

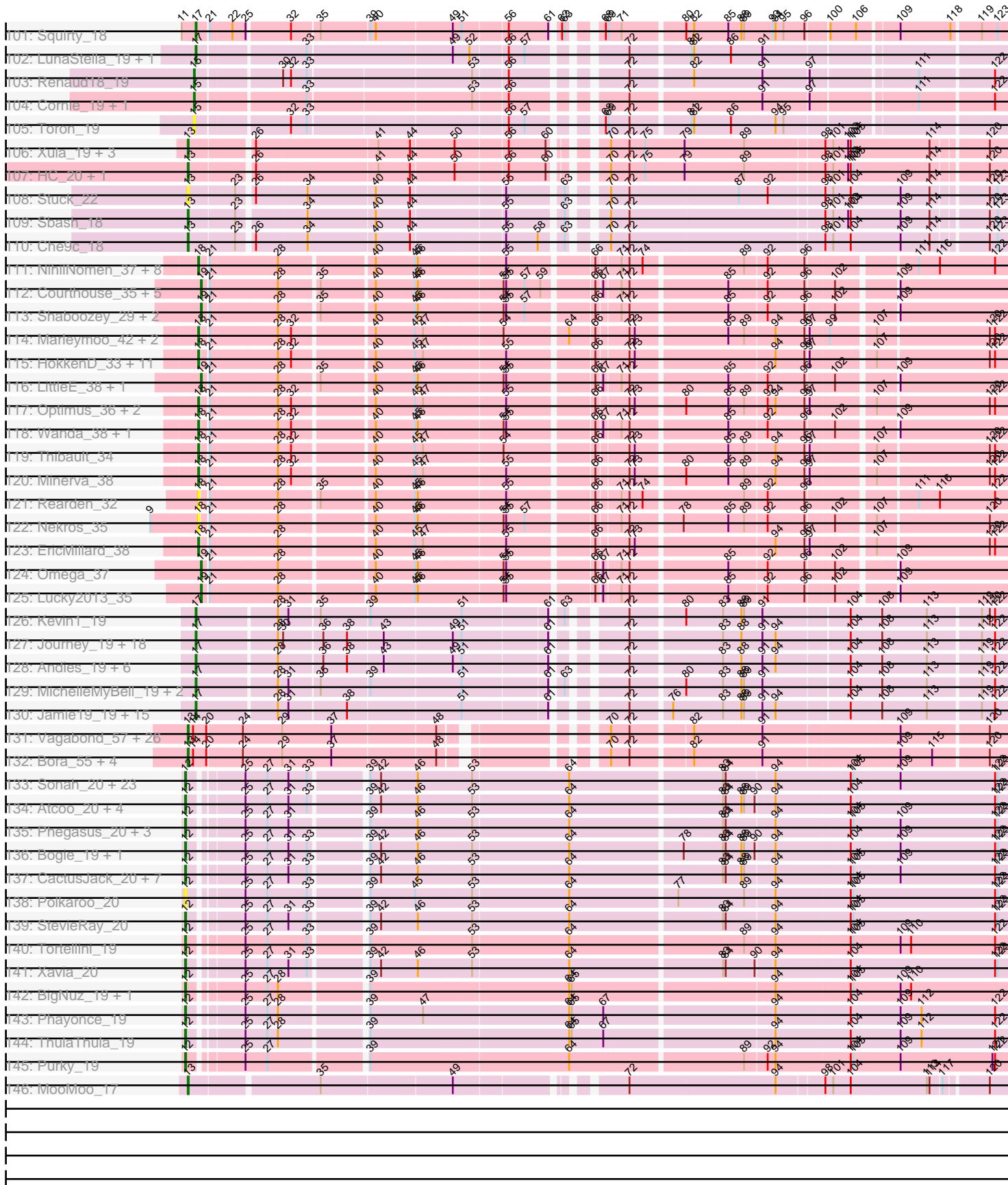
Pham 215700

1: MulchSalad_17	11	11	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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	2	5	8	10	11	21	23	32	34	35	38	39	45	46	55	57	68	71	82	85	91	92	96	98	100	106	109	118	119
51: Nizer_18				1	1	2												1							100	106	109	118	119
52: Nivaj_17 + 7				1	1	2												1							100	106	109	118	119
53: PhesterPhoto_17 + 1				1	1	2												1							100	106	109	118	119
54: ByChance_17 + 2				1	1	2												1							100	106	109	118	119
55: Chuckly_17				1	1	2												1							100	106	109	118	119
56: Ramsey_18 + 7				1	1	2												1							100	106	109	118	119
57: EleanorGeorge_17				1	1	2												1							100	106	109	118	119
58: Kialo_19 + 1				1	1	2												1							100	106	109	118	119
59: Ches_17				1	1	2												1							100	106	109	118	119
60: Violac_18				1	1	2												1							100	106	109	118	119
61: DavWorst_19				1	1	2												1							100	106	109	118	119
62: Spartacus_18 + 1				1	1	2												1							100	106	109	118	119
63: Wnquxpnl_17 + 2				1	1	2												1							100	106	109	118	119
64: Donkeykong_17				1	1	2												1							100	106	109	118	119
65: Geralt_17				1	1	2												1							100	106	109	118	119
66: Gorge_17 + 3				1	1	2												1							100	106	109	118	119
67: Krakatau_18 + 1				1	1	2												1							100	106	109	118	119
68: Hegedechninu_18				1	1	2												1							100	106	109	118	119
69: Fpilywog_20				1	1	2												1							100	106	109	118	119
70: Doshalletis_18				1	1	2												1							100	106	109	118	119
71: Royals2018_17				1	1	2												1							100	106	109	118	119
72: Wachhund_17				1	1	2												1							100	106	109	118	119
73: ArcusAngelus_17 + 1				1	1	2												1							100	106	109	118	119
74: Uksu_18				1	1	2												1							100	106	109	118	119
75: Phalconet_17				1	1	2												1							100	106	109	118	119
76: Guppsters_18				1	1	2												1							100	106	109	118	119
77: Manavrat_17				1	1	2												1							100	106	109	118	119
78: Eishi_17 + 6				1	1	2												1							100	106	109	118	119
79: DoRead_17				1	1	2												1							100	106	109	118	119
80: Awesomesauce_18				1	1	2												1							100	106	109	118	119
81: Gimmer_18 + 1				1	1	2												1							100	106	109	118	119
82: RockyHorror_18				1	1	2												1							100	106	109	118	119
83: Cornucopia_18 + 1				1	1	2												1							100	106	109	118	119
84: Leperchaun_17				1	1	2												1							100	106	109	118	119
85: Harley_17				1	1	2												1							100	106	109	118	119
86: Bipolar_17				1	1	2												1							100	106	109	118	119
87: Beakin_18				1	1	2												1							100	106	109	118	119
88: Sandalphon_18				1	1	2												1							100	106	109	118	119
89: KingJulian_17 + 2				1	1	2												1							100	106	109	118	119
90: MadMen_18				1	1	2												1							100	106	109	118	119
91: Ogdopogo_20				1	1	2												1							100	106	109	118	119
92: Byougenkin_17				1	1	2												1							100	106	109	118	119
93: Doomphist_17				1	1	2												1							100	106	109	118	119
94: Estave1_17				1	1	2												1							100	106	109	118	119
95: CaptainTrips_18				1	1	2												1							100	106	109	118	119
96: Frankie_18				1	1	2												1							100	106	109	118	119
97: Cheesepuff_20				1	1	2												1							100	106	109	118	119
98: Rita_17				1	1	2												1							100	106	109	118	119
99: Filuzino_17				1	1	2												1							100	106	109	118	119
100: Kenuha5_17				1	1	2												1							100	106	109	118	119

Pham 215700



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 215700 Report

This analysis was run 02/22/25 on database version 588.

Pham number 215700 has 437 members, 50 are drafts.

Phages represented in each track:

- Track 1 : MulchSalad_17
- Track 2 : ShiLan_17, NormanBulbieJr_17
- Track 3 : Whatsapiecost_17, Drago_18, Shauna1_17, Dante_17, Mutaforma13_17, MilleniumForce_18, Batiatus_17, Ardmore_17
- Track 4 : Clifton_17, Taj_17, Wee_18, Boomer_18, Ovechkin_17, Emma_17, Kimberlium_19, QuickMath_18, Brocalys_17, Tweety_17, Fruitloop_17, Koella_17
- Track 5 : Sabbb_18
- Track 6 : Rockne_17, PMC_17
- Track 7 : Aubs_17
- Track 8 : JalFarm20_19, LastJedi_17, Firehouse51_18, Pippy_17, Alexphander_19, Crumble_17, Minnie_18, Fancypants_17, Leozinho_18, DLane_17, Maravista_17, KristaRAM_18, Ms6_17, Hamulus_17, Seagreen_18, Melissauren88_17, DeadP_17, Juice456_19, Galactic_17, MulchExplorer_20
- Track 9 : Flathead_18, Mova_18, SassyB_17, PopTart_17
- Track 10 : RitaG_17
- Track 11 : DocMcStuffins_18, Aloeri_18, ChickenDinner_18, Piper2020_18
- Track 12 : SG4_17
- Track 13 : BlueCrab_17, Pacc40_17, Empress_18, Dorothy_17, JoeyJr_17
- Track 14 : Totinger_18, LittleShirley_18, Emmaloid_19, Tchotchke_18, Slim_19, EmiMonkey_17, PhlipPhlop_17, Mantra_17
- Track 15 : IMpilo_17, StAnnes_17
- Track 16 : Zerg_17
- Track 17 : Madiba_18
- Track 18 : Girr_17, MisterCuddles_17, Veteran_17
- Track 19 : Cerasum_18, Sarma624_18
- Track 20 : VRedHorse_17
- Track 21 : Job42_20
- Track 22 : MilanaBonita_18, UncleRicky_18, Lorde_18, Phatniss_18, Phanphagia_17, Coco12_19, XFactor_17, Brookers_18, Plumbus_18, Enby_18, DirtMcgirt_18, Kingsley_18, Akhila_18
- Track 23 : Doug_18
- Track 24 : TootsiePop_18, Misha28_18
- Track 25 : Tootsieroll_18, Radiance_17
- Track 26 : Girafales_18, Quico_18, Florinda_17
- Track 27 : OfUltron_17, Jinglebell_16, Modragons_17, AlpineSix_17, Seabastian_17
- Track 28 : Polka14_18, Daenerys_17, PHappiness_17, OldBen_17, lbOuu_17, SimranZ1_18, DaddyRickover_17

- Track 29 : KingMidas_18, Scottish_18
- Track 30 : Gandalph_17, Priscilla_17, Bubbles123_18, FreddyB_17, Cabrinians_17
- Track 31 : Llij_17
- Track 32 : Hades_17, BigPhil_18, Velveteen_18
- Track 33 : Eradicator_17
- Track 34 : RedBird_17
- Track 35 : Mattes_17
- Track 36 : Karhdo_17, SiSi_17
- Track 37 : Strokeseat_17, Hlubikazi_17, Mandlovu_17
- Track 38 : OwlsT2W_19
- Track 39 : Kersh_18
- Track 40 : lbhubesi_17
- Track 41 : DRBy19_17, BobaPhett_17, SwagPigglett_17, Philus_17, TDanisky_17, Vivum_17, GigiOuiOui_17, BuzzLyseyear_19, WillSterrel_18, Sparkdehlily_17, LilMoolah_17, IrishSherpFalk_18
- Track 42 : Moonbeam_18, Bobi_19
- Track 43 : GUmbie_17, Phasih_18, Ruby_17
- Track 44 : Mozy_18
- Track 45 : Llama_17, Ochi17_17
- Track 46 : SuperGrey_18
- Track 47 : DotProduct_17
- Track 48 : NewHope4_18, Polo2Bam_19
- Track 49 : MinionDave_18
- Track 50 : Brushbloom_19
- Track 51 : Nitzel_18
- Track 52 : Nivrat_17, Burwell21_17, ShowerHandel_17, Yorick_17, Jarcob_17, Martik_17, Zizzle_17, Lizziana_17
- Track 53 : PhesterPhotato_17, Jant_17
- Track 54 : ByChance_17, OlympiaSaint_17, Spoonbill_17
- Track 55 : Chuckly_17
- Track 56 : Ramsey_18, Nimbo_17, Blexus_17, Stap_18, Inventum_17, Poenanya_17, Deb65_17, Sassafras_17
- Track 57 : EleanorGeorge_17
- Track 58 : Rialto_19, Starcevich_18
- Track 59 : Che8_17
- Track 60 : Violac_18
- Track 61 : DaWorst_19
- Track 62 : Spartacus_18, LunaBlu_18
- Track 63 : Whouxphf_17, Spikelee_18, ShroomBoi_17
- Track 64 : Donkeykong_17
- Track 65 : Geralt_17
- Track 66 : Gorge_17, James_17, Saal_17, BodEinwohner17_17
- Track 67 : Krakatau_18, Latretium_18
- Track 68 : Hegedechwinu_18
- Track 69 : Pollywog_20
- Track 70 : DosHalletts_18
- Track 71 : Royals2015_17
- Track 72 : Wachhund_17
- Track 73 : ArcusAngelus_17, Chevrolet_17
- Track 74 : Oksu_18
- Track 75 : Phalconet_17
- Track 76 : Guppsters_18
- Track 77 : Mahavrat_17

- Track 78 : Eish_17, DillTech15_17
- Track 79 : DoRead_17
- Track 80 : Awesomesauce_18
- Track 81 : Grimmer_18, Juniper1_17
- Track 82 : RockyHorror_18
- Track 83 : Cornucopia_18, Marker_18
- Track 84 : Leperchaun_17
- Track 85 : Harley_17
- Track 86 : Bipolar_17
- Track 87 : Beakin_18
- Track 88 : Sandalphon_18
- Track 89 : KingJulian_17, Corium_17, Fastidio_17
- Track 90 : MadMen_18
- Track 91 : Ogopogo_20
- Track 92 : Byougenkin_17
- Track 93 : Doomphist_17
- Track 94 : Estave1_17
- Track 95 : CaptainTrips_18
- Track 96 : Frankie_18
- Track 97 : Cheesepuff_20
- Track 98 : Rita_17
- Track 99 : Filuzino_17
- Track 100 : Kenuha5_17
- Track 101 : Squirty_18
- Track 102 : LunaStella_19, TChen_18
- Track 103 : Renaud18_19
- Track 104 : Cornie_19, ThetaBob_19
- Track 105 : Toron_19
- Track 106 : Xula_19, Brujita_20, QueenHazel_20, Island3_20
- Track 107 : HC_20, Babsiella_20
- Track 108 : Stuck_22
- Track 109 : Sbash_18
- Track 110 : Che9c_18
- Track 111 : NihilNomen_37, Dove_35, Yeet_36, Odette_37, Ejimix_38, Bombitas_34, Schatzie_35, Pound_39, Hughesyang_36
- Track 112 : Courthouse_35, MiaZeal_35, Squint_34, Ariel_35, Porcelain_34, Superphikiman_35
- Track 113 : Shaboozey_29, KashFlow_29, Hannaconda_32
- Track 114 : Marleymoo_42, Bobby_39, Constella_32
- Track 115 : HokkenD_33, Zelink_39, Bagrid_37, Kalah2_38, Klein_38, Dallas_39, ThreeRngTarjay_36, JuicyJay_40, Halley_38, Phoebus_37, Redno2_36, Beem_38
- Track 116 : LittleE_38, Gonephishing_33
- Track 117 : Optimus_36, Duke13_35, DmpstrDiver_36
- Track 118 : Wanda_38, BAKA_35
- Track 119 : Thibault_34
- Track 120 : Minerva_38
- Track 121 : Rearden_32
- Track 122 : Nekros_35
- Track 123 : EricMillard_38
- Track 124 : Omega_37
- Track 125 : Lucky2013_35
- Track 126 : Kevin1_19

- Track 127 : Journey_19, Smurph_19, Schnauzer_19, Gex_19, Carcharodon_19, Melville_19, Silvy_19, Charlie_19, Parmesanjohn_19, Duplicity_19, Silvafighter_19, Xerxes_19, Tortoise12_19, Philonius_19, EGUunicorn_20, Phloss_19, Pipsqueaks_19, Aggie_19, Chewbacca_19
- Track 128 : Andies_19, Bosection6_19, Fulbright_19, Scitech_19, Magsby_19, Xeno_19, Tapioca_19
- Track 129 : MichelleMyBell_19, Butters_19, Rubeelu_19
- Track 130 : Jamie19_19, Panchino_19, PhancyPhin_19, Rebel_19, Shweta_19, ShrimpFriedEgg_19, Redi_19, Snekmaggedon_19, Phrann_19, Raymond7_19, Nenae_19, Purgamenstris_19, Hanako_19, SkinnyPete_19, SpongeBob_19, BabeRuth_19
- Track 131 : Vagabond_57, Krili_56, YungJamal_62, Mori_57, Blessica_58, Wildflower_57, Corndog_60, KingPhillip3_56, Dylan_57, NiebruSaylor_56, Murai_58, Schuy_58, Familton_58, Winget_58, MadKillah_58, TelAviv_54, Catdawg_57, Idergollasper_57, Zebo_56, SchoolBus_57, Firecracker_58, JangDynasty_57, Ashwin_59, Zakhe101_57, FoulBall_57, Vorrrps_57, Wogge42_56
- Track 132 : Bora_55, Shida_57, Ryadel_61, Alkhayr_55, Smooch_60
- Track 133 : Sonah_20, Jung_20, Fishburne_20, Techage_20, Willsammy_20, Jebeks_20, Etoile_20, Zilizebeth_20, Kari_20, Juniormint_20, Bartholomew_20, Dynamo_20, Donovan_20, Necropolis_20, HUHilltop_20, Vidya_20, FirstPlacePfu_20, Camster_20, Phineas_20, Langerak_20, GreaseLightnin_20, Bunnies_20, Ksquared_20, Pygmy_19
- Track 134 : Atcoo_20, Bhagsy_20, Brusacoram_20, Venti_20, Thespis_20
- Track 135 : Phegasus_20, Mangethe_20, Majeke_20, Arib1_20
- Track 136 : Bogie_19, Shipwreck_19
- Track 137 : CactusJack_20, StressBall_20, Glaske_20, Megiddo_20, Gavriela_20, KilKor_20, Phalm_20, Malithi_20
- Track 138 : Polkaroo_20
- Track 139 : StevieRay_20
- Track 140 : Tortellini_19
- Track 141 : Xavia_20
- Track 142 : BigNuz_19, Nazo_19
- Track 143 : Phayonce_19
- Track 144 : ThulaThula_19
- Track 145 : Purky_19
- Track 146 : MooMoo_17

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

The start number called the most often in the published annotations is 17, it was called in 195 of the 387 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aggie_19, Akhila_18, Alexphander_19, Aloeri_18, AlpineSix_17, Andies_19, ArcusAngelus_17, Aubs_17, Awesomesauce_18, BabeRuth_19, Beakin_18, Blexus_17, BobaPhett_17, Bosection6_19, Brookers_18, Brushbloom_19, Bubbles123_18, Burwell21_17, Butters_19, BuzzLyseyear_19, Byougenkin_17, Cabrinians_17, Carcharodon_19, Cerasum_18, Charlie_19, Che8_17, CheesePuff_20, Chevrolet_17, Chewbacca_19, ChickenDinner_18, Chuckly_17, Coco12_19, Corium_17, Cornucopia_18, Crumble_17, DLane_17, DRBy19_17,

DaWorst_19, DaddyRickover_17, Daenerys_17, DeadP_17, Deb65_17, DillTech15_17, DirtMcgirt_18, DoRead_17, DocMcStuffins_18, Donkeykong_17, Doug_18, Duplicity_19, EGUnicorn_20, Eish_17, EmiMonkey_17, Emmaloid_19, Enby_18, Eradicator_17, Estave1_17, Fancypants_17, Fastidio_17, Filuzino_17, Firehouse51_18, Flathead_18, Florinda_17, FreddyB_17, Fulbright_19, Galactic_17, Gandolph_17, Geralt_17, Gex_19, GigiOuiOui_17, Girafales_18, Girr_17, Grimmer_18, Guppsters_18, Hamulus_17, Hanako_19, Harley_17, Hegedechwinu_18, Hlubikazi_17, IMpilo_17, IbOuu_17, Inventum_17, IrishSherpFalk_18, JalFarm20_19, Jamie19_19, Jant_17, Jacob_17, Jinglebell_16, Journey_19, Juice456_19, Juniper1_17, Karhdo_17, Kenuha5_17, Kevin1_19, KingJulian_17, KingMidas_18, Kingsley_18, Krakatau_18, KristaRAM_18, LastJedi_17, Latretium_18, Leozinho_18, Leperchaun_17, LilMoolah_17, LittleShirley_18, Lizziana_17, Lorde_18, LunaBlu_18, LunaStella_19, MadMen_18, Madiba_18, Magsby_19, Mahavrat_17, Mandlovu_17, Mantra_17, Maravista_17, Marker_18, Martik_17, Melissau88_17, Melville_19, MichelleMyBell_19, MilanaBonita_18, MinionDave_18, Minnie_18, MisterCuddles_17, Modragons_17, Mova_18, Ms6_17, MulchExplorer_20, MulchSalad_17, Nenae_19, NewHope4_18, Nimbo_17, Nitzel_18, Nivrat_17, OfUltron_17, OldBen_17, PHappiness_17, PMC_17, Panchino_19, Parmesanjohn_19, Phalconet_17, PhancyPhin_19, Phanphagia_17, Phatniss_18, PhesterPhotato_17, Philonius_19, Philus_17, PhilipPhlop_17, Phloss_19, Phrann_19, Piper2020_18, Pippy_17, Pipsqueaks_19, Plumbus_18, Poenanya_17, Polka14_18, Pollywog_20, Polo2Bam_19, PopTart_17, Priscilla_17, Purgamenstris_19, Quico_18, Radiance_17, Ramsey_18, Raymond7_19, Rebel_19, RedBird_17, Redi_19, Rita_17, Rockne_17, RockyHorror_18, Royals2015_17, Rubeelu_19, Sabbb_18, Sandalphon_18, Sarma624_18, Sassafras_17, SassyB_17, Schnauzer_19, Scitech_19, Scottish_18, Seabastian_17, Seagreen_18, ShowerHandel_17, ShrimpFriedEgg_19, ShroomBoi_17, Shweta_19, SiSi_17, Silvafighter_19, Silvy_19, SimranZ1_18, SkinnyPete_19, Slim_19, Smurph_19, Snekmaggon_19, Sparkdehlily_17, Spartacus_18, Spikelee_18, SpongeBob_19, Squirty_18, StAnnes_17, Stap_18, Strokeseat_17, SwagPigglett_17, TChen_18, TDanisky_17, Tapioca_19, Tchotchke_18, Tootsieroll_18, Tortoise12_19, Totinger_18, UncleRicky_18, Veteran_17, Violac_18, Vivum_17, Wachhund_17, Whouxphf_17, WillSterrel_18, XFactor_17, Xeno_19, Xerxes_19, Yorick_17, Zerg_17, Zizzle_17,

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

- Ardmore_17, Batiatus_17, BigPhil_18, Bipolar_17, BlueCrab_17, Bobi_19, BodEinwohner17_17, Boomer_18, Brocalys_17, ByChance_17, CaptainTrips_18, Clifton_17, Dante_17, Doomphist_17, Dorothy_17, DosHalletts_18, DotProduct_17, Drago_18, EleanorGeorge_17, Emma_17, Empress_18, Frankie_18, Fruitloop_17, GUmbie_17, Gorge_17, Hades_17, Ibhuesi_17, James_17, Job42_20, JoeyJr_17, Kersh_18, Kimberlium_19, Koella_17, Llama_17, Llij_17, Mattes_17, MilleniumForce_18, Misha28_18, Moonbeam_18, Mozy_18, Mutaforma13_17, NormanBulbieJr_17, Ochi17_17, Ogopogo_20, OlympiaSaint_17, Ovechkin_17, OwlsT2W_19, Pacc40_17, Phasih_18, QuickMath_18, Rialto_19, RitaG_17, Ruby_17, SG4_17, Saal_17, Shauna1_17, ShiLan_17, Spoonbill_17, Starcevich_18, SuperGrey_18, Taj_17, TootsiePop_18, Tweety_17, VRedHorse_17, Velveteen_18, Wee_18, Whatsapiecost_17,

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

- Alkhayr_55, Arib1_20, Ariel_35, Ashwin_59, Atcoo_20, BAKA_35, Babsiella_20, Bagrid_37, Bartholomew_20, Beem_38, Bhagsy_20, BigNuz_19, Blessica_58, Bobby_39, Bogie_19, Bombitas_34, Bora_55, Brujita_20, Brusacorram_20,

Bunnies_20, CactusJack_20, Camster_20, Catdawg_57, Che9c_18, Constella_32, Corndog_60, Cornie_19, Courthouse_35, Dallas_39, DmpstrDiver_36, Donovan_20, Dove_35, Duke13_35, Dylan_57, Dynamo_20, Ejimix_38, EricMillard_38, Etoile_20, Familton_58, Firecracker_58, FirstPlacePfu_20, Fishburne_20, FoulBall_57, Gavriela_20, Glaske_20, Gonephishing_33, GreaseLightnin_20, HC_20, HUHilltop_20, Halley_38, Hannaconda_32, HokkenD_33, Hughesyang_36, Idergollasper_57, Island3_20, JangDynasty_57, Jebeks_20, JuicyJay_40, Jung_20, Juniormint_20, Kalah2_38, Kari_20, KashFlow_29, KilKor_20, KingPhillip3_56, Klein_38, Krili_56, Ksquared_20, Langerak_20, LittleE_38, Lucky2013_35, MadKillah_58, Majeke_20, Malithi_20, Mangethe_20, Marleymoo_42, Megiddo_20, MiaZeal_35, Minerva_38, MooMoo_17, Mori_57, Murai_58, Nazo_19, Necropolis_20, Nekros_35, NiebruSaylor_56, NihilNomen_37, Odette_37, Oksu_18, Omega_37, Optimus_36, Phalm_20, Phayonce_19, Phegasus_20, Phineas_20, Phoebus_37, Polkaroo_20, Porcelain_34, Pound_39, Purky_19, Pygmy_19, QueenHazel_20, Rearden_32, Redno2_36, Renaud18_19, Ryadel_61, Sbash_18, Schatzie_35, SchoolBus_57, Schuy_58, Shaboozey_29, Shida_57, Shipwreck_19, Smooch_60, Sonah_20, Squint_34, StevieRay_20, StressBall_20, Stuck_22, Superphikiman_35, Techage_20, TelAviv_54, Thespis_20, ThetaBob_19, Thibault_34, ThreeRngTarjay_36, ThulaThula_19, Toron_19, Tortellini_19, Vagabond_57, Venti_20, Vidya_20, Vorrrps_57, Wanda_38, Wildflower_57, Willsammy_20, Winget_58, Wogge42_56, Xavia_20, Xula_19, Yeet_36, YungJamal_62, Zakhe101_57, Zebo_56, Zelink_39, Zilizebeth_20,

Summary by start number:

Start 10:

- Found in 125 of 437 (28.6%) of genes in pham
- Manual Annotations of this start: 38 of 387
- Called 31.2% of time when present
- Phage (with cluster) where this start called: Ardmore_17 (F1), Batiatus_17 (F1), BigPhil_18 (F1), Bipolar_17 (F1), Bobi_19 (F1), Boomer_18 (F1), Brocalys_17 (F1), ByChance_17 (F1), CaptainTrips_18 (F1), Clifton_17 (F1), Dante_17 (F1), DosHalletts_18 (F1), DotProduct_17 (F1), Drago_18 (F1), EleanorGeorge_17 (F1), Emma_17 (F1), Frankie_18 (F1), Fruitloop_17 (F1), Hades_17 (F1), Job42_20 (F1), Kimberlium_19 (F1), Koella_17 (F1), MilleniumForce_18 (F1), Moonbeam_18 (F1), Mutaforma13_17 (F1), OlympiaSaint_17 (F1), Ovechkin_17 (F1), OwlsT2W_19 (F1), QuickMath_18 (F1), RitaG_17 (F1), SG4_17 (F1), Shauna1_17 (F1), Spoonbill_17 (F1), SuperGrey_18 (F1), Taj_17 (F1), Tweety_17 (F1), Velveteen_18 (F1), Wee_18 (F1), Whatsapiecost_17 (F1),

Start 11:

- Found in 119 of 437 (27.2%) of genes in pham
- Manual Annotations of this start: 27 of 387
- Called 22.7% of time when present
- Phage (with cluster) where this start called: BlueCrab_17 (F1), BodEinwohner17_17 (F1), Doomphist_17 (F1), Dorothy_17 (F1), Empress_18 (F1), GUmble_17 (F1), Gorge_17 (F1), lbhubesi_17 (F1), James_17 (F1), JoeyJr_17 (F1), Kersh_18 (F1), Llama_17 (F1), Llij_17 (F1), Misha28_18 (F1), Mozy_18 (F1), NormanBulbieJr_17 (F1), Ochi17_17 (F1), Ogopogo_20 (F1), Pacc40_17 (F1), Phasih_18 (F1), Rialto_19 (F1), Ruby_17 (F1), Saal_17 (F1), ShiLan_17 (F1), Starcevich_18 (F1), TootsiePop_18 (F1), VRedHorse_17 (F1),

Start 12:

- Found in 52 of 437 (11.9%) of genes in pham
- Manual Annotations of this start: 46 of 387
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Arib1_20 (P1), Atcoo_20 (P1), Bartholomew_20 (P1), Bhagsy_20 (P1), BigNuz_19 (P4), Bogie_19 (P1), Brusacoram_20 (P1), Bunnies_20 (P1), CactusJack_20 (P1), Camster_20 (P1), Donovan_20 (P1), Dynamo_20 (P1), Etoile_20 (P1), FirstPlacePfu_20 (P1), Fishburne_20 (P1), Gavriela_20 (P1), Glaske_20 (P1), GreaseLightnin_20 (P1), HUHilltop_20 (P1), Jebeks_20 (P1), Jung_20 (P1), Juniormint_20 (P1), Kari_20 (P1), KilKor_20 (P1), Ksquared_20 (P1), Langerak_20 (P1), Majeke_20 (P1), Malithi_20 (P1), Mangethe_20 (P1), Megiddo_20 (P1), Nazo_19 (P4), Necropolis_20 (P1), Phalm_20 (P1), Phayonce_19 (P5), Phegasus_20 (P1), Phineas_20 (P1), Polkaroo_20 (P1), Purky_19 (P6), Pygmy_19 (P1), Shipwreck_19 (P1), Sonah_20 (P1), StevieRay_20 (P1), StressBall_20 (P1), Techage_20 (P1), Thespis_20 (P1), ThulaThula_19 (P5), Tortellini_19 (P2), Venti_20 (P1), Vidya_20 (P1), Willsammy_20 (P1), Xavia_20 (P3), Zilizebeth_20 (P1),

Start 13:

- Found in 42 of 437 (9.6%) of genes in pham
- Manual Annotations of this start: 37 of 387
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alkhayr_55 (O), Ashwin_59 (O), Babsiella_20 (I1), Blessica_58 (O), Bora_55 (O), Brujita_20 (I1), Catdawg_57 (O), Che9c_18 (I2), Corndog_60 (O), Dylan_57 (O), Familton_58 (O), Firecracker_58 (O), FoulBall_57 (O), HC_20 (I1), Idergollasper_57 (O), Island3_20 (I1), JangDynasty_57 (O), KingPhillip3_56 (O), Krili_56 (O), MadKillah_58 (O), MooMoo_17 (singleton), Mori_57 (O), Murai_58 (O), NiebruSaylor_56 (O), QueenHazel_20 (I1), Ryadel_61 (O), Sbash_18 (I2), SchoolBus_57 (O), Schuy_58 (O), Shida_57 (O), Smooch_60 (O), Stuck_22 (I2), TelAviv_54 (O), Vagabond_57 (O), Vorrps_57 (O), Wildflower_57 (O), Winget_58 (O), Wogge42_56 (O), Xula_19 (I1), YungJamal_62 (O), Zakhe101_57 (O), Zebo_56 (O),

Start 15:

- Found in 4 of 437 (0.9%) of genes in pham
- Manual Annotations of this start: 3 of 387
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Cornie_19 (F5), Renaud18_19 (F4), ThetaBob_19 (F4), Toron_19 (F6),

Start 16:

- Found in 1 of 437 (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: Oksu_18 (F1),

Start 17:

- Found in 291 of 437 (66.6%) of genes in pham
- Manual Annotations of this start: 195 of 387
- Called 77.0% of time when present
- Phage (with cluster) where this start called: Aggie_19 (N), Akhila_18 (F1), Alexphander_19 (F1), Aloeri_18 (F1), AlpineSix_17 (F1), Andies_19 (N), ArcusAngelus_17 (F1), Aubs_17 (F1), Awesomesauce_18 (F1), BabeRuth_19 (N), Beakin_18 (F1), Blexus_17 (F1), BobaPhett_17 (F1), Bosection6_19 (N),

Brookers_18 (F1), Brushbloom_19 (F1), Bubbles123_18 (F1), Burwell21_17 (F1), Butters_19 (N), BuzzLyseyear_19 (F1), Byougenkin_17 (F1), Cabrinians_17 (F1), Carcharodon_19 (N), Cerasum_18 (F1), Charlie_19 (N), Che8_17 (F1), Cheesepuff_20 (F1), Chevrolet_17 (F1), Chewbacca_19 (N), ChickenDinner_18 (F1), Chuckly_17 (F1), Coco12_19 (F1), Corium_17 (F1), Cornucopia_18 (F1), Crumble_17 (F1), DLane_17 (F1), DRBy19_17 (F1), DaWorst_19 (F1), DaddyRickover_17 (F1), Daenerys_17 (F1), DeadP_17 (F1), Deb65_17 (F1), DillTech15_17 (F1), DirtMcgirt_18 (F1), DoRead_17 (F1), DocMcStuffins_18 (F1), Donkeykong_17 (F1), Doug_18 (F1), Duplicity_19 (N), EGUnicorn_20 (N), Eish_17 (F1), EmiMonkey_17 (F1), Emmaloid_19 (F1), Enby_18 (F1), Eradicator_17 (F1), Estave1_17 (F1), Fancypants_17 (F1), Fastidio_17 (F1), Filuzino_17 (F1), Firehouse51_18 (F1), Flathead_18 (F1), Florinda_17 (F1), FreddyB_17 (F1), Fulbright_19 (N), Galactic_17 (F1), Gandolph_17 (F1), Geralt_17 (F1), Gex_19 (N), GigiOuiOui_17 (F1), Girafales_18 (F1), Girr_17 (F1), Grimmer_18 (F1), Guppsters_18 (F1), Hamulus_17 (F1), Hanako_19 (N), Harley_17 (F1), Hegedechwinu_18 (F1), Hlubikazi_17 (F1), IMPilo_17 (F1), IbOuu_17 (F1), Inventum_17 (F1), IrishSherpFalk_18 (F1), JalFarm20_19 (F1), Jamie19_19 (N), Jant_17 (F1), Jarcob_17 (F1), Jinglebell_16 (F1), Journey_19 (N), Juice456_19 (F1), Juniper1_17 (F1), Karhdo_17 (F1), Kenuha5_17 (F1), Kevin1_19 (N), KingJulian_17 (F1), KingMidas_18 (F1), Kingsley_18 (F1), Krakatau_18 (F1), KristaRAM_18 (F1), LastJedi_17 (F1), Latretium_18 (F1), Leozinho_18 (F1), Leperchaun_17 (F1), LilMoolah_17 (F1), LittleShirley_18 (F1), Lizziana_17 (F1), Lorde_18 (F1), LunaBlu_18 (F1), LunaStella_19 (F4), MadMen_18 (F1), Madiba_18 (F1), Magsby_19 (N), Mahavrat_17 (F1), Mandlovu_17 (F1), Mantra_17 (F1), Maravista_17 (F1), Marker_18 (F1), Martik_17 (F1), Melissauren88_17 (F1), Melville_19 (N), MichelleMyBell_19 (N), MilanaBonita_18 (F1), MinionDave_18 (F1), Minnie_18 (F1), MisterCuddles_17 (F1), Modragons_17 (F1), Mova_18 (F1), Ms6_17 (F1), MulchExplorer_20 (F1), MulchSalad_17 (F), Nenae_19 (N), NewHope4_18 (F1), Nimbo_17 (F1), Nitzel_18 (F1), Nivrat_17 (F1), OfUltron_17 (F1), OldBen_17 (F1), PHappiness_17 (F1), PMC_17 (F1), Panchino_19 (N), Parmesanjohn_19 (N), Phalconet_17 (F1), PhancyPhin_19 (N), Phanphagia_17 (F1), Phatniss_18 (F1), PhesterPhotato_17 (F1), Pilonius_19 (N), Philus_17 (F1), PhilipPhlop_17 (F1), Phloss_19 (N), Phrann_19 (N), Piper2020_18 (F1), Pippy_17 (F1), Pipsqueaks_19 (N), Plumbus_18 (F1), Poenanya_17 (F1), Polka14_18 (F1), Pollywog_20 (F1), Polo2Bam_19 (F1), PopTart_17 (F1), Priscilla_17 (F1), Purgamenstris_19 (N), Quico_18 (F1), Radiance_17 (F1), Ramsey_18 (F1), Raymond7_19 (N), Rebel_19 (N), RedBird_17 (F1), Redi_19 (N), Rita_17 (F1), Rockne_17 (F1), RockyHorror_18 (F1), Royals2015_17 (F1), Rubeelu_19 (N), Sabbb_18 (F1), Sandalphon_18 (F1), Sarma624_18 (F1), Sassafras_17 (F1), SassyB_17 (F1), Schnauzer_19 (N), Scitech_19 (N), Scottish_18 (F1), Seabastian_17 (F1), Seagreen_18 (F1), ShowerHandel_17 (F1), ShrimpFriedEgg_19 (N), ShroomBoi_17 (F1), Shweta_19 (N), SiSi_17 (F1), Silvafighter_19 (N), Silvy_19 (N), SimranZ1_18 (F1), SkinnyPete_19 (N), Slim_19 (F1), Smurph_19 (N), Snekmaggedon_19 (N), Sparkdehlily_17 (F1), Spartacus_18 (F1), Spikelee_18 (F1), SpongeBob_19 (N), Squirty_18 (F3), StAnnes_17 (F1), Stap_18 (F1), Strokeseat_17 (F1), SwagPiggett_17 (F1), TChen_18 (F4), TDanisky_17 (F1), Tapioca_19 (N), Tchochke_18 (F1), Tootsieroll_18 (F1), Tortoise12_19 (N), Totinger_18 (F1), UncleRicky_18 (F1), Veteran_17 (F1), Violac_18 (F1), Vivum_17 (F1), Wachhund_17 (F1), Whouxphf_17 (F1), WillSterrel_18 (F1), XFactor_17 (F1), Xeno_19 (N), Xerxes_19 (N), Yorick_17 (F1), Zerg_17 (F1), Zizzle_17 (F1),

Start 18:

- Found in 34 of 437 (7.8%) of genes in pham

- Manual Annotations of this start: 29 of 387
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BAKA_35 (J), Bagrid_37 (J), Beem_38 (J), Bobby_39 (J), Bombitas_34 (J), Constella_32 (J), Dallas_39 (J), DmpstrDiver_36 (J), Dove_35 (J), Duke13_35 (J), Ejimix_38 (J), EricMillard_38 (J), Halley_38 (J), HokkenD_33 (J), Hughesyang_36 (J), JuicyJay_40 (J), Kalah2_38 (J), Klein_38 (J), Marleymoo_42 (J), Minerva_38 (J), Nekros_35 (J), NihilNomen_37 (J), Odette_37 (J), Optimus_36 (J), Phoebus_37 (J), Pound_39 (J), Rearden_32 (J), Redno2_36 (J), Schatzie_35 (J), Thibault_34 (J), ThreeRngTarjay_36 (J), Wanda_38 (J), Yeet_36 (J), Zelink_39 (J),

Start 19:

- Found in 13 of 437 (3.0%) of genes in pham
- Manual Annotations of this start: 11 of 387
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ariel_35 (J), Courthouse_35 (J), Gonephishing_33 (J), Hannaconda_32 (J), KashFlow_29 (J), LittleE_38 (J), Lucky2013_35 (J), MiaZeal_35 (J), Omega_37 (J), Porcelain_34 (J), Shaboozey_29 (J), Squint_34 (J), Superphikiman_35 (J),

Start 25:

- Found in 296 of 437 (67.7%) of genes in pham
- Manual Annotations of this start: 1 of 387
- Called 0.3% of time when present
- Phage (with cluster) where this start called: Mattes_17 (F1),

Summary by clusters:

There are 18 clusters represented in this pham: P2, F1, F, P1, P6, P4, F6, P5, I1, P3, J, singleton, O, N, F3, F4, I2, F5,

Info for manual annotations of cluster F1:

- Start number 10 was manually annotated 38 times for cluster F1.
- Start number 11 was manually annotated 27 times for cluster F1.
- Start number 17 was manually annotated 150 times for cluster F1.
- Start number 25 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F3:

- Start number 17 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:

- Start number 15 was manually annotated 2 times for cluster F4.
- Start number 17 was manually annotated 2 times for cluster F4.

Info for manual annotations of cluster F5:

- Start number 15 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster I1:

- Start number 13 was manually annotated 6 times for cluster I1.

Info for manual annotations of cluster I2:

- Start number 13 was manually annotated 2 times for cluster I2.

Info for manual annotations of cluster J:

- Start number 18 was manually annotated 29 times for cluster J.
- Start number 19 was manually annotated 11 times for cluster J.

Info for manual annotations of cluster N:

- Start number 17 was manually annotated 42 times for cluster N.

Info for manual annotations of cluster O:

- Start number 13 was manually annotated 28 times for cluster O.

Info for manual annotations of cluster P1:

- Start number 12 was manually annotated 39 times for cluster P1.

Info for manual annotations of cluster P2:

- Start number 12 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:

- Start number 12 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:

- Start number 12 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:

- Start number 12 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:

- Start number 12 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: Aggie_19 Start: 16715, Stop: 17557, Start Num: 17

Candidate Starts for Aggie_19:

(Start: 17 @16715 has 195 MA's), (28, 16802), (30, 16808), (36, 16850), (38, 16877), (43, 16916), (49, 16991), (51, 17000), (61, 17093), (72, 17153), (83, 17249), (88, 17270), (91, 17294), (94, 17309), (104, 17384), (108, 17420), (113, 17471), (119, 17528), (122, 17543),

Gene: Akhila_18 Start: 17240, Stop: 18070, Start Num: 17

Candidate Starts for Akhila_18:

(Start: 10 @17222 has 38 MA's), (Start: 17 @17240 has 195 MA's), (21, 17252), (22, 17276), (Start: 25 @17291 has 1 MA's), (32, 17336), (35, 17366), (38, 17396), (39, 17420), (49, 17510), (51, 17519), (56, 17567), (61, 17612), (62, 17618), (63, 17621), (68, 17645), (71, 17663), (80, 17726), (82, 17735), (85, 17774), (88, 17789), (93, 17825), (94, 17828), (95, 17837), (96, 17861), (100, 17882), (109, 17951), (118, 18008), (119, 18038),

Gene: Alexphander_19 Start: 17096, Stop: 17926, Start Num: 17

Candidate Starts for Alexphander_19:

(Start: 10 @17078 has 38 MA's), (Start: 17 @17096 has 195 MA's), (21, 17108), (22, 17132), (Start: 25 @17147 has 1 MA's), (32, 17192), (35, 17222), (38, 17252), (39, 17276), (49, 17366), (51, 17375), (56, 17423), (61, 17468), (62, 17474), (63, 17477), (68, 17501), (69, 17504), (71, 17519), (80, 17582), (82,

17591), (85, 17630), (88, 17645), (93, 17681), (94, 17684), (95, 17693), (96, 17717), (100, 17738), (109, 17807), (118, 17864), (119, 17894),

Gene: Alkhayr_55 Start: 34965, Stop: 35813, Start Num: 13

Candidate Starts for Alkhayr_55:

(Start: 13 @34965 has 37 MA's), (14, 34971), (20, 34986), (24, 35025), (29, 35070), (37, 35124), (48, 35238), (70, 35382), (72, 35403), (82, 35466), (91, 35544), (109, 35694), (115, 35730), (120, 35790),

Gene: Aloeri_18 Start: 16444, Stop: 17274, Start Num: 17

Candidate Starts for Aloeri_18:

(Start: 11 @16429 has 27 MA's), (Start: 17 @16444 has 195 MA's), (21, 16456), (22, 16480), (Start: 25 @16495 has 1 MA's), (32, 16540), (35, 16570), (38, 16600), (39, 16624), (40, 16630), (49, 16714), (51, 16723), (56, 16771), (61, 16816), (62, 16822), (63, 16825), (68, 16849), (71, 16867), (80, 16930), (82, 16939), (85, 16978), (88, 16993), (93, 17029), (94, 17032), (95, 17041), (96, 17065), (100, 17086), (106, 17113), (109, 17155), (118, 17212), (119, 17242),

Gene: AlpineSix_17 Start: 16807, Stop: 17637, Start Num: 17

Candidate Starts for AlpineSix_17:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: Andies_19 Start: 16711, Stop: 17553, Start Num: 17

Candidate Starts for Andies_19:

(Start: 17 @16711 has 195 MA's), (28, 16798), (36, 16846), (38, 16873), (43, 16912), (49, 16987), (51, 16996), (61, 17089), (72, 17149), (83, 17245), (88, 17266), (91, 17290), (94, 17305), (104, 17380), (108, 17416), (113, 17467), (119, 17524), (122, 17539),

Gene: ArcusAngelus_17 Start: 16611, Stop: 17441, Start Num: 17

Candidate Starts for ArcusAngelus_17:

(Start: 11 @16596 has 27 MA's), (Start: 17 @16611 has 195 MA's), (21, 16623), (22, 16647), (Start: 25 @16662 has 1 MA's), (32, 16707), (39, 16791), (40, 16797), (49, 16881), (51, 16890), (56, 16938), (61, 16983), (62, 16989), (63, 16992), (68, 17016), (69, 17019), (82, 17106), (85, 17145), (88, 17160), (89, 17163), (93, 17196), (94, 17199), (95, 17208), (96, 17232), (100, 17253), (109, 17322), (118, 17379), (119, 17409),

Gene: Ardmore_17 Start: 16602, Stop: 17450, Start Num: 10

Candidate Starts for Ardmore_17:

(Start: 10 @16602 has 38 MA's), (Start: 17 @16620 has 195 MA's), (21, 16632), (22, 16656), (Start: 25 @16671 has 1 MA's), (32, 16716), (35, 16746), (38, 16776), (39, 16800), (49, 16890), (51, 16899), (56, 16947), (61, 16992), (62, 16998), (63, 17001), (68, 17025), (71, 17043), (80, 17106), (82, 17115), (85, 17154), (88, 17169), (93, 17205), (94, 17208), (95, 17217), (96, 17241), (100, 17262), (109, 17331), (118, 17388), (119, 17418),

Gene: Arib1_20 Start: 18150, Stop: 19043, Start Num: 12

Candidate Starts for Arib1_20:

(Start: 12 @18150 has 46 MA's), (Start: 25 @18204 has 1 MA's), (27, 18228), (31, 18252), (39, 18330), (46, 18384), (53, 18444), (64, 18552), (83, 18720), (84, 18723), (94, 18777), (104, 18861), (105, 18864), (109, 18918), (122, 19026), (123, 19029),

Gene: Ariel_35 Start: 26490, Stop: 27341, Start Num: 19

Candidate Starts for Ariel_35:

(Start: 19 @26490 has 11 MA's), (21, 26496), (28, 26571), (35, 26613), (40, 26670), (45, 26715), (46, 26718), (54, 26811), (55, 26814), (57, 26835), (59, 26853), (66, 26904), (67, 26910), (71, 26928), (72, 26937), (85, 27042), (92, 27084), (96, 27126), (102, 27156), (109, 27216),

Gene: Ashwin_59 Start: 35735, Stop: 36583, Start Num: 13

Candidate Starts for Ashwin_59:

(Start: 13 @35735 has 37 MA's), (14, 35741), (20, 35756), (24, 35795), (29, 35840), (37, 35894), (48, 36008), (70, 36152), (72, 36173), (82, 36236), (91, 36314), (109, 36464), (120, 36560),

Gene: Atcoo_20 Start: 18019, Stop: 18912, Start Num: 12

Candidate Starts for Atcoo_20:

(Start: 12 @18019 has 46 MA's), (Start: 25 @18073 has 1 MA's), (27, 18097), (31, 18121), (33, 18142), (39, 18199), (42, 18211), (46, 18253), (53, 18313), (64, 18421), (83, 18589), (84, 18592), (88, 18610), (89, 18613), (90, 18625), (94, 18646), (104, 18730), (122, 18895), (123, 18898),

Gene: Aubs_17 Start: 16730, Stop: 17560, Start Num: 17

Candidate Starts for Aubs_17:

(Start: 10 @16712 has 38 MA's), (Start: 17 @16730 has 195 MA's), (21, 16742), (22, 16766), (Start: 25 @16781 has 1 MA's), (32, 16826), (35, 16856), (38, 16886), (39, 16910), (49, 17000), (51, 17009), (56, 17057), (61, 17102), (62, 17108), (63, 17111), (68, 17135), (69, 17138), (71, 17153), (82, 17225), (85, 17264), (94, 17318), (95, 17327), (96, 17351), (100, 17372), (109, 17441), (118, 17498), (119, 17528), (123, 17546),

Gene: Awesomesauce_18 Start: 16438, Stop: 17271, Start Num: 17

Candidate Starts for Awesomesauce_18:

(Start: 11 @16423 has 27 MA's), (Start: 17 @16438 has 195 MA's), (21, 16450), (22, 16474), (Start: 25 @16489 has 1 MA's), (32, 16534), (35, 16564), (49, 16711), (52, 16729), (56, 16768), (61, 16813), (62, 16819), (63, 16822), (68, 16846), (71, 16864), (80, 16927), (82, 16936), (85, 16975), (88, 16990), (93, 17026), (94, 17029), (95, 17038), (96, 17062), (100, 17083), (106, 17110), (109, 17152), (118, 17209), (119, 17239),

Gene: BAKA_35 Start: 29044, Stop: 29895, Start Num: 18

Candidate Starts for BAKA_35:

(Start: 18 @29044 has 29 MA's), (21, 29050), (28, 29125), (32, 29140), (40, 29224), (45, 29269), (46, 29272), (54, 29365), (55, 29368), (66, 29458), (67, 29464), (71, 29482), (72, 29491), (85, 29596), (92, 29638), (96, 29680), (102, 29710), (109, 29770),

Gene: BabeRuth_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for BabeRuth_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Babsiella_20 Start: 18177, Stop: 19028, Start Num: 13

Candidate Starts for Babsiella_20:

(Start: 13 @18177 has 37 MA's), (26, 18243), (41, 18378), (44, 18414), (50, 18462), (56, 18516), (60, 18558), (70, 18597), (72, 18618), (75, 18636), (79, 18681), (89, 18747), (98, 18834), (101, 18843), (103, 18858), (104, 18861), (105, 18864), (114, 18948), (120, 19005),

Gene: Bagrid_37 Start: 28812, Stop: 29663, Start Num: 18

Candidate Starts for Bagrid_37:

(Start: 18 @28812 has 29 MA's), (21, 28818), (28, 28893), (32, 28908), (40, 28992), (45, 29037), (47, 29046), (55, 29136), (66, 29226), (72, 29259), (73, 29265), (94, 29415), (96, 29448), (97, 29451), (107, 29517), (120, 29640), (122, 29646),

Gene: Bartholomew_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Bartholomew_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Batiatus_17 Start: 16603, Stop: 17451, Start Num: 10

Candidate Starts for Batiatus_17:

(Start: 10 @16603 has 38 MA's), (Start: 17 @16621 has 195 MA's), (21, 16633), (22, 16657), (Start: 25 @16672 has 1 MA's), (32, 16717), (35, 16747), (38, 16777), (39, 16801), (49, 16891), (51, 16900), (56, 16948), (61, 16993), (62, 16999), (63, 17002), (68, 17026), (71, 17044), (80, 17107), (82, 17116), (85, 17155), (88, 17170), (93, 17206), (94, 17209), (95, 17218), (96, 17242), (100, 17263), (109, 17332), (118, 17389), (119, 17419),

Gene: Beakin_18 Start: 16428, Stop: 17258, Start Num: 17

Candidate Starts for Beakin_18:

(Start: 11 @16413 has 27 MA's), (Start: 17 @16428 has 195 MA's), (21, 16440), (22, 16464), (Start: 25 @16479 has 1 MA's), (32, 16524), (35, 16554), (38, 16584), (39, 16608), (49, 16698), (51, 16707), (56, 16755), (61, 16800), (62, 16806), (63, 16809), (68, 16833), (69, 16836), (71, 16851), (80, 16914), (82, 16923), (85, 16962), (88, 16977), (93, 17013), (94, 17016), (95, 17025), (96, 17049), (100, 17070), (109, 17139), (118, 17196), (119, 17226),

Gene: Beem_38 Start: 29378, Stop: 30229, Start Num: 18

Candidate Starts for Beem_38:

(Start: 18 @29378 has 29 MA's), (21, 29384), (28, 29459), (32, 29474), (40, 29558), (45, 29603), (47, 29612), (55, 29702), (66, 29792), (72, 29825), (73, 29831), (94, 29981), (96, 30014), (97, 30017), (107, 30083), (120, 30206), (122, 30212),

Gene: Bhagsy_20 Start: 18151, Stop: 19044, Start Num: 12

Candidate Starts for Bhagsy_20:

(Start: 12 @18151 has 46 MA's), (Start: 25 @18205 has 1 MA's), (27, 18229), (31, 18253), (33, 18274), (39, 18331), (42, 18343), (46, 18385), (53, 18445), (64, 18553), (83, 18721), (84, 18724), (88, 18742), (89, 18745), (90, 18757), (94, 18778), (104, 18862), (122, 19027), (123, 19030),

Gene: BigNuz_19 Start: 17888, Stop: 18781, Start Num: 12

Candidate Starts for BigNuz_19:

(Start: 12 @17888 has 46 MA's), (Start: 25 @17942 has 1 MA's), (27, 17966), (28, 17978), (39, 18068), (64, 18290), (65, 18293), (94, 18515), (104, 18599), (105, 18602), (109, 18656), (110, 18668),

Gene: BigPhil_18 Start: 16381, Stop: 17229, Start Num: 10

Candidate Starts for BigPhil_18:

(Start: 10 @16381 has 38 MA's), (Start: 17 @16399 has 195 MA's), (21, 16411), (22, 16435), (Start: 25 @16450 has 1 MA's), (32, 16495), (35, 16525), (38, 16555), (39, 16579), (49, 16669), (51, 16678), (56, 16726), (61, 16771), (62, 16777), (63, 16780), (68, 16804), (71, 16822), (80, 16885), (82, 16894), (85, 16933), (88, 16948), (93, 16984), (94, 16987), (95, 16996), (96, 17020), (100, 17041), (109, 17110), (118, 17167), (119, 17197), (123, 17215),

Gene: Bipolar_17 Start: 16553, Stop: 17401, Start Num: 10

Candidate Starts for Bipolar_17:

(Start: 10 @16553 has 38 MA's), (Start: 17 @16571 has 195 MA's), (21, 16583), (22, 16607), (Start: 25 @16622 has 1 MA's), (32, 16667), (35, 16697), (38, 16727), (39, 16751), (49, 16841), (51, 16850), (56, 16898), (61, 16943), (62, 16949), (63, 16952), (68, 16976), (69, 16979), (71, 16994), (80, 17057), (82, 17066), (85, 17105), (88, 17120), (93, 17156), (94, 17159), (95, 17168), (96, 17192), (100, 17213), (104, 17234), (109, 17282), (118, 17339), (119, 17369),

Gene: Blessica_58 Start: 35564, Stop: 36412, Start Num: 13

Candidate Starts for Blessica_58:

(Start: 13 @35564 has 37 MA's), (14, 35570), (20, 35585), (24, 35624), (29, 35669), (37, 35723), (48, 35837), (70, 35981), (72, 36002), (82, 36065), (91, 36143), (109, 36293), (120, 36389),

Gene: Blexus_17 Start: 16759, Stop: 17589, Start Num: 17

Candidate Starts for Blexus_17:

(Start: 11 @16744 has 27 MA's), (Start: 17 @16759 has 195 MA's), (21, 16771), (22, 16795), (Start: 25 @16810 has 1 MA's), (32, 16855), (35, 16885), (38, 16915), (39, 16939), (49, 17029), (51, 17038), (53, 17050), (56, 17086), (62, 17137), (63, 17140), (68, 17164), (71, 17182), (80, 17245), (82, 17254), (88, 17308), (91, 17332), (94, 17347), (95, 17356), (96, 17380), (100, 17401), (106, 17428), (109, 17470), (118, 17527), (119, 17557),

Gene: BlueCrab_17 Start: 16726, Stop: 17571, Start Num: 11

Candidate Starts for BlueCrab_17:

(Start: 11 @16726 has 27 MA's), (Start: 17 @16741 has 195 MA's), (21, 16753), (22, 16777), (Start: 25 @16792 has 1 MA's), (32, 16837), (35, 16867), (38, 16897), (39, 16921), (49, 17011), (51, 17020), (56, 17068), (57, 17086), (61, 17113), (62, 17119), (63, 17122), (68, 17146), (69, 17149), (80, 17227), (82, 17236), (85, 17275), (88, 17290), (93, 17326), (94, 17329), (95, 17338), (96, 17362), (100, 17383), (105, 17407), (106, 17410), (109, 17452), (118, 17509), (119, 17539),

Gene: BobaPhett_17 Start: 16570, Stop: 17400, Start Num: 17

Candidate Starts for BobaPhett_17:

(Start: 11 @16555 has 27 MA's), (Start: 17 @16570 has 195 MA's), (21, 16582), (22, 16606), (Start: 25 @16621 has 1 MA's), (32, 16666), (35, 16696), (39, 16750), (49, 16840), (51, 16849), (56, 16897), (57, 16915), (61, 16942), (62, 16948), (63, 16951), (68, 16975), (69, 16978), (71, 16993), (82, 17065), (85, 17104), (94, 17158), (95, 17167), (96, 17191), (100, 17212), (106, 17239), (109, 17281), (118, 17338), (119, 17368),

Gene: Bobby_39 Start: 30219, Stop: 31070, Start Num: 18

Candidate Starts for Bobby_39:

(Start: 18 @30219 has 29 MA's), (21, 30225), (28, 30300), (32, 30315), (40, 30399), (45, 30444), (47, 30453), (54, 30540), (64, 30606), (66, 30633), (72, 30666), (73, 30672), (85, 30771), (89, 30789), (94, 30822), (96, 30855), (97, 30858), (99, 30879), (107, 30924), (120, 31047), (122, 31053),

Gene: Bobi_19 Start: 17142, Stop: 17990, Start Num: 10

Candidate Starts for Bobi_19:

(Start: 10 @17142 has 38 MA's), (Start: 17 @17160 has 195 MA's), (21, 17172), (22, 17196), (Start: 25 @17211 has 1 MA's), (32, 17256), (35, 17286), (38, 17316), (39, 17340), (49, 17430), (51, 17439), (53, 17451), (56, 17487), (61, 17532), (62, 17538), (63, 17541), (68, 17565), (69, 17568), (71, 17583), (80, 17646), (82, 17655), (85, 17694), (88, 17709), (93, 17745), (94, 17748), (95, 17757), (96, 17781), (100, 17802), (109, 17871), (118, 17928), (119, 17958),

Gene: BodEinwohner17_17 Start: 16727, Stop: 17572, Start Num: 11

Candidate Starts for BodEinwohner17_17:

(Start: 11 @16727 has 27 MA's), (Start: 17 @16742 has 195 MA's), (21, 16754), (22, 16778), (Start: 25 @16793 has 1 MA's), (32, 16838), (35, 16868), (39, 16922), (49, 17012), (51, 17021), (56, 17069), (57,

17087), (61, 17114), (62, 17120), (63, 17123), (68, 17147), (69, 17150), (71, 17165), (82, 17237), (85, 17276), (94, 17330), (95, 17339), (96, 17363), (100, 17384), (106, 17411), (109, 17453), (118, 17510), (119, 17540),

Gene: Bogie_19 Start: 17867, Stop: 18760, Start Num: 12

Candidate Starts for Bogie_19:

(Start: 12 @17867 has 46 MA's), (Start: 25 @17921 has 1 MA's), (27, 17945), (31, 17969), (33, 17990), (39, 18047), (42, 18059), (46, 18101), (53, 18161), (64, 18269), (78, 18392), (83, 18437), (84, 18440), (88, 18458), (89, 18461), (90, 18473), (94, 18494), (104, 18578), (109, 18635), (122, 18743), (123, 18746),

Gene: Bombitas_34 Start: 28402, Stop: 29253, Start Num: 18

Candidate Starts for Bombitas_34:

(Start: 18 @28402 has 29 MA's), (21, 28408), (28, 28483), (40, 28582), (45, 28627), (46, 28630), (55, 28726), (66, 28816), (71, 28840), (72, 28849), (74, 28864), (89, 28972), (92, 28996), (96, 29038), (111, 29149), (116, 29173), (122, 29236),

Gene: Boomer_18 Start: 16367, Stop: 17215, Start Num: 10

Candidate Starts for Boomer_18:

(Start: 10 @16367 has 38 MA's), (Start: 17 @16385 has 195 MA's), (21, 16397), (22, 16421), (Start: 25 @16436 has 1 MA's), (32, 16481), (35, 16511), (38, 16541), (39, 16565), (49, 16655), (51, 16664), (56, 16712), (61, 16757), (62, 16763), (63, 16766), (68, 16790), (69, 16793), (71, 16808), (80, 16871), (82, 16880), (85, 16919), (88, 16934), (93, 16970), (94, 16973), (95, 16982), (96, 17006), (100, 17027), (109, 17096), (118, 17153), (119, 17183),

Gene: Bora_55 Start: 34921, Stop: 35769, Start Num: 13

Candidate Starts for Bora_55:

(Start: 13 @34921 has 37 MA's), (14, 34927), (20, 34942), (24, 34981), (29, 35026), (37, 35080), (48, 35194), (70, 35338), (72, 35359), (82, 35422), (91, 35500), (109, 35650), (115, 35686), (120, 35746),

Gene: Bosection6_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Bosection6_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Brocalys_17 Start: 16538, Stop: 17386, Start Num: 10

Candidate Starts for Brocalys_17:

(Start: 10 @16538 has 38 MA's), (Start: 17 @16556 has 195 MA's), (21, 16568), (22, 16592), (Start: 25 @16607 has 1 MA's), (32, 16652), (35, 16682), (38, 16712), (39, 16736), (49, 16826), (51, 16835), (56, 16883), (61, 16928), (62, 16934), (63, 16937), (68, 16961), (69, 16964), (71, 16979), (80, 17042), (82, 17051), (85, 17090), (88, 17105), (93, 17141), (94, 17144), (95, 17153), (96, 17177), (100, 17198), (109, 17267), (118, 17324), (119, 17354),

Gene: Brookers_18 Start: 16427, Stop: 17257, Start Num: 17

Candidate Starts for Brookers_18:

(Start: 10 @16409 has 38 MA's), (Start: 17 @16427 has 195 MA's), (21, 16439), (22, 16463), (Start: 25 @16478 has 1 MA's), (32, 16523), (35, 16553), (38, 16583), (39, 16607), (49, 16697), (51, 16706), (56, 16754), (61, 16799), (62, 16805), (63, 16808), (68, 16832), (71, 16850), (80, 16913), (82, 16922), (85, 16961), (88, 16976), (93, 17012), (94, 17015), (95, 17024), (96, 17048), (100, 17069), (109, 17138), (118, 17195), (119, 17225),

Gene: Brujita_20 Start: 18241, Stop: 19092, Start Num: 13

Candidate Starts for Brujita_20:

(Start: 13 @18241 has 37 MA's), (26, 18307), (41, 18442), (44, 18478), (50, 18526), (56, 18580), (60, 18622), (70, 18661), (72, 18682), (75, 18700), (79, 18745), (89, 18811), (98, 18898), (101, 18907), (103, 18922), (104, 18925), (105, 18928), (114, 19012), (120, 19069),

Gene: Brusacoram_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Brusacoram_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (88, 18735), (89, 18738), (90, 18750), (94, 18771), (104, 18855), (122, 19020), (123, 19023),

Gene: Brushbloom_19 Start: 16451, Stop: 17284, Start Num: 17

Candidate Starts for Brushbloom_19:

(Start: 10 @16433 has 38 MA's), (Start: 17 @16451 has 195 MA's), (21, 16463), (22, 16487), (Start: 25 @16502 has 1 MA's), (32, 16547), (35, 16577), (49, 16724), (52, 16742), (56, 16781), (61, 16826), (62, 16832), (63, 16835), (68, 16859), (69, 16862), (71, 16877), (80, 16940), (82, 16949), (85, 16988), (88, 17003), (93, 17039), (94, 17042), (95, 17051), (96, 17075), (100, 17096), (109, 17165), (118, 17222), (119, 17252), (123, 17270),

Gene: Bubbles123_18 Start: 17285, Stop: 18115, Start Num: 17

Candidate Starts for Bubbles123_18:

(Start: 10 @17267 has 38 MA's), (Start: 17 @17285 has 195 MA's), (21, 17297), (22, 17321), (Start: 25 @17336 has 1 MA's), (32, 17381), (35, 17411), (38, 17441), (39, 17465), (40, 17471), (49, 17555), (51, 17564), (56, 17612), (61, 17657), (62, 17663), (63, 17666), (68, 17690), (69, 17693), (71, 17708), (80, 17771), (82, 17780), (85, 17819), (88, 17834), (93, 17870), (94, 17873), (95, 17882), (96, 17906), (100, 17927), (109, 17996), (118, 18053), (119, 18083), (123, 18101),

Gene: Bunnies_20 Start: 18166, Stop: 19059, Start Num: 12

Candidate Starts for Bunnies_20:

(Start: 12 @18166 has 46 MA's), (Start: 25 @18220 has 1 MA's), (27, 18244), (31, 18268), (33, 18289), (39, 18346), (42, 18358), (46, 18400), (53, 18460), (64, 18568), (83, 18736), (84, 18739), (94, 18793), (104, 18877), (105, 18880), (109, 18934), (122, 19042), (123, 19045),

Gene: Burwell21_17 Start: 16577, Stop: 17407, Start Num: 17

Candidate Starts for Burwell21_17:

(Start: 11 @16562 has 27 MA's), (Start: 17 @16577 has 195 MA's), (21, 16589), (22, 16613), (Start: 25 @16628 has 1 MA's), (32, 16673), (35, 16703), (39, 16757), (49, 16847), (51, 16856), (56, 16904), (57, 16922), (61, 16949), (62, 16955), (63, 16958), (68, 16982), (69, 16985), (71, 17000), (82, 17072), (85, 17111), (93, 17162), (94, 17165), (95, 17174), (96, 17198), (100, 17219), (109, 17288), (118, 17345), (119, 17375),

Gene: Butters_19 Start: 16681, Stop: 17523, Start Num: 17

Candidate Starts for Butters_19:

(Start: 17 @16681 has 195 MA's), (28, 16768), (31, 16780), (35, 16813), (39, 16867), (51, 16966), (61, 17059), (63, 17068), (72, 17119), (80, 17173), (83, 17215), (88, 17236), (89, 17239), (91, 17260), (104, 17350), (108, 17386), (113, 17437), (119, 17494), (122, 17509),

Gene: BuzzLyseyear_19 Start: 16964, Stop: 17794, Start Num: 17

Candidate Starts for BuzzLyseyear_19:

(Start: 11 @16949 has 27 MA's), (Start: 17 @16964 has 195 MA's), (21, 16976), (22, 17000), (Start: 25 @17015 has 1 MA's), (32, 17060), (35, 17090), (39, 17144), (49, 17234), (51, 17243), (56, 17291), (57, 17309), (61, 17336), (62, 17342), (63, 17345), (68, 17369), (69, 17372), (71, 17387), (82, 17459), (85, 17498), (94, 17552), (95, 17561), (96, 17585), (100, 17606), (106, 17633), (109, 17675), (118, 17732),

(119, 17762),

Gene: ByChance_17 Start: 16563, Stop: 17411, Start Num: 10

Candidate Starts for ByChance_17:

(Start: 10 @16563 has 38 MA's), (Start: 17 @16581 has 195 MA's), (21, 16593), (22, 16617), (Start: 25 @16632 has 1 MA's), (32, 16677), (35, 16707), (38, 16737), (39, 16761), (40, 16767), (49, 16851), (51, 16860), (56, 16908), (61, 16953), (62, 16959), (63, 16962), (68, 16986), (69, 16989), (71, 17004), (80, 17067), (82, 17076), (85, 17115), (88, 17130), (93, 17166), (94, 17169), (95, 17178), (96, 17202), (100, 17223), (109, 17292), (118, 17349), (119, 17379), (123, 17397),

Gene: Byougenkin_17 Start: 16591, Stop: 17421, Start Num: 17

Candidate Starts for Byougenkin_17:

(1, 16408), (3, 16438), (6, 16495), (Start: 10 @16573 has 38 MA's), (Start: 17 @16591 has 195 MA's), (21, 16603), (22, 16627), (Start: 25 @16642 has 1 MA's), (32, 16687), (35, 16717), (38, 16747), (39, 16771), (49, 16861), (51, 16870), (56, 16918), (61, 16963), (62, 16969), (63, 16972), (68, 16996), (69, 16999), (71, 17014), (80, 17077), (82, 17086), (85, 17125), (88, 17140), (93, 17176), (94, 17179), (95, 17188), (96, 17212), (100, 17233), (109, 17302), (118, 17359), (119, 17389), (123, 17407),

Gene: Cabrinians_17 Start: 16571, Stop: 17401, Start Num: 17

Candidate Starts for Cabrinians_17:

(Start: 10 @16553 has 38 MA's), (Start: 17 @16571 has 195 MA's), (21, 16583), (22, 16607), (Start: 25 @16622 has 1 MA's), (32, 16667), (35, 16697), (38, 16727), (39, 16751), (40, 16757), (49, 16841), (51, 16850), (56, 16898), (61, 16943), (62, 16949), (63, 16952), (68, 16976), (69, 16979), (71, 16994), (80, 17057), (82, 17066), (85, 17105), (88, 17120), (93, 17156), (94, 17159), (95, 17168), (96, 17192), (100, 17213), (109, 17282), (118, 17339), (119, 17369), (123, 17387),

Gene: CactusJack_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for CactusJack_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: Camster_20 Start: 18145, Stop: 19038, Start Num: 12

Candidate Starts for Camster_20:

(Start: 12 @18145 has 46 MA's), (Start: 25 @18199 has 1 MA's), (27, 18223), (31, 18247), (33, 18268), (39, 18325), (42, 18337), (46, 18379), (53, 18439), (64, 18547), (83, 18715), (84, 18718), (94, 18772), (104, 18856), (105, 18859), (109, 18913), (122, 19021), (123, 19024),

Gene: CaptainTrips_18 Start: 17247, Stop: 18095, Start Num: 10

Candidate Starts for CaptainTrips_18:

(Start: 10 @17247 has 38 MA's), (Start: 17 @17265 has 195 MA's), (21, 17277), (22, 17301), (Start: 25 @17316 has 1 MA's), (32, 17361), (35, 17391), (38, 17421), (39, 17445), (49, 17535), (51, 17544), (53, 17556), (56, 17592), (61, 17637), (62, 17643), (63, 17646), (68, 17670), (69, 17673), (71, 17688), (80, 17751), (82, 17760), (85, 17799), (88, 17814), (91, 17838), (94, 17853), (95, 17862), (96, 17886), (100, 17907), (104, 17928), (105, 17931), (109, 17976), (118, 18033), (119, 18063), (123, 18081),

Gene: Carcharodon_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Carcharodon_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Catdawg_57 Start: 35300, Stop: 36148, Start Num: 13

Candidate Starts for Catdawg_57:

(Start: 13 @35300 has 37 MA's), (14, 35306), (20, 35321), (24, 35360), (29, 35405), (37, 35459), (48, 35573), (70, 35717), (72, 35738), (82, 35801), (91, 35879), (109, 36029), (120, 36125),

Gene: Cerasum_18 Start: 16399, Stop: 17229, Start Num: 17

Candidate Starts for Cerasum_18:

(Start: 10 @16381 has 38 MA's), (Start: 17 @16399 has 195 MA's), (21, 16411), (22, 16435), (Start: 25 @16450 has 1 MA's), (32, 16495), (35, 16525), (38, 16555), (39, 16579), (49, 16669), (51, 16678), (56, 16726), (61, 16771), (62, 16777), (63, 16780), (68, 16804), (71, 16822), (80, 16885), (82, 16894), (85, 16933), (88, 16948), (93, 16984), (94, 16987), (95, 16996), (96, 17020), (100, 17041), (109, 17110), (118, 17167), (119, 17197), (123, 17215),

Gene: Charlie_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Charlie_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Che8_17 Start: 16599, Stop: 17429, Start Num: 17

Candidate Starts for Che8_17:

(Start: 11 @16584 has 27 MA's), (Start: 17 @16599 has 195 MA's), (21, 16611), (22, 16635), (Start: 25 @16650 has 1 MA's), (32, 16695), (35, 16725), (39, 16779), (40, 16785), (49, 16869), (51, 16878), (56, 16926), (57, 16944), (61, 16971), (62, 16977), (63, 16980), (68, 17004), (69, 17007), (82, 17094), (85, 17133), (94, 17187), (95, 17196), (96, 17220), (100, 17241), (106, 17268), (109, 17310), (118, 17367), (119, 17397),

Gene: Che9c_18 Start: 17626, Stop: 18480, Start Num: 13

Candidate Starts for Che9c_18:

(Start: 13 @17626 has 37 MA's), (23, 17677), (26, 17692), (34, 17749), (40, 17824), (44, 17863), (55, 17962), (58, 17998), (63, 18019), (70, 18049), (72, 18070), (98, 18286), (101, 18295), (104, 18313), (109, 18367), (114, 18400), (120, 18457), (123, 18466),

Gene: Cheesepuff_20 Start: 17418, Stop: 18251, Start Num: 17

Candidate Starts for Cheesepuff_20:

(Start: 11 @17403 has 27 MA's), (Start: 17 @17418 has 195 MA's), (21, 17430), (22, 17454), (Start: 25 @17469 has 1 MA's), (32, 17514), (49, 17691), (52, 17709), (56, 17748), (62, 17799), (63, 17802), (68, 17826), (69, 17829), (82, 17916), (85, 17955), (94, 18009), (95, 18018), (96, 18042), (100, 18063), (106, 18090), (109, 18132), (118, 18189), (119, 18219), (123, 18237),

Gene: Chevrolet_17 Start: 16611, Stop: 17441, Start Num: 17

Candidate Starts for Chevrolet_17:

(Start: 11 @16596 has 27 MA's), (Start: 17 @16611 has 195 MA's), (21, 16623), (22, 16647), (Start: 25 @16662 has 1 MA's), (32, 16707), (39, 16791), (40, 16797), (49, 16881), (51, 16890), (56, 16938), (61, 16983), (62, 16989), (63, 16992), (68, 17016), (69, 17019), (82, 17106), (85, 17145), (88, 17160), (89, 17163), (93, 17196), (94, 17199), (95, 17208), (96, 17232), (100, 17253), (109, 17322), (118, 17379), (119, 17409),

Gene: Chewbacca_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Chewbacca_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: ChickenDinner_18 Start: 16444, Stop: 17274, Start Num: 17

Candidate Starts for ChickenDinner_18:

(Start: 11 @16429 has 27 MA's), (Start: 17 @16444 has 195 MA's), (21, 16456), (22, 16480), (Start: 25 @16495 has 1 MA's), (32, 16540), (35, 16570), (38, 16600), (39, 16624), (40, 16630), (49, 16714), (51, 16723), (56, 16771), (61, 16816), (62, 16822), (63, 16825), (68, 16849), (71, 16867), (80, 16930), (82, 16939), (85, 16978), (88, 16993), (93, 17029), (94, 17032), (95, 17041), (96, 17065), (100, 17086), (106, 17113), (109, 17155), (118, 17212), (119, 17242),

Gene: Chuckly_17 Start: 16742, Stop: 17572, Start Num: 17

Candidate Starts for Chuckly_17:

(Start: 10 @16724 has 38 MA's), (Start: 17 @16742 has 195 MA's), (21, 16754), (22, 16778), (Start: 25 @16793 has 1 MA's), (32, 16838), (35, 16868), (38, 16898), (39, 16922), (49, 17012), (51, 17021), (53, 17033), (56, 17069), (61, 17114), (62, 17120), (63, 17123), (68, 17147), (69, 17150), (71, 17165), (80, 17228), (82, 17237), (85, 17276), (88, 17291), (91, 17315), (93, 17327), (94, 17330), (95, 17339), (96, 17363), (100, 17384), (109, 17453), (118, 17510), (119, 17540),

Gene: Clifton_17 Start: 16508, Stop: 17356, Start Num: 10

Candidate Starts for Clifton_17:

(Start: 10 @16508 has 38 MA's), (Start: 17 @16526 has 195 MA's), (21, 16538), (22, 16562), (Start: 25 @16577 has 1 MA's), (32, 16622), (35, 16652), (38, 16682), (39, 16706), (49, 16796), (51, 16805), (56, 16853), (61, 16898), (62, 16904), (63, 16907), (68, 16931), (69, 16934), (71, 16949), (80, 17012), (82, 17021), (85, 17060), (88, 17075), (93, 17111), (94, 17114), (95, 17123), (96, 17147), (100, 17168), (109, 17237), (118, 17294), (119, 17324),

Gene: Coco12_19 Start: 16968, Stop: 17798, Start Num: 17

Candidate Starts for Coco12_19:

(Start: 10 @16950 has 38 MA's), (Start: 17 @16968 has 195 MA's), (21, 16980), (22, 17004), (Start: 25 @17019 has 1 MA's), (32, 17064), (35, 17094), (38, 17124), (39, 17148), (49, 17238), (51, 17247), (56, 17295), (61, 17340), (62, 17346), (63, 17349), (68, 17373), (71, 17391), (80, 17454), (82, 17463), (85, 17502), (88, 17517), (93, 17553), (94, 17556), (95, 17565), (96, 17589), (100, 17610), (109, 17679), (118, 17736), (119, 17766),

Gene: Constella_32 Start: 28165, Stop: 29016, Start Num: 18

Candidate Starts for Constella_32:

(Start: 18 @28165 has 29 MA's), (21, 28171), (28, 28246), (32, 28261), (40, 28345), (45, 28390), (47, 28399), (54, 28486), (64, 28552), (66, 28579), (72, 28612), (73, 28618), (85, 28717), (89, 28735), (94, 28768), (96, 28801), (97, 28804), (99, 28825), (107, 28870), (120, 28993), (122, 28999),

Gene: Corium_17 Start: 16607, Stop: 17440, Start Num: 17

Candidate Starts for Corium_17:

(Start: 10 @16589 has 38 MA's), (Start: 17 @16607 has 195 MA's), (21, 16619), (22, 16643), (Start: 25 @16658 has 1 MA's), (32, 16703), (35, 16733), (49, 16880), (52, 16898), (56, 16937), (61, 16982), (62, 16988), (63, 16991), (68, 17015), (69, 17018), (71, 17033), (80, 17096), (82, 17105), (85, 17144), (88, 17159), (93, 17195), (94, 17198), (95, 17207), (96, 17231), (100, 17252), (109, 17321), (118, 17378), (119, 17408),

Gene: Corndog_60 Start: 36294, Stop: 37142, Start Num: 13

Candidate Starts for Corndog_60:

(Start: 13 @36294 has 37 MA's), (14, 36300), (20, 36315), (24, 36354), (29, 36399), (37, 36453), (48, 36567), (70, 36711), (72, 36732), (82, 36795), (91, 36873), (109, 37023), (120, 37119),

Gene: Cornie_19 Start: 17437, Stop: 18264, Start Num: 15

Candidate Starts for Cornie_19:

(Start: 15 @17437 has 3 MA's), (33, 17551), (53, 17728), (56, 17764), (72, 17869), (91, 18010), (97, 18061), (111, 18169), (122, 18250),

Gene: Cornucopia_18 Start: 16608, Stop: 17438, Start Num: 17

Candidate Starts for Cornucopia_18:

(Start: 10 @16590 has 38 MA's), (Start: 17 @16608 has 195 MA's), (21, 16620), (22, 16644), (Start: 25 @16659 has 1 MA's), (32, 16704), (35, 16734), (38, 16764), (39, 16788), (49, 16878), (51, 16887), (56, 16935), (57, 16953), (61, 16980), (62, 16986), (63, 16989), (69, 17016), (71, 17031), (82, 17103), (85, 17142), (94, 17196), (95, 17205), (96, 17229), (100, 17250), (109, 17319), (118, 17376), (119, 17406),

Gene: Courthouse_35 Start: 26894, Stop: 27745, Start Num: 19

Candidate Starts for Courthouse_35:

(Start: 19 @26894 has 11 MA's), (21, 26900), (28, 26975), (35, 27017), (40, 27074), (45, 27119), (46, 27122), (54, 27215), (55, 27218), (57, 27239), (59, 27257), (66, 27308), (67, 27314), (71, 27332), (72, 27341), (85, 27446), (92, 27488), (96, 27530), (102, 27560), (109, 27620),

Gene: Crumble_17 Start: 16573, Stop: 17403, Start Num: 17

Candidate Starts for Crumble_17:

(Start: 10 @16555 has 38 MA's), (Start: 17 @16573 has 195 MA's), (21, 16585), (22, 16609), (Start: 25 @16624 has 1 MA's), (32, 16669), (35, 16699), (38, 16729), (39, 16753), (49, 16843), (51, 16852), (56, 16900), (61, 16945), (62, 16951), (63, 16954), (68, 16978), (69, 16981), (71, 16996), (80, 17059), (82, 17068), (85, 17107), (88, 17122), (93, 17158), (94, 17161), (95, 17170), (96, 17194), (100, 17215), (109, 17284), (118, 17341), (119, 17371),

Gene: DLane_17 Start: 16559, Stop: 17389, Start Num: 17

Candidate Starts for DLane_17:

(Start: 10 @16541 has 38 MA's), (Start: 17 @16559 has 195 MA's), (21, 16571), (22, 16595), (Start: 25 @16610 has 1 MA's), (32, 16655), (35, 16685), (38, 16715), (39, 16739), (49, 16829), (51, 16838), (56, 16886), (61, 16931), (62, 16937), (63, 16940), (68, 16964), (69, 16967), (71, 16982), (80, 17045), (82, 17054), (85, 17093), (88, 17108), (93, 17144), (94, 17147), (95, 17156), (96, 17180), (100, 17201), (109, 17270), (118, 17327), (119, 17357),

Gene: DRBy19_17 Start: 16602, Stop: 17432, Start Num: 17

Candidate Starts for DRBy19_17:

(Start: 11 @16587 has 27 MA's), (Start: 17 @16602 has 195 MA's), (21, 16614), (22, 16638), (Start: 25 @16653 has 1 MA's), (32, 16698), (35, 16728), (39, 16782), (49, 16872), (51, 16881), (56, 16929), (57, 16947), (61, 16974), (62, 16980), (63, 16983), (68, 17007), (69, 17010), (71, 17025), (82, 17097), (85, 17136), (94, 17190), (95, 17199), (96, 17223), (100, 17244), (106, 17271), (109, 17313), (118, 17370), (119, 17400),

Gene: DaWorst_19 Start: 17103, Stop: 17933, Start Num: 17

Candidate Starts for DaWorst_19:

(Start: 11 @17088 has 27 MA's), (Start: 17 @17103 has 195 MA's), (21, 17115), (22, 17139), (Start: 25 @17154 has 1 MA's), (32, 17199), (35, 17229), (39, 17283), (49, 17373), (51, 17382), (56, 17430), (57, 17448), (61, 17475), (62, 17481), (63, 17484), (68, 17508), (69, 17511), (71, 17526), (80, 17589), (82, 17598), (85, 17637), (88, 17652), (93, 17688), (94, 17691), (95, 17700), (96, 17724), (100, 17745), (109, 17814), (118, 17871), (119, 17901),

Gene: DaddyRickover_17 Start: 16741, Stop: 17571, Start Num: 17

Candidate Starts for DaddyRickover_17:

(Start: 11 @16726 has 27 MA's), (Start: 17 @16741 has 195 MA's), (21, 16753), (22, 16777), (Start: 25 @16792 has 1 MA's), (32, 16837), (35, 16867), (38, 16897), (39, 16921), (49, 17011), (51, 17020), (56, 17068), (57, 17086), (61, 17113), (62, 17119), (63, 17122), (68, 17146), (69, 17149), (80, 17227), (82,

17236), (85, 17275), (88, 17290), (93, 17326), (94, 17329), (95, 17338), (96, 17362), (100, 17383), (105, 17407), (106, 17410), (109, 17452), (118, 17509), (119, 17539),

Gene: Daenerys_17 Start: 16573, Stop: 17403, Start Num: 17

Candidate Starts for Daenerys_17:

(Start: 11 @16558 has 27 MA's), (Start: 17 @16573 has 195 MA's), (21, 16585), (22, 16609), (Start: 25 @16624 has 1 MA's), (32, 16669), (35, 16699), (38, 16729), (39, 16753), (49, 16843), (51, 16852), (56, 16900), (57, 16918), (61, 16945), (62, 16951), (63, 16954), (68, 16978), (69, 16981), (80, 17059), (82, 17068), (85, 17107), (88, 17122), (93, 17158), (94, 17161), (95, 17170), (96, 17194), (100, 17215), (105, 17239), (106, 17242), (109, 17284), (118, 17341), (119, 17371),

Gene: Dallas_39 Start: 28903, Stop: 29754, Start Num: 18

Candidate Starts for Dallas_39:

(Start: 18 @28903 has 29 MA's), (21, 28909), (28, 28984), (32, 28999), (40, 29083), (45, 29128), (47, 29137), (55, 29227), (66, 29317), (72, 29350), (73, 29356), (94, 29506), (96, 29539), (97, 29542), (107, 29608), (120, 29731), (122, 29737),

Gene: Dante_17 Start: 16571, Stop: 17419, Start Num: 10

Candidate Starts for Dante_17:

(Start: 10 @16571 has 38 MA's), (Start: 17 @16589 has 195 MA's), (21, 16601), (22, 16625), (Start: 25 @16640 has 1 MA's), (32, 16685), (35, 16715), (38, 16745), (39, 16769), (49, 16859), (51, 16868), (56, 16916), (61, 16961), (62, 16967), (63, 16970), (68, 16994), (71, 17012), (80, 17075), (82, 17084), (85, 17123), (88, 17138), (93, 17174), (94, 17177), (95, 17186), (96, 17210), (100, 17231), (109, 17300), (118, 17357), (119, 17387),

Gene: DeadP_17 Start: 16603, Stop: 17433, Start Num: 17

Candidate Starts for DeadP_17:

(Start: 10 @16585 has 38 MA's), (Start: 17 @16603 has 195 MA's), (21, 16615), (22, 16639), (Start: 25 @16654 has 1 MA's), (32, 16699), (35, 16729), (38, 16759), (39, 16783), (49, 16873), (51, 16882), (56, 16930), (61, 16975), (62, 16981), (63, 16984), (68, 17008), (69, 17011), (71, 17026), (80, 17089), (82, 17098), (85, 17137), (88, 17152), (93, 17188), (94, 17191), (95, 17200), (96, 17224), (100, 17245), (109, 17314), (118, 17371), (119, 17401),

Gene: Deb65_17 Start: 16570, Stop: 17400, Start Num: 17

Candidate Starts for Deb65_17:

(Start: 11 @16555 has 27 MA's), (Start: 17 @16570 has 195 MA's), (21, 16582), (22, 16606), (Start: 25 @16621 has 1 MA's), (32, 16666), (35, 16696), (38, 16726), (39, 16750), (49, 16840), (51, 16849), (53, 16861), (56, 16897), (62, 16948), (63, 16951), (68, 16975), (71, 16993), (80, 17056), (82, 17065), (88, 17119), (91, 17143), (94, 17158), (95, 17167), (96, 17191), (100, 17212), (106, 17239), (109, 17281), (118, 17338), (119, 17368),

Gene: DillTech15_17 Start: 16607, Stop: 17437, Start Num: 17

Candidate Starts for DillTech15_17:

(Start: 11 @16592 has 27 MA's), (Start: 17 @16607 has 195 MA's), (21, 16619), (22, 16643), (Start: 25 @16658 has 1 MA's), (32, 16703), (35, 16733), (39, 16787), (49, 16877), (51, 16886), (56, 16934), (57, 16952), (61, 16979), (62, 16985), (63, 16988), (68, 17012), (69, 17015), (82, 17102), (85, 17141), (94, 17195), (95, 17204), (96, 17228), (100, 17249), (106, 17276), (109, 17318), (118, 17375), (119, 17405),

Gene: DirtMcgirt_18 Start: 16394, Stop: 17224, Start Num: 17

Candidate Starts for DirtMcgirt_18:

(Start: 10 @16376 has 38 MA's), (Start: 17 @16394 has 195 MA's), (21, 16406), (22, 16430), (Start: 25 @16445 has 1 MA's), (32, 16490), (35, 16520), (38, 16550), (39, 16574), (49, 16664), (51, 16673), (56,

16721), (61, 16766), (62, 16772), (63, 16775), (68, 16799), (71, 16817), (80, 16880), (82, 16889), (85, 16928), (88, 16943), (93, 16979), (94, 16982), (95, 16991), (96, 17015), (100, 17036), (109, 17105), (118, 17162), (119, 17192),

Gene: DmpstrDiver_36 Start: 29535, Stop: 30386, Start Num: 18

Candidate Starts for DmpstrDiver_36:

(Start: 18 @29535 has 29 MA's), (21, 29541), (28, 29616), (32, 29631), (40, 29715), (45, 29760), (47, 29769), (55, 29859), (66, 29949), (72, 29982), (73, 29988), (80, 30039), (85, 30087), (89, 30105), (92, 30129), (94, 30138), (96, 30171), (97, 30174), (107, 30240), (120, 30363), (122, 30369),

Gene: DoRead_17 Start: 16539, Stop: 17369, Start Num: 17

Candidate Starts for DoRead_17:

(3, 16386), (6, 16443), (Start: 10 @16521 has 38 MA's), (Start: 17 @16539 has 195 MA's), (21, 16551), (22, 16575), (Start: 25 @16590 has 1 MA's), (32, 16635), (35, 16665), (38, 16695), (39, 16719), (49, 16809), (51, 16818), (56, 16866), (61, 16911), (62, 16917), (63, 16920), (68, 16944), (69, 16947), (71, 16962), (80, 17025), (82, 17034), (85, 17073), (88, 17088), (93, 17124), (94, 17127), (95, 17136), (96, 17160), (100, 17181), (106, 17208), (109, 17250), (118, 17307), (119, 17337), (122, 17352),

Gene: DocMcStuffins_18 Start: 16444, Stop: 17274, Start Num: 17

Candidate Starts for DocMcStuffins_18:

(Start: 11 @16429 has 27 MA's), (Start: 17 @16444 has 195 MA's), (21, 16456), (22, 16480), (Start: 25 @16495 has 1 MA's), (32, 16540), (35, 16570), (38, 16600), (39, 16624), (40, 16630), (49, 16714), (51, 16723), (56, 16771), (61, 16816), (62, 16822), (63, 16825), (68, 16849), (71, 16867), (80, 16930), (82, 16939), (85, 16978), (88, 16993), (93, 17029), (94, 17032), (95, 17041), (96, 17065), (100, 17086), (106, 17113), (109, 17155), (118, 17212), (119, 17242),

Gene: Donkeykong_17 Start: 16747, Stop: 17577, Start Num: 17

Candidate Starts for Donkeykong_17:

(4, 16594), (7, 16651), (Start: 10 @16729 has 38 MA's), (Start: 17 @16747 has 195 MA's), (21, 16759), (22, 16783), (Start: 25 @16798 has 1 MA's), (32, 16843), (35, 16873), (39, 16927), (49, 17017), (51, 17026), (56, 17074), (57, 17092), (61, 17119), (62, 17125), (63, 17128), (68, 17152), (69, 17155), (71, 17170), (82, 17242), (85, 17281), (94, 17335), (95, 17344), (96, 17368), (100, 17389), (106, 17416), (109, 17458), (118, 17515), (119, 17545),

Gene: Donovan_20 Start: 18133, Stop: 19026, Start Num: 12

Candidate Starts for Donovan_20:

(Start: 12 @18133 has 46 MA's), (Start: 25 @18187 has 1 MA's), (27, 18211), (31, 18235), (33, 18256), (39, 18313), (42, 18325), (46, 18367), (53, 18427), (64, 18535), (83, 18703), (84, 18706), (94, 18760), (104, 18844), (105, 18847), (109, 18901), (122, 19009), (123, 19012),

Gene: Doomphist_17 Start: 16692, Stop: 17537, Start Num: 11

Candidate Starts for Doomphist_17:

(Start: 11 @16692 has 27 MA's), (Start: 17 @16707 has 195 MA's), (21, 16719), (22, 16743), (Start: 25 @16758 has 1 MA's), (32, 16803), (35, 16833), (38, 16863), (39, 16887), (49, 16977), (51, 16986), (53, 16998), (56, 17034), (62, 17085), (63, 17088), (68, 17112), (71, 17130), (80, 17193), (82, 17202), (88, 17256), (91, 17280), (94, 17295), (95, 17304), (96, 17328), (100, 17349), (106, 17376), (109, 17418), (118, 17475), (119, 17505),

Gene: Dorothy_17 Start: 16516, Stop: 17361, Start Num: 11

Candidate Starts for Dorothy_17:

(Start: 11 @16516 has 27 MA's), (Start: 17 @16531 has 195 MA's), (21, 16543), (22, 16567), (Start: 25 @16582 has 1 MA's), (32, 16627), (35, 16657), (38, 16687), (39, 16711), (49, 16801), (51, 16810), (56, 16858), (57, 16876), (61, 16903), (62, 16909), (63, 16912), (68, 16936), (69, 16939), (80, 17017), (82,

17026), (85, 17065), (88, 17080), (93, 17116), (94, 17119), (95, 17128), (96, 17152), (100, 17173), (105, 17197), (106, 17200), (109, 17242), (118, 17299), (119, 17329),

Gene: DosHalletts_18 Start: 16482, Stop: 17330, Start Num: 10

Candidate Starts for DosHalletts_18:

(2, 16323), (5, 16353), (8, 16410), (Start: 10 @16482 has 38 MA's), (Start: 17 @16500 has 195 MA's), (21, 16512), (22, 16536), (Start: 25 @16551 has 1 MA's), (32, 16596), (38, 16656), (39, 16680), (49, 16770), (51, 16779), (53, 16791), (56, 16827), (62, 16878), (63, 16881), (68, 16905), (69, 16908), (71, 16923), (80, 16986), (82, 16995), (88, 17049), (91, 17073), (94, 17088), (95, 17097), (96, 17121), (100, 17142), (104, 17163), (105, 17166), (109, 17211), (118, 17268), (119, 17298), (123, 17316),

Gene: DotProduct_17 Start: 16563, Stop: 17411, Start Num: 10

Candidate Starts for DotProduct_17:

(1, 16398), (3, 16428), (6, 16485), (Start: 10 @16563 has 38 MA's), (Start: 17 @16581 has 195 MA's), (21, 16593), (22, 16617), (Start: 25 @16632 has 1 MA's), (32, 16677), (35, 16707), (38, 16737), (39, 16761), (49, 16851), (51, 16860), (56, 16908), (61, 16953), (62, 16959), (63, 16962), (68, 16986), (71, 17004), (80, 17067), (82, 17076), (85, 17115), (88, 17130), (93, 17166), (94, 17169), (95, 17178), (96, 17202), (100, 17223), (109, 17292), (118, 17349), (119, 17379),

Gene: Doug_18 Start: 17123, Stop: 17953, Start Num: 17

Candidate Starts for Doug_18:

(Start: 11 @17108 has 27 MA's), (Start: 17 @17123 has 195 MA's), (21, 17135), (22, 17159), (Start: 25 @17174 has 1 MA's), (32, 17219), (39, 17303), (40, 17309), (49, 17393), (51, 17402), (56, 17450), (61, 17495), (62, 17501), (63, 17504), (68, 17528), (71, 17546), (80, 17609), (82, 17618), (85, 17657), (88, 17672), (94, 17711), (95, 17720), (96, 17744), (100, 17765), (109, 17834), (118, 17891), (119, 17921),

Gene: Dove_35 Start: 28401, Stop: 29252, Start Num: 18

Candidate Starts for Dove_35:

(Start: 18 @28401 has 29 MA's), (21, 28407), (28, 28482), (40, 28581), (45, 28626), (46, 28629), (55, 28725), (66, 28815), (71, 28839), (72, 28848), (74, 28863), (89, 28971), (92, 28995), (96, 29037), (111, 29148), (116, 29172), (122, 29235),

Gene: Drago_18 Start: 16374, Stop: 17222, Start Num: 10

Candidate Starts for Drago_18:

(Start: 10 @16374 has 38 MA's), (Start: 17 @16392 has 195 MA's), (21, 16404), (22, 16428), (Start: 25 @16443 has 1 MA's), (32, 16488), (35, 16518), (38, 16548), (39, 16572), (49, 16662), (51, 16671), (56, 16719), (61, 16764), (62, 16770), (63, 16773), (68, 16797), (71, 16815), (80, 16878), (82, 16887), (85, 16926), (88, 16941), (93, 16977), (94, 16980), (95, 16989), (96, 17013), (100, 17034), (109, 17103), (118, 17160), (119, 17190),

Gene: Duke13_35 Start: 28933, Stop: 29784, Start Num: 18

Candidate Starts for Duke13_35:

(Start: 18 @28933 has 29 MA's), (21, 28939), (28, 29014), (32, 29029), (40, 29113), (45, 29158), (47, 29167), (55, 29257), (66, 29347), (72, 29380), (73, 29386), (80, 29437), (85, 29485), (89, 29503), (92, 29527), (94, 29536), (96, 29569), (97, 29572), (107, 29638), (120, 29761), (122, 29767),

Gene: Duplicity_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Duplicity_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Dylan_57 Start: 35345, Stop: 36193, Start Num: 13

Candidate Starts for Dylan_57:

(Start: 13 @35345 has 37 MA's), (14, 35351), (20, 35366), (24, 35405), (29, 35450), (37, 35504), (48, 35618), (70, 35762), (72, 35783), (82, 35846), (91, 35924), (109, 36074), (120, 36170),

Gene: Dynamo_20 Start: 18153, Stop: 19046, Start Num: 12

Candidate Starts for Dynamo_20:

(Start: 12 @18153 has 46 MA's), (Start: 25 @18207 has 1 MA's), (27, 18231), (31, 18255), (33, 18276), (39, 18333), (42, 18345), (46, 18387), (53, 18447), (64, 18555), (83, 18723), (84, 18726), (94, 18780), (104, 18864), (105, 18867), (109, 18921), (122, 19029), (123, 19032),

Gene: EGUunicorn_20 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for EGUunicorn_20:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Eish_17 Start: 16713, Stop: 17543, Start Num: 17

Candidate Starts for Eish_17:

(Start: 11 @16698 has 27 MA's), (Start: 17 @16713 has 195 MA's), (21, 16725), (22, 16749), (Start: 25 @16764 has 1 MA's), (32, 16809), (35, 16839), (39, 16893), (49, 16983), (51, 16992), (56, 17040), (57, 17058), (61, 17085), (62, 17091), (63, 17094), (68, 17118), (69, 17121), (82, 17208), (85, 17247), (94, 17301), (95, 17310), (96, 17334), (100, 17355), (106, 17382), (109, 17424), (118, 17481), (119, 17511),

Gene: Ejimix_38 Start: 30131, Stop: 30982, Start Num: 18

Candidate Starts for Ejimix_38:

(Start: 18 @30131 has 29 MA's), (21, 30137), (28, 30212), (40, 30311), (45, 30356), (46, 30359), (55, 30455), (66, 30545), (71, 30569), (72, 30578), (74, 30593), (89, 30701), (92, 30725), (96, 30767), (111, 30878), (116, 30902), (122, 30965),

Gene: EleanorGeorge_17 Start: 16720, Stop: 17571, Start Num: 10

Candidate Starts for EleanorGeorge_17:

(Start: 10 @16720 has 38 MA's), (Start: 17 @16738 has 195 MA's), (21, 16750), (22, 16774), (Start: 25 @16789 has 1 MA's), (32, 16834), (35, 16864), (49, 17011), (52, 17029), (56, 17068), (61, 17113), (62, 17119), (63, 17122), (68, 17146), (69, 17149), (71, 17164), (80, 17227), (82, 17236), (85, 17275), (88, 17290), (93, 17326), (94, 17329), (95, 17338), (96, 17362), (100, 17383), (109, 17452), (118, 17509), (119, 17539),

Gene: EmiMonkey_17 Start: 16525, Stop: 17355, Start Num: 17

Candidate Starts for EmiMonkey_17:

(Start: 11 @16510 has 27 MA's), (Start: 17 @16525 has 195 MA's), (21, 16537), (22, 16561), (Start: 25 @16576 has 1 MA's), (32, 16621), (35, 16651), (38, 16681), (39, 16705), (49, 16795), (51, 16804), (56, 16852), (57, 16870), (61, 16897), (62, 16903), (63, 16906), (68, 16930), (69, 16933), (71, 16948), (82, 17020), (85, 17059), (94, 17113), (95, 17122), (96, 17146), (100, 17167), (106, 17194), (109, 17236), (118, 17293), (119, 17323),

Gene: Emma_17 Start: 16603, Stop: 17451, Start Num: 10

Candidate Starts for Emma_17:

(Start: 10 @16603 has 38 MA's), (Start: 17 @16621 has 195 MA's), (21, 16633), (22, 16657), (Start: 25 @16672 has 1 MA's), (32, 16717), (35, 16747), (38, 16777), (39, 16801), (49, 16891), (51, 16900), (56, 16948), (61, 16993), (62, 16999), (63, 17002), (68, 17026), (69, 17029), (71, 17044), (80, 17107), (82, 17116), (85, 17155), (88, 17170), (93, 17206), (94, 17209), (95, 17218), (96, 17242), (100, 17263), (109, 17332), (118, 17389), (119, 17419),

Gene: Emmaloid_19 Start: 16362, Stop: 17192, Start Num: 17

Candidate Starts for Emmaloid_19:

(Start: 11 @16347 has 27 MA's), (Start: 17 @16362 has 195 MA's), (21, 16374), (22, 16398), (Start: 25 @16413 has 1 MA's), (32, 16458), (35, 16488), (38, 16518), (39, 16542), (49, 16632), (51, 16641), (56, 16689), (57, 16707), (61, 16734), (62, 16740), (63, 16743), (68, 16767), (69, 16770), (71, 16785), (82, 16857), (85, 16896), (94, 16950), (95, 16959), (96, 16983), (100, 17004), (106, 17031), (109, 17073), (118, 17130), (119, 17160),

Gene: Empress_18 Start: 17907, Stop: 18752, Start Num: 11

Candidate Starts for Empress_18:

(Start: 11 @17907 has 27 MA's), (Start: 17 @17922 has 195 MA's), (21, 17934), (22, 17958), (Start: 25 @17973 has 1 MA's), (32, 18018), (35, 18048), (38, 18078), (39, 18102), (49, 18192), (51, 18201), (56, 18249), (57, 18267), (61, 18294), (62, 18300), (63, 18303), (68, 18327), (69, 18330), (80, 18408), (82, 18417), (85, 18456), (88, 18471), (93, 18507), (94, 18510), (95, 18519), (96, 18543), (100, 18564), (105, 18588), (106, 18591), (109, 18633), (118, 18690), (119, 18720),

Gene: Enby_18 Start: 16392, Stop: 17222, Start Num: 17

Candidate Starts for Enby_18:

(Start: 10 @16374 has 38 MA's), (Start: 17 @16392 has 195 MA's), (21, 16404), (22, 16428), (Start: 25 @16443 has 1 MA's), (32, 16488), (35, 16518), (38, 16548), (39, 16572), (49, 16662), (51, 16671), (56, 16719), (61, 16764), (62, 16770), (63, 16773), (68, 16797), (71, 16815), (80, 16878), (82, 16887), (85, 16926), (88, 16941), (93, 16977), (94, 16980), (95, 16989), (96, 17013), (100, 17034), (109, 17103), (118, 17160), (119, 17190),

Gene: Eradicator_17 Start: 16536, Stop: 17366, Start Num: 17

Candidate Starts for Eradicator_17:

(Start: 11 @16521 has 27 MA's), (Start: 17 @16536 has 195 MA's), (21, 16548), (22, 16572), (Start: 25 @16587 has 1 MA's), (32, 16632), (35, 16662), (39, 16716), (49, 16806), (51, 16815), (56, 16863), (61, 16908), (62, 16914), (63, 16917), (68, 16941), (69, 16944), (71, 16959), (80, 17022), (82, 17031), (85, 17070), (88, 17085), (93, 17121), (94, 17124), (95, 17133), (96, 17157), (100, 17178), (104, 17199), (109, 17247), (118, 17304), (119, 17334),

Gene: EricMillard_38 Start: 29664, Stop: 30515, Start Num: 18

Candidate Starts for EricMillard_38:

(Start: 18 @29664 has 29 MA's), (21, 29670), (28, 29745), (40, 29844), (45, 29889), (47, 29898), (55, 29988), (66, 30078), (72, 30111), (73, 30117), (94, 30267), (96, 30300), (97, 30303), (107, 30369), (120, 30492), (122, 30498),

Gene: Estave1_17 Start: 16690, Stop: 17520, Start Num: 17

Candidate Starts for Estave1_17:

(Start: 11 @16675 has 27 MA's), (Start: 17 @16690 has 195 MA's), (22, 16726), (Start: 25 @16741 has 1 MA's), (32, 16786), (35, 16816), (39, 16870), (49, 16960), (51, 16969), (56, 17017), (57, 17035), (61, 17062), (62, 17068), (63, 17071), (68, 17095), (69, 17098), (82, 17185), (85, 17224), (91, 17263), (94, 17278), (96, 17311), (100, 17332), (106, 17359), (109, 17401), (118, 17458), (119, 17488),

Gene: Etoile_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Etoile_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Familton_58 Start: 35257, Stop: 36105, Start Num: 13

Candidate Starts for Familton_58:

(Start: 13 @35257 has 37 MA's), (14, 35263), (20, 35278), (24, 35317), (29, 35362), (37, 35416), (48, 35530), (70, 35674), (72, 35695), (82, 35758), (91, 35836), (109, 35986), (120, 36082),

Gene: Fancypants_17 Start: 16581, Stop: 17411, Start Num: 17

Candidate Starts for Fancypants_17:

(Start: 10 @16563 has 38 MA's), (Start: 17 @16581 has 195 MA's), (21, 16593), (22, 16617), (Start: 25 @16632 has 1 MA's), (32, 16677), (35, 16707), (38, 16737), (39, 16761), (49, 16851), (51, 16860), (56, 16908), (61, 16953), (62, 16959), (63, 16962), (68, 16986), (69, 16989), (71, 17004), (80, 17067), (82, 17076), (85, 17115), (88, 17130), (93, 17166), (94, 17169), (95, 17178), (96, 17202), (100, 17223), (109, 17292), (118, 17349), (119, 17379),

Gene: Fastidio_17 Start: 16535, Stop: 17368, Start Num: 17

Candidate Starts for Fastidio_17:

(Start: 10 @16517 has 38 MA's), (Start: 17 @16535 has 195 MA's), (21, 16547), (22, 16571), (Start: 25 @16586 has 1 MA's), (32, 16631), (35, 16661), (49, 16808), (52, 16826), (56, 16865), (61, 16910), (62, 16916), (63, 16919), (68, 16943), (69, 16946), (71, 16961), (80, 17024), (82, 17033), (85, 17072), (88, 17087), (93, 17123), (94, 17126), (95, 17135), (96, 17159), (100, 17180), (109, 17249), (118, 17306), (119, 17336),

Gene: Filuzino_17 Start: 16563, Stop: 17393, Start Num: 17

Candidate Starts for Filuzino_17:

(Start: 10 @16545 has 38 MA's), (Start: 17 @16563 has 195 MA's), (21, 16575), (22, 16599), (Start: 25 @16614 has 1 MA's), (32, 16659), (35, 16689), (38, 16719), (39, 16743), (49, 16833), (51, 16842), (56, 16890), (62, 16941), (63, 16944), (68, 16968), (71, 16986), (80, 17049), (82, 17058), (85, 17097), (88, 17112), (93, 17148), (94, 17151), (95, 17160), (96, 17184), (100, 17205), (109, 17274), (118, 17331), (119, 17361),

Gene: Firecracker_58 Start: 35447, Stop: 36295, Start Num: 13

Candidate Starts for Firecracker_58:

(Start: 13 @35447 has 37 MA's), (14, 35453), (20, 35468), (24, 35507), (29, 35552), (37, 35606), (48, 35720), (70, 35864), (72, 35885), (82, 35948), (91, 36026), (109, 36176), (120, 36272),

Gene: Firehouse51_18 Start: 17130, Stop: 17960, Start Num: 17

Candidate Starts for Firehouse51_18:

(Start: 10 @17112 has 38 MA's), (Start: 17 @17130 has 195 MA's), (21, 17142), (22, 17166), (Start: 25 @17181 has 1 MA's), (32, 17226), (35, 17256), (38, 17286), (39, 17310), (49, 17400), (51, 17409), (56, 17457), (61, 17502), (62, 17508), (63, 17511), (68, 17535), (69, 17538), (71, 17553), (80, 17616), (82, 17625), (85, 17664), (88, 17679), (93, 17715), (94, 17718), (95, 17727), (96, 17751), (100, 17772), (109, 17841), (118, 17898), (119, 17928),

Gene: FirstPlacePfu_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for FirstPlacePfu_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Fishburne_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Fishburne_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Flathead_18 Start: 16438, Stop: 17268, Start Num: 17

Candidate Starts for Flathead_18:

(Start: 10 @16420 has 38 MA's), (Start: 17 @16438 has 195 MA's), (21, 16450), (22, 16474), (Start: 25 @16489 has 1 MA's), (32, 16534), (35, 16564), (38, 16594), (39, 16618), (49, 16708), (51, 16717), (53, 16729), (56, 16765), (61, 16810), (62, 16816), (63, 16819), (68, 16843), (69, 16846), (71, 16861), (80, 16924), (82, 16933), (85, 16972), (88, 16987), (93, 17023), (94, 17026), (95, 17035), (96, 17059), (100, 17080), (109, 17149), (118, 17206), (119, 17236),

Gene: Florinda_17 Start: 16592, Stop: 17422, Start Num: 17

Candidate Starts for Florinda_17:

(Start: 10 @16574 has 38 MA's), (Start: 17 @16592 has 195 MA's), (21, 16604), (22, 16628), (Start: 25 @16643 has 1 MA's), (32, 16688), (35, 16718), (38, 16748), (39, 16772), (49, 16862), (51, 16871), (53, 16883), (56, 16919), (62, 16970), (63, 16973), (68, 16997), (71, 17015), (80, 17078), (82, 17087), (85, 17126), (88, 17141), (94, 17180), (95, 17189), (96, 17213), (100, 17234), (109, 17303), (118, 17360), (119, 17390),

Gene: FoulBall_57 Start: 35251, Stop: 36099, Start Num: 13

Candidate Starts for FoulBall_57:

(Start: 13 @35251 has 37 MA's), (14, 35257), (20, 35272), (24, 35311), (29, 35356), (37, 35410), (48, 35524), (70, 35668), (72, 35689), (82, 35752), (91, 35830), (109, 35980), (120, 36076),

Gene: Frankie_18 Start: 16658, Stop: 17506, Start Num: 10

Candidate Starts for Frankie_18:

(Start: 10 @16658 has 38 MA's), (Start: 17 @16676 has 195 MA's), (21, 16688), (22, 16712), (Start: 25 @16727 has 1 MA's), (32, 16772), (38, 16832), (39, 16856), (49, 16946), (51, 16955), (56, 17003), (61, 17048), (62, 17054), (63, 17057), (68, 17081), (69, 17084), (71, 17099), (80, 17162), (82, 17171), (85, 17210), (88, 17225), (93, 17261), (94, 17264), (95, 17273), (96, 17297), (100, 17318), (106, 17345), (109, 17387), (118, 17444), (119, 17474),

Gene: FreddyB_17 Start: 16580, Stop: 17410, Start Num: 17

Candidate Starts for FreddyB_17:

(Start: 10 @16562 has 38 MA's), (Start: 17 @16580 has 195 MA's), (21, 16592), (22, 16616), (Start: 25 @16631 has 1 MA's), (32, 16676), (35, 16706), (38, 16736), (39, 16760), (40, 16766), (49, 16850), (51, 16859), (56, 16907), (61, 16952), (62, 16958), (63, 16961), (68, 16985), (69, 16988), (71, 17003), (80, 17066), (82, 17075), (85, 17114), (88, 17129), (93, 17165), (94, 17168), (95, 17177), (96, 17201), (100, 17222), (109, 17291), (118, 17348), (119, 17378), (123, 17396),

Gene: Fruitloop_17 Start: 16584, Stop: 17432, Start Num: 10

Candidate Starts for Fruitloop_17:

(Start: 10 @16584 has 38 MA's), (Start: 17 @16602 has 195 MA's), (21, 16614), (22, 16638), (Start: 25 @16653 has 1 MA's), (32, 16698), (35, 16728), (38, 16758), (39, 16782), (49, 16872), (51, 16881), (56, 16929), (61, 16974), (62, 16980), (63, 16983), (68, 17007), (69, 17010), (71, 17025), (80, 17088), (82, 17097), (85, 17136), (88, 17151), (93, 17187), (94, 17190), (95, 17199), (96, 17223), (100, 17244), (109, 17313), (118, 17370), (119, 17400),

Gene: Fulbright_19 Start: 16711, Stop: 17553, Start Num: 17

Candidate Starts for Fulbright_19:

(Start: 17 @16711 has 195 MA's), (28, 16798), (36, 16846), (38, 16873), (43, 16912), (49, 16987), (51, 16996), (61, 17089), (72, 17149), (83, 17245), (88, 17266), (91, 17290), (94, 17305), (104, 17380), (108, 17416), (113, 17467), (119, 17524), (122, 17539),

Gene: GUmbie_17 Start: 16557, Stop: 17405, Start Num: 11

Candidate Starts for GUmbie_17:

(Start: 11 @16557 has 27 MA's), (Start: 17 @16572 has 195 MA's), (21, 16584), (22, 16608), (Start: 25 @16623 has 1 MA's), (32, 16668), (35, 16698), (49, 16845), (52, 16863), (56, 16902), (68, 16980), (69, 16983), (82, 17070), (85, 17109), (94, 17163), (95, 17172), (96, 17196), (100, 17217), (106, 17244), (109, 17286), (118, 17343), (119, 17373),

Gene: Galactic_17 Start: 16567, Stop: 17397, Start Num: 17

Candidate Starts for Galactic_17:

(Start: 10 @16549 has 38 MA's), (Start: 17 @16567 has 195 MA's), (21, 16579), (22, 16603), (Start: 25 @16618 has 1 MA's), (32, 16663), (35, 16693), (38, 16723), (39, 16747), (49, 16837), (51, 16846), (56, 16894), (61, 16939), (62, 16945), (63, 16948), (68, 16972), (69, 16975), (71, 16990), (80, 17053), (82, 17062), (85, 17101), (88, 17116), (93, 17152), (94, 17155), (95, 17164), (96, 17188), (100, 17209), (109, 17278), (118, 17335), (119, 17365),

Gene: Gandolph_17 Start: 16586, Stop: 17416, Start Num: 17

Candidate Starts for Gandolph_17:

(Start: 10 @16568 has 38 MA's), (Start: 17 @16586 has 195 MA's), (21, 16598), (22, 16622), (Start: 25 @16637 has 1 MA's), (32, 16682), (35, 16712), (38, 16742), (39, 16766), (40, 16772), (49, 16856), (51, 16865), (56, 16913), (61, 16958), (62, 16964), (63, 16967), (68, 16991), (69, 16994), (71, 17009), (80, 17072), (82, 17081), (85, 17120), (88, 17135), (93, 17171), (94, 17174), (95, 17183), (96, 17207), (100, 17228), (109, 17297), (118, 17354), (119, 17384), (123, 17402),

Gene: Gavriela_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for Gavriela_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: Geralt_17 Start: 16569, Stop: 17399, Start Num: 17

Candidate Starts for Geralt_17:

(Start: 10 @16551 has 38 MA's), (Start: 17 @16569 has 195 MA's), (21, 16581), (22, 16605), (Start: 25 @16620 has 1 MA's), (32, 16665), (35, 16695), (38, 16725), (39, 16749), (49, 16839), (51, 16848), (53, 16860), (56, 16896), (61, 16941), (62, 16947), (63, 16950), (68, 16974), (69, 16977), (71, 16992), (80, 17055), (82, 17064), (88, 17118), (91, 17142), (94, 17157), (95, 17166), (96, 17190), (100, 17211), (106, 17238), (109, 17280), (118, 17337), (119, 17367),

Gene: Gex_19 Start: 16710, Stop: 17552, Start Num: 17

Candidate Starts for Gex_19:

(Start: 17 @16710 has 195 MA's), (28, 16797), (30, 16803), (36, 16845), (38, 16872), (43, 16911), (49, 16986), (51, 16995), (61, 17088), (72, 17148), (83, 17244), (88, 17265), (91, 17289), (94, 17304), (104, 17379), (108, 17415), (113, 17466), (119, 17523), (122, 17538),

Gene: GigiOuiOui_17 Start: 16700, Stop: 17530, Start Num: 17

Candidate Starts for GigiOuiOui_17:

(Start: 11 @16685 has 27 MA's), (Start: 17 @16700 has 195 MA's), (21, 16712), (22, 16736), (Start: 25 @16751 has 1 MA's), (32, 16796), (35, 16826), (39, 16880), (49, 16970), (51, 16979), (56, 17027), (57, 17045), (61, 17072), (62, 17078), (63, 17081), (68, 17105), (69, 17108), (71, 17123), (82, 17195), (85, 17234), (94, 17288), (95, 17297), (96, 17321), (100, 17342), (106, 17369), (109, 17411), (118, 17468), (119, 17498),

Gene: Girafales_18 Start: 16400, Stop: 17230, Start Num: 17

Candidate Starts for Girafales_18:

(Start: 10 @16382 has 38 MA's), (Start: 17 @16400 has 195 MA's), (21, 16412), (22, 16436), (Start: 25 @16451 has 1 MA's), (32, 16496), (35, 16526), (38, 16556), (39, 16580), (49, 16670), (51, 16679), (53,

16691), (56, 16727), (62, 16778), (63, 16781), (68, 16805), (71, 16823), (80, 16886), (82, 16895), (85, 16934), (88, 16949), (94, 16988), (95, 16997), (96, 17021), (100, 17042), (109, 17111), (118, 17168), (119, 17198),

Gene: Girr_17 Start: 16541, Stop: 17374, Start Num: 17

Candidate Starts for Girr_17:

(Start: 11 @16526 has 27 MA's), (Start: 17 @16541 has 195 MA's), (21, 16553), (22, 16577), (Start: 25 @16592 has 1 MA's), (32, 16637), (35, 16667), (49, 16814), (52, 16832), (56, 16871), (68, 16949), (69, 16952), (82, 17039), (85, 17078), (94, 17132), (95, 17141), (96, 17165), (100, 17186), (106, 17213), (109, 17255), (118, 17312), (119, 17342),

Gene: Glaske_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for Glaske_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: Gonephishing_33 Start: 27045, Stop: 27896, Start Num: 19

Candidate Starts for Gonephishing_33:

(Start: 19 @27045 has 11 MA's), (21, 27051), (28, 27126), (35, 27168), (40, 27225), (45, 27270), (46, 27273), (54, 27366), (55, 27369), (66, 27459), (67, 27465), (71, 27483), (72, 27492), (85, 27597), (92, 27639), (96, 27681), (102, 27711), (109, 27771),

Gene: Gorge_17 Start: 16541, Stop: 17386, Start Num: 11

Candidate Starts for Gorge_17:

(Start: 11 @16541 has 27 MA's), (Start: 17 @16556 has 195 MA's), (21, 16568), (22, 16592), (Start: 25 @16607 has 1 MA's), (32, 16652), (35, 16682), (39, 16736), (49, 16826), (51, 16835), (56, 16883), (57, 16901), (61, 16928), (62, 16934), (63, 16937), (68, 16961), (69, 16964), (71, 16979), (82, 17051), (85, 17090), (94, 17144), (95, 17153), (96, 17177), (100, 17198), (106, 17225), (109, 17267), (118, 17324), (119, 17354),

Gene: GreaseLightnin_20 Start: 18150, Stop: 19043, Start Num: 12

Candidate Starts for GreaseLightnin_20:

(Start: 12 @18150 has 46 MA's), (Start: 25 @18204 has 1 MA's), (27, 18228), (31, 18252), (33, 18273), (39, 18330), (42, 18342), (46, 18384), (53, 18444), (64, 18552), (83, 18720), (84, 18723), (94, 18777), (104, 18861), (105, 18864), (109, 18918), (122, 19026), (123, 19029),

Gene: Grimmer_18 Start: 17233, Stop: 18063, Start Num: 17

Candidate Starts for Grimmer_18:

(Start: 11 @17218 has 27 MA's), (Start: 17 @17233 has 195 MA's), (21, 17245), (22, 17269), (Start: 25 @17284 has 1 MA's), (32, 17329), (35, 17359), (39, 17413), (40, 17419), (49, 17503), (51, 17512), (56, 17560), (61, 17605), (62, 17611), (63, 17614), (68, 17638), (69, 17641), (71, 17656), (80, 17719), (82, 17728), (85, 17767), (88, 17782), (93, 17818), (94, 17821), (95, 17830), (96, 17854), (100, 17875), (106, 17902), (109, 17944), (118, 18001), (119, 18031),

Gene: Guppsters_18 Start: 16754, Stop: 17587, Start Num: 17

Candidate Starts for Guppsters_18:

(Start: 10 @16736 has 38 MA's), (Start: 17 @16754 has 195 MA's), (21, 16766), (22, 16790), (Start: 25 @16805 has 1 MA's), (32, 16850), (35, 16880), (49, 17027), (52, 17045), (56, 17084), (61, 17129), (62, 17135), (63, 17138), (68, 17162), (69, 17165), (71, 17180), (80, 17243), (82, 17252), (85, 17291), (88, 17306), (91, 17330), (93, 17342), (94, 17345), (95, 17354), (96, 17378), (100, 17399), (104, 17420), (105, 17423), (109, 17468), (118, 17525), (119, 17555), (123, 17573),

Gene: HC_20 Start: 18233, Stop: 19084, Start Num: 13

Candidate Starts for HC_20:

(Start: 13 @18233 has 37 MA's), (26, 18299), (41, 18434), (44, 18470), (50, 18518), (56, 18572), (60, 18614), (70, 18653), (72, 18674), (75, 18692), (79, 18737), (89, 18803), (98, 18890), (101, 18899), (103, 18914), (104, 18917), (105, 18920), (114, 19004), (120, 19061),

Gene: HUHilltop_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for HUHilltop_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Hades_17 Start: 16561, Stop: 17409, Start Num: 10

Candidate Starts for Hades_17:

(Start: 10 @16561 has 38 MA's), (Start: 17 @16579 has 195 MA's), (21, 16591), (22, 16615), (Start: 25 @16630 has 1 MA's), (32, 16675), (35, 16705), (38, 16735), (39, 16759), (49, 16849), (51, 16858), (56, 16906), (61, 16951), (62, 16957), (63, 16960), (68, 16984), (71, 17002), (80, 17065), (82, 17074), (85, 17113), (88, 17128), (93, 17164), (94, 17167), (95, 17176), (96, 17200), (100, 17221), (109, 17290), (118, 17347), (119, 17377), (123, 17395),

Gene: Halley_38 Start: 29377, Stop: 30228, Start Num: 18

Candidate Starts for Halley_38:

(Start: 18 @29377 has 29 MA's), (21, 29383), (28, 29458), (32, 29473), (40, 29557), (45, 29602), (47, 29611), (55, 29701), (66, 29791), (72, 29824), (73, 29830), (94, 29980), (96, 30013), (97, 30016), (107, 30082), (120, 30205), (122, 30211),

Gene: Hamulus_17 Start: 16576, Stop: 17406, Start Num: 17

Candidate Starts for Hamulus_17:

(Start: 10 @16558 has 38 MA's), (Start: 17 @16576 has 195 MA's), (21, 16588), (22, 16612), (Start: 25 @16627 has 1 MA's), (32, 16672), (35, 16702), (38, 16732), (39, 16756), (49, 16846), (51, 16855), (56, 16903), (61, 16948), (62, 16954), (63, 16957), (68, 16981), (69, 16984), (71, 16999), (80, 17062), (82, 17071), (85, 17110), (88, 17125), (93, 17161), (94, 17164), (95, 17173), (96, 17197), (100, 17218), (109, 17287), (118, 17344), (119, 17374),

Gene: Hanako_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Hanako_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Hannaconda_32 Start: 25530, Stop: 26381, Start Num: 19

Candidate Starts for Hannaconda_32:

(Start: 19 @25530 has 11 MA's), (21, 25536), (28, 25611), (35, 25653), (40, 25710), (45, 25755), (46, 25758), (54, 25851), (55, 25854), (57, 25875), (66, 25944), (71, 25968), (72, 25977), (85, 26082), (92, 26124), (96, 26166), (102, 26196), (109, 26256),

Gene: Harley_17 Start: 16566, Stop: 17396, Start Num: 17

Candidate Starts for Harley_17:

(Start: 11 @16551 has 27 MA's), (Start: 17 @16566 has 195 MA's), (21, 16578), (22, 16602), (Start: 25 @16617 has 1 MA's), (32, 16662), (35, 16692), (38, 16722), (39, 16746), (49, 16836), (51, 16845), (56, 16893), (61, 16938), (62, 16944), (63, 16947), (68, 16971), (69, 16974), (80, 17052), (82, 17061), (85, 17100), (88, 17115), (93, 17151), (94, 17154), (95, 17163), (96, 17187), (100, 17208), (105, 17232), (106, 17235), (109, 17277), (118, 17334), (119, 17364),

Gene: Hegedechwinu_18 Start: 16424, Stop: 17257, Start Num: 17

Candidate Starts for Hegedechwinu_18:

(Start: 11 @16409 has 27 MA's), (Start: 17 @16424 has 195 MA's), (21, 16436), (22, 16460), (Start: 25 @16475 has 1 MA's), (32, 16520), (35, 16550), (49, 16697), (52, 16715), (56, 16754), (61, 16799), (62, 16805), (63, 16808), (68, 16832), (69, 16835), (71, 16850), (80, 16913), (82, 16922), (85, 16961), (88, 16976), (93, 17012), (94, 17015), (95, 17024), (96, 17048), (100, 17069), (109, 17138), (118, 17195), (119, 17225),

Gene: Hlubikazi_17 Start: 16668, Stop: 17498, Start Num: 17

Candidate Starts for Hlubikazi_17:

(Start: 10 @16650 has 38 MA's), (Start: 17 @16668 has 195 MA's), (21, 16680), (22, 16704), (Start: 25 @16719 has 1 MA's), (32, 16764), (35, 16794), (39, 16848), (49, 16938), (51, 16947), (56, 16995), (57, 17013), (61, 17040), (62, 17046), (63, 17049), (68, 17073), (69, 17076), (82, 17163), (85, 17202), (94, 17256), (95, 17265), (96, 17289), (100, 17310), (106, 17337), (109, 17379), (118, 17436), (119, 17466),

Gene: HokkenD_33 Start: 28926, Stop: 29777, Start Num: 18

Candidate Starts for HokkenD_33:

(Start: 18 @28926 has 29 MA's), (21, 28932), (28, 29007), (32, 29022), (40, 29106), (45, 29151), (47, 29160), (55, 29250), (66, 29340), (72, 29373), (73, 29379), (94, 29529), (96, 29562), (97, 29565), (107, 29631), (120, 29754), (122, 29760),

Gene: Hughesyang_36 Start: 29274, Stop: 30125, Start Num: 18

Candidate Starts for Hughesyang_36:

(Start: 18 @29274 has 29 MA's), (21, 29280), (28, 29355), (40, 29454), (45, 29499), (46, 29502), (55, 29598), (66, 29688), (71, 29712), (72, 29721), (74, 29736), (89, 29844), (92, 29868), (96, 29910), (111, 30021), (116, 30045), (122, 30108),

Gene: IMpilo_17 Start: 16603, Stop: 17433, Start Num: 17

Candidate Starts for IMpilo_17:

(Start: 10 @16585 has 38 MA's), (Start: 17 @16603 has 195 MA's), (21, 16615), (22, 16639), (Start: 25 @16654 has 1 MA's), (32, 16699), (35, 16729), (38, 16759), (39, 16783), (49, 16873), (51, 16882), (56, 16930), (61, 16975), (62, 16981), (63, 16984), (68, 17008), (69, 17011), (71, 17026), (80, 17089), (82, 17098), (85, 17137), (88, 17152), (93, 17188), (94, 17191), (95, 17200), (96, 17224), (100, 17245), (109, 17314), (118, 17371), (119, 17401),

Gene: lbOuu_17 Start: 16570, Stop: 17400, Start Num: 17

Candidate Starts for lbOuu_17:

(Start: 11 @16555 has 27 MA's), (Start: 17 @16570 has 195 MA's), (21, 16582), (22, 16606), (Start: 25 @16621 has 1 MA's), (32, 16666), (35, 16696), (38, 16726), (39, 16750), (49, 16840), (51, 16849), (56, 16897), (57, 16915), (61, 16942), (62, 16948), (63, 16951), (68, 16975), (69, 16978), (80, 17056), (82, 17065), (85, 17104), (88, 17119), (93, 17155), (94, 17158), (95, 17167), (96, 17191), (100, 17212), (105, 17236), (106, 17239), (109, 17281), (118, 17338), (119, 17368),

Gene: lbhubesi_17 Start: 16551, Stop: 17396, Start Num: 11

Candidate Starts for lbhubesi_17:

(Start: 11 @16551 has 27 MA's), (Start: 17 @16566 has 195 MA's), (21, 16578), (22, 16602), (Start: 25 @16617 has 1 MA's), (32, 16662), (35, 16692), (38, 16722), (39, 16746), (49, 16836), (51, 16845), (56, 16893), (61, 16938), (62, 16944), (63, 16947), (68, 16971), (69, 16974), (80, 17052), (82, 17061), (85, 17100), (88, 17115), (93, 17151), (94, 17154), (95, 17163), (96, 17187), (100, 17208), (105, 17232), (106, 17235), (109, 17277), (118, 17334), (119, 17364),

Gene: Idergollasper_57 Start: 35251, Stop: 36099, Start Num: 13

Candidate Starts for Idergollasper_57:

(Start: 13 @35251 has 37 MA's), (14, 35257), (20, 35272), (24, 35311), (29, 35356), (37, 35410), (48, 35524), (70, 35668), (72, 35689), (82, 35752), (91, 35830), (109, 35980), (120, 36076),

Gene: Inventum_17 Start: 16705, Stop: 17535, Start Num: 17

Candidate Starts for Inventum_17:

(Start: 11 @16690 has 27 MA's), (Start: 17 @16705 has 195 MA's), (21, 16717), (22, 16741), (Start: 25 @16756 has 1 MA's), (32, 16801), (35, 16831), (38, 16861), (39, 16885), (49, 16975), (51, 16984), (53, 16996), (56, 17032), (62, 17083), (63, 17086), (68, 17110), (71, 17128), (80, 17191), (82, 17200), (88, 17254), (91, 17278), (94, 17293), (95, 17302), (96, 17326), (100, 17347), (106, 17374), (109, 17416), (118, 17473), (119, 17503),

Gene: IrishSherpFalk_18 Start: 17930, Stop: 18760, Start Num: 17

Candidate Starts for IrishSherpFalk_18:

(Start: 11 @17915 has 27 MA's), (Start: 17 @17930 has 195 MA's), (21, 17942), (22, 17966), (Start: 25 @17981 has 1 MA's), (32, 18026), (35, 18056), (39, 18110), (49, 18200), (51, 18209), (56, 18257), (57, 18275), (61, 18302), (62, 18308), (63, 18311), (68, 18335), (69, 18338), (71, 18353), (82, 18425), (85, 18464), (94, 18518), (95, 18527), (96, 18551), (100, 18572), (106, 18599), (109, 18641), (118, 18698), (119, 18728),

Gene: Island3_20 Start: 18241, Stop: 19092, Start Num: 13

Candidate Starts for Island3_20:

(Start: 13 @18241 has 37 MA's), (26, 18307), (41, 18442), (44, 18478), (50, 18526), (56, 18580), (60, 18622), (70, 18661), (72, 18682), (75, 18700), (79, 18745), (89, 18811), (98, 18898), (101, 18907), (103, 18922), (104, 18925), (105, 18928), (114, 19012), (120, 19069),

Gene: JalFarm20_19 Start: 16940, Stop: 17770, Start Num: 17

Candidate Starts for JalFarm20_19:

(Start: 10 @16922 has 38 MA's), (Start: 17 @16940 has 195 MA's), (21, 16952), (22, 16976), (Start: 25 @16991 has 1 MA's), (32, 17036), (35, 17066), (38, 17096), (39, 17120), (49, 17210), (51, 17219), (56, 17267), (61, 17312), (62, 17318), (63, 17321), (68, 17345), (69, 17348), (71, 17363), (80, 17426), (82, 17435), (85, 17474), (88, 17489), (93, 17525), (94, 17528), (95, 17537), (96, 17561), (100, 17582), (109, 17651), (118, 17708), (119, 17738),

Gene: James_17 Start: 16555, Stop: 17400, Start Num: 11

Candidate Starts for James_17:

(Start: 11 @16555 has 27 MA's), (Start: 17 @16570 has 195 MA's), (21, 16582), (22, 16606), (Start: 25 @16621 has 1 MA's), (32, 16666), (35, 16696), (39, 16750), (49, 16840), (51, 16849), (56, 16897), (57, 16915), (61, 16942), (62, 16948), (63, 16951), (68, 16975), (69, 16978), (71, 16993), (82, 17065), (85, 17104), (94, 17158), (95, 17167), (96, 17191), (100, 17212), (106, 17239), (109, 17281), (118, 17338), (119, 17368),

Gene: Jamie19_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Jamie19_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: JangDynasty_57 Start: 35337, Stop: 36185, Start Num: 13

Candidate Starts for JangDynasty_57:

(Start: 13 @35337 has 37 MA's), (14, 35343), (20, 35358), (24, 35397), (29, 35442), (37, 35496), (48, 35610), (70, 35754), (72, 35775), (82, 35838), (91, 35916), (109, 36066), (120, 36162),

Gene: Jant_17 Start: 16726, Stop: 17556, Start Num: 17

Candidate Starts for Jant_17:

(3, 16573), (6, 16630), (Start: 10 @16708 has 38 MA's), (Start: 17 @16726 has 195 MA's), (21, 16738), (22, 16762), (Start: 25 @16777 has 1 MA's), (32, 16822), (35, 16852), (38, 16882), (39, 16906), (49, 16996), (51, 17005), (56, 17053), (61, 17098), (62, 17104), (63, 17107), (68, 17131), (71, 17149), (80, 17212), (82, 17221), (85, 17260), (88, 17275), (93, 17311), (94, 17314), (95, 17323), (96, 17347), (100, 17368), (109, 17437), (118, 17494), (119, 17524),

Gene: Jacob_17 Start: 16578, Stop: 17408, Start Num: 17

Candidate Starts for Jacob_17:

(Start: 11 @16563 has 27 MA's), (Start: 17 @16578 has 195 MA's), (21, 16590), (22, 16614), (Start: 25 @16629 has 1 MA's), (32, 16674), (35, 16704), (39, 16758), (49, 16848), (51, 16857), (56, 16905), (57, 16923), (61, 16950), (62, 16956), (63, 16959), (68, 16983), (69, 16986), (71, 17001), (82, 17073), (85, 17112), (93, 17163), (94, 17166), (95, 17175), (96, 17199), (100, 17220), (109, 17289), (118, 17346), (119, 17376),

Gene: Jebeks_20 Start: 18129, Stop: 19022, Start Num: 12

Candidate Starts for Jebeks_20:

(Start: 12 @18129 has 46 MA's), (Start: 25 @18183 has 1 MA's), (27, 18207), (31, 18231), (33, 18252), (39, 18309), (42, 18321), (46, 18363), (53, 18423), (64, 18531), (83, 18699), (84, 18702), (94, 18756), (104, 18840), (105, 18843), (109, 18897), (122, 19005), (123, 19008),

Gene: Jinglebell_16 Start: 16807, Stop: 17637, Start Num: 17

Candidate Starts for Jinglebell_16:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: Job42_20 Start: 18234, Stop: 19085, Start Num: 10

Candidate Starts for Job42_20:

(Start: 10 @18234 has 38 MA's), (Start: 17 @18252 has 195 MA's), (21, 18264), (22, 18288), (Start: 25 @18303 has 1 MA's), (32, 18348), (35, 18378), (49, 18525), (52, 18543), (56, 18582), (61, 18627), (62, 18633), (63, 18636), (68, 18660), (71, 18678), (80, 18741), (82, 18750), (85, 18789), (88, 18804), (93, 18840), (94, 18843), (95, 18852), (96, 18876), (100, 18897), (104, 18918), (105, 18921), (109, 18966), (118, 19023), (119, 19053), (123, 19071),

Gene: JoeyJr_17 Start: 16726, Stop: 17571, Start Num: 11

Candidate Starts for JoeyJr_17:

(Start: 11 @16726 has 27 MA's), (Start: 17 @16741 has 195 MA's), (21, 16753), (22, 16777), (Start: 25 @16792 has 1 MA's), (32, 16837), (35, 16867), (38, 16897), (39, 16921), (49, 17011), (51, 17020), (56, 17068), (57, 17086), (61, 17113), (62, 17119), (63, 17122), (68, 17146), (69, 17149), (80, 17227), (82, 17236), (85, 17275), (88, 17290), (93, 17326), (94, 17329), (95, 17338), (96, 17362), (100, 17383), (105, 17407), (106, 17410), (109, 17452), (118, 17509), (119, 17539),

Gene: Journey_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Journey_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Juice456_19 Start: 17692, Stop: 18522, Start Num: 17

Candidate Starts for Juice456_19:

(Start: 10 @17674 has 38 MA's), (Start: 17 @17692 has 195 MA's), (21, 17704), (22, 17728), (Start: 25 @17743 has 1 MA's), (32, 17788), (35, 17818), (38, 17848), (39, 17872), (49, 17962), (51, 17971), (56, 18019), (61, 18064), (62, 18070), (63, 18073), (68, 18097), (69, 18100), (71, 18115), (80, 18178), (82, 18187), (85, 18226), (88, 18241), (93, 18277), (94, 18280), (95, 18289), (96, 18313), (100, 18334), (109, 18403), (118, 18460), (119, 18490),

Gene: JuicyJay_40 Start: 31127, Stop: 31978, Start Num: 18

Candidate Starts for JuicyJay_40:

(Start: 18 @31127 has 29 MA's), (21, 31133), (28, 31208), (32, 31223), (40, 31307), (45, 31352), (47, 31361), (55, 31451), (66, 31541), (72, 31574), (73, 31580), (94, 31730), (96, 31763), (97, 31766), (107, 31832), (120, 31955), (122, 31961),

Gene: Jung_20 Start: 18070, Stop: 18963, Start Num: 12

Candidate Starts for Jung_20:

(Start: 12 @18070 has 46 MA's), (Start: 25 @18124 has 1 MA's), (27, 18148), (31, 18172), (33, 18193), (39, 18250), (42, 18262), (46, 18304), (53, 18364), (64, 18472), (83, 18640), (84, 18643), (94, 18697), (104, 18781), (105, 18784), (109, 18838), (122, 18946), (123, 18949),

Gene: Juniormint_20 Start: 18170, Stop: 19063, Start Num: 12

Candidate Starts for Juniormint_20:

(Start: 12 @18170 has 46 MA's), (Start: 25 @18224 has 1 MA's), (27, 18248), (31, 18272), (33, 18293), (39, 18350), (42, 18362), (46, 18404), (53, 18464), (64, 18572), (83, 18740), (84, 18743), (94, 18797), (104, 18881), (105, 18884), (109, 18938), (122, 19046), (123, 19049),

Gene: Juniper1_17 Start: 16567, Stop: 17397, Start Num: 17

Candidate Starts for Juniper1_17:

(Start: 11 @16552 has 27 MA's), (Start: 17 @16567 has 195 MA's), (21, 16579), (22, 16603), (Start: 25 @16618 has 1 MA's), (32, 16663), (35, 16693), (39, 16747), (40, 16753), (49, 16837), (51, 16846), (56, 16894), (61, 16939), (62, 16945), (63, 16948), (68, 16972), (69, 16975), (71, 16990), (80, 17053), (82, 17062), (85, 17101), (88, 17116), (93, 17152), (94, 17155), (95, 17164), (96, 17188), (100, 17209), (106, 17236), (109, 17278), (118, 17335), (119, 17365),

Gene: Kalah2_38 Start: 29714, Stop: 30565, Start Num: 18

Candidate Starts for Kalah2_38:

(Start: 18 @29714 has 29 MA's), (21, 29720), (28, 29795), (32, 29810), (40, 29894), (45, 29939), (47, 29948), (55, 30038), (66, 30128), (72, 30161), (73, 30167), (94, 30317), (96, 30350), (97, 30353), (107, 30419), (120, 30542), (122, 30548),

Gene: Karhdo_17 Start: 16701, Stop: 17531, Start Num: 17

Candidate Starts for Karhdo_17:

(Start: 11 @16686 has 27 MA's), (Start: 17 @16701 has 195 MA's), (21, 16713), (22, 16737), (Start: 25 @16752 has 1 MA's), (32, 16797), (35, 16827), (38, 16857), (39, 16881), (40, 16887), (49, 16971), (51, 16980), (56, 17028), (61, 17073), (62, 17079), (63, 17082), (68, 17106), (71, 17124), (80, 17187), (82, 17196), (85, 17235), (88, 17250), (93, 17286), (94, 17289), (95, 17298), (96, 17322), (100, 17343), (109, 17412), (118, 17469), (119, 17499),

Gene: Kari_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Kari_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: KashFlow_29 Start: 25160, Stop: 26011, Start Num: 19

Candidate Starts for KashFlow_29:

(Start: 19 @25160 has 11 MA's), (21, 25166), (28, 25241), (35, 25283), (40, 25340), (45, 25385), (46, 25388), (54, 25481), (55, 25484), (57, 25505), (66, 25574), (71, 25598), (72, 25607), (85, 25712), (92, 25754), (96, 25796), (102, 25826), (109, 25886),

Gene: Kenuha5_17 Start: 16693, Stop: 17526, Start Num: 17

Candidate Starts for Kenuha5_17:

(Start: 10 @16675 has 38 MA's), (Start: 17 @16693 has 195 MA's), (21, 16705), (22, 16729), (Start: 25 @16744 has 1 MA's), (32, 16789), (35, 16819), (49, 16966), (52, 16984), (56, 17023), (61, 17068), (62, 17074), (63, 17077), (68, 17101), (69, 17104), (71, 17119), (80, 17182), (82, 17191), (85, 17230), (88, 17245), (91, 17269), (94, 17284), (95, 17293), (96, 17317), (100, 17338), (109, 17407), (118, 17464), (119, 17494),

Gene: Kersh_18 Start: 16726, Stop: 17571, Start Num: 11

Candidate Starts for Kersh_18:

(Start: 11 @16726 has 27 MA's), (Start: 17 @16741 has 195 MA's), (21, 16753), (22, 16777), (Start: 25 @16792 has 1 MA's), (32, 16837), (39, 16921), (40, 16927), (49, 17011), (51, 17020), (56, 17068), (61, 17113), (62, 17119), (63, 17122), (68, 17146), (69, 17149), (71, 17164), (80, 17227), (82, 17236), (85, 17275), (88, 17290), (93, 17326), (94, 17329), (95, 17338), (96, 17362), (100, 17383), (105, 17407), (106, 17410), (109, 17452), (118, 17509), (119, 17539), (123, 17557),

Gene: Kevin1_19 Start: 16682, Stop: 17524, Start Num: 17

Candidate Starts for Kevin1_19:

(Start: 17 @16682 has 195 MA's), (28, 16769), (31, 16781), (35, 16814), (39, 16868), (51, 16967), (61, 17060), (63, 17069), (72, 17120), (80, 17174), (83, 17216), (88, 17237), (89, 17240), (91, 17261), (104, 17351), (108, 17387), (113, 17438), (119, 17495), (120, 17504), (122, 17510),

Gene: KilKor_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for KilKor_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: Kimberlium_19 Start: 17674, Stop: 18522, Start Num: 10

Candidate Starts for Kimberlium_19:

(Start: 10 @17674 has 38 MA's), (Start: 17 @17692 has 195 MA's), (21, 17704), (22, 17728), (Start: 25 @17743 has 1 MA's), (32, 17788), (35, 17818), (38, 17848), (39, 17872), (49, 17962), (51, 17971), (56, 18019), (61, 18064), (62, 18070), (63, 18073), (68, 18097), (69, 18100), (71, 18115), (80, 18178), (82, 18187), (85, 18226), (88, 18241), (93, 18277), (94, 18280), (95, 18289), (96, 18313), (100, 18334), (109, 18403), (118, 18460), (119, 18490),

Gene: KingJulian_17 Start: 16607, Stop: 17440, Start Num: 17

Candidate Starts for KingJulian_17:

(Start: 10 @16589 has 38 MA's), (Start: 17 @16607 has 195 MA's), (21, 16619), (22, 16643), (Start: 25 @16658 has 1 MA's), (32, 16703), (35, 16733), (49, 16880), (52, 16898), (56, 16937), (61, 16982), (62, 16988), (63, 16991), (68, 17015), (69, 17018), (71, 17033), (80, 17096), (82, 17105), (85, 17144), (88, 17159), (93, 17195), (94, 17198), (95, 17207), (96, 17231), (100, 17252), (109, 17321), (118, 17378), (119, 17408),

Gene: KingMidas_18 Start: 17874, Stop: 18704, Start Num: 17

Candidate Starts for KingMidas_18:

(Start: 11 @17859 has 27 MA's), (Start: 17 @17874 has 195 MA's), (21, 17886), (22, 17910), (Start: 25 @17925 has 1 MA's), (32, 17970), (35, 18000), (38, 18030), (39, 18054), (49, 18144), (51, 18153), (56, 18201), (61, 18246), (62, 18252), (63, 18255), (68, 18279), (69, 18282), (71, 18297), (80, 18360), (82, 18369), (85, 18408), (88, 18423), (93, 18459), (94, 18462), (95, 18471), (96, 18495), (100, 18516), (105, 18540), (106, 18543), (109, 18585), (118, 18642), (119, 18672),

Gene: KingPhillip3_56 Start: 35266, Stop: 36114, Start Num: 13

Candidate Starts for KingPhillip3_56:

(Start: 13 @35266 has 37 MA's), (14, 35272), (20, 35287), (24, 35326), (29, 35371), (37, 35425), (48, 35539), (70, 35683), (72, 35704), (82, 35767), (91, 35845), (109, 35995), (120, 36091),

Gene: Kingsley_18 Start: 16426, Stop: 17256, Start Num: 17

Candidate Starts for Kingsley_18:

(Start: 10 @16408 has 38 MA's), (Start: 17 @16426 has 195 MA's), (21, 16438), (22, 16462), (Start: 25 @16477 has 1 MA's), (32, 16522), (35, 16552), (38, 16582), (39, 16606), (49, 16696), (51, 16705), (56, 16753), (61, 16798), (62, 16804), (63, 16807), (68, 16831), (71, 16849), (80, 16912), (82, 16921), (85, 16960), (88, 16975), (93, 17011), (94, 17014), (95, 17023), (96, 17047), (100, 17068), (109, 17137), (118, 17194), (119, 17224),

Gene: Klein_38 Start: 28938, Stop: 29789, Start Num: 18

Candidate Starts for Klein_38:

(Start: 18 @28938 has 29 MA's), (21, 28944), (28, 29019), (32, 29034), (40, 29118), (45, 29163), (47, 29172), (55, 29262), (66, 29352), (72, 29385), (73, 29391), (94, 29541), (96, 29574), (97, 29577), (107, 29643), (120, 29766), (122, 29772),

Gene: Koella_17 Start: 16520, Stop: 17368, Start Num: 10

Candidate Starts for Koella_17:

(Start: 10 @16520 has 38 MA's), (Start: 17 @16538 has 195 MA's), (21, 16550), (22, 16574), (Start: 25 @16589 has 1 MA's), (32, 16634), (35, 16664), (38, 16694), (39, 16718), (49, 16808), (51, 16817), (56, 16865), (61, 16910), (62, 16916), (63, 16919), (68, 16943), (69, 16946), (71, 16961), (80, 17024), (82, 17033), (85, 17072), (88, 17087), (93, 17123), (94, 17126), (95, 17135), (96, 17159), (100, 17180), (109, 17249), (118, 17306), (119, 17336),

Gene: Krakatau_18 Start: 17268, Stop: 18098, Start Num: 17

Candidate Starts for Krakatau_18:

(Start: 10 @17250 has 38 MA's), (Start: 17 @17268 has 195 MA's), (21, 17280), (22, 17304), (Start: 25 @17319 has 1 MA's), (32, 17364), (35, 17394), (38, 17424), (39, 17448), (49, 17538), (51, 17547), (53, 17559), (56, 17595), (61, 17640), (62, 17646), (63, 17649), (68, 17673), (71, 17691), (80, 17754), (82, 17763), (85, 17802), (88, 17817), (93, 17853), (94, 17856), (95, 17865), (96, 17889), (100, 17910), (109, 17979), (118, 18036), (119, 18066),

Gene: Krili_56 Start: 34761, Stop: 35609, Start Num: 13

Candidate Starts for Krili_56:

(Start: 13 @34761 has 37 MA's), (14, 34767), (20, 34782), (24, 34821), (29, 34866), (37, 34920), (48, 35034), (70, 35178), (72, 35199), (82, 35262), (91, 35340), (109, 35490), (120, 35586),

Gene: KristaRAM_18 Start: 17243, Stop: 18073, Start Num: 17

Candidate Starts for KristaRAM_18:

(Start: 10 @17225 has 38 MA's), (Start: 17 @17243 has 195 MA's), (21, 17255), (22, 17279), (Start: 25 @17294 has 1 MA's), (32, 17339), (35, 17369), (38, 17399), (39, 17423), (49, 17513), (51, 17522), (56, 17570), (61, 17615), (62, 17621), (63, 17624), (68, 17648), (69, 17651), (71, 17666), (80, 17729), (82, 17738), (85, 17777), (88, 17792), (93, 17828), (94, 17831), (95, 17840), (96, 17864), (100, 17885), (109, 17954), (118, 18011), (119, 18041),

Gene: Ksquared_20 Start: 18166, Stop: 19059, Start Num: 12

Candidate Starts for Ksquared_20:

(Start: 12 @18166 has 46 MA's), (Start: 25 @18220 has 1 MA's), (27, 18244), (31, 18268), (33, 18289), (39, 18346), (42, 18358), (46, 18400), (53, 18460), (64, 18568), (83, 18736), (84, 18739), (94, 18793), (104, 18877), (105, 18880), (109, 18934), (122, 19042), (123, 19045),

Gene: Langerak_20 Start: 18128, Stop: 19021, Start Num: 12

Candidate Starts for Langerak_20:

(Start: 12 @18128 has 46 MA's), (Start: 25 @18182 has 1 MA's), (27, 18206), (31, 18230), (33, 18251), (39, 18308), (42, 18320), (46, 18362), (53, 18422), (64, 18530), (83, 18698), (84, 18701), (94, 18755), (104, 18839), (105, 18842), (109, 18896), (122, 19004), (123, 19007),

Gene: LastJedi_17 Start: 16569, Stop: 17399, Start Num: 17

Candidate Starts for LastJedi_17:

(Start: 10 @16551 has 38 MA's), (Start: 17 @16569 has 195 MA's), (21, 16581), (22, 16605), (Start: 25 @16620 has 1 MA's), (32, 16665), (35, 16695), (38, 16725), (39, 16749), (49, 16839), (51, 16848), (56, 16896), (61, 16941), (62, 16947), (63, 16950), (68, 16974), (69, 16977), (71, 16992), (80, 17055), (82, 17064), (85, 17103), (88, 17118), (93, 17154), (94, 17157), (95, 17166), (96, 17190), (100, 17211), (109, 17280), (118, 17337), (119, 17367),

Gene: Latretium_18 Start: 17250, Stop: 18080, Start Num: 17

Candidate Starts for Latretium_18:

(Start: 10 @17232 has 38 MA's), (Start: 17 @17250 has 195 MA's), (21, 17262), (22, 17286), (Start: 25 @17301 has 1 MA's), (32, 17346), (35, 17376), (38, 17406), (39, 17430), (49, 17520), (51, 17529), (53, 17541), (56, 17577), (61, 17622), (62, 17628), (63, 17631), (68, 17655), (71, 17673), (80, 17736), (82, 17745), (85, 17784), (88, 17799), (93, 17835), (94, 17838), (95, 17847), (96, 17871), (100, 17892), (109, 17961), (118, 18018), (119, 18048),

Gene: Leozinho_18 Start: 16416, Stop: 17246, Start Num: 17

Candidate Starts for Leozinho_18:

(Start: 10 @16398 has 38 MA's), (Start: 17 @16416 has 195 MA's), (21, 16428), (22, 16452), (Start: 25 @16467 has 1 MA's), (32, 16512), (35, 16542), (38, 16572), (39, 16596), (49, 16686), (51, 16695), (56, 16743), (61, 16788), (62, 16794), (63, 16797), (68, 16821), (69, 16824), (71, 16839), (80, 16902), (82, 16911), (85, 16950), (88, 16965), (93, 17001), (94, 17004), (95, 17013), (96, 17037), (100, 17058), (109, 17127), (118, 17184), (119, 17214),

Gene: Leperchaun_17 Start: 16560, Stop: 17390, Start Num: 17

Candidate Starts for Leperchaun_17:

(Start: 10 @16542 has 38 MA's), (Start: 17 @16560 has 195 MA's), (21, 16572), (22, 16596), (Start: 25 @16611 has 1 MA's), (32, 16656), (35, 16686), (39, 16740), (49, 16830), (51, 16839), (56, 16887), (57, 16905), (61, 16932), (62, 16938), (63, 16941), (68, 16965), (69, 16968), (71, 16983), (82, 17055), (85, 17094), (94, 17148), (95, 17157), (96, 17181), (100, 17202), (106, 17229), (109, 17271), (118, 17328), (119, 17358),

Gene: LilMoolah_17 Start: 16704, Stop: 17534, Start Num: 17

Candidate Starts for LilMoolah_17:

(Start: 11 @16689 has 27 MA's), (Start: 17 @16704 has 195 MA's), (21, 16716), (22, 16740), (Start: 25 @16755 has 1 MA's), (32, 16800), (35, 16830), (39, 16884), (49, 16974), (51, 16983), (56, 17031), (57, 17049), (61, 17076), (62, 17082), (63, 17085), (68, 17109), (69, 17112), (71, 17127), (82, 17199), (85, 17238), (94, 17292), (95, 17301), (96, 17325), (100, 17346), (106, 17373), (109, 17415), (118, 17472), (119, 17502),

Gene: LittleE_38 Start: 30124, Stop: 30975, Start Num: 19

Candidate Starts for LittleE_38:

(Start: 19 @30124 has 11 MA's), (21, 30130), (28, 30205), (35, 30247), (40, 30304), (45, 30349), (46, 30352), (54, 30445), (55, 30448), (66, 30538), (67, 30544), (71, 30562), (72, 30571), (85, 30676), (92, 30718), (96, 30760), (102, 30790), (109, 30850),

Gene: LittleShirley_18 Start: 16391, Stop: 17221, Start Num: 17

Candidate Starts for LittleShirley_18:

(Start: 11 @16376 has 27 MA's), (Start: 17 @16391 has 195 MA's), (21, 16403), (22, 16427), (Start: 25 @16442 has 1 MA's), (32, 16487), (35, 16517), (38, 16547), (39, 16571), (49, 16661), (51, 16670), (56, 16718), (57, 16736), (61, 16763), (62, 16769), (63, 16772), (68, 16796), (69, 16799), (71, 16814), (82, 16886), (85, 16925), (94, 16979), (95, 16988), (96, 17012), (100, 17033), (106, 17060), (109, 17102), (118, 17159), (119, 17189),

Gene: Lizziana_17 Start: 16579, Stop: 17409, Start Num: 17

Candidate Starts for Lizziana_17:

(Start: 11 @16564 has 27 MA's), (Start: 17 @16579 has 195 MA's), (21, 16591), (22, 16615), (Start: 25 @16630 has 1 MA's), (32, 16675), (35, 16705), (39, 16759), (49, 16849), (51, 16858), (56, 16906), (57, 16924), (61, 16951), (62, 16957), (63, 16960), (68, 16984), (69, 16987), (71, 17002), (82, 17074), (85, 17113), (93, 17164), (94, 17167), (95, 17176), (96, 17200), (100, 17221), (109, 17290), (118, 17347), (119, 17377),

Gene: Llama_17 Start: 16792, Stop: 17637, Start Num: 11

Candidate Starts for Llama_17:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: Llij_17 Start: 16541, Stop: 17386, Start Num: 11

Candidate Starts for Llij_17:

(Start: 11 @16541 has 27 MA's), (Start: 17 @16556 has 195 MA's), (21, 16568), (22, 16592), (Start: 25 @16607 has 1 MA's), (32, 16652), (35, 16682), (39, 16736), (49, 16826), (51, 16835), (56, 16883), (57, 16901), (61, 16928), (62, 16934), (63, 16937), (68, 16961), (69, 16964), (71, 16979), (80, 17042), (82, 17051), (85, 17090), (88, 17105), (91, 17129), (93, 17141), (94, 17144), (95, 17153), (96, 17177), (100, 17198), (104, 17219), (105, 17222), (109, 17267), (118, 17324), (119, 17354), (123, 17372),

Gene: Lorde_18 Start: 16392, Stop: 17222, Start Num: 17

Candidate Starts for Lorde_18:

(Start: 10 @16374 has 38 MA's), (Start: 17 @16392 has 195 MA's), (21, 16404), (22, 16428), (Start: 25 @16443 has 1 MA's), (32, 16488), (35, 16518), (38, 16548), (39, 16572), (49, 16662), (51, 16671), (56, 16719), (61, 16764), (62, 16770), (63, 16773), (68, 16797), (71, 16815), (80, 16878), (82, 16887), (85, 16926), (88, 16941), (93, 16977), (94, 16980), (95, 16989), (96, 17013), (100, 17034), (109, 17103), (118, 17160), (119, 17190),

Gene: Lucky2013_35 Start: 27021, Stop: 27872, Start Num: 19

Candidate Starts for Lucky2013_35:

(Start: 19 @27021 has 11 MA's), (21, 27027), (28, 27102), (40, 27201), (45, 27246), (46, 27249), (54, 27342), (55, 27345), (66, 27435), (67, 27441), (71, 27459), (72, 27468), (85, 27573), (92, 27615), (96, 27657), (102, 27687), (109, 27747),

Gene: LunaBlu_18 Start: 16650, Stop: 17480, Start Num: 17

Candidate Starts for LunaBlu_18:

(Start: 11 @16635 has 27 MA's), (Start: 17 @16650 has 195 MA's), (21, 16662), (22, 16686), (Start: 25 @16701 has 1 MA's), (32, 16746), (35, 16776), (38, 16806), (39, 16830), (40, 16836), (49, 16920), (51, 16929), (56, 16977), (61, 17022), (62, 17028), (63, 17031), (68, 17055), (69, 17058), (71, 17073), (80, 17136), (82, 17145), (85, 17184), (88, 17199), (94, 17238), (95, 17247), (96, 17271), (100, 17292), (104, 17313), (105, 17316), (109, 17361), (118, 17418), (119, 17448), (123, 17466),

Gene: LunaStella_19 Start: 17110, Stop: 17940, Start Num: 17

Candidate Starts for LunaStella_19:

(Start: 17 @17110 has 195 MA's), (33, 17224), (49, 17383), (52, 17401), (56, 17440), (57, 17458), (72, 17545), (81, 17605), (82, 17608), (86, 17650), (91, 17686),

Gene: MadKillah_58 Start: 35030, Stop: 35878, Start Num: 13

Candidate Starts for MadKillah_58:

(Start: 13 @35030 has 37 MA's), (14, 35036), (20, 35051), (24, 35090), (29, 35135), (37, 35189), (48, 35303), (70, 35447), (72, 35468), (82, 35531), (91, 35609), (109, 35759), (120, 35855),

Gene: MadMen_18 Start: 16810, Stop: 17640, Start Num: 17

Candidate Starts for MadMen_18:

(Start: 11 @16795 has 27 MA's), (Start: 17 @16810 has 195 MA's), (21, 16822), (22, 16846), (Start: 25 @16861 has 1 MA's), (32, 16906), (35, 16936), (38, 16966), (39, 16990), (40, 16996), (49, 17080), (51, 17089), (56, 17137), (61, 17182), (62, 17188), (63, 17191), (68, 17215), (69, 17218), (71, 17233), (80, 17296), (82, 17305), (85, 17344), (88, 17359), (93, 17395), (94, 17398), (95, 17407), (96, 17431), (100, 17452), (105, 17476), (106, 17479), (109, 17521), (118, 17578), (119, 17608), (123, 17626),

Gene: Madiba_18 Start: 16446, Stop: 17276, Start Num: 17

Candidate Starts for Madiba_18:

(Start: 11 @16431 has 27 MA's), (Start: 17 @16446 has 195 MA's), (21, 16458), (22, 16482), (Start: 25 @16497 has 1 MA's), (32, 16542), (35, 16572), (39, 16626), (40, 16632), (49, 16716), (51, 16725), (56, 16773), (61, 16818), (62, 16824), (63, 16827), (68, 16851), (69, 16854), (82, 16941), (85, 16980), (88, 16995), (94, 17034), (95, 17043), (96, 17067), (100, 17088), (106, 17115), (109, 17157), (118, 17214), (119, 17244),

Gene: Magsby_19 Start: 16711, Stop: 17553, Start Num: 17

Candidate Starts for Magsby_19:

(Start: 17 @16711 has 195 MA's), (28, 16798), (36, 16846), (38, 16873), (43, 16912), (49, 16987), (51, 16996), (61, 17089), (72, 17149), (83, 17245), (88, 17266), (91, 17290), (94, 17305), (104, 17380), (108, 17416), (113, 17467), (119, 17524), (122, 17539),

Gene: Mahavrat_17 Start: 16567, Stop: 17397, Start Num: 17

Candidate Starts for Mahavrat_17:

(Start: 11 @16552 has 27 MA's), (Start: 17 @16567 has 195 MA's), (21, 16579), (22, 16603), (Start: 25 @16618 has 1 MA's), (32, 16663), (35, 16693), (39, 16747), (49, 16837), (51, 16846), (56, 16894), (57, 16912), (61, 16939), (62, 16945), (63, 16948), (68, 16972), (69, 16975), (71, 16990), (82, 17062), (85, 17101), (88, 17116), (94, 17155), (95, 17164), (96, 17188), (100, 17209), (106, 17236), (109, 17278), (118, 17335), (119, 17365),

Gene: Majeke_20 Start: 18150, Stop: 19043, Start Num: 12

Candidate Starts for Majeke_20:

(Start: 12 @18150 has 46 MA's), (Start: 25 @18204 has 1 MA's), (27, 18228), (31, 18252), (39, 18330), (46, 18384), (53, 18444), (64, 18552), (83, 18720), (84, 18723), (94, 18777), (104, 18861), (105, 18864), (109, 18918), (122, 19026), (123, 19029),

Gene: Malithi_20 Start: 18069, Stop: 18962, Start Num: 12

Candidate Starts for Malithi_20:

(Start: 12 @18069 has 46 MA's), (Start: 25 @18123 has 1 MA's), (27, 18147), (31, 18171), (33, 18192), (39, 18249), (42, 18261), (46, 18303), (53, 18363), (64, 18471), (83, 18639), (84, 18642), (88, 18660), (89, 18663), (94, 18696), (104, 18780), (105, 18783), (109, 18837), (122, 18945), (123, 18948),

Gene: Mandlovu_17 Start: 16668, Stop: 17498, Start Num: 17

Candidate Starts for Mandlovu_17:

(Start: 10 @16650 has 38 MA's), (Start: 17 @16668 has 195 MA's), (21, 16680), (22, 16704), (Start: 25 @16719 has 1 MA's), (32, 16764), (35, 16794), (39, 16848), (49, 16938), (51, 16947), (56, 16995), (57, 17013), (61, 17040), (62, 17046), (63, 17049), (68, 17073), (69, 17076), (82, 17163), (85, 17202), (94, 17256), (95, 17265), (96, 17289), (100, 17310), (106, 17337), (109, 17379), (118, 17436), (119, 17466),

Gene: Mangethe_20 Start: 18150, Stop: 19043, Start Num: 12

Candidate Starts for Mangethe_20:

(Start: 12 @18150 has 46 MA's), (Start: 25 @18204 has 1 MA's), (27, 18228), (31, 18252), (39, 18330), (46, 18384), (53, 18444), (64, 18552), (83, 18720), (84, 18723), (94, 18777), (104, 18861), (105, 18864), (109, 18918), (122, 19026), (123, 19029),

Gene: Mantra_17 Start: 16669, Stop: 17499, Start Num: 17

Candidate Starts for Mantra_17:

(Start: 11 @16654 has 27 MA's), (Start: 17 @16669 has 195 MA's), (21, 16681), (22, 16705), (Start: 25 @16720 has 1 MA's), (32, 16765), (35, 16795), (38, 16825), (39, 16849), (49, 16939), (51, 16948), (56, 16996), (57, 17014), (61, 17041), (62, 17047), (63, 17050), (68, 17074), (69, 17077), (71, 17092), (82, 17164), (85, 17203), (94, 17257), (95, 17266), (96, 17290), (100, 17311), (106, 17338), (109, 17380), (118, 17437), (119, 17467),

Gene: Maravista_17 Start: 16516, Stop: 17346, Start Num: 17

Candidate Starts for Maravista_17:

(Start: 10 @16498 has 38 MA's), (Start: 17 @16516 has 195 MA's), (21, 16528), (22, 16552), (Start: 25 @16567 has 1 MA's), (32, 16612), (35, 16642), (38, 16672), (39, 16696), (49, 16786), (51, 16795), (56, 16843), (61, 16888), (62, 16894), (63, 16897), (68, 16921), (69, 16924), (71, 16939), (80, 17002), (82, 17011), (85, 17050), (88, 17065), (93, 17101), (94, 17104), (95, 17113), (96, 17137), (100, 17158), (109, 17227), (118, 17284), (119, 17314),

Gene: Marker_18 Start: 16419, Stop: 17249, Start Num: 17

Candidate Starts for Marker_18:

(Start: 10 @16401 has 38 MA's), (Start: 17 @16419 has 195 MA's), (21, 16431), (22, 16455), (Start: 25 @16470 has 1 MA's), (32, 16515), (35, 16545), (38, 16575), (39, 16599), (49, 16689), (51, 16698), (56, 16746), (57, 16764), (61, 16791), (62, 16797), (63, 16800), (69, 16827), (71, 16842), (82, 16914), (85, 16953), (94, 17007), (95, 17016), (96, 17040), (100, 17061), (109, 17130), (118, 17187), (119, 17217),

Gene: Marleymoo_42 Start: 31965, Stop: 32816, Start Num: 18

Candidate Starts for Marleymoo_42:

(Start: 18 @31965 has 29 MA's), (21, 31971), (28, 32046), (32, 32061), (40, 32145), (45, 32190), (47, 32199), (54, 32286), (64, 32352), (66, 32379), (72, 32412), (73, 32418), (85, 32517), (89, 32535), (94, 32568), (96, 32601), (97, 32604), (99, 32625), (107, 32670), (120, 32793), (122, 32799),

Gene: Martik_17 Start: 16579, Stop: 17409, Start Num: 17

Candidate Starts for Martik_17:

(Start: 11 @16564 has 27 MA's), (Start: 17 @16579 has 195 MA's), (21, 16591), (22, 16615), (Start: 25 @16630 has 1 MA's), (32, 16675), (35, 16705), (39, 16759), (49, 16849), (51, 16858), (56, 16906), (57,

16924), (61, 16951), (62, 16957), (63, 16960), (68, 16984), (69, 16987), (71, 17002), (82, 17074), (85, 17113), (93, 17164), (94, 17167), (95, 17176), (96, 17200), (100, 17221), (109, 17290), (118, 17347), (119, 17377),

Gene: Mattes_17 Start: 16621, Stop: 17400, Start Num: 25

Candidate Starts for Mattes_17:

(Start: 11 @16555 has 27 MA's), (Start: 17 @16570 has 195 MA's), (21, 16582), (22, 16606), (Start: 25 @16621 has 1 MA's), (32, 16666), (35, 16696), (39, 16750), (49, 16840), (51, 16849), (56, 16897), (57, 16915), (61, 16942), (62, 16948), (63, 16951), (68, 16975), (69, 16978), (71, 16993), (82, 17065), (85, 17104), (94, 17158), (95, 17167), (96, 17191), (100, 17212), (106, 17239), (109, 17281), (118, 17338), (119, 17368),

Gene: Megiddo_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for Megiddo_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: Melissauren88_17 Start: 16601, Stop: 17431, Start Num: 17

Candidate Starts for Melissauren88_17:

(Start: 10 @16583 has 38 MA's), (Start: 17 @16601 has 195 MA's), (21, 16613), (22, 16637), (Start: 25 @16652 has 1 MA's), (32, 16697), (35, 16727), (38, 16757), (39, 16781), (49, 16871), (51, 16880), (56, 16928), (61, 16973), (62, 16979), (63, 16982), (68, 17006), (69, 17009), (71, 17024), (80, 17087), (82, 17096), (85, 17135), (88, 17150), (93, 17186), (94, 17189), (95, 17198), (96, 17222), (100, 17243), (109, 17312), (118, 17369), (119, 17399),

Gene: Melville_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Melville_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: MiaZeal_35 Start: 26706, Stop: 27557, Start Num: 19

Candidate Starts for MiaZeal_35:

(Start: 19 @26706 has 11 MA's), (21, 26712), (28, 26787), (35, 26829), (40, 26886), (45, 26931), (46, 26934), (54, 27027), (55, 27030), (57, 27051), (59, 27069), (66, 27120), (67, 27126), (71, 27144), (72, 27153), (85, 27258), (92, 27300), (96, 27342), (102, 27372), (109, 27432),

Gene: MichelleMyBell_19 Start: 16712, Stop: 17554, Start Num: 17

Candidate Starts for MichelleMyBell_19:

(Start: 17 @16712 has 195 MA's), (28, 16799), (31, 16811), (35, 16844), (39, 16898), (51, 16997), (61, 17090), (63, 17099), (72, 17150), (80, 17204), (83, 17246), (88, 17267), (89, 17270), (91, 17291), (104, 17381), (108, 17417), (113, 17468), (119, 17525), (122, 17540),

Gene: MilanaBonita_18 Start: 17240, Stop: 18070, Start Num: 17

Candidate Starts for MilanaBonita_18:

(Start: 10 @17222 has 38 MA's), (Start: 17 @17240 has 195 MA's), (21, 17252), (22, 17276), (Start: 25 @17291 has 1 MA's), (32, 17336), (35, 17366), (38, 17396), (39, 17420), (49, 17510), (51, 17519), (56, 17567), (61, 17612), (62, 17618), (63, 17621), (68, 17645), (71, 17663), (80, 17726), (82, 17735), (85, 17774), (88, 17789), (93, 17825), (94, 17828), (95, 17837), (96, 17861), (100, 17882), (109, 17951), (118, 18008), (119, 18038),

Gene: MilleniumForce_18 Start: 17366, Stop: 18214, Start Num: 10

Candidate Starts for MilleniumForce_18:

(Start: 10 @17366 has 38 MA's), (Start: 17 @17384 has 195 MA's), (21, 17396), (22, 17420), (Start: 25 @17435 has 1 MA's), (32, 17480), (35, 17510), (38, 17540), (39, 17564), (49, 17654), (51, 17663), (56, 17711), (61, 17756), (62, 17762), (63, 17765), (68, 17789), (71, 17807), (80, 17870), (82, 17879), (85, 17918), (88, 17933), (93, 17969), (94, 17972), (95, 17981), (96, 18005), (100, 18026), (109, 18095), (118, 18152), (119, 18182),

Gene: Minerva_38 Start: 30373, Stop: 31224, Start Num: 18

Candidate Starts for Minerva_38:

(Start: 18 @30373 has 29 MA's), (21, 30379), (28, 30454), (32, 30469), (40, 30553), (45, 30598), (47, 30607), (55, 30697), (66, 30787), (72, 30820), (73, 30826), (80, 30877), (85, 30925), (89, 30943), (94, 30976), (96, 31009), (97, 31012), (107, 31078), (120, 31201), (122, 31207),

Gene: MinionDave_18 Start: 17253, Stop: 18083, Start Num: 17

Candidate Starts for MinionDave_18:

(Start: 10 @17235 has 38 MA's), (Start: 17 @17253 has 195 MA's), (21, 17265), (22, 17289), (Start: 25 @17304 has 1 MA's), (32, 17349), (35, 17379), (38, 17409), (39, 17433), (49, 17523), (51, 17532), (53, 17544), (56, 17580), (61, 17625), (62, 17631), (63, 17634), (68, 17658), (71, 17676), (80, 17739), (82, 17748), (88, 17802), (91, 17826), (94, 17841), (95, 17850), (96, 17874), (100, 17895), (104, 17916), (105, 17919), (109, 17964), (118, 18021), (119, 18051), (123, 18069),

Gene: Minnie_18 Start: 17113, Stop: 17943, Start Num: 17

Candidate Starts for Minnie_18:

(Start: 10 @17095 has 38 MA's), (Start: 17 @17113 has 195 MA's), (21, 17125), (22, 17149), (Start: 25 @17164 has 1 MA's), (32, 17209), (35, 17239), (38, 17269), (39, 17293), (49, 17383), (51, 17392), (56, 17440), (61, 17485), (62, 17491), (63, 17494), (68, 17518), (69, 17521), (71, 17536), (80, 17599), (82, 17608), (85, 17647), (88, 17662), (93, 17698), (94, 17701), (95, 17710), (96, 17734), (100, 17755), (109, 17824), (118, 17881), (119, 17911),

Gene: Misha28_18 Start: 16428, Stop: 17276, Start Num: 11

Candidate Starts for Misha28_18:

(Start: 11 @16428 has 27 MA's), (Start: 17 @16443 has 195 MA's), (21, 16455), (22, 16479), (Start: 25 @16494 has 1 MA's), (32, 16539), (35, 16569), (49, 16716), (52, 16734), (56, 16773), (61, 16818), (62, 16824), (63, 16827), (68, 16851), (71, 16869), (80, 16932), (82, 16941), (85, 16980), (88, 16995), (93, 17031), (94, 17034), (95, 17043), (96, 17067), (100, 17088), (106, 17115), (109, 17157), (118, 17214), (119, 17244),

Gene: MisterCuddles_17 Start: 16541, Stop: 17374, Start Num: 17

Candidate Starts for MisterCuddles_17:

(Start: 11 @16526 has 27 MA's), (Start: 17 @16541 has 195 MA's), (21, 16553), (22, 16577), (Start: 25 @16592 has 1 MA's), (32, 16637), (35, 16667), (49, 16814), (52, 16832), (56, 16871), (68, 16949), (69, 16952), (82, 17039), (85, 17078), (94, 17132), (95, 17141), (96, 17165), (100, 17186), (106, 17213), (109, 17255), (118, 17312), (119, 17342),

Gene: Modragons_17 Start: 16807, Stop: 17637, Start Num: 17

Candidate Starts for Modragons_17:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: MooMoo_17 Start: 16287, Stop: 17138, Start Num: 13

Candidate Starts for MooMoo_17:

(Start: 13 @16287 has 37 MA's), (35, 16425), (49, 16569), (72, 16728), (94, 16893), (98, 16944), (101, 16953), (104, 16971), (113, 17055), (114, 17058), (117, 17070), (120, 17115),

Gene: Moonbeam_18 Start: 17044, Stop: 17892, Start Num: 10

Candidate Starts for Moonbeam_18:

(Start: 10 @17044 has 38 MA's), (Start: 17 @17062 has 195 MA's), (21, 17074), (22, 17098), (Start: 25 @17113 has 1 MA's), (32, 17158), (35, 17188), (38, 17218), (39, 17242), (49, 17332), (51, 17341), (53, 17353), (56, 17389), (61, 17434), (62, 17440), (63, 17443), (68, 17467), (69, 17470), (71, 17485), (80, 17548), (82, 17557), (85, 17596), (88, 17611), (93, 17647), (94, 17650), (95, 17659), (96, 17683), (100, 17704), (109, 17773), (118, 17830), (119, 17860),

Gene: Mori_57 Start: 35292, Stop: 36140, Start Num: 13

Candidate Starts for Mori_57:

(Start: 13 @35292 has 37 MA's), (14, 35298), (20, 35313), (24, 35352), (29, 35397), (37, 35451), (48, 35565), (70, 35709), (72, 35730), (82, 35793), (91, 35871), (109, 36021), (120, 36117),

Gene: Mova_18 Start: 16421, Stop: 17251, Start Num: 17

Candidate Starts for Mova_18:

(Start: 10 @16403 has 38 MA's), (Start: 17 @16421 has 195 MA's), (21, 16433), (22, 16457), (Start: 25 @16472 has 1 MA's), (32, 16517), (35, 16547), (38, 16577), (39, 16601), (49, 16691), (51, 16700), (53, 16712), (56, 16748), (61, 16793), (62, 16799), (63, 16802), (68, 16826), (69, 16829), (71, 16844), (80, 16907), (82, 16916), (85, 16955), (88, 16970), (93, 17006), (94, 17009), (95, 17018), (96, 17042), (100, 17063), (109, 17132), (118, 17189), (119, 17219),

Gene: Mozy_18 Start: 16456, Stop: 17301, Start Num: 11

Candidate Starts for Mozy_18:

(Start: 11 @16456 has 27 MA's), (Start: 17 @16471 has 195 MA's), (21, 16483), (22, 16507), (Start: 25 @16522 has 1 MA's), (32, 16567), (39, 16651), (40, 16657), (49, 16741), (51, 16750), (56, 16798), (61, 16843), (62, 16849), (68, 16876), (69, 16879), (80, 16957), (82, 16966), (85, 17005), (88, 17020), (93, 17056), (94, 17059), (95, 17068), (96, 17092), (100, 17113), (105, 17137), (106, 17140), (109, 17182), (118, 17239), (119, 17269), (123, 17287),

Gene: Ms6_17 Start: 16580, Stop: 17410, Start Num: 17

Candidate Starts for Ms6_17:

(Start: 10 @16562 has 38 MA's), (Start: 17 @16580 has 195 MA's), (21, 16592), (22, 16616), (Start: 25 @16631 has 1 MA's), (32, 16676), (35, 16706), (38, 16736), (39, 16760), (49, 16850), (51, 16859), (56, 16907), (61, 16952), (62, 16958), (63, 16961), (68, 16985), (69, 16988), (71, 17003), (80, 17066), (82, 17075), (85, 17114), (88, 17129), (93, 17165), (94, 17168), (95, 17177), (96, 17201), (100, 17222), (109, 17291), (118, 17348), (119, 17378),

Gene: MulchExplorer_20 Start: 17692, Stop: 18522, Start Num: 17

Candidate Starts for MulchExplorer_20:

(Start: 10 @17674 has 38 MA's), (Start: 17 @17692 has 195 MA's), (21, 17704), (22, 17728), (Start: 25 @17743 has 1 MA's), (32, 17788), (35, 17818), (38, 17848), (39, 17872), (49, 17962), (51, 17971), (56, 18019), (61, 18064), (62, 18070), (63, 18073), (68, 18097), (69, 18100), (71, 18115), (80, 18178), (82, 18187), (85, 18226), (88, 18241), (93, 18277), (94, 18280), (95, 18289), (96, 18313), (100, 18334), (109, 18403), (118, 18460), (119, 18490),

Gene: MulchSalad_17 Start: 16492, Stop: 17322, Start Num: 17

Candidate Starts for MulchSalad_17:

(Start: 11 @16477 has 27 MA's), (Start: 17 @16492 has 195 MA's), (21, 16504), (22, 16528), (Start: 25 @16543 has 1 MA's), (32, 16588), (35, 16618), (38, 16648), (39, 16672), (49, 16762), (51, 16771), (53,

16783), (56, 16819), (61, 16864), (62, 16870), (63, 16873), (68, 16897), (69, 16900), (71, 16915), (80, 16978), (82, 16987), (85, 17026), (88, 17041), (93, 17077), (94, 17080), (95, 17089), (96, 17113), (100, 17134), (109, 17203), (118, 17260), (119, 17290),

Gene: Murai_58 Start: 35473, Stop: 36321, Start Num: 13

Candidate Starts for Murai_58:

(Start: 13 @35473 has 37 MA's), (14, 35479), (20, 35494), (24, 35533), (29, 35578), (37, 35632), (48, 35746), (70, 35890), (72, 35911), (82, 35974), (91, 36052), (109, 36202), (120, 36298),

Gene: Mutaforma13_17 Start: 16599, Stop: 17447, Start Num: 10

Candidate Starts for Mutaforma13_17:

(Start: 10 @16599 has 38 MA's), (Start: 17 @16617 has 195 MA's), (21, 16629), (22, 16653), (Start: 25 @16668 has 1 MA's), (32, 16713), (35, 16743), (38, 16773), (39, 16797), (49, 16887), (51, 16896), (56, 16944), (61, 16989), (62, 16995), (63, 16998), (68, 17022), (71, 17040), (80, 17103), (82, 17112), (85, 17151), (88, 17166), (93, 17202), (94, 17205), (95, 17214), (96, 17238), (100, 17259), (109, 17328), (118, 17385), (119, 17415),

Gene: Nazo_19 Start: 17888, Stop: 18781, Start Num: 12

Candidate Starts for Nazo_19:

(Start: 12 @17888 has 46 MA's), (Start: 25 @17942 has 1 MA's), (27, 17966), (28, 17978), (39, 18068), (64, 18290), (65, 18293), (94, 18515), (104, 18599), (105, 18602), (109, 18656), (110, 18668),

Gene: Necropolis_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Necropolis_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Nekros_35 Start: 28887, Stop: 29738, Start Num: 18

Candidate Starts for Nekros_35:

(9, 28833), (Start: 18 @28887 has 29 MA's), (21, 28893), (28, 28968), (40, 29067), (45, 29112), (46, 29115), (54, 29208), (55, 29211), (57, 29232), (66, 29301), (71, 29325), (72, 29334), (78, 29388), (85, 29439), (89, 29457), (92, 29481), (96, 29523), (102, 29553), (107, 29592), (120, 29715),

Gene: Nenae_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Nenae_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: NewHope4_18 Start: 16619, Stop: 17449, Start Num: 17

Candidate Starts for NewHope4_18:

(Start: 10 @16601 has 38 MA's), (Start: 17 @16619 has 195 MA's), (21, 16631), (22, 16655), (Start: 25 @16670 has 1 MA's), (32, 16715), (35, 16745), (38, 16775), (39, 16799), (40, 16805), (49, 16889), (51, 16898), (56, 16946), (61, 16991), (62, 16997), (63, 17000), (68, 17024), (69, 17027), (71, 17042), (80, 17105), (82, 17114), (85, 17153), (88, 17168), (93, 17204), (94, 17207), (95, 17216), (96, 17240), (100, 17261), (104, 17282), (109, 17330), (118, 17387), (119, 17417), (123, 17435),

Gene: NiebruSaylor_56 Start: 34680, Stop: 35528, Start Num: 13

Candidate Starts for NiebruSaylor_56:

(Start: 13 @34680 has 37 MA's), (14, 34686), (20, 34701), (24, 34740), (29, 34785), (37, 34839), (48, 34953), (70, 35097), (72, 35118), (82, 35181), (91, 35259), (109, 35409), (120, 35505),

Gene: NihilNomen_37 Start: 29422, Stop: 30273, Start Num: 18

Candidate Starts for NihilNomen_37:

(Start: 18 @29422 has 29 MA's), (21, 29428), (28, 29503), (40, 29602), (45, 29647), (46, 29650), (55, 29746), (66, 29836), (71, 29860), (72, 29869), (74, 29884), (89, 29992), (92, 30016), (96, 30058), (111, 30169), (116, 30193), (122, 30256),

Gene: Nimbo_17 Start: 16573, Stop: 17403, Start Num: 17

Candidate Starts for Nimbo_17:

(Start: 11 @16558 has 27 MA's), (Start: 17 @16573 has 195 MA's), (21, 16585), (22, 16609), (Start: 25 @16624 has 1 MA's), (32, 16669), (35, 16699), (38, 16729), (39, 16753), (49, 16843), (51, 16852), (53, 16864), (56, 16900), (62, 16951), (63, 16954), (68, 16978), (71, 16996), (80, 17059), (82, 17068), (88, 17122), (91, 17146), (94, 17161), (95, 17170), (96, 17194), (100, 17215), (106, 17242), (109, 17284), (118, 17341), (119, 17371),

Gene: Nitzel_18 Start: 17309, Stop: 18139, Start Num: 17

Candidate Starts for Nitzel_18:

(2, 17132), (5, 17162), (8, 17219), (Start: 10 @17291 has 38 MA's), (Start: 17 @17309 has 195 MA's), (21, 17321), (22, 17345), (Start: 25 @17360 has 1 MA's), (38, 17465), (39, 17489), (49, 17579), (51, 17588), (53, 17600), (56, 17636), (62, 17687), (63, 17690), (68, 17714), (71, 17732), (80, 17795), (82, 17804), (88, 17858), (91, 17882), (94, 17897), (95, 17906), (96, 17930), (100, 17951), (106, 17978), (109, 18020), (118, 18077), (119, 18107),

Gene: Nivrat_17 Start: 16578, Stop: 17408, Start Num: 17

Candidate Starts for Nivrat_17:

(Start: 11 @16563 has 27 MA's), (Start: 17 @16578 has 195 MA's), (21, 16590), (22, 16614), (Start: 25 @16629 has 1 MA's), (32, 16674), (35, 16704), (39, 16758), (49, 16848), (51, 16857), (56, 16905), (57, 16923), (61, 16950), (62, 16956), (63, 16959), (68, 16983), (69, 16986), (71, 17001), (82, 17073), (85, 17112), (93, 17163), (94, 17166), (95, 17175), (96, 17199), (100, 17220), (109, 17289), (118, 17346), (119, 17376),

Gene: NormanBulbieJr_17 Start: 16551, Stop: 17396, Start Num: 11

Candidate Starts for NormanBulbieJr_17:

(Start: 11 @16551 has 27 MA's), (Start: 17 @16566 has 195 MA's), (21, 16578), (22, 16602), (Start: 25 @16617 has 1 MA's), (32, 16662), (35, 16692), (39, 16746), (49, 16836), (51, 16845), (56, 16893), (57, 16911), (61, 16938), (62, 16944), (63, 16947), (68, 16971), (69, 16974), (71, 16989), (82, 17061), (85, 17100), (93, 17151), (94, 17154), (95, 17163), (96, 17187), (100, 17208), (109, 17277), (118, 17334), (119, 17364),

Gene: Ochi17_17 Start: 16792, Stop: 17637, Start Num: 11

Candidate Starts for Ochi17_17:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: Odette_37 Start: 28655, Stop: 29506, Start Num: 18

Candidate Starts for Odette_37:

(Start: 18 @28655 has 29 MA's), (21, 28661), (28, 28736), (40, 28835), (45, 28880), (46, 28883), (55, 28979), (66, 29069), (71, 29093), (72, 29102), (74, 29117), (89, 29225), (92, 29249), (96, 29291), (111, 29402), (116, 29426), (122, 29489),

Gene: OfUltron_17 Start: 16807, Stop: 17637, Start Num: 17

Candidate Starts for OfUltron_17:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: Ogotogo_20 Start: 16818, Stop: 17663, Start Num: 11

Candidate Starts for Ogotogo_20:

(Start: 11 @16818 has 27 MA's), (Start: 17 @16833 has 195 MA's), (21, 16845), (22, 16869), (Start: 25 @16884 has 1 MA's), (32, 16929), (35, 16959), (39, 17013), (49, 17103), (51, 17112), (57, 17178), (61, 17205), (62, 17211), (63, 17214), (68, 17238), (69, 17241), (82, 17328), (85, 17367), (94, 17421), (95, 17430), (96, 17454), (100, 17475), (106, 17502), (109, 17544), (118, 17601), (119, 17631),

Gene: Oksu_18 Start: 16649, Stop: 17482, Start Num: 16

Candidate Starts for Oksu_18:

(Start: 10 @16631 has 38 MA's), (16, 16649), (21, 16661), (22, 16685), (Start: 25 @16700 has 1 MA's), (32, 16745), (49, 16922), (52, 16940), (56, 16979), (61, 17024), (62, 17030), (63, 17033), (68, 17057), (69, 17060), (82, 17147), (85, 17186), (93, 17237), (94, 17240), (95, 17249), (96, 17273), (100, 17294), (106, 17321), (109, 17363), (118, 17420), (119, 17450),

Gene: OldBen_17 Start: 16543, Stop: 17373, Start Num: 17

Candidate Starts for OldBen_17:

(Start: 11 @16528 has 27 MA's), (Start: 17 @16543 has 195 MA's), (21, 16555), (22, 16579), (Start: 25 @16594 has 1 MA's), (32, 16639), (35, 16669), (38, 16699), (39, 16723), (49, 16813), (51, 16822), (56, 16870), (57, 16888), (61, 16915), (62, 16921), (63, 16924), (68, 16948), (69, 16951), (80, 17029), (82, 17038), (85, 17077), (88, 17092), (93, 17128), (94, 17131), (95, 17140), (96, 17164), (100, 17185), (105, 17209), (106, 17212), (109, 17254), (118, 17311), (119, 17341),

Gene: OlympiaSaint_17 Start: 16748, Stop: 17596, Start Num: 10

Candidate Starts for OlympiaSaint_17:

(Start: 10 @16748 has 38 MA's), (Start: 17 @16766 has 195 MA's), (21, 16778), (22, 16802), (Start: 25 @16817 has 1 MA's), (32, 16862), (35, 16892), (38, 16922), (39, 16946), (40, 16952), (49, 17036), (51, 17045), (56, 17093), (61, 17138), (62, 17144), (63, 17147), (68, 17171), (69, 17174), (71, 17189), (80, 17252), (82, 17261), (85, 17300), (88, 17315), (93, 17351), (94, 17354), (95, 17363), (96, 17387), (100, 17408), (109, 17477), (118, 17534), (119, 17564), (123, 17582),

Gene: Omega_37 Start: 30583, Stop: 31434, Start Num: 19

Candidate Starts for Omega_37:

(Start: 19 @30583 has 11 MA's), (21, 30589), (28, 30664), (40, 30763), (45, 30808), (46, 30811), (54, 30904), (55, 30907), (66, 30997), (67, 31003), (71, 31021), (72, 31030), (85, 31135), (92, 31177), (96, 31219), (102, 31249), (109, 31309),

Gene: Optimus_36 Start: 29927, Stop: 30778, Start Num: 18

Candidate Starts for Optimus_36:

(Start: 18 @29927 has 29 MA's), (21, 29933), (28, 30008), (32, 30023), (40, 30107), (45, 30152), (47, 30161), (55, 30251), (66, 30341), (72, 30374), (73, 30380), (80, 30431), (85, 30479), (89, 30497), (92, 30521), (94, 30530), (96, 30563), (97, 30566), (107, 30632), (120, 30755), (122, 30761),

Gene: Ovechkin_17 Start: 16582, Stop: 17430, Start Num: 10

Candidate Starts for Ovechkin_17:

(Start: 10 @16582 has 38 MA's), (Start: 17 @16600 has 195 MA's), (21, 16612), (22, 16636), (Start: 25 @16651 has 1 MA's), (32, 16696), (35, 16726), (38, 16756), (39, 16780), (49, 16870), (51, 16879), (56,

16927), (61, 16972), (62, 16978), (63, 16981), (68, 17005), (69, 17008), (71, 17023), (80, 17086), (82, 17095), (85, 17134), (88, 17149), (93, 17185), (94, 17188), (95, 17197), (96, 17221), (100, 17242), (109, 17311), (118, 17368), (119, 17398),

Gene: OwlsT2W_19 Start: 16920, Stop: 17768, Start Num: 10

Candidate Starts for OwlsT2W_19:

(Start: 10 @16920 has 38 MA's), (Start: 17 @16938 has 195 MA's), (21, 16950), (22, 16974), (Start: 25 @16989 has 1 MA's), (32, 17034), (35, 17064), (38, 17094), (39, 17118), (49, 17208), (51, 17217), (53, 17229), (56, 17265), (61, 17310), (62, 17316), (63, 17319), (68, 17343), (71, 17361), (80, 17424), (82, 17433), (85, 17472), (88, 17487), (93, 17523), (94, 17526), (95, 17535), (96, 17559), (100, 17580), (109, 17649), (118, 17706), (119, 17736), (123, 17754),

Gene: PHappiness_17 Start: 16551, Stop: 17381, Start Num: 17

Candidate Starts for PHappiness_17:

(Start: 11 @16536 has 27 MA's), (Start: 17 @16551 has 195 MA's), (21, 16563), (22, 16587), (Start: 25 @16602 has 1 MA's), (32, 16647), (35, 16677), (38, 16707), (39, 16731), (49, 16821), (51, 16830), (56, 16878), (57, 16896), (61, 16923), (62, 16929), (63, 16932), (68, 16956), (69, 16959), (80, 17037), (82, 17046), (85, 17085), (88, 17100), (93, 17136), (94, 17139), (95, 17148), (96, 17172), (100, 17193), (105, 17217), (106, 17220), (109, 17262), (118, 17319), (119, 17349),

Gene: PMC_17 Start: 16556, Stop: 17386, Start Num: 17

Candidate Starts for PMC_17:

(Start: 11 @16541 has 27 MA's), (Start: 17 @16556 has 195 MA's), (21, 16568), (22, 16592), (Start: 25 @16607 has 1 MA's), (32, 16652), (35, 16682), (39, 16736), (49, 16826), (51, 16835), (56, 16883), (57, 16901), (61, 16928), (62, 16934), (63, 16937), (68, 16961), (69, 16964), (71, 16979), (80, 17042), (82, 17051), (85, 17090), (88, 17105), (91, 17129), (93, 17141), (94, 17144), (95, 17153), (96, 17177), (100, 17198), (104, 17219), (105, 17222), (109, 17267), (118, 17324), (119, 17354), (123, 17372),

Gene: Pacc40_17 Start: 16726, Stop: 17571, Start Num: 11

Candidate Starts for Pacc40_17:

(Start: 11 @16726 has 27 MA's), (Start: 17 @16741 has 195 MA's), (21, 16753), (22, 16777), (Start: 25 @16792 has 1 MA's), (32, 16837), (35, 16867), (38, 16897), (39, 16921), (49, 17011), (51, 17020), (56, 17068), (57, 17086), (61, 17113), (62, 17119), (63, 17122), (68, 17146), (69, 17149), (80, 17227), (82, 17236), (85, 17275), (88, 17290), (93, 17326), (94, 17329), (95, 17338), (96, 17362), (100, 17383), (105, 17407), (106, 17410), (109, 17452), (118, 17509), (119, 17539),

Gene: Panchino_19 Start: 16691, Stop: 17533, Start Num: 17

Candidate Starts for Panchino_19:

(Start: 17 @16691 has 195 MA's), (28, 16778), (31, 16790), (38, 16853), (51, 16976), (61, 17069), (72, 17129), (76, 17171), (83, 17225), (88, 17246), (89, 17249), (91, 17270), (94, 17285), (104, 17360), (108, 17396), (113, 17447), (119, 17504), (122, 17519),

Gene: Parmesanjohn_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Parmesanjohn_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Phalconet_17 Start: 16621, Stop: 17451, Start Num: 17

Candidate Starts for Phalconet_17:

(Start: 10 @16603 has 38 MA's), (Start: 17 @16621 has 195 MA's), (21, 16633), (22, 16657), (Start: 25 @16672 has 1 MA's), (32, 16717), (35, 16747), (38, 16777), (39, 16801), (49, 16891), (51, 16900), (56, 16948), (61, 16993), (62, 16999), (63, 17002), (68, 17026), (71, 17044), (80, 17107), (82, 17116), (85,

17155), (88, 17170), (93, 17206), (94, 17209), (95, 17218), (96, 17242), (100, 17263), (109, 17332), (111, 17353), (118, 17389), (119, 17419),

Gene: Phalm_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for Phalm_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: PhancyPhin_19 Start: 16715, Stop: 17557, Start Num: 17

Candidate Starts for PhancyPhin_19:

(Start: 17 @16715 has 195 MA's), (28, 16802), (31, 16814), (38, 16877), (51, 17000), (61, 17093), (72, 17153), (76, 17195), (83, 17249), (88, 17270), (89, 17273), (91, 17294), (94, 17309), (104, 17384), (108, 17420), (113, 17471), (119, 17528), (122, 17543),

Gene: Phanphagia_17 Start: 16623, Stop: 17453, Start Num: 17

Candidate Starts for Phanphagia_17:

(Start: 10 @16605 has 38 MA's), (Start: 17 @16623 has 195 MA's), (21, 16635), (22, 16659), (Start: 25 @16674 has 1 MA's), (32, 16719), (35, 16749), (38, 16779), (39, 16803), (49, 16893), (51, 16902), (56, 16950), (61, 16995), (62, 17001), (63, 17004), (68, 17028), (71, 17046), (80, 17109), (82, 17118), (85, 17157), (88, 17172), (93, 17208), (94, 17211), (95, 17220), (96, 17244), (100, 17265), (109, 17334), (118, 17391), (119, 17421),

Gene: Phasih_18 Start: 17094, Stop: 17942, Start Num: 11

Candidate Starts for Phasih_18:

(Start: 11 @17094 has 27 MA's), (Start: 17 @17109 has 195 MA's), (21, 17121), (22, 17145), (Start: 25 @17160 has 1 MA's), (32, 17205), (35, 17235), (49, 17382), (52, 17400), (56, 17439), (68, 17517), (69, 17520), (82, 17607), (85, 17646), (94, 17700), (95, 17709), (96, 17733), (100, 17754), (106, 17781), (109, 17823), (118, 17880), (119, 17910),

Gene: Phatniss_18 Start: 17074, Stop: 17904, Start Num: 17

Candidate Starts for Phatniss_18:

(Start: 10 @17056 has 38 MA's), (Start: 17 @17074 has 195 MA's), (21, 17086), (22, 17110), (Start: 25 @17125 has 1 MA's), (32, 17170), (35, 17200), (38, 17230), (39, 17254), (49, 17344), (51, 17353), (56, 17401), (61, 17446), (62, 17452), (63, 17455), (68, 17479), (71, 17497), (80, 17560), (82, 17569), (85, 17608), (88, 17623), (93, 17659), (94, 17662), (95, 17671), (96, 17695), (100, 17716), (109, 17785), (118, 17842), (119, 17872),

Gene: Phayonce_19 Start: 17840, Stop: 18733, Start Num: 12

Candidate Starts for Phayonce_19:

(Start: 12 @17840 has 46 MA's), (Start: 25 @17894 has 1 MA's), (27, 17918), (28, 17930), (39, 18020), (47, 18080), (64, 18242), (65, 18245), (67, 18281), (94, 18467), (104, 18551), (109, 18608), (112, 18632), (122, 18716),

Gene: Phegasus_20 Start: 18150, Stop: 19043, Start Num: 12

Candidate Starts for Phegasus_20:

(Start: 12 @18150 has 46 MA's), (Start: 25 @18204 has 1 MA's), (27, 18228), (31, 18252), (39, 18330), (46, 18384), (53, 18444), (64, 18552), (83, 18720), (84, 18723), (94, 18777), (104, 18861), (105, 18864), (109, 18918), (122, 19026), (123, 19029),

Gene: PhesterPhotato_17 Start: 16592, Stop: 17422, Start Num: 17

Candidate Starts for PhesterPhotato_17:

(3, 16439), (6, 16496), (Start: 10 @16574 has 38 MA's), (Start: 17 @16592 has 195 MA's), (21, 16604), (22, 16628), (Start: 25 @16643 has 1 MA's), (32, 16688), (35, 16718), (38, 16748), (39, 16772), (49, 16862), (51, 16871), (56, 16919), (61, 16964), (62, 16970), (63, 16973), (68, 16997), (71, 17015), (80, 17078), (82, 17087), (85, 17126), (88, 17141), (93, 17177), (94, 17180), (95, 17189), (96, 17213), (100, 17234), (109, 17303), (118, 17360), (119, 17390),

Gene: Philonius_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Philonius_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Philus_17 Start: 16578, Stop: 17408, Start Num: 17

Candidate Starts for Philus_17:

(Start: 11 @16563 has 27 MA's), (Start: 17 @16578 has 195 MA's), (21, 16590), (22, 16614), (Start: 25 @16629 has 1 MA's), (32, 16674), (35, 16704), (39, 16758), (49, 16848), (51, 16857), (56, 16905), (57, 16923), (61, 16950), (62, 16956), (63, 16959), (68, 16983), (69, 16986), (71, 17001), (82, 17073), (85, 17112), (94, 17166), (95, 17175), (96, 17199), (100, 17220), (106, 17247), (109, 17289), (118, 17346), (119, 17376),

Gene: Phineas_20 Start: 18141, Stop: 19034, Start Num: 12

Candidate Starts for Phineas_20:

(Start: 12 @18141 has 46 MA's), (Start: 25 @18195 has 1 MA's), (27, 18219), (31, 18243), (33, 18264), (39, 18321), (42, 18333), (46, 18375), (53, 18435), (64, 18543), (83, 18711), (84, 18714), (94, 18768), (104, 18852), (105, 18855), (109, 18909), (122, 19017), (123, 19020),

Gene: PhlipPhlop_17 Start: 16525, Stop: 17355, Start Num: 17

Candidate Starts for PhlipPhlop_17:

(Start: 11 @16510 has 27 MA's), (Start: 17 @16525 has 195 MA's), (21, 16537), (22, 16561), (Start: 25 @16576 has 1 MA's), (32, 16621), (35, 16651), (38, 16681), (39, 16705), (49, 16795), (51, 16804), (56, 16852), (57, 16870), (61, 16897), (62, 16903), (63, 16906), (68, 16930), (69, 16933), (71, 16948), (82, 17020), (85, 17059), (94, 17113), (95, 17122), (96, 17146), (100, 17167), (106, 17194), (109, 17236), (118, 17293), (119, 17323),

Gene: Phloss_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Phloss_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Phoebus_37 Start: 29664, Stop: 30515, Start Num: 18

Candidate Starts for Phoebus_37:

(Start: 18 @29664 has 29 MA's), (21, 29670), (28, 29745), (32, 29760), (40, 29844), (45, 29889), (47, 29898), (55, 29988), (66, 30078), (72, 30111), (73, 30117), (94, 30267), (96, 30300), (97, 30303), (107, 30369), (120, 30492), (122, 30498),

Gene: Phrann_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Phrann_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Piper2020_18 Start: 16443, Stop: 17273, Start Num: 17

Candidate Starts for Piper2020_18:

(Start: 11 @16428 has 27 MA's), (Start: 17 @16443 has 195 MA's), (21, 16455), (22, 16479), (Start: 25 @16494 has 1 MA's), (32, 16539), (35, 16569), (38, 16599), (39, 16623), (40, 16629), (49, 16713), (51, 16722), (56, 16770), (61, 16815), (62, 16821), (63, 16824), (68, 16848), (71, 16866), (80, 16929), (82, 16938), (85, 16977), (88, 16992), (93, 17028), (94, 17031), (95, 17040), (96, 17064), (100, 17085), (106, 17112), (109, 17154), (118, 17211), (119, 17241),

Gene: Pippy_17 Start: 16562, Stop: 17392, Start Num: 17

Candidate Starts for Pippy_17:

(Start: 10 @16544 has 38 MA's), (Start: 17 @16562 has 195 MA's), (21, 16574), (22, 16598), (Start: 25 @16613 has 1 MA's), (32, 16658), (35, 16688), (38, 16718), (39, 16742), (49, 16832), (51, 16841), (56, 16889), (61, 16934), (62, 16940), (63, 16943), (68, 16967), (69, 16970), (71, 16985), (80, 17048), (82, 17057), (85, 17096), (88, 17111), (93, 17147), (94, 17150), (95, 17159), (96, 17183), (100, 17204), (109, 17273), (118, 17330), (119, 17360),

Gene: Pipsqueaks_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Pipsqueaks_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Plumbus_18 Start: 16399, Stop: 17229, Start Num: 17

Candidate Starts for Plumbus_18:

(Start: 10 @16381 has 38 MA's), (Start: 17 @16399 has 195 MA's), (21, 16411), (22, 16435), (Start: 25 @16450 has 1 MA's), (32, 16495), (35, 16525), (38, 16555), (39, 16579), (49, 16669), (51, 16678), (56, 16726), (61, 16771), (62, 16777), (63, 16780), (68, 16804), (71, 16822), (80, 16885), (82, 16894), (85, 16933), (88, 16948), (93, 16984), (94, 16987), (95, 16996), (96, 17020), (100, 17041), (109, 17110), (118, 17167), (119, 17197),

Gene: Poenanya_17 Start: 16707, Stop: 17537, Start Num: 17

Candidate Starts for Poenanya_17:

(Start: 11 @16692 has 27 MA's), (Start: 17 @16707 has 195 MA's), (21, 16719), (22, 16743), (Start: 25 @16758 has 1 MA's), (32, 16803), (35, 16833), (38, 16863), (39, 16887), (49, 16977), (51, 16986), (53, 16998), (56, 17034), (62, 17085), (63, 17088), (68, 17112), (71, 17130), (80, 17193), (82, 17202), (88, 17256), (91, 17280), (94, 17295), (95, 17304), (96, 17328), (100, 17349), (106, 17376), (109, 17418), (118, 17475), (119, 17505),

Gene: Polka14_18 Start: 17113, Stop: 17943, Start Num: 17

Candidate Starts for Polka14_18:

(Start: 11 @17098 has 27 MA's), (Start: 17 @17113 has 195 MA's), (21, 17125), (22, 17149), (Start: 25 @17164 has 1 MA's), (32, 17209), (35, 17239), (38, 17269), (39, 17293), (49, 17383), (51, 17392), (56, 17440), (57, 17458), (61, 17485), (62, 17491), (63, 17494), (68, 17518), (69, 17521), (80, 17599), (82, 17608), (85, 17647), (88, 17662), (93, 17698), (94, 17701), (95, 17710), (96, 17734), (100, 17755), (105, 17779), (106, 17782), (109, 17824), (118, 17881), (119, 17911),

Gene: Polkaroo_20 Start: 18160, Stop: 19053, Start Num: 12

Candidate Starts for Polkaroo_20:

(Start: 12 @18160 has 46 MA's), (Start: 25 @18214 has 1 MA's), (27, 18238), (33, 18283), (39, 18340), (45, 18391), (53, 18454), (64, 18562), (77, 18679), (89, 18754), (94, 18787), (104, 18871), (105, 18874), (122, 19036), (123, 19039),

Gene: Pollywog_20 Start: 17778, Stop: 18608, Start Num: 17

Candidate Starts for Pollywog_20:

(Start: 11 @17763 has 27 MA's), (Start: 17 @17778 has 195 MA's), (21, 17790), (22, 17814), (Start: 25 @17829 has 1 MA's), (32, 17874), (35, 17904), (39, 17958), (49, 18048), (51, 18057), (56, 18105), (57, 18123), (61, 18150), (62, 18156), (63, 18159), (68, 18183), (69, 18186), (70, 18189), (82, 18273), (85, 18312), (94, 18366), (95, 18375), (96, 18399), (100, 18420), (106, 18447), (109, 18489), (118, 18546), (119, 18576),

Gene: Polo2Bam_19 Start: 16619, Stop: 17449, Start Num: 17

Candidate Starts for Polo2Bam_19:

(Start: 10 @16601 has 38 MA's), (Start: 17 @16619 has 195 MA's), (21, 16631), (22, 16655), (Start: 25 @16670 has 1 MA's), (32, 16715), (35, 16745), (38, 16775), (39, 16799), (40, 16805), (49, 16889), (51, 16898), (56, 16946), (61, 16991), (62, 16997), (63, 17000), (68, 17024), (69, 17027), (71, 17042), (80, 17105), (82, 17114), (85, 17153), (88, 17168), (93, 17204), (94, 17207), (95, 17216), (96, 17240), (100, 17261), (104, 17282), (109, 17330), (118, 17387), (119, 17417), (123, 17435),

Gene: PopTart_17 Start: 16618, Stop: 17448, Start Num: 17

Candidate Starts for PopTart_17:

(Start: 10 @16600 has 38 MA's), (Start: 17 @16618 has 195 MA's), (21, 16630), (22, 16654), (Start: 25 @16669 has 1 MA's), (32, 16714), (35, 16744), (38, 16774), (39, 16798), (49, 16888), (51, 16897), (53, 16909), (56, 16945), (61, 16990), (62, 16996), (63, 16999), (68, 17023), (69, 17026), (71, 17041), (80, 17104), (82, 17113), (85, 17152), (88, 17167), (93, 17203), (94, 17206), (95, 17215), (96, 17239), (100, 17260), (109, 17329), (118, 17386), (119, 17416),

Gene: Porcelain_34 Start: 26706, Stop: 27557, Start Num: 19

Candidate Starts for Porcelain_34:

(Start: 19 @26706 has 11 MA's), (21, 26712), (28, 26787), (35, 26829), (40, 26886), (45, 26931), (46, 26934), (54, 27027), (55, 27030), (57, 27051), (59, 27069), (66, 27120), (67, 27126), (71, 27144), (72, 27153), (85, 27258), (92, 27300), (96, 27342), (102, 27372), (109, 27432),

Gene: Pound_39 Start: 30653, Stop: 31504, Start Num: 18

Candidate Starts for Pound_39:

(Start: 18 @30653 has 29 MA's), (21, 30659), (28, 30734), (40, 30833), (45, 30878), (46, 30881), (55, 30977), (66, 31067), (71, 31091), (72, 31100), (74, 31115), (89, 31223), (92, 31247), (96, 31289), (111, 31400), (116, 31424), (122, 31487),

Gene: Priscilla_17 Start: 16580, Stop: 17410, Start Num: 17

Candidate Starts for Priscilla_17:

(Start: 10 @16562 has 38 MA's), (Start: 17 @16580 has 195 MA's), (21, 16592), (22, 16616), (Start: 25 @16631 has 1 MA's), (32, 16676), (35, 16706), (38, 16736), (39, 16760), (40, 16766), (49, 16850), (51, 16859), (56, 16907), (61, 16952), (62, 16958), (63, 16961), (68, 16985), (69, 16988), (71, 17003), (80, 17066), (82, 17075), (85, 17114), (88, 17129), (93, 17165), (94, 17168), (95, 17177), (96, 17201), (100, 17222), (109, 17291), (118, 17348), (119, 17378), (123, 17396),

Gene: Purgamenstris_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Purgamenstris_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Purky_19 Start: 17730, Stop: 18623, Start Num: 12

Candidate Starts for Purky_19:

(Start: 12 @17730 has 46 MA's), (Start: 25 @17784 has 1 MA's), (27, 17808), (39, 17910), (64, 18132), (89, 18324), (92, 18348), (94, 18357), (104, 18441), (105, 18444), (109, 18498), (121, 18603), (122, 18606),

Gene: Pygmy_19 Start: 17867, Stop: 18760, Start Num: 12

Candidate Starts for Pygmy_19:

(Start: 12 @17867 has 46 MA's), (Start: 25 @17921 has 1 MA's), (27, 17945), (31, 17969), (33, 17990), (39, 18047), (42, 18059), (46, 18101), (53, 18161), (64, 18269), (83, 18437), (84, 18440), (94, 18494), (104, 18578), (105, 18581), (109, 18635), (122, 18743), (123, 18746),

Gene: QueenHazel_20 Start: 18237, Stop: 19088, Start Num: 13

Candidate Starts for QueenHazel_20:

(Start: 13 @18237 has 37 MA's), (26, 18303), (41, 18438), (44, 18474), (50, 18522), (56, 18576), (60, 18618), (70, 18657), (72, 18678), (75, 18696), (79, 18741), (89, 18807), (98, 18894), (101, 18903), (103, 18918), (104, 18921), (105, 18924), (114, 19008), (120, 19065),

Gene: QuickMath_18 Start: 17898, Stop: 18746, Start Num: 10

Candidate Starts for QuickMath_18:

(Start: 10 @17898 has 38 MA's), (Start: 17 @17916 has 195 MA's), (21, 17928), (22, 17952), (Start: 25 @17967 has 1 MA's), (32, 18012), (35, 18042), (38, 18072), (39, 18096), (49, 18186), (51, 18195), (56, 18243), (61, 18288), (62, 18294), (63, 18297), (68, 18321), (69, 18324), (71, 18339), (80, 18402), (82, 18411), (85, 18450), (88, 18465), (93, 18501), (94, 18504), (95, 18513), (96, 18537), (100, 18558), (109, 18627), (118, 18684), (119, 18714),

Gene: Quico_18 Start: 16400, Stop: 17230, Start Num: 17

Candidate Starts for Quico_18:

(Start: 10 @16382 has 38 MA's), (Start: 17 @16400 has 195 MA's), (21, 16412), (22, 16436), (Start: 25 @16451 has 1 MA's), (32, 16496), (35, 16526), (38, 16556), (39, 16580), (49, 16670), (51, 16679), (53, 16691), (56, 16727), (62, 16778), (63, 16781), (68, 16805), (71, 16823), (80, 16886), (82, 16895), (85, 16934), (88, 16949), (94, 16988), (95, 16997), (96, 17021), (100, 17042), (109, 17111), (118, 17168), (119, 17198),

Gene: Radiance_17 Start: 16553, Stop: 17383, Start Num: 17

Candidate Starts for Radiance_17:

(Start: 10 @16535 has 38 MA's), (Start: 17 @16553 has 195 MA's), (21, 16565), (22, 16589), (Start: 25 @16604 has 1 MA's), (32, 16649), (35, 16679), (38, 16709), (39, 16733), (49, 16823), (51, 16832), (56, 16880), (61, 16925), (62, 16931), (63, 16934), (68, 16958), (69, 16961), (80, 17039), (82, 17048), (85, 17087), (88, 17102), (93, 17138), (94, 17141), (95, 17150), (96, 17174), (100, 17195), (109, 17264), (118, 17321), (119, 17351),

Gene: Ramsey_18 Start: 16602, Stop: 17432, Start Num: 17

Candidate Starts for Ramsey_18:

(Start: 11 @16587 has 27 MA's), (Start: 17 @16602 has 195 MA's), (21, 16614), (22, 16638), (Start: 25 @16653 has 1 MA's), (32, 16698), (35, 16728), (38, 16758), (39, 16782), (49, 16872), (51, 16881), (53, 16893), (56, 16929), (62, 16980), (63, 16983), (68, 17007), (71, 17025), (80, 17088), (82, 17097), (88, 17151), (91, 17175), (94, 17190), (95, 17199), (96, 17223), (100, 17244), (106, 17271), (109, 17313), (118, 17370), (119, 17400),

Gene: Raymond7_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Raymond7_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Rearden_32 Start: 25674, Stop: 26525, Start Num: 18

Candidate Starts for Rearden_32:

(Start: 18 @25674 has 29 MA's), (21, 25680), (28, 25755), (35, 25797), (40, 25854), (45, 25899), (46, 25902), (55, 25998), (66, 26088), (71, 26112), (72, 26121), (74, 26136), (89, 26244), (92, 26268), (96, 26310), (111, 26421), (116, 26445), (122, 26508),

Gene: Rebel_19 Start: 16715, Stop: 17557, Start Num: 17

Candidate Starts for Rebel_19:

(Start: 17 @16715 has 195 MA's), (28, 16802), (31, 16814), (38, 16877), (51, 17000), (61, 17093), (72, 17153), (76, 17195), (83, 17249), (88, 17270), (89, 17273), (91, 17294), (94, 17309), (104, 17384), (108, 17420), (113, 17471), (119, 17528), (122, 17543),

Gene: RedBird_17 Start: 16530, Stop: 17360, Start Num: 17

Candidate Starts for RedBird_17:

(Start: 10 @16512 has 38 MA's), (Start: 17 @16530 has 195 MA's), (21, 16542), (22, 16566), (Start: 25 @16581 has 1 MA's), (32, 16626), (35, 16656), (38, 16686), (39, 16710), (49, 16800), (51, 16809), (56, 16857), (57, 16875), (61, 16902), (62, 16908), (63, 16911), (68, 16935), (69, 16938), (71, 16953), (82, 17025), (85, 17064), (94, 17118), (95, 17127), (96, 17151), (100, 17172), (106, 17199), (109, 17241), (118, 17298), (119, 17328),

Gene: Redi_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Redi_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Redno2_36 Start: 29127, Stop: 29978, Start Num: 18

Candidate Starts for Redno2_36:

(Start: 18 @29127 has 29 MA's), (21, 29133), (28, 29208), (32, 29223), (40, 29307), (45, 29352), (47, 29361), (55, 29451), (66, 29541), (72, 29574), (73, 29580), (94, 29730), (96, 29763), (97, 29766), (107, 29832), (120, 29955), (122, 29961),

Gene: Renaud18_19 Start: 17006, Stop: 17833, Start Num: 15

Candidate Starts for Renaud18_19:

(Start: 15 @17006 has 3 MA's), (30, 17093), (32, 17102), (33, 17120), (53, 17297), (56, 17333), (72, 17438), (82, 17501), (91, 17579), (97, 17630), (111, 17738), (122, 17819),

Gene: Rialto_19 Start: 17067, Stop: 17912, Start Num: 11

Candidate Starts for Rialto_19:

(Start: 11 @17067 has 27 MA's), (Start: 17 @17082 has 195 MA's), (21, 17094), (22, 17118), (Start: 25 @17133 has 1 MA's), (32, 17178), (35, 17208), (38, 17238), (39, 17262), (49, 17352), (51, 17361), (56, 17409), (57, 17427), (61, 17454), (62, 17460), (63, 17463), (68, 17487), (69, 17490), (71, 17505), (82, 17577), (85, 17616), (94, 17670), (95, 17679), (96, 17703), (100, 17724), (106, 17751), (109, 17793), (118, 17850), (119, 17880),

Gene: Rita_17 Start: 16583, Stop: 17413, Start Num: 17

Candidate Starts for Rita_17:

(Start: 10 @16565 has 38 MA's), (Start: 17 @16583 has 195 MA's), (21, 16595), (22, 16619), (Start: 25 @16634 has 1 MA's), (32, 16679), (35, 16709), (38, 16739), (39, 16763), (49, 16853), (51, 16862), (56, 16910), (61, 16955), (62, 16961), (63, 16964), (68, 16988), (71, 17006), (80, 17069), (82, 17078), (85, 17117), (88, 17132), (93, 17168), (94, 17171), (95, 17180), (96, 17204), (100, 17225), (104, 17246), (105, 17249), (109, 17294), (118, 17351), (119, 17381), (123, 17399),

Gene: RitaG_17 Start: 16694, Stop: 17542, Start Num: 10

Candidate Starts for RitaG_17:

(Start: 10 @16694 has 38 MA's), (Start: 17 @16712 has 195 MA's), (21, 16724), (22, 16748), (Start: 25 @16763 has 1 MA's), (32, 16808), (35, 16838), (39, 16892), (49, 16982), (51, 16991), (56, 17039), (57, 17057), (61, 17084), (62, 17090), (63, 17093), (68, 17117), (69, 17120), (71, 17135), (82, 17207), (85, 17246), (94, 17300), (95, 17309), (96, 17333), (100, 17354), (106, 17381), (109, 17423), (118, 17480), (119, 17510),

Gene: Rockne_17 Start: 16556, Stop: 17386, Start Num: 17

Candidate Starts for Rockne_17:

(Start: 11 @16541 has 27 MA's), (Start: 17 @16556 has 195 MA's), (21, 16568), (22, 16592), (Start: 25 @16607 has 1 MA's), (32, 16652), (35, 16682), (39, 16736), (49, 16826), (51, 16835), (56, 16883), (57, 16901), (61, 16928), (62, 16934), (63, 16937), (68, 16961), (69, 16964), (71, 16979), (80, 17042), (82, 17051), (85, 17090), (88, 17105), (91, 17129), (93, 17141), (94, 17144), (95, 17153), (96, 17177), (100, 17198), (104, 17219), (105, 17222), (109, 17267), (118, 17324), (119, 17354), (123, 17372),

Gene: RockyHorror_18 Start: 16431, Stop: 17261, Start Num: 17

Candidate Starts for RockyHorror_18:

(Start: 10 @16413 has 38 MA's), (Start: 17 @16431 has 195 MA's), (21, 16443), (22, 16467), (Start: 25 @16482 has 1 MA's), (32, 16527), (35, 16557), (38, 16587), (39, 16611), (49, 16701), (51, 16710), (56, 16758), (61, 16803), (62, 16809), (63, 16812), (68, 16836), (69, 16839), (71, 16854), (80, 16917), (82, 16926), (85, 16965), (88, 16980), (91, 17004), (93, 17016), (94, 17019), (95, 17028), (96, 17052), (100, 17073), (104, 17094), (105, 17097), (109, 17142), (118, 17199), (119, 17229),

Gene: Royals2015_17 Start: 16590, Stop: 17420, Start Num: 17

Candidate Starts for Royals2015_17:

(Start: 10 @16572 has 38 MA's), (Start: 17 @16590 has 195 MA's), (21, 16602), (22, 16626), (Start: 25 @16641 has 1 MA's), (32, 16686), (35, 16716), (38, 16746), (39, 16770), (49, 16860), (51, 16869), (56, 16917), (61, 16962), (62, 16968), (63, 16971), (68, 16995), (69, 16998), (71, 17013), (80, 17076), (82, 17085), (85, 17124), (88, 17139), (93, 17175), (94, 17178), (95, 17187), (96, 17211), (100, 17232), (109, 17301), (118, 17358), (119, 17388), (123, 17406),

Gene: Rubeelu_19 Start: 16681, Stop: 17523, Start Num: 17

Candidate Starts for Rubeelu_19:

(Start: 17 @16681 has 195 MA's), (28, 16768), (31, 16780), (35, 16813), (39, 16867), (51, 16966), (61, 17059), (63, 17068), (72, 17119), (80, 17173), (83, 17215), (88, 17236), (89, 17239), (91, 17260), (104, 17350), (108, 17386), (113, 17437), (119, 17494), (122, 17509),

Gene: Ruby_17 Start: 16526, Stop: 17374, Start Num: 11

Candidate Starts for Ruby_17:

(Start: 11 @16526 has 27 MA's), (Start: 17 @16541 has 195 MA's), (21, 16553), (22, 16577), (Start: 25 @16592 has 1 MA's), (32, 16637), (35, 16667), (49, 16814), (52, 16832), (56, 16871), (68, 16949), (69, 16952), (82, 17039), (85, 17078), (94, 17132), (95, 17141), (96, 17165), (100, 17186), (106, 17213), (109, 17255), (118, 17312), (119, 17342),

Gene: Ryadel_61 Start: 36061, Stop: 36909, Start Num: 13

Candidate Starts for Ryadel_61:

(Start: 13 @36061 has 37 MA's), (14, 36067), (20, 36082), (24, 36121), (29, 36166), (37, 36220), (48, 36334), (70, 36478), (72, 36499), (82, 36562), (91, 36640), (109, 36790), (115, 36826), (120, 36886),

Gene: SG4_17 Start: 16703, Stop: 17551, Start Num: 10

Candidate Starts for SG4_17:

(Start: 10 @16703 has 38 MA's), (Start: 17 @16721 has 195 MA's), (21, 16733), (22, 16757), (Start: 25 @16772 has 1 MA's), (32, 16817), (35, 16847), (38, 16877), (39, 16901), (49, 16991), (51, 17000), (56, 17048), (61, 17093), (62, 17099), (63, 17102), (68, 17126), (69, 17129), (71, 17144), (82, 17216), (85,

17255), (88, 17270), (93, 17306), (94, 17309), (95, 17318), (96, 17342), (100, 17363), (104, 17384), (109, 17432), (118, 17489), (119, 17519), (123, 17537),

Gene: Saal_17 Start: 16541, Stop: 17386, Start Num: 11

Candidate Starts for Saal_17:

(Start: 11 @16541 has 27 MA's), (Start: 17 @16556 has 195 MA's), (21, 16568), (22, 16592), (Start: 25 @16607 has 1 MA's), (32, 16652), (35, 16682), (39, 16736), (49, 16826), (51, 16835), (56, 16883), (57, 16901), (61, 16928), (62, 16934), (63, 16937), (68, 16961), (69, 16964), (71, 16979), (82, 17051), (85, 17090), (94, 17144), (95, 17153), (96, 17177), (100, 17198), (106, 17225), (109, 17267), (118, 17324), (119, 17354),

Gene: Sabbb_18 Start: 16798, Stop: 17628, Start Num: 17

Candidate Starts for Sabbb_18:

(Start: 11 @16783 has 27 MA's), (Start: 17 @16798 has 195 MA's), (21, 16810), (22, 16834), (Start: 25 @16849 has 1 MA's), (32, 16894), (35, 16924), (39, 16978), (49, 17068), (51, 17077), (57, 17143), (61, 17170), (62, 17176), (63, 17179), (68, 17203), (69, 17206), (82, 17293), (85, 17332), (94, 17386), (95, 17395), (96, 17419), (100, 17440), (106, 17467), (109, 17509), (118, 17566), (119, 17596),

Gene: Sandalphon_18 Start: 17127, Stop: 17957, Start Num: 17

Candidate Starts for Sandalphon_18:

(Start: 11 @17112 has 27 MA's), (Start: 17 @17127 has 195 MA's), (21, 17139), (22, 17163), (Start: 25 @17178 has 1 MA's), (32, 17223), (35, 17253), (39, 17307), (49, 17397), (51, 17406), (56, 17454), (61, 17499), (62, 17505), (63, 17508), (68, 17532), (69, 17535), (71, 17550), (80, 17613), (82, 17622), (88, 17676), (91, 17700), (93, 17712), (94, 17715), (95, 17724), (96, 17748), (100, 17769), (103, 17787), (109, 17838), (118, 17895), (119, 17925),

Gene: Sarma624_18 Start: 16399, Stop: 17229, Start Num: 17

Candidate Starts for Sarma624_18:

(Start: 10 @16381 has 38 MA's), (Start: 17 @16399 has 195 MA's), (21, 16411), (22, 16435), (Start: 25 @16450 has 1 MA's), (32, 16495), (35, 16525), (38, 16555), (39, 16579), (49, 16669), (51, 16678), (56, 16726), (61, 16771), (62, 16777), (63, 16780), (68, 16804), (71, 16822), (80, 16885), (82, 16894), (85, 16933), (88, 16948), (93, 16984), (94, 16987), (95, 16996), (96, 17020), (100, 17041), (109, 17110), (118, 17167), (119, 17197), (123, 17215),

Gene: Sassafras_17 Start: 16705, Stop: 17535, Start Num: 17

Candidate Starts for Sassafras_17:

(Start: 11 @16690 has 27 MA's), (Start: 17 @16705 has 195 MA's), (21, 16717), (22, 16741), (Start: 25 @16756 has 1 MA's), (32, 16801), (35, 16831), (38, 16861), (39, 16885), (49, 16975), (51, 16984), (53, 16996), (56, 17032), (62, 17083), (63, 17086), (68, 17110), (71, 17128), (80, 17191), (82, 17200), (88, 17254), (91, 17278), (94, 17293), (95, 17302), (96, 17326), (100, 17347), (106, 17374), (109, 17416), (118, 17473), (119, 17503),

Gene: SassyB_17 Start: 16618, Stop: 17448, Start Num: 17

Candidate Starts for SassyB_17:

(Start: 10 @16600 has 38 MA's), (Start: 17 @16618 has 195 MA's), (21, 16630), (22, 16654), (Start: 25 @16669 has 1 MA's), (32, 16714), (35, 16744), (38, 16774), (39, 16798), (49, 16888), (51, 16897), (53, 16909), (56, 16945), (61, 16990), (62, 16996), (63, 16999), (68, 17023), (69, 17026), (71, 17041), (80, 17104), (82, 17113), (85, 17152), (88, 17167), (93, 17203), (94, 17206), (95, 17215), (96, 17239), (100, 17260), (109, 17329), (118, 17386), (119, 17416),

Gene: Sbash_18 Start: 17456, Stop: 18310, Start Num: 13

Candidate Starts for Sbash_18:

(Start: 13 @17456 has 37 MA's), (23, 17507), (34, 17579), (40, 17654), (44, 17693), (55, 17792), (63, 17849), (70, 17879), (72, 17900), (98, 18116), (101, 18125), (103, 18140), (104, 18143), (109, 18197), (114, 18230), (120, 18287), (123, 18296),

Gene: Schatzie_35 Start: 28403, Stop: 29254, Start Num: 18

Candidate Starts for Schatzie_35:

(Start: 18 @28403 has 29 MA's), (21, 28409), (28, 28484), (40, 28583), (45, 28628), (46, 28631), (55, 28727), (66, 28817), (71, 28841), (72, 28850), (74, 28865), (89, 28973), (92, 28997), (96, 29039), (111, 29150), (116, 29174), (122, 29237),

Gene: Schnauzer_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Schnauzer_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: SchoolBus_57 Start: 35245, Stop: 36093, Start Num: 13

Candidate Starts for SchoolBus_57:

(Start: 13 @35245 has 37 MA's), (14, 35251), (20, 35266), (24, 35305), (29, 35350), (37, 35404), (48, 35518), (70, 35662), (72, 35683), (82, 35746), (91, 35824), (109, 35974), (120, 36070),

Gene: Schuy_58 Start: 35036, Stop: 35884, Start Num: 13

Candidate Starts for Schuy_58:

(Start: 13 @35036 has 37 MA's), (14, 35042), (20, 35057), (24, 35096), (29, 35141), (37, 35195), (48, 35309), (70, 35453), (72, 35474), (82, 35537), (91, 35615), (109, 35765), (120, 35861),

Gene: Scitech_19 Start: 16711, Stop: 17553, Start Num: 17

Candidate Starts for Scitech_19:

(Start: 17 @16711 has 195 MA's), (28, 16798), (36, 16846), (38, 16873), (43, 16912), (49, 16987), (51, 16996), (61, 17089), (72, 17149), (83, 17245), (88, 17266), (91, 17290), (94, 17305), (104, 17380), (108, 17416), (113, 17467), (119, 17524), (122, 17539),

Gene: Scottish_18 Start: 17874, Stop: 18704, Start Num: 17

Candidate Starts for Scottish_18:

(Start: 11 @17859 has 27 MA's), (Start: 17 @17874 has 195 MA's), (21, 17886), (22, 17910), (Start: 25 @17925 has 1 MA's), (32, 17970), (35, 18000), (38, 18030), (39, 18054), (49, 18144), (51, 18153), (56, 18201), (61, 18246), (62, 18252), (63, 18255), (68, 18279), (69, 18282), (71, 18297), (80, 18360), (82, 18369), (85, 18408), (88, 18423), (93, 18459), (94, 18462), (95, 18471), (96, 18495), (100, 18516), (105, 18540), (106, 18543), (109, 18585), (118, 18642), (119, 18672),

Gene: Seabastian_17 Start: 16807, Stop: 17637, Start Num: 17

Candidate Starts for Seabastian_17:

(Start: 11 @16792 has 27 MA's), (Start: 17 @16807 has 195 MA's), (21, 16819), (22, 16843), (Start: 25 @16858 has 1 MA's), (32, 16903), (35, 16933), (39, 16987), (40, 16993), (49, 17077), (51, 17086), (56, 17134), (57, 17152), (61, 17179), (62, 17185), (63, 17188), (68, 17212), (69, 17215), (82, 17302), (85, 17341), (93, 17392), (94, 17395), (95, 17404), (96, 17428), (100, 17449), (106, 17476), (109, 17518), (118, 17575), (119, 17605),

Gene: Seagreen_18 Start: 16414, Stop: 17244, Start Num: 17

Candidate Starts for Seagreen_18:

(Start: 10 @16396 has 38 MA's), (Start: 17 @16414 has 195 MA's), (21, 16426), (22, 16450), (Start: 25 @16465 has 1 MA's), (32, 16510), (35, 16540), (38, 16570), (39, 16594), (49, 16684), (51, 16693), (56, 16741), (61, 16786), (62, 16792), (63, 16795), (68, 16819), (69, 16822), (71, 16837), (80, 16900), (82,

16909), (85, 16948), (88, 16963), (93, 16999), (94, 17002), (95, 17011), (96, 17035), (100, 17056), (109, 17125), (118, 17182), (119, 17212),

Gene: Shaboozey_29 Start: 25075, Stop: 25926, Start Num: 19

Candidate Starts for Shaboozey_29:

(Start: 19 @25075 has 11 MA's), (21, 25081), (28, 25156), (35, 25198), (40, 25255), (45, 25300), (46, 25303), (54, 25396), (55, 25399), (57, 25420), (66, 25489), (71, 25513), (72, 25522), (85, 25627), (92, 25669), (96, 25711), (102, 25741), (109, 25801),

Gene: Shauna1_17 Start: 16605, Stop: 17453, Start Num: 10

Candidate Starts for Shauna1_17:

(Start: 10 @16605 has 38 MA's), (Start: 17 @16623 has 195 MA's), (21, 16635), (22, 16659), (Start: 25 @16674 has 1 MA's), (32, 16719), (35, 16749), (38, 16779), (39, 16803), (49, 16893), (51, 16902), (56, 16950), (61, 16995), (62, 17001), (63, 17004), (68, 17028), (71, 17046), (80, 17109), (82, 17118), (85, 17157), (88, 17172), (93, 17208), (94, 17211), (95, 17220), (96, 17244), (100, 17265), (109, 17334), (118, 17391), (119, 17421),

Gene: ShiLan_17 Start: 16563, Stop: 17408, Start Num: 11

Candidate Starts for ShiLan_17:

(Start: 11 @16563 has 27 MA's), (Start: 17 @16578 has 195 MA's), (21, 16590), (22, 16614), (Start: 25 @16629 has 1 MA's), (32, 16674), (35, 16704), (39, 16758), (49, 16848), (51, 16857), (56, 16905), (57, 16923), (61, 16950), (62, 16956), (63, 16959), (68, 16983), (69, 16986), (71, 17001), (82, 17073), (85, 17112), (93, 17163), (94, 17166), (95, 17175), (96, 17199), (100, 17220), (109, 17289), (118, 17346), (119, 17376),

Gene: Shida_57 Start: 34943, Stop: 35791, Start Num: 13

Candidate Starts for Shida_57:

(Start: 13 @34943 has 37 MA's), (14, 34949), (20, 34964), (24, 35003), (29, 35048), (37, 35102), (48, 35216), (70, 35360), (72, 35381), (82, 35444), (91, 35522), (109, 35672), (115, 35708), (120, 35768),

Gene: Shipwreck_19 Start: 17845, Stop: 18738, Start Num: 12

Candidate Starts for Shipwreck_19:

(Start: 12 @17845 has 46 MA's), (Start: 25 @17899 has 1 MA's), (27, 17923), (31, 17947), (33, 17968), (39, 18025), (42, 18037), (46, 18079), (53, 18139), (64, 18247), (78, 18370), (83, 18415), (84, 18418), (88, 18436), (89, 18439), (90, 18451), (94, 18472), (104, 18556), (109, 18613), (122, 18721), (123, 18724),

Gene: ShowerHandel_17 Start: 16579, Stop: 17409, Start Num: 17

Candidate Starts for ShowerHandel_17:

(Start: 11 @16564 has 27 MA's), (Start: 17 @16579 has 195 MA's), (21, 16591), (22, 16615), (Start: 25 @16630 has 1 MA's), (32, 16675), (35, 16705), (39, 16759), (49, 16849), (51, 16858), (56, 16906), (57, 16924), (61, 16951), (62, 16957), (63, 16960), (68, 16984), (69, 16987), (71, 17002), (82, 17074), (85, 17113), (93, 17164), (94, 17167), (95, 17176), (96, 17200), (100, 17221), (109, 17290), (118, 17347), (119, 17377),

Gene: ShrimpFriedEgg_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for ShrimpFriedEgg_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: ShroomBoi_17 Start: 16608, Stop: 17438, Start Num: 17

Candidate Starts for ShroomBoi_17:

(Start: 11 @16593 has 27 MA's), (Start: 17 @16608 has 195 MA's), (21, 16620), (22, 16644), (Start: 25 @16659 has 1 MA's), (32, 16704), (35, 16734), (39, 16788), (40, 16794), (49, 16878), (51, 16887), (56, 16935), (57, 16953), (61, 16980), (62, 16986), (63, 16989), (68, 17013), (69, 17016), (71, 17031), (82, 17103), (85, 17142), (94, 17196), (95, 17205), (96, 17229), (100, 17250), (106, 17277), (109, 17319), (118, 17376), (119, 17406),

Gene: Shweta_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Shweta_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: SiSi_17 Start: 16562, Stop: 17392, Start Num: 17

Candidate Starts for SiSi_17:

(Start: 11 @16547 has 27 MA's), (Start: 17 @16562 has 195 MA's), (21, 16574), (22, 16598), (Start: 25 @16613 has 1 MA's), (32, 16658), (35, 16688), (38, 16718), (39, 16742), (40, 16748), (49, 16832), (51, 16841), (56, 16889), (61, 16934), (62, 16940), (63, 16943), (68, 16967), (71, 16985), (80, 17048), (82, 17057), (85, 17096), (88, 17111), (93, 17147), (94, 17150), (95, 17159), (96, 17183), (100, 17204), (109, 17273), (118, 17330), (119, 17360),

Gene: Silvafighter_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Silvafighter_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Silvy_19 Start: 16715, Stop: 17557, Start Num: 17

Candidate Starts for Silvy_19:

(Start: 17 @16715 has 195 MA's), (28, 16802), (30, 16808), (36, 16850), (38, 16877), (43, 16916), (49, 16991), (51, 17000), (61, 17093), (72, 17153), (83, 17249), (88, 17270), (91, 17294), (94, 17309), (104, 17384), (108, 17420), (113, 17471), (119, 17528), (122, 17543),

Gene: SimranZ1_18 Start: 16430, Stop: 17260, Start Num: 17

Candidate Starts for SimranZ1_18:

(Start: 11 @16415 has 27 MA's), (Start: 17 @16430 has 195 MA's), (21, 16442), (22, 16466), (Start: 25 @16481 has 1 MA's), (32, 16526), (35, 16556), (38, 16586), (39, 16610), (49, 16700), (51, 16709), (56, 16757), (57, 16775), (61, 16802), (62, 16808), (63, 16811), (68, 16835), (69, 16838), (80, 16916), (82, 16925), (85, 16964), (88, 16979), (93, 17015), (94, 17018), (95, 17027), (96, 17051), (100, 17072), (105, 17096), (106, 17099), (109, 17141), (118, 17198), (119, 17228),

Gene: SkinnyPete_19 Start: 16715, Stop: 17557, Start Num: 17

Candidate Starts for SkinnyPete_19:

(Start: 17 @16715 has 195 MA's), (28, 16802), (31, 16814), (38, 16877), (51, 17000), (61, 17093), (72, 17153), (76, 17195), (83, 17249), (88, 17270), (89, 17273), (91, 17294), (94, 17309), (104, 17384), (108, 17420), (113, 17471), (119, 17528), (122, 17543),

Gene: Slim_19 Start: 16362, Stop: 17192, Start Num: 17

Candidate Starts for Slim_19:

(Start: 11 @16347 has 27 MA's), (Start: 17 @16362 has 195 MA's), (21, 16374), (22, 16398), (Start: 25 @16413 has 1 MA's), (32, 16458), (35, 16488), (38, 16518), (39, 16542), (49, 16632), (51, 16641), (56, 16689), (57, 16707), (61, 16734), (62, 16740), (63, 16743), (68, 16767), (69, 16770), (71, 16785), (82, 16857), (85, 16896), (94, 16950), (95, 16959), (96, 16983), (100, 17004), (106, 17031), (109, 17073), (118, 17130), (119, 17160),

Gene: Smooch_60 Start: 36965, Stop: 37813, Start Num: 13

Candidate Starts for Smooch_60:

(Start: 13 @36965 has 37 MA's), (14, 36971), (20, 36986), (24, 37025), (29, 37070), (37, 37124), (48, 37238), (70, 37382), (72, 37403), (82, 37466), (91, 37544), (109, 37694), (115, 37730), (120, 37790),

Gene: Smurph_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Smurph_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Snekmaggedon_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for Snekmaggedon_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Sonah_20 Start: 18134, Stop: 19027, Start Num: 12

Candidate Starts for Sonah_20:

(Start: 12 @18134 has 46 MA's), (Start: 25 @18188 has 1 MA's), (27, 18212), (31, 18236), (33, 18257), (39, 18314), (42, 18326), (46, 18368), (53, 18428), (64, 18536), (83, 18704), (84, 18707), (94, 18761), (104, 18845), (105, 18848), (109, 18902), (122, 19010), (123, 19013),

Gene: Sparkdehlily_17 Start: 16602, Stop: 17432, Start Num: 17

Candidate Starts for Sparkdehlily_17:

(Start: 11 @16587 has 27 MA's), (Start: 17 @16602 has 195 MA's), (21, 16614), (22, 16638), (Start: 25 @16653 has 1 MA's), (32, 16698), (35, 16728), (39, 16782), (49, 16872), (51, 16881), (56, 16929), (57, 16947), (61, 16974), (62, 16980), (63, 16983), (68, 17007), (69, 17010), (71, 17025), (82, 17097), (85, 17136), (94, 17190), (95, 17199), (96, 17223), (100, 17244), (106, 17271), (109, 17313), (118, 17370), (119, 17400),

Gene: Spartacus_18 Start: 16654, Stop: 17484, Start Num: 17

Candidate Starts for Spartacus_18:

(Start: 11 @16639 has 27 MA's), (Start: 17 @16654 has 195 MA's), (21, 16666), (22, 16690), (Start: 25 @16705 has 1 MA's), (32, 16750), (35, 16780), (38, 16810), (39, 16834), (40, 16840), (49, 16924), (51, 16933), (56, 16981), (61, 17026), (62, 17032), (63, 17035), (68, 17059), (69, 17062), (71, 17077), (80, 17140), (82, 17149), (85, 17188), (88, 17203), (94, 17242), (95, 17251), (96, 17275), (100, 17296), (104, 17317), (105, 17320), (109, 17365), (118, 17422), (119, 17452), (123, 17470),

Gene: Spikelee_18 Start: 16396, Stop: 17226, Start Num: 17

Candidate Starts for Spikelee_18:

(Start: 11 @16381 has 27 MA's), (Start: 17 @16396 has 195 MA's), (21, 16408), (22, 16432), (Start: 25 @16447 has 1 MA's), (32, 16492), (35, 16522), (39, 16576), (40, 16582), (49, 16666), (51, 16675), (56, 16723), (57, 16741), (61, 16768), (62, 16774), (63, 16777), (68, 16801), (69, 16804), (71, 16819), (82, 16891), (85, 16930), (94, 16984), (95, 16993), (96, 17017), (100, 17038), (106, 17065), (109, 17107), (118, 17164), (119, 17194),

Gene: SpongeBob_19 Start: 16718, Stop: 17560, Start Num: 17

Candidate Starts for SpongeBob_19:

(Start: 17 @16718 has 195 MA's), (28, 16805), (31, 16817), (38, 16880), (51, 17003), (61, 17096), (72, 17156), (76, 17198), (83, 17252), (88, 17273), (89, 17276), (91, 17297), (94, 17312), (104, 17387), (108, 17423), (113, 17474), (119, 17531), (122, 17546),

Gene: Spoonbill_17 Start: 16559, Stop: 17407, Start Num: 10

Candidate Starts for Spoonbill_17:

(Start: 10 @16559 has 38 MA's), (Start: 17 @16577 has 195 MA's), (21, 16589), (22, 16613), (Start: 25 @16628 has 1 MA's), (32, 16673), (35, 16703), (38, 16733), (39, 16757), (40, 16763), (49, 16847), (51, 16856), (56, 16904), (61, 16949), (62, 16955), (63, 16958), (68, 16982), (69, 16985), (71, 17000), (80, 17063), (82, 17072), (85, 17111), (88, 17126), (93, 17162), (94, 17165), (95, 17174), (96, 17198), (100, 17219), (109, 17288), (118, 17345), (119, 17375), (123, 17393),

Gene: Squint_34 Start: 26823, Stop: 27674, Start Num: 19

Candidate Starts for Squint_34:

(Start: 19 @26823 has 11 MA's), (21, 26829), (28, 26904), (35, 26946), (40, 27003), (45, 27048), (46, 27051), (54, 27144), (55, 27147), (57, 27168), (59, 27186), (66, 27237), (67, 27243), (71, 27261), (72, 27270), (85, 27375), (92, 27417), (96, 27459), (102, 27489), (109, 27549),

Gene: Squirty_18 Start: 16478, Stop: 17308, Start Num: 17

Candidate Starts for Squirty_18:

(Start: 11 @16463 has 27 MA's), (Start: 17 @16478 has 195 MA's), (21, 16490), (22, 16514), (Start: 25 @16529 has 1 MA's), (32, 16574), (35, 16604), (39, 16658), (40, 16664), (49, 16748), (51, 16757), (56, 16805), (61, 16850), (62, 16856), (63, 16859), (68, 16883), (69, 16886), (71, 16901), (80, 16964), (82, 16973), (85, 17012), (88, 17027), (89, 17030), (93, 17063), (94, 17066), (95, 17075), (96, 17099), (100, 17120), (106, 17147), (109, 17189), (118, 17246), (119, 17276), (123, 17294),

Gene: StAnnes_17 Start: 16620, Stop: 17450, Start Num: 17

Candidate Starts for StAnnes_17:

(Start: 10 @16602 has 38 MA's), (Start: 17 @16620 has 195 MA's), (21, 16632), (22, 16656), (Start: 25 @16671 has 1 MA's), (32, 16716), (35, 16746), (38, 16776), (39, 16800), (49, 16890), (51, 16899), (56, 16947), (61, 16992), (62, 16998), (63, 17001), (68, 17025), (69, 17028), (71, 17043), (80, 17106), (82, 17115), (85, 17154), (88, 17169), (93, 17205), (94, 17208), (95, 17217), (96, 17241), (100, 17262), (109, 17331), (118, 17388), (119, 17418),

Gene: Stap_18 Start: 16603, Stop: 17433, Start Num: 17

Candidate Starts for Stap_18:

(Start: 11 @16588 has 27 MA's), (Start: 17 @16603 has 195 MA's), (21, 16615), (22, 16639), (Start: 25 @16654 has 1 MA's), (32, 16699), (35, 16729), (38, 16759), (39, 16783), (49, 16873), (51, 16882), (53, 16894), (56, 16930), (62, 16981), (63, 16984), (68, 17008), (71, 17026), (80, 17089), (82, 17098), (88, 17152), (91, 17176), (94, 17191), (95, 17200), (96, 17224), (100, 17245), (106, 17272), (109, 17314), (118, 17371), (119, 17401),

Gene: Starcevich_18 Start: 16349, Stop: 17194, Start Num: 11

Candidate Starts for Starcevich_18:

(Start: 11 @16349 has 27 MA's), (Start: 17 @16364 has 195 MA's), (21, 16376), (22, 16400), (Start: 25 @16415 has 1 MA's), (32, 16460), (35, 16490), (38, 16520), (39, 16544), (49, 16634), (51, 16643), (56, 16691), (57, 16709), (61, 16736), (62, 16742), (63, 16745), (68, 16769), (69, 16772), (71, 16787), (82, 16859), (85, 16898), (94, 16952), (95, 16961), (96, 16985), (100, 17006), (106, 17033), (109, 17075), (118, 17132), (119, 17162),

Gene: StevieRay_20 Start: 18135, Stop: 19028, Start Num: 12

Candidate Starts for StevieRay_20:

(Start: 12 @18135 has 46 MA's), (Start: 25 @18189 has 1 MA's), (27, 18213), (31, 18237), (33, 18258), (39, 18315), (42, 18327), (46, 18369), (53, 18429), (64, 18537), (83, 18705), (84, 18708), (94, 18762), (104, 18846), (105, 18849), (122, 19011), (123, 19014),

Gene: StressBall_20 Start: 18032, Stop: 18925, Start Num: 12

Candidate Starts for StressBall_20:

(Start: 12 @18032 has 46 MA's), (Start: 25 @18086 has 1 MA's), (27, 18110), (31, 18134), (33, 18155), (39, 18212), (42, 18224), (46, 18266), (53, 18326), (64, 18434), (83, 18602), (84, 18605), (88, 18623), (89, 18626), (94, 18659), (104, 18743), (105, 18746), (109, 18800), (122, 18908), (123, 18911),

Gene: Strokeseat_17 Start: 16668, Stop: 17498, Start Num: 17

Candidate Starts for Strokeseat_17:

(Start: 10 @16650 has 38 MA's), (Start: 17 @16668 has 195 MA's), (21, 16680), (22, 16704), (Start: 25 @16719 has 1 MA's), (32, 16764), (35, 16794), (39, 16848), (49, 16938), (51, 16947), (56, 16995), (57, 17013), (61, 17040), (62, 17046), (63, 17049), (68, 17073), (69, 17076), (82, 17163), (85, 17202), (94, 17256), (95, 17265), (96, 17289), (100, 17310), (106, 17337), (109, 17379), (118, 17436), (119, 17466),

Gene: Stuck_22 Start: 17623, Stop: 18477, Start Num: 13

Candidate Starts for Stuck_22:

(Start: 13 @17623 has 37 MA's), (23, 17674), (26, 17689), (34, 17746), (40, 17821), (44, 17860), (55, 17959), (63, 18016), (70, 18046), (72, 18067), (87, 18190), (92, 18223), (98, 18283), (101, 18292), (104, 18310), (109, 18364), (114, 18397), (120, 18454), (123, 18463),

Gene: SuperGrey_18 Start: 17226, Stop: 18077, Start Num: 10

Candidate Starts for SuperGrey_18:

(Start: 10 @17226 has 38 MA's), (Start: 17 @17244 has 195 MA's), (21, 17256), (22, 17280), (Start: 25 @17295 has 1 MA's), (32, 17340), (35, 17370), (49, 17517), (52, 17535), (56, 17574), (61, 17619), (62, 17625), (63, 17628), (68, 17652), (69, 17655), (71, 17670), (80, 17733), (82, 17742), (85, 17781), (88, 17796), (91, 17820), (94, 17835), (95, 17844), (96, 17868), (100, 17889), (105, 17913), (106, 17916), (109, 17958), (118, 18015), (119, 18045),

Gene: Superphikiman_35 Start: 26888, Stop: 27739, Start Num: 19

Candidate Starts for Superphikiman_35:

(Start: 19 @26888 has 11 MA's), (21, 26894), (28, 26969), (35, 27011), (40, 27068), (45, 27113), (46, 27116), (54, 27209), (55, 27212), (57, 27233), (59, 27251), (66, 27302), (67, 27308), (71, 27326), (72, 27335), (85, 27440), (92, 27482), (96, 27524), (102, 27554), (109, 27614),

Gene: SwagPiggett_17 Start: 16579, Stop: 17409, Start Num: 17

Candidate Starts for SwagPiggett_17:

(Start: 11 @16564 has 27 MA's), (Start: 17 @16579 has 195 MA's), (21, 16591), (22, 16615), (Start: 25 @16630 has 1 MA's), (32, 16675), (35, 16705), (39, 16759), (49, 16849), (51, 16858), (56, 16906), (57, 16924), (61, 16951), (62, 16957), (63, 16960), (68, 16984), (69, 16987), (71, 17002), (82, 17074), (85, 17113), (94, 17167), (95, 17176), (96, 17200), (100, 17221), (106, 17248), (109, 17290), (118, 17347), (119, 17377),

Gene: TChen_18 Start: 17110, Stop: 17940, Start Num: 17

Candidate Starts for TChen_18:

(Start: 17 @17110 has 195 MA's), (33, 17224), (49, 17383), (52, 17401), (56, 17440), (57, 17458), (72, 17545), (81, 17605), (82, 17608), (86, 17650), (91, 17686),

Gene: TDanisky_17 Start: 16602, Stop: 17432, Start Num: 17

Candidate Starts for TDanisky_17:

(Start: 11 @16587 has 27 MA's), (Start: 17 @16602 has 195 MA's), (21, 16614), (22, 16638), (Start: 25 @16653 has 1 MA's), (32, 16698), (35, 16728), (39, 16782), (49, 16872), (51, 16881), (56, 16929), (57, 16947), (61, 16974), (62, 16980), (63, 16983), (68, 17007), (69, 17010), (71, 17025), (82, 17097), (85, 17136), (94, 17190), (95, 17199), (96, 17223), (100, 17244), (106, 17271), (109, 17313), (118, 17370),

(119, 17400),

Gene: Taj_17 Start: 16585, Stop: 17433, Start Num: 10

Candidate Starts for Taj_17:

(Start: 10 @16585 has 38 MA's), (Start: 17 @16603 has 195 MA's), (21, 16615), (22, 16639), (Start: 25 @16654 has 1 MA's), (32, 16699), (35, 16729), (38, 16759), (39, 16783), (49, 16873), (51, 16882), (56, 16930), (61, 16975), (62, 16981), (63, 16984), (68, 17008), (69, 17011), (71, 17026), (80, 17089), (82, 17098), (85, 17137), (88, 17152), (93, 17188), (94, 17191), (95, 17200), (96, 17224), (100, 17245), (109, 17314), (118, 17371), (119, 17401),

Gene: Tapioca_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Tapioca_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Tchotchke_18 Start: 16504, Stop: 17334, Start Num: 17

Candidate Starts for Tchotchke_18:

(Start: 11 @16489 has 27 MA's), (Start: 17 @16504 has 195 MA's), (21, 16516), (22, 16540), (Start: 25 @16555 has 1 MA's), (32, 16600), (35, 16630), (38, 16660), (39, 16684), (49, 16774), (51, 16783), (56, 16831), (57, 16849), (61, 16876), (62, 16882), (63, 16885), (68, 16909), (69, 16912), (71, 16927), (82, 16999), (85, 17038), (94, 17092), (95, 17101), (96, 17125), (100, 17146), (106, 17173), (109, 17215), (118, 17272), (119, 17302),

Gene: Techage_20 Start: 18135, Stop: 19028, Start Num: 12

Candidate Starts for Techage_20:

(Start: 12 @18135 has 46 MA's), (Start: 25 @18189 has 1 MA's), (27, 18213), (31, 18237), (33, 18258), (39, 18315), (42, 18327), (46, 18369), (53, 18429), (64, 18537), (83, 18705), (84, 18708), (94, 18762), (104, 18846), (105, 18849), (109, 18903), (122, 19011), (123, 19014),

Gene: TelAviv_54 Start: 35218, Stop: 36066, Start Num: 13

Candidate Starts for TelAviv_54:

(Start: 13 @35218 has 37 MA's), (14, 35224), (20, 35239), (24, 35278), (29, 35323), (37, 35377), (48, 35491), (70, 35635), (72, 35656), (82, 35719), (91, 35797), (109, 35947), (120, 36043),

Gene: Thespis_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Thespis_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (88, 18735), (89, 18738), (90, 18750), (94, 18771), (104, 18855), (122, 19020), (123, 19023),

Gene: ThetaBob_19 Start: 16924, Stop: 17751, Start Num: 15

Candidate Starts for ThetaBob_19:

(Start: 15 @16924 has 3 MA's), (33, 17038), (53, 17215), (56, 17251), (72, 17356), (91, 17497), (97, 17548), (111, 17656), (122, 17737),

Gene: Thibault_34 Start: 29524, Stop: 30375, Start Num: 18

Candidate Starts for Thibault_34:

(Start: 18 @29524 has 29 MA's), (21, 29530), (28, 29605), (32, 29620), (40, 29704), (45, 29749), (47, 29758), (54, 29845), (66, 29938), (72, 29971), (73, 29977), (85, 30076), (89, 30094), (94, 30127), (96, 30160), (97, 30163), (107, 30229), (120, 30352), (122, 30358),

Gene: ThreeRngTarjay_36 Start: 29514, Stop: 30365, Start Num: 18

Candidate Starts for ThreeRngTarjay_36:

(Start: 18 @29514 has 29 MA's), (21, 29520), (28, 29595), (32, 29610), (40, 29694), (45, 29739), (47, 29748), (55, 29838), (66, 29928), (72, 29961), (73, 29967), (94, 30117), (96, 30150), (97, 30153), (107, 30219), (120, 30342), (122, 30348),

Gene: ThulaThula_19 Start: 17846, Stop: 18739, Start Num: 12

Candidate Starts for ThulaThula_19:

(Start: 12 @17846 has 46 MA's), (Start: 25 @17900 has 1 MA's), (27, 17924), (28, 17936), (39, 18026), (64, 18248), (65, 18251), (67, 18287), (94, 18473), (104, 18557), (109, 18614), (112, 18638), (122, 18722),

Gene: TootsiePop_18 Start: 16428, Stop: 17276, Start Num: 11

Candidate Starts for TootsiePop_18:

(Start: 11 @16428 has 27 MA's), (Start: 17 @16443 has 195 MA's), (21, 16455), (22, 16479), (Start: 25 @16494 has 1 MA's), (32, 16539), (35, 16569), (49, 16716), (52, 16734), (56, 16773), (61, 16818), (62, 16824), (63, 16827), (68, 16851), (71, 16869), (80, 16932), (82, 16941), (85, 16980), (88, 16995), (93, 17031), (94, 17034), (95, 17043), (96, 17067), (100, 17088), (106, 17115), (109, 17157), (118, 17214), (119, 17244),

Gene: Tootsieroll_18 Start: 16412, Stop: 17242, Start Num: 17

Candidate Starts for Tootsieroll_18:

(Start: 10 @16394 has 38 MA's), (Start: 17 @16412 has 195 MA's), (21, 16424), (22, 16448), (Start: 25 @16463 has 1 MA's), (32, 16508), (35, 16538), (38, 16568), (39, 16592), (49, 16682), (51, 16691), (56, 16739), (61, 16784), (62, 16790), (63, 16793), (68, 16817), (69, 16820), (80, 16898), (82, 16907), (85, 16946), (88, 16961), (93, 16997), (94, 17000), (95, 17009), (96, 17033), (100, 17054), (109, 17123), (118, 17180), (119, 17210),

Gene: Toron_19 Start: 17045, Stop: 17872, Start Num: 15

Candidate Starts for Toron_19:

(Start: 15 @17045 has 3 MA's), (32, 17141), (33, 17159), (56, 17372), (57, 17390), (68, 17450), (69, 17453), (72, 17477), (81, 17537), (82, 17540), (86, 17582), (94, 17633), (95, 17642),

Gene: Tortellini_19 Start: 17747, Stop: 18640, Start Num: 12

Candidate Starts for Tortellini_19:

(Start: 12 @17747 has 46 MA's), (Start: 25 @17801 has 1 MA's), (27, 17825), (33, 17870), (39, 17927), (53, 18041), (64, 18149), (89, 18341), (94, 18374), (104, 18458), (105, 18461), (109, 18515), (110, 18527), (122, 18623),

Gene: Tortoise12_19 Start: 16714, Stop: 17556, Start Num: 17

Candidate Starts for Tortoise12_19:

(Start: 17 @16714 has 195 MA's), (28, 16801), (30, 16807), (36, 16849), (38, 16876), (43, 16915), (49, 16990), (51, 16999), (61, 17092), (72, 17152), (83, 17248), (88, 17269), (91, 17293), (94, 17308), (104, 17383), (108, 17419), (113, 17470), (119, 17527), (122, 17542),

Gene: Totinger_18 Start: 16362, Stop: 17192, Start Num: 17

Candidate Starts for Totinger_18:

(Start: 11 @16347 has 27 MA's), (Start: 17 @16362 has 195 MA's), (21, 16374), (22, 16398), (Start: 25 @16413 has 1 MA's), (32, 16458), (35, 16488), (38, 16518), (39, 16542), (49, 16632), (51, 16641), (56, 16689), (57, 16707), (61, 16734), (62, 16740), (63, 16743), (68, 16767), (69, 16770), (71, 16785), (82, 16857), (85, 16896), (94, 16950), (95, 16959), (96, 16983), (100, 17004), (106, 17031), (109, 17073), (118, 17130), (119, 17160),

Gene: Tweety_17 Start: 16606, Stop: 17454, Start Num: 10

Candidate Starts for Tweety_17:

(Start: 10 @16606 has 38 MA's), (Start: 17 @16624 has 195 MA's), (21, 16636), (22, 16660), (Start: 25 @16675 has 1 MA's), (32, 16720), (35, 16750), (38, 16780), (39, 16804), (49, 16894), (51, 16903), (56, 16951), (61, 16996), (62, 17002), (63, 17005), (68, 17029), (69, 17032), (71, 17047), (80, 17110), (82, 17119), (85, 17158), (88, 17173), (93, 17209), (94, 17212), (95, 17221), (96, 17245), (100, 17266), (109, 17335), (118, 17392), (119, 17422),

Gene: UncleRicky_18 Start: 16392, Stop: 17222, Start Num: 17

Candidate Starts for UncleRicky_18:

(Start: 10 @16374 has 38 MA's), (Start: 17 @16392 has 195 MA's), (21, 16404), (22, 16428), (Start: 25 @16443 has 1 MA's), (32, 16488), (35, 16518), (38, 16548), (39, 16572), (49, 16662), (51, 16671), (56, 16719), (61, 16764), (62, 16770), (63, 16773), (68, 16797), (71, 16815), (80, 16878), (82, 16887), (85, 16926), (88, 16941), (93, 16977), (94, 16980), (95, 16989), (96, 17013), (100, 17034), (109, 17103), (118, 17160), (119, 17190),

Gene: VRedHorse_17 Start: 16722, Stop: 17567, Start Num: 11

Candidate Starts for VRedHorse_17:

(Start: 11 @16722 has 27 MA's), (Start: 17 @16737 has 195 MA's), (21, 16749), (22, 16773), (Start: 25 @16788 has 1 MA's), (32, 16833), (35, 16863), (39, 16917), (49, 17007), (51, 17016), (56, 17064), (57, 17082), (61, 17109), (62, 17115), (63, 17118), (69, 17145), (71, 17160), (82, 17232), (85, 17271), (94, 17325), (95, 17334), (96, 17358), (100, 17379), (106, 17406), (109, 17448), (118, 17505), (119, 17535),

Gene: Vagabond_57 Start: 35081, Stop: 35929, Start Num: 13

Candidate Starts for Vagabond_57:

(Start: 13 @35081 has 37 MA's), (14, 35087), (20, 35102), (24, 35141), (29, 35186), (37, 35240), (48, 35354), (70, 35498), (72, 35519), (82, 35582), (91, 35660), (109, 35810), (120, 35906),

Gene: Velveteen_18 Start: 16381, Stop: 17229, Start Num: 10

Candidate Starts for Velveteen_18:

(Start: 10 @16381 has 38 MA's), (Start: 17 @16399 has 195 MA's), (21, 16411), (22, 16435), (Start: 25 @16450 has 1 MA's), (32, 16495), (35, 16525), (38, 16555), (39, 16579), (49, 16669), (51, 16678), (56, 16726), (61, 16771), (62, 16777), (63, 16780), (68, 16804), (71, 16822), (80, 16885), (82, 16894), (85, 16933), (88, 16948), (93, 16984), (94, 16987), (95, 16996), (96, 17020), (100, 17041), (109, 17110), (118, 17167), (119, 17197), (123, 17215),

Gene: Venti_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Venti_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (88, 18735), (89, 18738), (90, 18750), (94, 18771), (104, 18855), (122, 19020), (123, 19023),

Gene: Veteran_17 Start: 16572, Stop: 17405, Start Num: 17

Candidate Starts for Veteran_17:

(Start: 11 @16557 has 27 MA's), (Start: 17 @16572 has 195 MA's), (21, 16584), (22, 16608), (Start: 25 @16623 has 1 MA's), (32, 16668), (35, 16698), (49, 16845), (52, 16863), (56, 16902), (68, 16980), (69, 16983), (82, 17070), (85, 17109), (94, 17163), (95, 17172), (96, 17196), (100, 17217), (106, 17244), (109, 17286), (118, 17343), (119, 17373),

Gene: Vidya_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Vidya_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771),

(104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Violac_18 Start: 17119, Stop: 17949, Start Num: 17

Candidate Starts for Violac_18:

(Start: 11 @17104 has 27 MA's), (Start: 17 @17119 has 195 MA's), (21, 17131), (22, 17155), (Start: 25 @17170 has 1 MA's), (32, 17215), (35, 17245), (38, 17275), (39, 17299), (49, 17389), (51, 17398), (56, 17446), (57, 17464), (61, 17491), (62, 17497), (63, 17500), (68, 17524), (69, 17527), (80, 17605), (82, 17614), (85, 17653), (88, 17668), (93, 17704), (94, 17707), (95, 17716), (96, 17740), (100, 17761), (106, 17788), (109, 17830), (118, 17887), (119, 17917),

Gene: Vivum_17 Start: 16517, Stop: 17347, Start Num: 17

Candidate Starts for Vivum_17:

(Start: 11 @16502 has 27 MA's), (Start: 17 @16517 has 195 MA's), (21, 16529), (22, 16553), (Start: 25 @16568 has 1 MA's), (32, 16613), (35, 16643), (39, 16697), (49, 16787), (51, 16796), (56, 16844), (57, 16862), (61, 16889), (62, 16895), (63, 16898), (68, 16922), (69, 16925), (71, 16940), (82, 17012), (85, 17051), (94, 17105), (95, 17114), (96, 17138), (100, 17159), (106, 17186), (109, 17228), (118, 17285), (119, 17315),

Gene: Vorrps_57 Start: 35293, Stop: 36141, Start Num: 13

Candidate Starts for Vorrps_57:

(Start: 13 @35293 has 37 MA's), (14, 35299), (20, 35314), (24, 35353), (29, 35398), (37, 35452), (48, 35566), (70, 35710), (72, 35731), (82, 35794), (91, 35872), (109, 36022), (120, 36118),

Gene: Wachhund_17 Start: 16595, Stop: 17425, Start Num: 17

Candidate Starts for Wachhund_17:

(Start: 10 @16577 has 38 MA's), (Start: 17 @16595 has 195 MA's), (21, 16607), (22, 16631), (Start: 25 @16646 has 1 MA's), (32, 16691), (35, 16721), (38, 16751), (39, 16775), (49, 16865), (51, 16874), (56, 16922), (61, 16967), (62, 16973), (63, 16976), (68, 17000), (69, 17003), (71, 17018), (80, 17081), (82, 17090), (85, 17129), (88, 17144), (94, 17183), (95, 17192), (96, 17216), (100, 17237), (106, 17264), (109, 17306), (118, 17363), (119, 17393),

Gene: Wanda_38 Start: 28959, Stop: 29810, Start Num: 18

Candidate Starts for Wanda_38:

(Start: 18 @28959 has 29 MA's), (21, 28965), (28, 29040), (32, 29055), (40, 29139), (45, 29184), (46, 29187), (54, 29280), (55, 29283), (66, 29373), (67, 29379), (71, 29397), (72, 29406), (85, 29511), (92, 29553), (96, 29595), (102, 29625), (109, 29685),

Gene: Wee_18 Start: 17126, Stop: 17974, Start Num: 10

Candidate Starts for Wee_18:

(Start: 10 @17126 has 38 MA's), (Start: 17 @17144 has 195 MA's), (21, 17156), (22, 17180), (Start: 25 @17195 has 1 MA's), (32, 17240), (35, 17270), (38, 17300), (39, 17324), (49, 17414), (51, 17423), (56, 17471), (61, 17516), (62, 17522), (63, 17525), (68, 17549), (69, 17552), (71, 17567), (80, 17630), (82, 17639), (85, 17678), (88, 17693), (93, 17729), (94, 17732), (95, 17741), (96, 17765), (100, 17786), (109, 17855), (118, 17912), (119, 17942),

Gene: Whatsapiecost_17 Start: 16602, Stop: 17450, Start Num: 10

Candidate Starts for Whatsapiecost_17:

(Start: 10 @16602 has 38 MA's), (Start: 17 @16620 has 195 MA's), (21, 16632), (22, 16656), (Start: 25 @16671 has 1 MA's), (32, 16716), (35, 16746), (38, 16776), (39, 16800), (49, 16890), (51, 16899), (56, 16947), (61, 16992), (62, 16998), (63, 17001), (68, 17025), (71, 17043), (80, 17106), (82, 17115), (85, 17154), (88, 17169), (93, 17205), (94, 17208), (95, 17217), (96, 17241), (100, 17262), (109, 17331), (118, 17388), (119, 17418),

Gene: Whouxphf_17 Start: 16677, Stop: 17507, Start Num: 17

Candidate Starts for Whouxphf_17:

(Start: 11 @16662 has 27 MA's), (Start: 17 @16677 has 195 MA's), (21, 16689), (22, 16713), (Start: 25 @16728 has 1 MA's), (32, 16773), (35, 16803), (39, 16857), (40, 16863), (49, 16947), (51, 16956), (56, 17004), (57, 17022), (61, 17049), (62, 17055), (63, 17058), (68, 17082), (69, 17085), (71, 17100), (82, 17172), (85, 17211), (94, 17265), (95, 17274), (96, 17298), (100, 17319), (106, 17346), (109, 17388), (118, 17445), (119, 17475),

Gene: Wildflower_57 Start: 34805, Stop: 35653, Start Num: 13

Candidate Starts for Wildflower_57:

(Start: 13 @34805 has 37 MA's), (14, 34811), (20, 34826), (24, 34865), (29, 34910), (37, 34964), (48, 35078), (70, 35222), (72, 35243), (82, 35306), (91, 35384), (109, 35534), (120, 35630),

Gene: WillSterrel_18 Start: 17930, Stop: 18760, Start Num: 17

Candidate Starts for WillSterrel_18:

(Start: 11 @17915 has 27 MA's), (Start: 17 @17930 has 195 MA's), (21, 17942), (22, 17966), (Start: 25 @17981 has 1 MA's), (32, 18026), (35, 18056), (39, 18110), (49, 18200), (51, 18209), (56, 18257), (57, 18275), (61, 18302), (62, 18308), (63, 18311), (68, 18335), (69, 18338), (71, 18353), (82, 18425), (85, 18464), (94, 18518), (95, 18527), (96, 18551), (100, 18572), (106, 18599), (109, 18641), (118, 18698), (119, 18728),

Gene: Willsammy_20 Start: 18036, Stop: 18929, Start Num: 12

Candidate Starts for Willsammy_20:

(Start: 12 @18036 has 46 MA's), (Start: 25 @18090 has 1 MA's), (27, 18114), (31, 18138), (33, 18159), (39, 18216), (42, 18228), (46, 18270), (53, 18330), (64, 18438), (83, 18606), (84, 18609), (94, 18663), (104, 18747), (105, 18750), (109, 18804), (122, 18912), (123, 18915),

Gene: Winget_58 Start: 35511, Stop: 36359, Start Num: 13

Candidate Starts for Winget_58:

(Start: 13 @35511 has 37 MA's), (14, 35517), (20, 35532), (24, 35571), (29, 35616), (37, 35670), (48, 35784), (70, 35928), (72, 35949), (82, 36012), (91, 36090), (109, 36240), (120, 36336),

Gene: Wogge42_56 Start: 34952, Stop: 35800, Start Num: 13

Candidate Starts for Wogge42_56:

(Start: 13 @34952 has 37 MA's), (14, 34958), (20, 34973), (24, 35012), (29, 35057), (37, 35111), (48, 35225), (70, 35369), (72, 35390), (82, 35453), (91, 35531), (109, 35681), (120, 35777),

Gene: XFactor_17 Start: 16576, Stop: 17406, Start Num: 17

Candidate Starts for XFactor_17:

(Start: 10 @16558 has 38 MA's), (Start: 17 @16576 has 195 MA's), (21, 16588), (22, 16612), (Start: 25 @16627 has 1 MA's), (32, 16672), (35, 16702), (38, 16732), (39, 16756), (49, 16846), (51, 16855), (56, 16903), (61, 16948), (62, 16954), (63, 16957), (68, 16981), (71, 16999), (80, 17062), (82, 17071), (85, 17110), (88, 17125), (93, 17161), (94, 17164), (95, 17173), (96, 17197), (100, 17218), (109, 17287), (118, 17344), (119, 17374),

Gene: Xavia_20 Start: 18148, Stop: 19041, Start Num: 12

Candidate Starts for Xavia_20:

(Start: 12 @18148 has 46 MA's), (Start: 25 @18202 has 1 MA's), (27, 18226), (31, 18250), (33, 18271), (39, 18328), (42, 18340), (46, 18382), (53, 18442), (64, 18550), (83, 18718), (84, 18721), (90, 18754), (94, 18775), (104, 18859), (122, 19024), (123, 19027),

Gene: Xeno_19 Start: 16711, Stop: 17553, Start Num: 17

Candidate Starts for Xeno_19:

(Start: 17 @16711 has 195 MA's), (28, 16798), (36, 16846), (38, 16873), (43, 16912), (49, 16987), (51, 16996), (61, 17089), (72, 17149), (83, 17245), (88, 17266), (91, 17290), (94, 17305), (104, 17380), (108, 17416), (113, 17467), (119, 17524), (122, 17539),

Gene: Xerxes_19 Start: 16711, Stop: 17553, Start Num: 17

Candidate Starts for Xerxes_19:

(Start: 17 @16711 has 195 MA's), (28, 16798), (30, 16804), (36, 16846), (38, 16873), (43, 16912), (49, 16987), (51, 16996), (61, 17089), (72, 17149), (83, 17245), (88, 17266), (91, 17290), (94, 17305), (104, 17380), (108, 17416), (113, 17467), (119, 17524), (122, 17539),

Gene: Xula_19 Start: 17869, Stop: 18720, Start Num: 13

Candidate Starts for Xula_19:

(Start: 13 @17869 has 37 MA's), (26, 17935), (41, 18070), (44, 18106), (50, 18154), (56, 18208), (60, 18250), (70, 18289), (72, 18310), (75, 18328), (79, 18373), (89, 18439), (98, 18526), (101, 18535), (103, 18550), (104, 18553), (105, 18556), (114, 18640), (120, 18697),

Gene: Yeet_36 Start: 28648, Stop: 29499, Start Num: 18

Candidate Starts for Yeet_36:

(Start: 18 @28648 has 29 MA's), (21, 28654), (28, 28729), (40, 28828), (45, 28873), (46, 28876), (55, 28972), (66, 29062), (71, 29086), (72, 29095), (74, 29110), (89, 29218), (92, 29242), (96, 29284), (111, 29395), (116, 29419), (122, 29482),

Gene: Yorick_17 Start: 16577, Stop: 17407, Start Num: 17

Candidate Starts for Yorick_17:

(Start: 11 @16562 has 27 MA's), (Start: 17 @16577 has 195 MA's), (21, 16589), (22, 16613), (Start: 25 @16628 has 1 MA's), (32, 16673), (35, 16703), (39, 16757), (49, 16847), (51, 16856), (56, 16904), (57, 16922), (61, 16949), (62, 16955), (63, 16958), (68, 16982), (69, 16985), (71, 17000), (82, 17072), (85, 17111), (93, 17162), (94, 17165), (95, 17174), (96, 17198), (100, 17219), (109, 17288), (118, 17345), (119, 17375),

Gene: YungJamal_62 Start: 36703, Stop: 37551, Start Num: 13

Candidate Starts for YungJamal_62:

(Start: 13 @36703 has 37 MA's), (14, 36709), (20, 36724), (24, 36763), (29, 36808), (37, 36862), (48, 36976), (70, 37120), (72, 37141), (82, 37204), (91, 37282), (109, 37432), (120, 37528),

Gene: Zakhe101_57 Start: 35349, Stop: 36197, Start Num: 13

Candidate Starts for Zakhe101_57:

(Start: 13 @35349 has 37 MA's), (14, 35355), (20, 35370), (24, 35409), (29, 35454), (37, 35508), (48, 35622), (70, 35766), (72, 35787), (82, 35850), (91, 35928), (109, 36078), (120, 36174),

Gene: Zebo_56 Start: 35254, Stop: 36102, Start Num: 13

Candidate Starts for Zebo_56:

(Start: 13 @35254 has 37 MA's), (14, 35260), (20, 35275), (24, 35314), (29, 35359), (37, 35413), (48, 35527), (70, 35671), (72, 35692), (82, 35755), (91, 35833), (109, 35983), (120, 36079),

Gene: Zelink_39 Start: 30458, Stop: 31309, Start Num: 18

Candidate Starts for Zelink_39:

(Start: 18 @30458 has 29 MA's), (21, 30464), (28, 30539), (32, 30554), (40, 30638), (45, 30683), (47, 30692), (55, 30782), (66, 30872), (72, 30905), (73, 30911), (94, 31061), (96, 31094), (97, 31097), (107, 31163), (120, 31286), (122, 31292),

Gene: Zerg_17 Start: 16540, Stop: 17370, Start Num: 17

Candidate Starts for Zerg_17:

(Start: 10 @16522 has 38 MA's), (Start: 17 @16540 has 195 MA's), (21, 16552), (22, 16576), (Start: 25 @16591 has 1 MA's), (32, 16636), (35, 16666), (38, 16696), (39, 16720), (49, 16810), (51, 16819), (56, 16867), (61, 16912), (62, 16918), (63, 16921), (68, 16945), (69, 16948), (71, 16963), (80, 17026), (82, 17035), (85, 17074), (88, 17089), (93, 17125), (94, 17128), (95, 17137), (96, 17161), (100, 17182), (109, 17251), (118, 17308), (119, 17338), (123, 17356),

Gene: Zilizebeth_20 Start: 18144, Stop: 19037, Start Num: 12

Candidate Starts for Zilizebeth_20:

(Start: 12 @18144 has 46 MA's), (Start: 25 @18198 has 1 MA's), (27, 18222), (31, 18246), (33, 18267), (39, 18324), (42, 18336), (46, 18378), (53, 18438), (64, 18546), (83, 18714), (84, 18717), (94, 18771), (104, 18855), (105, 18858), (109, 18912), (122, 19020), (123, 19023),

Gene: Zizzle_17 Start: 16548, Stop: 17378, Start Num: 17

Candidate Starts for Zizzle_17:

(Start: 11 @16533 has 27 MA's), (Start: 17 @16548 has 195 MA's), (21, 16560), (22, 16584), (Start: 25 @16599 has 1 MA's), (32, 16644), (35, 16674), (39, 16728), (49, 16818), (51, 16827), (56, 16875), (57, 16893), (61, 16920), (62, 16926), (63, 16929), (68, 16953), (69, 16956), (71, 16971), (82, 17043), (85, 17082), (93, 17133), (94, 17136), (95, 17145), (96, 17169), (100, 17190), (109, 17259), (118, 17316), (119, 17346),