 16343), (59, 16406), (Start: 65 @16436 has 23 MA's), (69, 16457), (74, 16478), (105, 16508), (110, 16532), (126, 16598), (159, 16796), (163, 16829), (173, 16895), (205, 17150), (210, 17171), (214, 17198), (248, 17357), (261, 17393), (289, 17486), (295, 17507), (315, 17564), (345, 17684), (352, 17720), (366, 17750), (375, 17786), (391, 17852), (395, 17873), (420, 18014), (453, 18155), (465, 18176), (511, 18407), (520, 18488), (535, 18599), (544, 18686), (548, 18725), (550, 18755),

Gene: DroogsArmy_26 Start: 17266, Stop: 20634, Start Num: 7

Candidate Starts for DroogsArmy_26:

(Start: 7 @17266 has 4 MA's), (11, 17395), (15, 17449), (19, 17491), (30, 17653), (48, 17803), (70, 17905), (Start: 92 @18040 has 9 MA's), (131, 18238), (144, 18304), (148, 18331), (149, 18334), (152, 18346), (159, 18409), (160, 18418), (163, 18442), (168, 18472), (174, 18517), (178, 18541), (197, 18685), (200, 18727), (204, 18754), (206, 18769), (214, 18808), (216, 18823), (220, 18844), (228, 18901), (231, 18910), (234, 18919), (266, 19060), (277, 19138), (287, 19192), (293, 19255), (296, 19270), (298, 19300), (299, 19312), (300, 19315), (304, 19333), (306, 19342), (308, 19357), (313, 19375), (323, 19408), (329, 19426), (343, 19489), (355, 19555), (357, 19564), (358, 19567), (361, 19576), (362, 19579), (364, 19588), (366, 19597), (373, 19630), (376, 19642), (382, 19666), (389, 19696), (401, 19774), (404, 19786), (406, 19795), (407, 19798), (409, 19807), (411, 19816), (424,

19894), (428, 19918), (436, 19963), (439, 19981), (456, 20038), (460, 20056), (467, 20080), (469, 20089), (476, 20110), (480, 20131), (481, 20143), (485, 20164), (497, 20203), (503, 20236), (513, 20317), (517, 20350), (523, 20401), (527, 20422), (532, 20446), (540, 20512), (542, 20527), (543, 20533),

Gene: Druantia_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for Druantia_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's), (108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591), (174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203), (305, 17242), (308, 17263), (346, 17410), (350, 17431), (357, 17455), (372, 17515), (373, 17521), (375, 17524), (385, 17575), (395, 17623), (407, 17689), (436, 17854), (439, 17872), (481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: Dulcie_23 Start: 16001, Stop: 18472, Start Num: 40

Candidate Starts for Dulcie_23:

(Start: 40 @16001 has 174 MA's), (45, 16040), (59, 16103), (Start: 65 @16133 has 23 MA's), (69, 16154), (74, 16175), (78, 16187), (105, 16205), (126, 16295), (133, 16331), (159, 16493), (163, 16526), (173, 16592), (205, 16847), (210, 16868), (214, 16895), (248, 17054), (261, 17090), (289, 17183), (295, 17204), (315, 17261), (345, 17381), (352, 17417), (366, 17447), (375, 17483), (391, 17549), (395, 17570), (420, 17711), (453, 17852), (465, 17873), (497, 18008), (520, 18185), (535, 18296), (542, 18362), (544, 18383), (548, 18422), (549, 18437),

Gene: Dussy_25 Start: 16660, Stop: 19059, Start Num: 40

Candidate Starts for Dussy_25:

(Start: 40 @16660 has 174 MA's), (45, 16699), (59, 16762), (Start: 65 @16792 has 23 MA's), (69, 16813), (74, 16834), (78, 16846), (83, 16864), (114, 16909), (126, 16954), (159, 17152), (163, 17185), (173, 17251), (209, 17506), (213, 17527), (218, 17554), (225, 17593), (243, 17650), (259, 17680), (317, 17842), (361, 17995), (366, 18007), (370, 18022), (394, 18139), (401, 18184), (406, 18205), (407, 18208), (432, 18358), (436, 18373), (453, 18439), (471, 18481), (511, 18691), (520, 18772), (535, 18883), (544, 18970), (548, 19009), (549, 19024),

Gene: DustyMartin_29 Start: 15937, Stop: 18492, Start Num: 92

Candidate Starts for DustyMartin_29:

(Start: 57 @15760 has 8 MA's), (Start: 92 @15937 has 9 MA's), (96, 15958), (109, 16015), (129, 16111), (132, 16120), (152, 16225), (154, 16252), (159, 16288), (170, 16366), (172, 16375), (174, 16396), (179, 16423), (190, 16501), (195, 16543), (217, 16708), (248, 16858), (252, 16870), (285, 17065), (297, 17185), (302, 17230), (304, 17233), (305, 17236), (308, 17257), (309, 17260), (321, 17305), (331, 17341), (334, 17359), (339, 17380), (346, 17413), (375, 17527), (389, 17590), (401, 17668), (407, 17692), (420, 17767), (430, 17833), (436, 17857), (439, 17875), (472, 17971), (479, 17995), (481, 18007), (485, 18022), (491, 18043), (495, 18055), (525, 18268), (532, 18304), (534, 18325), (535, 18328), (546, 18424), (550, 18472),

Gene: Dynamix_25 Start: 16399, Stop: 18876, Start Num: 42

Candidate Starts for Dynamix_25:

(Start: 42 @16399 has 6 MA's), (44, 16414), (Start: 65 @16528 has 23 MA's), (74, 16570), (143, 16777), (147, 16795), (159, 16885), (168, 16948), (172, 16972), (173, 16984), (181, 17035), (243, 17419), (274, 17521), (286, 17560), (291, 17587), (306, 17611), (336, 17740), (366, 17839), (391, 17941), (395, 17962), (401, 18004), (420, 18103), (432, 18166), (458, 18256), (489, 18385), (499, 18418), (520, 18589), (535, 18700), (542, 18766), (544, 18787), (548, 18826), (549, 18841),

Gene: Eagle_24 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for Eagle_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's),
(108, 16251), (118, 16290), (124, 16320), (141, 16404), (147, 16437), (152, 16464), (159, 16527),
(168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124),
(285, 17202), (305, 17241), (331, 17337), (332, 17346), (346, 17409), (350, 17430), (358, 17457),
(372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871),
(481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Eaglepride_26 Start: 15877, Stop: 18447, Start Num: 92

Candidate Starts for Eaglepride_26:

(Start: 57 @15700 has 8 MA's), (Start: 92 @15877 has 9 MA's), (109, 15955), (124, 16030), (128, 16054), (132, 16069), (145, 16141), (152, 16174), (153, 16183), (156, 16216), (159, 16237), (166, 16291), (168, 16300), (170, 16315), (172, 16324), (174, 16345), (186, 16426), (190, 16450), (222, 16690), (257, 16849), (258, 16852), (289, 17068), (297, 17143), (304, 17191), (305, 17194), (308, 17215), (309, 17218), (331, 17299), (332, 17308), (339, 17338), (349, 17386), (350, 17392), (375, 17485), (396, 17593), (401, 17626), (404, 17638), (407, 17650), (411, 17668), (420, 17725), (430, 17791), (436, 17815), (439, 17833), (441, 17854), (449, 17872), (465, 17905), (472, 17926), (481, 17962), (491, 17998), (495, 18010), (525, 18223), (535, 18283), (546, 18379), (550, 18427),

Gene: Eapen_25 Start: 16025, Stop: 18484, Start Num: 65

Candidate Starts for Eapen_25:

(Start: 39 @15884 has 116 MA's), (Start: 65 @16025 has 23 MA's), (Start: 68 @16043 has 1 MA's),
(108, 16250), (118, 16289), (124, 16319), (147, 16436), (152, 16463), (159, 16526), (168, 16589),
(174, 16634), (181, 16676), (191, 16760), (233, 17027), (245, 17078), (261, 17123), (285, 17201),
(305, 17240), (346, 17408), (350, 17429), (357, 17453), (373, 17519), (385, 17573), (395, 17621),
(407, 17687), (436, 17852), (439, 17870), (481, 17996), (521, 18248), (523, 18251), (525, 18260),
(535, 18320), (546, 18416), (550, 18464),

Gene: Edison31_25 Start: 15727, Stop: 18456, Start Num: 57

Candidate Starts for Edison31_25:

(Start: 57 @15727 has 8 MA's), (Start: 92 @15904 has 9 MA's), (96, 15925), (101, 15949), (108, 15979), (109, 15982), (110, 15991), (120, 16030), (124, 16045), (128, 16069), (139, 16114), (145, 16156), (152, 16189), (153, 16198), (159, 16252), (166, 16306), (168, 16315), (172, 16339), (174, 16360), (190, 16465), (195, 16507), (285, 17029), (297, 17149), (302, 17194), (304, 17197), (305, 17200), (309, 17224), (321, 17269), (331, 17305), (339, 17344), (346, 17377), (375, 17491), (401, 17632), (407, 17656), (420, 17731), (430, 17797), (436, 17821), (439, 17839), (462, 17905), (479, 17959), (481, 17971), (485, 17986), (491, 18007), (495, 18019), (525, 18232), (532, 18268), (534, 18289), (535, 18292), (546, 18388), (550, 18436),

Gene: Edtherson_25 Start: 17152, Stop: 19623, Start Num: 40

Candidate Starts for Edtherson_25:

(Start: 40 @17152 has 174 MA's), (45, 17191), (59, 17254), (Start: 65 @17284 has 23 MA's), (69, 17305), (74, 17326), (78, 17338), (105, 17356), (126, 17446), (159, 17644), (163, 17677), (173, 17743), (205, 17998), (210, 18019), (214, 18046), (221, 18085), (232, 18142), (240, 18172), (248, 18205), (261, 18241), (289, 18334), (295, 18355), (315, 18412), (345, 18532), (352, 18568), (366, 18598), (375, 18634), (391, 18700), (395, 18721), (401, 18763), (420, 18862), (453, 19003), (465, 19024), (511, 19255), (520, 19336), (535, 19447), (544, 19534), (548, 19573), (550, 19603),

Gene: ElTiger69_22 Start: 15089, Stop: 17902, Start Num: 1

Candidate Starts for ElTiger69_22:

(Start: 1 @15089 has 10 MA's), (3, 15278), (51, 15761), (52, 15767), (94, 15860), (107, 15911), (113, 15947), (133, 16037), (145, 16103), (149, 16124), (159, 16199), (163, 16232), (172, 16286), (175, 16319), (176, 16322), (178, 16331), (191, 16430), (196, 16463), (212, 16592), (253, 16757), (273, 16790), (283, 16823), (322, 16904), (328, 16916), (335, 16949), (370, 17036), (383, 17069), (385,

17081), (396, 17111), (425, 17174), (430, 17216), (445, 17288), (459, 17315), (464, 17330), (473, 17357), (479, 17378), (498, 17465), (503, 17495), (511, 17558), (522, 17657), (525, 17669), (527, 17681), (528, 17690), (546, 17837),

Gene: Elle_26 Start: 15411, Stop: 18080, Start Num: 27

Candidate Starts for Elle_26:

(20, 15351), (21, 15360), (27, 15411), (29, 15441), (85, 15801), (87, 15807), (100, 15903), (102, 15912), (103, 15915), (116, 15972), (125, 16008), (134, 16050), (141, 16077), (145, 16104), (158, 16197), (159, 16200), (163, 16233), (171, 16284), (182, 16356), (190, 16413), (196, 16467), (202, 16530), (211, 16572), (218, 16605), (223, 16647), (264, 16749), (272, 16788), (318, 16917), (333, 16968), (359, 17073), (366, 17097), (370, 17112), (400, 17238), (402, 17256), (413, 17310), (444, 17469), (452, 17487), (457, 17496), (462, 17517), (475, 17559), (478, 17571), (510, 17736), (516, 17808), (530, 17895), (531, 17901),

Gene: EnzoK_25 Start: 16577, Stop: 19048, Start Num: 40

Candidate Starts for EnzoK_25:

(Start: 40 @16577 has 174 MA's), (45, 16616), (59, 16679), (Start: 65 @16709 has 23 MA's), (69, 16730), (74, 16751), (78, 16763), (105, 16781), (126, 16871), (159, 17069), (163, 17102), (173, 17168), (205, 17423), (210, 17444), (214, 17471), (221, 17510), (232, 17567), (240, 17597), (248, 17630), (261, 17666), (289, 17759), (295, 17780), (315, 17837), (345, 17957), (352, 17993), (366, 18023), (375, 18059), (391, 18125), (395, 18146), (401, 18188), (420, 18287), (453, 18428), (465, 18449), (511, 18680), (520, 18761), (535, 18872), (544, 18959), (548, 18998), (549, 19013),

Gene: Epsocamisio_28 Start: 15923, Stop: 18109, Start Num: 82

Candidate Starts for Epsocamisio_28:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16163), (132, 16169), (146, 16238), (154, 16295), (174, 16439), (181, 16481), (188, 16529), (189, 16532), (199, 16643), (202, 16661), (222, 16766), (232, 16814), (282, 16919), (307, 16979), (327, 17033), (335, 17069), (341, 17093), (344, 17102), (360, 17165), (366, 17186), (370, 17201), (377, 17225), (381, 17237), (395, 17291), (398, 17312), (403, 17342), (438, 17513), (440, 17534), (475, 17618), (528, 17921), (546, 18044), (547, 18056),

Gene: EricB_29 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for EricB_29:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: Eris_24 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Eris_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Eros_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Eros_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),

(174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Espresso_24 Start: 16449, Stop: 18920, Start Num: 40

Candidate Starts for Espresso_24:

(Start: 40 @16449 has 174 MA's), (45, 16488), (59, 16551), (Start: 65 @16581 has 23 MA's), (69, 16602), (74, 16623), (105, 16653), (110, 16677), (126, 16743), (159, 16941), (163, 16974), (173, 17040), (205, 17295), (210, 17316), (214, 17343), (248, 17502), (261, 17538), (289, 17631), (295, 17652), (306, 17667), (310, 17688), (311, 17691), (330, 17760), (336, 17796), (345, 17829), (352, 17865), (366, 17895), (375, 17931), (391, 17997), (395, 18018), (420, 18159), (453, 18300), (465, 18321), (497, 18456), (520, 18633), (535, 18744), (542, 18810), (544, 18831), (548, 18870), (549, 18885),

Gene: Euphoria_24 Start: 16340, Stop: 18808, Start Num: 40

Candidate Starts for Euphoria_24:

(Start: 40 @16340 has 174 MA's), (44, 16355), (Start: 65 @16469 has 23 MA's), (69, 16490), (74, 16511), (105, 16541), (110, 16565), (126, 16631), (159, 16829), (163, 16862), (173, 16928), (205, 17183), (210, 17204), (214, 17231), (248, 17390), (261, 17426), (289, 17519), (295, 17540), (306, 17555), (310, 17576), (311, 17579), (330, 17648), (336, 17684), (345, 17717), (352, 17753), (366, 17783), (375, 17819), (391, 17885), (395, 17906), (420, 18047), (453, 18188), (465, 18209), (497, 18344), (520, 18521), (535, 18632), (542, 18698), (544, 18719), (548, 18758), (549, 18773),

Gene: Eurydice_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Eurydice_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (221, 16965), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Eyeball_24 Start: 16155, Stop: 18635, Start Num: 40

Candidate Starts for Eyeball_24:

(Start: 40 @16155 has 174 MA's), (45, 16194), (59, 16257), (Start: 65 @16287 has 23 MA's), (74, 16329), (143, 16536), (147, 16554), (159, 16644), (168, 16707), (172, 16731), (173, 16743), (181, 16794), (243, 17178), (274, 17280), (286, 17319), (291, 17346), (306, 17370), (336, 17499), (366, 17598), (391, 17700), (395, 17721), (397, 17733), (401, 17763), (420, 17862), (432, 17925), (458, 18015), (489, 18144), (499, 18177), (535, 18459), (544, 18546), (548, 18585), (549, 18600),

Gene: Fajezeel_26 Start: 16674, Stop: 19145, Start Num: 40

Candidate Starts for Fajezeel_26:

(Start: 40 @16674 has 174 MA's), (45, 16713), (59, 16776), (Start: 65 @16806 has 23 MA's), (69, 16827), (74, 16848), (78, 16860), (105, 16878), (110, 16902), (140, 17040), (147, 17076), (159, 17166), (163, 17199), (173, 17265), (205, 17520), (210, 17541), (214, 17568), (216, 17583), (232, 17664), (248, 17727), (261, 17763), (289, 17856), (295, 17877), (306, 17892), (310, 17913), (311, 17916), (330, 17985), (336, 18021), (345, 18054), (352, 18090), (366, 18120), (375, 18156), (391, 18222), (395, 18243), (420, 18384), (453, 18525), (465, 18546), (497, 18681), (520, 18858), (535, 18969), (542, 19035), (544, 19056), (548, 19095), (549, 19110),

Gene: Florean_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Florean_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's),
(108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587),
(174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199),
(305, 17238), (308, 17259), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517),
(375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994),
(521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Flux_25 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for Flux_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's),
(108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),
(174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202),
(305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520),
(375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997),
(521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: FlyCatcher_29 Start: 17560, Stop: 20943, Start Num: 7

Candidate Starts for FlyCatcher_29:

(Start: 7 @17560 has 4 MA's), (30, 17947), (37, 18004), (55, 18136), (59, 18148), (70, 18199), (95,
18346), (129, 18529), (131, 18535), (139, 18568), (140, 18580), (155, 18673), (157, 18694), (159,
18706), (182, 18862), (185, 18886), (193, 18949), (200, 19024), (206, 19066), (216, 19120), (220,
19141), (228, 19198), (230, 19204), (231, 19207), (251, 19291), (255, 19306), (261, 19333), (263,
19339), (276, 19432), (278, 19444), (279, 19447), (298, 19597), (300, 19612), (304, 19630), (308,
19654), (313, 19672), (314, 19675), (343, 19786), (354, 19849), (355, 19852), (370, 19909), (371,
19915), (382, 19963), (389, 19993), (401, 20071), (404, 20083), (406, 20092), (411, 20113), (424,
20191), (436, 20260), (439, 20278), (450, 20329), (460, 20365), (463, 20377), (474, 20410), (480,
20440), (483, 20461), (497, 20512), (503, 20545), (513, 20626), (517, 20659), (520, 20689), (527,
20731), (532, 20755), (540, 20821), (542, 20836), (543, 20842), (548, 20893),

Gene: Forsytheast_23 Start: 16363, Stop: 18834, Start Num: 40

Candidate Starts for Forsytheast_23:

(Start: 40 @16363 has 174 MA's), (45, 16402), (59, 16465), (Start: 65 @16495 has 23 MA's), (69,
16516), (74, 16537), (78, 16549), (105, 16567), (126, 16657), (159, 16855), (163, 16888), (173,
16954), (205, 17209), (210, 17230), (214, 17257), (248, 17416), (261, 17452), (289, 17545), (295,
17566), (315, 17623), (345, 17743), (352, 17779), (366, 17809), (375, 17845), (391, 17911), (395,
17932), (420, 18073), (453, 18214), (465, 18235), (511, 18466), (520, 18547), (535, 18658), (539,
18700), (544, 18745), (548, 18784), (549, 18799),

Gene: Francis47_24 Start: 16902, Stop: 19382, Start Num: 40

Candidate Starts for Francis47_24:

(Start: 40 @16902 has 174 MA's), (45, 16941), (59, 17004), (Start: 65 @17034 has 23 MA's), (74,
17076), (143, 17283), (147, 17301), (159, 17391), (168, 17454), (172, 17478), (173, 17490), (181,
17541), (243, 17925), (274, 18027), (286, 18066), (291, 18093), (306, 18117), (366, 18345), (391,
18447), (395, 18468), (397, 18480), (401, 18510), (420, 18609), (432, 18672), (489, 18891), (499,
18924), (535, 19206), (544, 19293), (548, 19332), (550, 19362),

Gene: Froghopper_25 Start: 16326, Stop: 18797, Start Num: 40

Candidate Starts for Froghopper_25:

(Start: 40 @16326 has 174 MA's), (45, 16365), (59, 16428), (Start: 65 @16458 has 23 MA's), (69,
16479), (74, 16500), (78, 16512), (105, 16530), (114, 16575), (126, 16620), (159, 16818), (163,
16851), (173, 16917), (205, 17172), (210, 17193), (214, 17220), (248, 17379), (261, 17415), (289,
17508), (295, 17529), (315, 17586), (345, 17706), (352, 17742), (366, 17772), (375, 17808), (391,
17874), (395, 17895), (415, 18012), (420, 18036), (453, 18177), (465, 18198), (511, 18429), (520,

18510), (535, 18621), (542, 18687), (544, 18708), (548, 18747), (549, 18762),

Gene: Funston_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Funston_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Fushigi_25 Start: 16774, Stop: 19254, Start Num: 40

Candidate Starts for Fushigi_25:

(Start: 40 @16774 has 174 MA's), (45, 16813), (59, 16876), (Start: 65 @16906 has 23 MA's), (74, 16948), (143, 17155), (147, 17173), (159, 17263), (168, 17326), (172, 17350), (173, 17362), (181, 17413), (243, 17797), (274, 17899), (286, 17938), (289, 17953), (291, 17965), (306, 17989), (336, 18118), (366, 18217), (391, 18319), (395, 18340), (397, 18352), (401, 18382), (420, 18481), (432, 18544), (489, 18763), (499, 18796), (535, 19078), (542, 19144), (544, 19165), (548, 19204), (550, 19234),

Gene: GMonster_23 Start: 16194, Stop: 18194, Start Num: 40

Candidate Starts for GMonster_23:

(Start: 40 @16194 has 174 MA's), (45, 16233), (59, 16296), (Start: 65 @16326 has 23 MA's), (69, 16347), (106, 16407), (128, 16503), (137, 16542), (143, 16572), (145, 16584), (159, 16680), (163, 16713), (196, 16947), (235, 17172), (249, 17235), (289, 17337), (293, 17349), (328, 17427), (337, 17469), (361, 17523), (366, 17535), (370, 17550), (373, 17568), (376, 17580), (397, 17658), (401, 17688), (410, 17733), (420, 17784), (477, 17994), (509, 18144),

Gene: Gachnar_24 Start: 16385, Stop: 18856, Start Num: 40

Candidate Starts for Gachnar_24:

(Start: 40 @16385 has 174 MA's), (45, 16424), (59, 16487), (Start: 65 @16517 has 23 MA's), (69, 16538), (74, 16559), (78, 16571), (105, 16589), (126, 16679), (159, 16877), (163, 16910), (173, 16976), (205, 17231), (210, 17252), (214, 17279), (248, 17438), (261, 17474), (289, 17567), (295, 17588), (315, 17645), (345, 17765), (352, 17801), (366, 17831), (375, 17867), (391, 17933), (395, 17954), (420, 18095), (453, 18236), (465, 18257), (497, 18392), (520, 18569), (535, 18680), (544, 18767), (548, 18806), (549, 18821),

Gene: Gadost_25 Start: 16030, Stop: 18489, Start Num: 65

Candidate Starts for Gadost_25:

(Start: 39 @15889 has 116 MA's), (Start: 65 @16030 has 23 MA's), (Start: 68 @16048 has 1 MA's), (108, 16255), (118, 16294), (124, 16324), (147, 16441), (152, 16468), (159, 16531), (168, 16594), (174, 16639), (181, 16681), (191, 16765), (233, 17032), (245, 17083), (261, 17128), (285, 17206), (302, 17239), (305, 17245), (308, 17266), (346, 17413), (350, 17434), (357, 17458), (373, 17524), (385, 17578), (395, 17626), (407, 17692), (436, 17857), (439, 17875), (481, 18001), (521, 18253), (523, 18256), (525, 18265), (535, 18325), (546, 18421), (550, 18469),

Gene: GageAP_26 Start: 17075, Stop: 19546, Start Num: 40

Candidate Starts for GageAP_26:

(Start: 40 @17075 has 174 MA's), (45, 17114), (59, 17177), (60, 17183), (Start: 65 @17207 has 23 MA's), (69, 17228), (74, 17249), (105, 17279), (110, 17303), (126, 17369), (159, 17567), (163, 17600), (173, 17666), (205, 17921), (210, 17942), (214, 17969), (248, 18128), (261, 18164), (289, 18257), (295, 18278), (306, 18293), (310, 18314), (311, 18317), (330, 18386), (336, 18422), (345, 18455), (352, 18491), (366, 18521), (375, 18557), (391, 18623), (395, 18644), (420, 18785), (453, 18926),

(465, 18947), (497, 19082), (520, 19259), (535, 19370), (539, 19412), (544, 19457), (548, 19496), (549, 19511),

Gene: Gail_25 Start: 15723, Stop: 18137, Start Num: 58

Candidate Starts for Gail_25:

(Start: 58 @15723 has 6 MA's), (Start: 62 @15741 has 5 MA's), (67, 15774), (89, 15876), (97, 15918), (105, 15960), (108, 15972), (133, 16086), (143, 16140), (152, 16185), (159, 16248), (163, 16281), (177, 16377), (190, 16461), (205, 16602), (232, 16746), (245, 16800), (250, 16815), (260, 16842), (264, 16854), (320, 17040), (358, 17196), (387, 17286), (396, 17337), (408, 17397), (414, 17430), (416, 17442), (421, 17475), (423, 17484), (451, 17616), (461, 17628), (469, 17652), (489, 17706), (512, 17823), (527, 17934), (538, 18009), (547, 18075), (550, 18111),

Gene: Gandalf20_25 Start: 17202, Stop: 19673, Start Num: 40

Candidate Starts for Gandalf20_25:

(Start: 40 @17202 has 174 MA's), (45, 17241), (59, 17304), (Start: 65 @17334 has 23 MA's), (69, 17355), (74, 17376), (78, 17388), (105, 17406), (110, 17430), (126, 17496), (159, 17694), (163, 17727), (173, 17793), (205, 18048), (210, 18069), (214, 18096), (248, 18255), (261, 18291), (289, 18384), (295, 18405), (315, 18462), (330, 18513), (336, 18549), (345, 18582), (352, 18618), (366, 18648), (375, 18684), (391, 18750), (395, 18771), (420, 18912), (453, 19053), (465, 19074), (497, 19209), (520, 19386), (535, 19497), (542, 19563), (544, 19584), (548, 19623), (549, 19638),

Gene: Garak_30 Start: 16733, Stop: 18937, Start Num: 53

Candidate Starts for Garak_30:

(32, 16574), (46, 16688), (Start: 53 @16733 has 49 MA's), (73, 16844), (99, 17000), (132, 17147), (134, 17159), (159, 17309), (163, 17342), (176, 17432), (187, 17501), (222, 17744), (315, 17882), (360, 18002), (405, 18155), (420, 18218), (429, 18260), (457, 18359), (462, 18380), (468, 18401), (475, 18422), (484, 18473), (486, 18485), (490, 18500), (508, 18581), (516, 18659),

Gene: Ghoulboy_22 Start: 15349, Stop: 18750, Start Num: 1

Candidate Starts for Ghoulboy_22:

(Start: 1 @15349 has 10 MA's), (2, 15409), (4, 15562), (6, 15601), (13, 15787), (31, 16015), (33, 16027), (35, 16039), (51, 16171), (66, 16249), (71, 16279), (81, 16336), (102, 16483), (104, 16489), (105, 16495), (132, 16621), (134, 16633), (159, 16783), (164, 16819), (168, 16849), (170, 16864), (174, 16894), (175, 16906), (180, 16930), (190, 16999), (198, 17065), (222, 17221), (238, 17290), (239, 17293), (243, 17320), (250, 17344), (290, 17482), (303, 17503), (315, 17536), (328, 17578), (375, 17770), (380, 17800), (388, 17824), (390, 17836), (395, 17857), (401, 17899), (417, 17986), (425, 18022), (428, 18043), (430, 18064), (448, 18142), (459, 18163), (466, 18184), (473, 18205), (479, 18226), (482, 18250), (498, 18313), (511, 18406), (513, 18424), (522, 18505), (525, 18517), (527, 18529), (528, 18538), (537, 18592), (545, 18676), (546, 18685),

Gene: Gladiator_29 Start: 16707, Stop: 18923, Start Num: 53

Candidate Starts for Gladiator_29:

(46, 16662), (Start: 53 @16707 has 49 MA's), (73, 16818), (99, 16974), (132, 17121), (134, 17133), (158, 17280), (159, 17283), (163, 17316), (176, 17406), (187, 17475), (196, 17550), (222, 17718), (360, 17976), (374, 18021), (405, 18129), (420, 18192), (429, 18234), (457, 18333), (462, 18354), (475, 18396), (484, 18447), (490, 18474), (508, 18555), (516, 18645),

Gene: Gompeii16_24 Start: 16850, Stop: 19330, Start Num: 40

Candidate Starts for Gompeii16_24:

(Start: 40 @16850 has 174 MA's), (45, 16889), (59, 16952), (Start: 65 @16982 has 23 MA's), (74, 17024), (143, 17231), (147, 17249), (159, 17339), (168, 17402), (172, 17426), (173, 17438), (181, 17489), (243, 17873), (274, 17975), (286, 18014), (289, 18029), (291, 18041), (306, 18065), (366, 18293), (391, 18395), (395, 18416), (397, 18428), (401, 18458), (420, 18557), (432, 18620), (489,

18839), (499, 18872), (535, 19154), (544, 19241), (548, 19280), (550, 19310),

Gene: Goose_25 Start: 15688, Stop: 18417, Start Num: 57

Candidate Starts for Goose_25:

(25, 15457), (Start: 57 @15688 has 8 MA's), (Start: 92 @15865 has 9 MA's), (96, 15886), (101, 15910), (102, 15916), (108, 15940), (109, 15943), (110, 15952), (120, 15991), (122, 16000), (124, 16006), (128, 16030), (139, 16075), (145, 16117), (152, 16150), (153, 16159), (159, 16213), (166, 16267), (168, 16276), (172, 16300), (174, 16321), (190, 16426), (195, 16468), (248, 16783), (252, 16795), (257, 16822), (285, 16990), (297, 17110), (302, 17155), (304, 17158), (305, 17161), (308, 17182), (309, 17185), (321, 17230), (346, 17338), (350, 17359), (367, 17419), (375, 17452), (389, 17515), (401, 17593), (407, 17617), (420, 17692), (430, 17758), (436, 17782), (439, 17800), (447, 17836), (462, 17866), (478, 17908), (479, 17920), (481, 17932), (491, 17968), (495, 17980), (525, 18193), (527, 18205), (532, 18229), (535, 18253), (546, 18349), (550, 18397),

Gene: Graduation_26 Start: 17109, Stop: 19577, Start Num: 40

Candidate Starts for Graduation_26:

(Start: 40 @17109 has 174 MA's), (44, 17124), (Start: 65 @17238 has 23 MA's), (74, 17280), (105, 17310), (110, 17334), (126, 17400), (159, 17598), (163, 17631), (173, 17697), (205, 17952), (210, 17973), (214, 18000), (248, 18159), (261, 18195), (289, 18288), (295, 18309), (306, 18324), (310, 18345), (311, 18348), (330, 18417), (336, 18453), (345, 18486), (352, 18522), (366, 18552), (375, 18588), (391, 18654), (395, 18675), (420, 18816), (453, 18957), (465, 18978), (497, 19113), (520, 19290), (535, 19401), (542, 19467), (544, 19488), (548, 19527), (549, 19542),

Gene: GrecoEtereo_25 Start: 16652, Stop: 19120, Start Num: 40

Candidate Starts for GrecoEtereo_25:

(Start: 40 @16652 has 174 MA's), (44, 16667), (Start: 65 @16781 has 23 MA's), (74, 16823), (105, 16853), (126, 16943), (127, 16946), (159, 17141), (173, 17240), (205, 17495), (210, 17516), (214, 17543), (248, 17702), (261, 17738), (289, 17831), (295, 17852), (315, 17909), (345, 18029), (352, 18065), (366, 18095), (375, 18131), (391, 18197), (395, 18218), (420, 18359), (453, 18500), (465, 18521), (497, 18656), (520, 18833), (535, 18944), (539, 18986), (544, 19031), (548, 19070),

Gene: GreedyLawyer_29 Start: 16735, Stop: 18939, Start Num: 53

Candidate Starts for GreedyLawyer_29:

(32, 16576), (46, 16690), (Start: 53 @16735 has 49 MA's), (73, 16846), (74, 16852), (93, 16960), (99, 17002), (112, 17068), (134, 17161), (141, 17188), (159, 17311), (163, 17344), (176, 17434), (187, 17503), (222, 17746), (315, 17884), (360, 18004), (405, 18157), (420, 18220), (429, 18262), (457, 18361), (462, 18382), (468, 18403), (475, 18424), (484, 18475), (486, 18487), (490, 18502), (508, 18583), (516, 18661),

Gene: Greg_26 Start: 16674, Stop: 19145, Start Num: 40

Candidate Starts for Greg_26:

(Start: 40 @16674 has 174 MA's), (45, 16713), (59, 16776), (Start: 65 @16806 has 23 MA's), (69, 16827), (74, 16848), (78, 16860), (105, 16878), (110, 16902), (140, 17040), (147, 17076), (159, 17166), (163, 17199), (173, 17265), (205, 17520), (210, 17541), (214, 17568), (216, 17583), (232, 17664), (248, 17727), (261, 17763), (289, 17856), (295, 17877), (306, 17892), (310, 17913), (311, 17916), (330, 17985), (336, 18021), (345, 18054), (352, 18090), (366, 18120), (375, 18156), (391, 18222), (395, 18243), (420, 18384), (453, 18525), (465, 18546), (497, 18681), (520, 18858), (535, 18969), (542, 19035), (544, 19056), (548, 19095), (549, 19110),

Gene: GroundGoblin_25 Start: 17195, Stop: 19666, Start Num: 40

Candidate Starts for GroundGoblin_25:

(Start: 40 @17195 has 174 MA's), (45, 17234), (59, 17297), (Start: 65 @17327 has 23 MA's), (69, 17348), (74, 17369), (78, 17381), (105, 17399), (110, 17423), (126, 17489), (159, 17687), (163,

17720), (173, 17786), (205, 18041), (210, 18062), (214, 18089), (232, 18185), (240, 18215), (248, 18248), (261, 18284), (289, 18377), (295, 18398), (315, 18455), (345, 18575), (352, 18611), (366, 18641), (375, 18677), (391, 18743), (395, 18764), (401, 18806), (420, 18905), (453, 19046), (465, 19067), (497, 19202), (535, 19490), (544, 19577), (548, 19616),

Gene: Gruunaga_29 Start: 16707, Stop: 18923, Start Num: 53

Candidate Starts for Gruunaga_29:

(46, 16662), (Start: 53 @16707 has 49 MA's), (73, 16818), (99, 16974), (132, 17121), (134, 17133), (158, 17280), (159, 17283), (163, 17316), (176, 17406), (187, 17475), (196, 17550), (222, 17718), (360, 17976), (374, 18021), (405, 18129), (420, 18192), (429, 18234), (457, 18333), (462, 18354), (475, 18396), (484, 18447), (490, 18474), (508, 18555), (516, 18645),

Gene: Gyzlar_26 Start: 17600, Stop: 20071, Start Num: 40

Candidate Starts for Gyzlar_26:

(Start: 40 @17600 has 174 MA's), (45, 17639), (59, 17702), (Start: 65 @17732 has 23 MA's), (69, 17753), (74, 17774), (78, 17786), (105, 17804), (110, 17828), (126, 17894), (132, 17921), (159, 18092), (163, 18125), (173, 18191), (205, 18446), (210, 18467), (214, 18494), (221, 18533), (232, 18590), (240, 18620), (289, 18782), (295, 18803), (315, 18860), (345, 18980), (352, 19016), (366, 19046), (375, 19082), (391, 19148), (395, 19169), (401, 19211), (420, 19310), (453, 19451), (465, 19472), (511, 19703), (520, 19784), (535, 19895), (544, 19982), (548, 20021), (550, 20051),

Gene: HINdeR_25 Start: 17367, Stop: 20738, Start Num: 7

Candidate Starts for HINdeR_25:

(Start: 7 @17367 has 4 MA's), (12, 17529), (22, 17679), (30, 17754), (48, 17904), (59, 17955), (70, 18006), (Start: 92 @18141 has 9 MA's), (131, 18342), (139, 18375), (148, 18435), (149, 18438), (152, 18450), (154, 18477), (160, 18522), (163, 18546), (167, 18570), (174, 18621), (178, 18645), (200, 18831), (204, 18858), (206, 18873), (214, 18912), (216, 18927), (220, 18948), (224, 18990), (228, 19005), (230, 19011), (231, 19014), (251, 19098), (255, 19113), (261, 19140), (262, 19143), (267, 19176), (271, 19212), (276, 19239), (277, 19242), (278, 19251), (298, 19404), (299, 19416), (300, 19419), (304, 19437), (306, 19446), (307, 19452), (308, 19461), (313, 19479), (316, 19488), (323, 19512), (329, 19530), (343, 19593), (347, 19626), (355, 19659), (357, 19668), (358, 19671), (361, 19680), (362, 19683), (366, 19701), (373, 19734), (382, 19770), (389, 19800), (396, 19845), (404, 19890), (406, 19899), (407, 19902), (409, 19911), (411, 19920), (436, 20067), (439, 20085), (456, 20142), (460, 20160), (463, 20172), (467, 20184), (469, 20193), (476, 20214), (480, 20235), (481, 20247), (489, 20280), (492, 20292), (494, 20298), (501, 20322), (503, 20340), (504, 20343), (513, 20421), (520, 20484), (523, 20505), (527, 20526), (532, 20550), (540, 20616), (542, 20631), (543, 20637),

Gene: HamSlice_24 Start: 15883, Stop: 18483, Start Num: 39

Candidate Starts for HamSlice_24:

(Start: 39 @15883 has 116 MA's), (Start: 65 @16024 has 23 MA's), (Start: 68 @16042 has 1 MA's), (108, 16249), (118, 16288), (124, 16318), (141, 16402), (147, 16435), (152, 16462), (159, 16525), (168, 16588), (174, 16633), (181, 16675), (191, 16759), (233, 17026), (245, 17077), (261, 17122), (285, 17200), (305, 17239), (346, 17407), (350, 17428), (357, 17452), (373, 17518), (385, 17572), (395, 17620), (407, 17686), (436, 17851), (439, 17869), (481, 17995), (521, 18247), (523, 18250), (525, 18259), (535, 18319), (546, 18415), (550, 18463),

Gene: Hami1_26 Start: 16746, Stop: 19217, Start Num: 40

Candidate Starts for Hami1_26:

(Start: 40 @16746 has 174 MA's), (45, 16785), (59, 16848), (Start: 65 @16878 has 23 MA's), (69, 16899), (74, 16920), (78, 16932), (105, 16950), (126, 17040), (159, 17238), (163, 17271), (173, 17337), (205, 17592), (210, 17613), (214, 17640), (248, 17799), (261, 17835), (289, 17928), (295, 17949), (315, 18006), (345, 18126), (352, 18162), (366, 18192), (375, 18228), (391, 18294), (395,

18315), (420, 18456), (453, 18597), (465, 18618), (497, 18753), (520, 18930), (535, 19041), (544, 19128), (548, 19167), (549, 19182),

Gene: Hammer_29 Start: 16722, Stop: 18938, Start Num: 53

Candidate Starts for Hammer_29:

(46, 16677), (Start: 53 @16722 has 49 MA's), (73, 16833), (99, 16989), (132, 17136), (134, 17148), (158, 17295), (159, 17298), (163, 17331), (176, 17421), (187, 17490), (196, 17565), (222, 17733), (360, 17991), (374, 18036), (405, 18144), (420, 18207), (429, 18249), (457, 18348), (462, 18369), (475, 18411), (484, 18462), (490, 18489), (508, 18570), (516, 18660),

Gene: HanShotFirst_24 Start: 16280, Stop: 18751, Start Num: 40

Candidate Starts for HanShotFirst_24:

(Start: 40 @16280 has 174 MA's), (45, 16319), (59, 16382), (Start: 65 @16412 has 23 MA's), (69, 16433), (74, 16454), (78, 16466), (105, 16484), (110, 16508), (126, 16574), (140, 16646), (147, 16682), (159, 16772), (163, 16805), (173, 16871), (205, 17126), (210, 17147), (214, 17174), (216, 17189), (248, 17333), (261, 17369), (289, 17462), (295, 17483), (315, 17540), (345, 17660), (352, 17696), (366, 17726), (375, 17762), (391, 17828), (395, 17849), (420, 17990), (453, 18131), (465, 18152), (497, 18287), (520, 18464), (535, 18575), (544, 18662), (548, 18701), (549, 18716),

Gene: Happiness_25 Start: 15891, Stop: 18491, Start Num: 39

Candidate Starts for Happiness_25:

(Start: 39 @15891 has 116 MA's), (Start: 65 @16032 has 23 MA's), (Start: 68 @16050 has 1 MA's), (108, 16257), (118, 16296), (124, 16326), (147, 16443), (152, 16470), (159, 16533), (168, 16596), (174, 16641), (181, 16683), (191, 16767), (233, 17034), (245, 17085), (261, 17130), (285, 17208), (302, 17241), (305, 17247), (334, 17361), (346, 17415), (357, 17460), (372, 17520), (376, 17538), (385, 17580), (395, 17628), (407, 17694), (436, 17859), (439, 17877), (481, 18003), (521, 18255), (523, 18258), (525, 18267), (534, 18324), (535, 18327), (541, 18372), (546, 18423), (550, 18471),

Gene: HarryOW_25 Start: 16725, Stop: 19205, Start Num: 40

Candidate Starts for HarryOW_25:

(Start: 40 @16725 has 174 MA's), (45, 16764), (59, 16827), (60, 16833), (Start: 65 @16857 has 23 MA's), (74, 16899), (143, 17106), (147, 17124), (159, 17214), (168, 17277), (172, 17301), (173, 17313), (181, 17364), (243, 17748), (274, 17850), (286, 17889), (291, 17916), (306, 17940), (366, 18168), (391, 18270), (395, 18291), (397, 18303), (401, 18333), (419, 18429), (420, 18432), (432, 18495), (489, 18714), (499, 18747), (535, 19029), (544, 19116), (548, 19155), (549, 19170),

Gene: Helmet_29 Start: 16733, Stop: 18937, Start Num: 53

Candidate Starts for Helmet_29:

(32, 16574), (46, 16688), (Start: 53 @16733 has 49 MA's), (73, 16844), (99, 17000), (132, 17147), (134, 17159), (159, 17309), (163, 17342), (176, 17432), (187, 17501), (222, 17744), (315, 17882), (360, 18002), (405, 18155), (420, 18218), (429, 18260), (457, 18359), (462, 18380), (468, 18401), (475, 18422), (484, 18473), (486, 18485), (490, 18500), (508, 18581), (516, 18659),

Gene: Herbertwm_23 Start: 15323, Stop: 17746, Start Num: 53

Candidate Starts for Herbertwm_23:

(Start: 53 @15323 has 49 MA's), (Start: 58 @15341 has 6 MA's), (63, 15353), (76, 15374), (77, 15380), (90, 15452), (99, 15518), (101, 15530), (114, 15593), (127, 15641), (129, 15656), (139, 15689), (141, 15704), (145, 15731), (151, 15758), (155, 15794), (158, 15824), (159, 15827), (160, 15836), (172, 15914), (174, 15935), (175, 15947), (181, 15977), (194, 16073), (198, 16109), (202, 16160), (215, 16238), (237, 16343), (248, 16388), (286, 16526), (316, 16616), (353, 16766), (379, 16859), (390, 16901), (405, 16976), (420, 17039), (442, 17156), (457, 17180), (462, 17201), (468, 17222), (479, 17267), (484, 17294), (493, 17330), (523, 17528), (527, 17549), (547, 17690),

Gene: Hermia_26 Start: 17387, Stop: 19858, Start Num: 40

Candidate Starts for Hermia_26:

(Start: 40 @17387 has 174 MA's), (45, 17426), (59, 17489), (Start: 65 @17519 has 23 MA's), (69, 17540), (74, 17561), (78, 17573), (105, 17591), (110, 17615), (126, 17681), (159, 17879), (163, 17912), (173, 17978), (205, 18233), (210, 18254), (214, 18281), (232, 18377), (240, 18407), (248, 18440), (261, 18476), (289, 18569), (295, 18590), (315, 18647), (345, 18767), (352, 18803), (366, 18833), (375, 18869), (391, 18935), (395, 18956), (401, 18998), (420, 19097), (453, 19238), (465, 19259), (497, 19394), (535, 19682), (544, 19769), (548, 19808),

Gene: HermioneGrange_24 Start: 16299, Stop: 18779, Start Num: 40

Candidate Starts for HermioneGrange_24:

(Start: 40 @16299 has 174 MA's), (45, 16338), (59, 16401), (Start: 65 @16431 has 23 MA's), (74, 16473), (143, 16680), (147, 16698), (159, 16788), (168, 16851), (172, 16875), (173, 16887), (181, 16938), (243, 17322), (274, 17424), (286, 17463), (291, 17490), (306, 17514), (336, 17643), (366, 17742), (391, 17844), (395, 17865), (397, 17877), (401, 17907), (420, 18006), (432, 18069), (458, 18159), (489, 18288), (499, 18321), (520, 18492), (535, 18603), (542, 18669), (544, 18690), (548, 18729), (550, 18759),

Gene: Hexamo_29 Start: 16689, Stop: 18905, Start Num: 53

Candidate Starts for Hexamo_29:

(46, 16644), (Start: 53 @16689 has 49 MA's), (73, 16800), (99, 16956), (132, 17103), (134, 17115), (158, 17262), (159, 17265), (163, 17298), (176, 17388), (187, 17457), (196, 17532), (222, 17700), (360, 17958), (374, 18003), (405, 18111), (420, 18174), (429, 18216), (457, 18315), (462, 18336), (475, 18378), (484, 18429), (490, 18456), (508, 18537), (516, 18627),

Gene: Holli_25 Start: 15675, Stop: 18275, Start Num: 39

Candidate Starts for Holli_25:

(Start: 39 @15675 has 116 MA's), (Start: 65 @15816 has 23 MA's), (Start: 68 @15834 has 1 MA's), (108, 16041), (118, 16080), (124, 16110), (147, 16227), (152, 16254), (159, 16317), (168, 16380), (174, 16425), (181, 16467), (191, 16551), (233, 16818), (245, 16869), (261, 16914), (285, 16992), (305, 17031), (346, 17199), (350, 17220), (357, 17244), (373, 17310), (385, 17364), (395, 17412), (407, 17478), (436, 17643), (439, 17661), (481, 17787), (521, 18039), (523, 18042), (525, 18051), (535, 18111), (546, 18207), (550, 18255),

Gene: Hoot_29 Start: 16714, Stop: 18918, Start Num: 53

Candidate Starts for Hoot_29:

(32, 16555), (46, 16669), (Start: 53 @16714 has 49 MA's), (73, 16825), (74, 16831), (93, 16939), (99, 16981), (112, 17047), (134, 17140), (141, 17167), (159, 17290), (163, 17323), (176, 17413), (187, 17482), (222, 17725), (315, 17863), (360, 17983), (405, 18136), (420, 18199), (429, 18241), (457, 18340), (462, 18361), (468, 18382), (475, 18403), (484, 18454), (486, 18466), (490, 18481), (508, 18562), (516, 18640),

Gene: Hope4ever_24 Start: 16765, Stop: 19242, Start Num: 42

Candidate Starts for Hope4ever_24:

(Start: 42 @16765 has 6 MA's), (44, 16780), (Start: 65 @16894 has 23 MA's), (74, 16936), (143, 17143), (147, 17161), (159, 17251), (168, 17314), (172, 17338), (173, 17350), (181, 17401), (197, 17527), (243, 17785), (274, 17887), (286, 17926), (289, 17941), (291, 17953), (306, 17977), (336, 18106), (366, 18205), (391, 18307), (395, 18328), (401, 18370), (420, 18469), (432, 18532), (489, 18751), (499, 18784), (535, 19066), (542, 19132), (544, 19153), (548, 19192), (549, 19207),

Gene: Houdini22_25 Start: 16030, Stop: 18489, Start Num: 65

Candidate Starts for Houdini22_25:

(Start: 39 @15889 has 116 MA's), (Start: 65 @16030 has 23 MA's), (Start: 68 @16048 has 1 MA's),
(108, 16255), (118, 16294), (124, 16324), (147, 16441), (152, 16468), (159, 16531), (168, 16594),
(174, 16639), (181, 16681), (191, 16765), (233, 17032), (245, 17083), (261, 17128), (285, 17206),
(302, 17239), (305, 17245), (308, 17266), (346, 17413), (350, 17434), (357, 17458), (373, 17524),
(385, 17578), (395, 17626), (407, 17692), (436, 17857), (439, 17875), (481, 18001), (521, 18253),
(523, 18256), (525, 18265), (535, 18325), (546, 18421), (550, 18469),

Gene: Huxley_25 Start: 16090, Stop: 18549, Start Num: 65

Candidate Starts for Huxley_25:

(Start: 39 @15949 has 116 MA's), (Start: 65 @16090 has 23 MA's), (Start: 68 @16108 has 1 MA's),
(108, 16315), (118, 16354), (124, 16384), (147, 16501), (152, 16528), (159, 16591), (168, 16654),
(174, 16699), (181, 16741), (191, 16825), (233, 17092), (245, 17143), (261, 17188), (285, 17266),
(302, 17299), (305, 17305), (308, 17326), (346, 17473), (350, 17494), (357, 17518), (373, 17584),
(385, 17638), (395, 17686), (407, 17752), (436, 17917), (439, 17935), (481, 18061), (521, 18313),
(523, 18316), (525, 18325), (535, 18385), (546, 18481), (550, 18529),

Gene: ICleared_25 Start: 16024, Stop: 18483, Start Num: 65

Candidate Starts for ICleared_25:

(Start: 39 @15883 has 116 MA's), (Start: 65 @16024 has 23 MA's), (Start: 68 @16042 has 1 MA's),
(108, 16249), (118, 16288), (124, 16318), (147, 16435), (152, 16462), (159, 16525), (168, 16588),
(174, 16633), (181, 16675), (191, 16759), (233, 17026), (245, 17077), (261, 17122), (285, 17200),
(302, 17233), (305, 17239), (346, 17407), (350, 17428), (357, 17452), (373, 17518), (385, 17572),
(395, 17620), (407, 17686), (436, 17851), (439, 17869), (481, 17995), (521, 18247), (523, 18250),
(525, 18259), (535, 18319), (546, 18415), (550, 18463),

Gene: ILeeKay_26 Start: 16526, Stop: 19006, Start Num: 40

Candidate Starts for ILeeKay_26:

(Start: 40 @16526 has 174 MA's), (45, 16565), (59, 16628), (Start: 65 @16658 has 23 MA's), (74,
16700), (143, 16907), (147, 16925), (159, 17015), (168, 17078), (172, 17102), (173, 17114), (181,
17165), (243, 17549), (274, 17651), (286, 17690), (291, 17717), (306, 17741), (366, 17969), (391,
18071), (395, 18092), (397, 18104), (401, 18134), (420, 18233), (432, 18296), (489, 18515), (499,
18548), (535, 18830), (544, 18917), (548, 18956), (549, 18971),

Gene: Iceman_26 Start: 16174, Stop: 18774, Start Num: 39

Candidate Starts for Iceman_26:

(Start: 39 @16174 has 116 MA's), (Start: 65 @16315 has 23 MA's), (Start: 68 @16333 has 1 MA's),
(108, 16540), (118, 16579), (124, 16609), (147, 16726), (152, 16753), (159, 16816), (168, 16879),
(174, 16924), (181, 16966), (191, 17050), (233, 17317), (245, 17368), (261, 17413), (285, 17491),
(302, 17524), (305, 17530), (331, 17626), (332, 17635), (346, 17698), (350, 17719), (358, 17746),
(367, 17779), (372, 17803), (373, 17809), (385, 17863), (395, 17911), (407, 17977), (436, 18142),
(439, 18160), (481, 18286), (521, 18538), (523, 18541), (525, 18550), (535, 18610), (546, 18706),
(550, 18754),

Gene: IgnatiusPatJac_23 Start: 16361, Stop: 18832, Start Num: 40

Candidate Starts for IgnatiusPatJac_23:

(Start: 40 @16361 has 174 MA's), (45, 16400), (59, 16463), (Start: 65 @16493 has 23 MA's), (69,
16514), (74, 16535), (78, 16547), (105, 16565), (126, 16655), (159, 16853), (163, 16886), (173,
16952), (205, 17207), (210, 17228), (214, 17255), (248, 17414), (261, 17450), (289, 17543), (295,
17564), (315, 17621), (345, 17741), (352, 17777), (366, 17807), (375, 17843), (391, 17909), (395,
17930), (420, 18071), (453, 18212), (465, 18233), (497, 18368), (520, 18545), (535, 18656), (542,
18722), (544, 18743), (548, 18782), (550, 18812),

Gene: Indra_29 Start: 16734, Stop: 18938, Start Num: 53

Candidate Starts for Indra_29:

(46, 16689), (Start: 53 @16734 has 49 MA's), (73, 16845), (99, 17001), (132, 17148), (134, 17160), (158, 17307), (159, 17310), (163, 17343), (176, 17433), (187, 17502), (196, 17577), (222, 17745), (360, 18003), (374, 18048), (405, 18156), (420, 18219), (429, 18261), (457, 18360), (462, 18381), (468, 18402), (475, 18423), (484, 18474), (486, 18486), (490, 18501), (508, 18582), (516, 18660),

Gene: Inyanga_23 Start: 16138, Stop: 18609, Start Num: 40

Candidate Starts for Inyanga_23:

(Start: 40 @16138 has 174 MA's), (45, 16177), (59, 16240), (Start: 65 @16270 has 23 MA's), (69, 16291), (74, 16312), (78, 16324), (105, 16342), (126, 16432), (159, 16630), (163, 16663), (173, 16729), (205, 16984), (210, 17005), (214, 17032), (248, 17191), (261, 17227), (289, 17320), (295, 17341), (315, 17398), (345, 17518), (352, 17554), (366, 17584), (375, 17620), (391, 17686), (395, 17707), (401, 17749), (420, 17848), (453, 17989), (465, 18010), (497, 18145), (520, 18322), (535, 18433), (542, 18499), (544, 18520), (548, 18559), (549, 18574),

Gene: Iqorha_23 Start: 16137, Stop: 18608, Start Num: 40

Candidate Starts for Iqorha_23:

(Start: 40 @16137 has 174 MA's), (45, 16176), (59, 16239), (Start: 65 @16269 has 23 MA's), (69, 16290), (74, 16311), (78, 16323), (105, 16341), (126, 16431), (159, 16629), (163, 16662), (173, 16728), (205, 16983), (210, 17004), (214, 17031), (248, 17190), (261, 17226), (289, 17319), (295, 17340), (315, 17397), (345, 17517), (352, 17553), (366, 17583), (375, 17619), (391, 17685), (395, 17706), (401, 17748), (420, 17847), (453, 17988), (465, 18009), (497, 18144), (520, 18321), (535, 18432), (542, 18498), (544, 18519), (548, 18558), (549, 18573),

Gene: Iracema64_26 Start: 16196, Stop: 18796, Start Num: 39

Candidate Starts for Iracema64_26:

(Start: 39 @16196 has 116 MA's), (Start: 65 @16337 has 23 MA's), (Start: 68 @16355 has 1 MA's), (98, 16511), (108, 16562), (124, 16631), (147, 16748), (152, 16775), (159, 16838), (174, 16946), (181, 16988), (191, 17072), (233, 17339), (245, 17390), (261, 17435), (285, 17513), (302, 17546), (305, 17552), (334, 17666), (346, 17720), (357, 17765), (372, 17825), (385, 17885), (407, 17999), (436, 18164), (439, 18182), (481, 18308), (521, 18560), (523, 18563), (525, 18572), (535, 18632), (546, 18728), (550, 18776),

Gene: IronMan_28 Start: 18329, Stop: 20707, Start Num: 62

Candidate Starts for IronMan_28:

(Start: 58 @18311 has 6 MA's), (Start: 62 @18329 has 5 MA's), (67, 18362), (69, 18368), (89, 18464), (97, 18506), (111, 18569), (112, 18572), (123, 18614), (133, 18662), (135, 18668), (137, 18677), (143, 18716), (150, 18752), (152, 18761), (159, 18824), (163, 18857), (170, 18902), (173, 18923), (174, 18932), (190, 19037), (205, 19178), (239, 19346), (240, 19352), (244, 19373), (245, 19376), (264, 19424), (265, 19430), (320, 19610), (376, 19820), (387, 19856), (396, 19907), (408, 19967), (414, 20000), (416, 20012), (421, 20045), (422, 20048), (451, 20186), (461, 20198), (478, 20240), (492, 20288), (494, 20294), (527, 20504),

Gene: Isiphiwo_29 Start: 16726, Stop: 18930, Start Num: 53

Candidate Starts for Isiphiwo_29:

(Start: 53 @16726 has 49 MA's), (73, 16837), (74, 16843), (93, 16951), (99, 16993), (112, 17059), (134, 17152), (141, 17179), (159, 17302), (163, 17335), (176, 17425), (187, 17494), (222, 17737), (315, 17875), (360, 17995), (405, 18148), (420, 18211), (429, 18253), (457, 18352), (462, 18373), (468, 18394), (475, 18415), (484, 18466), (486, 18478), (490, 18493), (508, 18574), (516, 18652),

Gene: Iwokeuplikedis_27 Start: 16605, Stop: 18896, Start Num: 53

Candidate Starts for Iwokeuplikedis_27:

(46, 16563), (Start: 53 @16605 has 49 MA's), (Start: 58 @16623 has 6 MA's), (63, 16635), (76, 16656), (77, 16662), (93, 16758), (99, 16800), (111, 16863), (124, 16911), (128, 16932), (134, 16959), (152, 17046), (154, 17073), (159, 17109), (163, 17142), (167, 17166), (170, 17187), (172, 17196), (174, 17217), (178, 17241), (181, 17259), (207, 17457), (219, 17529), (221, 17535), (222, 17544), (232, 17592), (236, 17601), (264, 17667), (284, 17724), (351, 17913), (356, 17925), (367, 17958), (379, 18003), (393, 18054), (404, 18114), (405, 18120), (420, 18183), (457, 18324), (462, 18345), (468, 18366), (470, 18375), (475, 18387), (479, 18411), (493, 18474), (527, 18693),

Gene: JC27_26 Start: 17262, Stop: 19742, Start Num: 40

Candidate Starts for JC27_26:

(Start: 40 @17262 has 174 MA's), (45, 17301), (54, 17346), (59, 17364), (60, 17370), (Start: 65 @17394 has 23 MA's), (74, 17436), (143, 17643), (147, 17661), (159, 17751), (168, 17814), (173, 17850), (181, 17901), (243, 18285), (274, 18387), (286, 18426), (289, 18441), (291, 18453), (306, 18477), (366, 18705), (391, 18807), (395, 18828), (401, 18870), (420, 18969), (432, 19032), (489, 19251), (499, 19284), (535, 19566), (542, 19632), (544, 19653), (548, 19692), (549, 19707),

Gene: JSwag_28 Start: 15741, Stop: 18095, Start Num: 49

Candidate Starts for JSwag_28:

(Start: 47 @15732 has 1 MA's), (Start: 49 @15741 has 4 MA's), (Start: 82 @15909 has 17 MA's), (130, 16149), (132, 16155), (146, 16224), (154, 16281), (174, 16425), (181, 16467), (188, 16515), (189, 16518), (199, 16629), (202, 16647), (222, 16752), (232, 16800), (282, 16905), (307, 16965), (327, 17019), (335, 17055), (341, 17079), (344, 17088), (360, 17151), (366, 17172), (370, 17187), (377, 17211), (381, 17223), (395, 17277), (398, 17298), (403, 17328), (438, 17499), (440, 17520), (475, 17604), (528, 17907), (546, 18030), (547, 18042),

Gene: Jaan_29 Start: 18718, Stop: 21096, Start Num: 62

Candidate Starts for Jaan_29:

(Start: 58 @18700 has 6 MA's), (Start: 62 @18718 has 5 MA's), (67, 18751), (69, 18757), (89, 18853), (97, 18895), (133, 19051), (137, 19066), (142, 19096), (143, 19105), (150, 19141), (152, 19150), (159, 19213), (163, 19246), (170, 19291), (173, 19312), (174, 19321), (190, 19426), (205, 19567), (239, 19735), (240, 19741), (264, 19813), (312, 19981), (320, 19999), (358, 20155), (376, 20209), (387, 20245), (396, 20296), (408, 20356), (414, 20389), (416, 20401), (421, 20434), (422, 20437), (451, 20575), (461, 20587), (478, 20629), (489, 20665), (492, 20677), (494, 20683), (527, 20893),

Gene: Jabiru_22 Start: 15139, Stop: 17952, Start Num: 1

Candidate Starts for Jabiru_22:

(Start: 1 @15139 has 10 MA's), (3, 15328), (34, 15676), (51, 15811), (52, 15817), (94, 15910), (107, 15961), (113, 15997), (133, 16087), (145, 16153), (149, 16174), (159, 16249), (163, 16282), (172, 16336), (175, 16369), (176, 16372), (178, 16381), (191, 16480), (196, 16513), (212, 16642), (253, 16807), (273, 16840), (283, 16873), (322, 16954), (328, 16966), (335, 16999), (365, 17077), (370, 17086), (392, 17152), (396, 17161), (425, 17224), (430, 17266), (445, 17338), (459, 17365), (464, 17380), (473, 17407), (479, 17428), (498, 17515), (503, 17545), (511, 17608), (522, 17707), (525, 17719), (527, 17731), (528, 17740), (546, 17887),

Gene: JackSparrow_25 Start: 16702, Stop: 19182, Start Num: 40

Candidate Starts for JackSparrow_25:

(Start: 40 @16702 has 174 MA's), (45, 16741), (59, 16804), (Start: 65 @16834 has 23 MA's), (74, 16876), (143, 17083), (147, 17101), (159, 17191), (168, 17254), (172, 17278), (173, 17290), (181, 17341), (243, 17725), (274, 17827), (286, 17866), (291, 17893), (306, 17917), (336, 18046), (366, 18145), (391, 18247), (395, 18268), (397, 18280), (401, 18310), (420, 18409), (432, 18472), (489, 18691), (499, 18724), (520, 18895), (535, 19006), (542, 19072), (544, 19093), (548, 19132), (550, 19162),

Gene: Jasper_25 Start: 16203, Stop: 18683, Start Num: 40

Candidate Starts for Jasper_25:

(Start: 40 @16203 has 174 MA's), (45, 16242), (59, 16305), (Start: 65 @16335 has 23 MA's), (74, 16377), (143, 16584), (147, 16602), (159, 16692), (168, 16755), (172, 16779), (173, 16791), (181, 16842), (243, 17226), (274, 17328), (286, 17367), (291, 17394), (306, 17418), (336, 17547), (366, 17646), (391, 17748), (395, 17769), (397, 17781), (401, 17811), (419, 17907), (420, 17910), (432, 17973), (489, 18192), (499, 18225), (535, 18507), (544, 18594), (548, 18633),

Gene: Jaykayelowell_25 Start: 15881, Stop: 18481, Start Num: 39

Candidate Starts for Jaykayelowell_25:

(Start: 39 @15881 has 116 MA's), (Start: 65 @16022 has 23 MA's), (Start: 68 @16040 has 1 MA's), (108, 16247), (118, 16286), (124, 16316), (147, 16433), (152, 16460), (159, 16523), (168, 16586), (174, 16631), (181, 16673), (191, 16757), (233, 17024), (245, 17075), (261, 17120), (285, 17198), (302, 17231), (305, 17237), (331, 17333), (332, 17342), (346, 17405), (350, 17426), (358, 17453), (372, 17510), (373, 17516), (385, 17570), (395, 17618), (407, 17684), (436, 17849), (439, 17867), (481, 17993), (521, 18245), (523, 18248), (525, 18257), (535, 18317), (546, 18413), (550, 18461),

Gene: Jeeves_25 Start: 15770, Stop: 18166, Start Num: 62

Candidate Starts for Jeeves_25:

(Start: 56 @15749 has 1 MA's), (Start: 62 @15770 has 5 MA's), (89, 15905), (97, 15947), (105, 15989), (108, 16001), (133, 16115), (143, 16169), (152, 16214), (159, 16277), (163, 16310), (177, 16406), (205, 16631), (237, 16790), (245, 16829), (250, 16844), (264, 16883), (320, 17069), (387, 17315), (396, 17366), (408, 17426), (414, 17459), (416, 17471), (421, 17504), (443, 17627), (451, 17645), (461, 17657), (469, 17681), (489, 17735), (492, 17747), (512, 17852), (517, 17894), (527, 17963), (538, 18038), (547, 18104), (550, 18140),

Gene: Jeffabunny_29 Start: 16741, Stop: 18957, Start Num: 53

Candidate Starts for Jeffabunny_29:

(46, 16696), (Start: 53 @16741 has 49 MA's), (73, 16852), (99, 17008), (132, 17155), (134, 17167), (158, 17314), (159, 17317), (163, 17350), (176, 17440), (187, 17509), (196, 17584), (222, 17752), (360, 18010), (374, 18055), (405, 18163), (420, 18226), (429, 18268), (457, 18367), (462, 18388), (475, 18430), (484, 18481), (490, 18508), (508, 18589), (516, 18679),

Gene: Jerm2_25 Start: 16571, Stop: 19051, Start Num: 40

Candidate Starts for Jerm2_25:

(Start: 40 @16571 has 174 MA's), (45, 16610), (59, 16673), (Start: 65 @16703 has 23 MA's), (74, 16745), (143, 16952), (147, 16970), (159, 17060), (168, 17123), (172, 17147), (173, 17159), (181, 17210), (243, 17594), (274, 17696), (286, 17735), (289, 17750), (291, 17762), (306, 17786), (336, 17915), (366, 18014), (391, 18116), (395, 18137), (401, 18179), (420, 18278), (432, 18341), (458, 18431), (489, 18560), (499, 18593), (535, 18875), (542, 18941), (544, 18962), (548, 19001), (549, 19016),

Gene: JetBlade_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for JetBlade_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (334, 17352), (346, 17406), (357, 17451), (372, 17511), (376, 17529), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: JewelBug_29 Start: 16740, Stop: 18944, Start Num: 53

Candidate Starts for JewelBug_29:

(32, 16581), (46, 16695), (Start: 53 @16740 has 49 MA's), (73, 16851), (74, 16857), (93, 16965), (99, 17007), (112, 17073), (134, 17166), (141, 17193), (159, 17316), (163, 17349), (176, 17439), (187, 17508), (222, 17751), (315, 17889), (360, 18009), (405, 18162), (420, 18225), (429, 18267), (457, 18366), (462, 18387), (468, 18408), (475, 18429), (484, 18480), (486, 18492), (490, 18507), (508, 18588), (516, 18666),

Gene: JoongJeon_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for JoongJeon_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Jordennis_29 Start: 16725, Stop: 18929, Start Num: 53

Candidate Starts for Jordennis_29:

(32, 16566), (46, 16680), (Start: 53 @16725 has 49 MA's), (73, 16836), (93, 16950), (99, 16992), (127, 17115), (134, 17151), (141, 17178), (159, 17301), (163, 17334), (176, 17424), (187, 17493), (222, 17736), (315, 17874), (360, 17994), (405, 18147), (420, 18210), (429, 18252), (457, 18351), (462, 18372), (468, 18393), (475, 18414), (484, 18465), (486, 18477), (490, 18492), (508, 18573), (516, 18651),

Gene: JuliaChild_26 Start: 16832, Stop: 19303, Start Num: 40

Candidate Starts for JuliaChild_26:

(Start: 40 @16832 has 174 MA's), (45, 16871), (59, 16934), (Start: 65 @16964 has 23 MA's), (69, 16985), (74, 17006), (78, 17018), (105, 17036), (126, 17126), (159, 17324), (163, 17357), (173, 17423), (205, 17678), (210, 17699), (214, 17726), (248, 17885), (261, 17921), (289, 18014), (295, 18035), (315, 18092), (345, 18212), (352, 18248), (366, 18278), (375, 18314), (391, 18380), (395, 18401), (420, 18542), (453, 18683), (465, 18704), (497, 18839), (520, 19016), (535, 19127), (542, 19193), (544, 19214), (548, 19253), (549, 19268),

Gene: KBG_25 Start: 17265, Stop: 19736, Start Num: 40

Candidate Starts for KBG_25:

(Start: 40 @17265 has 174 MA's), (45, 17304), (59, 17367), (Start: 65 @17397 has 23 MA's), (69, 17418), (74, 17439), (105, 17469), (110, 17493), (126, 17559), (159, 17757), (163, 17790), (173, 17856), (205, 18111), (210, 18132), (214, 18159), (248, 18318), (261, 18354), (289, 18447), (295, 18468), (306, 18483), (310, 18504), (311, 18507), (330, 18576), (336, 18612), (345, 18645), (352, 18681), (366, 18711), (375, 18747), (391, 18813), (395, 18834), (420, 18975), (453, 19116), (465, 19137), (497, 19272), (520, 19449), (535, 19560), (542, 19626), (544, 19647), (548, 19686), (549, 19701),

Gene: KFPoly_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for KFPoly_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: KSSJEB_24 Start: 16162, Stop: 18630, Start Num: 40

Candidate Starts for KSSJEB_24:

(Start: 40 @16162 has 174 MA's), (44, 16177), (Start: 65 @16291 has 23 MA's), (69, 16312), (74, 16333), (105, 16363), (110, 16387), (114, 16408), (126, 16453), (159, 16651), (163, 16684), (173, 16750), (205, 17005), (210, 17026), (214, 17053), (248, 17212), (261, 17248), (289, 17341), (295, 17362), (306, 17377), (310, 17398), (311, 17401), (330, 17470), (336, 17506), (345, 17539), (352, 17575), (366, 17605), (375, 17641), (391, 17707), (395, 17728), (401, 17770), (420, 17869), (453, 18010), (465, 18031), (497, 18166), (520, 18343), (535, 18454), (544, 18541), (548, 18580), (550, 18610),

Gene: Kamy_25 Start: 15883, Stop: 18483, Start Num: 39

Candidate Starts for Kamy_25:

(Start: 39 @15883 has 116 MA's), (Start: 65 @16024 has 23 MA's), (Start: 68 @16042 has 1 MA's), (108, 16249), (118, 16288), (124, 16318), (147, 16435), (152, 16462), (159, 16525), (168, 16588), (174, 16633), (181, 16675), (191, 16759), (233, 17026), (245, 17077), (261, 17122), (285, 17200), (305, 17239), (308, 17260), (346, 17407), (350, 17428), (357, 17452), (373, 17518), (385, 17572), (395, 17620), (407, 17686), (436, 17851), (439, 17869), (481, 17995), (521, 18247), (523, 18250), (525, 18259), (535, 18319), (546, 18415), (550, 18463),

Gene: Kanel_25 Start: 16938, Stop: 19418, Start Num: 40

Candidate Starts for Kanel_25:

(Start: 40 @16938 has 174 MA's), (45, 16977), (59, 17040), (60, 17046), (Start: 65 @17070 has 23 MA's), (74, 17112), (143, 17319), (147, 17337), (159, 17427), (168, 17490), (172, 17514), (173, 17526), (181, 17577), (243, 17961), (274, 18063), (286, 18102), (291, 18129), (306, 18153), (336, 18282), (366, 18381), (391, 18483), (395, 18504), (397, 18516), (401, 18546), (420, 18645), (432, 18708), (489, 18927), (499, 18960), (535, 19242), (542, 19308), (544, 19329), (548, 19368), (549, 19383),

Gene: Katalie136_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Katalie136_25:

(Start: 39 @15885 has 116 MA's), (98, 16200), (102, 16227), (112, 16275), (127, 16332), (147, 16437), (149, 16452), (152, 16464), (159, 16527), (174, 16635), (177, 16656), (181, 16677), (245, 17079), (260, 17121), (261, 17124), (302, 17235), (305, 17241), (338, 17373), (346, 17409), (358, 17457), (385, 17574), (407, 17688), (436, 17853), (439, 17871), (479, 17985), (481, 17997), (505, 18087), (514, 18180), (523, 18252), (525, 18261), (535, 18321), (536, 18330), (546, 18417), (550, 18465),

Gene: KatherineG_28 Start: 16045, Stop: 18231, Start Num: 82

Candidate Starts for KatherineG_28:

(Start: 47 @15868 has 1 MA's), (Start: 49 @15877 has 4 MA's), (Start: 82 @16045 has 17 MA's), (130, 16285), (132, 16291), (146, 16360), (154, 16417), (173, 16552), (174, 16561), (181, 16603), (188, 16651), (189, 16654), (199, 16765), (202, 16783), (222, 16888), (232, 16936), (282, 17041), (307, 17101), (327, 17155), (335, 17191), (341, 17215), (344, 17224), (360, 17287), (366, 17308), (370, 17323), (377, 17347), (381, 17359), (395, 17413), (398, 17434), (403, 17464), (438, 17635), (440, 17656), (475, 17740), (528, 18043), (546, 18166), (547, 18178),

Gene: Kazan_29 Start: 16741, Stop: 18945, Start Num: 53

Candidate Starts for Kazan_29:

(32, 16582), (46, 16696), (Start: 53 @16741 has 49 MA's), (73, 16852), (74, 16858), (93, 16966), (99, 17008), (112, 17074), (134, 17167), (141, 17194), (159, 17317), (163, 17350), (176, 17440), (187, 17509), (222, 17752), (315, 17890), (360, 18010), (405, 18163), (420, 18226), (429, 18268), (457, 18367), (462, 18388), (468, 18409), (475, 18430), (484, 18481), (486, 18493), (490, 18508), (508, 18589), (516, 18667),

Gene: KekoraPapaka_24 Start: 16044, Stop: 18485, Start Num: 68

Candidate Starts for KekoraPapaka_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (334, 17355), (346, 17409), (357, 17454), (372, 17514), (376, 17532), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Kenmech_27 Start: 17747, Stop: 20146, Start Num: 40

Candidate Starts for Kenmech_27:

(Start: 40 @17747 has 174 MA's), (45, 17786), (59, 17849), (Start: 65 @17879 has 23 MA's), (69, 17900), (74, 17921), (78, 17933), (83, 17951), (114, 17996), (126, 18041), (159, 18239), (163, 18272), (173, 18338), (209, 18593), (213, 18614), (218, 18641), (225, 18680), (243, 18737), (259, 18767), (317, 18929), (361, 19082), (366, 19094), (370, 19109), (394, 19226), (401, 19271), (406, 19292), (407, 19295), (432, 19445), (436, 19460), (453, 19526), (471, 19568), (511, 19778), (520, 19859), (535, 19970), (544, 20057), (548, 20096), (549, 20111),

Gene: KikiBouba_25 Start: 17235, Stop: 19667, Start Num: 45

Candidate Starts for KikiBouba_25:

(Start: 40 @17196 has 174 MA's), (45, 17235), (59, 17298), (Start: 65 @17328 has 23 MA's), (69, 17349), (74, 17370), (78, 17382), (105, 17400), (110, 17424), (126, 17490), (159, 17688), (163, 17721), (173, 17787), (205, 18042), (210, 18063), (214, 18090), (232, 18186), (240, 18216), (248, 18249), (261, 18285), (289, 18378), (295, 18399), (315, 18456), (345, 18576), (352, 18612), (366, 18642), (375, 18678), (391, 18744), (395, 18765), (401, 18807), (420, 18906), (453, 19047), (465, 19068), (497, 19203), (535, 19491), (544, 19578), (548, 19617),

Gene: Killigrew_22 Start: 15859, Stop: 18330, Start Num: 43

Candidate Starts for Killigrew_22:

(Start: 43 @15859 has 1 MA's), (44, 15874), (Start: 65 @15988 has 23 MA's), (74, 16030), (143, 16231), (147, 16249), (159, 16339), (168, 16402), (172, 16426), (173, 16438), (181, 16489), (197, 16615), (243, 16873), (274, 16975), (286, 17014), (289, 17029), (291, 17041), (306, 17065), (325, 17140), (366, 17293), (391, 17395), (395, 17416), (401, 17458), (419, 17554), (420, 17557), (432, 17620), (489, 17839), (499, 17872), (535, 18154), (542, 18220), (544, 18241), (548, 18280), (550, 18310),

Gene: Kingmustik0402_25 Start: 15877, Stop: 18477, Start Num: 39

Candidate Starts for Kingmustik0402_25:

(Start: 39 @15877 has 116 MA's), (Start: 65 @16018 has 23 MA's), (Start: 68 @16036 has 1 MA's), (108, 16243), (118, 16282), (124, 16312), (141, 16396), (147, 16429), (152, 16456), (159, 16519), (168, 16582), (174, 16627), (181, 16669), (191, 16753), (233, 17020), (245, 17071), (261, 17116), (285, 17194), (305, 17233), (346, 17401), (350, 17422), (357, 17446), (373, 17512), (385, 17566), (395, 17614), (407, 17680), (436, 17845), (439, 17863), (481, 17989), (521, 18241), (523, 18244), (525, 18253), (535, 18313), (546, 18409), (550, 18457),

Gene: Kinmap_26 Start: 16407, Stop: 18590, Start Num: 53

Candidate Starts for Kinmap_26:

(Start: 53 @16407 has 49 MA's), (Start: 58 @16425 has 6 MA's), (93, 16560), (127, 16725), (130, 16743), (159, 16911), (163, 16944), (172, 16998), (173, 17010), (176, 17034), (191, 17145), (223, 17328), (294, 17502), (308, 17520), (336, 17583), (390, 17760), (403, 17826), (405, 17835), (420, 17898), (440, 18012), (442, 18015), (457, 18039), (462, 18060), (470, 18090), (475, 18102), (523, 18369), (527, 18390), (535, 18435), (546, 18519),

Gene: Kipper29_29 Start: 16735, Stop: 18939, Start Num: 53

Candidate Starts for Kipper29_29:

(32, 16576), (46, 16690), (Start: 53 @16735 has 49 MA's), (73, 16846), (74, 16852), (93, 16960), (99, 17002), (112, 17068), (134, 17161), (141, 17188), (159, 17311), (163, 17344), (176, 17434), (187, 17503), (222, 17746), (315, 17884), (360, 18004), (405, 18157), (420, 18220), (429, 18262), (457, 18361), (462, 18382), (468, 18403), (475, 18424), (484, 18475), (486, 18487), (490, 18502), (508, 18583), (516, 18661),

Gene: KittenMittens_24 Start: 13965, Stop: 16520, Start Num: 92

Candidate Starts for KittenMittens_24:

(Start: 57 @13788 has 8 MA's), (Start: 92 @13965 has 9 MA's), (108, 14040), (110, 14052), (145, 14214), (149, 14235), (152, 14247), (155, 14277), (159, 14310), (165, 14355), (168, 14373), (170, 14388), (172, 14397), (174, 14418), (190, 14523), (195, 14565), (217, 14730), (252, 14892), (257, 14919), (285, 15096), (289, 15141), (297, 15216), (304, 15264), (305, 15267), (308, 15288), (309, 15291), (321, 15336), (339, 15411), (340, 15414), (345, 15435), (349, 15459), (367, 15525), (373, 15555), (376, 15567), (389, 15621), (394, 15654), (397, 15669), (407, 15723), (420, 15798), (434, 15876), (436, 15888), (439, 15906), (449, 15945), (458, 15957), (462, 15969), (478, 16011), (479, 16023), (481, 16035), (485, 16050), (491, 16071), (495, 16083), (525, 16296), (535, 16356), (541, 16401), (546, 16452), (550, 16500),

Gene: Koan_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Koan_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (141, 16404), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (331, 17337), (332, 17346), (346, 17409), (350, 17430), (358, 17457), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Koreni_24 Start: 15531, Stop: 18131, Start Num: 39

Candidate Starts for Koreni_24:

(Start: 39 @15531 has 116 MA's), (Start: 65 @15672 has 23 MA's), (Start: 68 @15690 has 1 MA's), (108, 15897), (118, 15936), (124, 15966), (147, 16083), (152, 16110), (159, 16173), (168, 16236), (174, 16281), (181, 16323), (191, 16407), (233, 16674), (245, 16725), (261, 16770), (285, 16848), (302, 16881), (305, 16887), (331, 16983), (332, 16992), (346, 17055), (350, 17076), (357, 17100), (373, 17166), (385, 17220), (395, 17268), (407, 17334), (436, 17499), (439, 17517), (481, 17643), (521, 17895), (523, 17898), (525, 17907), (535, 17967), (546, 18063), (550, 18111),

Gene: Kratak_25 Start: 15880, Stop: 18480, Start Num: 39

Candidate Starts for Kratak_25:

(Start: 39 @15880 has 116 MA's), (Start: 65 @16021 has 23 MA's), (Start: 68 @16039 has 1 MA's), (108, 16246), (118, 16285), (124, 16315), (152, 16459), (159, 16522), (168, 16585), (174, 16630), (181, 16672), (191, 16756), (233, 17023), (245, 17074), (261, 17119), (285, 17197), (302, 17230), (305, 17236), (334, 17350), (346, 17404), (357, 17449), (372, 17509), (385, 17569), (407, 17683), (436, 17848), (439, 17866), (481, 17992), (521, 18244), (523, 18247), (525, 18256), (535, 18316), (546, 18412), (550, 18460),

Gene: Kremtemulon_25 Start: 15933, Stop: 18533, Start Num: 39

Candidate Starts for Kremtemulon_25:

(Start: 39 @15933 has 116 MA's), (Start: 65 @16074 has 23 MA's), (Start: 68 @16092 has 1 MA's), (108, 16299), (118, 16338), (124, 16368), (147, 16485), (152, 16512), (159, 16575), (168, 16638), (174, 16683), (181, 16725), (191, 16809), (233, 17076), (245, 17127), (261, 17172), (285, 17250), (305, 17289), (308, 17310), (331, 17385), (332, 17394), (346, 17457), (350, 17478), (358, 17505), (372, 17562), (373, 17568), (385, 17622), (395, 17670), (407, 17736), (436, 17901), (439, 17919),

(481, 18045), (521, 18297), (523, 18300), (525, 18309), (535, 18369), (546, 18465), (550, 18513),

Gene: Kristoff_26 Start: 15879, Stop: 18620, Start Num: 57

Candidate Starts for Kristoff_26:

(Start: 57 @15879 has 8 MA's), (Start: 92 @16056 has 9 MA's), (96, 16077), (109, 16134), (119, 16182), (124, 16209), (132, 16248), (139, 16278), (145, 16320), (152, 16353), (153, 16362), (158, 16413), (159, 16416), (168, 16479), (170, 16494), (173, 16515), (174, 16524), (190, 16629), (195, 16671), (257, 17025), (285, 17193), (297, 17313), (302, 17358), (304, 17361), (305, 17364), (308, 17385), (309, 17388), (321, 17433), (346, 17541), (350, 17562), (354, 17574), (367, 17622), (375, 17655), (389, 17718), (401, 17796), (407, 17820), (420, 17895), (430, 17961), (436, 17985), (439, 18003), (462, 18069), (472, 18099), (479, 18123), (481, 18135), (485, 18150), (491, 18171), (495, 18183), (525, 18396), (532, 18432), (534, 18453), (535, 18456), (546, 18552), (550, 18600),

Gene: Kugel_25 Start: 16511, Stop: 18991, Start Num: 40

Candidate Starts for Kugel_25:

(Start: 40 @16511 has 174 MA's), (45, 16550), (59, 16613), (Start: 65 @16643 has 23 MA's), (74, 16685), (143, 16892), (147, 16910), (159, 17000), (168, 17063), (172, 17087), (173, 17099), (181, 17150), (243, 17534), (274, 17636), (286, 17675), (291, 17702), (306, 17726), (336, 17855), (366, 17954), (391, 18056), (395, 18077), (397, 18089), (401, 18119), (420, 18218), (432, 18281), (489, 18500), (499, 18533), (535, 18815), (544, 18902), (548, 18941), (549, 18956),

Gene: KyMonks1A_26 Start: 16677, Stop: 19157, Start Num: 40

Candidate Starts for KyMonks1A_26:

(Start: 40 @16677 has 174 MA's), (45, 16716), (59, 16779), (Start: 65 @16809 has 23 MA's), (74, 16851), (143, 17058), (147, 17076), (159, 17166), (168, 17229), (172, 17253), (173, 17265), (181, 17316), (243, 17700), (274, 17802), (286, 17841), (291, 17868), (306, 17892), (336, 18021), (366, 18120), (391, 18222), (395, 18243), (397, 18255), (401, 18285), (420, 18384), (432, 18447), (489, 18666), (499, 18699), (535, 18981), (544, 19068), (548, 19107), (549, 19122),

Gene: Kyee_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for Kyee_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's), (108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591), (174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203), (305, 17242), (334, 17356), (346, 17410), (357, 17455), (372, 17515), (376, 17533), (385, 17575), (395, 17623), (407, 17689), (436, 17854), (439, 17872), (481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: LHTSCC_26 Start: 16337, Stop: 18796, Start Num: 65

Candidate Starts for LHTSCC_26:

(Start: 39 @16196 has 116 MA's), (Start: 65 @16337 has 23 MA's), (Start: 68 @16355 has 1 MA's), (98, 16511), (108, 16562), (124, 16631), (147, 16748), (152, 16775), (159, 16838), (168, 16901), (174, 16946), (181, 16988), (191, 17072), (221, 17279), (233, 17339), (245, 17390), (261, 17435), (285, 17513), (302, 17546), (305, 17552), (346, 17720), (350, 17741), (357, 17765), (372, 17825), (373, 17831), (375, 17834), (385, 17885), (395, 17933), (407, 17999), (436, 18164), (439, 18182), (481, 18308), (521, 18560), (523, 18563), (525, 18572), (534, 18629), (535, 18632), (541, 18677), (546, 18728), (550, 18776),

Gene: Lamina13_24 Start: 15957, Stop: 18428, Start Num: 40

Candidate Starts for Lamina13_24:

(Start: 40 @15957 has 174 MA's), (45, 15996), (59, 16059), (60, 16065), (Start: 65 @16089 has 23 MA's), (69, 16110), (74, 16131), (105, 16161), (110, 16185), (126, 16251), (159, 16449), (163, 16482), (173, 16548), (205, 16803), (210, 16824), (214, 16851), (248, 17010), (261, 17046), (289, 17139),

(295, 17160), (315, 17217), (345, 17337), (352, 17373), (366, 17403), (375, 17439), (391, 17505), (395, 17526), (420, 17667), (453, 17808), (465, 17829), (497, 17964), (535, 18252), (544, 18339), (548, 18378), (550, 18408),

Gene: Landor_27 Start: 18370, Stop: 20748, Start Num: 62

Candidate Starts for Landor_27:

(Start: 58 @18352 has 6 MA's), (Start: 62 @18370 has 5 MA's), (67, 18403), (69, 18409), (89, 18505), (97, 18547), (111, 18610), (112, 18613), (133, 18703), (136, 18715), (137, 18718), (142, 18748), (143, 18757), (150, 18793), (152, 18802), (159, 18865), (163, 18898), (170, 18943), (173, 18964), (174, 18973), (190, 19078), (205, 19219), (239, 19387), (240, 19393), (264, 19465), (312, 19633), (320, 19651), (358, 19807), (376, 19861), (387, 19897), (396, 19948), (408, 20008), (414, 20041), (416, 20053), (421, 20086), (422, 20089), (451, 20227), (461, 20239), (478, 20281), (489, 20317), (492, 20329), (494, 20335), (527, 20545),

Gene: LappelDuVide_25 Start: 16023, Stop: 18482, Start Num: 65

Candidate Starts for LappelDuVide_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (308, 17259), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: LastResort_28 Start: 15923, Stop: 18112, Start Num: 82

Candidate Starts for LastResort_28:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16166), (132, 16172), (146, 16241), (154, 16298), (174, 16442), (181, 16484), (188, 16532), (189, 16535), (199, 16646), (202, 16664), (222, 16769), (232, 16817), (282, 16922), (307, 16982), (327, 17036), (335, 17072), (341, 17096), (344, 17105), (360, 17168), (366, 17189), (370, 17204), (377, 17228), (381, 17240), (395, 17294), (398, 17315), (403, 17345), (438, 17516), (440, 17537), (475, 17621), (528, 17924), (546, 18047), (547, 18059),

Gene: Lemur_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Lemur_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (141, 16401), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (373, 17517), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: LeoAvram_25 Start: 16041, Stop: 18482, Start Num: 68

Candidate Starts for LeoAvram_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Lesedi_23 Start: 16115, Stop: 18586, Start Num: 40

Candidate Starts for Lesedi_23:

(Start: 40 @16115 has 174 MA's), (45, 16154), (59, 16217), (Start: 65 @16247 has 23 MA's), (69, 16268), (74, 16289), (78, 16301), (105, 16319), (114, 16364), (126, 16409), (159, 16607), (163, 16640), (173, 16706), (205, 16961), (210, 16982), (214, 17009), (248, 17168), (261, 17204), (289, 17297), (295, 17318), (315, 17375), (345, 17495), (352, 17531), (366, 17561), (375, 17597), (391, 17663), (395, 17684), (420, 17825), (453, 17966), (465, 17987), (497, 18122), (520, 18299), (535, 18410), (544, 18497), (548, 18536), (549, 18551),

Gene: Levia_24 Start: 17126, Stop: 19597, Start Num: 40

Candidate Starts for Levia_24:

(Start: 40 @17126 has 174 MA's), (45, 17165), (59, 17228), (Start: 65 @17258 has 23 MA's), (69, 17279), (74, 17300), (105, 17330), (110, 17354), (126, 17420), (159, 17618), (163, 17651), (173, 17717), (205, 17972), (210, 17993), (214, 18020), (248, 18179), (261, 18215), (289, 18308), (295, 18329), (315, 18386), (345, 18506), (352, 18542), (366, 18572), (375, 18608), (391, 18674), (395, 18695), (420, 18836), (453, 18977), (465, 18998), (497, 19133), (520, 19310), (535, 19421), (542, 19487), (544, 19508), (548, 19547), (549, 19562),

Gene: Licorice_26 Start: 17366, Stop: 19837, Start Num: 40

Candidate Starts for Licorice_26:

(Start: 40 @17366 has 174 MA's), (45, 17405), (59, 17468), (Start: 65 @17498 has 23 MA's), (69, 17519), (74, 17540), (78, 17552), (105, 17570), (110, 17594), (126, 17660), (132, 17687), (159, 17858), (163, 17891), (173, 17957), (205, 18212), (210, 18233), (214, 18260), (221, 18299), (232, 18356), (240, 18386), (248, 18419), (261, 18455), (289, 18548), (295, 18569), (315, 18626), (345, 18746), (352, 18782), (366, 18812), (375, 18848), (391, 18914), (395, 18935), (401, 18977), (420, 19076), (453, 19217), (465, 19238), (511, 19469), (520, 19550), (535, 19661), (544, 19748), (548, 19787), (550, 19817),

Gene: Lilbunny_29 Start: 16715, Stop: 18931, Start Num: 53

Candidate Starts for Lilbunny_29:

(46, 16670), (Start: 53 @16715 has 49 MA's), (73, 16826), (99, 16982), (132, 17129), (134, 17141), (158, 17288), (159, 17291), (163, 17324), (176, 17414), (187, 17483), (196, 17558), (222, 17726), (360, 17984), (374, 18029), (405, 18137), (420, 18200), (429, 18242), (457, 18341), (462, 18362), (475, 18404), (484, 18455), (490, 18482), (508, 18563), (516, 18653),

Gene: LittleB_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for LittleB_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (358, 17457), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: LittleGuy_25 Start: 15828, Stop: 18428, Start Num: 39

Candidate Starts for LittleGuy_25:

(Start: 39 @15828 has 116 MA's), (Start: 65 @15969 has 23 MA's), (Start: 68 @15987 has 1 MA's), (108, 16194), (118, 16233), (124, 16263), (147, 16380), (152, 16407), (159, 16470), (168, 16533), (173, 16569), (174, 16578), (181, 16620), (221, 16911), (233, 16971), (245, 17022), (261, 17067), (302, 17178), (305, 17184), (308, 17205), (346, 17352), (350, 17373), (357, 17397), (372, 17457), (373, 17463), (375, 17466), (385, 17517), (395, 17565), (407, 17631), (436, 17796), (439, 17814), (481, 17940), (521, 18192), (523, 18195), (525, 18204), (535, 18264), (541, 18309), (546, 18360), (550, 18408),

Gene: LochMonster_25 Start: 16001, Stop: 18460, Start Num: 65

Candidate Starts for LochMonster_25:

(Start: 39 @15860 has 116 MA's), (Start: 65 @16001 has 23 MA's), (Start: 68 @16019 has 1 MA's), (98, 16175), (108, 16226), (118, 16265), (124, 16295), (147, 16412), (152, 16439), (159, 16502), (168, 16565), (174, 16610), (181, 16652), (191, 16736), (233, 17003), (245, 17054), (261, 17099), (285, 17177), (302, 17210), (305, 17216), (334, 17330), (346, 17384), (357, 17429), (372, 17489), (385, 17549), (407, 17663), (436, 17828), (439, 17846), (481, 17972), (521, 18224), (523, 18227), (525, 18236), (534, 18293), (535, 18296), (541, 18341), (546, 18392), (550, 18440),

Gene: Lockley_24 Start: 16291, Stop: 18771, Start Num: 40

Candidate Starts for Lockley_24:

(Start: 40 @16291 has 174 MA's), (45, 16330), (59, 16393), (Start: 65 @16423 has 23 MA's), (74, 16465), (143, 16672), (147, 16690), (159, 16780), (168, 16843), (172, 16867), (173, 16879), (181, 16930), (243, 17314), (274, 17416), (286, 17455), (291, 17482), (306, 17506), (336, 17635), (366, 17734), (391, 17836), (395, 17857), (401, 17899), (420, 17998), (432, 18061), (489, 18280), (499, 18313), (520, 18484), (535, 18595), (544, 18682), (548, 18721), (549, 18736),

Gene: Looper_29 Start: 15923, Stop: 18109, Start Num: 82

Candidate Starts for Looper_29:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16163), (132, 16169), (146, 16238), (154, 16295), (174, 16439), (181, 16481), (188, 16529), (189, 16532), (199, 16643), (202, 16661), (222, 16766), (232, 16814), (282, 16919), (307, 16979), (327, 17033), (335, 17069), (341, 17093), (344, 17102), (360, 17165), (366, 17186), (370, 17201), (377, 17225), (381, 17237), (395, 17291), (398, 17312), (403, 17342), (438, 17513), (440, 17534), (475, 17618), (528, 17921), (546, 18044), (547, 18056),

Gene: Lopton_25 Start: 17715, Stop: 20195, Start Num: 40

Candidate Starts for Lopton_25:

(Start: 40 @17715 has 174 MA's), (45, 17754), (59, 17817), (Start: 65 @17847 has 23 MA's), (74, 17889), (143, 18096), (147, 18114), (159, 18204), (168, 18267), (172, 18291), (173, 18303), (181, 18354), (243, 18738), (274, 18840), (286, 18879), (289, 18894), (291, 18906), (306, 18930), (336, 19059), (366, 19158), (391, 19260), (395, 19281), (401, 19323), (420, 19422), (432, 19485), (458, 19575), (489, 19704), (499, 19737), (535, 20019), (542, 20085), (544, 20106), (548, 20145), (549, 20160),

Gene: Lorenzo_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Lorenzo_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Luchador_27 Start: 16953, Stop: 19361, Start Num: 58

Candidate Starts for Luchador_27:

(Start: 58 @16953 has 6 MA's), (Start: 62 @16971 has 5 MA's), (67, 17004), (89, 17106), (97, 17148), (105, 17190), (108, 17202), (133, 17316), (143, 17370), (152, 17415), (159, 17478), (163, 17511), (173, 17577), (177, 17607), (205, 17832), (245, 18030), (250, 18045), (264, 18078), (320, 18264), (358, 18420), (396, 18561), (408, 18621), (414, 18654), (416, 18666), (421, 18699), (423, 18708), (443, 18822), (451, 18840), (461, 18852), (469, 18876), (489, 18930), (492, 18942), (512, 19047), (527, 19158), (538, 19233), (547, 19299), (550, 19335),

Gene: Lunsford_26 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Lunsford_26:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (373, 17517), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: MPlant7149_23 Start: 15925, Stop: 18405, Start Num: 40

Candidate Starts for MPlant7149_23:

(Start: 40 @15925 has 174 MA's), (45, 15964), (59, 16027), (Start: 65 @16057 has 23 MA's), (74, 16099), (143, 16306), (147, 16324), (159, 16414), (168, 16477), (172, 16501), (173, 16513), (181, 16564), (243, 16948), (274, 17050), (286, 17089), (289, 17104), (291, 17116), (306, 17140), (336, 17269), (366, 17368), (391, 17470), (395, 17491), (401, 17533), (420, 17632), (432, 17695), (458, 17785), (489, 17914), (499, 17947), (535, 18229), (542, 18295), (544, 18316), (548, 18355), (549, 18370),

Gene: Magnar_24 Start: 16072, Stop: 18555, Start Num: 40

Candidate Starts for Magnar_24:

(Start: 40 @16072 has 174 MA's), (45, 16111), (59, 16174), (Start: 65 @16204 has 23 MA's), (74, 16246), (143, 16453), (147, 16471), (159, 16561), (168, 16624), (172, 16648), (173, 16660), (181, 16711), (243, 17095), (274, 17197), (286, 17236), (291, 17263), (306, 17287), (361, 17491), (366, 17503), (370, 17518), (394, 17635), (401, 17680), (406, 17701), (407, 17704), (436, 17869), (453, 17935), (471, 17977), (511, 18187), (520, 18268), (535, 18379), (542, 18445), (544, 18466), (548, 18505), (549, 18520),

Gene: Magnito_23 Start: 15836, Stop: 18307, Start Num: 40

Candidate Starts for Magnito_23:

(Start: 40 @15836 has 174 MA's), (45, 15875), (59, 15938), (Start: 65 @15968 has 23 MA's), (69, 15989), (74, 16010), (78, 16022), (105, 16040), (126, 16130), (159, 16328), (163, 16361), (173, 16427), (205, 16682), (210, 16703), (214, 16730), (248, 16889), (261, 16925), (289, 17018), (295, 17039), (315, 17096), (345, 17216), (352, 17252), (366, 17282), (375, 17318), (391, 17384), (395, 17405), (420, 17546), (453, 17687), (465, 17708), (511, 17939), (520, 18020), (535, 18131), (544, 18218), (548, 18257), (550, 18287),

Gene: Makemake_24 Start: 17552, Stop: 20023, Start Num: 40

Candidate Starts for Makemake_24:

(Start: 40 @17552 has 174 MA's), (45, 17591), (59, 17654), (Start: 65 @17684 has 23 MA's), (69, 17705), (74, 17726), (105, 17756), (110, 17780), (126, 17846), (159, 18044), (163, 18077), (173, 18143), (205, 18398), (210, 18419), (214, 18446), (232, 18542), (240, 18572), (289, 18734), (295, 18755), (315, 18812), (345, 18932), (352, 18968), (366, 18998), (375, 19034), (391, 19100), (395, 19121), (401, 19163), (420, 19262), (453, 19403), (465, 19424), (497, 19559), (520, 19736), (535, 19847), (542, 19913), (544, 19934), (548, 19973), (549, 19988),

Gene: Manatee_25 Start: 16575, Stop: 18575, Start Num: 40

Candidate Starts for Manatee_25:

(Start: 40 @16575 has 174 MA's), (45, 16614), (59, 16677), (Start: 65 @16707 has 23 MA's), (69, 16728), (106, 16788), (128, 16884), (143, 16953), (145, 16965), (159, 17061), (163, 17094), (196, 17328), (249, 17616), (289, 17718), (293, 17730), (328, 17808), (337, 17850), (361, 17904), (366, 17916), (370, 17931), (373, 17949), (376, 17961), (397, 18039), (401, 18069), (420, 18165), (477, 18375), (509, 18525),

Gene: Marcell_24 Start: 16585, Stop: 19065, Start Num: 40

Candidate Starts for Marcell_24:

(Start: 40 @16585 has 174 MA's), (45, 16624), (59, 16687), (Start: 65 @16717 has 23 MA's), (74, 16759), (143, 16966), (147, 16984), (159, 17074), (168, 17137), (172, 17161), (173, 17173), (181, 17224), (243, 17608), (274, 17710), (286, 17749), (291, 17776), (306, 17800), (366, 18028), (391, 18130), (395, 18151), (401, 18193), (420, 18292), (432, 18355), (489, 18574), (499, 18607), (520, 18778), (535, 18889), (544, 18976), (548, 19015), (549, 19030),

Gene: Marchy_23 Start: 15902, Stop: 18370, Start Num: 40

Candidate Starts for Marchy_23:

(Start: 40 @15902 has 174 MA's), (44, 15917), (Start: 65 @16031 has 23 MA's), (69, 16052), (74, 16073), (105, 16103), (126, 16193), (159, 16391), (163, 16424), (173, 16490), (205, 16745), (210, 16766), (214, 16793), (248, 16952), (261, 16988), (289, 17081), (295, 17102), (306, 17117), (310, 17138), (311, 17141), (330, 17210), (336, 17246), (345, 17279), (352, 17315), (366, 17345), (375, 17381), (391, 17447), (395, 17468), (420, 17609), (453, 17750), (465, 17771), (497, 17906), (520, 18083), (535, 18194), (542, 18260), (544, 18281), (548, 18320), (550, 18350),

Gene: Marco3_24 Start: 16566, Stop: 18965, Start Num: 40

Candidate Starts for Marco3_24:

(Start: 40 @16566 has 174 MA's), (45, 16605), (59, 16668), (Start: 65 @16698 has 23 MA's), (69, 16719), (74, 16740), (78, 16752), (83, 16770), (126, 16860), (159, 17058), (163, 17091), (173, 17157), (209, 17412), (213, 17433), (218, 17460), (225, 17499), (243, 17556), (259, 17586), (317, 17748), (361, 17901), (366, 17913), (370, 17928), (394, 18045), (401, 18090), (406, 18111), (407, 18114), (432, 18264), (436, 18279), (453, 18345), (471, 18387), (511, 18597), (520, 18678), (535, 18789), (544, 18876), (548, 18915), (550, 18945),

Gene: Maroc7_23 Start: 16098, Stop: 18569, Start Num: 40

Candidate Starts for Maroc7_23:

(Start: 40 @16098 has 174 MA's), (45, 16137), (59, 16200), (Start: 65 @16230 has 23 MA's), (69, 16251), (74, 16272), (78, 16284), (105, 16302), (126, 16392), (159, 16590), (163, 16623), (173, 16689), (205, 16944), (210, 16965), (214, 16992), (248, 17151), (261, 17187), (289, 17280), (295, 17301), (315, 17358), (345, 17478), (352, 17514), (366, 17544), (375, 17580), (391, 17646), (395, 17667), (420, 17808), (453, 17949), (465, 17970), (497, 18105), (520, 18282), (535, 18393), (544, 18480), (548, 18519), (550, 18549),

Gene: MaryBeth_24 Start: 16506, Stop: 18977, Start Num: 40

Candidate Starts for MaryBeth_24:

(Start: 40 @16506 has 174 MA's), (45, 16545), (59, 16608), (Start: 65 @16638 has 23 MA's), (69, 16659), (74, 16680), (78, 16692), (105, 16710), (126, 16800), (159, 16998), (163, 17031), (173, 17097), (205, 17352), (210, 17373), (214, 17400), (248, 17559), (261, 17595), (289, 17688), (295, 17709), (315, 17766), (345, 17886), (352, 17922), (366, 17952), (375, 17988), (391, 18054), (395, 18075), (420, 18216), (453, 18357), (465, 18378), (497, 18513), (520, 18690), (535, 18801), (544, 18888), (548, 18927), (549, 18942),

Gene: Maverick_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Maverick_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Maxo_25 Start: 15883, Stop: 18483, Start Num: 39

Candidate Starts for Maxo_25:

(Start: 39 @15883 has 116 MA's), (Start: 65 @16024 has 23 MA's), (Start: 68 @16042 has 1 MA's), (108, 16249), (118, 16288), (124, 16318), (147, 16435), (152, 16462), (159, 16525), (168, 16588), (174, 16633), (181, 16675), (191, 16759), (233, 17026), (245, 17077), (261, 17122), (285, 17200), (305, 17239), (308, 17260), (346, 17407), (350, 17428), (357, 17452), (373, 17518), (385, 17572), (395, 17620), (407, 17686), (436, 17851), (439, 17869), (481, 17995), (521, 18247), (523, 18250), (525, 18259), (535, 18319), (546, 18415), (550, 18463),

Gene: Mayonnaise_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Mayonnaise_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Mazhar510_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for Mazhar510_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's), (98, 16201), (108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591), (174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203), (302, 17236), (305, 17242), (334, 17356), (346, 17410), (357, 17455), (372, 17515), (385, 17575), (407, 17689), (436, 17854), (439, 17872), (481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: McFly_29 Start: 16735, Stop: 18939, Start Num: 53

Candidate Starts for McFly_29:

(32, 16576), (46, 16690), (Start: 53 @16735 has 49 MA's), (73, 16846), (74, 16852), (93, 16960), (99, 17002), (112, 17068), (134, 17161), (141, 17188), (159, 17311), (163, 17344), (176, 17434), (187, 17503), (222, 17746), (315, 17884), (360, 18004), (405, 18157), (420, 18220), (429, 18262), (457, 18361), (462, 18382), (468, 18403), (475, 18424), (484, 18475), (486, 18487), (490, 18502), (508, 18583), (516, 18661),

Gene: McGuire_25 Start: 16390, Stop: 18867, Start Num: 42

Candidate Starts for McGuire_25:

(Start: 42 @16390 has 6 MA's), (44, 16405), (Start: 65 @16519 has 23 MA's), (74, 16561), (143, 16768), (147, 16786), (159, 16876), (168, 16939), (172, 16963), (173, 16975), (181, 17026), (243, 17410), (274, 17512), (286, 17551), (291, 17578), (306, 17602), (336, 17731), (366, 17830), (391, 17932), (395, 17953), (401, 17995), (420, 18094), (432, 18157), (458, 18247), (489, 18376), (499, 18409), (520, 18580), (535, 18691), (542, 18757), (544, 18778), (548, 18817), (549, 18832),

Gene: McSinger_25 Start: 16766, Stop: 19237, Start Num: 40

Candidate Starts for McSinger_25:

(Start: 40 @16766 has 174 MA's), (45, 16805), (59, 16868), (Start: 65 @16898 has 23 MA's), (69, 16919), (74, 16940), (105, 16970), (110, 16994), (126, 17060), (159, 17258), (163, 17291), (173, 17357), (205, 17612), (210, 17633), (214, 17660), (248, 17819), (261, 17855), (289, 17948), (295, 17969), (315, 18026), (345, 18146), (352, 18182), (366, 18212), (375, 18248), (391, 18314), (395, 18335), (420, 18476), (453, 18617), (465, 18638), (497, 18773), (520, 18950), (535, 19061), (544, 19148), (548, 19187), (549, 19202),

Gene: Medusa_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for Medusa_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's),
(108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591),
(174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203),
(302, 17236), (305, 17242), (331, 17338), (332, 17347), (346, 17410), (350, 17431), (358, 17458),
(372, 17515), (373, 17521), (385, 17575), (395, 17623), (407, 17689), (436, 17854), (439, 17872),
(481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: MeeZee_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for MeeZee_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's),
(108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),
(174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202),
(305, 17241), (334, 17355), (346, 17409), (357, 17454), (372, 17514), (376, 17532), (385, 17574),
(395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252),
(525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Melvin_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Melvin_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's),
(108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590),
(174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202),
(305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520),
(375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997),
(521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: MetalQZJ_24 Start: 16506, Stop: 18977, Start Num: 40

Candidate Starts for MetalQZJ_24:

(Start: 40 @16506 has 174 MA's), (45, 16545), (59, 16608), (Start: 65 @16638 has 23 MA's), (69,
16659), (74, 16680), (78, 16692), (105, 16710), (126, 16800), (159, 16998), (163, 17031), (173,
17097), (205, 17352), (210, 17373), (214, 17400), (248, 17559), (261, 17595), (289, 17688), (295,
17709), (315, 17766), (345, 17886), (352, 17922), (366, 17952), (375, 17988), (391, 18054), (395,
18075), (420, 18216), (453, 18357), (465, 18378), (497, 18513), (520, 18690), (535, 18801), (544,
18888), (548, 18927), (549, 18942),

Gene: Michley_24 Start: 16251, Stop: 18722, Start Num: 40

Candidate Starts for Michley_24:

(Start: 40 @16251 has 174 MA's), (45, 16290), (59, 16353), (Start: 65 @16383 has 23 MA's), (69,
16404), (74, 16425), (105, 16455), (110, 16479), (126, 16545), (159, 16743), (163, 16776), (173,
16842), (205, 17097), (210, 17118), (214, 17145), (248, 17304), (261, 17340), (289, 17433), (295,
17454), (306, 17469), (310, 17490), (311, 17493), (330, 17562), (336, 17598), (345, 17631), (352,
17667), (366, 17697), (375, 17733), (391, 17799), (395, 17820), (420, 17961), (453, 18102), (465,
18123), (497, 18258), (520, 18435), (535, 18546), (542, 18612), (544, 18633), (548, 18672), (549,
18687),

Gene: Millski_24 Start: 15888, Stop: 18488, Start Num: 39

Candidate Starts for Millski_24:

(Start: 39 @15888 has 116 MA's), (Start: 65 @16029 has 23 MA's), (Start: 68 @16047 has 1 MA's),
(108, 16254), (118, 16293), (124, 16323), (141, 16407), (147, 16440), (152, 16467), (159, 16530),
(168, 16593), (174, 16638), (181, 16680), (191, 16764), (233, 17031), (245, 17082), (261, 17127),
(285, 17205), (305, 17244), (346, 17412), (350, 17433), (357, 17457), (373, 17523), (385, 17577),
(395, 17625), (407, 17691), (436, 17856), (439, 17874), (481, 18000), (521, 18252), (523, 18255),
(525, 18264), (535, 18324), (546, 18420), (550, 18468),

Gene: MinecraftSteve_29 Start: 15877, Stop: 18231, Start Num: 49

Candidate Starts for MinecraftSteve_29:

(Start: 47 @15868 has 1 MA's), (Start: 49 @15877 has 4 MA's), (Start: 82 @16045 has 17 MA's), (130, 16285), (132, 16291), (146, 16360), (154, 16417), (174, 16561), (181, 16603), (188, 16651), (189, 16654), (199, 16765), (202, 16783), (222, 16888), (232, 16936), (282, 17041), (307, 17101), (327, 17155), (335, 17191), (341, 17215), (344, 17224), (360, 17287), (366, 17308), (370, 17323), (377, 17347), (381, 17359), (395, 17413), (398, 17434), (403, 17464), (438, 17635), (440, 17656), (475, 17740), (528, 18043), (546, 18166), (547, 18178),

Gene: Miramae_25 Start: 15828, Stop: 18428, Start Num: 39

Candidate Starts for Miramae_25:

(Start: 39 @15828 has 116 MA's), (Start: 75 @16011 has 1 MA's), (102, 16170), (112, 16218), (147, 16380), (150, 16398), (159, 16470), (174, 16578), (187, 16662), (221, 16911), (240, 16998), (245, 17022), (261, 17067), (302, 17178), (305, 17184), (338, 17316), (346, 17352), (350, 17373), (358, 17400), (372, 17457), (385, 17517), (407, 17631), (436, 17796), (439, 17814), (465, 17883), (481, 17940), (515, 18129), (523, 18195), (525, 18204), (535, 18264), (536, 18273), (541, 18309), (543, 18327), (546, 18360), (550, 18408),

Gene: Mkhuseli_25 Start: 16421, Stop: 18892, Start Num: 40

Candidate Starts for Mkhuseli_25:

(Start: 40 @16421 has 174 MA's), (45, 16460), (59, 16523), (Start: 65 @16553 has 23 MA's), (69, 16574), (74, 16595), (78, 16607), (105, 16625), (126, 16715), (159, 16913), (163, 16946), (173, 17012), (205, 17267), (210, 17288), (214, 17315), (248, 17474), (261, 17510), (289, 17603), (295, 17624), (315, 17681), (345, 17801), (352, 17837), (366, 17867), (375, 17903), (391, 17969), (395, 17990), (401, 18032), (420, 18131), (453, 18272), (465, 18293), (497, 18428), (511, 18524), (520, 18605), (535, 18716), (544, 18803), (548, 18842), (549, 18857),

Gene: Molly_25 Start: 16128, Stop: 18608, Start Num: 40

Candidate Starts for Molly_25:

(Start: 40 @16128 has 174 MA's), (45, 16167), (59, 16230), (Start: 65 @16260 has 23 MA's), (74, 16302), (143, 16509), (147, 16527), (159, 16617), (168, 16680), (172, 16704), (173, 16716), (181, 16767), (243, 17151), (274, 17253), (286, 17292), (289, 17307), (291, 17319), (306, 17343), (336, 17472), (366, 17571), (391, 17673), (395, 17694), (401, 17736), (420, 17835), (432, 17898), (458, 17988), (489, 18117), (499, 18150), (535, 18432), (542, 18498), (544, 18519), (548, 18558), (549, 18573),

Gene: Monet_26 Start: 17622, Stop: 20093, Start Num: 40

Candidate Starts for Monet_26:

(Start: 40 @17622 has 174 MA's), (45, 17661), (59, 17724), (Start: 65 @17754 has 23 MA's), (69, 17775), (74, 17796), (78, 17808), (105, 17826), (126, 17916), (159, 18114), (163, 18147), (173, 18213), (205, 18468), (210, 18489), (214, 18516), (221, 18555), (232, 18612), (240, 18642), (248, 18675), (261, 18711), (289, 18804), (295, 18825), (315, 18882), (345, 19002), (352, 19038), (366, 19068), (375, 19104), (391, 19170), (395, 19191), (401, 19233), (419, 19329), (420, 19332), (432, 19395), (453, 19473), (465, 19494), (511, 19725), (520, 19806), (535, 19917), (544, 20004), (548, 20043), (550, 20073),

Gene: Moose_23 Start: 16363, Stop: 18834, Start Num: 40

Candidate Starts for Moose_23:

(Start: 40 @16363 has 174 MA's), (45, 16402), (59, 16465), (Start: 65 @16495 has 23 MA's), (69, 16516), (74, 16537), (78, 16549), (105, 16567), (126, 16657), (159, 16855), (163, 16888), (173, 16954), (205, 17209), (210, 17230), (214, 17257), (248, 17416), (261, 17452), (289, 17545), (295, 17566), (315, 17623), (345, 17743), (352, 17779), (366, 17809), (375, 17845), (391, 17911), (395, 17932), (420, 18073), (453, 18214), (465, 18235), (511, 18466), (520, 18547), (535, 18658), (539,

18700), (544, 18745), (548, 18784), (549, 18799),

Gene: Morpher26_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Morpher26_25:

(Start: 39 @15885 has 116 MA's), (98, 16200), (102, 16227), (112, 16275), (127, 16332), (147, 16437), (149, 16452), (152, 16464), (159, 16527), (174, 16635), (177, 16656), (181, 16677), (245, 17079), (260, 17121), (261, 17124), (302, 17235), (305, 17241), (338, 17373), (346, 17409), (358, 17457), (385, 17574), (407, 17688), (436, 17853), (439, 17871), (479, 17985), (481, 17997), (505, 18087), (514, 18180), (523, 18252), (525, 18261), (535, 18321), (536, 18330), (546, 18417), (550, 18465),

Gene: Morrow_25 Start: 15888, Stop: 18488, Start Num: 39

Candidate Starts for Morrow_25:

(Start: 39 @15888 has 116 MA's), (Start: 65 @16029 has 23 MA's), (Start: 68 @16047 has 1 MA's), (108, 16254), (118, 16293), (124, 16323), (147, 16440), (152, 16467), (159, 16530), (168, 16593), (174, 16638), (181, 16680), (191, 16764), (221, 16971), (233, 17031), (245, 17082), (261, 17127), (285, 17205), (302, 17238), (305, 17244), (346, 17412), (350, 17433), (357, 17457), (372, 17517), (373, 17523), (375, 17526), (385, 17577), (395, 17625), (407, 17691), (436, 17856), (439, 17874), (481, 18000), (521, 18252), (523, 18255), (525, 18264), (535, 18324), (546, 18420), (550, 18468),

Gene: MrGordo_24 Start: 16064, Stop: 18535, Start Num: 40

Candidate Starts for MrGordo_24:

(Start: 40 @16064 has 174 MA's), (45, 16103), (59, 16166), (Start: 65 @16196 has 23 MA's), (69, 16217), (74, 16238), (105, 16268), (110, 16292), (126, 16358), (159, 16556), (163, 16589), (173, 16655), (205, 16910), (210, 16931), (214, 16958), (248, 17117), (261, 17153), (289, 17246), (295, 17267), (306, 17282), (310, 17303), (311, 17306), (330, 17375), (336, 17411), (345, 17444), (352, 17480), (366, 17510), (375, 17546), (391, 17612), (395, 17633), (420, 17774), (453, 17915), (465, 17936), (497, 18071), (520, 18248), (535, 18359), (544, 18446), (548, 18485), (549, 18500),

Gene: Mryolo_23 Start: 16114, Stop: 18594, Start Num: 40

Candidate Starts for Mryolo_23:

(Start: 40 @16114 has 174 MA's), (45, 16153), (59, 16216), (Start: 65 @16246 has 23 MA's), (74, 16288), (143, 16495), (147, 16513), (159, 16603), (168, 16666), (172, 16690), (173, 16702), (181, 16753), (243, 17137), (274, 17239), (286, 17278), (291, 17305), (306, 17329), (336, 17458), (366, 17557), (391, 17659), (395, 17680), (397, 17692), (401, 17722), (420, 17821), (432, 17884), (489, 18103), (499, 18136), (520, 18307), (535, 18418), (539, 18460), (544, 18505), (548, 18544), (549, 18559),

Gene: Mule_24 Start: 16401, Stop: 18881, Start Num: 40

Candidate Starts for Mule_24:

(Start: 40 @16401 has 174 MA's), (45, 16440), (59, 16503), (Start: 65 @16533 has 23 MA's), (74, 16575), (143, 16782), (147, 16800), (159, 16890), (168, 16953), (172, 16977), (173, 16989), (181, 17040), (243, 17424), (274, 17526), (286, 17565), (291, 17592), (306, 17616), (336, 17745), (366, 17844), (391, 17946), (395, 17967), (401, 18009), (420, 18108), (432, 18171), (489, 18390), (499, 18423), (535, 18705), (544, 18792), (548, 18831), (549, 18846),

Gene: Mundrea_25 Start: 15850, Stop: 18450, Start Num: 39

Candidate Starts for Mundrea_25:

(Start: 39 @15850 has 116 MA's), (102, 16192), (112, 16240), (127, 16297), (147, 16402), (149, 16417), (159, 16492), (174, 16600), (177, 16621), (181, 16642), (240, 17020), (242, 17032), (245, 17044), (261, 17089), (264, 17098), (302, 17200), (305, 17206), (308, 17227), (358, 17422), (369, 17461), (400, 17620), (404, 17641), (407, 17653), (411, 17671), (436, 17818), (439, 17836), (481, 17962), (505, 18052), (514, 18145), (523, 18217), (525, 18226), (535, 18286), (536, 18295), (541, 18331), (546, 18382), (550, 18430),

Gene: Museum_26 Start: 16420, Stop: 18891, Start Num: 40

Candidate Starts for Museum_26:

(Start: 40 @16420 has 174 MA's), (45, 16459), (59, 16522), (Start: 65 @16552 has 23 MA's), (69, 16573), (74, 16594), (78, 16606), (105, 16624), (110, 16648), (126, 16714), (159, 16912), (163, 16945), (173, 17011), (205, 17266), (210, 17287), (214, 17314), (248, 17473), (261, 17509), (289, 17602), (295, 17623), (315, 17680), (345, 17800), (352, 17836), (366, 17866), (375, 17902), (391, 17968), (395, 17989), (420, 18130), (453, 18271), (465, 18292), (497, 18427), (520, 18604), (535, 18715), (542, 18781), (544, 18802), (548, 18841), (549, 18856),

Gene: MyraDee_23 Start: 14094, Stop: 16709, Start Num: 53

Candidate Starts for MyraDee_23:

(Start: 53 @14094 has 49 MA's), (Start: 65 @14151 has 23 MA's), (Start: 68 @14175 has 1 MA's), (84, 14274), (88, 14292), (102, 14394), (104, 14400), (112, 14445), (114, 14454), (145, 14592), (152, 14625), (159, 14688), (168, 14751), (170, 14766), (174, 14796), (176, 14811), (181, 14838), (192, 14925), (196, 14955), (202, 15018), (218, 15099), (221, 15114), (222, 15123), (223, 15141), (321, 15507), (328, 15528), (392, 15813), (394, 15825), (399, 15858), (420, 15963), (429, 16005), (442, 16080), (452, 16095), (457, 16104), (468, 16146), (488, 16245), (506, 16335), (518, 16434), (519, 16437), (520, 16458), (524, 16485), (538, 16581), (540, 16593), (542, 16608), (546, 16638),

Gene: NEHalo_24 Start: 16149, Stop: 18629, Start Num: 40

Candidate Starts for NEHalo_24:

(Start: 40 @16149 has 174 MA's), (45, 16188), (59, 16251), (Start: 65 @16281 has 23 MA's), (74, 16323), (143, 16530), (147, 16548), (159, 16638), (168, 16701), (172, 16725), (173, 16737), (181, 16788), (243, 17172), (274, 17274), (286, 17313), (289, 17328), (291, 17340), (306, 17364), (336, 17493), (366, 17592), (391, 17694), (395, 17715), (401, 17757), (420, 17856), (432, 17919), (458, 18009), (489, 18138), (499, 18171), (535, 18453), (542, 18519), (544, 18540), (548, 18579), (549, 18594),

Gene: Naca_22 Start: 15172, Stop: 18438, Start Num: 1

Candidate Starts for Naca_22:

(Start: 1 @15172 has 10 MA's), (5, 15409), (8, 15511), (9, 15520), (14, 15613), (16, 15640), (34, 15715), (51, 15850), (64, 15904), (71, 15958), (93, 16099), (97, 16123), (102, 16162), (115, 16225), (117, 16228), (130, 16288), (138, 16315), (149, 16381), (162, 16480), (168, 16519), (174, 16564), (178, 16588), (190, 16669), (222, 16891), (226, 16915), (239, 16963), (254, 17020), (256, 17026), (275, 17098), (292, 17167), (315, 17224), (320, 17242), (328, 17266), (345, 17338), (388, 17512), (390, 17524), (401, 17587), (417, 17674), (425, 17710), (428, 17731), (430, 17752), (459, 17851), (473, 17893), (479, 17914), (498, 18001), (503, 18031), (504, 18034), (511, 18094), (522, 18193), (525, 18205), (527, 18217), (528, 18226), (546, 18373),

Gene: Nebs_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Nebs_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Nebulosus_28 Start: 15746, Stop: 18109, Start Num: 47

Candidate Starts for Nebulosus_28:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16163), (132, 16169), (146, 16238), (154, 16295), (174, 16439), (181, 16481), (188, 16529), (189,

16532), (199, 16643), (202, 16661), (222, 16766), (232, 16814), (282, 16919), (307, 16979), (327, 17033), (335, 17069), (341, 17093), (344, 17102), (360, 17165), (366, 17186), (370, 17201), (377, 17225), (381, 17237), (395, 17291), (398, 17312), (403, 17342), (438, 17513), (440, 17534), (475, 17618), (528, 17921), (546, 18044), (547, 18056),

Gene: Nedarya_27 Start: 16578, Stop: 18761, Start Num: 82

Candidate Starts for Nedarya_27:

(Start: 47 @16404 has 1 MA's), (Start: 49 @16413 has 4 MA's), (61, 16467), (Start: 82 @16578 has 17 MA's), (121, 16782), (125, 16797), (130, 16821), (132, 16827), (149, 16914), (150, 16917), (154, 16953), (159, 16989), (163, 17022), (168, 17052), (170, 17067), (173, 17088), (178, 17121), (189, 17190), (199, 17301), (201, 17310), (227, 17442), (229, 17451), (282, 17565), (327, 17679), (360, 17811), (368, 17838), (370, 17847), (386, 17904), (398, 17958), (403, 17988), (412, 18033), (438, 18159), (546, 18693), (547, 18705),

Gene: Neeharika16_29 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for Neeharika16_29:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: Nemo27_25 Start: 16025, Stop: 18484, Start Num: 65

Candidate Starts for Nemo27_25:

(Start: 39 @15884 has 116 MA's), (Start: 65 @16025 has 23 MA's), (Start: 68 @16043 has 1 MA's), (108, 16250), (118, 16289), (124, 16319), (147, 16436), (152, 16463), (159, 16526), (168, 16589), (174, 16634), (181, 16676), (191, 16760), (233, 17027), (245, 17078), (261, 17123), (285, 17201), (302, 17234), (305, 17240), (308, 17261), (346, 17408), (350, 17429), (357, 17453), (373, 17519), (385, 17573), (395, 17621), (407, 17687), (436, 17852), (439, 17870), (481, 17996), (521, 18248), (523, 18251), (525, 18260), (535, 18320), (546, 18416), (550, 18464),

Gene: Nerujay_25 Start: 16817, Stop: 19297, Start Num: 40

Candidate Starts for Nerujay_25:

(Start: 40 @16817 has 174 MA's), (45, 16856), (59, 16919), (Start: 65 @16949 has 23 MA's), (74, 16991), (143, 17198), (147, 17216), (159, 17306), (168, 17369), (172, 17393), (173, 17405), (181, 17456), (243, 17840), (274, 17942), (286, 17981), (291, 18008), (306, 18032), (336, 18161), (366, 18260), (391, 18362), (395, 18383), (397, 18395), (401, 18425), (420, 18524), (432, 18587), (489, 18806), (499, 18839), (535, 19121), (544, 19208), (548, 19247), (549, 19262),

Gene: Newrala_29 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for Newrala_29:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: Nhonho_24 Start: 16571, Stop: 19048, Start Num: 40

Candidate Starts for Nhonho_24:

(Start: 40 @16571 has 174 MA's), (45, 16610), (54, 16655), (59, 16673), (60, 16679), (Start: 65 @16703 has 23 MA's), (143, 16949), (147, 16967), (159, 17057), (168, 17120), (172, 17144), (173, 17156), (181, 17207), (193, 17300), (274, 17693), (286, 17732), (289, 17747), (291, 17759), (306, 17783), (325, 17858), (336, 17912), (366, 18011), (391, 18113), (395, 18134), (397, 18146), (401,

18176), (420, 18275), (432, 18338), (458, 18428), (489, 18557), (499, 18590), (535, 18872), (544, 18959), (548, 18998), (550, 19028),

Gene: Niza_26 Start: 17422, Stop: 19890, Start Num: 40

Candidate Starts for Niza_26:

(Start: 40 @17422 has 174 MA's), (44, 17437), (Start: 65 @17551 has 23 MA's), (69, 17572), (74, 17593), (105, 17623), (110, 17647), (114, 17668), (126, 17713), (132, 17740), (159, 17911), (163, 17944), (173, 18010), (205, 18265), (210, 18286), (214, 18313), (248, 18472), (261, 18508), (289, 18601), (295, 18622), (315, 18679), (345, 18799), (352, 18835), (366, 18865), (375, 18901), (391, 18967), (395, 18988), (420, 19129), (453, 19270), (465, 19291), (497, 19426), (520, 19603), (535, 19714), (544, 19801), (548, 19840), (549, 19855),

Gene: Noelle_25 Start: 15938, Stop: 18538, Start Num: 39

Candidate Starts for Noelle_25:

(Start: 39 @15938 has 116 MA's), (112, 16328), (141, 16457), (147, 16490), (149, 16505), (152, 16517), (159, 16580), (174, 16688), (183, 16739), (193, 16823), (240, 17108), (242, 17120), (245, 17132), (261, 17177), (285, 17255), (302, 17288), (305, 17294), (338, 17426), (346, 17462), (358, 17510), (385, 17627), (395, 17675), (400, 17708), (407, 17741), (411, 17759), (436, 17906), (439, 17924), (481, 18050), (505, 18140), (523, 18305), (525, 18314), (535, 18374), (536, 18383), (541, 18419), (543, 18437), (546, 18470), (550, 18518),

Gene: NorthStar_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for NorthStar_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: NotAPhaseMom_25 Start: 16030, Stop: 18489, Start Num: 65

Candidate Starts for NotAPhaseMom_25:

(Start: 39 @15889 has 116 MA's), (Start: 65 @16030 has 23 MA's), (Start: 68 @16048 has 1 MA's), (108, 16255), (118, 16294), (124, 16324), (147, 16441), (152, 16468), (159, 16531), (168, 16594), (174, 16639), (181, 16681), (191, 16765), (233, 17032), (245, 17083), (261, 17128), (285, 17206), (302, 17239), (305, 17245), (308, 17266), (346, 17413), (350, 17434), (357, 17458), (373, 17524), (385, 17578), (395, 17626), (407, 17692), (436, 17857), (439, 17875), (481, 18001), (521, 18253), (523, 18256), (525, 18265), (535, 18325), (546, 18421), (550, 18469),

Gene: Noxious_25 Start: 17387, Stop: 19858, Start Num: 40

Candidate Starts for Noxious_25:

(Start: 40 @17387 has 174 MA's), (45, 17426), (59, 17489), (Start: 65 @17519 has 23 MA's), (69, 17540), (74, 17561), (78, 17573), (105, 17591), (110, 17615), (126, 17681), (159, 17879), (163, 17912), (173, 17978), (205, 18233), (210, 18254), (214, 18281), (232, 18377), (240, 18407), (248, 18440), (261, 18476), (289, 18569), (295, 18590), (315, 18647), (345, 18767), (352, 18803), (366, 18833), (375, 18869), (391, 18935), (395, 18956), (401, 18998), (420, 19097), (453, 19238), (465, 19259), (497, 19394), (535, 19682), (544, 19769), (548, 19808),

Gene: Nyxis_25 Start: 15969, Stop: 18428, Start Num: 65

Candidate Starts for Nyxis_25:

(Start: 39 @15828 has 116 MA's), (Start: 65 @15969 has 23 MA's), (Start: 68 @15987 has 1 MA's), (108, 16194), (118, 16233), (124, 16263), (147, 16380), (152, 16407), (159, 16470), (168, 16533), (174, 16578), (181, 16620), (191, 16704), (233, 16971), (245, 17022), (261, 17067), (285, 17145),

(305, 17184), (308, 17205), (346, 17352), (350, 17373), (357, 17397), (372, 17457), (373, 17463), (375, 17466), (385, 17517), (395, 17565), (407, 17631), (436, 17796), (439, 17814), (481, 17940), (521, 18192), (523, 18195), (525, 18204), (535, 18264), (546, 18360), (550, 18408),

Gene: OKCentral2016_25 Start: 15565, Stop: 18123, Start Num: 92

Candidate Starts for OKCentral2016_25:

(25, 15157), (Start: 57 @15388 has 8 MA's), (Start: 92 @15565 has 9 MA's), (96, 15586), (101, 15610), (102, 15616), (108, 15640), (109, 15643), (110, 15652), (120, 15691), (122, 15700), (124, 15706), (128, 15730), (139, 15775), (145, 15817), (152, 15850), (153, 15859), (159, 15913), (166, 15967), (168, 15976), (172, 16000), (174, 16021), (190, 16126), (195, 16168), (247, 16480), (248, 16483), (252, 16495), (285, 16696), (297, 16816), (302, 16861), (304, 16864), (305, 16867), (308, 16888), (309, 16891), (321, 16936), (346, 17044), (350, 17065), (367, 17125), (375, 17158), (389, 17221), (401, 17299), (407, 17323), (420, 17398), (430, 17464), (436, 17488), (439, 17506), (447, 17542), (462, 17572), (478, 17614), (479, 17626), (481, 17638), (491, 17674), (495, 17686), (525, 17899), (527, 17911), (532, 17935), (535, 17959), (546, 18055), (550, 18103),

Gene: OKaNui_26 Start: 15938, Stop: 18538, Start Num: 39

Candidate Starts for OKaNui_26:

(Start: 39 @15938 has 116 MA's), (Start: 65 @16079 has 23 MA's), (Start: 68 @16097 has 1 MA's), (108, 16304), (118, 16343), (124, 16373), (147, 16490), (152, 16517), (159, 16580), (168, 16643), (174, 16688), (181, 16730), (191, 16814), (233, 17081), (245, 17132), (261, 17177), (285, 17255), (305, 17294), (346, 17462), (350, 17483), (357, 17507), (373, 17573), (385, 17627), (395, 17675), (407, 17741), (436, 17906), (439, 17924), (481, 18050), (521, 18302), (523, 18305), (525, 18314), (535, 18374), (546, 18470), (550, 18518),

Gene: Obama12_26 Start: 16339, Stop: 18798, Start Num: 65

Candidate Starts for Obama12_26:

(Start: 39 @16198 has 116 MA's), (Start: 65 @16339 has 23 MA's), (Start: 68 @16357 has 1 MA's), (98, 16513), (108, 16564), (124, 16633), (147, 16750), (152, 16777), (159, 16840), (168, 16903), (174, 16948), (181, 16990), (191, 17074), (221, 17281), (233, 17341), (245, 17392), (261, 17437), (285, 17515), (302, 17548), (305, 17554), (346, 17722), (350, 17743), (357, 17767), (372, 17827), (373, 17833), (375, 17836), (385, 17887), (395, 17935), (407, 18001), (436, 18166), (439, 18184), (481, 18310), (521, 18562), (523, 18565), (525, 18574), (534, 18631), (535, 18634), (541, 18679), (546, 18730), (550, 18778),

Gene: Ohfah_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Ohfah_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (308, 17259), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (541, 18363), (546, 18414), (550, 18462),

Gene: Ohno789_24 Start: 16219, Stop: 18690, Start Num: 40

Candidate Starts for Ohno789_24:

(Start: 40 @16219 has 174 MA's), (45, 16258), (59, 16321), (Start: 65 @16351 has 23 MA's), (69, 16372), (74, 16393), (78, 16405), (105, 16423), (126, 16513), (159, 16711), (163, 16744), (173, 16810), (205, 17065), (210, 17086), (214, 17113), (248, 17272), (261, 17308), (289, 17401), (295, 17422), (315, 17479), (345, 17599), (352, 17635), (366, 17665), (375, 17701), (391, 17767), (395, 17788), (420, 17929), (453, 18070), (465, 18091), (497, 18226), (520, 18403), (535, 18514), (544, 18601), (548, 18640), (549, 18655),

Gene: Oofda_28 Start: 15894, Stop: 18083, Start Num: 82

Candidate Starts for Oofda_28:

(Start: 47 @15717 has 1 MA's), (Start: 49 @15726 has 4 MA's), (Start: 82 @15894 has 17 MA's), (130, 16137), (132, 16143), (146, 16212), (154, 16269), (174, 16413), (181, 16455), (188, 16503), (189, 16506), (199, 16617), (202, 16635), (222, 16740), (232, 16788), (282, 16893), (307, 16953), (327, 17007), (335, 17043), (341, 17067), (344, 17076), (360, 17139), (366, 17160), (370, 17175), (377, 17199), (381, 17211), (395, 17265), (398, 17286), (403, 17316), (438, 17487), (440, 17508), (475, 17592), (528, 17895), (546, 18018), (547, 18030),

Gene: Oogway_23 Start: 16332, Stop: 18812, Start Num: 40

Candidate Starts for Oogway_23:

(Start: 40 @16332 has 174 MA's), (45, 16371), (59, 16434), (Start: 65 @16464 has 23 MA's), (74, 16506), (143, 16713), (147, 16731), (159, 16821), (168, 16884), (172, 16908), (173, 16920), (181, 16971), (243, 17355), (274, 17457), (286, 17496), (291, 17523), (306, 17547), (366, 17775), (391, 17877), (395, 17898), (401, 17940), (420, 18039), (432, 18102), (489, 18321), (499, 18354), (535, 18636), (544, 18723), (548, 18762),

Gene: PP_35 Start: 21773, Stop: 24784, Start Num: 10

Candidate Starts for PP_35:

(Start: 10 @21773 has 1 MA's), (17, 21896), (18, 21902), (23, 22010), (24, 22013), (26, 22022), (28, 22034), (36, 22115), (50, 22229), (55, 22253), (72, 22325), (77, 22346), (79, 22355), (80, 22361), (109, 22526), (112, 22547), (127, 22604), (135, 22643), (140, 22673), (143, 22691), (146, 22706), (147, 22709), (149, 22724), (153, 22745), (159, 22799), (168, 22862), (173, 22898), (174, 22907), (177, 22928), (181, 22949), (203, 23138), (216, 23216), (222, 23249), (232, 23297), (244, 23348), (245, 23351), (261, 23396), (319, 23567), (334, 23615), (345, 23660), (357, 23714), (363, 23735), (371, 23768), (385, 23834), (389, 23846), (396, 23891), (401, 23924), (406, 23945), (407, 23948), (427, 24056), (435, 24110), (436, 24113), (439, 24131), (454, 24188), (466, 24218), (484, 24293), (487, 24314), (500, 24353), (507, 24407), (513, 24467), (517, 24500), (526, 24563), (527, 24572), (540, 24662), (542, 24677), (547, 24728),

Gene: PSullivan_26 Start: 16832, Stop: 19303, Start Num: 40

Candidate Starts for PSullivan_26:

(Start: 40 @16832 has 174 MA's), (45, 16871), (59, 16934), (Start: 65 @16964 has 23 MA's), (69, 16985), (74, 17006), (78, 17018), (105, 17036), (126, 17126), (159, 17324), (163, 17357), (173, 17423), (205, 17678), (210, 17699), (214, 17726), (248, 17885), (261, 17921), (289, 18014), (295, 18035), (315, 18092), (345, 18212), (352, 18248), (366, 18278), (375, 18314), (391, 18380), (395, 18401), (420, 18542), (453, 18683), (465, 18704), (497, 18839), (520, 19016), (535, 19127), (542, 19193), (544, 19214), (548, 19253), (549, 19268),

Gene: PacerPaul_24 Start: 16642, Stop: 19113, Start Num: 40

Candidate Starts for PacerPaul_24:

(Start: 40 @16642 has 174 MA's), (45, 16681), (59, 16744), (Start: 65 @16774 has 23 MA's), (69, 16795), (74, 16816), (105, 16846), (110, 16870), (126, 16936), (159, 17134), (163, 17167), (173, 17233), (205, 17488), (210, 17509), (214, 17536), (248, 17695), (261, 17731), (289, 17824), (295, 17845), (306, 17860), (310, 17881), (311, 17884), (330, 17953), (336, 17989), (345, 18022), (352, 18058), (366, 18088), (375, 18124), (391, 18190), (395, 18211), (420, 18352), (453, 18493), (465, 18514), (497, 18649), (520, 18826), (535, 18937), (542, 19003), (544, 19024), (548, 19063), (549, 19078),

Gene: Palestino_24 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Palestino_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (334, 17355), (346, 17409), (357, 17454), (372, 17514), (376, 17532), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Papez_26 Start: 18048, Stop: 20528, Start Num: 40

Candidate Starts for Papez_26:

(Start: 40 @18048 has 174 MA's), (45, 18087), (59, 18150), (Start: 65 @18180 has 23 MA's), (74, 18222), (143, 18429), (147, 18447), (159, 18537), (168, 18600), (172, 18624), (173, 18636), (181, 18687), (243, 19071), (274, 19173), (286, 19212), (291, 19239), (306, 19263), (366, 19491), (391, 19593), (395, 19614), (397, 19626), (401, 19656), (420, 19755), (432, 19818), (489, 20037), (499, 20070), (535, 20352), (544, 20439), (548, 20478), (550, 20508),

Gene: Pari_25 Start: 16564, Stop: 18564, Start Num: 40

Candidate Starts for Pari_25:

(Start: 40 @16564 has 174 MA's), (45, 16603), (59, 16666), (Start: 65 @16696 has 23 MA's), (69, 16717), (106, 16777), (128, 16873), (143, 16942), (145, 16954), (159, 17050), (163, 17083), (196, 17317), (249, 17605), (289, 17707), (293, 17719), (328, 17797), (337, 17839), (361, 17893), (366, 17905), (370, 17920), (373, 17938), (376, 17950), (397, 18028), (401, 18058), (420, 18154), (477, 18364), (509, 18514),

Gene: Parliament_23 Start: 16450, Stop: 18921, Start Num: 40

Candidate Starts for Parliament_23:

(Start: 40 @16450 has 174 MA's), (45, 16489), (59, 16552), (Start: 65 @16582 has 23 MA's), (69, 16603), (74, 16624), (105, 16654), (110, 16678), (126, 16744), (159, 16942), (163, 16975), (173, 17041), (205, 17296), (210, 17317), (214, 17344), (248, 17503), (261, 17539), (289, 17632), (295, 17653), (315, 17710), (345, 17830), (352, 17866), (366, 17896), (375, 17932), (391, 17998), (395, 18019), (420, 18160), (453, 18301), (465, 18322), (497, 18457), (520, 18634), (535, 18745), (542, 18811), (544, 18832), (548, 18871), (550, 18901),

Gene: PattyP_26 Start: 16629, Stop: 19100, Start Num: 40

Candidate Starts for PattyP_26:

(Start: 40 @16629 has 174 MA's), (45, 16668), (59, 16731), (Start: 65 @16761 has 23 MA's), (69, 16782), (74, 16803), (78, 16815), (105, 16833), (110, 16857), (126, 16923), (159, 17121), (163, 17154), (173, 17220), (205, 17475), (210, 17496), (214, 17523), (248, 17682), (261, 17718), (289, 17811), (295, 17832), (315, 17889), (345, 18009), (352, 18045), (366, 18075), (375, 18111), (391, 18177), (395, 18198), (420, 18339), (453, 18480), (465, 18501), (497, 18636), (520, 18813), (535, 18924), (542, 18990), (544, 19011), (548, 19050), (549, 19065),

Gene: Payneful_24 Start: 15902, Stop: 18370, Start Num: 40

Candidate Starts for Payneful_24:

(Start: 40 @15902 has 174 MA's), (44, 15917), (Start: 65 @16031 has 23 MA's), (69, 16052), (74, 16073), (105, 16103), (126, 16193), (159, 16391), (163, 16424), (173, 16490), (205, 16745), (210, 16766), (214, 16793), (248, 16952), (261, 16988), (289, 17081), (295, 17102), (306, 17117), (310, 17138), (311, 17141), (330, 17210), (336, 17246), (345, 17279), (352, 17315), (366, 17345), (375, 17381), (391, 17447), (395, 17468), (420, 17609), (453, 17750), (465, 17771), (497, 17906), (520, 18083), (535, 18194), (542, 18260), (544, 18281), (548, 18320), (550, 18350),

Gene: PeaceMeal1_24 Start: 13789, Stop: 16521, Start Num: 57

Candidate Starts for PeaceMeal1_24:

(Start: 57 @13789 has 8 MA's), (Start: 92 @13966 has 9 MA's), (108, 14041), (110, 14053), (145, 14215), (149, 14236), (152, 14248), (155, 14278), (159, 14311), (165, 14356), (168, 14374), (170, 14389), (172, 14398), (174, 14419), (190, 14524), (195, 14566), (217, 14731), (252, 14893), (257, 14920), (285, 15097), (289, 15142), (297, 15217), (304, 15265), (305, 15268), (308, 15289), (309, 15292), (321, 15337), (339, 15412), (340, 15415), (345, 15436), (349, 15460), (367, 15526), (373, 15556), (376, 15568), (394, 15655), (397, 15670), (407, 15724), (420, 15799), (434, 15877), (436, 15889), (439, 15907), (449, 15946), (458, 15958), (462, 15970), (478, 16012), (479, 16024), (481, 16036), (485, 16051), (491, 16072), (495, 16084), (525, 16297), (535, 16357), (541, 16402), (546, 16453), (550, 16501),

Gene: Peaches_25 Start: 15884, Stop: 18484, Start Num: 39

Candidate Starts for Peaches_25:

(Start: 39 @15884 has 116 MA's), (Start: 65 @16025 has 23 MA's), (Start: 68 @16043 has 1 MA's), (108, 16250), (118, 16289), (124, 16319), (147, 16436), (152, 16463), (159, 16526), (168, 16589), (174, 16634), (181, 16676), (191, 16760), (233, 17027), (245, 17078), (261, 17123), (285, 17201), (302, 17234), (305, 17240), (331, 17336), (332, 17345), (346, 17408), (350, 17429), (358, 17456), (372, 17513), (373, 17519), (385, 17573), (395, 17621), (407, 17687), (436, 17852), (439, 17870), (481, 17996), (521, 18248), (523, 18251), (525, 18260), (535, 18320), (546, 18416), (550, 18464),

Gene: Perplexer_25 Start: 15879, Stop: 18479, Start Num: 39

Candidate Starts for Perplexer_25:

(Start: 39 @15879 has 116 MA's), (102, 16221), (112, 16269), (127, 16326), (147, 16431), (149, 16446), (152, 16458), (159, 16521), (174, 16629), (177, 16650), (181, 16671), (233, 17022), (245, 17073), (261, 17118), (302, 17229), (305, 17235), (331, 17331), (338, 17367), (346, 17403), (358, 17451), (385, 17568), (407, 17682), (436, 17847), (439, 17865), (479, 17979), (481, 17991), (505, 18081), (514, 18174), (523, 18246), (525, 18255), (535, 18315), (536, 18324), (543, 18378), (546, 18411), (550, 18459),

Gene: Perseus_25 Start: 16486, Stop: 18966, Start Num: 40

Candidate Starts for Perseus_25:

(Start: 40 @16486 has 174 MA's), (45, 16525), (59, 16588), (Start: 65 @16618 has 23 MA's), (74, 16660), (143, 16867), (147, 16885), (159, 16975), (168, 17038), (172, 17062), (173, 17074), (181, 17125), (243, 17509), (274, 17611), (286, 17650), (289, 17665), (306, 17701), (336, 17830), (366, 17929), (391, 18031), (395, 18052), (397, 18064), (401, 18094), (420, 18193), (432, 18256), (489, 18475), (499, 18508), (535, 18790), (544, 18877), (548, 18916),

Gene: PeterPeter_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for PeterPeter_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: PetiteSangsue_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for PetiteSangsue_25:

(Start: 39 @15885 has 116 MA's), (102, 16227), (112, 16275), (127, 16332), (147, 16437), (149, 16452), (152, 16464), (159, 16527), (174, 16635), (177, 16656), (181, 16677), (233, 17028), (245, 17079), (261, 17124), (302, 17235), (305, 17241), (331, 17337), (338, 17373), (346, 17409), (358, 17457), (385, 17574), (407, 17688), (436, 17853), (439, 17871), (479, 17985), (481, 17997), (505, 18087), (514, 18180), (523, 18252), (525, 18261), (535, 18321), (536, 18330), (546, 18417), (550, 18465),

Gene: Petp2012_26 Start: 17297, Stop: 19771, Start Num: 40

Candidate Starts for Petp2012_26:

(Start: 40 @17297 has 174 MA's), (45, 17336), (59, 17399), (Start: 65 @17429 has 23 MA's), (69, 17450), (128, 17606), (145, 17687), (159, 17783), (163, 17816), (173, 17882), (222, 18218), (239, 18290), (280, 18437), (291, 18482), (306, 18506), (336, 18635), (366, 18734), (391, 18836), (395, 18857), (401, 18899), (420, 18998), (432, 19061), (458, 19151), (489, 19280), (499, 19313), (535, 19595), (542, 19661), (544, 19682), (548, 19721), (549, 19736),

Gene: Petruchio_24 Start: 16327, Stop: 18795, Start Num: 40

Candidate Starts for Petruchio_24:

(Start: 40 @16327 has 174 MA's), (45, 16366), (59, 16429), (Start: 65 @16459 has 23 MA's), (69, 16480), (74, 16501), (78, 16513), (105, 16531), (114, 16576), (126, 16621), (159, 16816), (163, 16849), (173, 16915), (205, 17170), (210, 17191), (214, 17218), (221, 17257), (232, 17314), (240, 17344), (248, 17377), (261, 17413), (289, 17506), (295, 17527), (315, 17584), (345, 17704), (352, 17740), (366, 17770), (375, 17806), (391, 17872), (395, 17893), (420, 18034), (453, 18175), (465, 18196), (497, 18331), (535, 18619), (544, 18706), (548, 18745),

Gene: PetterN_23 Start: 15059, Stop: 17872, Start Num: 1

Candidate Starts for PetterN_23:

(Start: 1 @15059 has 10 MA's), (3, 15248), (51, 15731), (52, 15737), (94, 15830), (107, 15881), (113, 15917), (133, 16007), (145, 16073), (149, 16094), (159, 16169), (163, 16202), (172, 16256), (175, 16289), (176, 16292), (178, 16301), (191, 16400), (193, 16409), (196, 16433), (212, 16562), (238, 16676), (248, 16718), (253, 16727), (283, 16793), (328, 16886), (335, 16919), (370, 17006), (383, 17039), (385, 17051), (396, 17081), (425, 17144), (430, 17186), (445, 17258), (459, 17285), (464, 17300), (473, 17327), (479, 17348), (498, 17435), (503, 17465), (504, 17468), (511, 17528), (522, 17627), (525, 17639), (527, 17651), (528, 17660), (546, 17807),

Gene: Phacado_25 Start: 15884, Stop: 18484, Start Num: 39

Candidate Starts for Phacado_25:

(Start: 39 @15884 has 116 MA's), (Start: 65 @16025 has 23 MA's), (Start: 68 @16043 has 1 MA's), (108, 16250), (118, 16289), (124, 16319), (147, 16436), (152, 16463), (159, 16526), (168, 16589), (174, 16634), (181, 16676), (191, 16760), (233, 17027), (245, 17078), (261, 17123), (285, 17201), (302, 17234), (305, 17240), (308, 17261), (346, 17408), (350, 17429), (357, 17453), (373, 17519), (385, 17573), (395, 17621), (407, 17687), (436, 17852), (439, 17870), (481, 17996), (521, 18248), (523, 18251), (525, 18260), (535, 18320), (546, 18416), (550, 18464),

Gene: Phaded_29 Start: 18699, Stop: 21095, Start Num: 58

Candidate Starts for Phaded_29:

(Start: 58 @18699 has 6 MA's), (Start: 62 @18717 has 5 MA's), (67, 18750), (69, 18756), (89, 18852), (97, 18894), (111, 18957), (112, 18960), (133, 19050), (137, 19065), (142, 19095), (143, 19104), (150, 19140), (152, 19149), (159, 19212), (163, 19245), (170, 19290), (173, 19311), (174, 19320), (190, 19425), (205, 19566), (239, 19734), (240, 19740), (264, 19812), (312, 19980), (320, 19998), (358, 20154), (376, 20208), (387, 20244), (396, 20295), (408, 20355), (414, 20388), (416, 20400), (421, 20433), (422, 20436), (451, 20574), (461, 20586), (478, 20628), (489, 20664), (492, 20676), (494, 20682), (527, 20892),

Gene: Phelipe_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Phelipe_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (132, 16356), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454),

(373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: PherrisBueller_25 Start: 16235, Stop: 18706, Start Num: 40

Candidate Starts for PherrisBueller_25:

(Start: 40 @16235 has 174 MA's), (45, 16274), (59, 16337), (Start: 65 @16367 has 23 MA's), (69, 16388), (74, 16409), (105, 16439), (110, 16463), (126, 16529), (159, 16727), (163, 16760), (173, 16826), (205, 17081), (210, 17102), (214, 17129), (248, 17288), (261, 17324), (289, 17417), (295, 17438), (315, 17495), (345, 17615), (352, 17651), (366, 17681), (375, 17717), (391, 17783), (395, 17804), (420, 17945), (453, 18086), (465, 18107), (497, 18242), (520, 18419), (535, 18530), (544, 18617), (548, 18656), (550, 18686),

Gene: Phighter1804_25 Start: 15863, Stop: 18463, Start Num: 39

Candidate Starts for Phighter1804_25:

(Start: 39 @15863 has 116 MA's), (Start: 65 @16004 has 23 MA's), (Start: 68 @16022 has 1 MA's), (108, 16229), (124, 16298), (147, 16415), (152, 16442), (159, 16505), (168, 16568), (174, 16613), (181, 16655), (191, 16739), (221, 16946), (233, 17006), (245, 17057), (261, 17102), (285, 17180), (302, 17213), (305, 17219), (334, 17333), (346, 17387), (357, 17432), (372, 17492), (385, 17552), (407, 17666), (411, 17684), (436, 17831), (439, 17849), (481, 17975), (521, 18227), (523, 18230), (525, 18239), (534, 18296), (535, 18299), (541, 18344), (546, 18395), (550, 18443),

Gene: PhineBark_23 Start: 17126, Stop: 19597, Start Num: 40

Candidate Starts for PhineBark_23:

(Start: 40 @17126 has 174 MA's), (45, 17165), (59, 17228), (Start: 65 @17258 has 23 MA's), (69, 17279), (74, 17300), (105, 17330), (110, 17354), (126, 17420), (159, 17618), (163, 17651), (173, 17717), (205, 17972), (210, 17993), (214, 18020), (248, 18179), (261, 18215), (289, 18308), (295, 18329), (315, 18386), (345, 18506), (352, 18542), (366, 18572), (375, 18608), (391, 18674), (395, 18695), (420, 18836), (453, 18977), (465, 18998), (497, 19133), (520, 19310), (535, 19421), (542, 19487), (544, 19508), (548, 19547), (549, 19562),

Gene: Phontbonne_25 Start: 15829, Stop: 18429, Start Num: 39

Candidate Starts for Phontbonne_25:

(Start: 39 @15829 has 116 MA's), (Start: 65 @15970 has 23 MA's), (Start: 68 @15988 has 1 MA's), (108, 16195), (118, 16234), (124, 16264), (147, 16381), (152, 16408), (159, 16471), (168, 16534), (174, 16579), (181, 16621), (191, 16705), (221, 16912), (233, 16972), (245, 17023), (261, 17068), (285, 17146), (302, 17179), (305, 17185), (346, 17353), (350, 17374), (357, 17398), (372, 17458), (373, 17464), (375, 17467), (385, 17518), (395, 17566), (407, 17632), (436, 17797), (439, 17815), (481, 17941), (521, 18193), (523, 18196), (525, 18205), (535, 18265), (546, 18361), (550, 18409),

Gene: PhrostyMug_24 Start: 16398, Stop: 18878, Start Num: 40

Candidate Starts for PhrostyMug_24:

(Start: 40 @16398 has 174 MA's), (45, 16437), (59, 16500), (Start: 65 @16530 has 23 MA's), (74, 16572), (143, 16779), (147, 16797), (159, 16887), (168, 16950), (172, 16974), (173, 16986), (181, 17037), (243, 17421), (274, 17523), (286, 17562), (291, 17589), (306, 17613), (336, 17742), (366, 17841), (391, 17943), (395, 17964), (401, 18006), (420, 18105), (432, 18168), (489, 18387), (499, 18420), (535, 18702), (544, 18789), (548, 18828), (549, 18843),

Gene: PinkPlastic_23 Start: 16163, Stop: 18640, Start Num: 40

Candidate Starts for PinkPlastic_23:

(Start: 40 @16163 has 174 MA's), (45, 16202), (59, 16265), (64, 16283), (Start: 65 @16295 has 23 MA's), (69, 16316), (106, 16376), (128, 16472), (143, 16541), (145, 16553), (159, 16649), (163, 16682), (243, 17183), (274, 17285), (286, 17324), (289, 17339), (291, 17351), (306, 17375), (336, 17504), (366, 17603), (391, 17705), (395, 17726), (401, 17768), (420, 17867), (432, 17930), (458,

18020), (489, 18149), (499, 18182), (535, 18464), (542, 18530), (544, 18551), (548, 18590), (549, 18605),

Gene: Pinto_26 Start: 16466, Stop: 18934, Start Num: 40

Candidate Starts for Pinto_26:

(Start: 40 @16466 has 174 MA's), (44, 16481), (Start: 65 @16595 has 23 MA's), (69, 16616), (74, 16637), (105, 16667), (110, 16691), (114, 16712), (126, 16757), (159, 16955), (163, 16988), (173, 17054), (205, 17309), (210, 17330), (214, 17357), (248, 17516), (261, 17552), (289, 17645), (295, 17666), (306, 17681), (310, 17702), (311, 17705), (330, 17774), (336, 17810), (345, 17843), (352, 17879), (366, 17909), (375, 17945), (391, 18011), (395, 18032), (420, 18173), (453, 18314), (465, 18335), (497, 18470), (520, 18647), (535, 18758), (542, 18824), (544, 18845), (548, 18884),

Gene: Pipcraft_25 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for Pipcraft_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Pippin_26 Start: 16733, Stop: 19204, Start Num: 40

Candidate Starts for Pippin_26:

(Start: 40 @16733 has 174 MA's), (45, 16772), (59, 16835), (Start: 65 @16865 has 23 MA's), (69, 16886), (74, 16907), (78, 16919), (105, 16937), (110, 16961), (140, 17099), (147, 17135), (159, 17225), (163, 17258), (173, 17324), (205, 17579), (210, 17600), (214, 17627), (216, 17642), (232, 17723), (248, 17786), (261, 17822), (289, 17915), (295, 17936), (306, 17951), (310, 17972), (311, 17975), (330, 18044), (336, 18080), (345, 18113), (352, 18149), (366, 18179), (375, 18215), (391, 18281), (395, 18302), (420, 18443), (453, 18584), (465, 18605), (497, 18740), (520, 18917), (535, 19028), (542, 19094), (544, 19115), (548, 19154), (549, 19169),

Gene: Pita2_26 Start: 16832, Stop: 19303, Start Num: 40

Candidate Starts for Pita2_26:

(Start: 40 @16832 has 174 MA's), (45, 16871), (59, 16934), (Start: 65 @16964 has 23 MA's), (69, 16985), (74, 17006), (78, 17018), (105, 17036), (126, 17126), (159, 17324), (163, 17357), (173, 17423), (205, 17678), (210, 17699), (214, 17726), (248, 17885), (261, 17921), (289, 18014), (295, 18035), (315, 18092), (345, 18212), (352, 18248), (366, 18278), (375, 18314), (391, 18380), (395, 18401), (420, 18542), (453, 18683), (465, 18704), (497, 18839), (520, 19016), (535, 19127), (542, 19193), (544, 19214), (548, 19253), (549, 19268),

Gene: Pmask_29 Start: 16729, Stop: 18933, Start Num: 53

Candidate Starts for Pmask_29:

(32, 16570), (46, 16684), (Start: 53 @16729 has 49 MA's), (73, 16840), (74, 16846), (93, 16954), (99, 16996), (127, 17119), (134, 17155), (141, 17182), (159, 17305), (163, 17338), (176, 17428), (187, 17497), (222, 17740), (315, 17878), (360, 17998), (405, 18151), (420, 18214), (429, 18256), (457, 18355), (462, 18376), (468, 18397), (475, 18418), (484, 18469), (486, 18481), (490, 18496), (508, 18577), (516, 18655),

Gene: Polymorphads_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Polymorphads_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (221, 16965), (233, 17025), (245, 17076), (261, 17121),

(285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Polyphemus_29 Start: 16727, Stop: 18931, Start Num: 53

Candidate Starts for Polyphemus_29:

(32, 16568), (46, 16682), (Start: 53 @16727 has 49 MA's), (73, 16838), (93, 16952), (99, 16994), (127, 17117), (134, 17153), (141, 17180), (159, 17303), (163, 17336), (176, 17426), (187, 17495), (222, 17738), (315, 17876), (360, 17996), (405, 18149), (420, 18212), (429, 18254), (457, 18353), (462, 18374), (468, 18395), (475, 18416), (484, 18467), (486, 18479), (490, 18494), (508, 18575), (516, 18653),

Gene: Poompha_24 Start: 13787, Stop: 16519, Start Num: 57

Candidate Starts for Poompha_24:

(Start: 57 @13787 has 8 MA's), (Start: 92 @13964 has 9 MA's), (108, 14039), (110, 14051), (145, 14213), (149, 14234), (152, 14246), (155, 14276), (159, 14309), (165, 14354), (168, 14372), (170, 14387), (172, 14396), (174, 14417), (190, 14522), (195, 14564), (217, 14729), (252, 14891), (257, 14918), (285, 15095), (289, 15140), (297, 15215), (304, 15263), (305, 15266), (308, 15287), (309, 15290), (321, 15335), (339, 15410), (340, 15413), (345, 15434), (349, 15458), (367, 15524), (373, 15554), (376, 15566), (389, 15620), (394, 15653), (397, 15668), (407, 15722), (420, 15797), (434, 15875), (436, 15887), (439, 15905), (449, 15944), (458, 15956), (462, 15968), (478, 16010), (479, 16022), (481, 16034), (485, 16049), (491, 16070), (495, 16082), (525, 16295), (535, 16355), (541, 16400), (546, 16451), (550, 16499),

Gene: Priamo_29 Start: 16751, Stop: 18982, Start Num: 53

Candidate Starts for Priamo_29:

(32, 16595), (46, 16706), (Start: 53 @16751 has 49 MA's), (73, 16862), (74, 16868), (99, 17018), (134, 17177), (141, 17204), (158, 17324), (159, 17327), (163, 17360), (176, 17450), (187, 17519), (215, 17720), (222, 17765), (342, 17969), (360, 18023), (400, 18146), (420, 18245), (421, 18254), (426, 18275), (435, 18320), (437, 18332), (490, 18539), (496, 18557), (512, 18659), (513, 18668), (516, 18698),

Gene: ProMouse_23 Start: 16852, Stop: 19323, Start Num: 40

Candidate Starts for ProMouse_23:

(Start: 40 @16852 has 174 MA's), (45, 16891), (59, 16954), (Start: 65 @16984 has 23 MA's), (69, 17005), (74, 17026), (105, 17056), (108, 17068), (110, 17080), (126, 17146), (159, 17344), (163, 17377), (173, 17443), (205, 17698), (210, 17719), (214, 17746), (248, 17905), (261, 17941), (289, 18034), (295, 18055), (306, 18070), (310, 18091), (311, 18094), (330, 18163), (336, 18199), (345, 18232), (352, 18268), (366, 18298), (375, 18334), (391, 18400), (395, 18421), (401, 18463), (420, 18562), (453, 18703), (465, 18724), (497, 18859), (520, 19036), (535, 19147), (544, 19234), (548, 19273), (549, 19288),

Gene: Pukovnik_28 Start: 18254, Stop: 20650, Start Num: 58

Candidate Starts for Pukovnik_28:

(Start: 58 @18254 has 6 MA's), (Start: 62 @18272 has 5 MA's), (67, 18305), (69, 18311), (89, 18407), (97, 18449), (133, 18605), (136, 18617), (137, 18620), (142, 18650), (143, 18659), (150, 18695), (152, 18704), (159, 18767), (163, 18800), (170, 18845), (173, 18866), (174, 18875), (190, 18980), (205, 19121), (239, 19289), (241, 19301), (264, 19367), (265, 19373), (281, 19424), (312, 19535), (320, 19553), (358, 19709), (376, 19763), (387, 19799), (396, 19850), (408, 19910), (414, 19943), (416, 19955), (421, 19988), (422, 19991), (451, 20129), (461, 20141), (478, 20183), (489, 20219), (492, 20231), (494, 20237), (527, 20447),

Gene: Pumbaa_25 Start: 15860, Stop: 18460, Start Num: 39

Candidate Starts for Pumbaa_25:

(Start: 39 @15860 has 116 MA's), (Start: 65 @16001 has 23 MA's), (Start: 68 @16019 has 1 MA's), (108, 16226), (118, 16265), (124, 16295), (147, 16412), (152, 16439), (159, 16502), (168, 16565), (174, 16610), (181, 16652), (191, 16736), (233, 17003), (245, 17054), (261, 17099), (285, 17177), (305, 17216), (334, 17330), (346, 17384), (357, 17429), (372, 17489), (376, 17507), (385, 17549), (395, 17597), (407, 17663), (436, 17828), (439, 17846), (481, 17972), (521, 18224), (523, 18227), (525, 18236), (535, 18296), (546, 18392), (550, 18440),

Gene: Puppet_24 Start: 16402, Stop: 18882, Start Num: 40

Candidate Starts for Puppet_24:

(Start: 40 @16402 has 174 MA's), (45, 16441), (59, 16504), (Start: 65 @16534 has 23 MA's), (74, 16576), (143, 16783), (147, 16801), (159, 16891), (168, 16954), (172, 16978), (173, 16990), (181, 17041), (243, 17425), (274, 17527), (286, 17566), (306, 17617), (336, 17746), (366, 17845), (391, 17947), (395, 17968), (397, 17980), (401, 18010), (420, 18109), (432, 18172), (489, 18391), (499, 18424), (535, 18706), (542, 18772), (544, 18793), (548, 18832), (549, 18847),

Gene: Rajelicia_24 Start: 16599, Stop: 18599, Start Num: 40

Candidate Starts for Rajelicia_24:

(Start: 40 @16599 has 174 MA's), (45, 16638), (59, 16701), (Start: 65 @16731 has 23 MA's), (69, 16752), (106, 16812), (128, 16908), (137, 16947), (143, 16977), (145, 16989), (159, 17085), (163, 17118), (196, 17352), (235, 17577), (249, 17640), (289, 17742), (293, 17754), (328, 17832), (337, 17874), (361, 17928), (366, 17940), (370, 17955), (373, 17973), (376, 17985), (397, 18063), (401, 18093), (410, 18138), (420, 18189), (477, 18399), (509, 18549),

Gene: Ravana_29 Start: 15884, Stop: 18073, Start Num: 82

Candidate Starts for Ravana_29:

(Start: 47 @15707 has 1 MA's), (Start: 49 @15716 has 4 MA's), (Start: 82 @15884 has 17 MA's), (130, 16127), (132, 16133), (146, 16202), (154, 16259), (174, 16403), (181, 16445), (188, 16493), (189, 16496), (199, 16607), (202, 16625), (222, 16730), (232, 16778), (282, 16883), (307, 16943), (327, 16997), (335, 17033), (341, 17057), (344, 17066), (360, 17129), (366, 17150), (370, 17165), (377, 17189), (381, 17201), (395, 17255), (398, 17276), (403, 17306), (438, 17477), (440, 17498), (475, 17582), (528, 17885), (546, 18008), (547, 18020),

Gene: ReMo_28 Start: 15923, Stop: 18109, Start Num: 82

Candidate Starts for ReMo_28:

(Start: 47 @15746 has 1 MA's), (Start: 49 @15755 has 4 MA's), (Start: 82 @15923 has 17 MA's), (130, 16163), (132, 16169), (146, 16238), (154, 16295), (174, 16439), (181, 16481), (188, 16529), (189, 16532), (199, 16643), (202, 16661), (222, 16766), (232, 16814), (282, 16919), (307, 16979), (327, 17033), (335, 17069), (341, 17093), (344, 17102), (360, 17165), (366, 17186), (370, 17201), (377, 17225), (381, 17237), (395, 17291), (398, 17312), (403, 17342), (438, 17513), (440, 17534), (475, 17618), (528, 17921), (546, 18044), (547, 18056),

Gene: Rebeuca_26 Start: 15880, Stop: 18621, Start Num: 57

Candidate Starts for Rebeuca_26:

(Start: 57 @15880 has 8 MA's), (Start: 92 @16057 has 9 MA's), (96, 16078), (109, 16135), (119, 16183), (122, 16204), (124, 16210), (128, 16234), (132, 16249), (139, 16279), (152, 16354), (153, 16363), (158, 16414), (159, 16417), (168, 16480), (170, 16495), (173, 16516), (174, 16525), (190, 16630), (195, 16672), (257, 17026), (285, 17194), (297, 17314), (302, 17359), (304, 17362), (305, 17365), (308, 17386), (309, 17389), (321, 17434), (346, 17542), (350, 17563), (354, 17575), (367, 17623), (375, 17656), (389, 17719), (401, 17797), (407, 17821), (420, 17896), (430, 17962), (436, 17986), (439, 18004), (462, 18070), (472, 18100), (479, 18124), (481, 18136), (485, 18151), (491, 18172), (495, 18184), (525, 18397), (532, 18433), (534, 18454), (535, 18457), (546, 18553), (550, 18601),

Gene: Relief_25 Start: 15883, Stop: 18483, Start Num: 39

Candidate Starts for Relief_25:

(Start: 39 @15883 has 116 MA's), (Start: 65 @16024 has 23 MA's), (Start: 68 @16042 has 1 MA's), (108, 16249), (118, 16288), (124, 16318), (147, 16435), (152, 16462), (159, 16525), (168, 16588), (174, 16633), (181, 16675), (191, 16759), (233, 17026), (245, 17077), (261, 17122), (285, 17200), (305, 17239), (346, 17407), (350, 17428), (357, 17452), (373, 17518), (385, 17572), (395, 17620), (407, 17686), (436, 17851), (439, 17869), (481, 17995), (521, 18247), (523, 18250), (525, 18259), (535, 18319), (546, 18415), (550, 18463),

Gene: Remus_28 Start: 15884, Stop: 18073, Start Num: 82

Candidate Starts for Remus_28:

(Start: 47 @15707 has 1 MA's), (Start: 49 @15716 has 4 MA's), (Start: 82 @15884 has 17 MA's), (130, 16127), (132, 16133), (146, 16202), (154, 16259), (174, 16403), (181, 16445), (188, 16493), (189, 16496), (199, 16607), (202, 16625), (222, 16730), (232, 16778), (282, 16883), (307, 16943), (327, 16997), (335, 17033), (341, 17057), (344, 17066), (360, 17129), (366, 17150), (370, 17165), (377, 17189), (381, 17201), (395, 17255), (398, 17276), (403, 17306), (438, 17477), (440, 17498), (475, 17582), (528, 17885), (546, 18008), (547, 18020),

Gene: RhynO_26 Start: 16026, Stop: 18581, Start Num: 92

Candidate Starts for RhynO_26:

(Start: 57 @15849 has 8 MA's), (Start: 92 @16026 has 9 MA's), (96, 16047), (109, 16104), (129, 16200), (132, 16209), (152, 16314), (154, 16341), (159, 16377), (170, 16455), (172, 16464), (174, 16485), (179, 16512), (190, 16590), (195, 16632), (217, 16797), (248, 16947), (252, 16959), (285, 17154), (297, 17274), (302, 17319), (304, 17322), (305, 17325), (308, 17346), (309, 17349), (321, 17394), (331, 17430), (334, 17448), (339, 17469), (346, 17502), (375, 17616), (389, 17679), (401, 17757), (407, 17781), (420, 17856), (430, 17922), (436, 17946), (439, 17964), (472, 18060), (479, 18084), (481, 18096), (485, 18111), (491, 18132), (495, 18144), (525, 18357), (532, 18393), (534, 18414), (535, 18417), (546, 18513), (550, 18561),

Gene: Rhynn_24 Start: 16407, Stop: 18887, Start Num: 40

Candidate Starts for Rhynn_24:

(Start: 40 @16407 has 174 MA's), (45, 16446), (59, 16509), (Start: 65 @16539 has 23 MA's), (74, 16581), (143, 16788), (147, 16806), (159, 16896), (168, 16959), (172, 16983), (173, 16995), (181, 17046), (243, 17430), (274, 17532), (286, 17571), (291, 17598), (306, 17622), (366, 17850), (391, 17952), (394, 17970), (395, 17973), (401, 18015), (420, 18114), (432, 18177), (489, 18396), (499, 18429), (535, 18711), (542, 18777), (544, 18798), (548, 18837), (549, 18852),

Gene: RidgeCB_24 Start: 16182, Stop: 18662, Start Num: 40

Candidate Starts for RidgeCB_24:

(Start: 40 @16182 has 174 MA's), (45, 16221), (59, 16284), (Start: 65 @16314 has 23 MA's), (74, 16356), (143, 16563), (147, 16581), (159, 16671), (168, 16734), (172, 16758), (173, 16770), (181, 16821), (243, 17205), (274, 17307), (286, 17346), (291, 17373), (306, 17397), (336, 17526), (366, 17625), (391, 17727), (395, 17748), (397, 17760), (401, 17790), (420, 17889), (432, 17952), (489, 18171), (499, 18204), (535, 18486), (539, 18528), (544, 18573), (548, 18612), (549, 18627),

Gene: Rifter_29 Start: 16706, Stop: 18922, Start Num: 53

Candidate Starts for Rifter_29:

(46, 16661), (Start: 53 @16706 has 49 MA's), (73, 16817), (74, 16823), (99, 16973), (132, 17120), (134, 17132), (158, 17279), (159, 17282), (163, 17315), (176, 17405), (187, 17474), (196, 17549), (222, 17717), (360, 17975), (374, 18020), (405, 18128), (420, 18191), (429, 18233), (457, 18332), (462, 18353), (475, 18395), (484, 18446), (490, 18473), (508, 18554), (516, 18644),

Gene: RockieBear_24 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for RockieBear_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (141, 16404), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Rohr_25 Start: 16604, Stop: 19084, Start Num: 40

Candidate Starts for Rohr_25:

(Start: 40 @16604 has 174 MA's), (45, 16643), (59, 16706), (Start: 65 @16736 has 23 MA's), (74, 16778), (143, 16985), (147, 17003), (159, 17093), (168, 17156), (172, 17180), (173, 17192), (181, 17243), (243, 17627), (274, 17729), (286, 17768), (289, 17783), (291, 17795), (306, 17819), (336, 17948), (366, 18047), (391, 18149), (395, 18170), (401, 18212), (420, 18311), (432, 18374), (458, 18464), (489, 18593), (499, 18626), (535, 18908), (542, 18974), (544, 18995), (548, 19034), (549, 19049),

Gene: Roksolana_29 Start: 16734, Stop: 18950, Start Num: 53

Candidate Starts for Roksolana_29:

(46, 16689), (Start: 53 @16734 has 49 MA's), (73, 16845), (99, 17001), (132, 17148), (134, 17160), (158, 17307), (159, 17310), (163, 17343), (176, 17433), (187, 17502), (196, 17577), (222, 17745), (360, 18003), (374, 18048), (405, 18156), (420, 18219), (429, 18261), (457, 18360), (462, 18381), (475, 18423), (484, 18474), (490, 18501), (508, 18582), (516, 18672),

Gene: Romney_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Romney_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (331, 17337), (332, 17346), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Roosevelt_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Roosevelt_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (331, 17337), (332, 17346), (346, 17409), (350, 17430), (358, 17457), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Rosa24_24 Start: 16016, Stop: 18457, Start Num: 68

Candidate Starts for Rosa24_24:

(Start: 39 @15857 has 116 MA's), (Start: 65 @15998 has 23 MA's), (Start: 68 @16016 has 1 MA's), (98, 16172), (108, 16223), (118, 16262), (124, 16292), (147, 16409), (152, 16436), (159, 16499), (168, 16562), (174, 16607), (181, 16649), (191, 16733), (233, 17000), (245, 17051), (261, 17096), (285, 17174), (302, 17207), (305, 17213), (334, 17327), (346, 17381), (357, 17426), (372, 17486), (385, 17546), (407, 17660), (436, 17825), (439, 17843), (481, 17969), (521, 18221), (523, 18224), (525, 18233), (534, 18290), (535, 18293), (541, 18338), (546, 18389), (550, 18437),

Gene: Rosalind_28 Start: 16045, Stop: 18231, Start Num: 82

Candidate Starts for Rosalind_28:

(Start: 47 @15868 has 1 MA's), (Start: 49 @15877 has 4 MA's), (Start: 82 @16045 has 17 MA's), (130, 16285), (132, 16291), (146, 16360), (154, 16417), (174, 16561), (181, 16603), (188, 16651), (189, 16654), (199, 16765), (202, 16783), (222, 16888), (232, 16936), (282, 17041), (307, 17101), (327, 17155), (335, 17191), (341, 17215), (344, 17224), (360, 17287), (366, 17308), (370, 17323), (377, 17347), (381, 17359), (395, 17413), (398, 17434), (403, 17464), (438, 17635), (440, 17656), (475, 17740), (528, 18043), (546, 18166), (547, 18178),

Gene: Rowdy_29 Start: 15937, Stop: 18492, Start Num: 92

Candidate Starts for Rowdy_29:

(Start: 57 @15760 has 8 MA's), (Start: 92 @15937 has 9 MA's), (96, 15958), (109, 16015), (129, 16111), (132, 16120), (152, 16225), (154, 16252), (159, 16288), (170, 16366), (172, 16375), (174, 16396), (179, 16423), (190, 16501), (195, 16543), (217, 16708), (248, 16858), (252, 16870), (285, 17065), (297, 17185), (302, 17230), (304, 17233), (305, 17236), (308, 17257), (309, 17260), (321, 17305), (331, 17341), (334, 17359), (339, 17380), (346, 17413), (375, 17527), (389, 17590), (401, 17668), (407, 17692), (420, 17767), (430, 17833), (436, 17857), (439, 17875), (472, 17971), (479, 17995), (481, 18007), (485, 18022), (491, 18043), (495, 18055), (525, 18268), (532, 18304), (534, 18325), (535, 18328), (546, 18424), (550, 18472),

Gene: Rubeus_25 Start: 16439, Stop: 18922, Start Num: 40

Candidate Starts for Rubeus_25:

(Start: 40 @16439 has 174 MA's), (45, 16478), (59, 16541), (Start: 65 @16571 has 23 MA's), (69, 16592), (74, 16613), (105, 16643), (110, 16667), (126, 16733), (159, 16931), (163, 16964), (173, 17030), (205, 17285), (210, 17306), (214, 17333), (248, 17492), (261, 17528), (289, 17621), (295, 17642), (315, 17699), (345, 17819), (352, 17855), (366, 17885), (375, 17921), (391, 17987), (395, 18008), (401, 18050), (420, 18149), (432, 18212), (458, 18302), (489, 18431), (499, 18464), (535, 18746), (542, 18812), (544, 18833), (548, 18872), (550, 18902),

Gene: Rufus_25 Start: 16775, Stop: 19246, Start Num: 40

Candidate Starts for Rufus_25:

(Start: 40 @16775 has 174 MA's), (45, 16814), (59, 16877), (Start: 65 @16907 has 23 MA's), (69, 16928), (74, 16949), (78, 16961), (105, 16979), (126, 17069), (159, 17267), (163, 17300), (173, 17366), (205, 17621), (210, 17642), (214, 17669), (248, 17828), (261, 17864), (289, 17957), (295, 17978), (315, 18035), (345, 18155), (352, 18191), (366, 18221), (375, 18257), (391, 18323), (395, 18344), (420, 18485), (453, 18626), (465, 18647), (497, 18782), (520, 18959), (535, 19070), (542, 19136), (544, 19157), (548, 19196), (549, 19211),

Gene: Ruin_25 Start: 15881, Stop: 18481, Start Num: 39

Candidate Starts for Ruin_25:

(Start: 39 @15881 has 116 MA's), (Start: 65 @16022 has 23 MA's), (108, 16247), (118, 16286), (124, 16316), (147, 16433), (152, 16460), (159, 16523), (168, 16586), (174, 16631), (181, 16673), (191, 16757), (233, 17024), (245, 17075), (261, 17120), (285, 17198), (305, 17237), (346, 17405), (350, 17426), (357, 17450), (373, 17516), (385, 17570), (395, 17618), (407, 17684), (436, 17849), (439, 17867), (481, 17993), (521, 18245), (523, 18248), (525, 18257), (535, 18317), (546, 18413), (550, 18461),

Gene: Rutherferd_26 Start: 17013, Stop: 19493, Start Num: 40

Candidate Starts for Rutherferd_26:

(Start: 40 @17013 has 174 MA's), (45, 17052), (59, 17115), (Start: 65 @17145 has 23 MA's), (74, 17187), (143, 17394), (147, 17412), (159, 17502), (168, 17565), (172, 17589), (173, 17601), (181, 17652), (243, 18036), (274, 18138), (286, 18177), (291, 18204), (306, 18228), (366, 18456), (391, 18558), (395, 18579), (397, 18591), (401, 18621), (419, 18717), (420, 18720), (432, 18783), (489, 19002), (499, 19035), (535, 19317), (544, 19404), (548, 19443), (549, 19458),

Gene: Sabertooth_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for Sabertooth_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (308, 17259), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Sagefire_25 Start: 17215, Stop: 19686, Start Num: 40

Candidate Starts for Sagefire_25:

(Start: 40 @17215 has 174 MA's), (45, 17254), (59, 17317), (Start: 65 @17347 has 23 MA's), (69, 17368), (74, 17389), (78, 17401), (105, 17419), (126, 17509), (159, 17707), (163, 17740), (173, 17806), (205, 18061), (210, 18082), (214, 18109), (248, 18268), (261, 18304), (289, 18397), (295, 18418), (315, 18475), (345, 18595), (352, 18631), (366, 18661), (375, 18697), (391, 18763), (395, 18784), (420, 18925), (453, 19066), (465, 19087), (497, 19222), (520, 19399), (535, 19510), (539, 19552), (544, 19597), (548, 19636), (549, 19651),

Gene: Sandaddy_23 Start: 16328, Stop: 18799, Start Num: 40

Candidate Starts for Sandaddy_23:

(Start: 40 @16328 has 174 MA's), (45, 16367), (59, 16430), (Start: 65 @16460 has 23 MA's), (69, 16481), (74, 16502), (78, 16514), (105, 16532), (126, 16622), (159, 16820), (163, 16853), (173, 16919), (205, 17174), (210, 17195), (214, 17222), (248, 17381), (261, 17417), (289, 17510), (295, 17531), (315, 17588), (345, 17708), (352, 17744), (366, 17774), (375, 17810), (391, 17876), (395, 17897), (420, 18038), (453, 18179), (465, 18200), (520, 18512), (535, 18623), (539, 18665), (544, 18710), (548, 18749), (549, 18764),

Gene: Sanya_23 Start: 16990, Stop: 19461, Start Num: 40

Candidate Starts for Sanya_23:

(Start: 40 @16990 has 174 MA's), (45, 17029), (59, 17092), (Start: 65 @17122 has 23 MA's), (69, 17143), (74, 17164), (78, 17176), (105, 17194), (126, 17284), (159, 17482), (163, 17515), (173, 17581), (205, 17836), (210, 17857), (214, 17884), (248, 18043), (261, 18079), (289, 18172), (295, 18193), (315, 18250), (345, 18370), (352, 18406), (366, 18436), (375, 18472), (391, 18538), (395, 18559), (420, 18700), (453, 18841), (465, 18862), (497, 18997), (520, 19174), (535, 19285), (542, 19351), (544, 19372), (548, 19411), (549, 19426),

Gene: SarFire_24 Start: 16468, Stop: 18939, Start Num: 40

Candidate Starts for SarFire_24:

(Start: 40 @16468 has 174 MA's), (45, 16507), (59, 16570), (Start: 65 @16600 has 23 MA's), (69, 16621), (74, 16642), (105, 16672), (110, 16696), (114, 16717), (126, 16762), (159, 16960), (163, 16993), (173, 17059), (205, 17314), (210, 17335), (214, 17362), (216, 17377), (221, 17401), (240, 17488), (248, 17521), (261, 17557), (289, 17650), (295, 17671), (306, 17686), (310, 17707), (311, 17710), (330, 17779), (336, 17815), (345, 17848), (352, 17884), (366, 17914), (375, 17950), (391, 18016), (395, 18037), (420, 18178), (453, 18319), (465, 18340), (497, 18475), (511, 18571), (520, 18652), (535, 18763), (544, 18850), (548, 18889), (549, 18904),

Gene: Scamp_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Scamp_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520),

(375, 17523), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Scorpia_23 Start: 15062, Stop: 17875, Start Num: 1

Candidate Starts for Scorpia_23:

(Start: 1 @15062 has 10 MA's), (3, 15251), (34, 15599), (51, 15734), (52, 15740), (94, 15833), (107, 15884), (113, 15920), (133, 16010), (145, 16076), (149, 16097), (159, 16172), (163, 16205), (172, 16259), (175, 16292), (176, 16295), (178, 16304), (191, 16403), (196, 16436), (212, 16565), (238, 16679), (253, 16730), (283, 16796), (328, 16889), (335, 16922), (370, 17009), (383, 17042), (385, 17054), (396, 17084), (425, 17147), (430, 17189), (445, 17261), (459, 17288), (464, 17303), (473, 17330), (479, 17351), (498, 17438), (503, 17468), (504, 17471), (511, 17531), (522, 17630), (525, 17642), (527, 17654), (528, 17663), (544, 17792), (546, 17810),

Gene: Seabiscuit_26 Start: 16399, Stop: 18867, Start Num: 40

Candidate Starts for Seabiscuit_26:

(Start: 40 @16399 has 174 MA's), (44, 16414), (Start: 65 @16528 has 23 MA's), (69, 16549), (74, 16570), (105, 16600), (110, 16624), (114, 16645), (126, 16690), (159, 16888), (163, 16921), (173, 16987), (205, 17242), (210, 17263), (214, 17290), (248, 17449), (261, 17485), (289, 17578), (295, 17599), (306, 17614), (310, 17635), (311, 17638), (330, 17707), (336, 17743), (345, 17776), (352, 17812), (366, 17842), (375, 17878), (391, 17944), (395, 17965), (401, 18007), (420, 18106), (453, 18247), (465, 18268), (497, 18403), (520, 18580), (535, 18691), (544, 18778), (548, 18817), (550, 18847),

Gene: Seanderson_25 Start: 16848, Stop: 19319, Start Num: 40

Candidate Starts for Seanderson_25:

(Start: 40 @16848 has 174 MA's), (45, 16887), (59, 16950), (Start: 65 @16980 has 23 MA's), (69, 17001), (74, 17022), (105, 17052), (110, 17076), (126, 17142), (159, 17340), (163, 17373), (173, 17439), (205, 17694), (210, 17715), (214, 17742), (221, 17781), (232, 17838), (240, 17868), (289, 18030), (295, 18051), (315, 18108), (345, 18228), (352, 18264), (366, 18294), (375, 18330), (391, 18396), (395, 18417), (420, 18558), (453, 18699), (465, 18720), (497, 18855), (520, 19032), (535, 19143), (542, 19209), (544, 19230), (548, 19269), (549, 19284),

Gene: SenorClean_25 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for SenorClean_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (141, 16404), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Severus_24 Start: 13964, Stop: 16519, Start Num: 92

Candidate Starts for Severus_24:

(Start: 57 @13787 has 8 MA's), (Start: 92 @13964 has 9 MA's), (108, 14039), (110, 14051), (145, 14213), (149, 14234), (152, 14246), (155, 14276), (159, 14309), (165, 14354), (168, 14372), (170, 14387), (172, 14396), (174, 14417), (190, 14522), (195, 14564), (217, 14729), (252, 14891), (257, 14918), (285, 15095), (289, 15140), (297, 15215), (304, 15263), (305, 15266), (308, 15287), (309, 15290), (321, 15335), (339, 15410), (340, 15413), (345, 15434), (349, 15458), (367, 15524), (373, 15554), (376, 15566), (394, 15653), (397, 15668), (407, 15722), (420, 15797), (434, 15875), (436, 15887), (449, 15944), (458, 15956), (462, 15968), (478, 16010), (479, 16022), (481, 16034), (485, 16049), (491, 16070), (495, 16082), (525, 16295), (535, 16355), (541, 16400), (546, 16451), (550, 16499),

Gene: Shaka_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Shaka_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (98, 16200), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (334, 17355), (346, 17409), (357, 17454), (372, 17514), (385, 17574), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (534, 18318), (535, 18321), (541, 18366), (546, 18417), (550, 18465),

Gene: Shapes_29 Start: 15937, Stop: 18492, Start Num: 92

Candidate Starts for Shapes_29:

(Start: 57 @15760 has 8 MA's), (Start: 92 @15937 has 9 MA's), (96, 15958), (109, 16015), (129, 16111), (132, 16120), (152, 16225), (154, 16252), (159, 16288), (170, 16366), (172, 16375), (174, 16396), (179, 16423), (190, 16501), (195, 16543), (217, 16708), (248, 16858), (252, 16870), (285, 17065), (297, 17185), (302, 17230), (304, 17233), (305, 17236), (308, 17257), (309, 17260), (321, 17305), (331, 17341), (334, 17359), (339, 17380), (346, 17413), (375, 17527), (389, 17590), (401, 17668), (407, 17692), (420, 17767), (430, 17833), (436, 17857), (439, 17875), (472, 17971), (479, 17995), (481, 18007), (485, 18022), (491, 18043), (495, 18055), (525, 18268), (532, 18304), (534, 18325), (535, 18328), (546, 18424), (550, 18472),

Gene: ShayRa_29 Start: 16045, Stop: 18231, Start Num: 82

Candidate Starts for ShayRa_29:

(Start: 47 @15868 has 1 MA's), (Start: 49 @15877 has 4 MA's), (Start: 82 @16045 has 17 MA's), (130, 16285), (132, 16291), (146, 16360), (154, 16417), (174, 16561), (181, 16603), (188, 16651), (189, 16654), (199, 16765), (202, 16783), (222, 16888), (232, 16936), (282, 17041), (307, 17101), (327, 17155), (335, 17191), (341, 17215), (344, 17224), (360, 17287), (366, 17308), (370, 17323), (377, 17347), (381, 17359), (395, 17413), (398, 17434), (403, 17464), (438, 17635), (440, 17656), (475, 17740), (528, 18043), (546, 18166), (547, 18178),

Gene: Sheen_27 Start: 17618, Stop: 20998, Start Num: 7

Candidate Starts for Sheen_27:

(Start: 7 @17618 has 4 MA's), (30, 18005), (37, 18062), (41, 18089), (50, 18170), (55, 18194), (59, 18206), (70, 18257), (88, 18353), (95, 18404), (129, 18587), (131, 18593), (139, 18626), (140, 18638), (155, 18731), (157, 18752), (159, 18764), (182, 18920), (185, 18944), (193, 19007), (200, 19082), (206, 19124), (216, 19178), (220, 19199), (228, 19256), (230, 19262), (231, 19265), (251, 19349), (255, 19364), (261, 19391), (263, 19397), (276, 19490), (278, 19502), (279, 19505), (298, 19655), (300, 19670), (304, 19688), (308, 19712), (313, 19730), (314, 19733), (316, 19739), (343, 19844), (354, 19907), (355, 19910), (370, 19967), (371, 19973), (382, 20021), (389, 20051), (401, 20129), (404, 20141), (406, 20150), (424, 20249), (436, 20318), (439, 20336), (460, 20420), (463, 20432), (467, 20444), (480, 20495), (483, 20516), (497, 20567), (503, 20600), (513, 20681), (517, 20714), (520, 20744), (527, 20786), (532, 20810), (540, 20876), (542, 20891), (543, 20897), (548, 20948),

Gene: SheldonCooper_26 Start: 16197, Stop: 18797, Start Num: 39

Candidate Starts for SheldonCooper_26:

(Start: 39 @16197 has 116 MA's), (Start: 65 @16338 has 23 MA's), (Start: 68 @16356 has 1 MA's), (98, 16512), (108, 16563), (124, 16632), (147, 16749), (152, 16776), (159, 16839), (168, 16902), (174, 16947), (181, 16989), (191, 17073), (221, 17280), (233, 17340), (245, 17391), (261, 17436), (285, 17514), (302, 17547), (305, 17553), (346, 17721), (350, 17742), (357, 17766), (372, 17826), (373, 17832), (375, 17835), (385, 17886), (395, 17934), (407, 18000), (436, 18165), (439, 18183), (481, 18309), (521, 18561), (523, 18564), (525, 18573), (534, 18630), (535, 18633), (541, 18678), (546, 18729), (550, 18777),

Gene: ShortQueendom_23 Start: 16288, Stop: 18759, Start Num: 40

Candidate Starts for ShortQueendom_23:

(Start: 40 @16288 has 174 MA's), (45, 16327), (59, 16390), (Start: 65 @16420 has 23 MA's), (69, 16441), (74, 16462), (78, 16474), (105, 16492), (126, 16582), (159, 16780), (163, 16813), (173, 16879), (205, 17134), (210, 17155), (214, 17182), (248, 17341), (261, 17377), (289, 17470), (295, 17491), (315, 17548), (336, 17635), (345, 17668), (352, 17704), (366, 17734), (375, 17770), (391, 17836), (395, 17857), (420, 17998), (453, 18139), (465, 18160), (497, 18295), (520, 18472), (535, 18583), (539, 18625), (544, 18670), (548, 18709), (549, 18724),

Gene: Shygu2_25 Start: 15876, Stop: 18476, Start Num: 39

Candidate Starts for Shygu2_25:

(Start: 39 @15876 has 116 MA's), (98, 16191), (102, 16218), (112, 16266), (127, 16323), (147, 16428), (149, 16443), (159, 16518), (174, 16626), (177, 16647), (181, 16668), (233, 17019), (245, 17070), (260, 17112), (261, 17115), (302, 17226), (305, 17232), (338, 17364), (346, 17400), (358, 17448), (385, 17565), (407, 17679), (436, 17844), (439, 17862), (479, 17976), (481, 17988), (505, 18078), (514, 18171), (523, 18243), (525, 18252), (535, 18312), (536, 18321), (546, 18408), (550, 18456),

Gene: Sibs6_26 Start: 16924, Stop: 19404, Start Num: 40

Candidate Starts for Sibs6_26:

(Start: 40 @16924 has 174 MA's), (45, 16963), (59, 17026), (Start: 65 @17056 has 23 MA's), (74, 17098), (143, 17305), (147, 17323), (159, 17413), (168, 17476), (172, 17500), (173, 17512), (181, 17563), (243, 17947), (274, 18049), (286, 18088), (289, 18103), (291, 18115), (306, 18139), (336, 18268), (366, 18367), (391, 18469), (395, 18490), (401, 18532), (420, 18631), (432, 18694), (458, 18784), (489, 18913), (499, 18946), (535, 19228), (542, 19294), (544, 19315), (548, 19354), (550, 19384),

Gene: SkiPole_26 Start: 16553, Stop: 19165, Start Num: 40

Candidate Starts for SkiPole_26:

(Start: 40 @16553 has 174 MA's), (45, 16592), (59, 16655), (60, 16661), (Start: 65 @16685 has 23 MA's), (74, 16727), (86, 16778), (143, 17066), (147, 17084), (159, 17174), (168, 17237), (172, 17261), (173, 17273), (181, 17324), (243, 17708), (274, 17810), (286, 17849), (289, 17864), (291, 17876), (306, 17900), (325, 17975), (336, 18029), (366, 18128), (391, 18230), (395, 18251), (396, 18260), (401, 18293), (415, 18368), (420, 18392), (432, 18455), (465, 18566), (478, 18608), (489, 18674), (499, 18707), (535, 18989), (544, 19076), (548, 19115), (549, 19130),

Gene: Skipitt_25 Start: 16023, Stop: 18482, Start Num: 65

Candidate Starts for Skipitt_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (331, 17334), (332, 17343), (346, 17406), (350, 17427), (358, 17454), (372, 17511), (373, 17517), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Slagathor_25 Start: 16276, Stop: 18747, Start Num: 40

Candidate Starts for Slagathor_25:

(Start: 40 @16276 has 174 MA's), (45, 16315), (59, 16378), (Start: 65 @16408 has 23 MA's), (69, 16429), (74, 16450), (78, 16462), (105, 16480), (110, 16504), (126, 16570), (159, 16768), (163, 16801), (173, 16867), (205, 17122), (210, 17143), (214, 17170), (248, 17329), (261, 17365), (289, 17458), (295, 17479), (315, 17536), (345, 17656), (352, 17692), (366, 17722), (375, 17758), (391, 17824), (395, 17845), (420, 17986), (453, 18127), (465, 18148), (497, 18283), (520, 18460), (535, 18571), (542, 18637), (544, 18658), (548, 18697), (549, 18712),

Gene: Smairt_25 Start: 17108, Stop: 19579, Start Num: 40

Candidate Starts for Smairt_25:

(Start: 40 @17108 has 174 MA's), (45, 17147), (59, 17210), (Start: 65 @17240 has 23 MA's), (69, 17261), (74, 17282), (78, 17294), (105, 17312), (126, 17402), (159, 17600), (163, 17633), (173, 17699), (205, 17954), (210, 17975), (214, 18002), (248, 18161), (261, 18197), (289, 18290), (295, 18311), (315, 18368), (345, 18488), (352, 18524), (366, 18554), (375, 18590), (391, 18656), (395, 18677), (420, 18818), (453, 18959), (465, 18980), (497, 19115), (520, 19292), (535, 19403), (544, 19490), (548, 19529), (550, 19559),

Gene: Smeagol_26 Start: 17697, Stop: 20180, Start Num: 40

Candidate Starts for Smeagol_26:

(Start: 40 @17697 has 174 MA's), (45, 17736), (59, 17799), (Start: 65 @17829 has 23 MA's), (74, 17871), (143, 18078), (159, 18186), (168, 18249), (172, 18273), (173, 18285), (181, 18336), (243, 18720), (274, 18822), (286, 18861), (291, 18888), (306, 18912), (361, 19116), (366, 19128), (370, 19143), (394, 19260), (401, 19305), (406, 19326), (407, 19329), (436, 19494), (453, 19560), (471, 19602), (489, 19689), (500, 19722), (535, 20004), (544, 20091), (548, 20130), (549, 20145),

Gene: SmellyB_29 Start: 16735, Stop: 18939, Start Num: 53

Candidate Starts for SmellyB_29:

(32, 16576), (46, 16690), (Start: 53 @16735 has 49 MA's), (73, 16846), (74, 16852), (93, 16960), (99, 17002), (112, 17068), (134, 17161), (141, 17188), (159, 17311), (163, 17344), (176, 17434), (187, 17503), (222, 17746), (315, 17884), (360, 18004), (405, 18157), (420, 18220), (429, 18262), (457, 18361), (462, 18382), (468, 18403), (475, 18424), (484, 18475), (486, 18487), (490, 18502), (508, 18583), (516, 18661),

Gene: Snazzy_22 Start: 15797, Stop: 18268, Start Num: 40

Candidate Starts for Snazzy_22:

(Start: 40 @15797 has 174 MA's), (45, 15836), (59, 15899), (Start: 65 @15929 has 23 MA's), (69, 15950), (74, 15971), (78, 15983), (105, 16001), (126, 16091), (159, 16289), (163, 16322), (173, 16388), (205, 16643), (210, 16664), (214, 16691), (248, 16850), (261, 16886), (289, 16979), (295, 17000), (315, 17057), (345, 17177), (352, 17213), (366, 17243), (375, 17279), (391, 17345), (395, 17366), (420, 17507), (453, 17648), (465, 17669), (497, 17804), (520, 17981), (535, 18092), (544, 18179), (548, 18218),

Gene: Solon_24 Start: 16959, Stop: 19430, Start Num: 40

Candidate Starts for Solon_24:

(Start: 40 @16959 has 174 MA's), (45, 16998), (59, 17061), (Start: 65 @17091 has 23 MA's), (69, 17112), (74, 17133), (78, 17145), (105, 17163), (126, 17253), (159, 17451), (163, 17484), (173, 17550), (205, 17805), (210, 17826), (214, 17853), (248, 18012), (261, 18048), (289, 18141), (295, 18162), (315, 18219), (345, 18339), (352, 18375), (366, 18405), (375, 18441), (391, 18507), (395, 18528), (420, 18669), (453, 18810), (465, 18831), (497, 18966), (520, 19143), (535, 19254), (542, 19320), (544, 19341), (548, 19380), (549, 19395),

Gene: SororFago_25 Start: 15738, Stop: 18149, Start Num: 56

Candidate Starts for SororFago_25:

(Start: 56 @15738 has 1 MA's), (Start: 62 @15759 has 5 MA's), (67, 15792), (89, 15894), (97, 15936), (105, 15978), (118, 16029), (137, 16119), (152, 16203), (159, 16266), (163, 16299), (169, 16332), (172, 16353), (174, 16374), (181, 16416), (190, 16479), (205, 16620), (239, 16788), (240, 16794), (245, 16818), (268, 16878), (320, 17052), (396, 17349), (408, 17409), (414, 17442), (416, 17454), (421, 17487), (423, 17496), (431, 17547), (451, 17628), (461, 17640), (469, 17664), (489, 17718), (492, 17730), (512, 17835), (527, 17946), (538, 18021), (547, 18087), (550, 18123),

Gene: Sorpresa_24 Start: 16328, Stop: 18799, Start Num: 40

Candidate Starts for Sorpresa_24:

(Start: 40 @16328 has 174 MA's), (45, 16367), (59, 16430), (Start: 65 @16460 has 23 MA's), (69, 16481), (74, 16502), (78, 16514), (105, 16532), (126, 16622), (159, 16820), (163, 16853), (173, 16919), (205, 17174), (210, 17195), (214, 17222), (248, 17381), (261, 17417), (289, 17510), (295, 17531), (315, 17588), (345, 17708), (352, 17744), (366, 17774), (375, 17810), (391, 17876), (395, 17897), (420, 18038), (453, 18179), (465, 18200), (520, 18512), (535, 18623), (539, 18665), (544, 18710), (548, 18749), (549, 18764),

Gene: Soups_28 Start: 16045, Stop: 18231, Start Num: 82

Candidate Starts for Soups_28:

(Start: 47 @15868 has 1 MA's), (Start: 49 @15877 has 4 MA's), (Start: 82 @16045 has 17 MA's), (130, 16285), (132, 16291), (146, 16360), (154, 16417), (174, 16561), (181, 16603), (188, 16651), (189, 16654), (199, 16765), (202, 16783), (222, 16888), (232, 16936), (282, 17041), (307, 17101), (327, 17155), (335, 17191), (341, 17215), (344, 17224), (360, 17287), (366, 17308), (370, 17323), (377, 17347), (381, 17359), (395, 17413), (398, 17434), (403, 17464), (438, 17635), (440, 17656), (475, 17740), (528, 18043), (546, 18166), (547, 18178),

Gene: Sparxx_25 Start: 15883, Stop: 18483, Start Num: 39

Candidate Starts for Sparxx_25:

(Start: 39 @15883 has 116 MA's), (Start: 65 @16024 has 23 MA's), (Start: 68 @16042 has 1 MA's), (108, 16249), (118, 16288), (124, 16318), (147, 16435), (152, 16462), (159, 16525), (168, 16588), (174, 16633), (181, 16675), (191, 16759), (233, 17026), (245, 17077), (261, 17122), (285, 17200), (305, 17239), (308, 17260), (346, 17407), (350, 17428), (357, 17452), (372, 17512), (373, 17518), (375, 17521), (385, 17572), (395, 17620), (407, 17686), (436, 17851), (439, 17869), (481, 17995), (521, 18247), (523, 18250), (525, 18259), (535, 18319), (546, 18415), (550, 18463),

Gene: SpikeBT_26 Start: 17264, Stop: 19735, Start Num: 40

Candidate Starts for SpikeBT_26:

(Start: 40 @17264 has 174 MA's), (45, 17303), (59, 17366), (Start: 65 @17396 has 23 MA's), (69, 17417), (74, 17438), (78, 17450), (105, 17468), (126, 17558), (159, 17756), (163, 17789), (173, 17855), (205, 18110), (210, 18131), (214, 18158), (248, 18317), (261, 18353), (289, 18446), (295, 18467), (315, 18524), (336, 18611), (345, 18644), (352, 18680), (366, 18710), (375, 18746), (391, 18812), (395, 18833), (420, 18974), (453, 19115), (465, 19136), (497, 19271), (520, 19448), (535, 19559), (539, 19601), (544, 19646), (548, 19685), (549, 19700),

Gene: Spino_25 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for Spino_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Stasia_26 Start: 16324, Stop: 18924, Start Num: 39

Candidate Starts for Stasia_26:

(Start: 39 @16324 has 116 MA's), (Start: 65 @16465 has 23 MA's), (118, 16729), (124, 16759), (130, 16789), (133, 16804), (143, 16858), (147, 16876), (152, 16903), (159, 16966), (174, 17074), (240, 17494), (245, 17518), (261, 17563), (264, 17572), (346, 17848), (375, 17962), (385, 18013), (395, 18061), (400, 18094), (407, 18127), (411, 18145), (436, 18292), (439, 18310), (481, 18436), (505, 18526), (514, 18619), (523, 18691), (525, 18700), (529, 18724), (535, 18760), (536, 18769), (541, 18805), (546, 18856), (550, 18904),

Gene: SteMason_24 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for SteMason_24:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: StewieG_23 Start: 16171, Stop: 18642, Start Num: 40

Candidate Starts for StewieG_23:

(Start: 40 @16171 has 174 MA's), (45, 16210), (59, 16273), (Start: 65 @16303 has 23 MA's), (69, 16324), (74, 16345), (105, 16375), (110, 16399), (126, 16465), (159, 16663), (163, 16696), (173, 16762), (205, 17017), (210, 17038), (214, 17065), (248, 17224), (261, 17260), (289, 17353), (295, 17374), (315, 17431), (345, 17551), (352, 17587), (366, 17617), (375, 17653), (391, 17719), (395, 17740), (420, 17881), (453, 18022), (465, 18043), (497, 18178), (520, 18355), (535, 18466), (542, 18532), (544, 18553), (548, 18592), (549, 18607),

Gene: Stink_26 Start: 16165, Stop: 18765, Start Num: 39

Candidate Starts for Stink_26:

(Start: 39 @16165 has 116 MA's), (Start: 75 @16348 has 1 MA's), (102, 16507), (112, 16555), (147, 16717), (150, 16735), (159, 16807), (174, 16915), (187, 16999), (221, 17248), (240, 17335), (245, 17359), (261, 17404), (302, 17515), (305, 17521), (338, 17653), (346, 17689), (350, 17710), (358, 17737), (372, 17794), (385, 17854), (407, 17968), (436, 18133), (439, 18151), (465, 18220), (481, 18277), (515, 18466), (523, 18532), (525, 18541), (535, 18601), (536, 18610), (541, 18646), (543, 18664), (546, 18697), (550, 18745),

Gene: StrongArm_23 Start: 17348, Stop: 19819, Start Num: 40

Candidate Starts for StrongArm_23:

(Start: 40 @17348 has 174 MA's), (45, 17387), (59, 17450), (Start: 65 @17480 has 23 MA's), (69, 17501), (74, 17522), (78, 17534), (105, 17552), (110, 17576), (114, 17597), (126, 17642), (159, 17840), (163, 17873), (173, 17939), (205, 18194), (210, 18215), (214, 18242), (248, 18401), (261, 18437), (289, 18530), (295, 18551), (315, 18608), (345, 18728), (352, 18764), (366, 18794), (375, 18830), (391, 18896), (395, 18917), (420, 19058), (453, 19199), (465, 19220), (497, 19355), (520, 19532), (535, 19643), (544, 19730), (548, 19769), (550, 19799),

Gene: Strosahl_28 Start: 15884, Stop: 18073, Start Num: 82

Candidate Starts for Strosahl_28:

(Start: 47 @15707 has 1 MA's), (Start: 49 @15716 has 4 MA's), (Start: 82 @15884 has 17 MA's), (130, 16127), (132, 16133), (146, 16202), (154, 16259), (174, 16403), (181, 16445), (188, 16493), (189, 16496), (199, 16607), (202, 16625), (222, 16730), (232, 16778), (282, 16883), (307, 16943), (327, 16997), (335, 17033), (341, 17057), (344, 17066), (360, 17129), (366, 17150), (370, 17165), (377, 17189), (381, 17201), (395, 17255), (398, 17276), (403, 17306), (438, 17477), (440, 17498), (475, 17582), (528, 17885), (546, 18008), (547, 18020),

Gene: Sultana_25 Start: 15886, Stop: 18486, Start Num: 39

Candidate Starts for Sultana_25:

(Start: 39 @15886 has 116 MA's), (Start: 65 @16027 has 23 MA's), (Start: 68 @16045 has 1 MA's), (108, 16252), (118, 16291), (124, 16321), (147, 16438), (152, 16465), (159, 16528), (168, 16591), (174, 16636), (181, 16678), (191, 16762), (233, 17029), (245, 17080), (261, 17125), (285, 17203), (302, 17236), (305, 17242), (308, 17263), (346, 17410), (350, 17431), (357, 17455), (373, 17521), (385, 17575), (395, 17623), (407, 17689), (436, 17854), (439, 17872), (481, 17998), (521, 18250), (523, 18253), (525, 18262), (535, 18322), (546, 18418), (550, 18466),

Gene: Sumter_23 Start: 15910, Stop: 18390, Start Num: 40

Candidate Starts for Sumter_23:

(Start: 40 @15910 has 174 MA's), (45, 15949), (59, 16012), (Start: 65 @16042 has 23 MA's), (74, 16084), (143, 16291), (147, 16309), (159, 16399), (168, 16462), (172, 16486), (173, 16498), (181, 16549), (243, 16933), (274, 17035), (286, 17074), (291, 17101), (306, 17125), (366, 17353), (391, 17455), (395, 17476), (397, 17488), (401, 17518), (420, 17617), (432, 17680), (489, 17899), (499, 17932), (535, 18214), (544, 18301), (548, 18340), (549, 18355),

Gene: Sunhee_24 Start: 15812, Stop: 18205, Start Num: 62

Candidate Starts for Sunhee_24:

(Start: 58 @15794 has 6 MA's), (Start: 62 @15812 has 5 MA's), (67, 15845), (89, 15947), (97, 15989), (108, 16043), (133, 16157), (143, 16211), (152, 16256), (159, 16319), (163, 16352), (177, 16448), (205, 16673), (237, 16832), (245, 16871), (250, 16886), (264, 16925), (304, 17051), (320, 17111), (358, 17267), (382, 17333), (387, 17357), (396, 17408), (408, 17468), (414, 17501), (421, 17546), (423, 17555), (433, 17612), (451, 17687), (461, 17699), (469, 17723), (489, 17777), (494, 17795), (517, 17936), (527, 18005), (547, 18146),

Gene: Sunshine924_23 Start: 15894, Stop: 18374, Start Num: 40

Candidate Starts for Sunshine924_23:

(Start: 40 @15894 has 174 MA's), (45, 15933), (59, 15996), (Start: 65 @16026 has 23 MA's), (74, 16068), (143, 16275), (147, 16293), (159, 16383), (168, 16446), (172, 16470), (173, 16482), (181, 16533), (243, 16917), (274, 17019), (286, 17058), (291, 17085), (306, 17109), (336, 17238), (366, 17337), (391, 17439), (395, 17460), (397, 17472), (401, 17502), (420, 17601), (432, 17664), (489, 17883), (499, 17916), (535, 18198), (544, 18285), (548, 18324), (549, 18339),

Gene: SuperAwesome_29 Start: 16728, Stop: 18932, Start Num: 53

Candidate Starts for SuperAwesome_29:

(32, 16569), (46, 16683), (Start: 53 @16728 has 49 MA's), (73, 16839), (74, 16845), (93, 16953), (99, 16995), (112, 17061), (134, 17154), (141, 17181), (159, 17304), (163, 17337), (176, 17427), (187, 17496), (222, 17739), (315, 17877), (360, 17997), (405, 18150), (420, 18213), (429, 18255), (457, 18354), (462, 18375), (468, 18396), (475, 18417), (484, 18468), (486, 18480), (490, 18495), (508, 18576), (516, 18654),

Gene: SuperCallie99_29 Start: 16727, Stop: 18931, Start Num: 53

Candidate Starts for SuperCallie99_29:

(32, 16568), (46, 16682), (Start: 53 @16727 has 49 MA's), (73, 16838), (74, 16844), (93, 16952), (99, 16994), (127, 17117), (134, 17153), (141, 17180), (159, 17303), (163, 17336), (176, 17426), (187, 17495), (222, 17738), (315, 17876), (360, 17996), (405, 18149), (420, 18212), (429, 18254), (457, 18353), (462, 18374), (468, 18395), (475, 18416), (484, 18467), (486, 18479), (490, 18494), (508, 18575), (516, 18653),

Gene: SwissCheese_24 Start: 16366, Stop: 18837, Start Num: 40

Candidate Starts for SwissCheese_24:

(Start: 40 @16366 has 174 MA's), (45, 16405), (59, 16468), (Start: 65 @16498 has 23 MA's), (69, 16519), (74, 16540), (78, 16552), (105, 16570), (126, 16660), (159, 16858), (163, 16891), (173, 16957), (205, 17212), (210, 17233), (214, 17260), (248, 17419), (261, 17455), (289, 17548), (295, 17569), (315, 17626), (345, 17746), (352, 17782), (366, 17812), (375, 17848), (391, 17914), (395, 17935), (420, 18076), (453, 18217), (465, 18238), (497, 18373), (520, 18550), (535, 18661), (539, 18703), (544, 18748), (548, 18787),

Gene: Switzer_25 Start: 16505, Stop: 18973, Start Num: 40

Candidate Starts for Switzer_25:

(Start: 40 @16505 has 174 MA's), (44, 16520), (Start: 65 @16634 has 23 MA's), (69, 16655), (74, 16676), (105, 16706), (110, 16730), (114, 16751), (126, 16796), (159, 16994), (163, 17027), (173, 17093), (205, 17348), (210, 17369), (214, 17396), (248, 17555), (261, 17591), (289, 17684), (295, 17705), (306, 17720), (310, 17741), (311, 17744), (330, 17813), (336, 17849), (345, 17882), (352, 17918), (366, 17948), (375, 17984), (391, 18050), (395, 18071), (401, 18113), (420, 18212), (453, 18353), (465, 18374), (497, 18509), (520, 18686), (535, 18797), (544, 18884), (548, 18923), (550, 18953),

Gene: Switzerland_28 Start: 16038, Stop: 18224, Start Num: 82

Candidate Starts for Switzerland_28:

(Start: 47 @15861 has 1 MA's), (Start: 49 @15870 has 4 MA's), (Start: 82 @16038 has 17 MA's), (130, 16278), (132, 16284), (146, 16353), (154, 16410), (174, 16554), (181, 16596), (188, 16644), (189, 16647), (199, 16758), (202, 16776), (222, 16881), (232, 16929), (282, 17034), (307, 17094), (327, 17148), (335, 17184), (341, 17208), (344, 17217), (360, 17280), (366, 17301), (370, 17316), (377, 17340), (381, 17352), (395, 17406), (398, 17427), (403, 17457), (438, 17628), (440, 17649), (475, 17733), (528, 18036), (546, 18159), (547, 18171),

Gene: Swole_26 Start: 16832, Stop: 19303, Start Num: 40

Candidate Starts for Swole_26:

(Start: 40 @16832 has 174 MA's), (45, 16871), (59, 16934), (Start: 65 @16964 has 23 MA's), (69, 16985), (74, 17006), (78, 17018), (105, 17036), (126, 17126), (159, 17324), (163, 17357), (173, 17423), (205, 17678), (210, 17699), (214, 17726), (248, 17885), (261, 17921), (289, 18014), (295, 18035), (315, 18092), (345, 18212), (352, 18248), (366, 18278), (375, 18314), (391, 18380), (395, 18401), (420, 18542), (453, 18683), (465, 18704), (497, 18839), (520, 19016), (535, 19127), (542, 19193), (544, 19214), (548, 19253), (549, 19268),

Gene: Taquarus_25 Start: 15888, Stop: 18488, Start Num: 39

Candidate Starts for Taquarus_25:

(Start: 39 @15888 has 116 MA's), (Start: 65 @16029 has 23 MA's), (Start: 68 @16047 has 1 MA's), (108, 16254), (118, 16293), (124, 16323), (147, 16440), (152, 16467), (159, 16530), (168, 16593), (174, 16638), (181, 16680), (191, 16764), (233, 17031), (245, 17082), (261, 17127), (285, 17205), (305, 17244), (346, 17412), (350, 17433), (357, 17457), (373, 17523), (385, 17577), (395, 17625), (407, 17691), (436, 17856), (439, 17874), (481, 18000), (521, 18252), (523, 18255), (525, 18264), (535, 18324), (546, 18420), (550, 18468),

Gene: Target_26 Start: 17225, Stop: 19837, Start Num: 40

Candidate Starts for Target_26:

(38, 17213), (Start: 40 @17225 has 174 MA's), (45, 17264), (59, 17327), (60, 17333), (Start: 65 @17357 has 23 MA's), (74, 17399), (86, 17450), (143, 17738), (147, 17756), (159, 17846), (168, 17909), (172, 17933), (173, 17945), (181, 17996), (243, 18380), (274, 18482), (286, 18521), (289, 18536), (291, 18548), (306, 18572), (366, 18800), (391, 18902), (395, 18923), (401, 18965), (420, 19064), (432, 19127), (489, 19346), (499, 19379), (535, 19661), (544, 19748), (548, 19787),

Gene: Tasp14_25 Start: 16593, Stop: 19064, Start Num: 40

Candidate Starts for Tasp14_25:

(Start: 40 @16593 has 174 MA's), (45, 16632), (59, 16695), (Start: 65 @16725 has 23 MA's), (69, 16746), (74, 16767), (105, 16797), (110, 16821), (126, 16887), (159, 17085), (163, 17118), (173, 17184), (205, 17439), (210, 17460), (214, 17487), (248, 17646), (261, 17682), (289, 17775), (295, 17796), (315, 17853), (345, 17973), (352, 18009), (366, 18039), (375, 18075), (391, 18141), (395, 18162), (420, 18303), (453, 18444), (465, 18465), (497, 18600), (520, 18777), (535, 18888), (542, 18954), (544, 18975), (548, 19014), (550, 19044),

Gene: Temprado_29 Start: 16733, Stop: 18937, Start Num: 53

Candidate Starts for Temprado_29:

(32, 16574), (46, 16688), (Start: 53 @16733 has 49 MA's), (73, 16844), (99, 17000), (132, 17147), (134, 17159), (159, 17309), (163, 17342), (176, 17432), (187, 17501), (222, 17744), (315, 17882), (360, 18002), (405, 18155), (420, 18218), (429, 18260), (457, 18359), (462, 18380), (468, 18401), (475, 18422), (484, 18473), (486, 18485), (490, 18500), (508, 18581), (516, 18659),

Gene: Teodoridan_22 Start: 15736, Stop: 18207, Start Num: 40

Candidate Starts for Teodoridan_22:

(Start: 40 @15736 has 174 MA's), (45, 15775), (59, 15838), (Start: 65 @15868 has 23 MA's), (69, 15889), (74, 15910), (78, 15922), (105, 15940), (126, 16030), (159, 16228), (163, 16261), (173, 16327), (205, 16582), (210, 16603), (214, 16630), (248, 16789), (261, 16825), (289, 16918), (295, 16939), (315, 16996), (345, 17116), (352, 17152), (366, 17182), (375, 17218), (391, 17284), (395, 17305), (420, 17446), (453, 17587), (465, 17608), (497, 17743), (520, 17920), (535, 18031), (544, 18118), (548, 18157), (549, 18172),

Gene: Thanksgivukkah_25 Start: 15889, Stop: 18489, Start Num: 39

Candidate Starts for Thanksgivukkah_25:

(Start: 39 @15889 has 116 MA's), (Start: 65 @16030 has 23 MA's), (Start: 68 @16048 has 1 MA's), (108, 16255), (118, 16294), (124, 16324), (147, 16441), (152, 16468), (159, 16531), (168, 16594), (174, 16639), (181, 16681), (191, 16765), (233, 17032), (245, 17083), (261, 17128), (285, 17206), (302, 17239), (305, 17245), (308, 17266), (346, 17413), (350, 17434), (357, 17458), (373, 17524), (385, 17578), (395, 17626), (407, 17692), (436, 17857), (439, 17875), (481, 18001), (521, 18253), (523, 18256), (525, 18265), (535, 18325), (546, 18421), (550, 18469),

Gene: Thor_24 Start: 16468, Stop: 18939, Start Num: 40

Candidate Starts for Thor_24:

(Start: 40 @16468 has 174 MA's), (45, 16507), (59, 16570), (Start: 65 @16600 has 23 MA's), (69, 16621), (74, 16642), (105, 16672), (110, 16696), (114, 16717), (126, 16762), (159, 16960), (163, 16993), (173, 17059), (205, 17314), (210, 17335), (214, 17362), (216, 17377), (221, 17401), (240, 17488), (248, 17521), (261, 17557), (289, 17650), (295, 17671), (306, 17686), (310, 17707), (311, 17710), (330, 17779), (336, 17815), (345, 17848), (352, 17884), (366, 17914), (375, 17950), (391, 18016), (395, 18037), (420, 18178), (453, 18319), (465, 18340), (497, 18475), (511, 18571), (520, 18652), (535, 18763), (544, 18850), (548, 18889), (549, 18904),

Gene: Timshel_26 Start: 17496, Stop: 20864, Start Num: 7

Candidate Starts for Timshel_26:

(Start: 7 @17496 has 4 MA's), (11, 17625), (15, 17679), (19, 17721), (30, 17883), (48, 18033), (70, 18135), (Start: 92 @18270 has 9 MA's), (131, 18468), (144, 18534), (148, 18561), (149, 18564), (152, 18576), (159, 18639), (160, 18648), (163, 18672), (168, 18702), (174, 18747), (178, 18771), (197, 18915), (200, 18957), (204, 18984), (206, 18999), (214, 19038), (216, 19053), (220, 19074), (228, 19131), (231, 19140), (234, 19149), (251, 19224), (266, 19290), (277, 19368), (287, 19422), (293, 19485), (296, 19500), (298, 19530), (299, 19542), (300, 19545), (304, 19563), (306, 19572), (308, 19587), (313, 19605), (323, 19638), (329, 19656), (343, 19719), (355, 19785), (357, 19794), (358, 19797), (361, 19806), (362, 19809), (364, 19818), (366, 19827), (373, 19860), (376, 19872), (382, 19896), (389, 19926), (401, 20004), (404, 20016), (406, 20025), (407, 20028), (409, 20037), (411, 20046), (424, 20124), (428, 20148), (436, 20193), (439, 20211), (456, 20268), (460, 20286), (467, 20310), (469, 20319), (476, 20340), (480, 20361), (481, 20373), (485, 20394), (497, 20433), (503, 20466), (513, 20547), (517, 20580), (523, 20631), (527, 20652), (532, 20676), (540, 20742), (542, 20757), (543, 20763),

Gene: TinaFeyge_25 Start: 16023, Stop: 18482, Start Num: 65

Candidate Starts for TinaFeyge_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (91, 16155), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (308, 17259), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Tinybot_24 Start: 16003, Stop: 18462, Start Num: 65

Candidate Starts for Tinybot_24:

(Start: 39 @15862 has 116 MA's), (Start: 65 @16003 has 23 MA's), (Start: 68 @16021 has 1 MA's), (98, 16177), (108, 16228), (118, 16267), (124, 16297), (147, 16414), (152, 16441), (159, 16504), (168, 16567), (174, 16612), (181, 16654), (191, 16738), (216, 16921), (233, 17005), (245, 17056), (261, 17101), (285, 17179), (302, 17212), (305, 17218), (334, 17332), (346, 17386), (357, 17431), (372, 17491), (385, 17551), (407, 17665), (436, 17830), (439, 17848), (481, 17974), (521, 18226), (523, 18229), (525, 18238), (534, 18295), (535, 18298), (541, 18343), (546, 18394), (550, 18442),

Gene: TiroTheta9_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for TiroTheta9_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (221, 16965), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (302, 17232), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (375, 17520), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: ToneTone_27 Start: 16647, Stop: 18863, Start Num: 53

Candidate Starts for ToneTone_27:

(46, 16602), (Start: 53 @16647 has 49 MA's), (73, 16758), (99, 16914), (132, 17061), (134, 17073), (158, 17220), (159, 17223), (163, 17256), (176, 17346), (187, 17415), (196, 17490), (222, 17658), (360, 17916), (374, 17961), (405, 18069), (420, 18132), (429, 18174), (457, 18273), (462, 18294), (475, 18336), (484, 18387), (490, 18414), (508, 18495), (516, 18585),

Gene: Topanga_25 Start: 16006, Stop: 18558, Start Num: 92

Candidate Starts for Topanga_25:

(Start: 57 @15829 has 8 MA's), (Start: 92 @16006 has 9 MA's), (96, 16027), (101, 16051), (108, 16081), (109, 16084), (110, 16093), (120, 16132), (124, 16147), (128, 16171), (139, 16216), (145, 16258), (152, 16291), (153, 16300), (159, 16354), (166, 16408), (168, 16417), (172, 16441), (174, 16462), (190, 16567), (195, 16609), (285, 17131), (297, 17251), (302, 17296), (304, 17299), (305, 17302), (309, 17326), (321, 17371), (331, 17407), (339, 17446), (346, 17479), (375, 17593), (401, 17734), (407, 17758), (420, 17833), (430, 17899), (436, 17923), (439, 17941), (462, 18007), (479, 18061), (481, 18073), (485, 18088), (491, 18109), (495, 18121), (525, 18334), (532, 18370), (534, 18391), (535, 18394), (546, 18490), (550, 18538),

Gene: Toro_28 Start: 17560, Stop: 20943, Start Num: 7

Candidate Starts for Toro_28:

(Start: 7 @17560 has 4 MA's), (30, 17947), (37, 18004), (55, 18136), (59, 18148), (70, 18199), (95, 18346), (129, 18529), (131, 18535), (139, 18568), (140, 18580), (155, 18673), (157, 18694), (159, 18706), (182, 18862), (185, 18886), (193, 18949), (200, 19024), (206, 19066), (216, 19120), (220, 19141), (228, 19198), (230, 19204), (231, 19207), (251, 19291), (255, 19306), (261, 19333), (263, 19339), (276, 19432), (278, 19444), (279, 19447), (298, 19597), (300, 19612), (304, 19630), (308, 19654), (313, 19672), (314, 19675), (343, 19786), (354, 19849), (355, 19852), (370, 19909), (371, 19915), (382, 19963), (389, 19993), (401, 20071), (404, 20083), (406, 20092), (411, 20113), (424, 20191), (436, 20260), (439, 20278), (450, 20329), (460, 20365), (463, 20377), (474, 20410), (480,

20440), (483, 20461), (497, 20512), (503, 20545), (513, 20626), (517, 20659), (520, 20689), (527, 20731), (532, 20755), (540, 20821), (542, 20836), (543, 20842), (548, 20893),

Gene: Tote_26 Start: 16832, Stop: 19303, Start Num: 40

Candidate Starts for Tote_26:

(Start: 40 @16832 has 174 MA's), (45, 16871), (59, 16934), (Start: 65 @16964 has 23 MA's), (69, 16985), (74, 17006), (78, 17018), (105, 17036), (126, 17126), (159, 17324), (163, 17357), (173, 17423), (205, 17678), (210, 17699), (214, 17726), (248, 17885), (261, 17921), (289, 18014), (295, 18035), (315, 18092), (345, 18212), (352, 18248), (366, 18278), (375, 18314), (391, 18380), (395, 18401), (420, 18542), (453, 18683), (465, 18704), (497, 18839), (520, 19016), (535, 19127), (542, 19193), (544, 19214), (548, 19253), (549, 19268),

Gene: Traft412_26 Start: 17302, Stop: 19782, Start Num: 40

Candidate Starts for Traft412_26:

(Start: 40 @17302 has 174 MA's), (45, 17341), (54, 17386), (59, 17404), (60, 17410), (Start: 65 @17434 has 23 MA's), (74, 17476), (143, 17683), (147, 17701), (159, 17791), (168, 17854), (173, 17890), (181, 17941), (243, 18325), (274, 18427), (286, 18466), (289, 18481), (291, 18493), (306, 18517), (366, 18745), (391, 18847), (395, 18868), (401, 18910), (420, 19009), (432, 19072), (489, 19291), (499, 19324), (535, 19606), (542, 19672), (544, 19693), (548, 19732), (549, 19747),

Gene: Treddle_26 Start: 17623, Stop: 20094, Start Num: 40

Candidate Starts for Treddle_26:

(Start: 40 @17623 has 174 MA's), (45, 17662), (59, 17725), (Start: 65 @17755 has 23 MA's), (69, 17776), (74, 17797), (78, 17809), (105, 17827), (126, 17917), (159, 18115), (163, 18148), (173, 18214), (205, 18469), (210, 18490), (214, 18517), (221, 18556), (232, 18613), (240, 18643), (248, 18676), (261, 18712), (289, 18805), (295, 18826), (315, 18883), (345, 19003), (352, 19039), (366, 19069), (375, 19105), (391, 19171), (395, 19192), (401, 19234), (420, 19333), (453, 19474), (465, 19495), (511, 19726), (520, 19807), (535, 19918), (544, 20005), (548, 20044), (550, 20074),

Gene: Trike_23 Start: 13972, Stop: 16527, Start Num: 92

Candidate Starts for Trike_23:

(Start: 57 @13795 has 8 MA's), (Start: 92 @13972 has 9 MA's), (96, 13993), (108, 14047), (110, 14059), (145, 14221), (149, 14242), (152, 14254), (155, 14284), (159, 14317), (165, 14362), (168, 14380), (170, 14395), (172, 14404), (174, 14425), (190, 14530), (195, 14572), (217, 14737), (252, 14899), (285, 15103), (289, 15148), (297, 15223), (304, 15271), (305, 15274), (308, 15295), (309, 15298), (321, 15343), (339, 15418), (340, 15421), (345, 15442), (349, 15466), (367, 15532), (373, 15562), (376, 15574), (394, 15661), (397, 15676), (407, 15730), (420, 15805), (434, 15883), (436, 15895), (439, 15913), (449, 15952), (458, 15964), (462, 15976), (478, 16018), (479, 16030), (481, 16042), (485, 16057), (491, 16078), (495, 16090), (525, 16303), (535, 16363), (541, 16408), (546, 16459), (550, 16507),

Gene: Tripl3t_25 Start: 17314, Stop: 19713, Start Num: 40

Candidate Starts for Tripl3t_25:

(Start: 40 @17314 has 174 MA's), (45, 17353), (59, 17416), (Start: 65 @17446 has 23 MA's), (69, 17467), (74, 17488), (78, 17500), (83, 17518), (114, 17563), (126, 17608), (159, 17806), (163, 17839), (173, 17905), (209, 18160), (213, 18181), (218, 18208), (225, 18247), (243, 18304), (259, 18334), (317, 18496), (361, 18649), (366, 18661), (370, 18676), (394, 18793), (401, 18838), (406, 18859), (407, 18862), (432, 19012), (436, 19027), (453, 19093), (471, 19135), (511, 19345), (520, 19426), (535, 19537), (544, 19624), (548, 19663), (550, 19693),

Gene: Tristan_27 Start: 18372, Stop: 20768, Start Num: 58

Candidate Starts for Tristan_27:

(Start: 58 @18372 has 6 MA's), (Start: 62 @18390 has 5 MA's), (67, 18423), (69, 18429), (89, 18525), (97, 18567), (111, 18630), (112, 18633), (133, 18723), (137, 18738), (142, 18768), (143, 18777), (150, 18813), (152, 18822), (159, 18885), (163, 18918), (170, 18963), (173, 18984), (174, 18993), (190, 19098), (205, 19239), (239, 19407), (240, 19413), (244, 19434), (245, 19437), (264, 19485), (265, 19491), (312, 19653), (320, 19671), (358, 19827), (376, 19881), (387, 19917), (396, 19968), (408, 20028), (414, 20061), (416, 20073), (421, 20106), (422, 20109), (451, 20247), (461, 20259), (478, 20301), (489, 20337), (492, 20349), (494, 20355), (527, 20565),

Gene: Trouble_24 Start: 16670, Stop: 19141, Start Num: 40

Candidate Starts for Trouble_24:

(Start: 40 @16670 has 174 MA's), (45, 16709), (59, 16772), (Start: 65 @16802 has 23 MA's), (69, 16823), (74, 16844), (78, 16856), (105, 16874), (114, 16919), (126, 16964), (159, 17162), (163, 17195), (173, 17261), (205, 17516), (210, 17537), (214, 17564), (248, 17723), (261, 17759), (289, 17852), (295, 17873), (315, 17930), (345, 18050), (352, 18086), (366, 18116), (375, 18152), (391, 18218), (395, 18239), (420, 18380), (453, 18521), (465, 18542), (497, 18677), (520, 18854), (535, 18965), (544, 19052), (548, 19091),

Gene: TroyPia_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for TroyPia_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Tucker_29 Start: 16733, Stop: 18949, Start Num: 53

Candidate Starts for Tucker_29:

(46, 16688), (Start: 53 @16733 has 49 MA's), (73, 16844), (99, 17000), (132, 17147), (134, 17159), (158, 17306), (159, 17309), (163, 17342), (176, 17432), (187, 17501), (196, 17576), (222, 17744), (360, 18002), (374, 18047), (405, 18155), (420, 18218), (429, 18260), (457, 18359), (462, 18380), (475, 18422), (484, 18473), (490, 18500), (508, 18581), (516, 18671),

Gene: Turj99_23 Start: 16107, Stop: 18578, Start Num: 40

Candidate Starts for Turj99_23:

(Start: 40 @16107 has 174 MA's), (45, 16146), (59, 16209), (Start: 65 @16239 has 23 MA's), (69, 16260), (74, 16281), (78, 16293), (105, 16311), (126, 16401), (159, 16599), (163, 16632), (173, 16698), (205, 16953), (210, 16974), (214, 17001), (248, 17160), (261, 17196), (289, 17289), (295, 17310), (315, 17367), (345, 17487), (352, 17523), (366, 17553), (375, 17589), (391, 17655), (395, 17676), (420, 17817), (453, 17958), (465, 17979), (511, 18210), (520, 18291), (535, 18402), (544, 18489), (548, 18528), (550, 18558),

Gene: Twister_25 Start: 15728, Stop: 18457, Start Num: 57

Candidate Starts for Twister_25:

(Start: 57 @15728 has 8 MA's), (Start: 92 @15905 has 9 MA's), (96, 15926), (101, 15950), (108, 15980), (109, 15983), (110, 15992), (120, 16031), (124, 16046), (128, 16070), (139, 16115), (145, 16157), (152, 16190), (153, 16199), (159, 16253), (166, 16307), (168, 16316), (172, 16340), (174, 16361), (190, 16466), (195, 16508), (285, 17030), (297, 17150), (302, 17195), (304, 17198), (305, 17201), (309, 17225), (321, 17270), (331, 17306), (339, 17345), (346, 17378), (375, 17492), (401, 17633), (407, 17657), (420, 17732), (430, 17798), (436, 17822), (439, 17840), (462, 17906), (479, 17960), (481, 17972), (485, 17987), (491, 18008), (495, 18020), (525, 18233), (532, 18269), (534, 18290), (535, 18293), (546, 18389), (550, 18437),

Gene: TwoPeat_25 Start: 16622, Stop: 19102, Start Num: 40

Candidate Starts for TwoPeat_25:

(Start: 40 @16622 has 174 MA's), (45, 16661), (59, 16724), (Start: 65 @16754 has 23 MA's), (74, 16796), (143, 17003), (147, 17021), (159, 17111), (168, 17174), (172, 17198), (173, 17210), (181, 17261), (243, 17645), (274, 17747), (286, 17786), (291, 17813), (306, 17837), (336, 17966), (366, 18065), (391, 18167), (395, 18188), (397, 18200), (401, 18230), (420, 18329), (432, 18392), (458, 18482), (489, 18611), (499, 18644), (520, 18815), (535, 18926), (542, 18992), (544, 19013), (548, 19052), (550, 19082),

Gene: TygerBlood_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for TygerBlood_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (346, 17409), (350, 17430), (357, 17454), (372, 17514), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: U2_24 Start: 16511, Stop: 18979, Start Num: 40

Candidate Starts for U2_24:

(Start: 40 @16511 has 174 MA's), (44, 16526), (Start: 65 @16640 has 23 MA's), (69, 16661), (74, 16682), (105, 16712), (110, 16736), (114, 16757), (126, 16802), (159, 17000), (163, 17033), (173, 17099), (205, 17354), (210, 17375), (214, 17402), (248, 17561), (261, 17597), (289, 17690), (295, 17711), (306, 17726), (310, 17747), (311, 17750), (330, 17819), (336, 17855), (345, 17888), (352, 17924), (366, 17954), (375, 17990), (391, 18056), (395, 18077), (401, 18119), (420, 18218), (453, 18359), (465, 18380), (497, 18515), (520, 18692), (535, 18803), (544, 18890), (548, 18929), (550, 18959),

Gene: Ulysses_24 Start: 15606, Stop: 18206, Start Num: 39

Candidate Starts for Ulysses_24:

(Start: 39 @15606 has 116 MA's), (Start: 65 @15747 has 23 MA's), (Start: 68 @15765 has 1 MA's), (98, 15921), (108, 15972), (118, 16011), (124, 16041), (147, 16158), (152, 16185), (159, 16248), (168, 16311), (174, 16356), (181, 16398), (191, 16482), (233, 16749), (245, 16800), (261, 16845), (285, 16923), (302, 16956), (305, 16962), (334, 17076), (346, 17130), (357, 17175), (372, 17235), (385, 17295), (407, 17409), (436, 17574), (439, 17592), (481, 17718), (521, 17970), (523, 17973), (525, 17982), (535, 18042), (546, 18138), (550, 18186),

Gene: UnionJack_22 Start: 14796, Stop: 17609, Start Num: 1

Candidate Starts for UnionJack_22:

(Start: 1 @14796 has 10 MA's), (3, 14985), (51, 15468), (52, 15474), (107, 15618), (113, 15654), (133, 15744), (145, 15810), (149, 15831), (157, 15894), (159, 15906), (163, 15939), (172, 15993), (175, 16026), (178, 16038), (191, 16137), (196, 16170), (212, 16299), (238, 16413), (253, 16464), (283, 16530), (322, 16611), (328, 16623), (335, 16656), (365, 16734), (370, 16743), (392, 16809), (396, 16818), (425, 16881), (430, 16923), (445, 16995), (459, 17022), (464, 17037), (473, 17064), (479, 17085), (498, 17172), (503, 17202), (511, 17265), (522, 17364), (525, 17376), (527, 17388), (528, 17397), (546, 17544),

Gene: Violet_23 Start: 16915, Stop: 19386, Start Num: 40

Candidate Starts for Violet_23:

(Start: 40 @16915 has 174 MA's), (45, 16954), (59, 17017), (Start: 65 @17047 has 23 MA's), (69, 17068), (74, 17089), (78, 17101), (105, 17119), (126, 17209), (159, 17407), (163, 17440), (173, 17506), (205, 17761), (210, 17782), (214, 17809), (248, 17968), (261, 18004), (289, 18097), (295, 18118), (315, 18175), (345, 18295), (352, 18331), (366, 18361), (375, 18397), (391, 18463), (395,

18484), (420, 18625), (453, 18766), (465, 18787), (497, 18922), (520, 19099), (535, 19210), (544, 19297), (548, 19336), (550, 19366),

Gene: VohminGhazi_29 Start: 16735, Stop: 18939, Start Num: 53

Candidate Starts for VohminGhazi_29:

(32, 16576), (46, 16690), (Start: 53 @16735 has 49 MA's), (73, 16846), (74, 16852), (93, 16960), (99, 17002), (112, 17068), (134, 17161), (141, 17188), (159, 17311), (163, 17344), (176, 17434), (187, 17503), (222, 17746), (315, 17884), (360, 18004), (405, 18157), (420, 18220), (429, 18262), (457, 18361), (462, 18382), (468, 18403), (475, 18424), (484, 18475), (486, 18487), (490, 18502), (508, 18583), (516, 18661),

Gene: Waits_28 Start: 15890, Stop: 18079, Start Num: 82

Candidate Starts for Waits_28:

(Start: 47 @15713 has 1 MA's), (Start: 49 @15722 has 4 MA's), (Start: 82 @15890 has 17 MA's), (130, 16133), (132, 16139), (146, 16208), (154, 16265), (174, 16409), (181, 16451), (188, 16499), (189, 16502), (199, 16613), (202, 16631), (222, 16736), (232, 16784), (282, 16889), (307, 16949), (327, 17003), (335, 17039), (341, 17063), (344, 17072), (360, 17135), (366, 17156), (370, 17171), (377, 17195), (381, 17207), (395, 17261), (398, 17282), (403, 17312), (438, 17483), (440, 17504), (475, 17588), (528, 17891), (546, 18014), (547, 18026),

Gene: WalterMcMickey_25 Start: 15905, Stop: 18457, Start Num: 92

Candidate Starts for WalterMcMickey_25:

(Start: 57 @15728 has 8 MA's), (Start: 92 @15905 has 9 MA's), (96, 15926), (101, 15950), (108, 15980), (109, 15983), (110, 15992), (120, 16031), (124, 16046), (128, 16070), (139, 16115), (145, 16157), (152, 16190), (153, 16199), (159, 16253), (166, 16307), (168, 16316), (172, 16340), (174, 16361), (190, 16466), (195, 16508), (285, 17030), (297, 17150), (302, 17195), (304, 17198), (305, 17201), (309, 17225), (321, 17270), (331, 17306), (339, 17345), (346, 17378), (375, 17492), (401, 17633), (407, 17657), (420, 17732), (430, 17798), (436, 17822), (439, 17840), (462, 17906), (479, 17960), (481, 17972), (485, 17987), (491, 18008), (495, 18020), (525, 18233), (532, 18269), (534, 18290), (535, 18293), (546, 18389), (550, 18437),

Gene: Wander_25 Start: 15885, Stop: 18485, Start Num: 39

Candidate Starts for Wander_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (308, 17262), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Warrior24_28 Start: 15894, Stop: 18083, Start Num: 82

Candidate Starts for Warrior24_28:

(Start: 47 @15717 has 1 MA's), (Start: 49 @15726 has 4 MA's), (Start: 82 @15894 has 17 MA's), (130, 16137), (132, 16143), (146, 16212), (154, 16269), (174, 16413), (181, 16455), (184, 16476), (188, 16503), (189, 16506), (199, 16617), (202, 16635), (222, 16740), (232, 16788), (282, 16893), (307, 16953), (327, 17007), (335, 17043), (341, 17067), (344, 17076), (360, 17139), (366, 17160), (370, 17175), (377, 17199), (381, 17211), (395, 17265), (398, 17286), (403, 17316), (438, 17487), (440, 17508), (475, 17592), (528, 17895), (546, 18018), (547, 18030),

Gene: Watermelon_26 Start: 17220, Stop: 19700, Start Num: 40

Candidate Starts for Watermelon_26:

(Start: 40 @17220 has 174 MA's), (45, 17259), (59, 17322), (Start: 65 @17352 has 23 MA's), (74, 17394), (143, 17601), (147, 17619), (159, 17709), (168, 17772), (172, 17796), (173, 17808), (181,

17859), (243, 18243), (274, 18345), (286, 18384), (291, 18411), (306, 18435), (336, 18564), (366, 18663), (391, 18765), (395, 18786), (401, 18828), (420, 18927), (432, 18990), (489, 19209), (499, 19242), (520, 19413), (535, 19524), (544, 19611), (548, 19650), (549, 19665),

Gene: Wheeler_24 Start: 16677, Stop: 19154, Start Num: 42

Candidate Starts for Wheeler_24:

(Start: 42 @16677 has 6 MA's), (44, 16692), (59, 16776), (60, 16782), (Start: 65 @16806 has 23 MA's), (74, 16848), (143, 17055), (147, 17073), (159, 17163), (168, 17226), (172, 17250), (173, 17262), (181, 17313), (243, 17697), (274, 17799), (286, 17838), (291, 17865), (306, 17889), (366, 18117), (391, 18219), (395, 18240), (397, 18252), (401, 18282), (420, 18381), (432, 18444), (489, 18663), (499, 18696), (535, 18978), (544, 19065), (548, 19104), (549, 19119),

Gene: Whitspit_25 Start: 17013, Stop: 19484, Start Num: 40

Candidate Starts for Whitspit_25:

(Start: 40 @17013 has 174 MA's), (45, 17052), (59, 17115), (Start: 65 @17145 has 23 MA's), (69, 17166), (74, 17187), (78, 17199), (105, 17217), (126, 17307), (159, 17505), (163, 17538), (173, 17604), (205, 17859), (210, 17880), (214, 17907), (248, 18066), (261, 18102), (289, 18195), (295, 18216), (315, 18273), (345, 18393), (352, 18429), (366, 18459), (375, 18495), (391, 18561), (395, 18582), (420, 18723), (453, 18864), (465, 18885), (497, 19020), (520, 19197), (535, 19308), (544, 19395), (548, 19434), (549, 19449),

Gene: Wiks_29 Start: 16715, Stop: 18931, Start Num: 53

Candidate Starts for Wiks_29:

(46, 16670), (Start: 53 @16715 has 49 MA's), (73, 16826), (99, 16982), (132, 17129), (134, 17141), (158, 17288), (159, 17291), (163, 17324), (176, 17414), (187, 17483), (196, 17558), (222, 17726), (360, 17984), (374, 18029), (405, 18137), (420, 18200), (429, 18242), (457, 18341), (462, 18362), (475, 18404), (484, 18455), (490, 18482), (508, 18563), (516, 18653),

Gene: Wilbur_25 Start: 16026, Stop: 18485, Start Num: 65

Candidate Starts for Wilbur_25:

(Start: 39 @15885 has 116 MA's), (Start: 65 @16026 has 23 MA's), (Start: 68 @16044 has 1 MA's), (108, 16251), (118, 16290), (124, 16320), (147, 16437), (152, 16464), (159, 16527), (168, 16590), (174, 16635), (181, 16677), (191, 16761), (233, 17028), (245, 17079), (261, 17124), (285, 17202), (302, 17235), (305, 17241), (331, 17337), (332, 17346), (346, 17409), (350, 17430), (357, 17454), (373, 17520), (385, 17574), (395, 17622), (407, 17688), (436, 17853), (439, 17871), (481, 17997), (521, 18249), (523, 18252), (525, 18261), (535, 18321), (546, 18417), (550, 18465),

Gene: Wile_25 Start: 15892, Stop: 18492, Start Num: 39

Candidate Starts for Wile_25:

(Start: 39 @15892 has 116 MA's), (112, 16282), (141, 16411), (147, 16444), (152, 16471), (159, 16534), (174, 16642), (193, 16777), (221, 16975), (240, 17062), (245, 17086), (261, 17131), (302, 17242), (305, 17248), (346, 17416), (358, 17464), (372, 17521), (385, 17581), (395, 17629), (400, 17662), (407, 17695), (411, 17713), (436, 17860), (439, 17878), (481, 18004), (505, 18094), (515, 18193), (523, 18259), (525, 18268), (535, 18328), (536, 18337), (541, 18373), (543, 18391), (546, 18424), (550, 18472),

Gene: Wizard007_25 Start: 15887, Stop: 18487, Start Num: 39

Candidate Starts for Wizard007_25:

(Start: 39 @15887 has 116 MA's), (Start: 65 @16028 has 23 MA's), (Start: 68 @16046 has 1 MA's), (108, 16253), (118, 16292), (124, 16322), (147, 16439), (152, 16466), (159, 16529), (168, 16592), (174, 16637), (181, 16679), (191, 16763), (233, 17030), (245, 17081), (261, 17126), (285, 17204), (305, 17243), (308, 17264), (346, 17411), (350, 17432), (357, 17456), (372, 17516), (373, 17522), (375, 17525), (385, 17576), (395, 17624), (407, 17690), (436, 17855), (439, 17873), (481, 17999),

(521, 18251), (523, 18254), (525, 18263), (535, 18323), (546, 18419), (550, 18467),

Gene: WunderPhul_29 Start: 16715, Stop: 18931, Start Num: 53

Candidate Starts for WunderPhul_29:

(46, 16670), (Start: 53 @16715 has 49 MA's), (73, 16826), (99, 16982), (132, 17129), (134, 17141), (158, 17288), (159, 17291), (163, 17324), (176, 17414), (187, 17483), (196, 17558), (222, 17726), (360, 17984), (374, 18029), (405, 18137), (420, 18200), (429, 18242), (457, 18341), (462, 18362), (475, 18404), (484, 18455), (490, 18482), (508, 18563), (516, 18653),

Gene: Xena_25 Start: 15879, Stop: 18479, Start Num: 39

Candidate Starts for Xena_25:

(Start: 39 @15879 has 116 MA's), (112, 16269), (141, 16398), (147, 16431), (152, 16458), (159, 16521), (174, 16629), (193, 16764), (221, 16962), (240, 17049), (245, 17073), (261, 17118), (302, 17229), (305, 17235), (346, 17403), (358, 17451), (372, 17508), (385, 17568), (395, 17616), (400, 17649), (407, 17682), (411, 17700), (436, 17847), (439, 17865), (481, 17991), (505, 18081), (515, 18180), (523, 18246), (525, 18255), (535, 18315), (536, 18324), (541, 18360), (543, 18378), (546, 18411), (550, 18459),

Gene: YoSam321_25 Start: 15882, Stop: 18482, Start Num: 39

Candidate Starts for YoSam321_25:

(Start: 39 @15882 has 116 MA's), (Start: 65 @16023 has 23 MA's), (Start: 68 @16041 has 1 MA's), (108, 16248), (118, 16287), (124, 16317), (147, 16434), (152, 16461), (159, 16524), (168, 16587), (174, 16632), (181, 16674), (191, 16758), (233, 17025), (245, 17076), (261, 17121), (285, 17199), (305, 17238), (346, 17406), (350, 17427), (357, 17451), (372, 17511), (373, 17517), (385, 17571), (395, 17619), (407, 17685), (436, 17850), (439, 17868), (481, 17994), (521, 18246), (523, 18249), (525, 18258), (535, 18318), (546, 18414), (550, 18462),

Gene: Yokurt_29 Start: 16715, Stop: 18931, Start Num: 53

Candidate Starts for Yokurt_29:

(46, 16670), (Start: 53 @16715 has 49 MA's), (73, 16826), (99, 16982), (132, 17129), (134, 17141), (158, 17288), (159, 17291), (163, 17324), (176, 17414), (187, 17483), (196, 17558), (222, 17726), (360, 17984), (374, 18029), (405, 18137), (420, 18200), (429, 18242), (457, 18341), (462, 18362), (475, 18404), (484, 18455), (490, 18482), (508, 18563), (516, 18653),

Gene: Zaka_29 Start: 16715, Stop: 18931, Start Num: 53

Candidate Starts for Zaka_29:

(46, 16670), (Start: 53 @16715 has 49 MA's), (73, 16826), (99, 16982), (132, 17129), (134, 17141), (158, 17288), (159, 17291), (163, 17324), (176, 17414), (187, 17483), (196, 17558), (222, 17726), (360, 17984), (374, 18029), (405, 18137), (420, 18200), (429, 18242), (457, 18341), (462, 18362), (475, 18404), (484, 18455), (490, 18482), (508, 18563), (516, 18653),

Gene: Zephyr_24 Start: 16453, Stop: 18933, Start Num: 40

Candidate Starts for Zephyr_24:

(Start: 40 @16453 has 174 MA's), (45, 16492), (59, 16555), (Start: 65 @16585 has 23 MA's), (74, 16627), (143, 16834), (147, 16852), (159, 16942), (168, 17005), (172, 17029), (173, 17041), (181, 17092), (243, 17476), (274, 17578), (286, 17617), (289, 17632), (291, 17644), (306, 17668), (336, 17797), (366, 17896), (391, 17998), (395, 18019), (401, 18061), (420, 18160), (432, 18223), (458, 18313), (489, 18442), (499, 18475), (535, 18757), (542, 18823), (544, 18844), (548, 18883), (549, 18898),

Gene: Zeuska_25 Start: 16887, Stop: 19367, Start Num: 40

Candidate Starts for Zeuska_25:

(Start: 40 @16887 has 174 MA's), (45, 16926), (59, 16989), (Start: 65 @17019 has 23 MA's), (74, 17061), (143, 17268), (147, 17286), (159, 17376), (168, 17439), (172, 17463), (173, 17475), (181, 17526), (243, 17910), (274, 18012), (286, 18051), (291, 18078), (306, 18102), (336, 18231), (366, 18330), (391, 18432), (395, 18453), (397, 18465), (401, 18495), (420, 18594), (432, 18657), (489, 18876), (499, 18909), (535, 19191), (544, 19278), (548, 19317), (549, 19332),

Gene: Zulu_29 Start: 16714, Stop: 18930, Start Num: 53

Candidate Starts for Zulu_29:

(46, 16669), (Start: 53 @16714 has 49 MA's), (73, 16825), (99, 16981), (132, 17128), (134, 17140), (158, 17287), (159, 17290), (163, 17323), (176, 17413), (187, 17482), (196, 17557), (222, 17725), (360, 17983), (374, 18028), (405, 18136), (420, 18199), (429, 18241), (457, 18340), (462, 18361), (475, 18403), (484, 18454), (490, 18481), (508, 18562), (516, 18652),