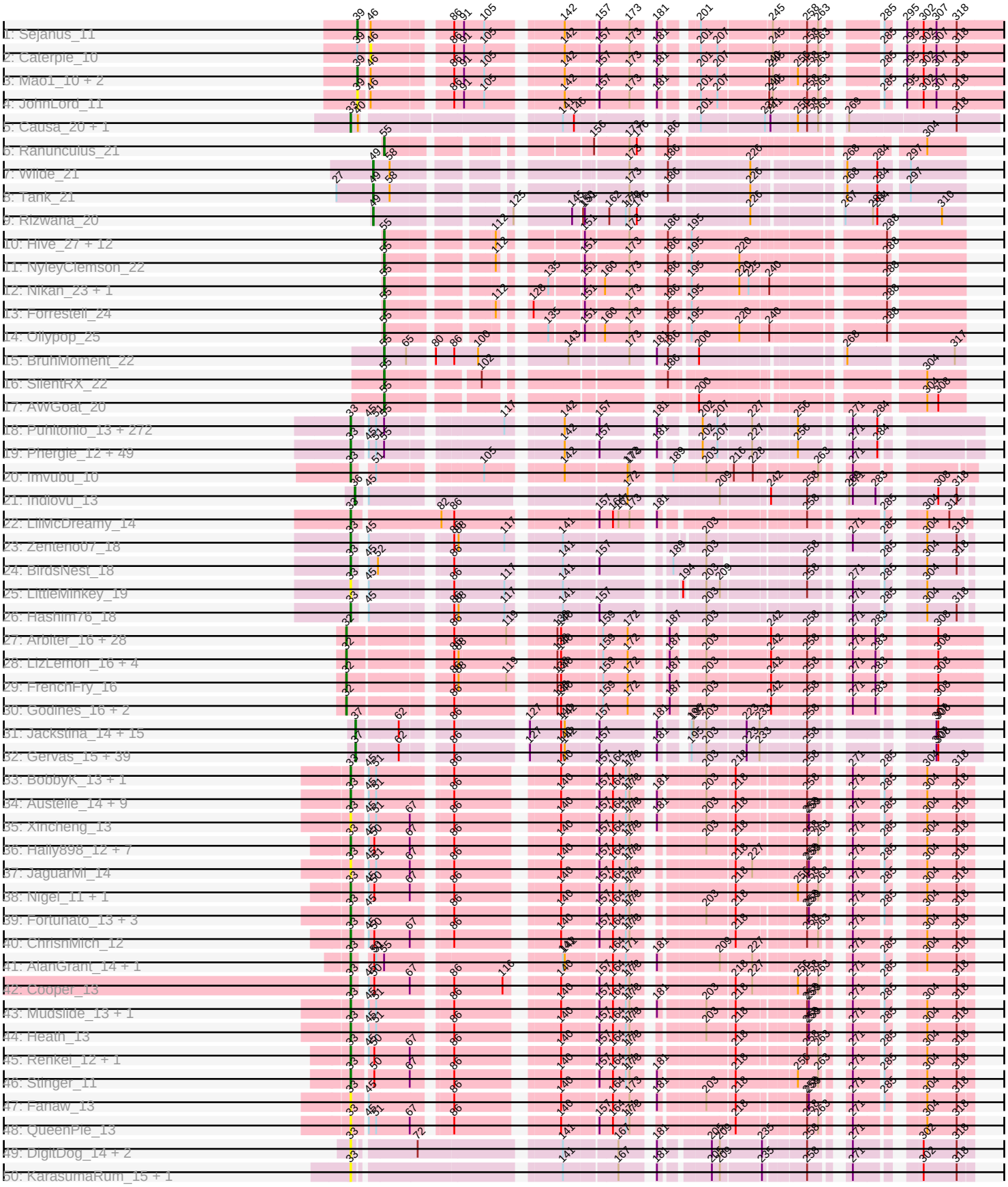
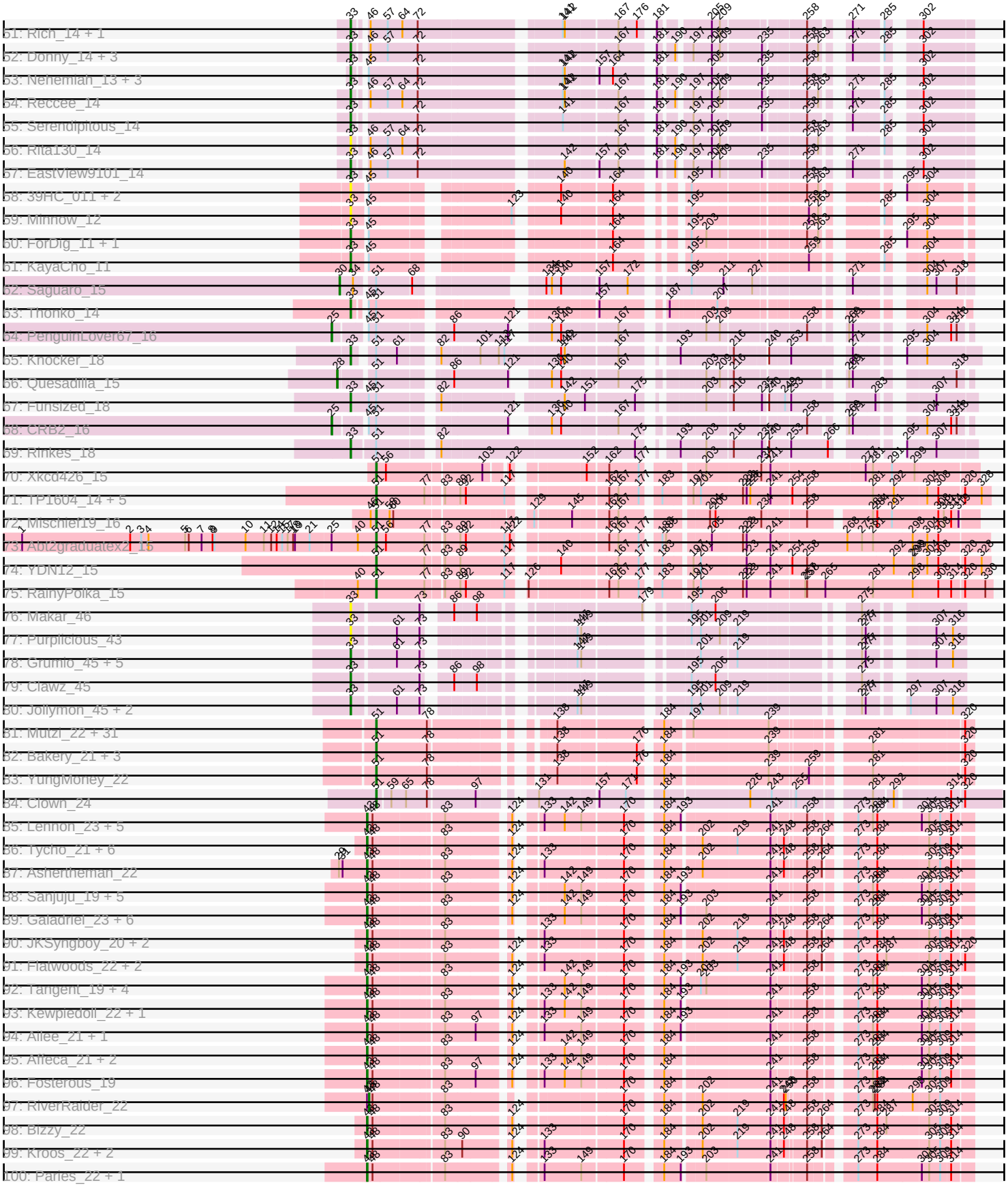
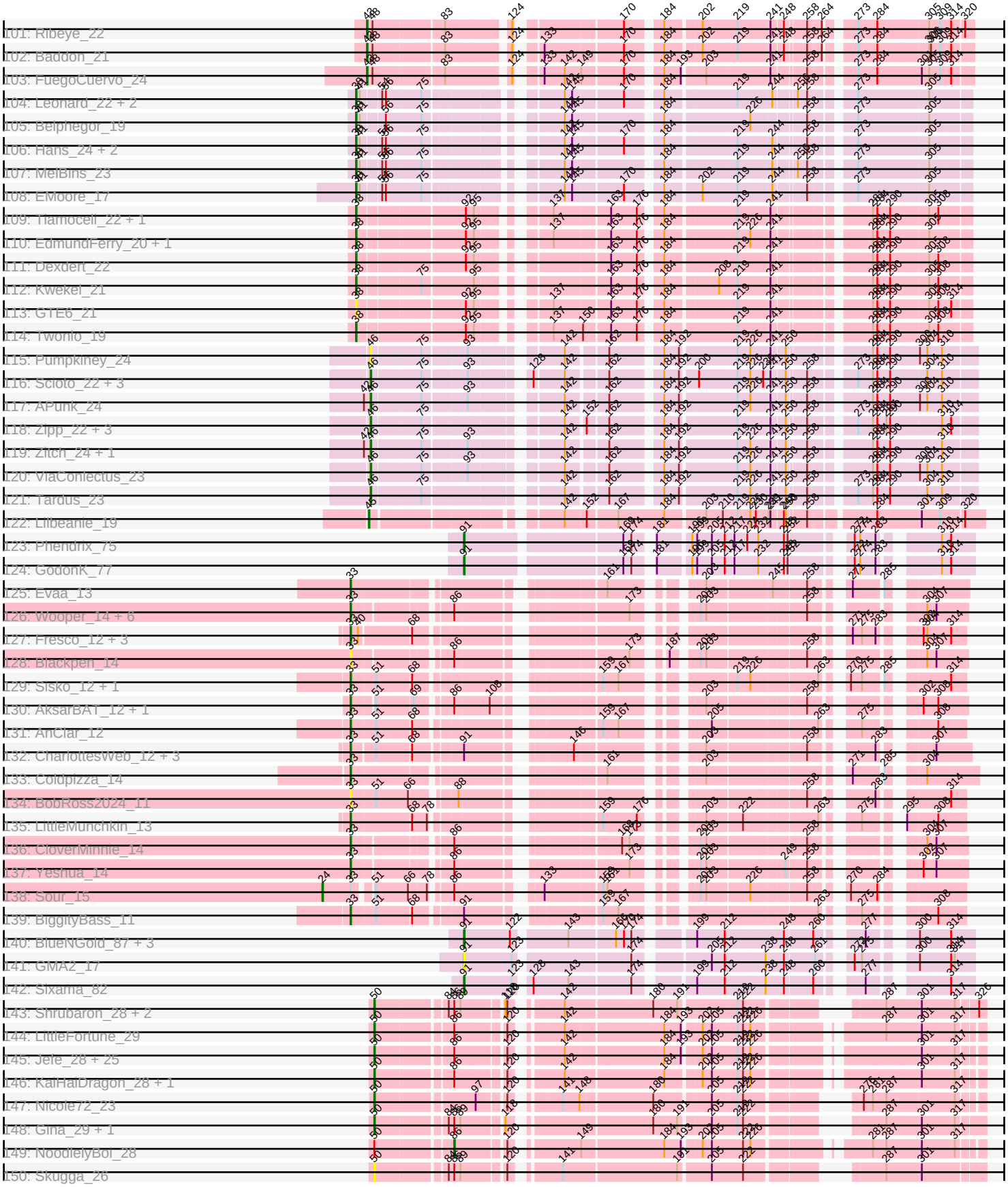
Pham 347031


1: Sejanus_11
2: Caterpie_10
3: Mao1_10 + 2
4: JohnLord_11
5: Causa_20 + 1
6: Ranunculus_21
7: Wilde_21
8: Tank_21
9: Rizwana_20
10: Hive_27 + 12
11: NyleyClemson_22
12: Nikan_23 + 1
13: Forrestell_24
14: Ollypop_25
15: BruhMoment_22
16: SilentRX_22
17: AWGoat_20
18: Punitonio_13 + 272
19: Phergie_12 + 49
20: Imvubu_10
21: Indiovu_13
22: LilMcDreamy_14
23: Zenteno07_18
24: BirdsNest_18
25: LittleMinkey_19
26: Hashim76_18
27: Arbiter_16 + 28
28: LizLemon_16 + 4
29: FrenchFry_16
30: Godines_16 + 2
31: Jackstina_14 + 15
32: Gervas_15 + 39
33: BobbyK_13 + 1
34: Austelle_14 + 9
35: Xincheng_13
36: Rally898_12 + 7
37: JaguarMI_14
38: Nigel_11 + 1
39: Fortunato_13 + 3
40: ChrishMich_12
41: AlanGrant_14 + 1
42: Cooper_13
43: Mudslide_13 + 1
44: Heath_13
45: Renkel_12 + 1
46: Stinger_11
47: Fanaw_13
48: QueenPie_13
49: DigitDog_14 + 2
50: KarasumaRum_15 + 1

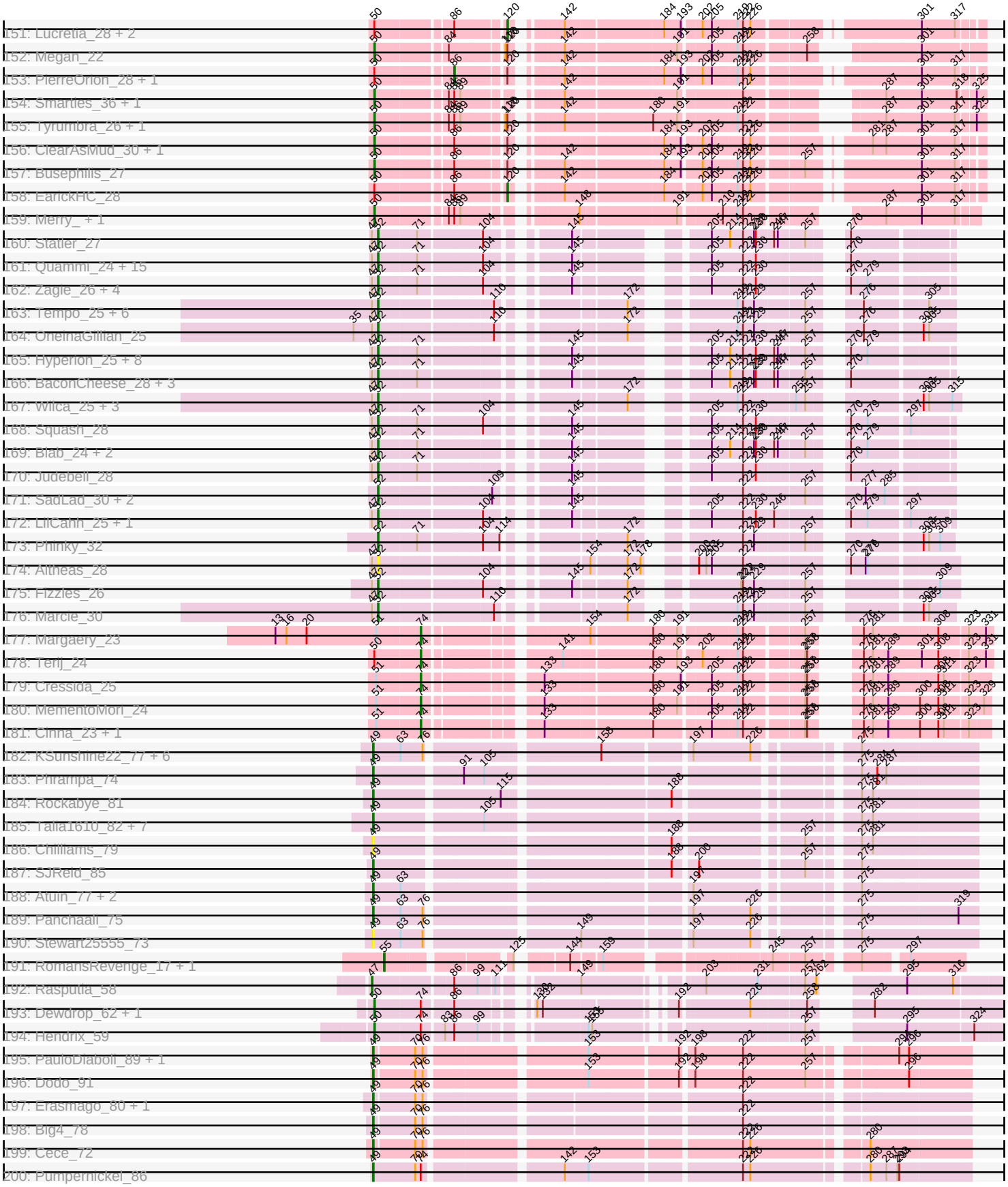
Pham 347031


51: Rich_14 + 1
52: Donny_14 + 3
53: Nehemiah_13 + 3
54: Reccee_14
55: Serendipitous_14
56: Rita130_14
57: EastView9101_14
58: 39HC_011 + 2
59: Minnow_12
60: ForDig_11 + 1
61: KayaCho_11
62: Saguaro_15
63: Thonko_14
64: PenguinLover67_16
65: Knocker_18
66: Quesadilla_15
67: Funsized_18
68: CRB2_16
69: Rinkes_18
70: Xkcd426_15
71: TP1604_14 + 5
72: Mischief19_16
73: Abi2graduatex2_15
74: YDN12_15
75: RainyPolka_15
76: Makar_46
77: Purplicious_43
78: Grumio_45 + 5
79: Clawz_45
80: Jollymon_45 + 2
81: Mutzi_22 + 31
82: Bakery_21 + 3
83: YungMoney_22
84: Clown_24
85: Lennon_23 + 5
86: Tycho_21 + 6
87: Ashertheman_22
88: Sanjuju_19 + 5
89: Galadriel_23 + 6
90: JKSyngboy_20 + 2
91: Flatwoods_22 + 2
92: Tangent_19 + 4
93: Kewpiedoll_22 + 1
94: Allee_21 + 1
95: Alleca_21 + 2
96: Fosterous_19
97: RiverRaider_22
98: Bizzy_22
99: Kroos_22 + 2
100: Parles_22 + 1

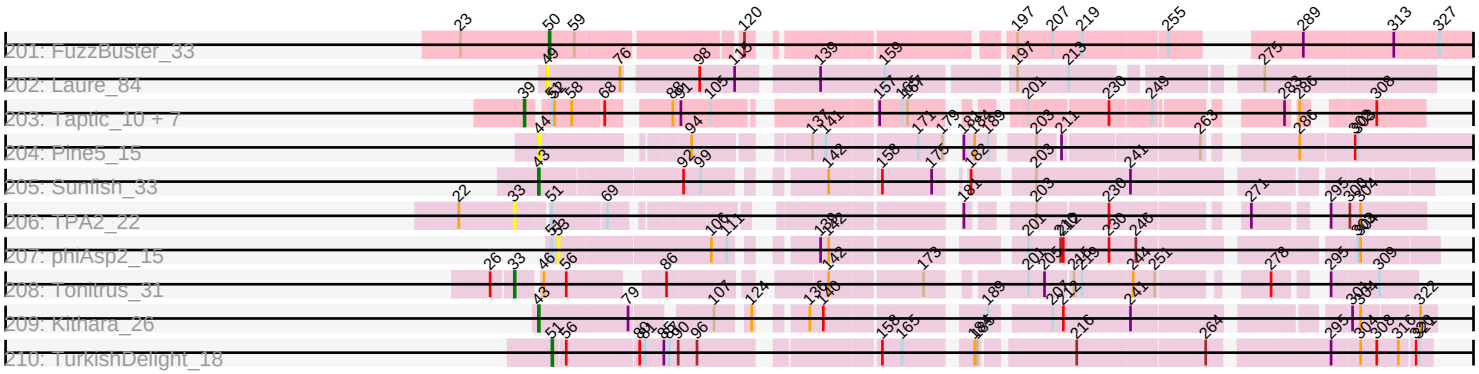
Pham 347031


I01: Ribeye_22
I02: Baddon_21
I03: FuegoCuervo_24
I04: Leonard_22 + 2
I05: Belphegor_19
I06: Hans_24 + 2
I07: MelBins_23
I08: EMoore_17
I09: Tiamocelli_22 + 1
I10: EdmundFerry_20 + 1
I11: Dexdert_22
I12: Kwekel_21
I13: GTE6_21
I14: Twonio_19
I15: Pumpkiney_24
I16: Scioto_22 + 3
I17: APunk_24
I18: Zipp_22 + 3
I19: Zitch_24 + 1
I20: ViaConiectus_23
I21: Tardus_23
I22: Lilbeanie_19
I23: Phendrix_75
I24: GodonK_77
I25: Evaa_13
I26: Wooper_14 + 6
I27: Fresco_12 + 3
I28: Blackpen_14
I29: Sisko_12 + 1
I30: AksarBAT_12 + 1
I31: AnClar_12
I32: CharlottesWeb_12 + 3
I33: Coldpizza_14
I34: BobRoss2024_11
I35: LittleMunchkin_13
I36: CloverMinnie_14
I37: Yeshua_14
I38: Sour_15
I39: BiggityBass_11
I40: BlueNGold_87 + 3
I41: GMA2_17
I42: Sixama_82
I43: Shrubaron_28 + 2
I44: LittleFortune_29
I45: Jefe_28 + 25
I46: KaiHaiDragon_28 + 1
I47: Nicole72_23
I48: Gina_29 + 1
I49: NoodlelyBoi_28
I50: Skugga_26

Pham 347031


151: Lucretia_28 + 2
152: Megan_22
153: PierreOnion_28 + 1
154: Smarties_36 + 1
155: Tyrumbra_26 + 1
156: ClearAsMud_30 + 1
157: Busephilis_27
158: EarlckHC_28
159: Merry_ + 1
160: Statler_27
161: Quammi_24 + 15
162: Zagie_26 + 4
163: Tempo_25 + 6
164: OneInaGillian_25
165: Hyperion_25 + 8
166: BaconCheese_28 + 3
167: Wilca_25 + 3
168: Squash_28
169: Blab_24 + 2
170: Judebell_28
171: SadLad_30 + 2
172: LilCann_25 + 1
173: Phinky_32
174: Altheas_28
175: Fizzies_26
176: Marcie_30
177: Margaery_23
178: Terij_24
179: Cressida_25
180: MementoMori_24
181: Cinna_23 + 1
182: KSunshine22_77 + 6
183: Phrampa_74
184: Rockabye_81
185: Talla1610_82 + 7
186: Chilliams_79
187: SJReid_85
188: Atuin_77 + 2
189: Panchaali_75
190: Stewart25555_73
191: RomansRevenge_17 + 1
192: Rasputia_58
193: Dewdrop_62 + 1
194: Hendrix_59
195: PaulloDiaboli_89 + 1
196: Dodo_91
197: Erasmago_80 + 1
198: Big4_78
199: Cece_72
200: Pumpernickel_86

Pham 347031


201: FuzzBuster_33
202: Laure_84
203: Taptic_10 + 7
204: Pine5_15
205: Sunfish_33
206: TPA2_22
207: phiAsp2_15
208: Tonitrus_31
209: Kithara_26
210: TurkishDelight_18

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 347031 Report

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

Pham number 347031 has 892 members, 105 are drafts.

Phages represented in each track:
• Track 1 : Sejanus_11
• Track 2 : Caterpie_10
• Track 3 : Mao1_10, Dori_11, Mask_11
• Track 4 : JohnLord_11
• Track 5 : Causa_20, StAugustine_18
• Track 6 : Ranunculus_21
• Track 7 : Wilde_21
• Track 8 : Tank_21
• Track 9 : Rizwana_20
• Track 10 : Hive_27, Odyssey395_29, RazzB_23, MellowYellow_24, Popstraw_25, Pureglobe5_29, Pointis_27, PhuzzTulsa_25, Kubulix_28, BetaFish_27, Beagle_28, RIPWilbur_25, DogYard_27
• Track 11 : NyleyClemson_22
• Track 12 : Nikan_23, Ren19_23
• Track 13 : Forrestell_24
• Track 14 : Ollypop_25
• Track 15 : BruhMoment_22
• Track 16 : SilentRX_22
• Track 17 : AWGoat_20
• Track 18 : Puhltonio_13, Soto_13, HSavage_13, Vectra_12, HenryJackson_12, Sheila_13, Gyarad_0013, Cornobble_12, Fringe_13, Numberten_13, Vaishali24_12, Azuria_12, Doddsville_13, OliverWalter_13, Dione_12, Mesmerelda_12, FluffyNinja_13, Chaelin_12, Yoshand_13, Etaye_13, Virgeve_12, Toni_12, Kiwot_12, Vivaldi_13, Zaider_14, Simielle_12, Plmatters_13, Beaglebox_12, Newman_13, Khan1_12, Nehme_12, AbsoluteMadLad_12, Karn_12, JakeO_12, CheetO_13, Piglet_0012, Squid_13, CamL_13, Daffy_13, Chuni_13, Roscoe_14, Antonia_12, Mosaic_12, DelRivs_12, Serpentine_0013, Prickles_13, KlimbOn_13, SallyH_13, BlueHusk_13, Hamish_13, Suffolk_13, ShadowBud_13, Mikota_13, Rimu_13, ThreeOh3D2_13, Salazzle_12, Sophia_12, Grand2040_12, DonSanchon_12, PhatLouie_13, Badfish_13, FugateOSU_12, Jesabah_13, Solosis_12, Mutante_12, Keitherie_13, Septica_12, Crownjwl_13, Maru_12, Aelin_12, Serendipity_13, Inchworm_13, Placalicious_12, Dati_13, Flake_13, Haimas_13, DirtJuice_13, Oline_12, Jiraiya_12, Riverton_13, Orwigg_12, Jillium_12, Altwerkus_12, Nicole21_13, Chorkpop_13, Hetaeria_13, Carthage_12, Slatt_13, Podrick_13, Burr_12, Selr12_13, MrPhizzler_13, DaddyDaniels_13, Chipette_14, Valjean_13, Virapocalypse_13, Pipsqueak_13, UncleHowie_13, Pherdinand_13, Childish_12, NiaNia_13, MiniBoss_13, Aonishiki_13, Soile_13, Ricotta_12, Mulan_12, Duggie_12,

IsaacEli_13, OSmaximus_13, Schueller_12, Gophee_13, Gwilliam_13, Horchata_13, RedRaider89_14, Magic8_13, Morgushi_13, Timmi_12, KLucky39_13, Olak_12, FleetyMac_13, Boehler_13, Thunderbird_12, PinheadLarry_13, Vista_13, JangoPhett_13, DoesntMatter_13, SDcharge11_13, BlackStallion_13, Durga_13, Riggan_13, Bishoperium_12, UAch1_13, Mesh1_13, Mecca_12, Fang_13, Happabalu_13, TomBombadil_13, Quisquiliae_13, Phipps_13, Craff_13, Kwadwo_12, Melc17_13, Lulwa_13, Manad_12, PhrodoBaggins_12, OneBrain_13, Phamished_13, Gareth_12, Kwksand96_12, Dice_12, JDog_12, GreenChile_13, Robyn_12, FriarPreacher_13, Cannibal_13, Scoot17C_13, Lasso_13, LostAndPhound_12, Lopsy_12, Schadenfreude_12, Katniss_13, Tooj_13, TallGrassMM_13, Kimbrough_13, Haleema_12, Freya_12, ProfessorX_13, Pacifista_12, AltPhacts_13, Orion_13, Xavier_12, SassyCat97_12, Emiris_13, Charles1_13, PG1_13, Vortex_13, Cobra_13, Megatron_13, Iridessa_13, Telesworld_12, Omniscient_13, LeeLot_13, Giraffe_13, QueenBeane_13, Murdoc_13, DolOn_14, KingTut_12, Iridoclysis_13, Vaticameos_13, ElvisPhasley_13, Brilliant_13, Bluephacebaby_12, Potter_12, Kikipoo_13, Pops_13, Chunky_13, EmGer13_12, Held_13, FremontTroll_12, Mana_12, Nacho_0013, CampRoach_13, Dingo_13, Oosterbaan_13, Windsor_12, Roliet_13, Anderson_13, Harvey_13, Lego3393_13, Legolas_12, Tomlarah_13, MitKao_13, GeneCoco_13, Spartan300_13, Phareon_13, LemonSlice_13, HogWash_12, SilverBell_13, Triad_13, Inverness_13, Hertubise_13, Fozzie_12, Jiminy_12, Zelda_13, Banjo_12, EmpTee_13, Samaymay_13, SirBeauregard_12, Morty_13, Eugenia_13, Adriana_13, MRabcd_12, Thora_13, HighStump_12, LasagnaCat_13, Frankicide_13, Eremos_13, Hekos_12, Basato_14, Cornbread_12, Apizium_12, LuckyMarjie_12, Daka_13, Matalotodo_13, Nyala_12, Larson_14, KingVeVeVe_13, Cher_12, Buckeye_13, TooFast2Furius_14, Aleia_13, Trypo_13, Colbert_13, RedMaple_12, Plata_12, Skippy_13, Kahve_12, Usavi_13, Swiphy_13, LeiMonet_13, Weher20_13, Chah_13, Squiggle_13, YouGoGlencoco_13, Nova1_12, Surely_13, Cosmolli16_12, Megamind20_13, Mcshane_12, Kloppinator_13, Lehmann_13, Nathan_13, PhatCats2014_13

• Track 19 : Phergie_12, Struggle_12, Jbug01_13, JacAttac_13, Orfeu_12, Pinkman_12, Andre_13, Hocus_12, Hartsy_13, ABU_13, AngelCake_13, PhenghisKhan_12, ImtiyazSitla_12, Roy17_13, Maskar_12, BlacksBerry_12, Labeouficaum_12, CharlieGBrown_12, BatteryCK_12, Swish_13, Gwennie1_13, DuchessDung_12, Phleuron_12, Derpp_12, MichaelPhcott_12, PhrankReynolds_12, PallasAthena_12, TyrionL_12, True_12, Taraxa_13, Sigman_13, MelsMeow_12, Waterdiva_13, Wallhey_12, Chute_13, Mag7_12, Ashraf_12, Lulumae_12, BoogieWoogie_13, Olive_13, Longacauda_12, Lumine_12, Kailash_13, Zonia_13, Caspiboi_12, Scrick_12, Veritas_12, Coletti_13, Phunky_13, ShiVal_13
• Track 20 : Imvubu_10
• Track 21 : Indlovu_13
• Track 22 : LilMcDreamy_14
• Track 23 : Zenteno07_18
• Track 24 : BirdsNest_18
• Track 25 : LittleMinkey_19
• Track 26 : Hashim76_18
• Track 27 : Arbiter_16, Kheth_16, Ares_16, Eaglehorse_16, ItsyBitsy1_16, Lephleur_16, Calamitous_16, Blocker23_16, Phantasmagoria_16, Boyle_16, Rhinoforte_16, Faze9_16, Bananafish_16, TA17A_16, Lars_16, Kaleb_16, Tres_16, Brownie5_16, Rosebush_16, Tinciduntsolum_17, Qyrzula_15, LilSmirk_16, West99_16, Hedgerow_16, Kolhan_16, Sabella_16, MasterPo_16, Opia_16, Allegro_16
• Track 28 : LizLemon_16, Laurie_16, Vic9_00016, PrinceCharming_16, Glass_16
• Track 29 : FrenchFry_16

• Track 30 : Godines_16, Holeinone_16, Coffee_16
• Track 31 : Jackstina_14, Yinz_15, Pipefish_15, Shenandoah_15, HarveySr_15, Briakila_15, Compostia_16, Heathcliff_15, Daisy_15, Corofin_15, RomaT_15, SlippinJimmy_15, Philly_14, Olivio_14, Chandler_15, LestyG_15
• Track 32 : Gervas_15, SynergyX_15, GlenHope_16, RagingRooster_15, Chentzyk_14, Audrey_15, Bernardo_15, Casbah_14, Baloo_15, Ben11_14, Neos5_15, Gadjet_16, Deenasa_15, Chalmers_15, SwainyDoc_15, Kronus_14, Halfpint_14, Athena_16, Nozo_15, ChaChing_15, Akoma_15, Rita1961_15, Yahalom_15, Morty007_15, Glubnar_15, Mortcellus_14, Marlia_15, Kamiyu_15, Mulaychimus_15, Marley1013_15, OrangeOswald_15, Phlyer_15, Tydolla_15, TinyTerror_15, Abinghost_15, Devonte_15, Obutu_15, MmasiCarm_15, Phayeta_15, Phaedrus_14
• Track 33 : BobbyK_13, Frederick_13
• Track 34 : Austelle_14, RawrgerThat_13, Hydro_13, JoyceMaria_13, Mithril_13, Lolalove_13, Hangman_13, Zemanar_14, Waleliano_13, BrownCNA_14
• Track 35 : Xincheng_13
• Track 36 : Hally898_12, Nanao_12, Lambano_12, Epah_12, Poster_12, GinPorsche_12, Antihero_12, Ahwei_12
• Track 37 : JaguarMi_14
• Track 38 : Nigel_11, JAMaL_13
• Track 39 : Fortunato_13, Apex_13, Magpie_13, VioletZ_13
• Track 40 : ChrisnMich_12
• Track 41 : AlanGrant_14, Vincenzo_14
• Track 42 : Cooper_13
• Track 43 : Mudslide_13, Prince_13
• Track 44 : Heath_13
• Track 45 : Renkei_12, LittleDigger_12
• Track 46 : Stinger_11
• Track 47 : Fanaw_13
• Track 48 : QueenPie_13
• Track 49 : DigitDog_14, Shenyu_14, Nangang_14
• Track 50 : KarasumaRum_15, StinkyVeggy_15
• Track 51 : Rich_14, Baee_14
• Track 52 : Donny_14, Suigeneris_14, Acadian_14, SirJeffery_14
• Track 53 : Nehemiah_13, Reprobate_14, Phelemich_14, Mysterious_14
• Track 54 : Reccee_14
• Track 55 : Serendipitous_14
• Track 56 : Rita130_14
• Track 57 : EastView9101_14
• Track 58 : 39HC_011, 40BC_011, Hosp_09
• Track 59 : Minnow_12
• Track 60 : ForDig_11, Jolie1_011
• Track 61 : KayaCho_11
• Track 62 : Saguaro_15
• Track 63 : Thonko_14
• Track 64 : PenguinLover67_16
• Track 65 : Knocker_18
• Track 66 : Quesadilla_15
• Track 67 : Funsized_18
• Track 68 : CRB2_16
• Track 69 : Rinkes_18
• Track 70 : Xkcd426_15
• Track 71 : TP1604_14, Asis_14, BayC_14, BabyGotBac_14, Maih_14, Salete_14

• Track 72 : Mischief19_16
• Track 73 : Abt2graduatex2_15
• Track 74 : YDN12_15
• Track 75 : RainyPolka_15
• Track 76 : Makar_46
• Track 77 : Purplicious_43
• Track 78 : Grumio_45, Stillion_44, Sting_44, KingstonB_43, DonTron_45, Soos_41
• Track 79 : Clawz_45
• Track 80 : Jollymon_45, ColdSoup_46, Amo99_46
• Track 81 : Mutzi_22, TillyBobJoe_20, Egi03_20, ClamChowder_22, Sendy_21, Gezellig_20, KimmyK_22, PinkCoffee_22, Evamon_20, Jambalaya_20, Salvador_20, Arri_23, VanDeWege_23, Valary_23, Togo_20, Danyall_22, JohnPork_20, CherryCola_23, Twister6_22, Phlop_20, Barb_22, Savbucketdawg_20, Wizard_20, RogerDodger_23, Portcullis_20, PullumCavea_20, Fugax_22, CoveyB_22, Nubi_20, Shinji_20, Fireball_21, SmokingBunny_20
• Track 82 : Bakery_21, Halo3_21, SharkTale_20, Sixsevenium_21
• Track 83 : YungMoney_22
• Track 84 : Clown_24
• Track 85 : Lennon_23, Bibwit_22, Barsten_22, Stultus_21, Sedona_23, Sitar_23
• Track 86 : Tycho_21, Gaea_21, Baumdotcom_21, Gustavo_21, Kwobi_23, Saronaya_21, YorkOnyx_22
• Track 87 : Ashertheman_22
• Track 88 : Sanjuju_19, ChadMasterC_21, Brawn1_19, Jabberwocky_19, Kamashten_22, Thing3_22
• Track 89 : Galadriel_23, MoontowerMania_20, McKinley_22, Rofo_21, Love_23, Vivi2_21, Nordenberg_16
• Track 90 : JKSyngboy_20, SchottB_20, LilHam_19
• Track 91 : Flatwoods_22, Derg_17, Stichling_20
• Track 92 : Tangent_19, Shivanishola_21, Charming_19, McCrothy_22, BobBob_19
• Track 93 : Kewpiedoll_22, Geodirt_20
• Track 94 : Ailee_21, Keitabear_23
• Track 95 : Affeca_21, Angelicage_21, Fitzgerald_19
• Track 96 : Fosterous_19
• Track 97 : RiverRaider_22
• Track 98 : Bizzy_22
• Track 99 : Kroos_22, Tangerine_21, StorminNorm_21
• Track 100 : Paries_22, Brandonk123_23
• Track 101 : Ribeye_22
• Track 102 : Baddon_21
• Track 103 : FuegoCuervo_24
• Track 104 : Leonard_22, Ali17_20, Phinally_22
• Track 105 : Belphegor_19
• Track 106 : Hans_24, Phauci_15, Inspectinfecti_23
• Track 107 : MelBins_23
• Track 108 : EMoore_17
• Track 109 : Tiamoceli_22, Chickadee_21
• Track 110 : EdmundFerry_20, RoadKill_19
• Track 111 : Dexdert_22
• Track 112 : Kwekel_21
• Track 113 : GTE6_21
• Track 114 : Twonlo_19
• Track 115 : Pumpkiney_24
• Track 116 : Scioto_22, Natkenzie_22, Abblin_22, Sampson_22

• Track 117 : APunk_24
• Track 118 : Zipp_22, Delrey21_22, DoctorFroggo_22, Verity_22
• Track 119 : Zitch_24, BigHunkinEater_25
• Track 120 : ViaConlectus_23
• Track 121 : Tardus_23
• Track 122 : Lilbeanie_19
• Track 123 : Phendrix_75
• Track 124 : GodonK_77
• Track 125 : Evaa_13
• Track 126 : Wooper_14, TraderJ_14, CaiB_14, MakoManhole_14, FelixTres_14, MossRose_14, AnarQue_14
• Track 127 : Fresco_12, Ligma_12, Axumite_12, Shatter_12
• Track 128 : Blackpen_14
• Track 129 : Sisko_12, Yago84_12
• Track 130 : AksarBAT_12, NHagos_12
• Track 131 : AnClar_12
• Track 132 : CharlottesWeb_12, Coco2012_12, Mariokart_12, JellyBelly_12
• Track 133 : Coldpizza_14
• Track 134 : BobRoss2024_11
• Track 135 : LittleMunchkin_13
• Track 136 : CloverMinnie_14
• Track 137 : Yeshua_14
• Track 138 : Sour_15
• Track 139 : BiggityBass_11
• Track 140 : BlueNGold_87, Boopy_88, Forza_88, Mareelih_86
• Track 141 : GMA2_17
• Track 142 : Sixama_82
• Track 143 : Shrubaron_28, RobsFeet_29, Metamorphoo_28
• Track 144 : LittleFortune_29
• Track 145 : Jefe_28, Yeti_28, Hermeonysus_27, Onika_27, Phrancesco_28, BrazzalePHS_27, Germa_29, Kowalski_27, Cranjis_29, Jollipop_28, Pulchra_29, Glorp_29, Shotgun_27, Paschalis_27, Rockwell_27, Ramiel05_27, Phorgeous_27, Piperis_28, Honeyfin_29, Quhwah_31, PiperSansNom_28, Savannah_27, Selwyn23_29, Antares_28, Scumberland_29, CrazyRich_27
• Track 146 : KaiHaiDragon_28, Crisis_29
• Track 147 : Nicole72_23
• Track 148 : Gina_29, Teamocil_29
• Track 149 : NoodlelyBoi_28
• Track 150 : Skugga_26
• Track 151 : Lucretia_28, BeagleBug_27, PhedwardCullen_27
• Track 152 : Megan_22
• Track 153 : PierreOrion_28, Ganandorf_27
• Track 154 : Smarties_36, Ariadne_36
• Track 155 : Tyrumbra_26, Fireman_28
• Track 156 : ClearAsMud_30, SirFrank_27
• Track 157 : Busephilis_27
• Track 158 : EarickHC_28
• Track 159 : Merry_, Sunny_
• Track 160 : Statler_27
• Track 161 : Quammi_24, Teehee_27, FrankDeliGuy_23, Lonelysoil_25, Wayne3_27, Rudy_24, Sillytadpoles_25, Phabia_26, ZestyBestie_24, Casend_27, Jehoshaphat_28, Viceroy_25, Llemily_25, Zhafia_28, Wheelie_25, DonaldDuck_25
• Track 162 : Zagie_26, SlySloth_28, Nike_26, BabyDotz_25, Rowlf_22

• Track 163 : Tempo_25, Romm_27, CandC_24, RobinRose_27, KillerQueen_26, Kelcole_24, Fregley_26
• Track 164 : OneinaGillian_25
• Track 165 : Hyperion_25, Grassboy_27, Mashley_24, StrawberryJamm_28, AluminumJesus_24, Namago_26, Mentos_28, Kyva_28, Gazebo_25
• Track 166 : BaconCheese_28, Mila11_28, WheelerS25_31, MorillMayhem_26
• Track 167 : Wilca_25, BirdInFrench_25, Spiderpig_25, Pepe25_24
• Track 168 : Squash_28
• Track 169 : Blab_24, Tissue_26, SallyK_27
• Track 170 : Judebell_28
• Track 171 : SadLad_30, Fransoyer_28, RubyRalph_28
• Track 172 : LilCahh_25, EverythinBagel_25
• Track 173 : Phinky_32
• Track 174 : Altheas_28
• Track 175 : Fizzles_26
• Track 176 : Marcie_30
• Track 177 : Margaery_23
• Track 178 : Terij_24
• Track 179 : Cressida_25
• Track 180 : MementoMori_24
• Track 181 : Cinna_23, Matzah_24
• Track 182 : KSunshine22_77, Ellewin_71, BooTeria_73, Emmetator_75, Artu_73, DunneganBoMo_72, WaddleDee_70
• Track 183 : Phrampa_74
• Track 184 : Rockabye_81
• Track 185 : Talia1610_82, Racecar_83, FloraSnap32_79, Bloom_86, Mimi_82, FrostedClock_81, Patbob_81, GoldenEssence_68
• Track 186 : Chilliams_79
• Track 187 : SJReid_85
• Track 188 : Atuin_77, ReginaGlobina_82, LeoJr_82
• Track 189 : Panchaali_75
• Track 190 : Stewart25555_73
• Track 191 : RomansRevenge_17, Boise_17
• Track 192 : Rasputia_58
• Track 193 : Dewdrop_62, Leaf_62
• Track 194 : Hendrix_59
• Track 195 : PauloDiaboli_89, A3Wally_89
• Track 196 : Dodo_91
• Track 197 : Erasmago_80, Zooman_74
• Track 198 : Big4_78
• Track 199 : Cece_72
• Track 200 : Pumpernickel_86
• Track 201 : FuzzBuster_33
• Track 202 : Laure_84
• Track 203 : Taptic_10, Argie_11, D12_10, PR_10, Megabear_10, Jeon_10, Cepens_10, GodPhather_11
• Track 204 : Pine5_15
• Track 205 : Sunfish_33
• Track 206 : TPA2_22
• Track 207 : phiAsp2_15
• Track 208 : Tonitrus_31
• Track 209 : Kithara_26
• Track 210 : TurkishDelight_18

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

The start number called the most often in the published annotations is 33, it was called in 380 of the 787 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 39HC_011, 40BC_011, ABU_13, AbsoluteMadLad_12, Acadian_14, Adriana_13, Aelin_12, Ahwei_12, AksarBAT_12, AlanGrant_14, Aleia_13, AltPhacts_13, Altwerkus_12, Amo99_46, AnClar_12, AnarQue_14, Anderson_13, Andre_13, AngelCake_13, Antihero_12, Antonia_12, Aonishiki_13, Apex_13, Apizium_12, Ashraf_12, Austelle_14, Axumite_12, Azuria_12, Badfish_13, Baee_14, Banjo_12, Basato_14, BatteryCK_12, Beaglebox_12, BiggityBass_11, BirdsNest_18, Bishoperium_12, BlackStallion_13, Blackpen_14, BlacksBerry_12, BlueHusk_13, Bluephacebaby_12, BobRoss2024_11, BobbyK_13, Boehler_13, BoogieWoogie_13, Brilliant_13, BrownCNA_14, Buckeye_13, Burr_12, CaiB_14, CamL_13, CampRoach_13, Cannibal_13, Carthage_12, Caspiboi_12, Causa_20, Chaelin_12, Chah_13, Charles1_13, CharlieGBrown_12, CharlottesWeb_12, CheetO_13, Cher_12, Childish_12, Chipette_14, Chorkpop_13, ChrisnMich_12, Chuni_13, Chunky_13, Chute_13, Clawz_45, CloverMinnie_14, Cobra_13, Coco2012_12, Colbert_13, ColdSoup_46, Coldpizza_14, Coletti_13, Cooper_13, Cornbread_12, Cornobble_12, Cosmolli16_12, Craff_13, Crownjwl_13, DaddyDaniels_13, Daffy_13, Daka_13, Dati_13, DelRivs_12, Derpp_12, Dice_12, DigitDog_14, Dingo_13, Dione_12, DirtJuice_13, Doddsville_13, DoesntMatter_13, DolOn_14, DonSanchon_12, DonTron_45, Donny_14, DuchessDung_12, Duggie_12, Durga_13, EastView9101_14, ElvisPhasley_13, EmGer13_12, Emiris_13, EmpTee_13, Epah_12, Eremos_13, Etaye_13, Eugenia_13, Evaa_13, Fanaw_13, Fang_13, FelixTres_14, Flake_13, FleetyMac_13, FluffyNinja_13, ForDig_11, Fortunato_13, Fozzie_12, Frankicide_13, Frederick_13, FremontTroll_12, Fresco_12, Freya_12, FriarPreacher_13, Fringe_13, FugateOSU_12, Funsized_18, Gareth_12, GeneCoco_13, GinPorsche_12, Giraffe_13, Gophee_13, Grand2040_12, GreenChile_13, Grumio_45, Gwennie1_13, Gwilliam_13, Gyarad_0013, HSavage_13, Haimas_13, Haleema_12, Hally898_12, Hamish_13, Hangman_13, Happabalu_13, Hartsy_13, Harvey_13, Hashim76_18, Heath_13, Hekos_12, Held_13, HenryJackson_12, Hertubise_13, Hetaeria_13, HighStump_12, Hocus_12, HogWash_12, Horchata_13, Hosp_09, Hydro_13, ImtiyazSitla_12, Imvubu_10, Inchworm_13, Inverness_13, Iridessa_13, Iridoclysis_13, IsaacEli_13, JAMaL_13, JDog_12, JacAttac_13, JaguarMi_14, JakeO_12, JangoPhett_13, Jbug01_13, JellyBelly_12, Jesabah_13, Jillium_12, Jiminy_12, Jiraiya_12, Jolie1_011, Jollymon_45, JoyceMaria_13, KLucky39_13, Kahve_12, Kailash_13, KarasumaRum_15, Karn_12, Katniss_13, KayaCho_11, Keitherie_13, Khan1_12, Kikipoo_13, Kimbrough_13, KingTut_12, KingVeVeVe_13, KingstonB_43, Kiwot_12, KlimbOn_13, Kloppinator_13, Knocker_18, Kwadwo_12, Kwksand96_12, Labeouficaum_12, Lambano_12, Larson_14, LasagnaCat_13, Lasso_13, LeeLot_13, Lego3393_13, Legolas_12, Lehmann_13, LeiMonet_13, LemonSlice_13, Ligma_12, LilMcDreamy_14, LittleDigger_12, LittleMinkey_19, LittleMunchkin_13, Lolalove_13, Longacauda_12, Lopsy_12, LostAndPhound_12, LuckyMarjie_12, Lulumae_12, Lulwa_13, Lumine_12, MRabcd_12, Mag7_12, Magic8_13, Magpie_13, Makar_46, MakoManhole_14, Mana_12, Manad_12, Mariokart_12, Maru_12, Maskar_12, Matalotodo_13, Mcshane_12, Mecca_12, Megamind20_13, Megatron_13,

Melc17_13, MelsMeow_12, Mesh1_13, Mesmerelda_12, MichaelPhcott_12, Mikota_13, MiniBoss_13, Minnow_12, MitKao_13, Mithril_13, Morgushi_13, Morty_13, Mosaic_12, MossRose_14, MrPhizzler_13, Mudslide_13, Mulan_12, Murdoc_13, Mutante_12, Mysterious_14, NHagos_12, Nacho_0013, Nanao_12, Nangang_14, Nathan_13, Nehemiah_13, Nehme_12, Newman_13, NiaNia_13, Nicole21_13, Nigel_11, Nova1_12, Numberten_13, Nyala_12, OSmaximus_13, Olak_12, Oline_12, Olive_13, OliverWalter_13, Omniscient_13, OneBrain_13, Oosterbaan_13, Orfeu_12, Orion_13, Orwigg_12, PG1_13, Pacifista_12, PallasAthena_12, Phamished_13, Phareon_13, PhatCats2014_13, PhatLouie_13, Phelemich_14, PhenghisKhan_12, Pherdinand_13, Phergie_12, Phipps_13, Phleuron_12, PhrankReynolds_12, PhrodoBaggins_12, Phunky_13, Piglet_0012, PinheadLarry_13, Pinkman_12, Pipsqueak_13, Placalicious_12, Plata_12, Plmatters_13, Podrick_13, Pops_13, Poster_12, Potter_12, Prickles_13, Prince_13, ProfessorX_13, Puhltonio_13, Purplicious_43, QueenBeane_13, QueenPie_13, Quisquiliae_13, RawrgerThat_13, Reccee_14, RedMaple_12, RedRaider89_14, Renkei_12, Reprobate_14, Rich_14, Ricotta_12, Riggan_13, Rimu_13, Rinkes_18, Rita130_14, Riverton_13, Robyn_12, Roliet_13, Roscoe_14, Roy17_13, SDcharge11_13, Salazzle_12, SallyH_13, Samaymay_13, SassyCat97_12, Schadenfreude_12, Schueller_12, Scoot17C_13, Scrick_12, Selr12_13, Septica_12, Serendipitous_14, Serendipity_13, Serpentine_0013, ShadowBud_13, Shatter_12, Sheila_13, Shenyu_14, ShiVal_13, Sigman_13, SilverBell_13, Simielle_12, SirBeauregard_12, SirJeffery_14, Sisko_12, Skippy_13, Slatt_13, Soile_13, Solosis_12, Soos_41, Sophia_12, Soto_13, Spartan300_13, Squid_13, Squiggle_13, StAugustine_18, Stillion_44, Sting_44, Stinger_11, StinkyVeggy_15, Struggle_12, Suffolk_13, Suigeneris_14, Surely_13, Swiphy_13, Swish_13, TPA2_22, TallGrassMM_13, Taraxa_13, Telesworld_12, Thonko_14, Thora_13, ThreeOh3D2_13, Thunderbird_12, Timmi_12, TomBombadil_13, Tomlarah_13, Toni_12, Tonitrus_31, TooFast2Furius_14, Tooj_13, TraderJ_14, Triad_13, True_12, Trypo_13, TyrionL_12, UAch1_13, UncleHowie_13, Usavi_13, Vaishali24_12, Valjean_13, Vaticameos_13, Vectra_12, Veritas_12, Vincenzo_14, VioletZ_13, Virapocalypse_13, Virgeve_12, Vista_13, Vivaldi_13, Vortex_13, Waleliano_13, Wallhey_12, Waterdiva_13, Weher20_13, Windsor_12, Wooper_14, Xavier_12, Xincheng_13, Yago84_12, Yeshua_14, Yoshand_13, YouGoGlencoco_13, Zaider_14, Zelda_13, Zemanar_14, Zenteno07_18, Zonia_13,

Genes that have the "Most Annotated" start but do not call it:
• Sour_15,

Genes that do not have the "Most Annotated" start:
• A3Wally_89, APunk_24, AWGoat_20, Abblin_22, Abinghost_15, Abt2graduatex2_15, Affeca_21, Ailee_21, Akoma_15, Ali17_20, Allegro_16, Altheas_28, AluminumJesus_24, Angelicage_21, Antares_28, Arbiter_16, Ares_16, Argie_11, Ariadne_36, Arri_23, Artu_73, Ashertheman_22, Asis_14, Athena_16, Atuin_77, Audrey_15, BabyDotz_25, BabyGotBac_14, BaconCheese_28, Baddon_21, Bakery_21, Baloo_15, Bananafish_16, Barb_22, Barsten_22, Baumdotcom_21, BayC_14, BeagleBug_27, Beagle_28, Belphegor_19, Ben11_14, Bernardo_15, BetaFish_27, Bibwit_22, Big4_78, BigHunkinEater_25, BirdInFrench_25, Bizzy_22, Blab_24, Blocker23_16, Bloom_86, BlueNGold_87, BobBob_19, Boise_17, BooTeria_73, Boopy_88, Boyle_16, Brandonk123_23, Brawn1_19, BrazzalePHS_27, Briakila_15, Brownie5_16, BruhMoment_22, Busephilis_27, CRB2_16, Calamitous_16, CandC_24, Casbah_14, Casend_27, Caterpie_10, Cece_72, Cepens_10, ChaChing_15, ChadMasterC_21, Chalmers_15, Chandler_15, Charming_19, Chentzyk_14, CherryCola_23, Chickadee_21,

Chilliams_79, Cinna_23, ClamChowder_22, ClearAsMud_30, Clown_24, Coffee_16, Compostia_16, Corofin_15, CoveyB_22, Cranjis_29, CrazyRich_27, Cressida_25, Crisis_29, D12_10, Daisy_15, Danyall_22, Deenasa_15, Delrey21_22, Derg_17, Devonte_15, Dewdrop_62, Dexdert_22, DoctorFroggo_22, Dodo_91, DogYard_27, DonaldDuck_25, Dori_11, DunneganBoMo_72, EMoore_17, Eaglehorse_16, EarickHC_28, EdmundFerry_20, Egi03_20, Ellewin_71, Emmetator_75, Erasmago_80, Evamon_20, EverythinBagel_25, Faze9_16, Fireball_21, Fireman_28, Fitzgerald_19, Fizzles_26, Flatwoods_22, FloraSnap32_79, Forrestell_24, Forza_88, Fosterous_19, FrankDeliGuy_23, Fransoyer_28, Fregley_26, FrenchFry_16, FrostedClock_81, FuegoCuervo_24, Fugax_22, FuzzBuster_33, GMA2_17, GTE6_21, Gadjet_16, Gaea_21, Galadriel_23, Ganandorf_27, Gazebo_25, Geodirt_20, Germa_29, Gervas_15, Gezellig_20, Gina_29, Glass_16, GlenHope_16, Glorp_29, Glubnar_15, GodPhather_11, Godines_16, GodonK_77, GoldenEssence_68, Grassboy_27, Gustavo_21, Halfpint_14, Halo3_21, Hans_24, HarveySr_15, Heathcliff_15, Hedgerow_16, Hendrix_59, Hermeonysus_27, Hive_27, Holeinone_16, Honeyfin_29, Hyperion_25, Indlovu_13, Inspectinfecti_23, ItsyBitsy1_16, JKSyngboy_20, Jabberwocky_19, Jackstina_14, Jambalaya_20, Jefe_28, Jehoshaphat_28, Jeon_10, JohnLord_11, JohnPork_20, Jollipop_28, Judebell_28, KSunshine22_77, KaiHaiDragon_28, Kaleb_16, Kamashten_22, Kamiyu_15, Keitabear_23, Kelcole_24, Kewpiedoll_22, Kheth_16, KillerQueen_26, KimmyK_22, Kithara_26, Kolhan_16, Kowalski_27, Kronus_14, Kroos_22, Kubulix_28, Kwekel_21, Kwobi_23, Kyva_28, Lars_16, Laure_84, Laurie_16, Leaf_62, Lennon_23, LeoJr_82, Leonard_22, Lephleur_16, LestyG_15, LilCahh_25, LilHam_19, LilSmirk_16, Lilbeanie_19, LittleFortune_29, LizLemon_16, Llemily_25, Lonelysoil_25, Love_23, Lucretia_28, Maih_14, Mao1_10, Marcie_30, Mareelih_86, Margaery_23, Marley1013_15, Marlia_15, Mashley_24, Mask_11, MasterPo_16, Matzah_24, McCrothy_22, McKinley_22, Megabear_10, Megan_22, MelBins_23, MellowYellow_24, MementoMori_24, Mentos_28, Merry_, Metamorphoo_28, Mila11_28, Mimi_82, Mischief19_16, MmasiCarm_15, MoontowerMania_20, MorillMayhem_26, Mortcellus_14, Morty007_15, Mulaychimus_15, Mutzi_22, Namago_26, Natkenzie_22, Neos5_15, Nicole72_23, Nikan_23, Nike_26, NoodlelyBoi_28, Nordenberg_16, Nozo_15, Nubi_20, NyleyClemson_22, Obutu_15, Odyssey395_29, Olivio_14, Ollypop_25, OneinaGillian_25, Onika_27, Opia_16, OrangeOswald_15, PR_10, Panchaali_75, Paries_22, Paschalis_27, Patbob_81, PauloDiaboli_89, PenguinLover67_16, Pepe25_24, Phabia_26, Phaedrus_14, Phantasmagoria_16, Phauci_15, Phayeta_15, PhedwardCullen_27, Phendrix_75, Philly_14, Phinally_22, Phinky_32, Phlop_20, Phlyer_15, Phorgeous_27, Phrampa_74, Phrancesco_28, PhuzzTulsa_25, PierreOrion_28, Pine5_15, PinkCoffee_22, Pipefish_15, PiperSansNom_28, Piperis_28, Pointis_27, Popstraw_25, Portcullis_20, PrinceCharming_16, Pulchra_29, PullumCavea_20, Pumpernickel_86, Pumpkiney_24, Pureglobe5_29, Quammi_24, Quesadilla_15, Quhwah_31, Qyrzula_15, RIPWilbur_25, Racecar_83, RagingRooster_15, RainyPolka_15, Ramiel05_27, Ranunculus_21, Rasputia_58, RazzB_23, ReginaGlobina_82, Ren19_23, Rhinoforte_16, Ribeye_22, Rita1961_15, RiverRaider_22, Rizwana_20, RoadKill_19, RobinRose_27, RobsFeet_29, Rockabye_81, Rockwell_27, Rofo_21, RogerDodger_23, RomaT_15, RomansRevenge_17, Romm_27, Rosebush_16, Rowlf_22, RubyRalph_28, Rudy_24, SJReid_85, Sabella_16, SadLad_30, Saguaro_15, Salete_14, SallyK_27, Salvador_20, Sampson_22, Sanjuju_19, Saronaya_21, Savannah_27, Savbucketdawg_20, SchottB_20, Scioto_22, Scumberland_29, Sedona_23, Sejanus_11, Selwyn23_29, Sendy_21, SharkTale_20, Shenandoah_15, Shinji_20, Shivanishola_21, Shotgun_27, Shrubaron_28, SilentRX_22, Sillytadpoles_25, SirFrank_27, Sitar_23, Sixama_82, Sixsevenium_21, Skugga_26, SlippinJimmy_15,

SlySloth_28, Smarties_36, SmokingBunny_20, Spiderpig_25, Squash_28, Statler_27, Stewart25555_73, Stichling_20, StorminNorm_21, StrawberryJamm_28, Stultus_21, Sunfish_33, Sunny_, SwainyDoc_15, SynergyX_15, TA17A_16, TP1604_14, Talia1610_82, Tangent_19, Tangerine_21, Tank_21, Taptic_10, Tardus_23, Teamocil_29, Teehee_27, Tempo_25, Terij_24, Thing3_22, Tiamoceli_22, TillyBobJoe_20, Tinciduntsolum_17, TinyTerror_15, Tissue_26, Togo_20, Tres_16, TurkishDelight_18, Twister6_22, Twonlo_19, Tycho_21, Tydolla_15, Tyrumbra_26, Valary_23, VanDeWege_23, Verity_22, ViaConlectus_23, Vic9_00016, Viceroy_25, Vivi2_21, WaddleDee_70, Wayne3_27, West99_16, WheelerS25_31, Wheelie_25, Wilca_25, Wilde_21, Wizard_20, Xkcd426_15, YDN12_15, Yahalom_15, Yeti_28, Yinz_15, YorkOnyx_22, YungMoney_22, Zagie_26, ZestyBestie_24, Zhafia_28, Zipp_22, Zitch_24, Zooman_74, phiAsp2_15,

Summary by start number:

Start 24:
• Found in 1 of 892 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sour_15 (DR),

Start 25:
• Found in 3 of 892 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 787
• Called 66.7% of time when present
• Phage (with cluster) where this start called: CRB2_16 (B9), PenguinLover67_16 (B9),

Start 28:
• Found in 1 of 892 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Quesadilla_15 (B9),

Start 30:
• Found in 1 of 892 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Saguaro_15 (B7),

Start 32:
• Found in 38 of 892 (4.3%) of genes in pham
• Manual Annotations of this start: 37 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Allegro_16 (B2), Arbiter_16 (B2), Ares_16 (B2), Bananafish_16 (B2), Blocker23_16 (B2), Boyle_16 (B2), Brownie5_16 (B2), Calamitous_16 (B2), Coffee_16 (B2), Eaglehorse_16 (B2), Faze9_16 (B2), FrenchFry_16 (B2), Glass_16 (B2), Godines_16 (B2), Hedgerow_16 (B2), Holeinone_16 (B2), ItsyBitsy1_16 (B2), Kaleb_16 (B2), Kheth_16 (B2), Kolhan_16 (B2), Lars_16 (B2), Laurie_16 (B2), Lephleur_16 (B2), LilSmirk_16 (B2), LizLemon_16 (B2), MasterPo_16 (B2), Opia_16 (B2), Phantasmagoria_16 (B2), PrinceCharming_16 (B2), Qyrzula_15 (B2), Rhinoforte_16 (B2), Rosebush_16 (B2), Sabella_16 (B2), TA17A_16 (B2), Tinciduntsolum_17 (B2), Tres_16 (B2), Vic9_00016

(B2), West99_16 (B2),

Start 33:
• Found in 444 of 892 (49.8%) of genes in pham
• Manual Annotations of this start: 380 of 787
• Called 99.8% of time when present
• Phage (with cluster) where this start called: 39HC_011 (B6), 40BC_011 (B6), ABU_13 (B1), AbsoluteMadLad_12 (B1), Acadian_14 (B5), Adriana_13 (B1), Aelin_12 (B1), Ahwei_12 (B4), AksarBAT_12 (DR), AlanGrant_14 (B4), Aleia_13 (B1), AltPhacts_13 (B1), Altwerkus_12 (B1), Amo99_46 (CP), AnClar_12 (DR), AnarQue_14 (DR), Anderson_13 (B1), Andre_13 (B1), AngelCake_13 (B1), Antihero_12 (B4), Antonia_12 (B1), Aonishiki_13 (B1), Apex_13 (B4), Apizium_12 (B1), Ashraf_12 (B1), Austelle_14 (B4), Axumite_12 (DR), Azuria_12 (B1), Badfish_13 (B1), Baee_14 (B5), Banjo_12 (B1), Basato_14 (B1), BatteryCK_12 (B1), Beaglebox_12 (B1), BiggityBass_11 (DR), BirdsNest_18 (B13), Bishoperium_12 (B1), BlackStallion_13 (B1), Blackpen_14 (DR), BlacksBerry_12 (B1), BlueHusk_13 (B1), Bluephacebaby_12 (B1), BobRoss2024_11 (DR), BobbyK_13 (B4), Boehler_13 (B1), BoogieWoogie_13 (B1), Brilliant_13 (B1), BrownCNA_14 (B4), Buckeye_13 (B1), Burr_12 (B1), CaiB_14 (DR), CamL_13 (B1), CampRoach_13 (B1), Cannibal_13 (B1), Carthage_12 (B1), Caspiboi_12 (B1), Causa_20 (AI), Chaelin_12 (B1), Chah_13 (B1), Charles1_13 (B1), CharlieGBrown_12 (B1), CharlottesWeb_12 (DR), CheetO_13 (B1), Cher_12 (B1), Childish_12 (B1), Chipette_14 (B1), Chorkpop_13 (B1), ChrisnMich_12 (B4), Chuni_13 (B1), Chunky_13 (B1), Chute_13 (B1), Clawz_45 (CP), CloverMinnie_14 (DR), Cobra_13 (B1), Coco2012_12 (DR), Colbert_13 (B1), ColdSoup_46 (CP), Coldpizza_14 (DR), Coletti_13 (B1), Cooper_13 (B4), Cornbread_12 (B1), Cornobble_12 (B1), Cosmolli16_12 (B1), Craff_13 (B1), Crownjwl_13 (B1), DaddyDaniels_13 (B1), Daffy_13 (B1), Daka_13 (B1), Dati_13 (B1), DelRivs_12 (B1), Derpp_12 (B1), Dice_12 (B1), DigitDog_14 (B5), Dingo_13 (B1), Dione_12 (B1), DirtJuice_13 (B1), Doddsville_13 (B1), DoesntMatter_13 (B1), DolOn_14 (B1), DonSanchon_12 (B1), DonTron_45 (CP), Donny_14 (B5), DuchessDung_12 (B1), Duggie_12 (B1), Durga_13 (B1), EastView9101_14 (B5), ElvisPhasley_13 (B1), EmGer13_12 (B1), Emiris_13 (B1), EmpTee_13 (B1), Epah_12 (B4), Eremos_13 (B1), Etaye_13 (B1), Eugenia_13 (B1), Evaa_13 (DR), Fanaw_13 (B4), Fang_13 (B1), FelixTres_14 (DR), Flake_13 (B1), FleetyMac_13 (B1), FluffyNinja_13 (B1), ForDig_11 (B6), Fortunato_13 (B4), Fozzie_12 (B1), Frankicide_13 (B1), Frederick_13 (B4), FremontTroll_12 (B1), Fresco_12 (DR), Freya_12 (B1), FriarPreacher_13 (B1), Fringe_13 (B1), FugateOSU_12 (B1), Funsized_18 (B9), Gareth_12 (B1), GeneCoco_13 (B1), GinPorsche_12 (B4), Giraffe_13 (B1), Gophee_13 (B1), Grand2040_12 (B1), GreenChile_13 (B1), Grumio_45 (CP), Gwennie1_13 (B1), Gwilliam_13 (B1), Gyarad_0013 (B1), HSavage_13 (B1), Haimas_13 (B1), Haleema_12 (B1), Hally898_12 (B4), Hamish_13 (B1), Hangman_13 (B4), Happabalu_13 (B1), Hartsy_13 (B1), Harvey_13 (B1), Hashim76_18 (B13), Heath_13 (B4), Hekos_12 (B1), Held_13 (B1), HenryJackson_12 (B1), Hertubise_13 (B1), Hetaeria_13 (B1), HighStump_12 (B1), Hocus_12 (B1), HogWash_12 (B1), Horchata_13 (B1), Hosp_09 (B6), Hydro_13 (B4), ImtiyazSitla_12 (B1), Imvubu_10 (B10), Inchworm_13 (B1), Inverness_13 (B1), Iridessa_13 (B1), Iridoclysis_13 (B1), IsaacEli_13 (B1), JAMaL_13 (B4), JDog_12 (B1), JacAttac_13 (B1), JaguarMi_14 (B4), JakeO_12 (B1), JangoPhett_13 (B1), Jbug01_13 (B1), JellyBelly_12 (DR), Jesabah_13 (B1), Jillium_12 (B1), Jiminy_12 (B1), Jiraiya_12 (B1), Jolie1_011 (B6), Jollymon_45 (CP), JoyceMaria_13 (B4), KLucky39_13 (B1), Kahve_12 (B1), Kailash_13 (B1), KarasumaRum_15 (B5), Karn_12 (B1), Katniss_13 (B1), KayaCho_11 (B6), Keitherie_13 (B1), Khan1_12 (B1), Kikipoo_13 (B1), Kimbrough_13 (B1), KingTut_12 (B1), KingVeVeVe_13 (B1),

KingstonB_43 (CP), Kiwot_12 (B1), KlimbOn_13 (B1), Kloppinator_13 (B1), Knocker_18 (B9), Kwadwo_12 (B1), Kwksand96_12 (B1), Labeoufficaum_12 (B1), Lambano_12 (B4), Larson_14 (B1), LasagnaCat_13 (B1), Lasso_13 (B1), LeeLot_13 (B1), Lego3393_13 (B1), Legolas_12 (B1), Lehmann_13 (B1), LeiMonet_13 (B1), LemonSlice_13 (B1), Ligma_12 (DR), LilMcDreamy_14 (B12), LittleDigger_12 (B4), LittleMinkey_19 (B13), LittleMunchkin_13 (DR), Lolalove_13 (B4), Longacauda_12 (B1), Lopsy_12 (B1), LostAndPhound_12 (B1), LuckyMarjie_12 (B1), Lulumae_12 (B1), Lulwa_13 (B1), Lumine_12 (B1), MRabcd_12 (B1), Mag7_12 (B1), Magic8_13 (B1), Magpie_13 (B4), Makar_46 (CP), MakoManhole_14 (DR), Mana_12 (B1), Manad_12 (B1), Mariokart_12 (DR), Maru_12 (B1), Maskar_12 (B1), Matalotodo_13 (B1), Mcshane_12 (B1), Mecca_12 (B1), Megamind20_13 (B1), Megatron_13 (B1), Melc17_13 (B1), MelsMeow_12 (B1), Mesh1_13 (B1), Mesmerelda_12 (B1), MichaelPhcott_12 (B1), Mikota_13 (B1), MiniBoss_13 (B1), Minnow_12 (B6), MitKao_13 (B1), Mithril_13 (B4), Morgushi_13 (B1), Morty_13 (B1), Mosaic_12 (B1), MossRose_14 (DR), MrPhizzler_13 (B1), Mudslide_13 (B4), Mulan_12 (B1), Murdoc_13 (B1), Mutante_12 (B1), Mysterious_14 (B5), NHagos_12 (DR), Nacho_0013 (B1), Nanao_12 (B4), Nangang_14 (B5), Nathan_13 (B1), Nehemiah_13 (B5), Nehme_12 (B1), Newman_13 (B1), NiaNia_13 (B1), Nicole21_13 (B1), Nigel_11 (B4), Nova1_12 (B1), Numberten_13 (B1), Nyala_12 (B1), OSmaximus_13 (B1), Olak_12 (B1), Oline_12 (B1), Olive_13 (B1), OliverWalter_13 (B1), Omniscient_13 (B1), OneBrain_13 (B1), Oosterbaan_13 (B1), Orfeu_12 (B1), Orion_13 (B1), Orwigg_12 (B1), PG1_13 (B1), Pacifista_12 (B1), PallasAthena_12 (B1), Phamished_13 (B1), Phareon_13 (B1), PhatCats2014_13 (B1), PhatLouie_13 (B1), Phelemich_14 (B5), PhenghisKhan_12 (B1), Pherdinand_13 (B1), Phergie_12 (B1), Phipps_13 (B1), Phleuron_12 (B1), PhrankReynolds_12 (B1), PhrodoBaggins_12 (B1), Phunky_13 (B1), Piglet_0012 (B1), PinheadLarry_13 (B1), Pinkman_12 (B1), Pipsqueak_13 (B1), Placalicious_12 (B1), Plata_12 (B1), Plmatters_13 (B1), Podrick_13 (B1), Pops_13 (B1), Poster_12 (B4), Potter_12 (B1), Prickles_13 (B1), Prince_13 (B4), ProfessorX_13 (B1), Puhltonio_13 (B1), Purplicious_43 (CP), QueenBeane_13 (B1), QueenPie_13 (B4), Quisquiliae_13 (B1), RawrgerThat_13 (B4), Reccee_14 (B5), RedMaple_12 (B1), RedRaider89_14 (B1), Renkei_12 (B4), Reprobate_14 (B5), Rich_14 (B5), Ricotta_12 (B1), Riggan_13 (B1), Rimu_13 (B1), Rinkes_18 (B9), Rita130_14 (B5), Riverton_13 (B1), Robyn_12 (B1), Roliet_13 (B1), Roscoe_14 (B1), Roy17_13 (B1), SDcharge11_13 (B1), Salazzle_12 (B1), SallyH_13 (B1), Samaymay_13 (B1), SassyCat97_12 (B1), Schadenfreude_12 (B1), Schueller_12 (B1), Scoot17C_13 (B1), Scrick_12 (B1), Selr12_13 (B1), Septica_12 (B1), Serendipitous_14 (B5), Serendipity_13 (B1), Serpentine_0013 (B1), ShadowBud_13 (B1), Shatter_12 (DR), Sheila_13 (B1), Shenyu_14 (B5), ShiVal_13 (B1), Sigman_13 (B1), SilverBell_13 (B1), Simielle_12 (B1), SirBeauregard_12 (B1), SirJeffery_14 (B5), Sisko_12 (DR), Skippy_13 (B1), Slatt_13 (B1), Soile_13 (B1), Solosis_12 (B1), Soos_41 (CP), Sophia_12 (B1), Soto_13 (B1), Spartan300_13 (B1), Squid_13 (B1), Squiggle_13 (B1), StAugustine_18 (AI), Stillion_44 (CP), Sting_44 (CP), Stinger_11 (B4), StinkyVeggy_15 (B5), Struggle_12 (B1), Suffolk_13 (B1), Suigeneris_14 (B5), Surely_13 (B1), Swiphy_13 (B1), Swish_13 (B1), TPA2_22 (singleton), TallGrassMM_13 (B1), Taraxa_13 (B1), Telesworld_12 (B1), Thonko_14 (B8), Thora_13 (B1), ThreeOh3D2_13 (B1), Thunderbird_12 (B1), Timmi_12 (B1), TomBombadil_13 (B1), Tomlarah_13 (B1), Toni_12 (B1), Tonitrus_31 (singleton), TooFast2Furius_14 (B1), Tooj_13 (B1), TraderJ_14 (DR), Triad_13 (B1), True_12 (B1), Trypo_13 (B1), TyrionL_12 (B1), UAch1_13 (B1), UncleHowie_13 (B1), Usavi_13 (B1), Vaishali24_12 (B1), Valjean_13 (B1), Vaticameos_13 (B1), Vectra_12 (B1), Veritas_12 (B1), Vincenzo_14 (B4), VioletZ_13 (B4), Virapocalypse_13 (B1), Virgeve_12 (B1), Vista_13 (B1), Vivaldi_13 (B1), Vortex_13 (B1), Waleliano_13 (B4), Wallhey_12 (B1), Waterdiva_13 (B1), Weher20_13 (B1), Windsor_12 (B1),

Wooper_14 (DR), Xavier_12 (B1), Xincheng_13 (B4), Yago84_12 (DR), Yeshua_14 (DR), Yoshand_13 (B1), YouGoGlencoco_13 (B1), Zaider_14 (B1), Zelda_13 (B1), Zemanar_14 (B4), Zenteno07_18 (B13), Zonia_13 (B1),

Start 36:
• Found in 1 of 892 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Indlovu_13 (B11),

Start 37:
• Found in 56 of 892 (6.3%) of genes in pham
• Manual Annotations of this start: 53 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abinghost_15 (B3), Akoma_15 (B3), Athena_16 (B3), Audrey_15 (B3), Baloo_15 (B3), Ben11_14 (B3), Bernardo_15 (B3), Briakila_15 (B3), Casbah_14 (B3), ChaChing_15 (B3), Chalmers_15 (B3), Chandler_15 (B3), Chentzyk_14 (B3), Compostia_16 (B3), Corofin_15 (B3), Daisy_15 (B3), Deenasa_15 (B3), Devonte_15 (B3), Gadjet_16 (B3), Gervas_15 (B3), GlenHope_16 (B3), Glubnar_15 (B3), Halfpint_14 (B3), HarveySr_15 (B3), Heathcliff_15 (B3), Jackstina_14 (B3), Kamiyu_15 (B3), Kronus_14 (B3), LestyG_15 (B3), Marley1013_15 (B3), Marlia_15 (B3), MmasiCarm_15 (B3), Mortcellus_14 (B3), Morty007_15 (B3), Mulaychimus_15 (B3), Neos5_15 (B3), Nozo_15 (B3), Obutu_15 (B3), Olivio_14 (B3), OrangeOswald_15 (B3), Phaedrus_14 (B3), Phayeta_15 (B3), Philly_14 (B3), Phlyer_15 (B3), Pipefish_15 (B3), RagingRooster_15 (B3), Rita1961_15 (B3), RomaT_15 (B3), Shenandoah_15 (B3), SlippinJimmy_15 (B3), SwainyDoc_15 (B3), SynergyX_15 (B3), TinyTerror_15 (B3), Tydolla_15 (B3), Yahalom_15 (B3), Yinz_15 (B3),

Start 38:
• Found in 17 of 892 (1.9%) of genes in pham
• Manual Annotations of this start: 16 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ali17_20 (DE2), Belphegor_19 (DE2), Chickadee_21 (DE3), Dexdert_22 (DE3), EMoore_17 (DE2), EdmundFerry_20 (DE3), GTE6_21 (DE3), Hans_24 (DE2), Inspectinfecti_23 (DE2), Kwekel_21 (DE3), Leonard_22 (DE2), MelBins_23 (DE2), Phauci_15 (DE2), Phinally_22 (DE2), RoadKill_19 (DE3), Tiamoceli_22 (DE3), Twonlo_19 (DE3),

Start 39:
• Found in 14 of 892 (1.6%) of genes in pham
• Manual Annotations of this start: 12 of 787
• Called 92.9% of time when present
• Phage (with cluster) where this start called: Argie_11 (W), Cepens_10 (W), D12_10 (W), Dori_11 (AD), GodPhather_11 (W), Jeon_10 (W), JohnLord_11 (AD), Mao1_10 (AD), Mask_11 (AD), Megabear_10 (W), PR_10 (W), Sejanus_11 (AD), Taptic_10 (W),

Start 43:
• Found in 58 of 892 (6.5%) of genes in pham
• Manual Annotations of this start: 54 of 787
• Called 98.3% of time when present

• Phage (with cluster) where this start called: Affeca_21 (DE1), Ailee_21 (DE1), Angelicage_21 (DE1), Ashertheman_22 (DE1), Baddon_21 (DE1), Barsten_22 (DE1), Baumdotcom_21 (DE1), Bibwit_22 (DE1), Bizzy_22 (DE1), BobBob_19 (DE1), Brandonk123_23 (DE1), Brawn1_19 (DE1), ChadMasterC_21 (DE1), Charming_19 (DE1), Derg_17 (DE1), Fitzgerald_19 (DE1), Flatwoods_22 (DE1), Fosterous_19 (DE1), FuegoCuervo_24 (DE1), Gaea_21 (DE1), Galadriel_23 (DE1), Geodirt_20 (DE1), Gustavo_21 (DE1), JKSyngboy_20 (DE1), Jabberwocky_19 (DE1), Kamashten_22 (DE1), Keitabear_23 (DE1), Kewpiedoll_22 (DE1), Kithara_26 (singleton), Kroos_22 (DE1), Kwobi_23 (DE1), Lennon_23 (DE1), LilHam_19 (DE1), Love_23 (DE1), McCrothy_22 (DE1), McKinley_22 (DE1), MoontowerMania_20 (DE1), Nordenberg_16 (DE1), Paries_22 (DE1), Ribeye_22 (DE1), Rofo_21 (DE1), Sanjuju_19 (DE1), Saronaya_21 (DE1), SchottB_20 (DE1), Sedona_23 (DE1), Shivanishola_21 (DE1), Sitar_23 (DE1), Stichling_20 (DE1), StorminNorm_21 (DE1), Stultus_21 (DE1), Sunfish_33 (singleton), Tangent_19 (DE1), Tangerine_21 (DE1), Thing3_22 (DE1), Tycho_21 (DE1), Vivi2_21 (DE1), YorkOnyx_22 (DE1),

Start 44:
• Found in 1 of 892 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pine5_15 (singleton),

Start 45:
• Found in 382 of 892 (42.8%) of genes in pham
• Manual Annotations of this start: 2 of 787
• Called 0.5% of time when present
• Phage (with cluster) where this start called: Lilbeanie_19 (DE5), RiverRaider_22 (DE1),

Start 46:
• Found in 31 of 892 (3.5%) of genes in pham
• Manual Annotations of this start: 13 of 787
• Called 48.4% of time when present
• Phage (with cluster) where this start called: APunk_24 (DE4), Abblin_22 (DE4), BigHunkinEater_25 (DE4), Caterpie_10 (AD), Delrey21_22 (DE4), DoctorFroggo_22 (DE4), Natkenzie_22 (DE4), Pumpkiney_24 (DE4), Sampson_22 (DE4), Scioto_22 (DE4), Tardus_23 (DE4), Verity_22 (DE4), ViaConlectus_23 (DE4), Zipp_22 (DE4), Zitch_24 (DE4),

Start 47:
• Found in 58 of 892 (6.5%) of genes in pham
• Manual Annotations of this start: 1 of 787
• Called 1.7% of time when present
• Phage (with cluster) where this start called: Rasputia_58 (GC),

Start 49:
• Found in 36 of 892 (4.0%) of genes in pham
• Manual Annotations of this start: 27 of 787
• Called 100.0% of time when present
• Phage (with cluster) where this start called: A3Wally_89 (GD1), Artu_73 (FC), Atuin_77 (FC), Big4_78 (GD2), Bloom_86 (FC), BooTeria_73 (FC), Cece_72 (GD3), Chilliams_79 (FC), Dodo_91 (GD1), DunneganBoMo_72 (FC), Ellewin_71 (FC), Emmetator_75 (FC), Erasmago_80 (GD2), FloraSnap32_79 (FC), FrostedClock_81

(FC), GoldenEssence_68 (FC), KSunshine22_77 (FC), Laure_84 (UNK), LeoJr_82 (FC), Mimi_82 (FC), Panchaali_75 (FC), Patbob_81 (FC), PauloDiaboli_89 (GD1), Phrampa_74 (FC), Pumpernickel_86 (GD4), Racecar_83 (FC), ReginaGlobina_82 (FC), Rizwana_20 (AP1), Rockabye_81 (FC), SJReid_85 (FC), Stewart25555_73 (FC), Talia1610_82 (FC), Tank_21 (AP1), WaddleDee_70 (FC), Wilde_21 (AP1), Zooman_74 (GD2),

Start 50:
• Found in 75 of 892 (8.4%) of genes in pham
• Manual Annotations of this start: 48 of 787
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Antares_28 (EC), Ariadne_36 (EC), BrazzalePHS_27 (EC), Busephilis_27 (EC), ClearAsMud_30 (EC), Cranjis_29 (EC), CrazyRich_27 (EC), Crisis_29 (EC), Dewdrop_62 (GC), Fireman_28 (EC), FuzzBuster_33 (GM), Germa_29 (EC), Gina_29 (EC), Glorp_29 (EC), Hendrix_59 (GC), Hermeonysus_27 (EC), Honeyfin_29 (EC), Jefe_28 (EC), Jollipop_28 (EC), KaiHaiDragon_28 (EC), Kowalski_27 (EC), Leaf_62 (GC), LittleFortune_29 (EC), Megan_22 (EC), Merry_ (EC), Metamorphoo_28 (EC), Nicole72_23 (EC), Onika_27 (EC), Paschalis_27 (EC), Phorgeous_27 (EC), Phrancesco_28 (EC), PiperSansNom_28 (EC), Piperis_28 (EC), Pulchra_29 (EC), Quhwah_31 (EC), Ramiel05_27 (EC), RobsFeet_29 (EC), Rockwell_27 (EC), Savannah_27 (EC), Scumberland_29 (EC), Selwyn23_29 (EC), Shotgun_27 (EC), Shrubaron_28 (EC), SirFrank_27 (EC), Skugga_26 (EC), Smarties_36 (EC), Sunny_ (EC), Teamocil_29 (EC), Tyrumbra_26 (EC), Yeti_28 (EC),

Start 51:
• Found in 429 of 892 (48.1%) of genes in pham
• Manual Annotations of this start: 45 of 787
• Called 11.7% of time when present
• Phage (with cluster) where this start called: Abt2graduatex2_15 (BG), Arri_23 (DC1), Asis_14 (BG), BabyGotBac_14 (BG), Bakery_21 (DC1), Barb_22 (DC1), BayC_14 (BG), CherryCola_23 (DC1), ClamChowder_22 (DC1), Clown_24 (DC2), CoveyB_22 (DC1), Danyall_22 (DC1), Egi03_20 (DC1), Evamon_20 (DC1), Fireball_21 (DC1), Fugax_22 (DC1), Gezellig_20 (DC1), Halo3_21 (DC1), Jambalaya_20 (DC1), JohnPork_20 (DC1), KimmyK_22 (DC1), Maih_14 (BG), Mischief19_16 (BG), Mutzi_22 (DC1), Nubi_20 (DC1), Phlop_20 (DC1), PinkCoffee_22 (DC1), Portcullis_20 (DC1), PullumCavea_20 (DC1), RainyPolka_15 (BG), RogerDodger_23 (DC1), Salete_14 (BG), Salvador_20 (DC1), Savbucketdawg_20 (DC1), Sendy_21 (DC1), SharkTale_20 (DC1), Shinji_20 (DC1), Sixsevenium_21 (DC1), SmokingBunny_20 (DC1), TP1604_14 (BG), TillyBobJoe_20 (DC1), Togo_20 (DC1), TurkishDelight_18 (singleton), Twister6_22 (DC1), Valary_23 (DC1), VanDeWege_23 (DC1), Wizard_20 (DC1), Xkcd426_15 (BG), YDN12_15 (BG), YungMoney_22 (DC1),

Start 52:
• Found in 70 of 892 (7.8%) of genes in pham
• Manual Annotations of this start: 56 of 787
• Called 87.1% of time when present
• Phage (with cluster) where this start called: Altheas_28 (EG), AluminumJesus_24 (EG), BabyDotz_25 (EG), BaconCheese_28 (EG), BirdInFrench_25 (EG), Blab_24 (EG), CandC_24 (EG), Casend_27 (EG), DonaldDuck_25 (EG), EverythinBagel_25 (EG), Fizzles_26 (EG), FrankDeliGuy_23 (EG), Fransoyer_28 (EG), Fregley_26 (EG), Gazebo_25 (EG), Grassboy_27 (EG), Hyperion_25 (EG), Jehoshaphat_28 (EG), Judebell_28 (EG), Kelcole_24 (EG), KillerQueen_26 (EG), Kyva_28 (EG), LilCahh_25

(EG), Llemily_25 (EG), Lonelysoil_25 (EG), Marcie_30 (EG), Mashley_24 (EG), Mentos_28 (EG), Mila11_28 (EG), MorillMayhem_26 (EG), Namago_26 (EG), Nike_26 (EG), OneinaGillian_25 (EG), Pepe25_24 (EG), Phabia_26 (EG), Phinky_32 (EG), Quammi_24 (EG), RobinRose_27 (EG), Romm_27 (EG), Rowlf_22 (EG), RubyRalph_28 (EG), Rudy_24 (EG), SadLad_30 (EG), SallyK_27 (EG), Sillytadpoles_25 (EG), SlySloth_28 (EG), Spiderpig_25 (EG), Squash_28 (EG), Statler_27 (EG), StrawberryJamm_28 (EG), Teehee_27 (EG), Tempo_25 (EG), Tissue_26 (EG), Viceroy_25 (EG), Wayne3_27 (EG), WheelerS25_31 (EG), Wheelie_25 (EG), Wilca_25 (EG), Zagie_26 (EG), ZestyBestie_24 (EG), Zhafia_28 (EG),

Start 53:
• Found in 1 of 892 (0.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: phiAsp2_15 (singleton),

Start 55:
• Found in 349 of 892 (39.1%) of genes in pham
• Manual Annotations of this start: 20 of 787
• Called 6.9% of time when present
• Phage (with cluster) where this start called: AWGoat_20 (AP4), Beagle_28 (AP2), BetaFish_27 (AP2), Boise_17 (FT), BruhMoment_22 (AP3), DogYard_27 (AP2), Forrestell_24 (AP2), Hive_27 (AP2), Kubulix_28 (AP2), MellowYellow_24 (AP2), Nikan_23 (AP2), NyleyClemson_22 (AP2), Odyssey395_29 (AP2), Ollypop_25 (AP2), PhuzzTulsa_25 (AP2), Pointis_27 (AP2), Popstraw_25 (AP2), Pureglobe5_29 (AP2), RIPWilbur_25 (AP2), Ranunculus_21 (AP), RazzB_23 (AP2), Ren19_23 (AP2), RomansRevenge_17 (FT), SilentRX_22 (AP4),

Start 74:
• Found in 10 of 892 (1.1%) of genes in pham
• Manual Annotations of this start: 6 of 787
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Cinna_23 (EI), Cressida_25 (EI), Margaery_23 (EI), Matzah_24 (EI), MementoMori_24 (EI), Terij_24 (EI),

Start 86:
• Found in 217 of 892 (24.3%) of genes in pham
• Manual Annotations of this start: 2 of 787
• Called 1.4% of time when present
• Phage (with cluster) where this start called: Ganandorf_27 (EC), NoodlelyBoi_28 (EC), PierreOrion_28 (EC),

Start 91:
• Found in 28 of 892 (3.1%) of genes in pham
• Manual Annotations of this start: 7 of 787
• Called 28.6% of time when present
• Phage (with cluster) where this start called: BlueNGold_87 (DS), Boopy_88 (DS), Forza_88 (DS), GMA2_17 (DS), GodonK_77 (DK), Mareelih_86 (DS), Phendrix_75 (DK), Sixama_82 (DS),

Start 120:
• Found in 48 of 892 (5.4%) of genes in pham

• Manual Annotations of this start: 2 of 787
• Called 8.3% of time when present
• Phage (with cluster) where this start called: BeagleBug_27 (EC), EarickHC_28 (EC), Lucretia_28 (EC), PhedwardCullen_27 (EC),

Summary by clusters:

There are 46 clusters represented in this pham: GD1, singleton, BG, FT, DK, AP2, AP3, AP1, GD2, AP4, FC, B12, B13, B10, B11, GD3, GD4, DR, DS, CP, EI, AD, AI, EG, EC, AP, GC, W, GM, UNK, DC2, DC1, DE1, DE2, DE3, DE4, DE5, B4, B5, B6, B7, B1, B2, B3, B8, B9,

Info for manual annotations of cluster AD:
•Start number 39 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:
•Start number 33 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster AP:
•Start number 55 was manually annotated 1 time for cluster AP.

Info for manual annotations of cluster AP1:
•Start number 49 was manually annotated 3 times for cluster AP1.

Info for manual annotations of cluster AP2:
•Start number 55 was manually annotated 15 times for cluster AP2.

Info for manual annotations of cluster AP3:
•Start number 55 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:
•Start number 55 was manually annotated 2 times for cluster AP4.

Info for manual annotations of cluster B1:
•Start number 33 was manually annotated 297 times for cluster B1.

Info for manual annotations of cluster B10:
•Start number 33 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 36 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 33 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 33 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:
•Start number 32 was manually annotated 37 times for cluster B2.

Info for manual annotations of cluster B3:
•Start number 37 was manually annotated 53 times for cluster B3.

Info for manual annotations of cluster B4:
•Start number 33 was manually annotated 29 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 33 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:
•Start number 33 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:
•Start number 30 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:
•Start number 33 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 25 was manually annotated 2 times for cluster B9.
•Start number 28 was manually annotated 1 time for cluster B9.
•Start number 33 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster BG:
•Start number 51 was manually annotated 11 times for cluster BG.

Info for manual annotations of cluster CP:
•Start number 33 was manually annotated 7 times for cluster CP.

Info for manual annotations of cluster DC1:
•Start number 51 was manually annotated 32 times for cluster DC1.

Info for manual annotations of cluster DC2:
•Start number 51 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:
•Start number 43 was manually annotated 52 times for cluster DE1.
•Start number 45 was manually annotated 1 time for cluster DE1.

Info for manual annotations of cluster DE2:
•Start number 38 was manually annotated 9 times for cluster DE2.

Info for manual annotations of cluster DE3:
•Start number 38 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:
•Start number 46 was manually annotated 13 times for cluster DE4.

Info for manual annotations of cluster DE5:
•Start number 45 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DK:
•Start number 91 was manually annotated 2 times for cluster DK.

Info for manual annotations of cluster DR:

•Start number 24 was manually annotated 1 time for cluster DR.
•Start number 33 was manually annotated 22 times for cluster DR.

Info for manual annotations of cluster DS:
•Start number 91 was manually annotated 5 times for cluster DS.

Info for manual annotations of cluster EC:
•Start number 50 was manually annotated 44 times for cluster EC.
•Start number 86 was manually annotated 2 times for cluster EC.
•Start number 120 was manually annotated 2 times for cluster EC.

Info for manual annotations of cluster EG:
•Start number 52 was manually annotated 56 times for cluster EG.

Info for manual annotations of cluster EI:
•Start number 74 was manually annotated 6 times for cluster EI.

Info for manual annotations of cluster FC:
•Start number 49 was manually annotated 17 times for cluster FC.

Info for manual annotations of cluster FT:
•Start number 55 was manually annotated 1 time for cluster FT.

Info for manual annotations of cluster GC:
•Start number 47 was manually annotated 1 time for cluster GC.
•Start number 50 was manually annotated 3 times for cluster GC.

Info for manual annotations of cluster GD1:
•Start number 49 was manually annotated 3 times for cluster GD1.

Info for manual annotations of cluster GD2:
•Start number 49 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:
•Start number 49 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:
•Start number 49 was manually annotated 1 time for cluster GD4.

Info for manual annotations of cluster GM:
•Start number 50 was manually annotated 1 time for cluster GM.

Info for manual annotations of cluster W:
•Start number 39 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_011 Start: 11832, Stop: 12599, Start Num: 33
Candidate Starts for 39HC_011:

(Start: 33 @11832 has 380 MA's), (Start: 45 @11853 has 2 MA's), (140, 12093), (164, 12168), (195, 12249), (258, 12408), (263, 12426), (295, 12504), (304, 12534),

Gene: 40BC_011 Start: 11832, Stop: 12599, Start Num: 33
Candidate Starts for 40BC_011:
(Start: 33 @11832 has 380 MA's), (Start: 45 @11853 has 2 MA's), (140, 12093), (164, 12168), (195, 12249), (258, 12408), (263, 12426), (295, 12504), (304, 12534),

Gene: A3Wally_89 Start: 46992, Stop: 47873, Start Num: 49
Candidate Starts for A3Wally_89:
(Start: 49 @46992 has 27 MA's), (70, 47055), (76, 47067), (153, 47304), (192, 47442), (198, 47457), (222, 47535), (257, 47637), (294, 47760), (296, 47775),

Gene: ABU_13 Start: 11600, Stop: 12397, Start Num: 33
Candidate Starts for ABU_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: APunk_24 Start: 18327, Stop: 19151, Start Num: 46
Candidate Starts for APunk_24:
(42, 18318), (Start: 46 @18327 has 13 MA's), (75, 18399), (93, 18465), (142, 18582), (162, 18639), (184, 18711), (192, 18732), (219, 18813), (226, 18834), (241, 18864), (250, 18885), (258, 18912), (281, 18993), (284, 18999), (290, 19020), (300, 19065), (304, 19077), (310, 19101),

Gene: AWGoat_20 Start: 15505, Stop: 16254, Start Num: 55
Candidate Starts for AWGoat_20:
(Start: 55 @15505 has 20 MA's), (200, 15892), (304, 16192), (308, 16210),

Gene: Abblin_22 Start: 17540, Stop: 18364, Start Num: 46
Candidate Starts for Abblin_22:
(Start: 46 @17540 has 13 MA's), (75, 17612), (93, 17678), (128, 17753), (142, 17795), (162, 17852), (184, 17924), (192, 17945), (200, 17966), (219, 18026), (226, 18047), (236, 18068), (241, 18077), (250, 18098), (258, 18125), (273, 18182), (281, 18206), (284, 18212), (290, 18233), (304, 18290), (310, 18314),

Gene: Abinghost_15 Start: 13140, Stop: 13949, Start Num: 37
Candidate Starts for Abinghost_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: AbsoluteMadLad_12 Start: 11598, Stop: 12401, Start Num: 33
Candidate Starts for AbsoluteMadLad_12:
(Start: 33 @11598 has 380 MA's), (Start: 45 @11619 has 2 MA's), (Start: 51 @11631 has 45 MA's), (Start: 55 @11643 has 20 MA's), (117, 11805), (142, 11874), (157, 11922), (181, 11994), (202, 12039), (207, 12063), (227, 12114), (256, 12168), (271, 12225), (284, 12264),

Gene: Abt2graduatex2_15 Start: 16020, Stop: 16913, Start Num: 51
Candidate Starts for Abt2graduatex2_15:
(1, 15447), (2, 15624), (3, 15642), (4, 15654), (5, 15714), (6, 15720), (7, 15741), (8, 15759), (9, 15762), (10, 15813), (11, 15843), (12, 15855), (14, 15864), (15, 15873), (17, 15882), (18, 15891), (19, 15894), (21, 15918), (Start: 25 @15951 has 2 MA's), (40, 15993), (Start: 51 @16020 has 45 MA's), (56,

16035), (77, 16098), (83, 16122), (89, 16146), (92, 16155), (117, 16218), (122, 16227), (162, 16350), (167, 16365), (177, 16398), (183, 16419), (185, 16425), (205, 16485), (222, 16533), (223, 16539), (241, 16575), (268, 16692), (275, 16716), (281, 16734), (298, 16797), (304, 16818), (308, 16836),

Gene: Acadian_14 Start: 13349, Stop: 14155, Start Num: 33
Candidate Starts for Acadian_14:
(Start: 33 @13349 has 380 MA's), (Start: 46 @13364 has 13 MA's), (57, 13391), (72, 13439), (167, 13724), (181, 13766), (190, 13784), (197, 13802), (205, 13829), (209, 13841), (235, 13901), (258, 13958), (263, 13976), (271, 14000), (285, 14042), (302, 14078),

Gene: Adriana_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Adriana_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Aelin_12 Start: 11149, Stop: 11952, Start Num: 33
Candidate Starts for Aelin_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (117, 11356), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: Affeca_21 Start: 17356, Stop: 18186, Start Num: 43
Candidate Starts for Affeca_21:
(Start: 43 @17356 has 54 MA's), (48, 17365), (83, 17470), (124, 17560), (142, 17614), (149, 17638), (170, 17701), (184, 17749), (241, 17905), (258, 17953), (273, 18010), (281, 18034), (284, 18040), (301, 18109), (305, 18121), (309, 18139), (314, 18154),

Gene: Ahwei_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Ahwei_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Ailee_21 Start: 17270, Stop: 18100, Start Num: 43
Candidate Starts for Ailee_21:
(Start: 43 @17270 has 54 MA's), (48, 17279), (83, 17384), (97, 17432), (124, 17474), (133, 17498), (149, 17552), (170, 17615), (184, 17663), (193, 17690), (241, 17819), (258, 17867), (273, 17924), (281, 17948), (284, 17954), (301, 18023), (305, 18035), (309, 18053), (314, 18068),

Gene: Akoma_15 Start: 13140, Stop: 13949, Start Num: 37
Candidate Starts for Akoma_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: AksarBAT_12 Start: 11596, Stop: 12369, Start Num: 33
Candidate Starts for AksarBAT_12:
(Start: 33 @11596 has 380 MA's), (Start: 51 @11626 has 45 MA's), (69, 11683), (Start: 86 @11728 has 2 MA's), (108, 11782), (203, 12034), (258, 12178), (302, 12298), (308, 12322),

Gene: AlanGrant_14 Start: 14119, Stop: 14907, Start Num: 33

Candidate Starts for AlanGrant_14:
(Start: 33 @14119 has 380 MA's), (Start: 50 @14140 has 48 MA's), (Start: 51 @14143 has 45 MA's), (Start: 55 @14155 has 20 MA's), (141, 14386), (142, 14389), (164, 14458), (171, 14479), (181, 14509), (209, 14593), (227, 14641), (271, 14752), (285, 14794), (304, 14836), (318, 14884),

Gene: Aleia_13 Start: 11169, Stop: 11972, Start Num: 33
Candidate Starts for Aleia_13:
(Start: 33 @11169 has 380 MA's), (Start: 45 @11190 has 2 MA's), (Start: 51 @11202 has 45 MA's), (Start: 55 @11214 has 20 MA's), (117, 11376), (142, 11445), (157, 11493), (181, 11565), (202, 11610), (207, 11634), (227, 11685), (256, 11739), (271, 11796), (284, 11835),

Gene: Ali17_20 Start: 16677, Stop: 17507, Start Num: 38
Candidate Starts for Ali17_20:
(Start: 38 @16677 has 16 MA's), (41, 16683), (54, 16710), (56, 16716), (75, 16770), (142, 16941), (145, 16953), (170, 17028), (184, 17076), (219, 17178), (244, 17232), (256, 17262), (258, 17277), (273, 17334), (305, 17445),

Gene: Allegro_16 Start: 14535, Stop: 15353, Start Num: 32
Candidate Starts for Allegro_16:
(Start: 32 @14535 has 37 MA's), (Start: 86 @14679 has 2 MA's), (119, 14760), (138, 14814), (140, 14820), (159, 14880), (172, 14919), (187, 14958), (203, 14997), (242, 15093), (258, 15141), (271, 15183), (283, 15219), (308, 15285),

Gene: AltPhacts_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for AltPhacts_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Altheas_28 Start: 16384, Stop: 17130, Start Num: 52
Candidate Starts for Altheas_28:
(Start: 47 @16375 has 1 MA's), (Start: 52 @16384 has 56 MA's), (154, 16660), (172, 16714), (178, 16735), (200, 16777), (203, 16789), (205, 16798), (222, 16846), (270, 16966), (277, 16990), (279, 16993),

Gene: Altwerkus_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Altwerkus_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: AluminumJesus_24 Start: 15744, Stop: 16478, Start Num: 52
Candidate Starts for AluminumJesus_24:
(Start: 47 @15735 has 1 MA's), (Start: 52 @15744 has 56 MA's), (71, 15804), (145, 15996), (205, 16158), (214, 16185), (222, 16206), (230, 16227), (246, 16254), (247, 16257), (257, 16293), (270, 16326), (279, 16353),

Gene: Amo99_46 Start: 25052, Stop: 25819, Start Num: 33
Candidate Starts for Amo99_46:
(Start: 33 @25052 has 380 MA's), (61, 25118), (73, 25154), (147, 25325), (149, 25328), (195, 25466), (201, 25478), (209, 25508), (219, 25532), (275, 25688), (277, 25694), (297, 25733), (307, 25772), (316, 25799),

Gene: AnClar_12 Start: 12460, Stop: 13242, Start Num: 33
Candidate Starts for AnClar_12:
(Start: 33 @12460 has 380 MA's), (Start: 51 @12499 has 45 MA's), (68, 12553), (159, 12793), (167, 12817), (205, 12919), (263, 13072), (275, 13111), (308, 13198),

Gene: AnarQue_14 Start: 13126, Stop: 13899, Start Num: 33
Candidate Starts for AnarQue_14:
(Start: 33 @13126 has 380 MA's), (Start: 86 @13258 has 2 MA's), (173, 13489), (201, 13555), (203, 13564), (258, 13708), (304, 13834), (307, 13849),

Gene: Anderson_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Anderson_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Andre_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Andre_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: AngelCake_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for AngelCake_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Angelicage_21 Start: 17779, Stop: 18609, Start Num: 43
Candidate Starts for Angelicage_21:
(Start: 43 @17779 has 54 MA's), (48, 17788), (83, 17893), (124, 17983), (142, 18037), (149, 18061), (170, 18124), (184, 18172), (241, 18328), (258, 18376), (273, 18433), (281, 18457), (284, 18463), (301, 18532), (305, 18544), (309, 18562), (314, 18577),

Gene: Antares_28 Start: 15892, Stop: 16722, Start Num: 50
Candidate Starts for Antares_28:
(Start: 50 @15892 has 48 MA's), (Start: 86 @16003 has 2 MA's), (Start: 120 @16075 has 2 MA's), (142, 16135), (184, 16285), (193, 16312), (202, 16336), (205, 16351), (219, 16390), (222, 16399), (226, 16411), (301, 16633), (317, 16687),

Gene: Antihero_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Antihero_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Antonia_12 Start: 11149, Stop: 11952, Start Num: 33
Candidate Starts for Antonia_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (117, 11356), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: Aonishiki_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Aonishiki_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Apex_13 Start: 13527, Stop: 14321, Start Num: 33
Candidate Starts for Apex_13:
(Start: 33 @13527 has 380 MA's), (Start: 45 @13548 has 2 MA's), (Start: 86 @13659 has 2 MA's), (140, 13797), (157, 13851), (164, 13872), (171, 13893), (173, 13899), (203, 13986), (218, 14028), (258, 14124), (259, 14127), (271, 14166), (285, 14208), (304, 14250), (318, 14298),

Gene: Apizium_12 Start: 11307, Stop: 12110, Start Num: 33
Candidate Starts for Apizium_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: Arbiter_16 Start: 14622, Stop: 15440, Start Num: 32
Candidate Starts for Arbiter_16:
(Start: 32 @14622 has 37 MA's), (Start: 86 @14766 has 2 MA's), (119, 14847), (138, 14901), (140, 14907), (159, 14967), (172, 15006), (187, 15045), (203, 15084), (242, 15180), (258, 15228), (271, 15270), (283, 15306), (308, 15372),

Gene: Ares_16 Start: 14535, Stop: 15353, Start Num: 32
Candidate Starts for Ares_16:
(Start: 32 @14535 has 37 MA's), (Start: 86 @14679 has 2 MA's), (119, 14760), (138, 14814), (140, 14820), (159, 14880), (172, 14919), (187, 14958), (203, 14997), (242, 15093), (258, 15141), (271, 15183), (283, 15219), (308, 15285),

Gene: Argie_11 Start: 12991, Stop: 13767, Start Num: 39
Candidate Starts for Argie_11:
(Start: 39 @12991 has 12 MA's), (Start: 51 @13012 has 45 MA's), (Start: 52 @13015 has 56 MA's), (58, 13033), (68, 13066), (88, 13120), (Start: 91 @13126 has 7 MA's), (105, 13159), (157, 13306), (165, 13330), (167, 13336), (201, 13420), (230, 13504), (249, 13546), (283, 13651), (286, 13657), (308, 13717),

Gene: Ariadne_36 Start: 17634, Stop: 18449, Start Num: 50
Candidate Starts for Ariadne_36:
(Start: 50 @17634 has 48 MA's), (84, 17736), (Start: 86 @17745 has 2 MA's), (89, 17754), (142, 17877), (191, 18051), (222, 18144), (287, 18300), (301, 18354), (318, 18411), (325, 18435),

Gene: Arri_23 Start: 14513, Stop: 15325, Start Num: 51
Candidate Starts for Arri_23:
(Start: 51 @14513 has 45 MA's), (78, 14594), (138, 14744), (184, 14891), (197, 14927), (239, 15041), (320, 15311),

Gene: Artu_73 Start: 46245, Stop: 47114, Start Num: 49
Candidate Starts for Artu_73:
(Start: 49 @46245 has 27 MA's), (63, 46290), (76, 46326), (158, 46578), (197, 46707), (226, 46797), (275, 46929),

Gene: Ashertheman_22 Start: 16864, Stop: 17691, Start Num: 43

Candidate Starts for Asherthеman_22:
(29, 16819), (31, 16825), (Start: 43 @16864 has 54 MA's), (48, 16873), (83, 16975), (124, 17065), (133, 17089), (170, 17206), (184, 17254), (202, 17305), (241, 17410), (248, 17428), (258, 17458), (264, 17479), (273, 17515), (284, 17545), (305, 17626), (309, 17644), (314, 17659),

Gene: Ashraf_12 Start: 11149, Stop: 11946, Start Num: 33
Candidate Starts for Ashraf_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: Asis_14 Start: 15544, Stop: 16440, Start Num: 51
Candidate Starts for Asis_14:
(Start: 51 @15544 has 45 MA's), (77, 15622), (83, 15646), (89, 15670), (92, 15679), (117, 15742), (162, 15874), (167, 15889), (177, 15922), (183, 15943), (197, 15982), (201, 15991), (222, 16057), (223, 16063), (226, 16069), (241, 16099), (254, 16129), (258, 16153), (281, 16258), (292, 16291), (304, 16342), (308, 16360), (320, 16399), (328, 16426),

Gene: Athena_16 Start: 13903, Stop: 14712, Start Num: 37
Candidate Starts for Athena_16:
(Start: 37 @13903 has 53 MA's), (62, 13966), (Start: 86 @14029 has 2 MA's), (127, 14125), (140, 14173), (142, 14179), (157, 14227), (181, 14299), (195, 14329), (203, 14350), (223, 14410), (233, 14431), (258, 14497), (307, 14638), (308, 14641),

Gene: Atuin_77 Start: 48877, Stop: 49749, Start Num: 49
Candidate Starts for Atuin_77:
(Start: 49 @48877 has 27 MA's), (63, 48922), (197, 49339), (275, 49564),

Gene: Audrey_15 Start: 13140, Stop: 13949, Start Num: 37
Candidate Starts for Audrey_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: Austelle_14 Start: 13980, Stop: 14774, Start Num: 33
Candidate Starts for Austelle_14:
(Start: 33 @13980 has 380 MA's), (Start: 45 @14001 has 2 MA's), (Start: 51 @14013 has 45 MA's), (Start: 86 @14112 has 2 MA's), (140, 14250), (157, 14304), (164, 14325), (171, 14346), (173, 14352), (181, 14376), (203, 14439), (218, 14481), (258, 14577), (271, 14619), (285, 14661), (304, 14703), (318, 14751),

Gene: Axumite_12 Start: 11636, Stop: 12418, Start Num: 33
Candidate Starts for Axumite_12:
(Start: 33 @11636 has 380 MA's), (40, 11648), (68, 11726), (271, 12272), (275, 12287), (283, 12308), (302, 12350), (304, 12356), (314, 12395),

Gene: Azuria_12 Start: 11601, Stop: 12404, Start Num: 33
Candidate Starts for Azuria_12:
(Start: 33 @11601 has 380 MA's), (Start: 45 @11622 has 2 MA's), (Start: 51 @11634 has 45 MA's), (Start: 55 @11646 has 20 MA's), (117, 11808), (142, 11877), (157, 11925), (181, 11997), (202, 12042), (207, 12066), (227, 12117), (256, 12171), (271, 12228), (284, 12267),

Gene: BabyDotz_25 Start: 16013, Stop: 16747, Start Num: 52

Candidate Starts for BabyDotz_25:
(Start: 47 @16004 has 1 MA's), (Start: 52 @16013 has 56 MA's), (71, 16073), (104, 16166), (145, 16265), (205, 16427), (222, 16475), (230, 16496), (270, 16595), (279, 16622),

Gene: BabyGotBac_14 Start: 15544, Stop: 16440, Start Num: 51
Candidate Starts for BabyGotBac_14:
(Start: 51 @15544 has 45 MA's), (77, 15622), (83, 15646), (89, 15670), (92, 15679), (117, 15742), (162, 15874), (167, 15889), (177, 15922), (183, 15943), (197, 15982), (201, 15991), (222, 16057), (223, 16063), (226, 16069), (241, 16099), (254, 16129), (258, 16153), (281, 16258), (292, 16291), (304, 16342), (308, 16360), (320, 16399), (328, 16426),

Gene: BaconCheese_28 Start: 17262, Stop: 17996, Start Num: 52
Candidate Starts for BaconCheese_28:
(Start: 47 @17253 has 1 MA's), (Start: 52 @17262 has 56 MA's), (71, 17322), (145, 17514), (205, 17676), (214, 17703), (222, 17724), (229, 17742), (230, 17745), (246, 17772), (247, 17775), (257, 17811), (270, 17844),

Gene: Baddon_21 Start: 17711, Stop: 18538, Start Num: 43
Candidate Starts for Baddon_21:
(Start: 43 @17711 has 54 MA's), (48, 17720), (83, 17822), (124, 17912), (133, 17936), (170, 18053), (184, 18101), (202, 18152), (219, 18206), (241, 18257), (248, 18275), (258, 18305), (264, 18326), (273, 18362), (284, 18392), (305, 18473), (306, 18476), (309, 18491), (314, 18506),

Gene: Badfish_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Badfish_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Baee_14 Start: 13351, Stop: 14157, Start Num: 33
Candidate Starts for Baee_14:
(Start: 33 @13351 has 380 MA's), (Start: 46 @13366 has 13 MA's), (57, 13393), (64, 13417), (72, 13441), (141, 13645), (142, 13648), (167, 13726), (176, 13756), (181, 13768), (205, 13831), (209, 13843), (258, 13960), (271, 14002), (285, 14044), (302, 14080),

Gene: Bakery_21 Start: 13726, Stop: 14538, Start Num: 51
Candidate Starts for Bakery_21:
(Start: 51 @13726 has 45 MA's), (78, 13807), (138, 13957), (176, 14077), (184, 14104), (239, 14254), (281, 14386), (320, 14524),

Gene: Baloo_15 Start: 13140, Stop: 13949, Start Num: 37
Candidate Starts for Baloo_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: Bananafish_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Bananafish_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: Banjo_12 Start: 11310, Stop: 12107, Start Num: 33

Candidate Starts for Banjo_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Barb_22 Start: 14500, Stop: 15312, Start Num: 51
Candidate Starts for Barb_22:
(Start: 51 @14500 has 45 MA's), (78, 14581), (138, 14731), (184, 14878), (197, 14914), (239, 15028), (320, 15298),

Gene: Barsten_22 Start: 17286, Stop: 18116, Start Num: 43
Candidate Starts for Barsten_22:
(Start: 43 @17286 has 54 MA's), (48, 17295), (83, 17400), (124, 17490), (133, 17514), (142, 17544), (149, 17568), (170, 17631), (184, 17679), (193, 17706), (241, 17835), (258, 17883), (273, 17940), (281, 17964), (284, 17970), (301, 18039), (305, 18051), (309, 18069), (314, 18084),

Gene: Basato_14 Start: 11836, Stop: 12639, Start Num: 33
Candidate Starts for Basato_14:
(Start: 33 @11836 has 380 MA's), (Start: 45 @11857 has 2 MA's), (Start: 51 @11869 has 45 MA's), (Start: 55 @11881 has 20 MA's), (117, 12043), (142, 12112), (157, 12160), (181, 12232), (202, 12277), (207, 12301), (227, 12352), (256, 12406), (271, 12463), (284, 12502),

Gene: BatteryCK_12 Start: 11155, Stop: 11952, Start Num: 33
Candidate Starts for BatteryCK_12:
(Start: 33 @11155 has 380 MA's), (Start: 45 @11176 has 2 MA's), (Start: 51 @11188 has 45 MA's), (Start: 55 @11200 has 20 MA's), (142, 11431), (157, 11479), (181, 11551), (202, 11596), (207, 11620), (227, 11671), (256, 11725), (271, 11782), (284, 11821),

Gene: Baumdotcom_21 Start: 16480, Stop: 17307, Start Num: 43
Candidate Starts for Baumdotcom_21:
(Start: 43 @16480 has 54 MA's), (48, 16489), (83, 16591), (124, 16681), (170, 16822), (184, 16870), (202, 16921), (219, 16975), (241, 17026), (248, 17044), (258, 17074), (264, 17095), (273, 17131), (284, 17161), (305, 17242), (309, 17260), (314, 17275),

Gene: BayC_14 Start: 15544, Stop: 16440, Start Num: 51
Candidate Starts for BayC_14:
(Start: 51 @15544 has 45 MA's), (77, 15622), (83, 15646), (89, 15670), (92, 15679), (117, 15742), (162, 15874), (167, 15889), (177, 15922), (183, 15943), (197, 15982), (201, 15991), (222, 16057), (223, 16063), (226, 16069), (241, 16099), (254, 16129), (258, 16153), (281, 16258), (292, 16291), (304, 16342), (308, 16360), (320, 16399), (328, 16426),

Gene: Beagle_28 Start: 16029, Stop: 16787, Start Num: 55
Candidate Starts for Beagle_28:
(Start: 55 @16029 has 20 MA's), (112, 16173), (151, 16269), (173, 16335), (186, 16377), (195, 16407), (288, 16674),

Gene: BeagleBug_27 Start: 15856, Stop: 16503, Start Num: 120
Candidate Starts for BeagleBug_27:
(Start: 50 @15673 has 48 MA's), (Start: 86 @15784 has 2 MA's), (Start: 120 @15856 has 2 MA's), (142, 15916), (184, 16066), (193, 16093), (202, 16117), (205, 16132), (219, 16171), (222, 16180), (226, 16192), (301, 16414), (317, 16468),

Gene: Beaglebox_12 Start: 11309, Stop: 12112, Start Num: 33

Candidate Starts for Beaglebox_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Belphegor_19 Start: 15791, Stop: 16621, Start Num: 38
Candidate Starts for Belphegor_19:
(Start: 38 @15791 has 16 MA's), (41, 15797), (56, 15830), (75, 15884), (142, 16055), (145, 16067), (184, 16190), (226, 16313), (258, 16391), (273, 16448), (305, 16559),

Gene: Ben11_14 Start: 12964, Stop: 13773, Start Num: 37
Candidate Starts for Ben11_14:
(Start: 37 @12964 has 53 MA's), (62, 13027), (Start: 86 @13090 has 2 MA's), (127, 13186), (140, 13234), (142, 13240), (157, 13288), (181, 13360), (195, 13390), (203, 13411), (223, 13471), (233, 13492), (258, 13558), (307, 13699), (308, 13702),

Gene: Bernardo_15 Start: 13139, Stop: 13948, Start Num: 37
Candidate Starts for Bernardo_15:
(Start: 37 @13139 has 53 MA's), (62, 13202), (Start: 86 @13265 has 2 MA's), (127, 13361), (140, 13409), (142, 13415), (157, 13463), (181, 13535), (195, 13565), (203, 13586), (223, 13646), (233, 13667), (258, 13733), (307, 13874), (308, 13877),

Gene: BetaFish_27 Start: 16232, Stop: 16990, Start Num: 55
Candidate Starts for BetaFish_27:
(Start: 55 @16232 has 20 MA's), (112, 16376), (151, 16472), (173, 16538), (186, 16580), (195, 16610), (288, 16877),

Gene: Bibwit_22 Start: 17521, Stop: 18351, Start Num: 43
Candidate Starts for Bibwit_22:
(Start: 43 @17521 has 54 MA's), (48, 17530), (83, 17635), (124, 17725), (133, 17749), (142, 17779), (149, 17803), (170, 17866), (184, 17914), (193, 17941), (241, 18070), (258, 18118), (273, 18175), (281, 18199), (284, 18205), (301, 18274), (305, 18286), (309, 18304), (314, 18319),

Gene: Big4_78 Start: 45834, Stop: 46709, Start Num: 49
Candidate Starts for Big4_78:
(Start: 49 @45834 has 27 MA's), (70, 45897), (76, 45909), (222, 46371),

Gene: BigHunkinEater_25 Start: 16649, Stop: 17473, Start Num: 46
Candidate Starts for BigHunkinEater_25:
(42, 16640), (Start: 46 @16649 has 13 MA's), (75, 16721), (93, 16787), (142, 16904), (162, 16961), (184, 17033), (192, 17054), (219, 17135), (226, 17156), (241, 17186), (250, 17207), (258, 17234), (281, 17315), (284, 17321), (290, 17342), (310, 17423),

Gene: BiggityBass_11 Start: 11443, Stop: 12225, Start Num: 33
Candidate Starts for BiggityBass_11:
(Start: 33 @11443 has 380 MA's), (Start: 51 @11482 has 45 MA's), (68, 11536), (Start: 91 @11599 has 7 MA's), (159, 11776), (167, 11800), (263, 12055), (275, 12094), (308, 12181),

Gene: BirdInFrench_25 Start: 14837, Stop: 15583, Start Num: 52
Candidate Starts for BirdInFrench_25:
(Start: 47 @14828 has 1 MA's), (Start: 52 @14837 has 56 MA's), (172, 15164), (219, 15287), (222, 15296), (255, 15371), (257, 15386), (302, 15524), (305, 15533), (315, 15569),

Gene: BirdsNest_18 Start: 12456, Stop: 13232, Start Num: 33
Candidate Starts for BirdsNest_18:
(Start: 33 @12456 has 380 MA's), (Start: 45 @12468 has 2 MA's), (Start: 52 @12483 has 56 MA's), (Start: 86 @12576 has 2 MA's), (141, 12720), (157, 12771), (189, 12861), (203, 12912), (258, 13041), (285, 13125), (304, 13167), (318, 13215),

Gene: Bishoperium_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Bishoperium_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Bizzy_22 Start: 16765, Stop: 17592, Start Num: 43
Candidate Starts for Bizzy_22:
(Start: 43 @16765 has 54 MA's), (48, 16774), (83, 16876), (124, 16966), (170, 17107), (184, 17155), (202, 17206), (219, 17260), (241, 17311), (248, 17329), (258, 17359), (264, 17380), (273, 17416), (284, 17446), (287, 17461), (305, 17527), (309, 17545), (314, 17560),

Gene: Blab_24 Start: 15642, Stop: 16376, Start Num: 52
Candidate Starts for Blab_24:
(Start: 47 @15633 has 1 MA's), (Start: 52 @15642 has 56 MA's), (71, 15702), (145, 15894), (205, 16056), (214, 16083), (222, 16104), (229, 16122), (230, 16125), (246, 16152), (247, 16155), (257, 16191), (270, 16224), (279, 16251),

Gene: BlackStallion_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for BlackStallion_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Blackpen_14 Start: 12606, Stop: 13379, Start Num: 33
Candidate Starts for Blackpen_14:
(Start: 33 @12606 has 380 MA's), (Start: 86 @12738 has 2 MA's), (173, 12969), (187, 13005), (201, 13035), (203, 13044), (258, 13188), (304, 13314), (307, 13329),

Gene: BlacksBerry_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for BlacksBerry_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Blocker23_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for Blocker23_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (119, 14877), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: Bloom_86 Start: 50280, Stop: 51149, Start Num: 49
Candidate Starts for Bloom_86:
(Start: 49 @50280 has 27 MA's), (105, 50445), (275, 50964), (281, 50982),

Gene: BlueHusk_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for BlueHusk_13:

(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: BlueNGold_87 Start: 43715, Stop: 44404, Start Num: 91
Candidate Starts for BlueNGold_87:
(Start: 91 @43715 has 7 MA's), (122, 43790), (143, 43868), (166, 43940), (170, 43952), (174, 43964), (199, 44039), (212, 44081), (248, 44171), (260, 44213), (277, 44267), (300, 44321), (314, 44369),

Gene: Bluephacebaby_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Bluephacebaby_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: BobBob_19 Start: 16143, Stop: 16973, Start Num: 43
Candidate Starts for BobBob_19:
(Start: 43 @16143 has 54 MA's), (48, 16152), (83, 16257), (124, 16347), (142, 16401), (149, 16425), (170, 16488), (184, 16536), (193, 16563), (201, 16584), (203, 16593), (241, 16692), (258, 16740), (273, 16797), (281, 16821), (284, 16827), (301, 16896), (305, 16908), (309, 16926), (314, 16941),

Gene: BobRoss2024_11 Start: 11473, Stop: 12249, Start Num: 33
Candidate Starts for BobRoss2024_11:
(Start: 33 @11473 has 380 MA's), (Start: 51 @11512 has 45 MA's), (66, 11563), (88, 11617), (258, 12061), (283, 12139), (314, 12226),

Gene: BobbyK_13 Start: 13343, Stop: 14137, Start Num: 33
Candidate Starts for BobbyK_13:
(Start: 33 @13343 has 380 MA's), (Start: 45 @13364 has 2 MA's), (Start: 51 @13376 has 45 MA's), (Start: 86 @13475 has 2 MA's), (140, 13613), (157, 13667), (164, 13688), (171, 13709), (173, 13715), (203, 13802), (218, 13844), (258, 13940), (271, 13982), (285, 14024), (304, 14066), (318, 14114),

Gene: Boehler_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Boehler_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Boise_17 Start: 13323, Stop: 14087, Start Num: 55
Candidate Starts for Boise_17:
(Start: 55 @13323 has 20 MA's), (125, 13491), (144, 13551), (159, 13590), (245, 13821), (257, 13866), (275, 13935), (297, 13998),

Gene: BooTeria_73 Start: 46313, Stop: 47182, Start Num: 49
Candidate Starts for BooTeria_73:
(Start: 49 @46313 has 27 MA's), (63, 46358), (76, 46394), (158, 46646), (197, 46775), (226, 46865), (275, 46997),

Gene: BoogieWoogie_13 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for BoogieWoogie_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Boopy_88 Start: 43727, Stop: 44416, Start Num: 91
Candidate Starts for Boopy_88:
(Start: 91 @43727 has 7 MA's), (122, 43802), (143, 43880), (166, 43952), (170, 43964), (174, 43976), (199, 44051), (212, 44093), (248, 44183), (260, 44225), (277, 44279), (300, 44333), (314, 44381),

Gene: Boyle_16 Start: 14653, Stop: 15471, Start Num: 32
Candidate Starts for Boyle_16:
(Start: 32 @14653 has 37 MA's), (Start: 86 @14797 has 2 MA's), (119, 14878), (138, 14932), (140, 14938), (159, 14998), (172, 15037), (187, 15076), (203, 15115), (242, 15211), (258, 15259), (271, 15301), (283, 15337), (308, 15403),

Gene: Brandonk123_23 Start: 16835, Stop: 17665, Start Num: 43
Candidate Starts for Brandonk123_23:
(Start: 43 @16835 has 54 MA's), (48, 16844), (83, 16949), (124, 17039), (133, 17063), (149, 17117), (170, 17180), (184, 17228), (193, 17255), (203, 17285), (241, 17384), (258, 17432), (273, 17489), (284, 17519), (301, 17588), (305, 17600), (309, 17618), (314, 17633),

Gene: Brawn1_19 Start: 16518, Stop: 17348, Start Num: 43
Candidate Starts for Brawn1_19:
(Start: 43 @16518 has 54 MA's), (48, 16527), (83, 16632), (124, 16722), (142, 16776), (149, 16800), (170, 16863), (184, 16911), (193, 16938), (241, 17067), (258, 17115), (273, 17172), (281, 17196), (284, 17202), (301, 17271), (305, 17283), (309, 17301), (314, 17316),

Gene: BrazzalePHS_27 Start: 15687, Stop: 16517, Start Num: 50
Candidate Starts for BrazzalePHS_27:
(Start: 50 @15687 has 48 MA's), (Start: 86 @15798 has 2 MA's), (Start: 120 @15870 has 2 MA's), (142, 15930), (184, 16080), (193, 16107), (202, 16131), (205, 16146), (219, 16185), (222, 16194), (226, 16206), (301, 16428), (317, 16482),

Gene: Briakila_15 Start: 13905, Stop: 14714, Start Num: 37
Candidate Starts for Briakila_15:
(Start: 37 @13905 has 53 MA's), (62, 13968), (Start: 86 @14031 has 2 MA's), (127, 14127), (140, 14175), (142, 14181), (157, 14229), (181, 14301), (195, 14331), (197, 14334), (203, 14352), (223, 14412), (233, 14433), (258, 14499), (307, 14640), (308, 14643),

Gene: Brilliant_13 Start: 11308, Stop: 12105, Start Num: 33
Candidate Starts for Brilliant_13:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (117, 11515), (142, 11584), (157, 11632), (181, 11704), (202, 11749), (207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: BrownCNA_14 Start: 13597, Stop: 14391, Start Num: 33
Candidate Starts for BrownCNA_14:
(Start: 33 @13597 has 380 MA's), (Start: 45 @13618 has 2 MA's), (Start: 51 @13630 has 45 MA's), (Start: 86 @13729 has 2 MA's), (140, 13867), (157, 13921), (164, 13942), (171, 13963), (173, 13969), (181, 13993), (203, 14056), (218, 14098), (258, 14194), (271, 14236), (285, 14278), (304, 14320), (318, 14368),

Gene: Brownie5_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for Brownie5_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (119, 14877), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271,

15300), (283, 15336), (308, 15402),

Gene: BruhMoment_22 Start: 15455, Stop: 16222, Start Num: 55
Candidate Starts for BruhMoment_22:
(Start: 55 @15455 has 20 MA's), (65, 15491), (80, 15521), (Start: 86 @15551 has 2 MA's), (100, 15587), (143, 15692), (173, 15779), (181, 15803), (186, 15821), (200, 15860), (268, 16046), (317, 16205),

Gene: Buckeye_13 Start: 11604, Stop: 12407, Start Num: 33
Candidate Starts for Buckeye_13:
(Start: 33 @11604 has 380 MA's), (Start: 45 @11625 has 2 MA's), (Start: 51 @11637 has 45 MA's), (Start: 55 @11649 has 20 MA's), (117, 11811), (142, 11880), (157, 11928), (181, 12000), (202, 12045), (207, 12069), (227, 12120), (256, 12174), (271, 12231), (284, 12270),

Gene: Burr_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Burr_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Busephilis_27 Start: 15623, Stop: 16453, Start Num: 50
Candidate Starts for Busephilis_27:
(Start: 50 @15623 has 48 MA's), (Start: 86 @15734 has 2 MA's), (Start: 120 @15806 has 2 MA's), (142, 15866), (184, 16016), (193, 16043), (202, 16067), (205, 16082), (219, 16121), (222, 16130), (226, 16142), (257, 16214), (301, 16364), (317, 16418),

Gene: CRB2_16 Start: 14223, Stop: 15020, Start Num: 25
Candidate Starts for CRB2_16:
(Start: 25 @14223 has 2 MA's), (Start: 45 @14262 has 2 MA's), (Start: 51 @14274 has 45 MA's), (121, 14457), (136, 14493), (140, 14505), (167, 14589), (258, 14829), (269, 14865), (271, 14871), (304, 14955), (314, 14994), (318, 15003),

Gene: CaiB_14 Start: 13114, Stop: 13887, Start Num: 33
Candidate Starts for CaiB_14:
(Start: 33 @13114 has 380 MA's), (Start: 86 @13246 has 2 MA's), (173, 13477), (201, 13543), (203, 13552), (258, 13696), (304, 13822), (307, 13837),

Gene: Calamitous_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Calamitous_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: CamL_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for CamL_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: CampRoach_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for CampRoach_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040),

(207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: CandC_24 Start: 14442, Stop: 15179, Start Num: 52
Candidate Starts for CandC_24:
(Start: 47 @14433 has 1 MA's), (Start: 52 @14442 has 56 MA's), (110, 14613), (172, 14769), (219, 14892), (222, 14901), (229, 14919), (257, 14991), (276, 15045), (305, 15138),

Gene: Cannibal_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Cannibal_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Carthage_12 Start: 11277, Stop: 12080, Start Num: 33
Candidate Starts for Carthage_12:
(Start: 33 @11277 has 380 MA's), (Start: 45 @11298 has 2 MA's), (Start: 51 @11310 has 45 MA's), (Start: 55 @11322 has 20 MA's), (117, 11484), (142, 11553), (157, 11601), (181, 11673), (202, 11718), (207, 11742), (227, 11793), (256, 11847), (271, 11904), (284, 11943),

Gene: Casbah_14 Start: 12992, Stop: 13801, Start Num: 37
Candidate Starts for Casbah_14:
(Start: 37 @12992 has 53 MA's), (62, 13055), (Start: 86 @13118 has 2 MA's), (127, 13214), (140, 13262), (142, 13268), (157, 13316), (181, 13388), (195, 13418), (203, 13439), (223, 13499), (233, 13520), (258, 13586), (307, 13727), (308, 13730),

Gene: Casend_27 Start: 16359, Stop: 17093, Start Num: 52
Candidate Starts for Casend_27:
(Start: 47 @16350 has 1 MA's), (Start: 52 @16359 has 56 MA's), (71, 16419), (104, 16512), (145, 16611), (205, 16773), (222, 16821), (230, 16842), (270, 16941),

Gene: Caspiboi_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Caspiboi_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Caterpie_10 Start: 10574, Stop: 11407, Start Num: 46
Candidate Starts for Caterpie_10:
(Start: 39 @10559 has 12 MA's), (Start: 46 @10574 has 13 MA's), (Start: 86 @10685 has 2 MA's), (Start: 91 @10697 has 7 MA's), (105, 10730), (142, 10832), (157, 10880), (173, 10928), (181, 10952), (201, 10994), (207, 11021), (245, 11102), (258, 11147), (263, 11165), (285, 11231), (295, 11243), (302, 11267), (307, 11288), (318, 11321),

Gene: Causa_20 Start: 15477, Stop: 16358, Start Num: 33
Candidate Starts for Causa_20:
(Start: 33 @15477 has 380 MA's), (40, 15489), (141, 15765), (146, 15783), (201, 15930), (237, 16029), (241, 16035), (256, 16074), (258, 16089), (263, 16107), (269, 16125), (318, 16290),

Gene: Cece_72 Start: 41904, Stop: 42782, Start Num: 49
Candidate Starts for Cece_72:
(Start: 49 @41904 has 27 MA's), (70, 41967), (76, 41979), (222, 42444), (226, 42456), (280, 42624),

Gene: Cepens_10 Start: 12730, Stop: 13506, Start Num: 39

Candidate Starts for Cepens_10:
(Start: 39 @12730 has 12 MA's), (Start: 51 @12751 has 45 MA's), (Start: 52 @12754 has 56 MA's), (58, 12772), (68, 12805), (88, 12859), (Start: 91 @12865 has 7 MA's), (105, 12898), (157, 13045), (165, 13069), (167, 13075), (201, 13159), (230, 13243), (249, 13285), (283, 13390), (286, 13396), (308, 13456),

Gene: ChaChing_15 Start: 13155, Stop: 13964, Start Num: 37
Candidate Starts for ChaChing_15:
(Start: 37 @13155 has 53 MA's), (62, 13218), (Start: 86 @13281 has 2 MA's), (127, 13377), (140, 13425), (142, 13431), (157, 13479), (181, 13551), (195, 13581), (203, 13602), (223, 13662), (233, 13683), (258, 13749), (307, 13890), (308, 13893),

Gene: ChadMasterC_21 Start: 17242, Stop: 18072, Start Num: 43
Candidate Starts for ChadMasterC_21:
(Start: 43 @17242 has 54 MA's), (48, 17251), (83, 17356), (124, 17446), (142, 17500), (149, 17524), (170, 17587), (184, 17635), (193, 17662), (241, 17791), (258, 17839), (273, 17896), (281, 17920), (284, 17926), (301, 17995), (305, 18007), (309, 18025), (314, 18040),

Gene: Chaelin_12 Start: 11263, Stop: 12066, Start Num: 33
Candidate Starts for Chaelin_12:
(Start: 33 @11263 has 380 MA's), (Start: 45 @11284 has 2 MA's), (Start: 51 @11296 has 45 MA's), (Start: 55 @11308 has 20 MA's), (117, 11470), (142, 11539), (157, 11587), (181, 11659), (202, 11704), (207, 11728), (227, 11779), (256, 11833), (271, 11890), (284, 11929),

Gene: Chah_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for Chah_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Chalmers_15 Start: 13948, Stop: 14757, Start Num: 37
Candidate Starts for Chalmers_15:
(Start: 37 @13948 has 53 MA's), (62, 14011), (Start: 86 @14074 has 2 MA's), (127, 14170), (140, 14218), (142, 14224), (157, 14272), (181, 14344), (195, 14374), (203, 14395), (223, 14455), (233, 14476), (258, 14542), (307, 14683), (308, 14686),

Gene: Chandler_15 Start: 13914, Stop: 14723, Start Num: 37
Candidate Starts for Chandler_15:
(Start: 37 @13914 has 53 MA's), (62, 13977), (Start: 86 @14040 has 2 MA's), (127, 14136), (140, 14184), (142, 14190), (157, 14238), (181, 14310), (195, 14340), (197, 14343), (203, 14361), (223, 14421), (233, 14442), (258, 14508), (307, 14649), (308, 14652),

Gene: Charles1_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Charles1_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: CharlieGBrown_12 Start: 11173, Stop: 11970, Start Num: 33
Candidate Starts for CharlieGBrown_12:
(Start: 33 @11173 has 380 MA's), (Start: 45 @11194 has 2 MA's), (Start: 51 @11206 has 45 MA's), (Start: 55 @11218 has 20 MA's), (142, 11449), (157, 11497), (181, 11569), (202, 11614), (207, 11638), (227, 11689), (256, 11743), (271, 11800), (284, 11839),

Gene: CharlottesWeb_12 Start: 11678, Stop: 12469, Start Num: 33
Candidate Starts for CharlottesWeb_12:
(Start: 33 @11678 has 380 MA's), (Start: 51 @11714 has 45 MA's), (68, 11768), (Start: 91 @11834 has 7 MA's), (146, 11972), (203, 12128), (258, 12272), (283, 12350), (307, 12413),

Gene: Charming_19 Start: 16145, Stop: 16975, Start Num: 43
Candidate Starts for Charming_19:
(Start: 43 @16145 has 54 MA's), (48, 16154), (83, 16259), (124, 16349), (142, 16403), (149, 16427), (170, 16490), (184, 16538), (193, 16565), (201, 16586), (203, 16595), (241, 16694), (258, 16742), (273, 16799), (281, 16823), (284, 16829), (301, 16898), (305, 16910), (309, 16928), (314, 16943),

Gene: CheetO_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for CheetO_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Chentzyk_14 Start: 13010, Stop: 13819, Start Num: 37
Candidate Starts for Chentzyk_14:
(Start: 37 @13010 has 53 MA's), (62, 13073), (Start: 86 @13136 has 2 MA's), (127, 13232), (140, 13280), (142, 13286), (157, 13334), (181, 13406), (195, 13436), (203, 13457), (223, 13517), (233, 13538), (258, 13604), (307, 13745), (308, 13748),

Gene: Cher_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Cher_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: CherryCola_23 Start: 14709, Stop: 15521, Start Num: 51
Candidate Starts for CherryCola_23:
(Start: 51 @14709 has 45 MA's), (78, 14790), (138, 14940), (184, 15087), (197, 15123), (239, 15237), (320, 15507),

Gene: Chickadee_21 Start: 15725, Stop: 16555, Start Num: 38
Candidate Starts for Chickadee_21:
(Start: 38 @15725 has 16 MA's), (92, 15881), (95, 15893), (137, 15971), (163, 16055), (176, 16097), (184, 16124), (219, 16226), (241, 16277), (281, 16406), (284, 16412), (290, 16433), (305, 16493), (308, 16508),

Gene: Childish_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Childish_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Chilliams_79 Start: 52107, Stop: 52976, Start Num: 49
Candidate Starts for Chilliams_79:
(Start: 49 @52107 has 27 MA's), (188, 52545), (257, 52722), (275, 52791), (281, 52809),

Gene: Chipette_14 Start: 11837, Stop: 12640, Start Num: 33
Candidate Starts for Chipette_14:

(Start: 33 @11837 has 380 MA's), (Start: 45 @11858 has 2 MA's), (Start: 51 @11870 has 45 MA's), (Start: 55 @11882 has 20 MA's), (117, 12044), (142, 12113), (157, 12161), (181, 12233), (202, 12278), (207, 12302), (227, 12353), (256, 12407), (271, 12464), (284, 12503),

Gene: Chorkpop_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Chorkpop_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: ChrisnMich_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for ChrisnMich_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (304, 12975), (318, 13023),

Gene: Chuni_13 Start: 11618, Stop: 12415, Start Num: 33
Candidate Starts for Chuni_13:
(Start: 33 @11618 has 380 MA's), (Start: 45 @11639 has 2 MA's), (Start: 51 @11651 has 45 MA's), (Start: 55 @11663 has 20 MA's), (117, 11825), (142, 11894), (157, 11942), (181, 12014), (202, 12059), (207, 12083), (227, 12134), (256, 12188), (271, 12245), (284, 12284),

Gene: Chunky_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Chunky_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Chute_13 Start: 11617, Stop: 12414, Start Num: 33
Candidate Starts for Chute_13:
(Start: 33 @11617 has 380 MA's), (Start: 45 @11638 has 2 MA's), (Start: 51 @11650 has 45 MA's), (Start: 55 @11662 has 20 MA's), (142, 11893), (157, 11941), (181, 12013), (202, 12058), (207, 12082), (227, 12133), (256, 12187), (271, 12244), (284, 12283),

Gene: Cinna_23 Start: 15247, Stop: 16008, Start Num: 74
Candidate Starts for Cinna_23:
(Start: 51 @15178 has 45 MA's), (Start: 74 @15247 has 6 MA's), (133, 15400), (180, 15562), (205, 15646), (219, 15685), (222, 15694), (257, 15778), (258, 15781), (276, 15814), (281, 15829), (289, 15853), (300, 15901), (308, 15931), (311, 15940), (323, 15976),

Gene: ClamChowder_22 Start: 14500, Stop: 15312, Start Num: 51
Candidate Starts for ClamChowder_22:
(Start: 51 @14500 has 45 MA's), (78, 14581), (138, 14731), (184, 14878), (197, 14914), (239, 15028), (320, 15298),

Gene: Clawz_45 Start: 24999, Stop: 25766, Start Num: 33
Candidate Starts for Clawz_45:
(Start: 33 @24999 has 380 MA's), (73, 25101), (Start: 86 @25131 has 2 MA's), (98, 25161), (195, 25413), (206, 25449), (275, 25635),

Gene: ClearAsMud_30 Start: 16413, Stop: 17243, Start Num: 50
Candidate Starts for ClearAsMud_30:

(Start: 50 @16413 has 48 MA's), (Start: 86 @16524 has 2 MA's), (Start: 120 @16596 has 2 MA's), (184, 16806), (193, 16833), (202, 16857), (205, 16872), (222, 16920), (226, 16932), (281, 17079), (287, 17100), (301, 17154), (317, 17208),

Gene: CloverMinnie_14 Start: 13114, Stop: 13887, Start Num: 33
Candidate Starts for CloverMinnie_14:
(Start: 33 @13114 has 380 MA's), (Start: 86 @13246 has 2 MA's), (168, 13465), (173, 13477), (201, 13543), (203, 13552), (258, 13696), (304, 13822), (307, 13837),

Gene: Clown_24 Start: 16474, Stop: 17325, Start Num: 51
Candidate Starts for Clown_24:
(Start: 51 @16474 has 45 MA's), (59, 16492), (65, 16516), (78, 16549), (97, 16621), (131, 16684), (157, 16771), (171, 16813), (184, 16858), (226, 16984), (243, 17014), (255, 17044), (281, 17143), (292, 17170), (314, 17248), (320, 17266),

Gene: Cobra_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Cobra_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Coco2012_12 Start: 11675, Stop: 12466, Start Num: 33
Candidate Starts for Coco2012_12:
(Start: 33 @11675 has 380 MA's), (Start: 51 @11711 has 45 MA's), (68, 11765), (Start: 91 @11831 has 7 MA's), (146, 11969), (203, 12125), (258, 12269), (283, 12347), (307, 12410),

Gene: Coffee_16 Start: 14649, Stop: 15467, Start Num: 32
Candidate Starts for Coffee_16:
(Start: 32 @14649 has 37 MA's), (Start: 86 @14793 has 2 MA's), (138, 14928), (140, 14934), (159, 14994), (172, 15033), (187, 15072), (203, 15111), (242, 15207), (258, 15255), (271, 15297), (283, 15333), (308, 15399),

Gene: Colbert_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Colbert_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: ColdSoup_46 Start: 25052, Stop: 25819, Start Num: 33
Candidate Starts for ColdSoup_46:
(Start: 33 @25052 has 380 MA's), (61, 25118), (73, 25154), (147, 25325), (149, 25328), (195, 25466), (201, 25478), (209, 25508), (219, 25532), (275, 25688), (277, 25694), (297, 25733), (307, 25772), (316, 25799),

Gene: Coldpizza_14 Start: 13595, Stop: 14395, Start Num: 33
Candidate Starts for Coldpizza_14:
(Start: 33 @13595 has 380 MA's), (161, 13931), (203, 14042), (271, 14228), (285, 14270), (304, 14312),

Gene: Coletti_13 Start: 11617, Stop: 12414, Start Num: 33
Candidate Starts for Coletti_13:
(Start: 33 @11617 has 380 MA's), (Start: 45 @11638 has 2 MA's), (Start: 51 @11650 has 45 MA's), (Start: 55 @11662 has 20 MA's), (142, 11893), (157, 11941), (181, 12013), (202, 12058), (207, 12082),

(227, 12133), (256, 12187), (271, 12244), (284, 12283),

Gene: Compostia_16 Start: 13573, Stop: 14382, Start Num: 37
Candidate Starts for Compostia_16:
(Start: 37 @13573 has 53 MA's), (62, 13636), (Start: 86 @13699 has 2 MA's), (127, 13795), (140, 13843), (142, 13849), (157, 13897), (181, 13969), (195, 13999), (197, 14002), (203, 14020), (223, 14080), (233, 14101), (258, 14167), (307, 14308), (308, 14311),

Gene: Cooper_13 Start: 12350, Stop: 13141, Start Num: 33
Candidate Starts for Cooper_13:
(Start: 33 @12350 has 380 MA's), (Start: 45 @12362 has 2 MA's), (Start: 50 @12371 has 48 MA's), (67, 12428), (Start: 86 @12473 has 2 MA's), (116, 12551), (140, 12611), (157, 12665), (164, 12686), (171, 12707), (173, 12713), (218, 12842), (227, 12869), (256, 12929), (258, 12944), (263, 12962), (271, 12986), (285, 13028), (318, 13118),

Gene: Cornbread_12 Start: 11306, Stop: 12109, Start Num: 33
Candidate Starts for Cornbread_12:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Cornobble_12 Start: 11150, Stop: 11953, Start Num: 33
Candidate Starts for Cornobble_12:
(Start: 33 @11150 has 380 MA's), (Start: 45 @11171 has 2 MA's), (Start: 51 @11183 has 45 MA's), (Start: 55 @11195 has 20 MA's), (117, 11357), (142, 11426), (157, 11474), (181, 11546), (202, 11591), (207, 11615), (227, 11666), (256, 11720), (271, 11777), (284, 11816),

Gene: Corofin_15 Start: 13165, Stop: 13974, Start Num: 37
Candidate Starts for Corofin_15:
(Start: 37 @13165 has 53 MA's), (62, 13228), (Start: 86 @13291 has 2 MA's), (127, 13387), (140, 13435), (142, 13441), (157, 13489), (181, 13561), (195, 13591), (197, 13594), (203, 13612), (223, 13672), (233, 13693), (258, 13759), (307, 13900), (308, 13903),

Gene: Cosmolli16_12 Start: 11307, Stop: 12110, Start Num: 33
Candidate Starts for Cosmolli16_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: CoveyB_22 Start: 14345, Stop: 15157, Start Num: 51
Candidate Starts for CoveyB_22:
(Start: 51 @14345 has 45 MA's), (78, 14426), (138, 14576), (184, 14723), (197, 14759), (239, 14873), (320, 15143),

Gene: Craff_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Craff_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Cranjis_29 Start: 15847, Stop: 16677, Start Num: 50
Candidate Starts for Cranjis_29:

(Start: 50 @15847 has 48 MA's), (Start: 86 @15958 has 2 MA's), (Start: 120 @16030 has 2 MA's), (142, 16090), (184, 16240), (193, 16267), (202, 16291), (205, 16306), (219, 16345), (222, 16354), (226, 16366), (301, 16588), (317, 16642),

Gene: CrazyRich_27 Start: 15657, Stop: 16487, Start Num: 50
Candidate Starts for CrazyRich_27:
(Start: 50 @15657 has 48 MA's), (Start: 86 @15768 has 2 MA's), (Start: 120 @15840 has 2 MA's), (142, 15900), (184, 16050), (193, 16077), (202, 16101), (205, 16116), (219, 16155), (222, 16164), (226, 16176), (301, 16398), (317, 16452),

Gene: Cressida_25 Start: 15291, Stop: 16052, Start Num: 74
Candidate Starts for Cressida_25:
(Start: 51 @15222 has 45 MA's), (Start: 74 @15291 has 6 MA's), (133, 15444), (180, 15606), (193, 15651), (205, 15690), (219, 15729), (222, 15738), (257, 15822), (258, 15825), (276, 15858), (281, 15873), (289, 15897), (308, 15975), (311, 15984), (323, 16020),

Gene: Crisis_29 Start: 15642, Stop: 16472, Start Num: 50
Candidate Starts for Crisis_29:
(Start: 50 @15642 has 48 MA's), (Start: 86 @15753 has 2 MA's), (Start: 120 @15825 has 2 MA's), (142, 15885), (184, 16035), (202, 16086), (205, 16101), (219, 16140), (222, 16149), (226, 16161), (301, 16383), (317, 16437),

Gene: Crownjwl_13 Start: 11387, Stop: 12190, Start Num: 33
Candidate Starts for Crownjwl_13:
(Start: 33 @11387 has 380 MA's), (Start: 45 @11408 has 2 MA's), (Start: 51 @11420 has 45 MA's), (Start: 55 @11432 has 20 MA's), (117, 11594), (142, 11663), (157, 11711), (181, 11783), (202, 11828), (207, 11852), (227, 11903), (256, 11957), (271, 12014), (284, 12053),

Gene: D12_10 Start: 12708, Stop: 13484, Start Num: 39
Candidate Starts for D12_10:
(Start: 39 @12708 has 12 MA's), (Start: 51 @12729 has 45 MA's), (Start: 52 @12732 has 56 MA's), (58, 12750), (68, 12783), (88, 12837), (Start: 91 @12843 has 7 MA's), (105, 12876), (157, 13023), (165, 13047), (167, 13053), (201, 13137), (230, 13221), (249, 13263), (283, 13368), (286, 13374), (308, 13434),

Gene: DaddyDaniels_13 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for DaddyDaniels_13:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Daffy_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Daffy_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Daisy_15 Start: 13161, Stop: 13970, Start Num: 37
Candidate Starts for Daisy_15:
(Start: 37 @13161 has 53 MA's), (62, 13224), (Start: 86 @13287 has 2 MA's), (127, 13383), (140, 13431), (142, 13437), (157, 13485), (181, 13557), (195, 13587), (197, 13590), (203, 13608), (223, 13668), (233, 13689), (258, 13755), (307, 13896), (308, 13899),

Gene: Daka_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Daka_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Danyall_22 Start: 14345, Stop: 15157, Start Num: 51
Candidate Starts for Danyall_22:
(Start: 51 @14345 has 45 MA's), (78, 14426), (138, 14576), (184, 14723), (197, 14759), (239, 14873), (320, 15143),

Gene: Dati_13 Start: 11303, Stop: 12106, Start Num: 33
Candidate Starts for Dati_13:
(Start: 33 @11303 has 380 MA's), (Start: 45 @11324 has 2 MA's), (Start: 51 @11336 has 45 MA's), (Start: 55 @11348 has 20 MA's), (117, 11510), (142, 11579), (157, 11627), (181, 11699), (202, 11744), (207, 11768), (227, 11819), (256, 11873), (271, 11930), (284, 11969),

Gene: Deenasa_15 Start: 13903, Stop: 14712, Start Num: 37
Candidate Starts for Deenasa_15:
(Start: 37 @13903 has 53 MA's), (62, 13966), (Start: 86 @14029 has 2 MA's), (127, 14125), (140, 14173), (142, 14179), (157, 14227), (181, 14299), (195, 14329), (203, 14350), (223, 14410), (233, 14431), (258, 14497), (307, 14638), (308, 14641),

Gene: DelRivs_12 Start: 11308, Stop: 12111, Start Num: 33
Candidate Starts for DelRivs_12:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (117, 11515), (142, 11584), (157, 11632), (181, 11704), (202, 11749), (207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: Delrey21_22 Start: 17000, Stop: 17824, Start Num: 46
Candidate Starts for Delrey21_22:
(Start: 46 @17000 has 13 MA's), (75, 17072), (142, 17255), (152, 17282), (162, 17312), (184, 17384), (192, 17405), (219, 17486), (241, 17537), (250, 17558), (258, 17585), (273, 17642), (281, 17666), (284, 17672), (287, 17687), (290, 17693), (310, 17774), (314, 17786),

Gene: Derg_17 Start: 16357, Stop: 17184, Start Num: 43
Candidate Starts for Derg_17:
(Start: 43 @16357 has 54 MA's), (48, 16366), (83, 16468), (124, 16558), (133, 16582), (170, 16699), (184, 16747), (202, 16798), (219, 16852), (241, 16903), (248, 16921), (258, 16951), (264, 16972), (273, 17008), (284, 17038), (287, 17053), (305, 17119), (309, 17137), (314, 17152), (320, 17170),

Gene: Derpp_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Derpp_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Devonte_15 Start: 13140, Stop: 13949, Start Num: 37
Candidate Starts for Devonte_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: Dewdrop_62 Start: 32410, Stop: 33225, Start Num: 50
Candidate Starts for Dewdrop_62:
(Start: 50 @32410 has 48 MA's), (Start: 74 @32482 has 6 MA's), (Start: 86 @32524 has 2 MA's), (130, 32614), (132, 32623), (192, 32800), (226, 32899), (258, 32977), (282, 33028),

Gene: Dexdert_22 Start: 16169, Stop: 16999, Start Num: 38
Candidate Starts for Dexdert_22:
(Start: 38 @16169 has 16 MA's), (92, 16325), (95, 16337), (163, 16499), (176, 16541), (184, 16568), (219, 16670), (241, 16721), (281, 16850), (284, 16856), (290, 16877), (305, 16937), (308, 16952),

Gene: Dice_12 Start: 11308, Stop: 12105, Start Num: 33
Candidate Starts for Dice_12:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (117, 11515), (142, 11584), (157, 11632), (181, 11704), (202, 11749), (207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: DigitDog_14 Start: 13334, Stop: 14140, Start Num: 33
Candidate Starts for DigitDog_14:
(Start: 33 @13334 has 380 MA's), (72, 13424), (141, 13628), (167, 13709), (181, 13751), (205, 13814), (209, 13826), (235, 13886), (258, 13943), (271, 13985), (302, 14063), (318, 14117),

Gene: Dingo_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Dingo_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Dione_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Dione_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: DirtJuice_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for DirtJuice_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: DoctorFroggo_22 Start: 17000, Stop: 17824, Start Num: 46
Candidate Starts for DoctorFroggo_22:
(Start: 46 @17000 has 13 MA's), (75, 17072), (142, 17255), (152, 17282), (162, 17312), (184, 17384), (192, 17405), (219, 17486), (241, 17537), (250, 17558), (258, 17585), (273, 17642), (281, 17666), (284, 17672), (287, 17687), (290, 17693), (310, 17774), (314, 17786),

Gene: Doddsville_13 Start: 11303, Stop: 12106, Start Num: 33
Candidate Starts for Doddsville_13:
(Start: 33 @11303 has 380 MA's), (Start: 45 @11324 has 2 MA's), (Start: 51 @11336 has 45 MA's), (Start: 55 @11348 has 20 MA's), (117, 11510), (142, 11579), (157, 11627), (181, 11699), (202, 11744), (207, 11768), (227, 11819), (256, 11873), (271, 11930), (284, 11969),

Gene: Dodo_91 Start: 47314, Stop: 48195, Start Num: 49
Candidate Starts for Dodo_91:

(Start: 49 @47314 has 27 MA's), (70, 47377), (76, 47389), (153, 47626), (192, 47764), (198, 47779), (222, 47857), (257, 47959), (296, 48097),

Gene: DoesntMatter_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for DoesntMatter_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: DogYard_27 Start: 16099, Stop: 16857, Start Num: 55
Candidate Starts for DogYard_27:
(Start: 55 @16099 has 20 MA's), (112, 16243), (151, 16339), (173, 16405), (186, 16447), (195, 16477), (288, 16744),

Gene: DolOn_14 Start: 11837, Stop: 12640, Start Num: 33
Candidate Starts for DolOn_14:
(Start: 33 @11837 has 380 MA's), (Start: 45 @11858 has 2 MA's), (Start: 51 @11870 has 45 MA's), (Start: 55 @11882 has 20 MA's), (117, 12044), (142, 12113), (157, 12161), (181, 12233), (202, 12278), (207, 12302), (227, 12353), (256, 12407), (271, 12464), (284, 12503),

Gene: DonSanchon_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for DonSanchon_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: DonTron_45 Start: 25122, Stop: 25889, Start Num: 33
Candidate Starts for DonTron_45:
(Start: 33 @25122 has 380 MA's), (61, 25188), (73, 25224), (147, 25395), (149, 25398), (201, 25548), (219, 25602), (275, 25758), (277, 25764), (307, 25842), (316, 25869),

Gene: DonaldDuck_25 Start: 15705, Stop: 16439, Start Num: 52
Candidate Starts for DonaldDuck_25:
(Start: 47 @15696 has 1 MA's), (Start: 52 @15705 has 56 MA's), (71, 15765), (104, 15858), (145, 15957), (205, 16119), (222, 16167), (230, 16188), (270, 16287),

Gene: Donny_14 Start: 13351, Stop: 14157, Start Num: 33
Candidate Starts for Donny_14:
(Start: 33 @13351 has 380 MA's), (Start: 46 @13366 has 13 MA's), (57, 13393), (72, 13441), (167, 13726), (181, 13768), (190, 13786), (197, 13804), (205, 13831), (209, 13843), (235, 13903), (258, 13960), (263, 13978), (271, 14002), (285, 14044), (302, 14080),

Gene: Dori_11 Start: 10375, Stop: 11223, Start Num: 39
Candidate Starts for Dori_11:
(Start: 39 @10375 has 12 MA's), (Start: 46 @10390 has 13 MA's), (Start: 86 @10501 has 2 MA's), (Start: 91 @10513 has 7 MA's), (105, 10546), (142, 10648), (157, 10696), (173, 10744), (181, 10768), (201, 10810), (207, 10837), (240, 10912), (245, 10918), (256, 10948), (258, 10963), (263, 10981), (285, 11047), (295, 11059), (302, 11083), (307, 11104), (318, 11137),

Gene: DuchessDung_12 Start: 11155, Stop: 11952, Start Num: 33
Candidate Starts for DuchessDung_12:
(Start: 33 @11155 has 380 MA's), (Start: 45 @11176 has 2 MA's), (Start: 51 @11188 has 45 MA's), (Start: 55 @11200 has 20 MA's), (142, 11431), (157, 11479), (181, 11551), (202, 11596), (207, 11620),

(227, 11671), (256, 11725), (271, 11782), (284, 11821),

Gene: Duggie_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Duggie_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: DunneganBoMo_72 Start: 45738, Stop: 46607, Start Num: 49
Candidate Starts for DunneganBoMo_72:
(Start: 49 @45738 has 27 MA's), (63, 45783), (76, 45819), (158, 46071), (197, 46200), (226, 46290), (275, 46422),

Gene: Durga_13 Start: 11616, Stop: 12413, Start Num: 33
Candidate Starts for Durga_13:
(Start: 33 @11616 has 380 MA's), (Start: 45 @11637 has 2 MA's), (Start: 51 @11649 has 45 MA's), (Start: 55 @11661 has 20 MA's), (117, 11823), (142, 11892), (157, 11940), (181, 12012), (202, 12057), (207, 12081), (227, 12132), (256, 12186), (271, 12243), (284, 12282),

Gene: EMoore_17 Start: 15039, Stop: 15869, Start Num: 38
Candidate Starts for EMoore_17:
(Start: 38 @15039 has 16 MA's), (41, 15045), (54, 15072), (56, 15078), (75, 15132), (142, 15303), (145, 15315), (170, 15390), (184, 15438), (202, 15486), (219, 15540), (244, 15594), (258, 15639), (273, 15696), (305, 15807),

Gene: Eaglehorse_16 Start: 14556, Stop: 15374, Start Num: 32
Candidate Starts for Eaglehorse_16:
(Start: 32 @14556 has 37 MA's), (Start: 86 @14700 has 2 MA's), (119, 14781), (138, 14835), (140, 14841), (159, 14901), (172, 14940), (187, 14979), (203, 15018), (242, 15114), (258, 15162), (271, 15204), (283, 15240), (308, 15306),

Gene: EarickHC_28 Start: 15751, Stop: 16398, Start Num: 120
Candidate Starts for EarickHC_28:
(Start: 50 @15568 has 48 MA's), (Start: 86 @15679 has 2 MA's), (Start: 120 @15751 has 2 MA's), (142, 15811), (184, 15961), (202, 16012), (205, 16027), (219, 16066), (222, 16075), (226, 16087), (301, 16309), (317, 16363),

Gene: EastView9101_14 Start: 13358, Stop: 14164, Start Num: 33
Candidate Starts for EastView9101_14:
(Start: 33 @13358 has 380 MA's), (Start: 46 @13373 has 13 MA's), (57, 13400), (72, 13448), (142, 13655), (157, 13703), (167, 13733), (181, 13775), (190, 13793), (197, 13811), (205, 13838), (209, 13850), (235, 13910), (258, 13967), (271, 14009), (302, 14087),

Gene: EdmundFerry_20 Start: 15753, Stop: 16583, Start Num: 38
Candidate Starts for EdmundFerry_20:
(Start: 38 @15753 has 16 MA's), (92, 15909), (95, 15921), (137, 15999), (163, 16083), (176, 16125), (184, 16152), (219, 16254), (226, 16275), (241, 16305), (281, 16434), (284, 16440), (290, 16461), (305, 16521),

Gene: Egi03_20 Start: 13961, Stop: 14773, Start Num: 51
Candidate Starts for Egi03_20:
(Start: 51 @13961 has 45 MA's), (78, 14042), (138, 14192), (184, 14339), (197, 14375), (239, 14489), (320, 14759),

Gene: Ellewin_71 Start: 45333, Stop: 46202, Start Num: 49
Candidate Starts for Ellewin_71:
(Start: 49 @45333 has 27 MA's), (63, 45378), (76, 45414), (158, 45666), (197, 45795), (226, 45885), (275, 46017),

Gene: ElvisPhasley_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for ElvisPhasley_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: EmGer13_12 Start: 11149, Stop: 11952, Start Num: 33
Candidate Starts for EmGer13_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (117, 11356), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: Emiris_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Emiris_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Emmetator_75 Start: 46485, Stop: 47354, Start Num: 49
Candidate Starts for Emmetator_75:
(Start: 49 @46485 has 27 MA's), (63, 46530), (76, 46566), (158, 46818), (197, 46947), (226, 47037), (275, 47169),

Gene: EmpTee_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for EmpTee_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Epah_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Epah_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Erasmago_80 Start: 43489, Stop: 44364, Start Num: 49
Candidate Starts for Erasmago_80:
(Start: 49 @43489 has 27 MA's), (70, 43552), (76, 43564), (222, 44026),

Gene: Eremos_13 Start: 11596, Stop: 12399, Start Num: 33
Candidate Starts for Eremos_13:
(Start: 33 @11596 has 380 MA's), (Start: 45 @11617 has 2 MA's), (Start: 51 @11629 has 45 MA's), (Start: 55 @11641 has 20 MA's), (117, 11803), (142, 11872), (157, 11920), (181, 11992), (202, 12037), (207, 12061), (227, 12112), (256, 12166), (271, 12223), (284, 12262),

Gene: Etaye_13 Start: 11599, Stop: 12396, Start Num: 33

Candidate Starts for Etaye_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Eugenia_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Eugenia_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Evaa_13 Start: 12976, Stop: 13755, Start Num: 33
Candidate Starts for Evaa_13:
(Start: 33 @12976 has 380 MA's), (161, 13312), (203, 13420), (245, 13519), (258, 13564), (271, 13606), (285, 13648),

Gene: Evamon_20 Start: 13832, Stop: 14644, Start Num: 51
Candidate Starts for Evamon_20:
(Start: 51 @13832 has 45 MA's), (78, 13913), (138, 14063), (184, 14210), (197, 14246), (239, 14360), (320, 14630),

Gene: EverythinBagel_25 Start: 16093, Stop: 16827, Start Num: 52
Candidate Starts for EverythinBagel_25:
(Start: 47 @16084 has 1 MA's), (Start: 52 @16093 has 56 MA's), (104, 16246), (145, 16345), (205, 16507), (222, 16555), (230, 16576), (246, 16603), (270, 16675), (279, 16702), (297, 16762),

Gene: Fanaw_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Fanaw_13:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (164, 13691), (173, 13718), (181, 13742), (203, 13805), (218, 13847), (258, 13943), (259, 13946), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Fang_13 Start: 11606, Stop: 12403, Start Num: 33
Candidate Starts for Fang_13:
(Start: 33 @11606 has 380 MA's), (Start: 45 @11627 has 2 MA's), (Start: 51 @11639 has 45 MA's), (Start: 55 @11651 has 20 MA's), (117, 11813), (142, 11882), (157, 11930), (181, 12002), (202, 12047), (207, 12071), (227, 12122), (256, 12176), (271, 12233), (284, 12272),

Gene: Faze9_16 Start: 14649, Stop: 15467, Start Num: 32
Candidate Starts for Faze9_16:
(Start: 32 @14649 has 37 MA's), (Start: 86 @14793 has 2 MA's), (119, 14874), (138, 14928), (140, 14934), (159, 14994), (172, 15033), (187, 15072), (203, 15111), (242, 15207), (258, 15255), (271, 15297), (283, 15333), (308, 15399),

Gene: FelixTres_14 Start: 13114, Stop: 13887, Start Num: 33
Candidate Starts for FelixTres_14:
(Start: 33 @13114 has 380 MA's), (Start: 86 @13246 has 2 MA's), (173, 13477), (201, 13543), (203, 13552), (258, 13696), (304, 13822), (307, 13837),

Gene: Fireball_21 Start: 13964, Stop: 14776, Start Num: 51
Candidate Starts for Fireball_21:
(Start: 51 @13964 has 45 MA's), (78, 14045), (138, 14195), (184, 14342), (197, 14378), (239, 14492), (320, 14762),

Gene: Fireman_28 Start: 15540, Stop: 16349, Start Num: 50
Candidate Starts for Fireman_28:
(Start: 50 @15540 has 48 MA's), (84, 15642), (Start: 86 @15651 has 2 MA's), (89, 15660), (118, 15720), (Start: 120 @15723 has 2 MA's), (142, 15783), (180, 15918), (191, 15957), (219, 16041), (222, 16050), (287, 16206), (301, 16260), (317, 16314), (325, 16338),

Gene: Fitzgerald_19 Start: 16571, Stop: 17401, Start Num: 43
Candidate Starts for Fitzgerald_19:
(Start: 43 @16571 has 54 MA's), (48, 16580), (83, 16685), (124, 16775), (142, 16829), (149, 16853), (170, 16916), (184, 16964), (241, 17120), (258, 17168), (273, 17225), (281, 17249), (284, 17255), (301, 17324), (305, 17336), (309, 17354), (314, 17369),

Gene: Fizzles_26 Start: 15665, Stop: 16411, Start Num: 52
Candidate Starts for Fizzles_26:
(Start: 47 @15656 has 1 MA's), (Start: 52 @15665 has 56 MA's), (104, 15818), (145, 15917), (172, 15995), (221, 16124), (222, 16127), (229, 16145), (257, 16214), (309, 16379),

Gene: Flake_13 Start: 11619, Stop: 12416, Start Num: 33
Candidate Starts for Flake_13:
(Start: 33 @11619 has 380 MA's), (Start: 45 @11640 has 2 MA's), (Start: 51 @11652 has 45 MA's), (Start: 55 @11664 has 20 MA's), (117, 11826), (142, 11895), (157, 11943), (181, 12015), (202, 12060), (207, 12084), (227, 12135), (256, 12189), (271, 12246), (284, 12285),

Gene: Flatwoods_22 Start: 16784, Stop: 17611, Start Num: 43
Candidate Starts for Flatwoods_22:
(Start: 43 @16784 has 54 MA's), (48, 16793), (83, 16895), (124, 16985), (133, 17009), (170, 17126), (184, 17174), (202, 17225), (219, 17279), (241, 17330), (248, 17348), (258, 17378), (264, 17399), (273, 17435), (284, 17465), (287, 17480), (305, 17546), (309, 17564), (314, 17579), (320, 17597),

Gene: FleetyMac_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for FleetyMac_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: FloraSnap32_79 Start: 49317, Stop: 50186, Start Num: 49
Candidate Starts for FloraSnap32_79:
(Start: 49 @49317 has 27 MA's), (105, 49482), (275, 50001), (281, 50019),

Gene: FluffyNinja_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for FluffyNinja_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: ForDig_11 Start: 11818, Stop: 12585, Start Num: 33
Candidate Starts for ForDig_11:
(Start: 33 @11818 has 380 MA's), (Start: 45 @11839 has 2 MA's), (164, 12154), (195, 12235), (203, 12256), (258, 12394), (263, 12412), (295, 12490), (304, 12520),

Gene: Forrestell_24 Start: 14737, Stop: 15495, Start Num: 55
Candidate Starts for Forrestell_24:

(Start: 55 @14737 has 20 MA's), (112, 14881), (128, 14905), (151, 14977), (173, 15043), (186, 15085), (195, 15115), (288, 15382),

Gene: Fortunato_13 Start: 13340, Stop: 14134, Start Num: 33
Candidate Starts for Fortunato_13:
(Start: 33 @13340 has 380 MA's), (Start: 45 @13361 has 2 MA's), (Start: 86 @13472 has 2 MA's), (140, 13610), (157, 13664), (164, 13685), (171, 13706), (173, 13712), (203, 13799), (218, 13841), (258, 13937), (259, 13940), (271, 13979), (285, 14021), (304, 14063), (318, 14111),

Gene: Forza_88 Start: 43643, Stop: 44332, Start Num: 91
Candidate Starts for Forza_88:
(Start: 91 @43643 has 7 MA's), (122, 43718), (143, 43796), (166, 43868), (170, 43880), (174, 43892), (199, 43967), (212, 44009), (248, 44099), (260, 44141), (277, 44195), (300, 44249), (314, 44297),

Gene: Fosterous_19 Start: 17034, Stop: 17864, Start Num: 43
Candidate Starts for Fosterous_19:
(Start: 43 @17034 has 54 MA's), (48, 17043), (83, 17148), (97, 17196), (124, 17238), (133, 17262), (142, 17292), (149, 17316), (170, 17379), (184, 17427), (241, 17583), (258, 17631), (273, 17688), (281, 17712), (284, 17718), (301, 17787), (305, 17799), (309, 17817), (314, 17832),

Gene: Fozzie_12 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Fozzie_12:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: FrankDeliGuy_23 Start: 15667, Stop: 16401, Start Num: 52
Candidate Starts for FrankDeliGuy_23:
(Start: 47 @15658 has 1 MA's), (Start: 52 @15667 has 56 MA's), (71, 15727), (104, 15820), (145, 15919), (205, 16081), (222, 16129), (230, 16150), (270, 16249),

Gene: Frankicide_13 Start: 11604, Stop: 12407, Start Num: 33
Candidate Starts for Frankicide_13:
(Start: 33 @11604 has 380 MA's), (Start: 45 @11625 has 2 MA's), (Start: 51 @11637 has 45 MA's), (Start: 55 @11649 has 20 MA's), (117, 11811), (142, 11880), (157, 11928), (181, 12000), (202, 12045), (207, 12069), (227, 12120), (256, 12174), (271, 12231), (284, 12270),

Gene: Fransoyer_28 Start: 15730, Stop: 16464, Start Num: 52
Candidate Starts for Fransoyer_28:
(Start: 52 @15730 has 56 MA's), (109, 15898), (145, 15979), (222, 16186), (257, 16276), (277, 16333), (285, 16363),

Gene: Frederick_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Frederick_13:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (203, 13805), (218, 13847), (258, 13943), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Fregley_26 Start: 15015, Stop: 15752, Start Num: 52
Candidate Starts for Fregley_26:
(Start: 47 @15006 has 1 MA's), (Start: 52 @15015 has 56 MA's), (110, 15186), (172, 15342), (219, 15465), (222, 15474), (229, 15492), (257, 15564), (276, 15618), (305, 15711),

Gene: FremontTroll_12 Start: 11307, Stop: 12104, Start Num: 33
Candidate Starts for FremontTroll_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: FrenchFry_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for FrenchFry_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (88, 14802), (119, 14877), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: Fresco_12 Start: 11636, Stop: 12418, Start Num: 33
Candidate Starts for Fresco_12:
(Start: 33 @11636 has 380 MA's), (40, 11648), (68, 11726), (271, 12272), (275, 12287), (283, 12308), (302, 12350), (304, 12356), (314, 12395),

Gene: Freya_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Freya_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: FriarPreacher_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for FriarPreacher_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Fringe_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Fringe_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: FrostedClock_81 Start: 49768, Stop: 50637, Start Num: 49
Candidate Starts for FrostedClock_81:
(Start: 49 @49768 has 27 MA's), (105, 49933), (275, 50452), (281, 50470),

Gene: FuegoCuervo_24 Start: 16323, Stop: 17153, Start Num: 43
Candidate Starts for FuegoCuervo_24:
(Start: 43 @16323 has 54 MA's), (48, 16332), (83, 16437), (124, 16527), (133, 16551), (142, 16581), (149, 16605), (170, 16668), (184, 16716), (193, 16743), (203, 16773), (241, 16872), (258, 16920), (273, 16977), (284, 17007), (301, 17076), (305, 17088), (309, 17106), (314, 17121),

Gene: FugateOSU_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for FugateOSU_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Fugax_22 Start: 14500, Stop: 15312, Start Num: 51
Candidate Starts for Fugax_22:

(Start: 51 @14500 has 45 MA's), (78, 14581), (138, 14731), (184, 14878), (197, 14914), (239, 15028), (320, 15298),

Gene: Funsized_18 Start: 15411, Stop: 16229, Start Num: 33
Candidate Starts for Funsized_18:
(Start: 33 @15411 has 380 MA's), (Start: 45 @15441 has 2 MA's), (Start: 51 @15453 has 45 MA's), (82, 15531), (142, 15699), (151, 15729), (175, 15804), (203, 15876), (216, 15915), (235, 15960), (240, 15966), (249, 15987), (253, 15993), (283, 16104), (307, 16167),

Gene: FuzzBuster_33 Start: 16274, Stop: 17122, Start Num: 50
Candidate Starts for FuzzBuster_33:
(23, 16175), (Start: 50 @16274 has 48 MA's), (59, 16301), (Start: 120 @16463 has 2 MA's), (197, 16700), (207, 16736), (219, 16766), (255, 16847), (289, 16940), (313, 17036), (327, 17087),

Gene: GMA2_17 Start: 17011, Stop: 17706, Start Num: 91
Candidate Starts for GMA2_17:
(Start: 91 @17011 has 7 MA's), (123, 17089), (174, 17260), (205, 17362), (212, 17383), (238, 17446), (248, 17473), (261, 17518), (272, 17551), (275, 17563), (300, 17623), (314, 17671), (317, 17677),

Gene: GTE6_21 Start: 16242, Stop: 17072, Start Num: 38
Candidate Starts for GTE6_21:
(Start: 38 @16242 has 16 MA's), (92, 16398), (95, 16410), (137, 16488), (163, 16572), (176, 16614), (184, 16641), (219, 16743), (241, 16794), (281, 16923), (284, 16929), (290, 16950), (305, 17010), (308, 17025), (314, 17043),

Gene: Gadjet_16 Start: 13144, Stop: 13953, Start Num: 37
Candidate Starts for Gadjet_16:
(Start: 37 @13144 has 53 MA's), (62, 13207), (Start: 86 @13270 has 2 MA's), (127, 13366), (140, 13414), (142, 13420), (157, 13468), (181, 13540), (195, 13570), (203, 13591), (223, 13651), (233, 13672), (258, 13738), (307, 13879), (308, 13882),

Gene: Gaea_21 Start: 16472, Stop: 17299, Start Num: 43
Candidate Starts for Gaea_21:
(Start: 43 @16472 has 54 MA's), (48, 16481), (83, 16583), (124, 16673), (170, 16814), (184, 16862), (202, 16913), (219, 16967), (241, 17018), (248, 17036), (258, 17066), (264, 17087), (273, 17123), (284, 17153), (305, 17234), (309, 17252), (314, 17267),

Gene: Galadriel_23 Start: 16884, Stop: 17714, Start Num: 43
Candidate Starts for Galadriel_23:
(Start: 43 @16884 has 54 MA's), (48, 16893), (83, 16998), (124, 17088), (142, 17142), (149, 17166), (170, 17229), (184, 17277), (193, 17304), (203, 17334), (241, 17433), (258, 17481), (273, 17538), (281, 17562), (284, 17568), (301, 17637), (305, 17649), (309, 17667), (314, 17682),

Gene: Ganandorf_27 Start: 15815, Stop: 16534, Start Num: 86
Candidate Starts for Ganandorf_27:
(Start: 50 @15704 has 48 MA's), (Start: 86 @15815 has 2 MA's), (Start: 120 @15887 has 2 MA's), (142, 15947), (184, 16097), (193, 16124), (202, 16148), (205, 16163), (219, 16202), (222, 16211), (226, 16223), (301, 16445), (317, 16499),

Gene: Gareth_12 Start: 11306, Stop: 12103, Start Num: 33
Candidate Starts for Gareth_12:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747),

(207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Gazebo_25 Start: 16208, Stop: 16942, Start Num: 52
Candidate Starts for Gazebo_25:
(Start: 47 @16199 has 1 MA's), (Start: 52 @16208 has 56 MA's), (71, 16268), (145, 16460), (205, 16622), (214, 16649), (222, 16670), (230, 16691), (246, 16718), (247, 16721), (257, 16757), (270, 16790), (279, 16817),

Gene: GeneCoco_13 Start: 11608, Stop: 12405, Start Num: 33
Candidate Starts for GeneCoco_13:
(Start: 33 @11608 has 380 MA's), (Start: 45 @11629 has 2 MA's), (Start: 51 @11641 has 45 MA's), (Start: 55 @11653 has 20 MA's), (117, 11815), (142, 11884), (157, 11932), (181, 12004), (202, 12049), (207, 12073), (227, 12124), (256, 12178), (271, 12235), (284, 12274),

Gene: Geodirt_20 Start: 17101, Stop: 17931, Start Num: 43
Candidate Starts for Geodirt_20:
(Start: 43 @17101 has 54 MA's), (48, 17110), (83, 17215), (124, 17305), (133, 17329), (142, 17359), (149, 17383), (170, 17446), (184, 17494), (193, 17521), (241, 17650), (258, 17698), (273, 17755), (284, 17785), (301, 17854), (305, 17866), (309, 17884), (314, 17899),

Gene: Germa_29 Start: 15533, Stop: 16363, Start Num: 50
Candidate Starts for Germa_29:
(Start: 50 @15533 has 48 MA's), (Start: 86 @15644 has 2 MA's), (Start: 120 @15716 has 2 MA's), (142, 15776), (184, 15926), (193, 15953), (202, 15977), (205, 15992), (219, 16031), (222, 16040), (226, 16052), (301, 16274), (317, 16328),

Gene: Gervas_15 Start: 13123, Stop: 13932, Start Num: 37
Candidate Starts for Gervas_15:
(Start: 37 @13123 has 53 MA's), (62, 13186), (Start: 86 @13249 has 2 MA's), (127, 13345), (140, 13393), (142, 13399), (157, 13447), (181, 13519), (195, 13549), (203, 13570), (223, 13630), (233, 13651), (258, 13717), (307, 13858), (308, 13861),

Gene: Gezellig_20 Start: 13964, Stop: 14776, Start Num: 51
Candidate Starts for Gezellig_20:
(Start: 51 @13964 has 45 MA's), (78, 14045), (138, 14195), (184, 14342), (197, 14378), (239, 14492), (320, 14762),

Gene: GinPorsche_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for GinPorsche_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Gina_29 Start: 15204, Stop: 16019, Start Num: 50
Candidate Starts for Gina_29:
(Start: 50 @15204 has 48 MA's), (84, 15306), (Start: 86 @15315 has 2 MA's), (89, 15324), (118, 15384), (180, 15582), (191, 15621), (205, 15666), (219, 15705), (222, 15714), (287, 15870), (301, 15924), (317, 15978),

Gene: Giraffe_13 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Giraffe_13:

(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Glass_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for Glass_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (88, 14802), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: GlenHope_16 Start: 13130, Stop: 13939, Start Num: 37
Candidate Starts for GlenHope_16:
(Start: 37 @13130 has 53 MA's), (62, 13193), (Start: 86 @13256 has 2 MA's), (127, 13352), (140, 13400), (142, 13406), (157, 13454), (181, 13526), (195, 13556), (203, 13577), (223, 13637), (233, 13658), (258, 13724), (307, 13865), (308, 13868),

Gene: Glorp_29 Start: 15705, Stop: 16535, Start Num: 50
Candidate Starts for Glorp_29:
(Start: 50 @15705 has 48 MA's), (Start: 86 @15816 has 2 MA's), (Start: 120 @15888 has 2 MA's), (142, 15948), (184, 16098), (193, 16125), (202, 16149), (205, 16164), (219, 16203), (222, 16212), (226, 16224), (301, 16446), (317, 16500),

Gene: Glubnar_15 Start: 13144, Stop: 13953, Start Num: 37
Candidate Starts for Glubnar_15:
(Start: 37 @13144 has 53 MA's), (62, 13207), (Start: 86 @13270 has 2 MA's), (127, 13366), (140, 13414), (142, 13420), (157, 13468), (181, 13540), (195, 13570), (203, 13591), (223, 13651), (233, 13672), (258, 13738), (307, 13879), (308, 13882),

Gene: GodPhather_11 Start: 12988, Stop: 13764, Start Num: 39
Candidate Starts for GodPhather_11:
(Start: 39 @12988 has 12 MA's), (Start: 51 @13009 has 45 MA's), (Start: 52 @13012 has 56 MA's), (58, 13030), (68, 13063), (88, 13117), (Start: 91 @13123 has 7 MA's), (105, 13156), (157, 13303), (165, 13327), (167, 13333), (201, 13417), (230, 13501), (249, 13543), (283, 13648), (286, 13654), (308, 13714),

Gene: Godines_16 Start: 14535, Stop: 15353, Start Num: 32
Candidate Starts for Godines_16:
(Start: 32 @14535 has 37 MA's), (Start: 86 @14679 has 2 MA's), (138, 14814), (140, 14820), (159, 14880), (172, 14919), (187, 14958), (203, 14997), (242, 15093), (258, 15141), (271, 15183), (283, 15219), (308, 15285),

Gene: GodonK_77 Start: 38457, Stop: 39149, Start Num: 91
Candidate Starts for GodonK_77:
(Start: 91 @38457 has 7 MA's), (169, 38694), (174, 38706), (181, 38727), (196, 38775), (199, 38781), (205, 38805), (212, 38826), (217, 38835), (232, 38874), (248, 38913), (252, 38919), (272, 38991), (274, 39000), (283, 39024), (310, 39096), (314, 39111),

Gene: GoldenEssence_68 Start: 44073, Stop: 44942, Start Num: 49
Candidate Starts for GoldenEssence_68:
(Start: 49 @44073 has 27 MA's), (105, 44238), (275, 44757), (281, 44775),

Gene: Gophee_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Gophee_13:

(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Grand2040_12 Start: 11307, Stop: 12110, Start Num: 33
Candidate Starts for Grand2040_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: Grassboy_27 Start: 16381, Stop: 17115, Start Num: 52
Candidate Starts for Grassboy_27:
(Start: 47 @16372 has 1 MA's), (Start: 52 @16381 has 56 MA's), (71, 16441), (145, 16633), (205, 16795), (214, 16822), (222, 16843), (230, 16864), (246, 16891), (247, 16894), (257, 16930), (270, 16963), (279, 16990),

Gene: GreenChile_13 Start: 11604, Stop: 12407, Start Num: 33
Candidate Starts for GreenChile_13:
(Start: 33 @11604 has 380 MA's), (Start: 45 @11625 has 2 MA's), (Start: 51 @11637 has 45 MA's), (Start: 55 @11649 has 20 MA's), (117, 11811), (142, 11880), (157, 11928), (181, 12000), (202, 12045), (207, 12069), (227, 12120), (256, 12174), (271, 12231), (284, 12270),

Gene: Grumio_45 Start: 24560, Stop: 25327, Start Num: 33
Candidate Starts for Grumio_45:
(Start: 33 @24560 has 380 MA's), (61, 24626), (73, 24662), (147, 24833), (149, 24836), (201, 24986), (219, 25040), (275, 25196), (277, 25202), (307, 25280), (316, 25307),

Gene: Gustavo_21 Start: 16571, Stop: 17398, Start Num: 43
Candidate Starts for Gustavo_21:
(Start: 43 @16571 has 54 MA's), (48, 16580), (83, 16682), (124, 16772), (170, 16913), (184, 16961), (202, 17012), (219, 17066), (241, 17117), (248, 17135), (258, 17165), (264, 17186), (273, 17222), (284, 17252), (305, 17333), (309, 17351), (314, 17366),

Gene: Gwennie1_13 Start: 11620, Stop: 12417, Start Num: 33
Candidate Starts for Gwennie1_13:
(Start: 33 @11620 has 380 MA's), (Start: 45 @11641 has 2 MA's), (Start: 51 @11653 has 45 MA's), (Start: 55 @11665 has 20 MA's), (142, 11896), (157, 11944), (181, 12016), (202, 12061), (207, 12085), (227, 12136), (256, 12190), (271, 12247), (284, 12286),

Gene: Gwilliam_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Gwilliam_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Gyarad_0013 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Gyarad_0013:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: HSavage_13 Start: 11604, Stop: 12407, Start Num: 33
Candidate Starts for HSavage_13:

(Start: 33 @11604 has 380 MA's), (Start: 45 @11625 has 2 MA's), (Start: 51 @11637 has 45 MA's), (Start: 55 @11649 has 20 MA's), (117, 11811), (142, 11880), (157, 11928), (181, 12000), (202, 12045), (207, 12069), (227, 12120), (256, 12174), (271, 12231), (284, 12270),

Gene: Haimas_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Haimas_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Haleema_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Haleema_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Halfpint_14 Start: 12965, Stop: 13774, Start Num: 37
Candidate Starts for Halfpint_14:
(Start: 37 @12965 has 53 MA's), (62, 13028), (Start: 86 @13091 has 2 MA's), (127, 13187), (140, 13235), (142, 13241), (157, 13289), (181, 13361), (195, 13391), (203, 13412), (223, 13472), (233, 13493), (258, 13559), (307, 13700), (308, 13703),

Gene: Hally898_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Hally898_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Halo3_21 Start: 14285, Stop: 15097, Start Num: 51
Candidate Starts for Halo3_21:
(Start: 51 @14285 has 45 MA's), (78, 14366), (138, 14516), (176, 14636), (184, 14663), (239, 14813), (281, 14945), (320, 15083),

Gene: Hamish_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Hamish_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Hangman_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Hangman_13:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (181, 13742), (203, 13805), (218, 13847), (258, 13943), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Hans_24 Start: 17335, Stop: 18165, Start Num: 38
Candidate Starts for Hans_24:
(Start: 38 @17335 has 16 MA's), (41, 17341), (54, 17368), (56, 17374), (75, 17428), (142, 17599), (145, 17611), (170, 17686), (184, 17734), (219, 17836), (244, 17890), (258, 17935), (273, 17992), (305, 18103),

Gene: Happabalu_13 Start: 11302, Stop: 12099, Start Num: 33
Candidate Starts for Happabalu_13:
(Start: 33 @11302 has 380 MA's), (Start: 45 @11323 has 2 MA's), (Start: 51 @11335 has 45 MA's), (Start: 55 @11347 has 20 MA's), (117, 11509), (142, 11578), (157, 11626), (181, 11698), (202, 11743), (207, 11767), (227, 11818), (256, 11872), (271, 11929), (284, 11968),

Gene: Hartsy_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Hartsy_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Harvey_13 Start: 11606, Stop: 12409, Start Num: 33
Candidate Starts for Harvey_13:
(Start: 33 @11606 has 380 MA's), (Start: 45 @11627 has 2 MA's), (Start: 51 @11639 has 45 MA's), (Start: 55 @11651 has 20 MA's), (117, 11813), (142, 11882), (157, 11930), (181, 12002), (202, 12047), (207, 12071), (227, 12122), (256, 12176), (271, 12233), (284, 12272),

Gene: HarveySr_15 Start: 13117, Stop: 13926, Start Num: 37
Candidate Starts for HarveySr_15:
(Start: 37 @13117 has 53 MA's), (62, 13180), (Start: 86 @13243 has 2 MA's), (127, 13339), (140, 13387), (142, 13393), (157, 13441), (181, 13513), (195, 13543), (197, 13546), (203, 13564), (223, 13624), (233, 13645), (258, 13711), (307, 13852), (308, 13855),

Gene: Hashim76_18 Start: 12730, Stop: 13515, Start Num: 33
Candidate Starts for Hashim76_18:
(Start: 33 @12730 has 380 MA's), (Start: 45 @12742 has 2 MA's), (Start: 86 @12850 has 2 MA's), (88, 12856), (117, 12928), (141, 12994), (157, 13045), (203, 13186), (271, 13366), (285, 13408), (304, 13450), (318, 13498),

Gene: Heath_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Heath_13:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (203, 13805), (218, 13847), (258, 13943), (259, 13946), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Heathcliff_15 Start: 13102, Stop: 13911, Start Num: 37
Candidate Starts for Heathcliff_15:
(Start: 37 @13102 has 53 MA's), (62, 13165), (Start: 86 @13228 has 2 MA's), (127, 13324), (140, 13372), (142, 13378), (157, 13426), (181, 13498), (195, 13528), (197, 13531), (203, 13549), (223, 13609), (233, 13630), (258, 13696), (307, 13837), (308, 13840),

Gene: Hedgerow_16 Start: 14634, Stop: 15452, Start Num: 32
Candidate Starts for Hedgerow_16:
(Start: 32 @14634 has 37 MA's), (Start: 86 @14778 has 2 MA's), (119, 14859), (138, 14913), (140, 14919), (159, 14979), (172, 15018), (187, 15057), (203, 15096), (242, 15192), (258, 15240), (271, 15282), (283, 15318), (308, 15384),

Gene: Hekos_12 Start: 11308, Stop: 12111, Start Num: 33
Candidate Starts for Hekos_12:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (117, 11515), (142, 11584), (157, 11632), (181, 11704), (202, 11749),

(207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: Held_13 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Held_13:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Hendrix_59 Start: 32358, Stop: 33179, Start Num: 50
Candidate Starts for Hendrix_59:
(Start: 50 @32358 has 48 MA's), (Start: 74 @32430 has 6 MA's), (83, 32460), (Start: 86 @32475 has 2 MA's), (99, 32511), (153, 32646), (155, 32652), (257, 32931), (295, 33036), (324, 33138),

Gene: HenryJackson_12 Start: 11312, Stop: 12115, Start Num: 33
Candidate Starts for HenryJackson_12:
(Start: 33 @11312 has 380 MA's), (Start: 45 @11333 has 2 MA's), (Start: 51 @11345 has 45 MA's), (Start: 55 @11357 has 20 MA's), (117, 11519), (142, 11588), (157, 11636), (181, 11708), (202, 11753), (207, 11777), (227, 11828), (256, 11882), (271, 11939), (284, 11978),

Gene: Hermeonysus_27 Start: 15576, Stop: 16406, Start Num: 50
Candidate Starts for Hermeonysus_27:
(Start: 50 @15576 has 48 MA's), (Start: 86 @15687 has 2 MA's), (Start: 120 @15759 has 2 MA's), (142, 15819), (184, 15969), (193, 15996), (202, 16020), (205, 16035), (219, 16074), (222, 16083), (226, 16095), (301, 16317), (317, 16371),

Gene: Hertubise_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Hertubise_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Hetaeria_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Hetaeria_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: HighStump_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for HighStump_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Hive_27 Start: 16113, Stop: 16871, Start Num: 55
Candidate Starts for Hive_27:
(Start: 55 @16113 has 20 MA's), (112, 16257), (151, 16353), (173, 16419), (186, 16461), (195, 16491), (288, 16758),

Gene: Hocus_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Hocus_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: HogWash_12 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for HogWash_12:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Holeinone_16 Start: 14534, Stop: 15352, Start Num: 32
Candidate Starts for Holeinone_16:
(Start: 32 @14534 has 37 MA's), (Start: 86 @14678 has 2 MA's), (138, 14813), (140, 14819), (159, 14879), (172, 14918), (187, 14957), (203, 14996), (242, 15092), (258, 15140), (271, 15182), (283, 15218), (308, 15284),

Gene: Honeyfin_29 Start: 15892, Stop: 16722, Start Num: 50
Candidate Starts for Honeyfin_29:
(Start: 50 @15892 has 48 MA's), (Start: 86 @16003 has 2 MA's), (Start: 120 @16075 has 2 MA's), (142, 16135), (184, 16285), (193, 16312), (202, 16336), (205, 16351), (219, 16390), (222, 16399), (226, 16411), (301, 16633), (317, 16687),

Gene: Horchata_13 Start: 11601, Stop: 12404, Start Num: 33
Candidate Starts for Horchata_13:
(Start: 33 @11601 has 380 MA's), (Start: 45 @11622 has 2 MA's), (Start: 51 @11634 has 45 MA's), (Start: 55 @11646 has 20 MA's), (117, 11808), (142, 11877), (157, 11925), (181, 11997), (202, 12042), (207, 12066), (227, 12117), (256, 12171), (271, 12228), (284, 12267),

Gene: Hosp_09 Start: 10034, Stop: 10801, Start Num: 33
Candidate Starts for Hosp_09:
(Start: 33 @10034 has 380 MA's), (Start: 45 @10055 has 2 MA's), (140, 10295), (164, 10370), (195, 10451), (258, 10610), (263, 10628), (295, 10706), (304, 10736),

Gene: Hydro_13 Start: 13343, Stop: 14137, Start Num: 33
Candidate Starts for Hydro_13:
(Start: 33 @13343 has 380 MA's), (Start: 45 @13364 has 2 MA's), (Start: 51 @13376 has 45 MA's), (Start: 86 @13475 has 2 MA's), (140, 13613), (157, 13667), (164, 13688), (171, 13709), (173, 13715), (181, 13739), (203, 13802), (218, 13844), (258, 13940), (271, 13982), (285, 14024), (304, 14066), (318, 14114),

Gene: Hyperion_25 Start: 16168, Stop: 16902, Start Num: 52
Candidate Starts for Hyperion_25:
(Start: 47 @16159 has 1 MA's), (Start: 52 @16168 has 56 MA's), (71, 16228), (145, 16420), (205, 16582), (214, 16609), (222, 16630), (230, 16651), (246, 16678), (247, 16681), (257, 16717), (270, 16750), (279, 16777),

Gene: ImtiyazSitla_12 Start: 11149, Stop: 11946, Start Num: 33
Candidate Starts for ImtiyazSitla_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: Imvubu_10 Start: 10724, Stop: 11518, Start Num: 33
Candidate Starts for Imvubu_10:
(Start: 33 @10724 has 380 MA's), (Start: 51 @10748 has 45 MA's), (105, 10889), (142, 10988), (172, 11081), (173, 11084), (189, 11135), (203, 11183), (216, 11222), (228, 11252), (263, 11339), (271,

11363),

Gene: Inchworm_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Inchworm_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Indlovu_13 Start: 13063, Stop: 13839, Start Num: 36
Candidate Starts for Indlovu_13:
(Start: 36 @13063 has 1 MA's), (Start: 45 @13075 has 2 MA's), (172, 13423), (209, 13531), (242, 13600), (258, 13648), (269, 13684), (271, 13690), (283, 13726), (308, 13792), (318, 13822),

Gene: Inspectinfecti_23 Start: 17760, Stop: 18590, Start Num: 38
Candidate Starts for Inspectinfecti_23:
(Start: 38 @17760 has 16 MA's), (41, 17766), (54, 17793), (56, 17799), (75, 17853), (142, 18024), (145, 18036), (170, 18111), (184, 18159), (219, 18261), (244, 18315), (258, 18360), (273, 18417), (305, 18528),

Gene: Inverness_13 Start: 11604, Stop: 12407, Start Num: 33
Candidate Starts for Inverness_13:
(Start: 33 @11604 has 380 MA's), (Start: 45 @11625 has 2 MA's), (Start: 51 @11637 has 45 MA's), (Start: 55 @11649 has 20 MA's), (117, 11811), (142, 11880), (157, 11928), (181, 12000), (202, 12045), (207, 12069), (227, 12120), (256, 12174), (271, 12231), (284, 12270),

Gene: Iridessa_13 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Iridessa_13:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Iridoclysis_13 Start: 11606, Stop: 12403, Start Num: 33
Candidate Starts for Iridoclysis_13:
(Start: 33 @11606 has 380 MA's), (Start: 45 @11627 has 2 MA's), (Start: 51 @11639 has 45 MA's), (Start: 55 @11651 has 20 MA's), (117, 11813), (142, 11882), (157, 11930), (181, 12002), (202, 12047), (207, 12071), (227, 12122), (256, 12176), (271, 12233), (284, 12272),

Gene: IsaacEli_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for IsaacEli_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: ItsyBitsy1_16 Start: 14526, Stop: 15344, Start Num: 32
Candidate Starts for ItsyBitsy1_16:
(Start: 32 @14526 has 37 MA's), (Start: 86 @14670 has 2 MA's), (119, 14751), (138, 14805), (140, 14811), (159, 14871), (172, 14910), (187, 14949), (203, 14988), (242, 15084), (258, 15132), (271, 15174), (283, 15210), (308, 15276),

Gene: JAMaL_13 Start: 13517, Stop: 14314, Start Num: 33
Candidate Starts for JAMaL_13:
(Start: 33 @13517 has 380 MA's), (Start: 45 @13535 has 2 MA's), (Start: 50 @13544 has 48 MA's), (67, 13601), (Start: 86 @13646 has 2 MA's), (140, 13784), (157, 13838), (164, 13859), (171, 13880),

(173, 13886), (218, 14015), (256, 14102), (258, 14117), (263, 14135), (271, 14159), (285, 14201), (304, 14243), (318, 14291),

Gene: JDog_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for JDog_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: JKSyngboy_20 Start: 17230, Stop: 18057, Start Num: 43
Candidate Starts for JKSyngboy_20:
(Start: 43 @17230 has 54 MA's), (48, 17239), (83, 17341), (133, 17455), (170, 17572), (184, 17620), (202, 17671), (219, 17725), (241, 17776), (248, 17794), (258, 17824), (264, 17845), (273, 17881), (284, 17911), (305, 17992), (309, 18010), (314, 18025),

Gene: Jabberwocky_19 Start: 17005, Stop: 17835, Start Num: 43
Candidate Starts for Jabberwocky_19:
(Start: 43 @17005 has 54 MA's), (48, 17014), (83, 17119), (124, 17209), (142, 17263), (149, 17287), (170, 17350), (184, 17398), (193, 17425), (241, 17554), (258, 17602), (273, 17659), (281, 17683), (284, 17689), (301, 17758), (305, 17770), (309, 17788), (314, 17803),

Gene: JacAttac_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for JacAttac_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Jackstina_14 Start: 13066, Stop: 13875, Start Num: 37
Candidate Starts for Jackstina_14:
(Start: 37 @13066 has 53 MA's), (62, 13129), (Start: 86 @13192 has 2 MA's), (127, 13288), (140, 13336), (142, 13342), (157, 13390), (181, 13462), (195, 13492), (197, 13495), (203, 13513), (223, 13573), (233, 13594), (258, 13660), (307, 13801), (308, 13804),

Gene: JaguarMi_14 Start: 13170, Stop: 13970, Start Num: 33
Candidate Starts for JaguarMi_14:
(Start: 33 @13170 has 380 MA's), (Start: 45 @13191 has 2 MA's), (Start: 51 @13203 has 45 MA's), (67, 13257), (Start: 86 @13302 has 2 MA's), (140, 13440), (157, 13494), (164, 13515), (171, 13536), (173, 13542), (218, 13671), (227, 13698), (258, 13773), (259, 13776), (271, 13815), (285, 13857), (304, 13899), (318, 13947),

Gene: JakeO_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for JakeO_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Jambalaya_20 Start: 13611, Stop: 14423, Start Num: 51
Candidate Starts for Jambalaya_20:
(Start: 51 @13611 has 45 MA's), (78, 13692), (138, 13842), (184, 13989), (197, 14025), (239, 14139), (320, 14409),

Gene: JangoPhett_13 Start: 11600, Stop: 12397, Start Num: 33
Candidate Starts for JangoPhett_13:

(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Jbug01_13 Start: 11169, Stop: 11972, Start Num: 33
Candidate Starts for Jbug01_13:
(Start: 33 @11169 has 380 MA's), (Start: 45 @11190 has 2 MA's), (Start: 51 @11202 has 45 MA's), (Start: 55 @11214 has 20 MA's), (142, 11445), (157, 11493), (181, 11565), (202, 11610), (207, 11634), (227, 11685), (256, 11739), (271, 11796), (284, 11835),

Gene: Jefe_28 Start: 15629, Stop: 16459, Start Num: 50
Candidate Starts for Jefe_28:
(Start: 50 @15629 has 48 MA's), (Start: 86 @15740 has 2 MA's), (Start: 120 @15812 has 2 MA's), (142, 15872), (184, 16022), (193, 16049), (202, 16073), (205, 16088), (219, 16127), (222, 16136), (226, 16148), (301, 16370), (317, 16424),

Gene: Jehoshaphat_28 Start: 16624, Stop: 17358, Start Num: 52
Candidate Starts for Jehoshaphat_28:
(Start: 47 @16615 has 1 MA's), (Start: 52 @16624 has 56 MA's), (71, 16684), (104, 16777), (145, 16876), (205, 17038), (222, 17086), (230, 17107), (270, 17206),

Gene: JellyBelly_12 Start: 11678, Stop: 12469, Start Num: 33
Candidate Starts for JellyBelly_12:
(Start: 33 @11678 has 380 MA's), (Start: 51 @11714 has 45 MA's), (68, 11768), (Start: 91 @11834 has 7 MA's), (146, 11972), (203, 12128), (258, 12272), (283, 12350), (307, 12413),

Gene: Jeon_10 Start: 12718, Stop: 13494, Start Num: 39
Candidate Starts for Jeon_10:
(Start: 39 @12718 has 12 MA's), (Start: 51 @12739 has 45 MA's), (Start: 52 @12742 has 56 MA's), (58, 12760), (68, 12793), (88, 12847), (Start: 91 @12853 has 7 MA's), (105, 12886), (157, 13033), (165, 13057), (167, 13063), (201, 13147), (230, 13231), (249, 13273), (283, 13378), (286, 13384), (308, 13444),

Gene: Jesabah_13 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Jesabah_13:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Jillium_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Jillium_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Jiminy_12 Start: 11157, Stop: 11954, Start Num: 33
Candidate Starts for Jiminy_12:
(Start: 33 @11157 has 380 MA's), (Start: 45 @11178 has 2 MA's), (Start: 51 @11190 has 45 MA's), (Start: 55 @11202 has 20 MA's), (117, 11364), (142, 11433), (157, 11481), (181, 11553), (202, 11598), (207, 11622), (227, 11673), (256, 11727), (271, 11784), (284, 11823),

Gene: Jiraiya_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Jiraiya_12:

(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: JohnLord_11 Start: 10078, Stop: 10926, Start Num: 39
Candidate Starts for JohnLord_11:
(Start: 39 @10078 has 12 MA's), (Start: 46 @10093 has 13 MA's), (Start: 86 @10204 has 2 MA's), (Start: 91 @10216 has 7 MA's), (105, 10249), (142, 10351), (157, 10399), (173, 10447), (181, 10471), (201, 10513), (207, 10540), (240, 10615), (245, 10621), (258, 10666), (263, 10684), (285, 10750), (295, 10762), (302, 10786), (307, 10807), (318, 10840),

Gene: JohnPork_20 Start: 13859, Stop: 14671, Start Num: 51
Candidate Starts for JohnPork_20:
(Start: 51 @13859 has 45 MA's), (78, 13940), (138, 14090), (184, 14237), (197, 14273), (239, 14387), (320, 14657),

Gene: Jolie1_011 Start: 11815, Stop: 12582, Start Num: 33
Candidate Starts for Jolie1_011:
(Start: 33 @11815 has 380 MA's), (Start: 45 @11836 has 2 MA's), (164, 12151), (195, 12232), (203, 12253), (258, 12391), (263, 12409), (295, 12487), (304, 12517),

Gene: Jollipop_28 Start: 15974, Stop: 16804, Start Num: 50
Candidate Starts for Jollipop_28:
(Start: 50 @15974 has 48 MA's), (Start: 86 @16085 has 2 MA's), (Start: 120 @16157 has 2 MA's), (142, 16217), (184, 16367), (193, 16394), (202, 16418), (205, 16433), (219, 16472), (222, 16481), (226, 16493), (301, 16715), (317, 16769),

Gene: Jollymon_45 Start: 25052, Stop: 25819, Start Num: 33
Candidate Starts for Jollymon_45:
(Start: 33 @25052 has 380 MA's), (61, 25118), (73, 25154), (147, 25325), (149, 25328), (195, 25466), (201, 25478), (209, 25508), (219, 25532), (275, 25688), (277, 25694), (297, 25733), (307, 25772), (316, 25799),

Gene: JoyceMaria_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for JoyceMaria_13:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (181, 13742), (203, 13805), (218, 13847), (258, 13943), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Judebell_28 Start: 16165, Stop: 16899, Start Num: 52
Candidate Starts for Judebell_28:
(Start: 47 @16156 has 1 MA's), (Start: 52 @16165 has 56 MA's), (71, 16225), (145, 16417), (205, 16579), (222, 16627), (230, 16648), (270, 16747),

Gene: KLucky39_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for KLucky39_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: KSunshine22_77 Start: 46972, Stop: 47841, Start Num: 49
Candidate Starts for KSunshine22_77:

(Start: 49 @46972 has 27 MA's), (63, 47017), (76, 47053), (158, 47305), (197, 47434), (226, 47524), (275, 47656),

Gene: Kahve_12 Start: 11312, Stop: 12115, Start Num: 33
Candidate Starts for Kahve_12:
(Start: 33 @11312 has 380 MA's), (Start: 45 @11333 has 2 MA's), (Start: 51 @11345 has 45 MA's), (Start: 55 @11357 has 20 MA's), (117, 11519), (142, 11588), (157, 11636), (181, 11708), (202, 11753), (207, 11777), (227, 11828), (256, 11882), (271, 11939), (284, 11978),

Gene: KaiHaiDragon_28 Start: 15568, Stop: 16398, Start Num: 50
Candidate Starts for KaiHaiDragon_28:
(Start: 50 @15568 has 48 MA's), (Start: 86 @15679 has 2 MA's), (Start: 120 @15751 has 2 MA's), (142, 15811), (184, 15961), (202, 16012), (205, 16027), (219, 16066), (222, 16075), (226, 16087), (301, 16309), (317, 16363),

Gene: Kailash_13 Start: 11611, Stop: 12408, Start Num: 33
Candidate Starts for Kailash_13:
(Start: 33 @11611 has 380 MA's), (Start: 45 @11632 has 2 MA's), (Start: 51 @11644 has 45 MA's), (Start: 55 @11656 has 20 MA's), (142, 11887), (157, 11935), (181, 12007), (202, 12052), (207, 12076), (227, 12127), (256, 12181), (271, 12238), (284, 12277),

Gene: Kaleb_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for Kaleb_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (119, 14877), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: Kamashten_22 Start: 17689, Stop: 18519, Start Num: 43
Candidate Starts for Kamashten_22:
(Start: 43 @17689 has 54 MA's), (48, 17698), (83, 17803), (124, 17893), (142, 17947), (149, 17971), (170, 18034), (184, 18082), (193, 18109), (241, 18238), (258, 18286), (273, 18343), (281, 18367), (284, 18373), (301, 18442), (305, 18454), (309, 18472), (314, 18487),

Gene: Kamiyu_15 Start: 13111, Stop: 13920, Start Num: 37
Candidate Starts for Kamiyu_15:
(Start: 37 @13111 has 53 MA's), (62, 13174), (Start: 86 @13237 has 2 MA's), (127, 13333), (140, 13381), (142, 13387), (157, 13435), (181, 13507), (195, 13537), (203, 13558), (223, 13618), (233, 13639), (258, 13705), (307, 13846), (308, 13849),

Gene: KarasumaRum_15 Start: 13490, Stop: 14296, Start Num: 33
Candidate Starts for KarasumaRum_15:
(Start: 33 @13490 has 380 MA's), (141, 13784), (167, 13865), (181, 13907), (205, 13970), (209, 13982), (235, 14042), (258, 14099), (271, 14141), (302, 14219), (318, 14273),

Gene: Karn_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Karn_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Katniss_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for Katniss_13:

(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: KayaCho_11 Start: 11827, Stop: 12594, Start Num: 33
Candidate Starts for KayaCho_11:
(Start: 33 @11827 has 380 MA's), (Start: 45 @11848 has 2 MA's), (164, 12163), (195, 12244), (259, 12406), (285, 12487), (304, 12529),

Gene: Keitabear_23 Start: 19226, Stop: 20056, Start Num: 43
Candidate Starts for Keitabear_23:
(Start: 43 @19226 has 54 MA's), (48, 19235), (83, 19340), (97, 19388), (124, 19430), (133, 19454), (149, 19508), (170, 19571), (184, 19619), (193, 19646), (241, 19775), (258, 19823), (273, 19880), (281, 19904), (284, 19910), (301, 19979), (305, 19991), (309, 20009), (314, 20024),

Gene: Keitherie_13 Start: 11616, Stop: 12413, Start Num: 33
Candidate Starts for Keitherie_13:
(Start: 33 @11616 has 380 MA's), (Start: 45 @11637 has 2 MA's), (Start: 51 @11649 has 45 MA's), (Start: 55 @11661 has 20 MA's), (117, 11823), (142, 11892), (157, 11940), (181, 12012), (202, 12057), (207, 12081), (227, 12132), (256, 12186), (271, 12243), (284, 12282),

Gene: Kelcole_24 Start: 14867, Stop: 15604, Start Num: 52
Candidate Starts for Kelcole_24:
(Start: 47 @14858 has 1 MA's), (Start: 52 @14867 has 56 MA's), (110, 15038), (172, 15194), (219, 15317), (222, 15326), (229, 15344), (257, 15416), (276, 15470), (305, 15563),

Gene: Kewpiedoll_22 Start: 17077, Stop: 17907, Start Num: 43
Candidate Starts for Kewpiedoll_22:
(Start: 43 @17077 has 54 MA's), (48, 17086), (83, 17191), (124, 17281), (133, 17305), (142, 17335), (149, 17359), (170, 17422), (184, 17470), (193, 17497), (241, 17626), (258, 17674), (273, 17731), (284, 17761), (301, 17830), (305, 17842), (309, 17860), (314, 17875),

Gene: Khan1_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Khan1_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Kheth_16 Start: 14535, Stop: 15353, Start Num: 32
Candidate Starts for Kheth_16:
(Start: 32 @14535 has 37 MA's), (Start: 86 @14679 has 2 MA's), (119, 14760), (138, 14814), (140, 14820), (159, 14880), (172, 14919), (187, 14958), (203, 14997), (242, 15093), (258, 15141), (271, 15183), (283, 15219), (308, 15285),

Gene: Kikipoo_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Kikipoo_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: KillerQueen_26 Start: 14689, Stop: 15426, Start Num: 52
Candidate Starts for KillerQueen_26:

(Start: 47 @14680 has 1 MA's), (Start: 52 @14689 has 56 MA's), (110, 14860), (172, 15016), (219, 15139), (222, 15148), (229, 15166), (257, 15238), (276, 15292), (305, 15385),

Gene: Kimbrough_13 Start: 11312, Stop: 12115, Start Num: 33
Candidate Starts for Kimbrough_13:
(Start: 33 @11312 has 380 MA's), (Start: 45 @11333 has 2 MA's), (Start: 51 @11345 has 45 MA's), (Start: 55 @11357 has 20 MA's), (117, 11519), (142, 11588), (157, 11636), (181, 11708), (202, 11753), (207, 11777), (227, 11828), (256, 11882), (271, 11939), (284, 11978),

Gene: KimmyK_22 Start: 14500, Stop: 15312, Start Num: 51
Candidate Starts for KimmyK_22:
(Start: 51 @14500 has 45 MA's), (78, 14581), (138, 14731), (184, 14878), (197, 14914), (239, 15028), (320, 15298),

Gene: KingTut_12 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for KingTut_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: KingVeVeVe_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for KingVeVeVe_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: KingstonB_43 Start: 24560, Stop: 25327, Start Num: 33
Candidate Starts for KingstonB_43:
(Start: 33 @24560 has 380 MA's), (61, 24626), (73, 24662), (147, 24833), (149, 24836), (201, 24986), (219, 25040), (275, 25196), (277, 25202), (307, 25280), (316, 25307),

Gene: Kithara_26 Start: 16496, Stop: 17302, Start Num: 43
Candidate Starts for Kithara_26:
(Start: 43 @16496 has 54 MA's), (79, 16589), (107, 16664), (124, 16691), (136, 16724), (140, 16739), (189, 16892), (207, 16943), (212, 16955), (241, 17024), (301, 17219), (304, 17228), (322, 17285),

Gene: Kiwot_12 Start: 11157, Stop: 11960, Start Num: 33
Candidate Starts for Kiwot_12:
(Start: 33 @11157 has 380 MA's), (Start: 45 @11178 has 2 MA's), (Start: 51 @11190 has 45 MA's), (Start: 55 @11202 has 20 MA's), (117, 11364), (142, 11433), (157, 11481), (181, 11553), (202, 11598), (207, 11622), (227, 11673), (256, 11727), (271, 11784), (284, 11823),

Gene: KlimbOn_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for KlimbOn_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Kloppinator_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Kloppinator_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Knocker_18 Start: 15870, Stop: 16694, Start Num: 33
Candidate Starts for Knocker_18:
(Start: 33 @15870 has 380 MA's), (Start: 51 @15894 has 45 MA's), (61, 15927), (82, 15972), (101, 16029), (113, 16059), (117, 16068), (140, 16155), (142, 16161), (167, 16239), (193, 16302), (216, 16377), (240, 16425), (253, 16452), (271, 16527), (295, 16581), (304, 16611),

Gene: Kolhan_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Kolhan_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: Kowalski_27 Start: 15684, Stop: 16514, Start Num: 50
Candidate Starts for Kowalski_27:
(Start: 50 @15684 has 48 MA's), (Start: 86 @15795 has 2 MA's), (Start: 120 @15867 has 2 MA's), (142, 15927), (184, 16077), (193, 16104), (202, 16128), (205, 16143), (219, 16182), (222, 16191), (226, 16203), (301, 16425), (317, 16479),

Gene: Kronus_14 Start: 13723, Stop: 14532, Start Num: 37
Candidate Starts for Kronus_14:
(Start: 37 @13723 has 53 MA's), (62, 13786), (Start: 86 @13849 has 2 MA's), (127, 13945), (140, 13993), (142, 13999), (157, 14047), (181, 14119), (195, 14149), (203, 14170), (223, 14230), (233, 14251), (258, 14317), (307, 14458), (308, 14461),

Gene: Kroos_22 Start: 17329, Stop: 18156, Start Num: 43
Candidate Starts for Kroos_22:
(Start: 43 @17329 has 54 MA's), (48, 17338), (83, 17440), (90, 17467), (124, 17530), (133, 17554), (170, 17671), (184, 17719), (202, 17770), (219, 17824), (241, 17875), (248, 17893), (258, 17923), (264, 17944), (273, 17980), (284, 18010), (305, 18091), (309, 18109), (314, 18124),

Gene: Kubulix_28 Start: 16222, Stop: 16980, Start Num: 55
Candidate Starts for Kubulix_28:
(Start: 55 @16222 has 20 MA's), (112, 16366), (151, 16462), (173, 16528), (186, 16570), (195, 16600), (288, 16867),

Gene: Kwadwo_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Kwadwo_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Kwekel_21 Start: 15688, Stop: 16518, Start Num: 38
Candidate Starts for Kwekel_21:
(Start: 38 @15688 has 16 MA's), (75, 15778), (95, 15856), (163, 16018), (176, 16060), (184, 16087), (208, 16162), (219, 16189), (241, 16240), (281, 16369), (284, 16375), (290, 16396), (305, 16456), (308, 16471),

Gene: Kwksand96_12 Start: 11155, Stop: 11958, Start Num: 33
Candidate Starts for Kwksand96_12:
(Start: 33 @11155 has 380 MA's), (Start: 45 @11176 has 2 MA's), (Start: 51 @11188 has 45 MA's), (Start: 55 @11200 has 20 MA's), (117, 11362), (142, 11431), (157, 11479), (181, 11551), (202, 11596), (207, 11620), (227, 11671), (256, 11725), (271, 11782), (284, 11821),

Gene: Kwobi_23 Start: 17311, Stop: 18138, Start Num: 43
Candidate Starts for Kwobi_23:
(Start: 43 @17311 has 54 MA's), (48, 17320), (83, 17422), (124, 17512), (170, 17653), (184, 17701), (202, 17752), (219, 17806), (241, 17857), (248, 17875), (258, 17905), (264, 17926), (273, 17962), (284, 17992), (305, 18073), (309, 18091), (314, 18106),

Gene: Kyva_28 Start: 16416, Stop: 17150, Start Num: 52
Candidate Starts for Kyva_28:
(Start: 47 @16407 has 1 MA's), (Start: 52 @16416 has 56 MA's), (71, 16476), (145, 16668), (205, 16830), (214, 16857), (222, 16878), (230, 16899), (246, 16926), (247, 16929), (257, 16965), (270, 16998), (279, 17025),

Gene: Labeouficaum_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Labeouficaum_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Lambano_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Lambano_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Lars_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for Lars_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (119, 14877), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: Larson_14 Start: 11619, Stop: 12416, Start Num: 33
Candidate Starts for Larson_14:
(Start: 33 @11619 has 380 MA's), (Start: 45 @11640 has 2 MA's), (Start: 51 @11652 has 45 MA's), (Start: 55 @11664 has 20 MA's), (117, 11826), (142, 11895), (157, 11943), (181, 12015), (202, 12060), (207, 12084), (227, 12135), (256, 12189), (271, 12246), (284, 12285),

Gene: LasagnaCat_13 Start: 11611, Stop: 12408, Start Num: 33
Candidate Starts for LasagnaCat_13:
(Start: 33 @11611 has 380 MA's), (Start: 45 @11632 has 2 MA's), (Start: 51 @11644 has 45 MA's), (Start: 55 @11656 has 20 MA's), (117, 11818), (142, 11887), (157, 11935), (181, 12007), (202, 12052), (207, 12076), (227, 12127), (256, 12181), (271, 12238), (284, 12277),

Gene: Lasso_13 Start: 11593, Stop: 12396, Start Num: 33
Candidate Starts for Lasso_13:
(Start: 33 @11593 has 380 MA's), (Start: 45 @11614 has 2 MA's), (Start: 51 @11626 has 45 MA's), (Start: 55 @11638 has 20 MA's), (117, 11800), (142, 11869), (157, 11917), (181, 11989), (202, 12034), (207, 12058), (227, 12109), (256, 12163), (271, 12220), (284, 12259),

Gene: Laure_84 Start: 49862, Stop: 50731, Start Num: 49
Candidate Starts for Laure_84:

(Start: 49 @49862 has 27 MA's), (76, 49943), (98, 50015), (115, 50054), (139, 50126), (159, 50198), (197, 50324), (213, 50378), (275, 50546),

Gene: Laurie_16 Start: 14530, Stop: 15348, Start Num: 32
Candidate Starts for Laurie_16:
(Start: 32 @14530 has 37 MA's), (Start: 86 @14674 has 2 MA's), (88, 14680), (138, 14809), (140, 14815), (159, 14875), (172, 14914), (187, 14953), (203, 14992), (242, 15088), (258, 15136), (271, 15178), (283, 15214), (308, 15280),

Gene: Leaf_62 Start: 32410, Stop: 33225, Start Num: 50
Candidate Starts for Leaf_62:
(Start: 50 @32410 has 48 MA's), (Start: 74 @32482 has 6 MA's), (Start: 86 @32524 has 2 MA's), (130, 32614), (132, 32623), (192, 32800), (226, 32899), (258, 32977), (282, 33028),

Gene: LeeLot_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for LeeLot_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Lego3393_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Lego3393_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Legolas_12 Start: 11307, Stop: 12110, Start Num: 33
Candidate Starts for Legolas_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: Lehmann_13 Start: 11152, Stop: 11955, Start Num: 33
Candidate Starts for Lehmann_13:
(Start: 33 @11152 has 380 MA's), (Start: 45 @11173 has 2 MA's), (Start: 51 @11185 has 45 MA's), (Start: 55 @11197 has 20 MA's), (117, 11359), (142, 11428), (157, 11476), (181, 11548), (202, 11593), (207, 11617), (227, 11668), (256, 11722), (271, 11779), (284, 11818),

Gene: LeiMonet_13 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for LeiMonet_13:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: LemonSlice_13 Start: 11313, Stop: 12116, Start Num: 33
Candidate Starts for LemonSlice_13:
(Start: 33 @11313 has 380 MA's), (Start: 45 @11334 has 2 MA's), (Start: 51 @11346 has 45 MA's), (Start: 55 @11358 has 20 MA's), (117, 11520), (142, 11589), (157, 11637), (181, 11709), (202, 11754), (207, 11778), (227, 11829), (256, 11883), (271, 11940), (284, 11979),

Gene: Lennon_23 Start: 18329, Stop: 19159, Start Num: 43
Candidate Starts for Lennon_23:

(Start: 43 @18329 has 54 MA's), (48, 18338), (83, 18443), (124, 18533), (133, 18557), (142, 18587), (149, 18611), (170, 18674), (184, 18722), (193, 18749), (241, 18878), (258, 18926), (273, 18983), (281, 19007), (284, 19013), (301, 19082), (305, 19094), (309, 19112), (314, 19127),

Gene: LeoJr_82 Start: 49005, Stop: 49877, Start Num: 49
Candidate Starts for LeoJr_82:
(Start: 49 @49005 has 27 MA's), (63, 49050), (197, 49467), (275, 49692),

Gene: Leonard_22 Start: 17355, Stop: 18185, Start Num: 38
Candidate Starts for Leonard_22:
(Start: 38 @17355 has 16 MA's), (41, 17361), (54, 17388), (56, 17394), (75, 17448), (142, 17619), (145, 17631), (170, 17706), (184, 17754), (219, 17856), (244, 17910), (256, 17940), (258, 17955), (273, 18012), (305, 18123),

Gene: Lephleur_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Lephleur_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: LestyG_15 Start: 13144, Stop: 13953, Start Num: 37
Candidate Starts for LestyG_15:
(Start: 37 @13144 has 53 MA's), (62, 13207), (Start: 86 @13270 has 2 MA's), (127, 13366), (140, 13414), (142, 13420), (157, 13468), (181, 13540), (195, 13570), (197, 13573), (203, 13591), (223, 13651), (233, 13672), (258, 13738), (307, 13879), (308, 13882),

Gene: Ligma_12 Start: 11636, Stop: 12418, Start Num: 33
Candidate Starts for Ligma_12:
(Start: 33 @11636 has 380 MA's), (40, 11648), (68, 11726), (271, 12272), (275, 12287), (283, 12308), (302, 12350), (304, 12356), (314, 12395),

Gene: LilCahh_25 Start: 15721, Stop: 16455, Start Num: 52
Candidate Starts for LilCahh_25:
(Start: 47 @15712 has 1 MA's), (Start: 52 @15721 has 56 MA's), (104, 15874), (145, 15973), (205, 16135), (222, 16183), (230, 16204), (246, 16231), (270, 16303), (279, 16330), (297, 16390),

Gene: LilHam_19 Start: 15890, Stop: 16717, Start Num: 43
Candidate Starts for LilHam_19:
(Start: 43 @15890 has 54 MA's), (48, 15899), (83, 16001), (133, 16115), (170, 16232), (184, 16280), (202, 16331), (219, 16385), (241, 16436), (248, 16454), (258, 16484), (264, 16505), (273, 16541), (284, 16571), (305, 16652), (309, 16670), (314, 16685),

Gene: LilMcDreamy_14 Start: 14087, Stop: 14896, Start Num: 33
Candidate Starts for LilMcDreamy_14:
(Start: 33 @14087 has 380 MA's), (82, 14222), (Start: 86 @14240 has 2 MA's), (157, 14441), (164, 14462), (167, 14471), (173, 14489), (181, 14513), (258, 14705), (285, 14789), (304, 14831), (312, 14867),

Gene: LilSmirk_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for LilSmirk_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: Lilbeanie_19 Start: 12678, Stop: 13550, Start Num: 45
Candidate Starts for Lilbeanie_19:
(Start: 45 @12678 has 2 MA's), (142, 12936), (152, 12969), (167, 13014), (184, 13089), (203, 13146), (210, 13173), (219, 13194), (226, 13215), (230, 13224), (239, 13242), (241, 13245), (248, 13263), (250, 13266), (258, 13293), (284, 13386), (301, 13455), (309, 13485), (320, 13518),

Gene: LittleDigger_12 Start: 12259, Stop: 13053, Start Num: 33
Candidate Starts for LittleDigger_12:
(Start: 33 @12259 has 380 MA's), (Start: 45 @12280 has 2 MA's), (Start: 50 @12289 has 48 MA's), (67, 12346), (Start: 86 @12391 has 2 MA's), (140, 12529), (157, 12583), (164, 12604), (171, 12625), (173, 12631), (218, 12760), (258, 12856), (263, 12874), (271, 12898), (285, 12940), (304, 12982), (318, 13030),

Gene: LittleFortune_29 Start: 15934, Stop: 16764, Start Num: 50
Candidate Starts for LittleFortune_29:
(Start: 50 @15934 has 48 MA's), (Start: 86 @16045 has 2 MA's), (Start: 120 @16117 has 2 MA's), (142, 16177), (184, 16327), (193, 16354), (202, 16378), (205, 16393), (219, 16432), (222, 16441), (226, 16453), (287, 16621), (301, 16675), (317, 16729),

Gene: LittleMinkey_19 Start: 12923, Stop: 13693, Start Num: 33
Candidate Starts for LittleMinkey_19:
(Start: 33 @12923 has 380 MA's), (Start: 45 @12935 has 2 MA's), (Start: 86 @13043 has 2 MA's), (117, 13121), (141, 13187), (194, 13337), (203, 13364), (209, 13385), (258, 13502), (271, 13544), (285, 13586), (304, 13628),

Gene: LittleMunchkin_13 Start: 12925, Stop: 13710, Start Num: 33
Candidate Starts for LittleMunchkin_13:
(Start: 33 @12925 has 380 MA's), (68, 13018), (78, 13042), (159, 13261), (176, 13315), (203, 13378), (222, 13432), (263, 13540), (275, 13579), (295, 13618), (308, 13666),

Gene: LizLemon_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for LizLemon_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (88, 14802), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: Llemily_25 Start: 15400, Stop: 16134, Start Num: 52
Candidate Starts for Llemily_25:
(Start: 47 @15391 has 1 MA's), (Start: 52 @15400 has 56 MA's), (71, 15460), (104, 15553), (145, 15652), (205, 15814), (222, 15862), (230, 15883), (270, 15982),

Gene: Lolalove_13 Start: 13343, Stop: 14137, Start Num: 33
Candidate Starts for Lolalove_13:
(Start: 33 @13343 has 380 MA's), (Start: 45 @13364 has 2 MA's), (Start: 51 @13376 has 45 MA's), (Start: 86 @13475 has 2 MA's), (140, 13613), (157, 13667), (164, 13688), (171, 13709), (173, 13715), (181, 13739), (203, 13802), (218, 13844), (258, 13940), (271, 13982), (285, 14024), (304, 14066), (318, 14114),

Gene: Lonelysoil_25 Start: 15645, Stop: 16379, Start Num: 52
Candidate Starts for Lonelysoil_25:
(Start: 47 @15636 has 1 MA's), (Start: 52 @15645 has 56 MA's), (71, 15705), (104, 15798), (145, 15897), (205, 16059), (222, 16107), (230, 16128), (270, 16227),

Gene: Longacauda_12 Start: 11305, Stop: 12102, Start Num: 33
Candidate Starts for Longacauda_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Lopsy_12 Start: 11149, Stop: 11952, Start Num: 33
Candidate Starts for Lopsy_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (117, 11356), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: LostAndPhound_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for LostAndPhound_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Love_23 Start: 17204, Stop: 18034, Start Num: 43
Candidate Starts for Love_23:
(Start: 43 @17204 has 54 MA's), (48, 17213), (83, 17318), (124, 17408), (142, 17462), (149, 17486), (170, 17549), (184, 17597), (193, 17624), (203, 17654), (241, 17753), (258, 17801), (273, 17858), (281, 17882), (284, 17888), (301, 17957), (305, 17969), (309, 17987), (314, 18002),

Gene: LuckyMarjie_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for LuckyMarjie_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Lucretia_28 Start: 15804, Stop: 16451, Start Num: 120
Candidate Starts for Lucretia_28:
(Start: 50 @15621 has 48 MA's), (Start: 86 @15732 has 2 MA's), (Start: 120 @15804 has 2 MA's), (142, 15864), (184, 16014), (193, 16041), (202, 16065), (205, 16080), (219, 16119), (222, 16128), (226, 16140), (301, 16362), (317, 16416),

Gene: Lulumae_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Lulumae_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Lulwa_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Lulwa_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Lumine_12 Start: 11297, Stop: 12094, Start Num: 33
Candidate Starts for Lumine_12:
(Start: 33 @11297 has 380 MA's), (Start: 45 @11318 has 2 MA's), (Start: 51 @11330 has 45 MA's), (Start: 55 @11342 has 20 MA's), (142, 11573), (157, 11621), (181, 11693), (202, 11738), (207, 11762),

(227, 11813), (256, 11867), (271, 11924), (284, 11963),

Gene: MRabcd_12 Start: 11306, Stop: 12109, Start Num: 33
Candidate Starts for MRabcd_12:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Mag7_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Mag7_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Magic8_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Magic8_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Magpie_13 Start: 13501, Stop: 14295, Start Num: 33
Candidate Starts for Magpie_13:
(Start: 33 @13501 has 380 MA's), (Start: 45 @13522 has 2 MA's), (Start: 86 @13633 has 2 MA's), (140, 13771), (157, 13825), (164, 13846), (171, 13867), (173, 13873), (203, 13960), (218, 14002), (258, 14098), (259, 14101), (271, 14140), (285, 14182), (304, 14224), (318, 14272),

Gene: Maih_14 Start: 15543, Stop: 16439, Start Num: 51
Candidate Starts for Maih_14:
(Start: 51 @15543 has 45 MA's), (77, 15621), (83, 15645), (89, 15669), (92, 15678), (117, 15741), (162, 15873), (167, 15888), (177, 15921), (183, 15942), (197, 15981), (201, 15990), (222, 16056), (223, 16062), (226, 16068), (241, 16098), (254, 16128), (258, 16152), (281, 16257), (292, 16290), (304, 16341), (308, 16359), (320, 16398), (328, 16425),

Gene: Makar_46 Start: 25059, Stop: 25826, Start Num: 33
Candidate Starts for Makar_46:
(Start: 33 @25059 has 380 MA's), (73, 25161), (Start: 86 @25191 has 2 MA's), (98, 25221), (179, 25425), (195, 25473), (206, 25509), (275, 25695),

Gene: MakoManhole_14 Start: 13114, Stop: 13887, Start Num: 33
Candidate Starts for MakoManhole_14:
(Start: 33 @13114 has 380 MA's), (Start: 86 @13246 has 2 MA's), (173, 13477), (201, 13543), (203, 13552), (258, 13696), (304, 13822), (307, 13837),

Gene: Mana_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Mana_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Manad_12 Start: 11153, Stop: 11956, Start Num: 33
Candidate Starts for Manad_12:
(Start: 33 @11153 has 380 MA's), (Start: 45 @11174 has 2 MA's), (Start: 51 @11186 has 45 MA's), (Start: 55 @11198 has 20 MA's), (117, 11360), (142, 11429), (157, 11477), (181, 11549), (202, 11594),

(207, 11618), (227, 11669), (256, 11723), (271, 11780), (284, 11819),

Gene: Mao1_10 Start: 10771, Stop: 11619, Start Num: 39
Candidate Starts for Mao1_10:
(Start: 39 @10771 has 12 MA's), (Start: 46 @10786 has 13 MA's), (Start: 86 @10897 has 2 MA's), (Start: 91 @10909 has 7 MA's), (105, 10942), (142, 11044), (157, 11092), (173, 11140), (181, 11164), (201, 11206), (207, 11233), (240, 11308), (245, 11314), (256, 11344), (258, 11359), (263, 11377), (285, 11443), (295, 11455), (302, 11479), (307, 11500), (318, 11533),

Gene: Marcie_30 Start: 15548, Stop: 16285, Start Num: 52
Candidate Starts for Marcie_30:
(Start: 47 @15539 has 1 MA's), (Start: 52 @15548 has 56 MA's), (110, 15719), (172, 15875), (219, 15998), (222, 16007), (229, 16025), (257, 16097), (302, 16235), (305, 16244),

Gene: Mareelih_86 Start: 43145, Stop: 43834, Start Num: 91
Candidate Starts for Mareelih_86:
(Start: 91 @43145 has 7 MA's), (122, 43220), (143, 43298), (166, 43370), (170, 43382), (174, 43394), (199, 43469), (212, 43511), (248, 43601), (260, 43643), (277, 43697), (300, 43751), (314, 43799),

Gene: Margaery_23 Start: 15201, Stop: 15968, Start Num: 74
Candidate Starts for Margaery_23:
(13, 14967), (16, 14985), (20, 15018), (Start: 51 @15132 has 45 MA's), (Start: 74 @15201 has 6 MA's), (154, 15423), (180, 15516), (191, 15555), (219, 15639), (222, 15648), (257, 15732), (276, 15768), (281, 15783), (308, 15885), (323, 15930), (331, 15957),

Gene: Mariokart_12 Start: 11678, Stop: 12469, Start Num: 33
Candidate Starts for Mariokart_12:
(Start: 33 @11678 has 380 MA's), (Start: 51 @11714 has 45 MA's), (68, 11768), (Start: 91 @11834 has 7 MA's), (146, 11972), (203, 12128), (258, 12272), (283, 12350), (307, 12413),

Gene: Marley1013_15 Start: 13924, Stop: 14733, Start Num: 37
Candidate Starts for Marley1013_15:
(Start: 37 @13924 has 53 MA's), (62, 13987), (Start: 86 @14050 has 2 MA's), (127, 14146), (140, 14194), (142, 14200), (157, 14248), (181, 14320), (195, 14350), (203, 14371), (223, 14431), (233, 14452), (258, 14518), (307, 14659), (308, 14662),

Gene: Marlia_15 Start: 13126, Stop: 13935, Start Num: 37
Candidate Starts for Marlia_15:
(Start: 37 @13126 has 53 MA's), (62, 13189), (Start: 86 @13252 has 2 MA's), (127, 13348), (140, 13396), (142, 13402), (157, 13450), (181, 13522), (195, 13552), (203, 13573), (223, 13633), (233, 13654), (258, 13720), (307, 13861), (308, 13864),

Gene: Maru_12 Start: 11307, Stop: 12110, Start Num: 33
Candidate Starts for Maru_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: Mashley_24 Start: 15979, Stop: 16713, Start Num: 52
Candidate Starts for Mashley_24:
(Start: 47 @15970 has 1 MA's), (Start: 52 @15979 has 56 MA's), (71, 16039), (145, 16231), (205, 16393), (214, 16420), (222, 16441), (230, 16462), (246, 16489), (247, 16492), (257, 16528), (270, 16561), (279, 16588),

Gene: Mask_11 Start: 10772, Stop: 11620, Start Num: 39
Candidate Starts for Mask_11:
(Start: 39 @10772 has 12 MA's), (Start: 46 @10787 has 13 MA's), (Start: 86 @10898 has 2 MA's), (Start: 91 @10910 has 7 MA's), (105, 10943), (142, 11045), (157, 11093), (173, 11141), (181, 11165), (201, 11207), (207, 11234), (240, 11309), (245, 11315), (256, 11345), (258, 11360), (263, 11378), (285, 11444), (295, 11456), (302, 11480), (307, 11501), (318, 11534),

Gene: Maskar_12 Start: 11149, Stop: 11946, Start Num: 33
Candidate Starts for Maskar_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: MasterPo_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for MasterPo_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: Matalotodo_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Matalotodo_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Matzah_24 Start: 15224, Stop: 15985, Start Num: 74
Candidate Starts for Matzah_24:
(Start: 51 @15155 has 45 MA's), (Start: 74 @15224 has 6 MA's), (133, 15377), (180, 15539), (205, 15623), (219, 15662), (222, 15671), (257, 15755), (258, 15758), (276, 15791), (281, 15806), (289, 15830), (300, 15878), (308, 15908), (311, 15917), (323, 15953),

Gene: McCrothy_22 Start: 17073, Stop: 17903, Start Num: 43
Candidate Starts for McCrothy_22:
(Start: 43 @17073 has 54 MA's), (48, 17082), (83, 17187), (124, 17277), (142, 17331), (149, 17355), (170, 17418), (184, 17466), (193, 17493), (201, 17514), (203, 17523), (241, 17622), (258, 17670), (273, 17727), (281, 17751), (284, 17757), (301, 17826), (305, 17838), (309, 17856), (314, 17871),

Gene: McKinley_22 Start: 17230, Stop: 18060, Start Num: 43
Candidate Starts for McKinley_22:
(Start: 43 @17230 has 54 MA's), (48, 17239), (83, 17344), (124, 17434), (142, 17488), (149, 17512), (170, 17575), (184, 17623), (193, 17650), (203, 17680), (241, 17779), (258, 17827), (273, 17884), (281, 17908), (284, 17914), (301, 17983), (305, 17995), (309, 18013), (314, 18028),

Gene: Mcshane_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Mcshane_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Mecca_12 Start: 11306, Stop: 12103, Start Num: 33
Candidate Starts for Mecca_12:

(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Megabear_10 Start: 12673, Stop: 13449, Start Num: 39
Candidate Starts for Megabear_10:
(Start: 39 @12673 has 12 MA's), (Start: 51 @12694 has 45 MA's), (Start: 52 @12697 has 56 MA's), (58, 12715), (68, 12748), (88, 12802), (Start: 91 @12808 has 7 MA's), (105, 12841), (157, 12988), (165, 13012), (167, 13018), (201, 13102), (230, 13186), (249, 13228), (283, 13333), (286, 13339), (308, 13399),

Gene: Megamind20_13 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Megamind20_13:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Megan_22 Start: 16905, Stop: 17714, Start Num: 50
Candidate Starts for Megan_22:
(Start: 50 @16905 has 48 MA's), (84, 17007), (118, 17085), (Start: 120 @17088 has 2 MA's), (142, 17148), (191, 17322), (205, 17364), (219, 17403), (222, 17412), (258, 17499), (301, 17622),

Gene: Megatron_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Megatron_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: MelBins_23 Start: 17556, Stop: 18386, Start Num: 38
Candidate Starts for MelBins_23:
(Start: 38 @17556 has 16 MA's), (41, 17562), (54, 17589), (56, 17595), (75, 17649), (142, 17820), (145, 17832), (184, 17955), (219, 18057), (244, 18111), (256, 18141), (258, 18156), (273, 18213), (305, 18324),

Gene: Melc17_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Melc17_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: MellowYellow_24 Start: 14764, Stop: 15522, Start Num: 55
Candidate Starts for MellowYellow_24:
(Start: 55 @14764 has 20 MA's), (112, 14908), (151, 15004), (173, 15070), (186, 15112), (195, 15142), (288, 15409),

Gene: MelsMeow_12 Start: 11155, Stop: 11952, Start Num: 33
Candidate Starts for MelsMeow_12:
(Start: 33 @11155 has 380 MA's), (Start: 45 @11176 has 2 MA's), (Start: 51 @11188 has 45 MA's), (Start: 55 @11200 has 20 MA's), (142, 11431), (157, 11479), (181, 11551), (202, 11596), (207, 11620), (227, 11671), (256, 11725), (271, 11782), (284, 11821),

Gene: MementoMori_24 Start: 14946, Stop: 15707, Start Num: 74
Candidate Starts for MementoMori_24:

(Start: 51 @14877 has 45 MA's), (Start: 74 @14946 has 6 MA's), (133, 15099), (180, 15261), (191, 15300), (205, 15345), (219, 15384), (222, 15393), (257, 15477), (258, 15480), (276, 15513), (281, 15528), (289, 15552), (300, 15600), (308, 15630), (311, 15639), (323, 15675), (329, 15696),

Gene: Mentos_28 Start: 17066, Stop: 17800, Start Num: 52
Candidate Starts for Mentos_28:
(Start: 47 @17057 has 1 MA's), (Start: 52 @17066 has 56 MA's), (71, 17126), (145, 17318), (205, 17480), (214, 17507), (222, 17528), (230, 17549), (246, 17576), (247, 17579), (257, 17615), (270, 17648), (279, 17675),

Gene: Merry_ Start: 15926, Stop: 16729, Start Num: 50
Candidate Starts for Merry_:
(Start: 50 @15926 has 48 MA's), (84, 16028), (Start: 86 @16037 has 2 MA's), (89, 16046), (148, 16193), (191, 16340), (210, 16403), (219, 16424), (222, 16433), (287, 16589), (301, 16643), (317, 16697),

Gene: Mesh1_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Mesh1_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Mesmerelda_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Mesmerelda_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Metamorphoo_28 Start: 15526, Stop: 16338, Start Num: 50
Candidate Starts for Metamorphoo_28:
(Start: 50 @15526 has 48 MA's), (84, 15628), (Start: 86 @15637 has 2 MA's), (89, 15646), (118, 15706), (Start: 120 @15709 has 2 MA's), (142, 15769), (180, 15904), (191, 15943), (219, 16027), (222, 16036), (287, 16192), (301, 16246), (317, 16300), (326, 16327),

Gene: MichaelPhcott_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for MichaelPhcott_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Mikota_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Mikota_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Mila11_28 Start: 16952, Stop: 17686, Start Num: 52
Candidate Starts for Mila11_28:
(Start: 47 @16943 has 1 MA's), (Start: 52 @16952 has 56 MA's), (71, 17012), (145, 17204), (205, 17366), (214, 17393), (222, 17414), (229, 17432), (230, 17435), (246, 17462), (247, 17465), (257, 17501), (270, 17534),

Gene: Mimi_82 Start: 49627, Stop: 50496, Start Num: 49

Candidate Starts for Mimi_82:
(Start: 49 @49627 has 27 MA's), (105, 49792), (275, 50311), (281, 50329),

Gene: MiniBoss_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for MiniBoss_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Minnow_12 Start: 11832, Stop: 12599, Start Num: 33
Candidate Starts for Minnow_12:
(Start: 33 @11832 has 380 MA's), (Start: 45 @11853 has 2 MA's), (123, 12042), (140, 12093), (164, 12168), (195, 12249), (259, 12411), (263, 12426), (285, 12492), (304, 12534),

Gene: Mischief19_16 Start: 18095, Stop: 18940, Start Num: 51
Candidate Starts for Mischief19_16:
(Start: 46 @18086 has 13 MA's), (Start: 51 @18095 has 45 MA's), (58, 18116), (60, 18122), (129, 18308), (145, 18362), (162, 18413), (167, 18428), (204, 18542), (206, 18551), (234, 18623), (258, 18689), (281, 18776), (284, 18782), (291, 18806), (308, 18878), (311, 18887), (314, 18899), (319, 18911),

Gene: MitKao_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for MitKao_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Mithril_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Mithril_13:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (181, 13742), (203, 13805), (218, 13847), (258, 13943), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: MmasiCarm_15 Start: 13137, Stop: 13946, Start Num: 37
Candidate Starts for MmasiCarm_15:
(Start: 37 @13137 has 53 MA's), (62, 13200), (Start: 86 @13263 has 2 MA's), (127, 13359), (140, 13407), (142, 13413), (157, 13461), (181, 13533), (195, 13563), (203, 13584), (223, 13644), (233, 13665), (258, 13731), (307, 13872), (308, 13875),

Gene: MoontowerMania_20 Start: 16210, Stop: 17040, Start Num: 43
Candidate Starts for MoontowerMania_20:
(Start: 43 @16210 has 54 MA's), (48, 16219), (83, 16324), (124, 16414), (142, 16468), (149, 16492), (170, 16555), (184, 16603), (193, 16630), (203, 16660), (241, 16759), (258, 16807), (273, 16864), (281, 16888), (284, 16894), (301, 16963), (305, 16975), (309, 16993), (314, 17008),

Gene: Morgushi_13 Start: 11307, Stop: 12110, Start Num: 33
Candidate Starts for Morgushi_13:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: MorillMayhem_26 Start: 15978, Stop: 16712, Start Num: 52

Candidate Starts for MorillMayhem_26:
(Start: 47 @15969 has 1 MA's), (Start: 52 @15978 has 56 MA's), (71, 16038), (145, 16230), (205, 16392), (214, 16419), (222, 16440), (229, 16458), (230, 16461), (246, 16488), (247, 16491), (257, 16527), (270, 16560),

Gene: Mortcellus_14 Start: 13778, Stop: 14587, Start Num: 37
Candidate Starts for Mortcellus_14:
(Start: 37 @13778 has 53 MA's), (62, 13841), (Start: 86 @13904 has 2 MA's), (127, 14000), (140, 14048), (142, 14054), (157, 14102), (181, 14174), (195, 14204), (203, 14225), (223, 14285), (233, 14306), (258, 14372), (307, 14513), (308, 14516),

Gene: Morty_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Morty_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Morty007_15 Start: 13924, Stop: 14733, Start Num: 37
Candidate Starts for Morty007_15:
(Start: 37 @13924 has 53 MA's), (62, 13987), (Start: 86 @14050 has 2 MA's), (127, 14146), (140, 14194), (142, 14200), (157, 14248), (181, 14320), (195, 14350), (203, 14371), (223, 14431), (233, 14452), (258, 14518), (307, 14659), (308, 14662),

Gene: Mosaic_12 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Mosaic_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: MossRose_14 Start: 13114, Stop: 13887, Start Num: 33
Candidate Starts for MossRose_14:
(Start: 33 @13114 has 380 MA's), (Start: 86 @13246 has 2 MA's), (173, 13477), (201, 13543), (203, 13552), (258, 13696), (304, 13822), (307, 13837),

Gene: MrPhizzler_13 Start: 11302, Stop: 12105, Start Num: 33
Candidate Starts for MrPhizzler_13:
(Start: 33 @11302 has 380 MA's), (Start: 45 @11323 has 2 MA's), (Start: 51 @11335 has 45 MA's), (Start: 55 @11347 has 20 MA's), (117, 11509), (142, 11578), (157, 11626), (181, 11698), (202, 11743), (207, 11767), (227, 11818), (256, 11872), (271, 11929), (284, 11968),

Gene: Mudslide_13 Start: 13594, Stop: 14388, Start Num: 33
Candidate Starts for Mudslide_13:
(Start: 33 @13594 has 380 MA's), (Start: 45 @13615 has 2 MA's), (Start: 51 @13627 has 45 MA's), (Start: 86 @13726 has 2 MA's), (140, 13864), (157, 13918), (164, 13939), (171, 13960), (173, 13966), (181, 13990), (203, 14053), (218, 14095), (258, 14191), (259, 14194), (271, 14233), (285, 14275), (304, 14317), (318, 14365),

Gene: Mulan_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Mulan_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Mulaychimus_15 Start: 13117, Stop: 13926, Start Num: 37
Candidate Starts for Mulaychimus_15:
(Start: 37 @13117 has 53 MA's), (62, 13180), (Start: 86 @13243 has 2 MA's), (127, 13339), (140, 13387), (142, 13393), (157, 13441), (181, 13513), (195, 13543), (203, 13564), (223, 13624), (233, 13645), (258, 13711), (307, 13852), (308, 13855),

Gene: Murdoc_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Murdoc_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Mutante_12 Start: 11306, Stop: 12109, Start Num: 33
Candidate Starts for Mutante_12:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Mutzi_22 Start: 14224, Stop: 15036, Start Num: 51
Candidate Starts for Mutzi_22:
(Start: 51 @14224 has 45 MA's), (78, 14305), (138, 14455), (184, 14602), (197, 14638), (239, 14752), (320, 15022),

Gene: Mysterious_14 Start: 13592, Stop: 14398, Start Num: 33
Candidate Starts for Mysterious_14:
(Start: 33 @13592 has 380 MA's), (Start: 45 @13604 has 2 MA's), (72, 13682), (141, 13886), (142, 13889), (157, 13937), (164, 13958), (181, 14009), (205, 14072), (235, 14144), (258, 14201), (302, 14321),

Gene: NHagos_12 Start: 11599, Stop: 12372, Start Num: 33
Candidate Starts for NHagos_12:
(Start: 33 @11599 has 380 MA's), (Start: 51 @11629 has 45 MA's), (69, 11686), (Start: 86 @11731 has 2 MA's), (108, 11785), (203, 12037), (258, 12181), (302, 12301), (308, 12325),

Gene: Nacho_0013 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Nacho_0013:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Namago_26 Start: 15546, Stop: 16280, Start Num: 52
Candidate Starts for Namago_26:
(Start: 47 @15537 has 1 MA's), (Start: 52 @15546 has 56 MA's), (71, 15606), (145, 15798), (205, 15960), (214, 15987), (222, 16008), (230, 16029), (246, 16056), (247, 16059), (257, 16095), (270, 16128), (279, 16155),

Gene: Nanao_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Nanao_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Nangang_14 Start: 13334, Stop: 14140, Start Num: 33
Candidate Starts for Nangang_14:
(Start: 33 @13334 has 380 MA's), (72, 13424), (141, 13628), (167, 13709), (181, 13751), (205, 13814), (209, 13826), (235, 13886), (258, 13943), (271, 13985), (302, 14063), (318, 14117),

Gene: Nathan_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Nathan_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Natkenzie_22 Start: 17540, Stop: 18364, Start Num: 46
Candidate Starts for Natkenzie_22:
(Start: 46 @17540 has 13 MA's), (75, 17612), (93, 17678), (128, 17753), (142, 17795), (162, 17852), (184, 17924), (192, 17945), (200, 17966), (219, 18026), (226, 18047), (236, 18068), (241, 18077), (250, 18098), (258, 18125), (273, 18182), (281, 18206), (284, 18212), (290, 18233), (304, 18290), (310, 18314),

Gene: Nehemiah_13 Start: 13592, Stop: 14398, Start Num: 33
Candidate Starts for Nehemiah_13:
(Start: 33 @13592 has 380 MA's), (Start: 45 @13604 has 2 MA's), (72, 13682), (141, 13886), (142, 13889), (157, 13937), (164, 13958), (181, 14009), (205, 14072), (235, 14144), (258, 14201), (302, 14321),

Gene: Nehme_12 Start: 11305, Stop: 12102, Start Num: 33
Candidate Starts for Nehme_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Neos5_15 Start: 13930, Stop: 14739, Start Num: 37
Candidate Starts for Neos5_15:
(Start: 37 @13930 has 53 MA's), (62, 13993), (Start: 86 @14056 has 2 MA's), (127, 14152), (140, 14200), (142, 14206), (157, 14254), (181, 14326), (195, 14356), (203, 14377), (223, 14437), (233, 14458), (258, 14524), (307, 14665), (308, 14668),

Gene: Newman_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Newman_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: NiaNia_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for NiaNia_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Nicole21_13 Start: 11600, Stop: 12397, Start Num: 33
Candidate Starts for Nicole21_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Nicole72_23 Start: 17288, Stop: 18094, Start Num: 50
Candidate Starts for Nicole72_23:
(Start: 50 @17288 has 48 MA's), (97, 17432), (Start: 120 @17471 has 2 MA's), (141, 17528), (148, 17555), (180, 17663), (205, 17747), (219, 17786), (222, 17795), (276, 17915), (281, 17930), (287, 17951), (317, 18059),

Gene: Nigel_11 Start: 12164, Stop: 12961, Start Num: 33
Candidate Starts for Nigel_11:
(Start: 33 @12164 has 380 MA's), (Start: 45 @12182 has 2 MA's), (Start: 50 @12191 has 48 MA's), (67, 12248), (Start: 86 @12293 has 2 MA's), (140, 12431), (157, 12485), (164, 12506), (171, 12527), (173, 12533), (218, 12662), (256, 12749), (258, 12764), (263, 12782), (271, 12806), (285, 12848), (304, 12890), (318, 12938),

Gene: Nikan_23 Start: 15277, Stop: 16035, Start Num: 55
Candidate Starts for Nikan_23:
(Start: 55 @15277 has 20 MA's), (135, 15469), (151, 15517), (160, 15544), (173, 15583), (186, 15625), (195, 15655), (220, 15724), (225, 15739), (240, 15766), (288, 15922),

Gene: Nike_26 Start: 16444, Stop: 17178, Start Num: 52
Candidate Starts for Nike_26:
(Start: 47 @16435 has 1 MA's), (Start: 52 @16444 has 56 MA's), (71, 16504), (104, 16597), (145, 16696), (205, 16858), (222, 16906), (230, 16927), (270, 17026), (279, 17053),

Gene: NoodlelyBoi_28 Start: 16131, Stop: 16853, Start Num: 86
Candidate Starts for NoodlelyBoi_28:
(Start: 50 @16020 has 48 MA's), (Start: 86 @16131 has 2 MA's), (Start: 120 @16203 has 2 MA's), (149, 16290), (184, 16416), (193, 16443), (202, 16467), (205, 16482), (222, 16530), (226, 16542), (281, 16689), (287, 16710), (301, 16764), (317, 16818),

Gene: Nordenberg_16 Start: 15524, Stop: 16354, Start Num: 43
Candidate Starts for Nordenberg_16:
(Start: 43 @15524 has 54 MA's), (48, 15533), (83, 15638), (124, 15728), (142, 15782), (149, 15806), (170, 15869), (184, 15917), (193, 15944), (203, 15974), (241, 16073), (258, 16121), (273, 16178), (281, 16202), (284, 16208), (301, 16277), (305, 16289), (309, 16307), (314, 16322),

Gene: Nova1_12 Start: 11163, Stop: 11966, Start Num: 33
Candidate Starts for Nova1_12:
(Start: 33 @11163 has 380 MA's), (Start: 45 @11184 has 2 MA's), (Start: 51 @11196 has 45 MA's), (Start: 55 @11208 has 20 MA's), (117, 11370), (142, 11439), (157, 11487), (181, 11559), (202, 11604), (207, 11628), (227, 11679), (256, 11733), (271, 11790), (284, 11829),

Gene: Nozo_15 Start: 13905, Stop: 14714, Start Num: 37
Candidate Starts for Nozo_15:
(Start: 37 @13905 has 53 MA's), (62, 13968), (Start: 86 @14031 has 2 MA's), (127, 14127), (140, 14175), (142, 14181), (157, 14229), (181, 14301), (195, 14331), (203, 14352), (223, 14412), (233, 14433), (258, 14499), (307, 14640), (308, 14643),

Gene: Nubi_20 Start: 13852, Stop: 14664, Start Num: 51
Candidate Starts for Nubi_20:
(Start: 51 @13852 has 45 MA's), (78, 13933), (138, 14083), (184, 14230), (197, 14266), (239, 14380), (320, 14650),

Gene: Numberten_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Numberten_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Nyala_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Nyala_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: NyleyClemson_22 Start: 14709, Stop: 15467, Start Num: 55
Candidate Starts for NyleyClemson_22:
(Start: 55 @14709 has 20 MA's), (112, 14853), (151, 14949), (173, 15015), (186, 15057), (195, 15087), (220, 15156), (288, 15354),

Gene: OSmaximus_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for OSmaximus_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Obutu_15 Start: 13135, Stop: 13944, Start Num: 37
Candidate Starts for Obutu_15:
(Start: 37 @13135 has 53 MA's), (62, 13198), (Start: 86 @13261 has 2 MA's), (127, 13357), (140, 13405), (142, 13411), (157, 13459), (181, 13531), (195, 13561), (203, 13582), (223, 13642), (233, 13663), (258, 13729), (307, 13870), (308, 13873),

Gene: Odyssey395_29 Start: 16224, Stop: 16982, Start Num: 55
Candidate Starts for Odyssey395_29:
(Start: 55 @16224 has 20 MA's), (112, 16368), (151, 16464), (173, 16530), (186, 16572), (195, 16602), (288, 16869),

Gene: Olak_12 Start: 11307, Stop: 12104, Start Num: 33
Candidate Starts for Olak_12:
(Start: 33 @11307 has 380 MA's), (Start: 45 @11328 has 2 MA's), (Start: 51 @11340 has 45 MA's), (Start: 55 @11352 has 20 MA's), (117, 11514), (142, 11583), (157, 11631), (181, 11703), (202, 11748), (207, 11772), (227, 11823), (256, 11877), (271, 11934), (284, 11973),

Gene: Oline_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Oline_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (117, 11368), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Olive_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Olive_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: OliverWalter_13 Start: 11598, Stop: 12401, Start Num: 33

Candidate Starts for OliverWalter_13:
(Start: 33 @11598 has 380 MA's), (Start: 45 @11619 has 2 MA's), (Start: 51 @11631 has 45 MA's), (Start: 55 @11643 has 20 MA's), (117, 11805), (142, 11874), (157, 11922), (181, 11994), (202, 12039), (207, 12063), (227, 12114), (256, 12168), (271, 12225), (284, 12264),

Gene: Olivio_14 Start: 12989, Stop: 13798, Start Num: 37
Candidate Starts for Olivio_14:
(Start: 37 @12989 has 53 MA's), (62, 13052), (Start: 86 @13115 has 2 MA's), (127, 13211), (140, 13259), (142, 13265), (157, 13313), (181, 13385), (195, 13415), (197, 13418), (203, 13436), (223, 13496), (233, 13517), (258, 13583), (307, 13724), (308, 13727),

Gene: Ollypop_25 Start: 15239, Stop: 15997, Start Num: 55
Candidate Starts for Ollypop_25:
(Start: 55 @15239 has 20 MA's), (135, 15431), (151, 15479), (160, 15506), (173, 15545), (186, 15587), (195, 15617), (220, 15686), (240, 15728), (288, 15884),

Gene: Omniscient_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Omniscient_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: OneBrain_13 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for OneBrain_13:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: OneinaGillian_25 Start: 14517, Stop: 15254, Start Num: 52
Candidate Starts for OneinaGillian_25:
(35, 14478), (Start: 47 @14508 has 1 MA's), (Start: 52 @14517 has 56 MA's), (110, 14688), (172, 14844), (219, 14967), (222, 14976), (229, 14994), (257, 15066), (276, 15120), (302, 15204), (305, 15213),

Gene: Onika_27 Start: 15658, Stop: 16488, Start Num: 50
Candidate Starts for Onika_27:
(Start: 50 @15658 has 48 MA's), (Start: 86 @15769 has 2 MA's), (Start: 120 @15841 has 2 MA's), (142, 15901), (184, 16051), (193, 16078), (202, 16102), (205, 16117), (219, 16156), (222, 16165), (226, 16177), (301, 16399), (317, 16453),

Gene: Oosterbaan_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Oosterbaan_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Opia_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Opia_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: OrangeOswald_15 Start: 13140, Stop: 13949, Start Num: 37

Candidate Starts for OrangeOswald_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: Orfeu_12 Start: 11308, Stop: 12105, Start Num: 33
Candidate Starts for Orfeu_12:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (142, 11584), (157, 11632), (181, 11704), (202, 11749), (207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: Orion_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Orion_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Orwigg_12 Start: 11313, Stop: 12110, Start Num: 33
Candidate Starts for Orwigg_12:
(Start: 33 @11313 has 380 MA's), (Start: 45 @11334 has 2 MA's), (Start: 51 @11346 has 45 MA's), (Start: 55 @11358 has 20 MA's), (117, 11520), (142, 11589), (157, 11637), (181, 11709), (202, 11754), (207, 11778), (227, 11829), (256, 11883), (271, 11940), (284, 11979),

Gene: PG1_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for PG1_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: PR_10 Start: 12685, Stop: 13461, Start Num: 39
Candidate Starts for PR_10:
(Start: 39 @12685 has 12 MA's), (Start: 51 @12706 has 45 MA's), (Start: 52 @12709 has 56 MA's), (58, 12727), (68, 12760), (88, 12814), (Start: 91 @12820 has 7 MA's), (105, 12853), (157, 13000), (165, 13024), (167, 13030), (201, 13114), (230, 13198), (249, 13240), (283, 13345), (286, 13351), (308, 13411),

Gene: Pacifista_12 Start: 11306, Stop: 12103, Start Num: 33
Candidate Starts for Pacifista_12:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: PallasAthena_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for PallasAthena_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Panchaali_75 Start: 46724, Stop: 47593, Start Num: 49
Candidate Starts for Panchaali_75:
(Start: 49 @46724 has 27 MA's), (63, 46769), (76, 46805), (197, 47186), (226, 47276), (275, 47408), (319, 47561),

Gene: Paries_22 Start: 16892, Stop: 17722, Start Num: 43
Candidate Starts for Paries_22:
(Start: 43 @16892 has 54 MA's), (48, 16901), (83, 17006), (124, 17096), (133, 17120), (149, 17174), (170, 17237), (184, 17285), (193, 17312), (203, 17342), (241, 17441), (258, 17489), (273, 17546), (284, 17576), (301, 17645), (305, 17657), (309, 17675), (314, 17690),

Gene: Paschalis_27 Start: 15672, Stop: 16502, Start Num: 50
Candidate Starts for Paschalis_27:
(Start: 50 @15672 has 48 MA's), (Start: 86 @15783 has 2 MA's), (Start: 120 @15855 has 2 MA's), (142, 15915), (184, 16065), (193, 16092), (202, 16116), (205, 16131), (219, 16170), (222, 16179), (226, 16191), (301, 16413), (317, 16467),

Gene: Patbob_81 Start: 50499, Stop: 51368, Start Num: 49
Candidate Starts for Patbob_81:
(Start: 49 @50499 has 27 MA's), (105, 50664), (275, 51183), (281, 51201),

Gene: PauloDiaboli_89 Start: 46349, Stop: 47230, Start Num: 49
Candidate Starts for PauloDiaboli_89:
(Start: 49 @46349 has 27 MA's), (70, 46412), (76, 46424), (153, 46661), (192, 46799), (198, 46814), (222, 46892), (257, 46994), (294, 47117), (296, 47132),

Gene: PenguinLover67_16 Start: 14236, Stop: 15033, Start Num: 25
Candidate Starts for PenguinLover67_16:
(Start: 25 @14236 has 2 MA's), (Start: 45 @14275 has 2 MA's), (Start: 51 @14287 has 45 MA's), (Start: 86 @14383 has 2 MA's), (121, 14470), (136, 14506), (140, 14518), (167, 14602), (203, 14704), (209, 14725), (258, 14842), (269, 14878), (271, 14884), (304, 14968), (314, 15007), (318, 15016),

Gene: Pepe25_24 Start: 14854, Stop: 15600, Start Num: 52
Candidate Starts for Pepe25_24:
(Start: 47 @14845 has 1 MA's), (Start: 52 @14854 has 56 MA's), (172, 15181), (219, 15304), (222, 15313), (255, 15388), (257, 15403), (302, 15541), (305, 15550), (315, 15586),

Gene: Phabia_26 Start: 15818, Stop: 16552, Start Num: 52
Candidate Starts for Phabia_26:
(Start: 47 @15809 has 1 MA's), (Start: 52 @15818 has 56 MA's), (71, 15878), (104, 15971), (145, 16070), (205, 16232), (222, 16280), (230, 16301), (270, 16400),

Gene: Phaedrus_14 Start: 13057, Stop: 13866, Start Num: 37
Candidate Starts for Phaedrus_14:
(Start: 37 @13057 has 53 MA's), (62, 13120), (Start: 86 @13183 has 2 MA's), (127, 13279), (140, 13327), (142, 13333), (157, 13381), (181, 13453), (195, 13483), (203, 13504), (223, 13564), (233, 13585), (258, 13651), (307, 13792), (308, 13795),

Gene: Phamished_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Phamished_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Phantasmagoria_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Phantasmagoria_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271,

15180), (283, 15216), (308, 15282),

Gene: Phareon_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Phareon_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: PhatCats2014_13 Start: 11606, Stop: 12409, Start Num: 33
Candidate Starts for PhatCats2014_13:
(Start: 33 @11606 has 380 MA's), (Start: 45 @11627 has 2 MA's), (Start: 51 @11639 has 45 MA's), (Start: 55 @11651 has 20 MA's), (117, 11813), (142, 11882), (157, 11930), (181, 12002), (202, 12047), (207, 12071), (227, 12122), (256, 12176), (271, 12233), (284, 12272),

Gene: PhatLouie_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for PhatLouie_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Phauci_15 Start: 13922, Stop: 14752, Start Num: 38
Candidate Starts for Phauci_15:
(Start: 38 @13922 has 16 MA's), (41, 13928), (54, 13955), (56, 13961), (75, 14015), (142, 14186), (145, 14198), (170, 14273), (184, 14321), (219, 14423), (244, 14477), (258, 14522), (273, 14579), (305, 14690),

Gene: Phayeta_15 Start: 13016, Stop: 13825, Start Num: 37
Candidate Starts for Phayeta_15:
(Start: 37 @13016 has 53 MA's), (62, 13079), (Start: 86 @13142 has 2 MA's), (127, 13238), (140, 13286), (142, 13292), (157, 13340), (181, 13412), (195, 13442), (203, 13463), (223, 13523), (233, 13544), (258, 13610), (307, 13751), (308, 13754),

Gene: PhedwardCullen_27 Start: 15600, Stop: 16247, Start Num: 120
Candidate Starts for PhedwardCullen_27:
(Start: 50 @15417 has 48 MA's), (Start: 86 @15528 has 2 MA's), (Start: 120 @15600 has 2 MA's), (142, 15660), (184, 15810), (193, 15837), (202, 15861), (205, 15876), (219, 15915), (222, 15924), (226, 15936), (301, 16158), (317, 16212),

Gene: Phelemich_14 Start: 13595, Stop: 14401, Start Num: 33
Candidate Starts for Phelemich_14:
(Start: 33 @13595 has 380 MA's), (Start: 45 @13607 has 2 MA's), (72, 13685), (141, 13889), (142, 13892), (157, 13940), (164, 13961), (181, 14012), (205, 14075), (235, 14147), (258, 14204), (302, 14324),

Gene: Phendrix_75 Start: 38325, Stop: 39017, Start Num: 91
Candidate Starts for Phendrix_75:
(Start: 91 @38325 has 7 MA's), (169, 38562), (174, 38574), (181, 38595), (196, 38643), (199, 38649), (205, 38673), (212, 38694), (217, 38703), (224, 38724), (232, 38742), (248, 38781), (252, 38787), (272, 38859), (274, 38868), (283, 38892), (310, 38964), (314, 38979),

Gene: PhenghisKhan_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for PhenghisKhan_12:

(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Pherdinand_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Pherdinand_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Phergie_12 Start: 11155, Stop: 11952, Start Num: 33
Candidate Starts for Phergie_12:
(Start: 33 @11155 has 380 MA's), (Start: 45 @11176 has 2 MA's), (Start: 51 @11188 has 45 MA's), (Start: 55 @11200 has 20 MA's), (142, 11431), (157, 11479), (181, 11551), (202, 11596), (207, 11620), (227, 11671), (256, 11725), (271, 11782), (284, 11821),

Gene: Philly_14 Start: 13006, Stop: 13815, Start Num: 37
Candidate Starts for Philly_14:
(Start: 37 @13006 has 53 MA's), (62, 13069), (Start: 86 @13132 has 2 MA's), (127, 13228), (140, 13276), (142, 13282), (157, 13330), (181, 13402), (195, 13432), (197, 13435), (203, 13453), (223, 13513), (233, 13534), (258, 13600), (307, 13741), (308, 13744),

Gene: Phinally_22 Start: 17352, Stop: 18182, Start Num: 38
Candidate Starts for Phinally_22:
(Start: 38 @17352 has 16 MA's), (41, 17358), (54, 17385), (56, 17391), (75, 17445), (142, 17616), (145, 17628), (170, 17703), (184, 17751), (219, 17853), (244, 17907), (256, 17937), (258, 17952), (273, 18009), (305, 18120),

Gene: Phinky_32 Start: 16706, Stop: 17443, Start Num: 52
Candidate Starts for Phinky_32:
(Start: 52 @16706 has 56 MA's), (71, 16766), (104, 16859), (114, 16886), (172, 17036), (222, 17168), (229, 17186), (257, 17255), (302, 17393), (305, 17402), (309, 17420),

Gene: Phipps_13 Start: 11593, Stop: 12396, Start Num: 33
Candidate Starts for Phipps_13:
(Start: 33 @11593 has 380 MA's), (Start: 45 @11614 has 2 MA's), (Start: 51 @11626 has 45 MA's), (Start: 55 @11638 has 20 MA's), (117, 11800), (142, 11869), (157, 11917), (181, 11989), (202, 12034), (207, 12058), (227, 12109), (256, 12163), (271, 12220), (284, 12259),

Gene: Phleuron_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Phleuron_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Phlop_20 Start: 13916, Stop: 14728, Start Num: 51
Candidate Starts for Phlop_20:
(Start: 51 @13916 has 45 MA's), (78, 13997), (138, 14147), (184, 14294), (197, 14330), (239, 14444), (320, 14714),

Gene: Phlyer_15 Start: 13874, Stop: 14683, Start Num: 37
Candidate Starts for Phlyer_15:

(Start: 37 @13874 has 53 MA's), (62, 13937), (Start: 86 @14000 has 2 MA's), (127, 14096), (140, 14144), (142, 14150), (157, 14198), (181, 14270), (195, 14300), (203, 14321), (223, 14381), (233, 14402), (258, 14468), (307, 14609), (308, 14612),

Gene: Phorgeous_27 Start: 15525, Stop: 16355, Start Num: 50
Candidate Starts for Phorgeous_27:
(Start: 50 @15525 has 48 MA's), (Start: 86 @15636 has 2 MA's), (Start: 120 @15708 has 2 MA's), (142, 15768), (184, 15918), (193, 15945), (202, 15969), (205, 15984), (219, 16023), (222, 16032), (226, 16044), (301, 16266), (317, 16320),

Gene: Phrampa_74 Start: 47201, Stop: 48070, Start Num: 49
Candidate Starts for Phrampa_74:
(Start: 49 @47201 has 27 MA's), (Start: 91 @47333 has 7 MA's), (105, 47366), (275, 47885), (284, 47909), (287, 47924),

Gene: Phrancesco_28 Start: 15803, Stop: 16633, Start Num: 50
Candidate Starts for Phrancesco_28:
(Start: 50 @15803 has 48 MA's), (Start: 86 @15914 has 2 MA's), (Start: 120 @15986 has 2 MA's), (142, 16046), (184, 16196), (193, 16223), (202, 16247), (205, 16262), (219, 16301), (222, 16310), (226, 16322), (301, 16544), (317, 16598),

Gene: PhrankReynolds_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for PhrankReynolds_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: PhrodoBaggins_12 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for PhrodoBaggins_12:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Phunky_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Phunky_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: PhuzzTulsa_25 Start: 16011, Stop: 16769, Start Num: 55
Candidate Starts for PhuzzTulsa_25:
(Start: 55 @16011 has 20 MA's), (112, 16155), (151, 16251), (173, 16317), (186, 16359), (195, 16389), (288, 16656),

Gene: PierreOrion_28 Start: 15938, Stop: 16657, Start Num: 86
Candidate Starts for PierreOrion_28:
(Start: 50 @15827 has 48 MA's), (Start: 86 @15938 has 2 MA's), (Start: 120 @16010 has 2 MA's), (142, 16070), (184, 16220), (193, 16247), (202, 16271), (205, 16286), (219, 16325), (222, 16334), (226, 16346), (301, 16568), (317, 16622),

Gene: Piglet_0012 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Piglet_0012:

(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Pine5_15 Start: 13043, Stop: 13927, Start Num: 44
Candidate Starts for Pine5_15:
(44, 13043), (94, 13181), (137, 13280), (141, 13295), (171, 13385), (179, 13412), (181, 13415), (184, 13427), (189, 13439), (203, 13475), (211, 13496), (263, 13631), (286, 13709), (302, 13766), (303, 13769),

Gene: PinheadLarry_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for PinheadLarry_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: PinkCoffee_22 Start: 14509, Stop: 15321, Start Num: 51
Candidate Starts for PinkCoffee_22:
(Start: 51 @14509 has 45 MA's), (78, 14590), (138, 14740), (184, 14887), (197, 14923), (239, 15037), (320, 15307),

Gene: Pinkman_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Pinkman_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Pipefish_15 Start: 14024, Stop: 14833, Start Num: 37
Candidate Starts for Pipefish_15:
(Start: 37 @14024 has 53 MA's), (62, 14087), (Start: 86 @14150 has 2 MA's), (127, 14246), (140, 14294), (142, 14300), (157, 14348), (181, 14420), (195, 14450), (197, 14453), (203, 14471), (223, 14531), (233, 14552), (258, 14618), (307, 14759), (308, 14762),

Gene: PiperSansNom_28 Start: 15979, Stop: 16809, Start Num: 50
Candidate Starts for PiperSansNom_28:
(Start: 50 @15979 has 48 MA's), (Start: 86 @16090 has 2 MA's), (Start: 120 @16162 has 2 MA's), (142, 16222), (184, 16372), (193, 16399), (202, 16423), (205, 16438), (219, 16477), (222, 16486), (226, 16498), (301, 16720), (317, 16774),

Gene: Piperis_28 Start: 15649, Stop: 16479, Start Num: 50
Candidate Starts for Piperis_28:
(Start: 50 @15649 has 48 MA's), (Start: 86 @15760 has 2 MA's), (Start: 120 @15832 has 2 MA's), (142, 15892), (184, 16042), (193, 16069), (202, 16093), (205, 16108), (219, 16147), (222, 16156), (226, 16168), (301, 16390), (317, 16444),

Gene: Pipsqueak_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Pipsqueak_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Placalicious_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Placalicious_12:

(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Plata_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Plata_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Plmatters_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Plmatters_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Podrick_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Podrick_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Pointis_27 Start: 16228, Stop: 16986, Start Num: 55
Candidate Starts for Pointis_27:
(Start: 55 @16228 has 20 MA's), (112, 16372), (151, 16468), (173, 16534), (186, 16576), (195, 16606), (288, 16873),

Gene: Pops_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Pops_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Popstraw_25 Start: 16014, Stop: 16772, Start Num: 55
Candidate Starts for Popstraw_25:
(Start: 55 @16014 has 20 MA's), (112, 16158), (151, 16254), (173, 16320), (186, 16362), (195, 16392), (288, 16659),

Gene: Portcullis_20 Start: 13859, Stop: 14671, Start Num: 51
Candidate Starts for Portcullis_20:
(Start: 51 @13859 has 45 MA's), (78, 13940), (138, 14090), (184, 14237), (197, 14273), (239, 14387), (320, 14657),

Gene: Poster_12 Start: 12252, Stop: 13046, Start Num: 33
Candidate Starts for Poster_12:
(Start: 33 @12252 has 380 MA's), (Start: 45 @12273 has 2 MA's), (Start: 50 @12282 has 48 MA's), (67, 12339), (Start: 86 @12384 has 2 MA's), (140, 12522), (157, 12576), (164, 12597), (171, 12618), (173, 12624), (203, 12711), (218, 12753), (258, 12849), (263, 12867), (271, 12891), (285, 12933), (304, 12975), (318, 13023),

Gene: Potter_12 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Potter_12:

(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Prickles_13 Start: 11608, Stop: 12411, Start Num: 33
Candidate Starts for Prickles_13:
(Start: 33 @11608 has 380 MA's), (Start: 45 @11629 has 2 MA's), (Start: 51 @11641 has 45 MA's), (Start: 55 @11653 has 20 MA's), (117, 11815), (142, 11884), (157, 11932), (181, 12004), (202, 12049), (207, 12073), (227, 12124), (256, 12178), (271, 12235), (284, 12274),

Gene: Prince_13 Start: 13506, Stop: 14300, Start Num: 33
Candidate Starts for Prince_13:
(Start: 33 @13506 has 380 MA's), (Start: 45 @13527 has 2 MA's), (Start: 51 @13539 has 45 MA's), (Start: 86 @13638 has 2 MA's), (140, 13776), (157, 13830), (164, 13851), (171, 13872), (173, 13878), (181, 13902), (203, 13965), (218, 14007), (258, 14103), (259, 14106), (271, 14145), (285, 14187), (304, 14229), (318, 14277),

Gene: PrinceCharming_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for PrinceCharming_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (88, 14802), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: ProfessorX_13 Start: 11600, Stop: 12397, Start Num: 33
Candidate Starts for ProfessorX_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Puhltonio_13 Start: 11593, Stop: 12396, Start Num: 33
Candidate Starts for Puhltonio_13:
(Start: 33 @11593 has 380 MA's), (Start: 45 @11614 has 2 MA's), (Start: 51 @11626 has 45 MA's), (Start: 55 @11638 has 20 MA's), (117, 11800), (142, 11869), (157, 11917), (181, 11989), (202, 12034), (207, 12058), (227, 12109), (256, 12163), (271, 12220), (284, 12259),

Gene: Pulchra_29 Start: 16049, Stop: 16879, Start Num: 50
Candidate Starts for Pulchra_29:
(Start: 50 @16049 has 48 MA's), (Start: 86 @16160 has 2 MA's), (Start: 120 @16232 has 2 MA's), (142, 16292), (184, 16442), (193, 16469), (202, 16493), (205, 16508), (219, 16547), (222, 16556), (226, 16568), (301, 16790), (317, 16844),

Gene: PullumCavea_20 Start: 13916, Stop: 14728, Start Num: 51
Candidate Starts for PullumCavea_20:
(Start: 51 @13916 has 45 MA's), (78, 13997), (138, 14147), (184, 14294), (197, 14330), (239, 14444), (320, 14714),

Gene: Pumpernickel_86 Start: 47559, Stop: 48443, Start Num: 49
Candidate Starts for Pumpernickel_86:
(Start: 49 @47559 has 27 MA's), (70, 47625), (Start: 74 @47634 has 6 MA's), (142, 47835), (153, 47874), (222, 48105), (226, 48117), (280, 48285), (287, 48309), (293, 48327), (294, 48330),

Gene: Pumpkiney_24 Start: 16247, Stop: 17071, Start Num: 46
Candidate Starts for Pumpkiney_24:

(Start: 46 @16247 has 13 MA's), (75, 16319), (93, 16385), (142, 16502), (162, 16559), (184, 16631), (192, 16652), (219, 16733), (226, 16754), (241, 16784), (250, 16805), (281, 16913), (284, 16919), (290, 16940), (300, 16985), (304, 16997), (310, 17021),

Gene: Pureglobe5_29 Start: 16238, Stop: 16996, Start Num: 55
Candidate Starts for Pureglobe5_29:
(Start: 55 @16238 has 20 MA's), (112, 16382), (151, 16478), (173, 16544), (186, 16586), (195, 16616), (288, 16883),

Gene: Purplicious_43 Start: 24298, Stop: 25065, Start Num: 33
Candidate Starts for Purplicious_43:
(Start: 33 @24298 has 380 MA's), (61, 24364), (73, 24400), (147, 24571), (149, 24574), (195, 24712), (201, 24724), (209, 24754), (219, 24778), (275, 24934), (277, 24940), (307, 25018), (316, 25045),

Gene: Quammi_24 Start: 15389, Stop: 16123, Start Num: 52
Candidate Starts for Quammi_24:
(Start: 47 @15380 has 1 MA's), (Start: 52 @15389 has 56 MA's), (71, 15449), (104, 15542), (145, 15641), (205, 15803), (222, 15851), (230, 15872), (270, 15971),

Gene: QueenBeane_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for QueenBeane_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: QueenPie_13 Start: 13850, Stop: 14644, Start Num: 33
Candidate Starts for QueenPie_13:
(Start: 33 @13850 has 380 MA's), (Start: 45 @13871 has 2 MA's), (Start: 51 @13883 has 45 MA's), (67, 13937), (Start: 86 @13982 has 2 MA's), (140, 14120), (157, 14174), (164, 14195), (171, 14216), (173, 14222), (218, 14351), (258, 14447), (263, 14465), (271, 14489), (304, 14573), (318, 14621),

Gene: Quesadilla_15 Start: 14040, Stop: 14831, Start Num: 28
Candidate Starts for Quesadilla_15:
(Start: 28 @14040 has 1 MA's), (Start: 51 @14085 has 45 MA's), (Start: 86 @14181 has 2 MA's), (121, 14268), (136, 14304), (140, 14316), (167, 14400), (203, 14502), (209, 14523), (216, 14541), (269, 14676), (271, 14682), (318, 14814),

Gene: Quhwah_31 Start: 16275, Stop: 17105, Start Num: 50
Candidate Starts for Quhwah_31:
(Start: 50 @16275 has 48 MA's), (Start: 86 @16386 has 2 MA's), (Start: 120 @16458 has 2 MA's), (142, 16518), (184, 16668), (193, 16695), (202, 16719), (205, 16734), (219, 16773), (222, 16782), (226, 16794), (301, 17016), (317, 17070),

Gene: Quisquiliae_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Quisquiliae_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Qyrzula_15 Start: 14622, Stop: 15440, Start Num: 32
Candidate Starts for Qyrzula_15:
(Start: 32 @14622 has 37 MA's), (Start: 86 @14766 has 2 MA's), (119, 14847), (138, 14901), (140, 14907), (159, 14967), (172, 15006), (187, 15045), (203, 15084), (242, 15180), (258, 15228), (271,

15270), (283, 15306), (308, 15372),

Gene: RIPWilbur_25 Start: 15374, Stop: 16132, Start Num: 55
Candidate Starts for RIPWilbur_25:
(Start: 55 @15374 has 20 MA's), (112, 15518), (151, 15614), (173, 15680), (186, 15722), (195, 15752), (288, 16019),

Gene: Racecar_83 Start: 50280, Stop: 51149, Start Num: 49
Candidate Starts for Racecar_83:
(Start: 49 @50280 has 27 MA's), (105, 50445), (275, 50964), (281, 50982),

Gene: RagingRooster_15 Start: 13141, Stop: 13950, Start Num: 37
Candidate Starts for RagingRooster_15:
(Start: 37 @13141 has 53 MA's), (62, 13204), (Start: 86 @13267 has 2 MA's), (127, 13363), (140, 13411), (142, 13417), (157, 13465), (181, 13537), (195, 13567), (203, 13588), (223, 13648), (233, 13669), (258, 13735), (307, 13876), (308, 13879),

Gene: RainyPolka_15 Start: 15874, Stop: 16773, Start Num: 51
Candidate Starts for RainyPolka_15:
(40, 15847), (Start: 51 @15874 has 45 MA's), (77, 15952), (83, 15976), (89, 16000), (92, 16009), (117, 16072), (126, 16090), (162, 16204), (167, 16219), (177, 16252), (183, 16273), (197, 16312), (201, 16321), (222, 16387), (223, 16393), (241, 16429), (257, 16480), (258, 16483), (265, 16510), (281, 16588), (298, 16651), (308, 16690), (314, 16711), (320, 16729), (330, 16762),

Gene: Ramiel05_27 Start: 15684, Stop: 16514, Start Num: 50
Candidate Starts for Ramiel05_27:
(Start: 50 @15684 has 48 MA's), (Start: 86 @15795 has 2 MA's), (Start: 120 @15867 has 2 MA's), (142, 15927), (184, 16077), (193, 16104), (202, 16128), (205, 16143), (219, 16182), (222, 16191), (226, 16203), (301, 16425), (317, 16479),

Gene: Ranunculus_21 Start: 15118, Stop: 15879, Start Num: 55
Candidate Starts for Ranunculus_21:
(Start: 55 @15118 has 20 MA's), (156, 15373), (173, 15424), (176, 15436), (186, 15466), (304, 15817),

Gene: Rasputia_58 Start: 32048, Stop: 32869, Start Num: 47
Candidate Starts for Rasputia_58:
(Start: 47 @32048 has 1 MA's), (Start: 86 @32165 has 2 MA's), (99, 32201), (111, 32225), (149, 32324), (203, 32477), (231, 32558), (257, 32621), (262, 32639), (295, 32726), (316, 32798),

Gene: RawrgerThat_13 Start: 13340, Stop: 14134, Start Num: 33
Candidate Starts for RawrgerThat_13:
(Start: 33 @13340 has 380 MA's), (Start: 45 @13361 has 2 MA's), (Start: 51 @13373 has 45 MA's), (Start: 86 @13472 has 2 MA's), (140, 13610), (157, 13664), (164, 13685), (171, 13706), (173, 13712), (181, 13736), (203, 13799), (218, 13841), (258, 13937), (271, 13979), (285, 14021), (304, 14063), (318, 14111),

Gene: RazzB_23 Start: 14537, Stop: 15295, Start Num: 55
Candidate Starts for RazzB_23:
(Start: 55 @14537 has 20 MA's), (112, 14681), (151, 14777), (173, 14843), (186, 14885), (195, 14915), (288, 15182),

Gene: Reccee_14 Start: 13530, Stop: 14336, Start Num: 33
Candidate Starts for Reccee_14:

(Start: 33 @13530 has 380 MA's), (Start: 46 @13545 has 13 MA's), (57, 13572), (64, 13596), (72, 13620), (141, 13824), (142, 13827), (167, 13905), (181, 13947), (190, 13965), (197, 13983), (205, 14010), (209, 14022), (235, 14082), (258, 14139), (263, 14157), (271, 14181), (285, 14223), (302, 14259),

Gene: RedMaple_12 Start: 11596, Stop: 12399, Start Num: 33
Candidate Starts for RedMaple_12:
(Start: 33 @11596 has 380 MA's), (Start: 45 @11617 has 2 MA's), (Start: 51 @11629 has 45 MA's), (Start: 55 @11641 has 20 MA's), (117, 11803), (142, 11872), (157, 11920), (181, 11992), (202, 12037), (207, 12061), (227, 12112), (256, 12166), (271, 12223), (284, 12262),

Gene: RedRaider89_14 Start: 11834, Stop: 12637, Start Num: 33
Candidate Starts for RedRaider89_14:
(Start: 33 @11834 has 380 MA's), (Start: 45 @11855 has 2 MA's), (Start: 51 @11867 has 45 MA's), (Start: 55 @11879 has 20 MA's), (117, 12041), (142, 12110), (157, 12158), (181, 12230), (202, 12275), (207, 12299), (227, 12350), (256, 12404), (271, 12461), (284, 12500),

Gene: ReginaGlobina_82 Start: 49757, Stop: 50629, Start Num: 49
Candidate Starts for ReginaGlobina_82:
(Start: 49 @49757 has 27 MA's), (63, 49802), (197, 50219), (275, 50444),

Gene: Ren19_23 Start: 15277, Stop: 16035, Start Num: 55
Candidate Starts for Ren19_23:
(Start: 55 @15277 has 20 MA's), (135, 15469), (151, 15517), (160, 15544), (173, 15583), (186, 15625), (195, 15655), (220, 15724), (225, 15739), (240, 15766), (288, 15922),

Gene: Renkei_12 Start: 12259, Stop: 13053, Start Num: 33
Candidate Starts for Renkei_12:
(Start: 33 @12259 has 380 MA's), (Start: 45 @12280 has 2 MA's), (Start: 50 @12289 has 48 MA's), (67, 12346), (Start: 86 @12391 has 2 MA's), (140, 12529), (157, 12583), (164, 12604), (171, 12625), (173, 12631), (218, 12760), (258, 12856), (263, 12874), (271, 12898), (285, 12940), (304, 12982), (318, 13030),

Gene: Reprobate_14 Start: 13592, Stop: 14398, Start Num: 33
Candidate Starts for Reprobate_14:
(Start: 33 @13592 has 380 MA's), (Start: 45 @13604 has 2 MA's), (72, 13682), (141, 13886), (142, 13889), (157, 13937), (164, 13958), (181, 14009), (205, 14072), (235, 14144), (258, 14201), (302, 14321),

Gene: Rhinoforte_16 Start: 14649, Stop: 15467, Start Num: 32
Candidate Starts for Rhinoforte_16:
(Start: 32 @14649 has 37 MA's), (Start: 86 @14793 has 2 MA's), (119, 14874), (138, 14928), (140, 14934), (159, 14994), (172, 15033), (187, 15072), (203, 15111), (242, 15207), (258, 15255), (271, 15297), (283, 15333), (308, 15399),

Gene: Ribeye_22 Start: 17792, Stop: 18619, Start Num: 43
Candidate Starts for Ribeye_22:
(Start: 43 @17792 has 54 MA's), (48, 17801), (83, 17903), (124, 17993), (170, 18134), (184, 18182), (202, 18233), (219, 18287), (241, 18338), (248, 18356), (258, 18386), (264, 18407), (273, 18443), (284, 18473), (305, 18554), (309, 18572), (314, 18587), (320, 18605),

Gene: Rich_14 Start: 13348, Stop: 14154, Start Num: 33
Candidate Starts for Rich_14:

(Start: 33 @13348 has 380 MA's), (Start: 46 @13363 has 13 MA's), (57, 13390), (64, 13414), (72, 13438), (141, 13642), (142, 13645), (167, 13723), (176, 13753), (181, 13765), (205, 13828), (209, 13840), (258, 13957), (271, 13999), (285, 14041), (302, 14077),

Gene: Ricotta_12 Start: 11308, Stop: 12111, Start Num: 33
Candidate Starts for Ricotta_12:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (117, 11515), (142, 11584), (157, 11632), (181, 11704), (202, 11749), (207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: Riggan_13 Start: 11606, Stop: 12403, Start Num: 33
Candidate Starts for Riggan_13:
(Start: 33 @11606 has 380 MA's), (Start: 45 @11627 has 2 MA's), (Start: 51 @11639 has 45 MA's), (Start: 55 @11651 has 20 MA's), (117, 11813), (142, 11882), (157, 11930), (181, 12002), (202, 12047), (207, 12071), (227, 12122), (256, 12176), (271, 12233), (284, 12272),

Gene: Rimu_13 Start: 11302, Stop: 12105, Start Num: 33
Candidate Starts for Rimu_13:
(Start: 33 @11302 has 380 MA's), (Start: 45 @11323 has 2 MA's), (Start: 51 @11335 has 45 MA's), (Start: 55 @11347 has 20 MA's), (117, 11509), (142, 11578), (157, 11626), (181, 11698), (202, 11743), (207, 11767), (227, 11818), (256, 11872), (271, 11929), (284, 11968),

Gene: Rinkes_18 Start: 15361, Stop: 16194, Start Num: 33
Candidate Starts for Rinkes_18:
(Start: 33 @15361 has 380 MA's), (Start: 51 @15397 has 45 MA's), (82, 15475), (175, 15769), (193, 15805), (203, 15841), (216, 15880), (235, 15925), (240, 15931), (253, 15958), (266, 16015), (295, 16087), (307, 16132),

Gene: Rita130_14 Start: 13350, Stop: 14156, Start Num: 33
Candidate Starts for Rita130_14:
(Start: 33 @13350 has 380 MA's), (Start: 46 @13365 has 13 MA's), (57, 13392), (64, 13416), (72, 13440), (167, 13725), (181, 13767), (190, 13785), (197, 13803), (205, 13830), (209, 13842), (258, 13959), (263, 13977), (285, 14043), (302, 14079),

Gene: Rita1961_15 Start: 13135, Stop: 13944, Start Num: 37
Candidate Starts for Rita1961_15:
(Start: 37 @13135 has 53 MA's), (62, 13198), (Start: 86 @13261 has 2 MA's), (127, 13357), (140, 13405), (142, 13411), (157, 13459), (181, 13531), (195, 13561), (203, 13582), (223, 13642), (233, 13663), (258, 13729), (307, 13870), (308, 13873),

Gene: RiverRaider_22 Start: 16175, Stop: 17002, Start Num: 45
Candidate Starts for RiverRaider_22:
(Start: 43 @16172 has 54 MA's), (Start: 45 @16175 has 2 MA's), (48, 16181), (83, 16286), (170, 16517), (184, 16565), (202, 16616), (241, 16721), (248, 16739), (250, 16742), (258, 16769), (273, 16826), (281, 16850), (282, 16853), (284, 16856), (298, 16913), (305, 16937), (309, 16955),

Gene: Riverton_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Riverton_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Rizwana_20 Start: 15024, Stop: 15803, Start Num: 49

Candidate Starts for Rizwana_20:
(Start: 49 @15024 has 27 MA's), (125, 15204), (145, 15276), (150, 15288), (151, 15291), (162, 15324), (171, 15351), (173, 15357), (176, 15369), (226, 15516), (267, 15624), (281, 15669), (284, 15675), (310, 15765),

Gene: RoadKill_19 Start: 15230, Stop: 16060, Start Num: 38
Candidate Starts for RoadKill_19:
(Start: 38 @15230 has 16 MA's), (92, 15386), (95, 15398), (137, 15476), (163, 15560), (176, 15602), (184, 15629), (219, 15731), (226, 15752), (241, 15782), (281, 15911), (284, 15917), (290, 15938), (305, 15998),

Gene: RobinRose_27 Start: 15018, Stop: 15755, Start Num: 52
Candidate Starts for RobinRose_27:
(Start: 47 @15009 has 1 MA's), (Start: 52 @15018 has 56 MA's), (110, 15189), (172, 15345), (219, 15468), (222, 15477), (229, 15495), (257, 15567), (276, 15621), (305, 15714),

Gene: RobsFeet_29 Start: 15807, Stop: 16619, Start Num: 50
Candidate Starts for RobsFeet_29:
(Start: 50 @15807 has 48 MA's), (84, 15909), (Start: 86 @15918 has 2 MA's), (89, 15927), (118, 15987), (Start: 120 @15990 has 2 MA's), (142, 16050), (180, 16185), (191, 16224), (219, 16308), (222, 16317), (287, 16473), (301, 16527), (317, 16581), (326, 16608),

Gene: Robyn_12 Start: 11157, Stop: 11960, Start Num: 33
Candidate Starts for Robyn_12:
(Start: 33 @11157 has 380 MA's), (Start: 45 @11178 has 2 MA's), (Start: 51 @11190 has 45 MA's), (Start: 55 @11202 has 20 MA's), (117, 11364), (142, 11433), (157, 11481), (181, 11553), (202, 11598), (207, 11622), (227, 11673), (256, 11727), (271, 11784), (284, 11823),

Gene: Rockabye_81 Start: 52456, Stop: 53328, Start Num: 49
Candidate Starts for Rockabye_81:
(Start: 49 @52456 has 27 MA's), (115, 52648), (188, 52897), (275, 53143), (281, 53161),

Gene: Rockwell_27 Start: 15684, Stop: 16514, Start Num: 50
Candidate Starts for Rockwell_27:
(Start: 50 @15684 has 48 MA's), (Start: 86 @15795 has 2 MA's), (Start: 120 @15867 has 2 MA's), (142, 15927), (184, 16077), (193, 16104), (202, 16128), (205, 16143), (219, 16182), (222, 16191), (226, 16203), (301, 16425), (317, 16479),

Gene: Rofo_21 Start: 17144, Stop: 17974, Start Num: 43
Candidate Starts for Rofo_21:
(Start: 43 @17144 has 54 MA's), (48, 17153), (83, 17258), (124, 17348), (142, 17402), (149, 17426), (170, 17489), (184, 17537), (193, 17564), (203, 17594), (241, 17693), (258, 17741), (273, 17798), (281, 17822), (284, 17828), (301, 17897), (305, 17909), (309, 17927), (314, 17942),

Gene: RogerDodger_23 Start: 14709, Stop: 15521, Start Num: 51
Candidate Starts for RogerDodger_23:
(Start: 51 @14709 has 45 MA's), (78, 14790), (138, 14940), (184, 15087), (197, 15123), (239, 15237), (320, 15507),

Gene: Roliet_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for Roliet_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043),

(207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: RomaT_15 Start: 13921, Stop: 14730, Start Num: 37
Candidate Starts for RomaT_15:
(Start: 37 @13921 has 53 MA's), (62, 13984), (Start: 86 @14047 has 2 MA's), (127, 14143), (140, 14191), (142, 14197), (157, 14245), (181, 14317), (195, 14347), (197, 14350), (203, 14368), (223, 14428), (233, 14449), (258, 14515), (307, 14656), (308, 14659),

Gene: RomansRevenge_17 Start: 13323, Stop: 14087, Start Num: 55
Candidate Starts for RomansRevenge_17:
(Start: 55 @13323 has 20 MA's), (125, 13491), (144, 13551), (159, 13590), (245, 13821), (257, 13866), (275, 13935), (297, 13998),

Gene: Romm_27 Start: 15018, Stop: 15755, Start Num: 52
Candidate Starts for Romm_27:
(Start: 47 @15009 has 1 MA's), (Start: 52 @15018 has 56 MA's), (110, 15189), (172, 15345), (219, 15468), (222, 15477), (229, 15495), (257, 15567), (276, 15621), (305, 15714),

Gene: Roscoe_14 Start: 11837, Stop: 12634, Start Num: 33
Candidate Starts for Roscoe_14:
(Start: 33 @11837 has 380 MA's), (Start: 45 @11858 has 2 MA's), (Start: 51 @11870 has 45 MA's), (Start: 55 @11882 has 20 MA's), (117, 12044), (142, 12113), (157, 12161), (181, 12233), (202, 12278), (207, 12302), (227, 12353), (256, 12407), (271, 12464), (284, 12503),

Gene: Rosebush_16 Start: 14649, Stop: 15467, Start Num: 32
Candidate Starts for Rosebush_16:
(Start: 32 @14649 has 37 MA's), (Start: 86 @14793 has 2 MA's), (119, 14874), (138, 14928), (140, 14934), (159, 14994), (172, 15033), (187, 15072), (203, 15111), (242, 15207), (258, 15255), (271, 15297), (283, 15333), (308, 15399),

Gene: Rowlf_22 Start: 15147, Stop: 15881, Start Num: 52
Candidate Starts for Rowlf_22:
(Start: 47 @15138 has 1 MA's), (Start: 52 @15147 has 56 MA's), (71, 15207), (104, 15300), (145, 15399), (205, 15561), (222, 15609), (230, 15630), (270, 15729), (279, 15756),

Gene: Roy17_13 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for Roy17_13:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: RubyRalph_28 Start: 15664, Stop: 16398, Start Num: 52
Candidate Starts for RubyRalph_28:
(Start: 52 @15664 has 56 MA's), (109, 15832), (145, 15913), (222, 16120), (257, 16210), (277, 16267), (285, 16297),

Gene: Rudy_24 Start: 15389, Stop: 16123, Start Num: 52
Candidate Starts for Rudy_24:
(Start: 47 @15380 has 1 MA's), (Start: 52 @15389 has 56 MA's), (71, 15449), (104, 15542), (145, 15641), (205, 15803), (222, 15851), (230, 15872), (270, 15971),

Gene: SDcharge11_13 Start: 11595, Stop: 12398, Start Num: 33
Candidate Starts for SDcharge11_13:

(Start: 33 @11595 has 380 MA's), (Start: 45 @11616 has 2 MA's), (Start: 51 @11628 has 45 MA's), (Start: 55 @11640 has 20 MA's), (117, 11802), (142, 11871), (157, 11919), (181, 11991), (202, 12036), (207, 12060), (227, 12111), (256, 12165), (271, 12222), (284, 12261),

Gene: SJReid_85 Start: 51543, Stop: 52412, Start Num: 49
Candidate Starts for SJReid_85:
(Start: 49 @51543 has 27 MA's), (188, 51981), (200, 52011), (257, 52158), (275, 52227),

Gene: Sabella_16 Start: 14535, Stop: 15353, Start Num: 32
Candidate Starts for Sabella_16:
(Start: 32 @14535 has 37 MA's), (Start: 86 @14679 has 2 MA's), (119, 14760), (138, 14814), (140, 14820), (159, 14880), (172, 14919), (187, 14958), (203, 14997), (242, 15093), (258, 15141), (271, 15183), (283, 15219), (308, 15285),

Gene: SadLad_30 Start: 16601, Stop: 17335, Start Num: 52
Candidate Starts for SadLad_30:
(Start: 52 @16601 has 56 MA's), (109, 16769), (145, 16850), (222, 17057), (257, 17147), (277, 17204), (285, 17234),

Gene: Saguaro_15 Start: 14245, Stop: 15039, Start Num: 30
Candidate Starts for Saguaro_15:
(Start: 30 @14245 has 1 MA's), (34, 14260), (Start: 51 @14287 has 45 MA's), (68, 14341), (134, 14497), (136, 14506), (140, 14518), (157, 14572), (172, 14617), (195, 14683), (211, 14731), (227, 14773), (271, 14884), (304, 14968), (307, 14983), (318, 15016),

Gene: Salazzle_12 Start: 11163, Stop: 11966, Start Num: 33
Candidate Starts for Salazzle_12:
(Start: 33 @11163 has 380 MA's), (Start: 45 @11184 has 2 MA's), (Start: 51 @11196 has 45 MA's), (Start: 55 @11208 has 20 MA's), (117, 11370), (142, 11439), (157, 11487), (181, 11559), (202, 11604), (207, 11628), (227, 11679), (256, 11733), (271, 11790), (284, 11829),

Gene: Salete_14 Start: 15544, Stop: 16440, Start Num: 51
Candidate Starts for Salete_14:
(Start: 51 @15544 has 45 MA's), (77, 15622), (83, 15646), (89, 15670), (92, 15679), (117, 15742), (162, 15874), (167, 15889), (177, 15922), (183, 15943), (197, 15982), (201, 15991), (222, 16057), (223, 16063), (226, 16069), (241, 16099), (254, 16129), (258, 16153), (281, 16258), (292, 16291), (304, 16342), (308, 16360), (320, 16399), (328, 16426),

Gene: SallyH_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for SallyH_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: SallyK_27 Start: 16535, Stop: 17269, Start Num: 52
Candidate Starts for SallyK_27:
(Start: 47 @16526 has 1 MA's), (Start: 52 @16535 has 56 MA's), (71, 16595), (145, 16787), (205, 16949), (214, 16976), (222, 16997), (229, 17015), (230, 17018), (246, 17045), (247, 17048), (257, 17084), (270, 17117), (279, 17144),

Gene: Salvador_20 Start: 13830, Stop: 14642, Start Num: 51
Candidate Starts for Salvador_20:

(Start: 51 @13830 has 45 MA's), (78, 13911), (138, 14061), (184, 14208), (197, 14244), (239, 14358), (320, 14628),

Gene: Samaymay_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Samaymay_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Sampson_22 Start: 17485, Stop: 18309, Start Num: 46
Candidate Starts for Sampson_22:
(Start: 46 @17485 has 13 MA's), (75, 17557), (93, 17623), (128, 17698), (142, 17740), (162, 17797), (184, 17869), (192, 17890), (200, 17911), (219, 17971), (226, 17992), (236, 18013), (241, 18022), (250, 18043), (258, 18070), (273, 18127), (281, 18151), (284, 18157), (290, 18178), (304, 18235), (310, 18259),

Gene: Sanjuju_19 Start: 16656, Stop: 17486, Start Num: 43
Candidate Starts for Sanjuju_19:
(Start: 43 @16656 has 54 MA's), (48, 16665), (83, 16770), (124, 16860), (142, 16914), (149, 16938), (170, 17001), (184, 17049), (193, 17076), (241, 17205), (258, 17253), (273, 17310), (281, 17334), (284, 17340), (301, 17409), (305, 17421), (309, 17439), (314, 17454),

Gene: Saronaya_21 Start: 16571, Stop: 17398, Start Num: 43
Candidate Starts for Saronaya_21:
(Start: 43 @16571 has 54 MA's), (48, 16580), (83, 16682), (124, 16772), (170, 16913), (184, 16961), (202, 17012), (219, 17066), (241, 17117), (248, 17135), (258, 17165), (264, 17186), (273, 17222), (284, 17252), (305, 17333), (309, 17351), (314, 17366),

Gene: SassyCat97_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for SassyCat97_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Savannah_27 Start: 15711, Stop: 16541, Start Num: 50
Candidate Starts for Savannah_27:
(Start: 50 @15711 has 48 MA's), (Start: 86 @15822 has 2 MA's), (Start: 120 @15894 has 2 MA's), (142, 15954), (184, 16104), (193, 16131), (202, 16155), (205, 16170), (219, 16209), (222, 16218), (226, 16230), (301, 16452), (317, 16506),

Gene: Savbucketdawg_20 Start: 13611, Stop: 14423, Start Num: 51
Candidate Starts for Savbucketdawg_20:
(Start: 51 @13611 has 45 MA's), (78, 13692), (138, 13842), (184, 13989), (197, 14025), (239, 14139), (320, 14409),

Gene: Schadenfreude_12 Start: 11147, Stop: 11950, Start Num: 33
Candidate Starts for Schadenfreude_12:
(Start: 33 @11147 has 380 MA's), (Start: 45 @11168 has 2 MA's), (Start: 51 @11180 has 45 MA's), (Start: 55 @11192 has 20 MA's), (117, 11354), (142, 11423), (157, 11471), (181, 11543), (202, 11588), (207, 11612), (227, 11663), (256, 11717), (271, 11774), (284, 11813),

Gene: SchottB_20 Start: 17572, Stop: 18399, Start Num: 43
Candidate Starts for SchottB_20:

(Start: 43 @17572 has 54 MA's), (48, 17581), (83, 17683), (133, 17797), (170, 17914), (184, 17962), (202, 18013), (219, 18067), (241, 18118), (248, 18136), (258, 18166), (264, 18187), (273, 18223), (284, 18253), (305, 18334), (309, 18352), (314, 18367),

Gene: Schueller_12 Start: 11306, Stop: 12103, Start Num: 33
Candidate Starts for Schueller_12:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Scioto_22 Start: 17540, Stop: 18364, Start Num: 46
Candidate Starts for Scioto_22:
(Start: 46 @17540 has 13 MA's), (75, 17612), (93, 17678), (128, 17753), (142, 17795), (162, 17852), (184, 17924), (192, 17945), (200, 17966), (219, 18026), (226, 18047), (236, 18068), (241, 18077), (250, 18098), (258, 18125), (273, 18182), (281, 18206), (284, 18212), (290, 18233), (304, 18290), (310, 18314),

Gene: Scoot17C_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for Scoot17C_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Scrick_12 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Scrick_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Scumberland_29 Start: 15899, Stop: 16729, Start Num: 50
Candidate Starts for Scumberland_29:
(Start: 50 @15899 has 48 MA's), (Start: 86 @16010 has 2 MA's), (Start: 120 @16082 has 2 MA's), (142, 16142), (184, 16292), (193, 16319), (202, 16343), (205, 16358), (219, 16397), (222, 16406), (226, 16418), (301, 16640), (317, 16694),

Gene: Sedona_23 Start: 18961, Stop: 19791, Start Num: 43
Candidate Starts for Sedona_23:
(Start: 43 @18961 has 54 MA's), (48, 18970), (83, 19075), (124, 19165), (133, 19189), (142, 19219), (149, 19243), (170, 19306), (184, 19354), (193, 19381), (241, 19510), (258, 19558), (273, 19615), (281, 19639), (284, 19645), (301, 19714), (305, 19726), (309, 19744), (314, 19759),

Gene: Sejanus_11 Start: 11588, Stop: 12436, Start Num: 39
Candidate Starts for Sejanus_11:
(Start: 39 @11588 has 12 MA's), (Start: 46 @11603 has 13 MA's), (Start: 86 @11714 has 2 MA's), (Start: 91 @11726 has 7 MA's), (105, 11759), (142, 11861), (157, 11909), (173, 11957), (181, 11981), (201, 12023), (245, 12131), (258, 12176), (263, 12194), (285, 12260), (295, 12272), (302, 12296), (307, 12317), (318, 12350),

Gene: Selr12_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Selr12_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Selwyn23_29 Start: 15877, Stop: 16707, Start Num: 50
Candidate Starts for Selwyn23_29:
(Start: 50 @15877 has 48 MA's), (Start: 86 @15988 has 2 MA's), (Start: 120 @16060 has 2 MA's), (142, 16120), (184, 16270), (193, 16297), (202, 16321), (205, 16336), (219, 16375), (222, 16384), (226, 16396), (301, 16618), (317, 16672),

Gene: Sendy_21 Start: 13961, Stop: 14773, Start Num: 51
Candidate Starts for Sendy_21:
(Start: 51 @13961 has 45 MA's), (78, 14042), (138, 14192), (184, 14339), (197, 14375), (239, 14489), (320, 14759),

Gene: Septica_12 Start: 11601, Stop: 12404, Start Num: 33
Candidate Starts for Septica_12:
(Start: 33 @11601 has 380 MA's), (Start: 45 @11622 has 2 MA's), (Start: 51 @11634 has 45 MA's), (Start: 55 @11646 has 20 MA's), (117, 11808), (142, 11877), (157, 11925), (181, 11997), (202, 12042), (207, 12066), (227, 12117), (256, 12171), (271, 12228), (284, 12267),

Gene: Serendipitous_14 Start: 13398, Stop: 14204, Start Num: 33
Candidate Starts for Serendipitous_14:
(Start: 33 @13398 has 380 MA's), (72, 13488), (141, 13692), (167, 13773), (181, 13815), (197, 13851), (205, 13878), (235, 13950), (258, 14007), (271, 14049), (285, 14091), (302, 14127),

Gene: Serendipity_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Serendipity_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Serpentine_0013 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Serpentine_0013:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: ShadowBud_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for ShadowBud_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: SharkTale_20 Start: 14574, Stop: 15386, Start Num: 51
Candidate Starts for SharkTale_20:
(Start: 51 @14574 has 45 MA's), (78, 14655), (138, 14805), (176, 14925), (184, 14952), (239, 15102), (281, 15234), (320, 15372),

Gene: Shatter_12 Start: 11636, Stop: 12418, Start Num: 33
Candidate Starts for Shatter_12:
(Start: 33 @11636 has 380 MA's), (40, 11648), (68, 11726), (271, 12272), (275, 12287), (283, 12308), (302, 12350), (304, 12356), (314, 12395),

Gene: Sheila_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Sheila_13:

(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Shenandoah_15 Start: 13119, Stop: 13928, Start Num: 37
Candidate Starts for Shenandoah_15:
(Start: 37 @13119 has 53 MA's), (62, 13182), (Start: 86 @13245 has 2 MA's), (127, 13341), (140, 13389), (142, 13395), (157, 13443), (181, 13515), (195, 13545), (197, 13548), (203, 13566), (223, 13626), (233, 13647), (258, 13713), (307, 13854), (308, 13857),

Gene: Shenyu_14 Start: 13334, Stop: 14140, Start Num: 33
Candidate Starts for Shenyu_14:
(Start: 33 @13334 has 380 MA's), (72, 13424), (141, 13628), (167, 13709), (181, 13751), (205, 13814), (209, 13826), (235, 13886), (258, 13943), (271, 13985), (302, 14063), (318, 14117),

Gene: ShiVal_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for ShiVal_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Shinji_20 Start: 13800, Stop: 14612, Start Num: 51
Candidate Starts for Shinji_20:
(Start: 51 @13800 has 45 MA's), (78, 13881), (138, 14031), (184, 14178), (197, 14214), (239, 14328), (320, 14598),

Gene: Shivanishola_21 Start: 16950, Stop: 17780, Start Num: 43
Candidate Starts for Shivanishola_21:
(Start: 43 @16950 has 54 MA's), (48, 16959), (83, 17064), (124, 17154), (142, 17208), (149, 17232), (170, 17295), (184, 17343), (193, 17370), (201, 17391), (203, 17400), (241, 17499), (258, 17547), (273, 17604), (281, 17628), (284, 17634), (301, 17703), (305, 17715), (309, 17733), (314, 17748),

Gene: Shotgun_27 Start: 15509, Stop: 16339, Start Num: 50
Candidate Starts for Shotgun_27:
(Start: 50 @15509 has 48 MA's), (Start: 86 @15620 has 2 MA's), (Start: 120 @15692 has 2 MA's), (142, 15752), (184, 15902), (193, 15929), (202, 15953), (205, 15968), (219, 16007), (222, 16016), (226, 16028), (301, 16250), (317, 16304),

Gene: Shrubaron_28 Start: 15441, Stop: 16253, Start Num: 50
Candidate Starts for Shrubaron_28:
(Start: 50 @15441 has 48 MA's), (84, 15543), (Start: 86 @15552 has 2 MA's), (89, 15561), (118, 15621), (Start: 120 @15624 has 2 MA's), (142, 15684), (180, 15819), (191, 15858), (219, 15942), (222, 15951), (287, 16107), (301, 16161), (317, 16215), (326, 16242),

Gene: Sigman_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Sigman_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: SilentRX_22 Start: 15268, Stop: 16020, Start Num: 55
Candidate Starts for SilentRX_22:
(Start: 55 @15268 has 20 MA's), (102, 15394), (186, 15622), (304, 15958),

Gene: Sillytadpoles_25 Start: 15387, Stop: 16121, Start Num: 52
Candidate Starts for Sillytadpoles_25:
(Start: 47 @15378 has 1 MA's), (Start: 52 @15387 has 56 MA's), (71, 15447), (104, 15540), (145, 15639), (205, 15801), (222, 15849), (230, 15870), (270, 15969),

Gene: SilverBell_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for SilverBell_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Simielle_12 Start: 11300, Stop: 12097, Start Num: 33
Candidate Starts for Simielle_12:
(Start: 33 @11300 has 380 MA's), (Start: 45 @11321 has 2 MA's), (Start: 51 @11333 has 45 MA's), (Start: 55 @11345 has 20 MA's), (117, 11507), (142, 11576), (157, 11624), (181, 11696), (202, 11741), (207, 11765), (227, 11816), (256, 11870), (271, 11927), (284, 11966),

Gene: SirBeauregard_12 Start: 11263, Stop: 12066, Start Num: 33
Candidate Starts for SirBeauregard_12:
(Start: 33 @11263 has 380 MA's), (Start: 45 @11284 has 2 MA's), (Start: 51 @11296 has 45 MA's), (Start: 55 @11308 has 20 MA's), (117, 11470), (142, 11539), (157, 11587), (181, 11659), (202, 11704), (207, 11728), (227, 11779), (256, 11833), (271, 11890), (284, 11929),

Gene: SirFrank_27 Start: 15623, Stop: 16453, Start Num: 50
Candidate Starts for SirFrank_27:
(Start: 50 @15623 has 48 MA's), (Start: 86 @15734 has 2 MA's), (Start: 120 @15806 has 2 MA's), (184, 16016), (193, 16043), (202, 16067), (205, 16082), (222, 16130), (226, 16142), (281, 16289), (287, 16310), (301, 16364), (317, 16418),

Gene: SirJeffery_14 Start: 13351, Stop: 14157, Start Num: 33
Candidate Starts for SirJeffery_14:
(Start: 33 @13351 has 380 MA's), (Start: 46 @13366 has 13 MA's), (57, 13393), (72, 13441), (167, 13726), (181, 13768), (190, 13786), (197, 13804), (205, 13831), (209, 13843), (235, 13903), (258, 13960), (263, 13978), (271, 14002), (285, 14044), (302, 14080),

Gene: Sisko_12 Start: 11968, Stop: 12750, Start Num: 33
Candidate Starts for Sisko_12:
(Start: 33 @11968 has 380 MA's), (Start: 51 @12007 has 45 MA's), (68, 12061), (159, 12301), (167, 12325), (219, 12463), (226, 12484), (263, 12580), (270, 12601), (275, 12619), (285, 12646), (314, 12727),

Gene: Sitar_23 Start: 18329, Stop: 19159, Start Num: 43
Candidate Starts for Sitar_23:
(Start: 43 @18329 has 54 MA's), (48, 18338), (83, 18443), (124, 18533), (133, 18557), (142, 18587), (149, 18611), (170, 18674), (184, 18722), (193, 18749), (241, 18878), (258, 18926), (273, 18983), (281, 19007), (284, 19013), (301, 19082), (305, 19094), (309, 19112), (314, 19127),

Gene: Sixama_82 Start: 43469, Stop: 44158, Start Num: 91
Candidate Starts for Sixama_82:
(Start: 91 @43469 has 7 MA's), (123, 43547), (128, 43565), (143, 43622), (174, 43718), (199, 43793), (212, 43835), (238, 43898), (248, 43925), (260, 43967), (277, 44021), (314, 44123),

Gene: Sixsevenium_21 Start: 13726, Stop: 14538, Start Num: 51
Candidate Starts for Sixsevenium_21:
(Start: 51 @13726 has 45 MA's), (78, 13807), (138, 13957), (176, 14077), (184, 14104), (239, 14254), (281, 14386), (320, 14524),

Gene: Skippy_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Skippy_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Skugga_26 Start: 15141, Stop: 15956, Start Num: 50
Candidate Starts for Skugga_26:
(Start: 50 @15141 has 48 MA's), (84, 15243), (Start: 86 @15252 has 2 MA's), (89, 15261), (Start: 120 @15324 has 2 MA's), (141, 15381), (191, 15558), (205, 15603), (222, 15651), (287, 15807), (301, 15861),

Gene: Slatt_13 Start: 11607, Stop: 12410, Start Num: 33
Candidate Starts for Slatt_13:
(Start: 33 @11607 has 380 MA's), (Start: 45 @11628 has 2 MA's), (Start: 51 @11640 has 45 MA's), (Start: 55 @11652 has 20 MA's), (117, 11814), (142, 11883), (157, 11931), (181, 12003), (202, 12048), (207, 12072), (227, 12123), (256, 12177), (271, 12234), (284, 12273),

Gene: SlippinJimmy_15 Start: 13905, Stop: 14714, Start Num: 37
Candidate Starts for SlippinJimmy_15:
(Start: 37 @13905 has 53 MA's), (62, 13968), (Start: 86 @14031 has 2 MA's), (127, 14127), (140, 14175), (142, 14181), (157, 14229), (181, 14301), (195, 14331), (197, 14334), (203, 14352), (223, 14412), (233, 14433), (258, 14499), (307, 14640), (308, 14643),

Gene: SlySloth_28 Start: 16444, Stop: 17178, Start Num: 52
Candidate Starts for SlySloth_28:
(Start: 47 @16435 has 1 MA's), (Start: 52 @16444 has 56 MA's), (71, 16504), (104, 16597), (145, 16696), (205, 16858), (222, 16906), (230, 16927), (270, 17026), (279, 17053),

Gene: Smarties_36 Start: 17634, Stop: 18449, Start Num: 50
Candidate Starts for Smarties_36:
(Start: 50 @17634 has 48 MA's), (84, 17736), (Start: 86 @17745 has 2 MA's), (89, 17754), (142, 17877), (191, 18051), (222, 18144), (287, 18300), (301, 18354), (318, 18411), (325, 18435),

Gene: SmokingBunny_20 Start: 13830, Stop: 14642, Start Num: 51
Candidate Starts for SmokingBunny_20:
(Start: 51 @13830 has 45 MA's), (78, 13911), (138, 14061), (184, 14208), (197, 14244), (239, 14358), (320, 14628),

Gene: Soile_13 Start: 11308, Stop: 12111, Start Num: 33
Candidate Starts for Soile_13:
(Start: 33 @11308 has 380 MA's), (Start: 45 @11329 has 2 MA's), (Start: 51 @11341 has 45 MA's), (Start: 55 @11353 has 20 MA's), (117, 11515), (142, 11584), (157, 11632), (181, 11704), (202, 11749), (207, 11773), (227, 11824), (256, 11878), (271, 11935), (284, 11974),

Gene: Solosis_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Solosis_12:

(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Soos_41 Start: 24289, Stop: 25056, Start Num: 33
Candidate Starts for Soos_41:
(Start: 33 @24289 has 380 MA's), (61, 24355), (73, 24391), (147, 24562), (149, 24565), (201, 24715), (219, 24769), (275, 24925), (277, 24931), (307, 25009), (316, 25036),

Gene: Sophia_12 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Sophia_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Soto_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Soto_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Sour_15 Start: 13282, Stop: 14088, Start Num: 24
Candidate Starts for Sour_15:
(Start: 24 @13282 has 1 MA's), (Start: 33 @13324 has 380 MA's), (Start: 51 @13348 has 45 MA's), (66, 13399), (78, 13423), (Start: 86 @13447 has 2 MA's), (133, 13555), (159, 13639), (161, 13645), (201, 13747), (203, 13756), (226, 13822), (258, 13900), (270, 13939), (284, 13981),

Gene: Spartan300_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Spartan300_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Spiderpig_25 Start: 14837, Stop: 15583, Start Num: 52
Candidate Starts for Spiderpig_25:
(Start: 47 @14828 has 1 MA's), (Start: 52 @14837 has 56 MA's), (172, 15164), (219, 15287), (222, 15296), (255, 15371), (257, 15386), (302, 15524), (305, 15533), (315, 15569),

Gene: Squash_28 Start: 16457, Stop: 17191, Start Num: 52
Candidate Starts for Squash_28:
(Start: 47 @16448 has 1 MA's), (Start: 52 @16457 has 56 MA's), (71, 16517), (104, 16610), (145, 16709), (205, 16871), (222, 16919), (230, 16940), (270, 17039), (279, 17066), (297, 17126),

Gene: Squid_13 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Squid_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Squiggle_13 Start: 11309, Stop: 12106, Start Num: 33
Candidate Starts for Squiggle_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750),

(207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: StAugustine_18 Start: 15471, Stop: 16352, Start Num: 33
Candidate Starts for StAugustine_18:
(Start: 33 @15471 has 380 MA's), (40, 15483), (141, 15759), (146, 15777), (201, 15924), (237, 16023), (241, 16029), (256, 16068), (258, 16083), (263, 16101), (269, 16119), (318, 16284),

Gene: Statler_27 Start: 16369, Stop: 17103, Start Num: 52
Candidate Starts for Statler_27:
(Start: 47 @16360 has 1 MA's), (Start: 52 @16369 has 56 MA's), (71, 16429), (104, 16522), (145, 16621), (205, 16783), (214, 16810), (222, 16831), (229, 16849), (230, 16852), (246, 16879), (247, 16882), (257, 16918), (270, 16951),

Gene: Stewart25555_73 Start: 46149, Stop: 47018, Start Num: 49
Candidate Starts for Stewart25555_73:
(Start: 49 @46149 has 27 MA's), (63, 46194), (76, 46230), (149, 46449), (197, 46611), (226, 46701), (275, 46833),

Gene: Stichling_20 Start: 16127, Stop: 16954, Start Num: 43
Candidate Starts for Stichling_20:
(Start: 43 @16127 has 54 MA's), (48, 16136), (83, 16238), (124, 16328), (133, 16352), (170, 16469), (184, 16517), (202, 16568), (219, 16622), (241, 16673), (248, 16691), (258, 16721), (264, 16742), (273, 16778), (284, 16808), (287, 16823), (305, 16889), (309, 16907), (314, 16922), (320, 16940),

Gene: Stillion_44 Start: 24874, Stop: 25641, Start Num: 33
Candidate Starts for Stillion_44:
(Start: 33 @24874 has 380 MA's), (61, 24940), (73, 24976), (147, 25147), (149, 25150), (201, 25300), (219, 25354), (275, 25510), (277, 25516), (307, 25594), (316, 25621),

Gene: Sting_44 Start: 24728, Stop: 25495, Start Num: 33
Candidate Starts for Sting_44:
(Start: 33 @24728 has 380 MA's), (61, 24794), (73, 24830), (147, 25001), (149, 25004), (201, 25154), (219, 25208), (275, 25364), (277, 25370), (307, 25448), (316, 25475),

Gene: Stinger_11 Start: 11803, Stop: 12600, Start Num: 33
Candidate Starts for Stinger_11:
(Start: 33 @11803 has 380 MA's), (Start: 50 @11830 has 48 MA's), (67, 11887), (Start: 86 @11932 has 2 MA's), (140, 12070), (157, 12124), (164, 12145), (171, 12166), (173, 12172), (181, 12196), (218, 12301), (256, 12388), (263, 12421), (271, 12445), (285, 12487), (304, 12529), (318, 12577),

Gene: StinkyVeggy_15 Start: 13490, Stop: 14296, Start Num: 33
Candidate Starts for StinkyVeggy_15:
(Start: 33 @13490 has 380 MA's), (141, 13784), (167, 13865), (181, 13907), (205, 13970), (209, 13982), (235, 14042), (258, 14099), (271, 14141), (302, 14219), (318, 14273),

Gene: StorminNorm_21 Start: 16451, Stop: 17278, Start Num: 43
Candidate Starts for StorminNorm_21:
(Start: 43 @16451 has 54 MA's), (48, 16460), (83, 16562), (90, 16589), (124, 16652), (133, 16676), (170, 16793), (184, 16841), (202, 16892), (219, 16946), (241, 16997), (248, 17015), (258, 17045), (264, 17066), (273, 17102), (284, 17132), (305, 17213), (309, 17231), (314, 17246),

Gene: StrawberryJamm_28 Start: 15689, Stop: 16423, Start Num: 52
Candidate Starts for StrawberryJamm_28:

(Start: 47 @15680 has 1 MA's), (Start: 52 @15689 has 56 MA's), (71, 15749), (145, 15941), (205, 16103), (214, 16130), (222, 16151), (230, 16172), (246, 16199), (247, 16202), (257, 16238), (270, 16271), (279, 16298),

Gene: Struggle_12 Start: 11155, Stop: 11952, Start Num: 33
Candidate Starts for Struggle_12:
(Start: 33 @11155 has 380 MA's), (Start: 45 @11176 has 2 MA's), (Start: 51 @11188 has 45 MA's), (Start: 55 @11200 has 20 MA's), (142, 11431), (157, 11479), (181, 11551), (202, 11596), (207, 11620), (227, 11671), (256, 11725), (271, 11782), (284, 11821),

Gene: Stultus_21 Start: 16940, Stop: 17770, Start Num: 43
Candidate Starts for Stultus_21:
(Start: 43 @16940 has 54 MA's), (48, 16949), (83, 17054), (124, 17144), (133, 17168), (142, 17198), (149, 17222), (170, 17285), (184, 17333), (193, 17360), (241, 17489), (258, 17537), (273, 17594), (281, 17618), (284, 17624), (301, 17693), (305, 17705), (309, 17723), (314, 17738),

Gene: Suffolk_13 Start: 11601, Stop: 12404, Start Num: 33
Candidate Starts for Suffolk_13:
(Start: 33 @11601 has 380 MA's), (Start: 45 @11622 has 2 MA's), (Start: 51 @11634 has 45 MA's), (Start: 55 @11646 has 20 MA's), (117, 11808), (142, 11877), (157, 11925), (181, 11997), (202, 12042), (207, 12066), (227, 12117), (256, 12171), (271, 12228), (284, 12267),

Gene: Suigeneris_14 Start: 13351, Stop: 14157, Start Num: 33
Candidate Starts for Suigeneris_14:
(Start: 33 @13351 has 380 MA's), (Start: 46 @13366 has 13 MA's), (57, 13393), (72, 13441), (167, 13726), (181, 13768), (190, 13786), (197, 13804), (205, 13831), (209, 13843), (235, 13903), (258, 13960), (263, 13978), (271, 14002), (285, 14044), (302, 14080),

Gene: Sunfish_33 Start: 16941, Stop: 17747, Start Num: 43
Candidate Starts for Sunfish_33:
(Start: 43 @16941 has 54 MA's), (92, 17088), (99, 17106), (142, 17199), (158, 17250), (175, 17304), (182, 17322), (203, 17376), (241, 17475),

Gene: Sunny_ Start: 15926, Stop: 16729, Start Num: 50
Candidate Starts for Sunny_:
(Start: 50 @15926 has 48 MA's), (84, 16028), (Start: 86 @16037 has 2 MA's), (89, 16046), (148, 16193), (191, 16340), (210, 16403), (219, 16424), (222, 16433), (287, 16589), (301, 16643), (317, 16697),

Gene: Surely_13 Start: 11605, Stop: 12408, Start Num: 33
Candidate Starts for Surely_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: SwainyDoc_15 Start: 13138, Stop: 13947, Start Num: 37
Candidate Starts for SwainyDoc_15:
(Start: 37 @13138 has 53 MA's), (62, 13201), (Start: 86 @13264 has 2 MA's), (127, 13360), (140, 13408), (142, 13414), (157, 13462), (181, 13534), (195, 13564), (203, 13585), (223, 13645), (233, 13666), (258, 13732), (307, 13873), (308, 13876),

Gene: Swiphy_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Swiphy_13:

(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Swish_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Swish_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: SynergyX_15 Start: 13141, Stop: 13950, Start Num: 37
Candidate Starts for SynergyX_15:
(Start: 37 @13141 has 53 MA's), (62, 13204), (Start: 86 @13267 has 2 MA's), (127, 13363), (140, 13411), (142, 13417), (157, 13465), (181, 13537), (195, 13567), (203, 13588), (223, 13648), (233, 13669), (258, 13735), (307, 13876), (308, 13879),

Gene: TA17A_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for TA17A_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: TP1604_14 Start: 15544, Stop: 16440, Start Num: 51
Candidate Starts for TP1604_14:
(Start: 51 @15544 has 45 MA's), (77, 15622), (83, 15646), (89, 15670), (92, 15679), (117, 15742), (162, 15874), (167, 15889), (177, 15922), (183, 15943), (197, 15982), (201, 15991), (222, 16057), (223, 16063), (226, 16069), (241, 16099), (254, 16129), (258, 16153), (281, 16258), (292, 16291), (304, 16342), (308, 16360), (320, 16399), (328, 16426),

Gene: TPA2_22 Start: 14324, Stop: 15103, Start Num: 33
Candidate Starts for TPA2_22:
(22, 14264), (Start: 33 @14324 has 380 MA's), (Start: 51 @14357 has 45 MA's), (69, 14414), (181, 14711), (203, 14762), (230, 14837), (271, 14948), (295, 15002), (300, 15020), (304, 15032),

Gene: Talia1610_82 Start: 49645, Stop: 50514, Start Num: 49
Candidate Starts for Talia1610_82:
(Start: 49 @49645 has 27 MA's), (105, 49810), (275, 50329), (281, 50347),

Gene: TallGrassMM_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for TallGrassMM_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Tangent_19 Start: 16145, Stop: 16975, Start Num: 43
Candidate Starts for Tangent_19:
(Start: 43 @16145 has 54 MA's), (48, 16154), (83, 16259), (124, 16349), (142, 16403), (149, 16427), (170, 16490), (184, 16538), (193, 16565), (201, 16586), (203, 16595), (241, 16694), (258, 16742), (273, 16799), (281, 16823), (284, 16829), (301, 16898), (305, 16910), (309, 16928), (314, 16943),

Gene: Tangerine_21 Start: 16457, Stop: 17284, Start Num: 43
Candidate Starts for Tangerine_21:

(Start: 43 @16457 has 54 MA's), (48, 16466), (83, 16568), (90, 16595), (124, 16658), (133, 16682), (170, 16799), (184, 16847), (202, 16898), (219, 16952), (241, 17003), (248, 17021), (258, 17051), (264, 17072), (273, 17108), (284, 17138), (305, 17219), (309, 17237), (314, 17252),

Gene: Tank_21 Start: 14915, Stop: 15694, Start Num: 49
Candidate Starts for Tank_21:
(27, 14855), (Start: 49 @14915 has 27 MA's), (58, 14942), (173, 15245), (186, 15287), (226, 15404), (268, 15515), (284, 15563), (297, 15605),

Gene: Taptic_10 Start: 12673, Stop: 13449, Start Num: 39
Candidate Starts for Taptic_10:
(Start: 39 @12673 has 12 MA's), (Start: 51 @12694 has 45 MA's), (Start: 52 @12697 has 56 MA's), (58, 12715), (68, 12748), (88, 12802), (Start: 91 @12808 has 7 MA's), (105, 12841), (157, 12988), (165, 13012), (167, 13018), (201, 13102), (230, 13186), (249, 13228), (283, 13333), (286, 13339), (308, 13399),

Gene: Taraxa_13 Start: 11169, Stop: 11972, Start Num: 33
Candidate Starts for Taraxa_13:
(Start: 33 @11169 has 380 MA's), (Start: 45 @11190 has 2 MA's), (Start: 51 @11202 has 45 MA's), (Start: 55 @11214 has 20 MA's), (142, 11445), (157, 11493), (181, 11565), (202, 11610), (207, 11634), (227, 11685), (256, 11739), (271, 11796), (284, 11835),

Gene: Tardus_23 Start: 16820, Stop: 17644, Start Num: 46
Candidate Starts for Tardus_23:
(Start: 46 @16820 has 13 MA's), (75, 16892), (142, 17075), (162, 17132), (184, 17204), (192, 17225), (219, 17306), (226, 17327), (241, 17357), (250, 17378), (258, 17405), (273, 17462), (281, 17486), (284, 17492), (290, 17513), (304, 17570), (310, 17594),

Gene: Teamocil_29 Start: 15303, Stop: 16118, Start Num: 50
Candidate Starts for Teamocil_29:
(Start: 50 @15303 has 48 MA's), (84, 15405), (Start: 86 @15414 has 2 MA's), (89, 15423), (118, 15483), (180, 15681), (191, 15720), (205, 15765), (219, 15804), (222, 15813), (287, 15969), (301, 16023), (317, 16077),

Gene: Teehee_27 Start: 16624, Stop: 17358, Start Num: 52
Candidate Starts for Teehee_27:
(Start: 47 @16615 has 1 MA's), (Start: 52 @16624 has 56 MA's), (71, 16684), (104, 16777), (145, 16876), (205, 17038), (222, 17086), (230, 17107), (270, 17206),

Gene: Telesworld_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Telesworld_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Tempo_25 Start: 14894, Stop: 15631, Start Num: 52
Candidate Starts for Tempo_25:
(Start: 47 @14885 has 1 MA's), (Start: 52 @14894 has 56 MA's), (110, 15065), (172, 15221), (219, 15344), (222, 15353), (229, 15371), (257, 15443), (276, 15497), (305, 15590),

Gene: Terij_24 Start: 15272, Stop: 16039, Start Num: 74
Candidate Starts for Terij_24:

(Start: 50 @15203 has 48 MA's), (Start: 74 @15272 has 6 MA's), (141, 15452), (180, 15587), (191, 15626), (202, 15656), (219, 15710), (222, 15719), (257, 15803), (258, 15806), (276, 15839), (281, 15854), (289, 15878), (301, 15929), (308, 15956), (323, 16001), (331, 16028),

Gene: Thing3_22 Start: 17689, Stop: 18519, Start Num: 43
Candidate Starts for Thing3_22:
(Start: 43 @17689 has 54 MA's), (48, 17698), (83, 17803), (124, 17893), (142, 17947), (149, 17971), (170, 18034), (184, 18082), (193, 18109), (241, 18238), (258, 18286), (273, 18343), (281, 18367), (284, 18373), (301, 18442), (305, 18454), (309, 18472), (314, 18487),

Gene: Thonko_14 Start: 11261, Stop: 12043, Start Num: 33
Candidate Starts for Thonko_14:
(Start: 33 @11261 has 380 MA's), (Start: 45 @11273 has 2 MA's), (Start: 51 @11285 has 45 MA's), (157, 11579), (187, 11663), (207, 11732),

Gene: Thora_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Thora_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: ThreeOh3D2_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for ThreeOh3D2_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Thunderbird_12 Start: 11305, Stop: 12108, Start Num: 33
Candidate Starts for Thunderbird_12:
(Start: 33 @11305 has 380 MA's), (Start: 45 @11326 has 2 MA's), (Start: 51 @11338 has 45 MA's), (Start: 55 @11350 has 20 MA's), (117, 11512), (142, 11581), (157, 11629), (181, 11701), (202, 11746), (207, 11770), (227, 11821), (256, 11875), (271, 11932), (284, 11971),

Gene: Tiamoceli_22 Start: 16582, Stop: 17412, Start Num: 38
Candidate Starts for Tiamoceli_22:
(Start: 38 @16582 has 16 MA's), (92, 16738), (95, 16750), (137, 16828), (163, 16912), (176, 16954), (184, 16981), (219, 17083), (241, 17134), (281, 17263), (284, 17269), (290, 17290), (305, 17350), (308, 17365),

Gene: TillyBobJoe_20 Start: 13614, Stop: 14426, Start Num: 51
Candidate Starts for TillyBobJoe_20:
(Start: 51 @13614 has 45 MA's), (78, 13695), (138, 13845), (184, 13992), (197, 14028), (239, 14142), (320, 14412),

Gene: Timmi_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Timmi_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Tinciduntsolum_17 Start: 14651, Stop: 15469, Start Num: 32
Candidate Starts for Tinciduntsolum_17:

(Start: 32 @14651 has 37 MA's), (Start: 86 @14795 has 2 MA's), (119, 14876), (138, 14930), (140, 14936), (159, 14996), (172, 15035), (187, 15074), (203, 15113), (242, 15209), (258, 15257), (271, 15299), (283, 15335), (308, 15401),

Gene: TinyTerror_15 Start: 13140, Stop: 13949, Start Num: 37
Candidate Starts for TinyTerror_15:
(Start: 37 @13140 has 53 MA's), (62, 13203), (Start: 86 @13266 has 2 MA's), (127, 13362), (140, 13410), (142, 13416), (157, 13464), (181, 13536), (195, 13566), (203, 13587), (223, 13647), (233, 13668), (258, 13734), (307, 13875), (308, 13878),

Gene: Tissue_26 Start: 16180, Stop: 16914, Start Num: 52
Candidate Starts for Tissue_26:
(Start: 47 @16171 has 1 MA's), (Start: 52 @16180 has 56 MA's), (71, 16240), (145, 16432), (205, 16594), (214, 16621), (222, 16642), (229, 16660), (230, 16663), (246, 16690), (247, 16693), (257, 16729), (270, 16762), (279, 16789),

Gene: Togo_20 Start: 13830, Stop: 14642, Start Num: 51
Candidate Starts for Togo_20:
(Start: 51 @13830 has 45 MA's), (78, 13911), (138, 14061), (184, 14208), (197, 14244), (239, 14358), (320, 14628),

Gene: TomBombadil_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for TomBombadil_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Tomlarah_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Tomlarah_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Toni_12 Start: 11313, Stop: 12110, Start Num: 33
Candidate Starts for Toni_12:
(Start: 33 @11313 has 380 MA's), (Start: 45 @11334 has 2 MA's), (Start: 51 @11346 has 45 MA's), (Start: 55 @11358 has 20 MA's), (117, 11520), (142, 11589), (157, 11637), (181, 11709), (202, 11754), (207, 11778), (227, 11829), (256, 11883), (271, 11940), (284, 11979),

Gene: Tonitrus_31 Start: 21138, Stop: 21920, Start Num: 33
Candidate Starts for Tonitrus_31:
(26, 21117), (Start: 33 @21138 has 380 MA's), (Start: 46 @21162 has 13 MA's), (56, 21186), (Start: 86 @21267 has 2 MA's), (142, 21399), (173, 21495), (201, 21579), (205, 21597), (215, 21624), (219, 21633), (244, 21687), (251, 21708), (278, 21795), (295, 21828), (309, 21879),

Gene: TooFast2Furius_14 Start: 11837, Stop: 12640, Start Num: 33
Candidate Starts for TooFast2Furius_14:
(Start: 33 @11837 has 380 MA's), (Start: 45 @11858 has 2 MA's), (Start: 51 @11870 has 45 MA's), (Start: 55 @11882 has 20 MA's), (117, 12044), (142, 12113), (157, 12161), (181, 12233), (202, 12278), (207, 12302), (227, 12353), (256, 12407), (271, 12464), (284, 12503),

Gene: Tooj_13 Start: 11603, Stop: 12406, Start Num: 33
Candidate Starts for Tooj_13:

(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (117, 11810), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: TraderJ_14 Start: 13111, Stop: 13884, Start Num: 33
Candidate Starts for TraderJ_14:
(Start: 33 @13111 has 380 MA's), (Start: 86 @13243 has 2 MA's), (173, 13474), (201, 13540), (203, 13549), (258, 13693), (304, 13819), (307, 13834),

Gene: Tres_16 Start: 14532, Stop: 15350, Start Num: 32
Candidate Starts for Tres_16:
(Start: 32 @14532 has 37 MA's), (Start: 86 @14676 has 2 MA's), (119, 14757), (138, 14811), (140, 14817), (159, 14877), (172, 14916), (187, 14955), (203, 14994), (242, 15090), (258, 15138), (271, 15180), (283, 15216), (308, 15282),

Gene: Triad_13 Start: 11152, Stop: 11955, Start Num: 33
Candidate Starts for Triad_13:
(Start: 33 @11152 has 380 MA's), (Start: 45 @11173 has 2 MA's), (Start: 51 @11185 has 45 MA's), (Start: 55 @11197 has 20 MA's), (117, 11359), (142, 11428), (157, 11476), (181, 11548), (202, 11593), (207, 11617), (227, 11668), (256, 11722), (271, 11779), (284, 11818),

Gene: True_12 Start: 11310, Stop: 12107, Start Num: 33
Candidate Starts for True_12:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: Trypo_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Trypo_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: TurkishDelight_18 Start: 14791, Stop: 15639, Start Num: 51
Candidate Starts for TurkishDelight_18:
(Start: 51 @14791 has 45 MA's), (56, 14803), (80, 14881), (81, 14887), (85, 14908), (87, 14914), (90, 14923), (96, 14944), (158, 15112), (165, 15133), (184, 15196), (185, 15199), (216, 15286), (264, 15421), (295, 15538), (304, 15568), (308, 15586), (316, 15607), (320, 15622), (321, 15625),

Gene: Twister6_22 Start: 14256, Stop: 15068, Start Num: 51
Candidate Starts for Twister6_22:
(Start: 51 @14256 has 45 MA's), (78, 14337), (138, 14487), (184, 14634), (197, 14670), (239, 14784), (320, 15054),

Gene: Twonlo_19 Start: 15199, Stop: 16029, Start Num: 38
Candidate Starts for Twonlo_19:
(Start: 38 @15199 has 16 MA's), (92, 15355), (95, 15367), (137, 15445), (150, 15490), (163, 15529), (176, 15571), (184, 15598), (219, 15700), (241, 15751), (281, 15880), (284, 15886), (290, 15907), (305, 15967), (308, 15982),

Gene: Tycho_21 Start: 16586, Stop: 17413, Start Num: 43
Candidate Starts for Tycho_21:

(Start: 43 @16586 has 54 MA's), (48, 16595), (83, 16697), (124, 16787), (170, 16928), (184, 16976), (202, 17027), (219, 17081), (241, 17132), (248, 17150), (258, 17180), (264, 17201), (273, 17237), (284, 17267), (305, 17348), (309, 17366), (314, 17381),

Gene: Tydolla_15 Start: 13878, Stop: 14687, Start Num: 37
Candidate Starts for Tydolla_15:
(Start: 37 @13878 has 53 MA's), (62, 13941), (Start: 86 @14004 has 2 MA's), (127, 14100), (140, 14148), (142, 14154), (157, 14202), (181, 14274), (195, 14304), (203, 14325), (223, 14385), (233, 14406), (258, 14472), (307, 14613), (308, 14616),

Gene: TyrionL_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for TyrionL_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Tyrumbra_26 Start: 14883, Stop: 15692, Start Num: 50
Candidate Starts for Tyrumbra_26:
(Start: 50 @14883 has 48 MA's), (84, 14985), (Start: 86 @14994 has 2 MA's), (89, 15003), (118, 15063), (Start: 120 @15066 has 2 MA's), (142, 15126), (180, 15261), (191, 15300), (219, 15384), (222, 15393), (287, 15549), (301, 15603), (317, 15657), (325, 15681),

Gene: UAch1_13 Start: 11602, Stop: 12405, Start Num: 33
Candidate Starts for UAch1_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: UncleHowie_13 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for UncleHowie_13:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Usavi_13 Start: 11599, Stop: 12402, Start Num: 33
Candidate Starts for Usavi_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: Vaishali24_12 Start: 11274, Stop: 12077, Start Num: 33
Candidate Starts for Vaishali24_12:
(Start: 33 @11274 has 380 MA's), (Start: 45 @11295 has 2 MA's), (Start: 51 @11307 has 45 MA's), (Start: 55 @11319 has 20 MA's), (117, 11481), (142, 11550), (157, 11598), (181, 11670), (202, 11715), (207, 11739), (227, 11790), (256, 11844), (271, 11901), (284, 11940),

Gene: Valary_23 Start: 14709, Stop: 15521, Start Num: 51
Candidate Starts for Valary_23:
(Start: 51 @14709 has 45 MA's), (78, 14790), (138, 14940), (184, 15087), (197, 15123), (239, 15237), (320, 15507),

Gene: Valjean_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Valjean_13:

(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: VanDeWege_23 Start: 14637, Stop: 15449, Start Num: 51
Candidate Starts for VanDeWege_23:
(Start: 51 @14637 has 45 MA's), (78, 14718), (138, 14868), (184, 15015), (197, 15051), (239, 15165), (320, 15435),

Gene: Vaticameos_13 Start: 11306, Stop: 12103, Start Num: 33
Candidate Starts for Vaticameos_13:
(Start: 33 @11306 has 380 MA's), (Start: 45 @11327 has 2 MA's), (Start: 51 @11339 has 45 MA's), (Start: 55 @11351 has 20 MA's), (117, 11513), (142, 11582), (157, 11630), (181, 11702), (202, 11747), (207, 11771), (227, 11822), (256, 11876), (271, 11933), (284, 11972),

Gene: Vectra_12 Start: 11154, Stop: 11957, Start Num: 33
Candidate Starts for Vectra_12:
(Start: 33 @11154 has 380 MA's), (Start: 45 @11175 has 2 MA's), (Start: 51 @11187 has 45 MA's), (Start: 55 @11199 has 20 MA's), (117, 11361), (142, 11430), (157, 11478), (181, 11550), (202, 11595), (207, 11619), (227, 11670), (256, 11724), (271, 11781), (284, 11820),

Gene: Veritas_12 Start: 11149, Stop: 11946, Start Num: 33
Candidate Starts for Veritas_12:
(Start: 33 @11149 has 380 MA's), (Start: 45 @11170 has 2 MA's), (Start: 51 @11182 has 45 MA's), (Start: 55 @11194 has 20 MA's), (142, 11425), (157, 11473), (181, 11545), (202, 11590), (207, 11614), (227, 11665), (256, 11719), (271, 11776), (284, 11815),

Gene: Verity_22 Start: 17000, Stop: 17824, Start Num: 46
Candidate Starts for Verity_22:
(Start: 46 @17000 has 13 MA's), (75, 17072), (142, 17255), (152, 17282), (162, 17312), (184, 17384), (192, 17405), (219, 17486), (241, 17537), (250, 17558), (258, 17585), (273, 17642), (281, 17666), (284, 17672), (287, 17687), (290, 17693), (310, 17774), (314, 17786),

Gene: ViaConlectus_23 Start: 17552, Stop: 18376, Start Num: 46
Candidate Starts for ViaConlectus_23:
(Start: 46 @17552 has 13 MA's), (75, 17624), (93, 17690), (142, 17807), (162, 17864), (184, 17936), (192, 17957), (219, 18038), (226, 18059), (241, 18089), (250, 18110), (258, 18137), (281, 18218), (284, 18224), (290, 18245), (300, 18290), (304, 18302), (310, 18326),

Gene: Vic9_00016 Start: 14972, Stop: 15790, Start Num: 32
Candidate Starts for Vic9_00016:
(Start: 32 @14972 has 37 MA's), (Start: 86 @15116 has 2 MA's), (88, 15122), (138, 15251), (140, 15257), (159, 15317), (172, 15356), (187, 15395), (203, 15434), (242, 15530), (258, 15578), (271, 15620), (283, 15656), (308, 15722),

Gene: Viceroy_25 Start: 15389, Stop: 16123, Start Num: 52
Candidate Starts for Viceroy_25:
(Start: 47 @15380 has 1 MA's), (Start: 52 @15389 has 56 MA's), (71, 15449), (104, 15542), (145, 15641), (205, 15803), (222, 15851), (230, 15872), (270, 15971),

Gene: Vincenzo_14 Start: 14119, Stop: 14907, Start Num: 33
Candidate Starts for Vincenzo_14:

(Start: 33 @14119 has 380 MA's), (Start: 50 @14140 has 48 MA's), (Start: 51 @14143 has 45 MA's), (Start: 55 @14155 has 20 MA's), (141, 14386), (142, 14389), (164, 14458), (171, 14479), (181, 14509), (209, 14593), (227, 14641), (271, 14752), (285, 14794), (304, 14836), (318, 14884),

Gene: VioletZ_13 Start: 13349, Stop: 14143, Start Num: 33
Candidate Starts for VioletZ_13:
(Start: 33 @13349 has 380 MA's), (Start: 45 @13370 has 2 MA's), (Start: 86 @13481 has 2 MA's), (140, 13619), (157, 13673), (164, 13694), (171, 13715), (173, 13721), (203, 13808), (218, 13850), (258, 13946), (259, 13949), (271, 13988), (285, 14030), (304, 14072), (318, 14120),

Gene: Virapocalypse_13 Start: 11600, Stop: 12397, Start Num: 33
Candidate Starts for Virapocalypse_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Virgeve_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Virgeve_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Vista_13 Start: 11605, Stop: 12402, Start Num: 33
Candidate Starts for Vista_13:
(Start: 33 @11605 has 380 MA's), (Start: 45 @11626 has 2 MA's), (Start: 51 @11638 has 45 MA's), (Start: 55 @11650 has 20 MA's), (117, 11812), (142, 11881), (157, 11929), (181, 12001), (202, 12046), (207, 12070), (227, 12121), (256, 12175), (271, 12232), (284, 12271),

Gene: Vivaldi_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Vivaldi_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: Vivi2_21 Start: 17307, Stop: 18137, Start Num: 43
Candidate Starts for Vivi2_21:
(Start: 43 @17307 has 54 MA's), (48, 17316), (83, 17421), (124, 17511), (142, 17565), (149, 17589), (170, 17652), (184, 17700), (193, 17727), (203, 17757), (241, 17856), (258, 17904), (273, 17961), (281, 17985), (284, 17991), (301, 18060), (305, 18072), (309, 18090), (314, 18105),

Gene: Vortex_13 Start: 11310, Stop: 12113, Start Num: 33
Candidate Starts for Vortex_13:
(Start: 33 @11310 has 380 MA's), (Start: 45 @11331 has 2 MA's), (Start: 51 @11343 has 45 MA's), (Start: 55 @11355 has 20 MA's), (117, 11517), (142, 11586), (157, 11634), (181, 11706), (202, 11751), (207, 11775), (227, 11826), (256, 11880), (271, 11937), (284, 11976),

Gene: WaddleDee_70 Start: 45593, Stop: 46462, Start Num: 49
Candidate Starts for WaddleDee_70:
(Start: 49 @45593 has 27 MA's), (63, 45638), (76, 45674), (158, 45926), (197, 46055), (226, 46145), (275, 46277),

Gene: Waleliano_13 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Waleliano_13:

(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (181, 13742), (203, 13805), (218, 13847), (258, 13943), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Wallhey_12 Start: 11161, Stop: 11958, Start Num: 33
Candidate Starts for Wallhey_12:
(Start: 33 @11161 has 380 MA's), (Start: 45 @11182 has 2 MA's), (Start: 51 @11194 has 45 MA's), (Start: 55 @11206 has 20 MA's), (142, 11437), (157, 11485), (181, 11557), (202, 11602), (207, 11626), (227, 11677), (256, 11731), (271, 11788), (284, 11827),

Gene: Waterdiva_13 Start: 11603, Stop: 12400, Start Num: 33
Candidate Starts for Waterdiva_13:
(Start: 33 @11603 has 380 MA's), (Start: 45 @11624 has 2 MA's), (Start: 51 @11636 has 45 MA's), (Start: 55 @11648 has 20 MA's), (142, 11879), (157, 11927), (181, 11999), (202, 12044), (207, 12068), (227, 12119), (256, 12173), (271, 12230), (284, 12269),

Gene: Wayne3_27 Start: 16354, Stop: 17088, Start Num: 52
Candidate Starts for Wayne3_27:
(Start: 47 @16345 has 1 MA's), (Start: 52 @16354 has 56 MA's), (71, 16414), (104, 16507), (145, 16606), (205, 16768), (222, 16816), (230, 16837), (270, 16936),

Gene: Weher20_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for Weher20_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: West99_16 Start: 14652, Stop: 15470, Start Num: 32
Candidate Starts for West99_16:
(Start: 32 @14652 has 37 MA's), (Start: 86 @14796 has 2 MA's), (119, 14877), (138, 14931), (140, 14937), (159, 14997), (172, 15036), (187, 15075), (203, 15114), (242, 15210), (258, 15258), (271, 15300), (283, 15336), (308, 15402),

Gene: WheelerS25_31 Start: 17184, Stop: 17918, Start Num: 52
Candidate Starts for WheelerS25_31:
(Start: 47 @17175 has 1 MA's), (Start: 52 @17184 has 56 MA's), (71, 17244), (145, 17436), (205, 17598), (214, 17625), (222, 17646), (229, 17664), (230, 17667), (246, 17694), (247, 17697), (257, 17733), (270, 17766),

Gene: Wheelie_25 Start: 15705, Stop: 16439, Start Num: 52
Candidate Starts for Wheelie_25:
(Start: 47 @15696 has 1 MA's), (Start: 52 @15705 has 56 MA's), (71, 15765), (104, 15858), (145, 15957), (205, 16119), (222, 16167), (230, 16188), (270, 16287),

Gene: Wilca_25 Start: 14837, Stop: 15583, Start Num: 52
Candidate Starts for Wilca_25:
(Start: 47 @14828 has 1 MA's), (Start: 52 @14837 has 56 MA's), (172, 15164), (219, 15287), (222, 15296), (255, 15371), (257, 15386), (302, 15524), (305, 15533), (315, 15569),

Gene: Wilde_21 Start: 14844, Stop: 15623, Start Num: 49
Candidate Starts for Wilde_21:

(Start: 49 @14844 has 27 MA's), (58, 14871), (173, 15174), (186, 15216), (226, 15333), (268, 15444), (284, 15492), (297, 15534),

Gene: Windsor_12 Start: 11263, Stop: 12066, Start Num: 33
Candidate Starts for Windsor_12:
(Start: 33 @11263 has 380 MA's), (Start: 45 @11284 has 2 MA's), (Start: 51 @11296 has 45 MA's), (Start: 55 @11308 has 20 MA's), (117, 11470), (142, 11539), (157, 11587), (181, 11659), (202, 11704), (207, 11728), (227, 11779), (256, 11833), (271, 11890), (284, 11929),

Gene: Wizard_20 Start: 13964, Stop: 14776, Start Num: 51
Candidate Starts for Wizard_20:
(Start: 51 @13964 has 45 MA's), (78, 14045), (138, 14195), (184, 14342), (197, 14378), (239, 14492), (320, 14762),

Gene: Wooper_14 Start: 13117, Stop: 13890, Start Num: 33
Candidate Starts for Wooper_14:
(Start: 33 @13117 has 380 MA's), (Start: 86 @13249 has 2 MA's), (173, 13480), (201, 13546), (203, 13555), (258, 13699), (304, 13825), (307, 13840),

Gene: Xavier_12 Start: 11309, Stop: 12112, Start Num: 33
Candidate Starts for Xavier_12:
(Start: 33 @11309 has 380 MA's), (Start: 45 @11330 has 2 MA's), (Start: 51 @11342 has 45 MA's), (Start: 55 @11354 has 20 MA's), (117, 11516), (142, 11585), (157, 11633), (181, 11705), (202, 11750), (207, 11774), (227, 11825), (256, 11879), (271, 11936), (284, 11975),

Gene: Xincheng_13 Start: 13170, Stop: 13964, Start Num: 33
Candidate Starts for Xincheng_13:
(Start: 33 @13170 has 380 MA's), (Start: 45 @13191 has 2 MA's), (Start: 51 @13203 has 45 MA's), (67, 13257), (Start: 86 @13302 has 2 MA's), (140, 13440), (157, 13494), (164, 13515), (171, 13536), (173, 13542), (181, 13566), (203, 13629), (218, 13671), (258, 13767), (259, 13770), (271, 13809), (285, 13851), (304, 13893), (318, 13941),

Gene: Xkcd426_15 Start: 16526, Stop: 17386, Start Num: 51
Candidate Starts for Xkcd426_15:
(Start: 51 @16526 has 45 MA's), (56, 16541), (103, 16688), (122, 16718), (152, 16811), (162, 16841), (177, 16889), (203, 16967), (234, 17054), (241, 17066), (277, 17210), (281, 17222), (291, 17252), (299, 17288),

Gene: YDN12_15 Start: 15481, Stop: 16377, Start Num: 51
Candidate Starts for YDN12_15:
(Start: 51 @15481 has 45 MA's), (77, 15559), (83, 15583), (89, 15607), (117, 15679), (140, 15742), (167, 15826), (177, 15859), (183, 15880), (197, 15919), (201, 15928), (223, 16000), (241, 16036), (254, 16066), (258, 16090), (292, 16228), (298, 16258), (299, 16261), (304, 16279), (308, 16297), (320, 16336), (328, 16363),

Gene: Yago84_12 Start: 11977, Stop: 12759, Start Num: 33
Candidate Starts for Yago84_12:
(Start: 33 @11977 has 380 MA's), (Start: 51 @12016 has 45 MA's), (68, 12070), (159, 12310), (167, 12334), (219, 12472), (226, 12493), (263, 12589), (270, 12610), (275, 12628), (285, 12655), (314, 12736),

Gene: Yahalom_15 Start: 13152, Stop: 13961, Start Num: 37
Candidate Starts for Yahalom_15:

(Start: 37 @13152 has 53 MA's), (62, 13215), (Start: 86 @13278 has 2 MA's), (127, 13374), (140, 13422), (142, 13428), (157, 13476), (181, 13548), (195, 13578), (203, 13599), (223, 13659), (233, 13680), (258, 13746), (307, 13887), (308, 13890),

Gene: Yeshua_14 Start: 13124, Stop: 13897, Start Num: 33
Candidate Starts for Yeshua_14:
(Start: 33 @13124 has 380 MA's), (Start: 86 @13256 has 2 MA's), (173, 13487), (201, 13553), (203, 13562), (249, 13676), (258, 13706), (302, 13826), (307, 13847),

Gene: Yeti_28 Start: 15679, Stop: 16509, Start Num: 50
Candidate Starts for Yeti_28:
(Start: 50 @15679 has 48 MA's), (Start: 86 @15790 has 2 MA's), (Start: 120 @15862 has 2 MA's), (142, 15922), (184, 16072), (193, 16099), (202, 16123), (205, 16138), (219, 16177), (222, 16186), (226, 16198), (301, 16420), (317, 16474),

Gene: Yinz_15 Start: 13179, Stop: 13988, Start Num: 37
Candidate Starts for Yinz_15:
(Start: 37 @13179 has 53 MA's), (62, 13242), (Start: 86 @13305 has 2 MA's), (127, 13401), (140, 13449), (142, 13455), (157, 13503), (181, 13575), (195, 13605), (197, 13608), (203, 13626), (223, 13686), (233, 13707), (258, 13773), (307, 13914), (308, 13917),

Gene: YorkOnyx_22 Start: 16855, Stop: 17682, Start Num: 43
Candidate Starts for YorkOnyx_22:
(Start: 43 @16855 has 54 MA's), (48, 16864), (83, 16966), (124, 17056), (170, 17197), (184, 17245), (202, 17296), (219, 17350), (241, 17401), (248, 17419), (258, 17449), (264, 17470), (273, 17506), (284, 17536), (305, 17617), (309, 17635), (314, 17650),

Gene: Yoshand_13 Start: 11600, Stop: 12403, Start Num: 33
Candidate Starts for Yoshand_13:
(Start: 33 @11600 has 380 MA's), (Start: 45 @11621 has 2 MA's), (Start: 51 @11633 has 45 MA's), (Start: 55 @11645 has 20 MA's), (117, 11807), (142, 11876), (157, 11924), (181, 11996), (202, 12041), (207, 12065), (227, 12116), (256, 12170), (271, 12227), (284, 12266),

Gene: YouGoGlencoco_13 Start: 11599, Stop: 12396, Start Num: 33
Candidate Starts for YouGoGlencoco_13:
(Start: 33 @11599 has 380 MA's), (Start: 45 @11620 has 2 MA's), (Start: 51 @11632 has 45 MA's), (Start: 55 @11644 has 20 MA's), (117, 11806), (142, 11875), (157, 11923), (181, 11995), (202, 12040), (207, 12064), (227, 12115), (256, 12169), (271, 12226), (284, 12265),

Gene: YungMoney_22 Start: 15274, Stop: 16086, Start Num: 51
Candidate Starts for YungMoney_22:
(Start: 51 @15274 has 45 MA's), (78, 15355), (138, 15505), (176, 15625), (184, 15652), (239, 15802), (259, 15856), (281, 15934), (320, 16072),

Gene: Zagie_26 Start: 15893, Stop: 16627, Start Num: 52
Candidate Starts for Zagie_26:
(Start: 47 @15884 has 1 MA's), (Start: 52 @15893 has 56 MA's), (71, 15953), (104, 16046), (145, 16145), (205, 16307), (222, 16355), (230, 16376), (270, 16475), (279, 16502),

Gene: Zaider_14 Start: 11832, Stop: 12629, Start Num: 33
Candidate Starts for Zaider_14:
(Start: 33 @11832 has 380 MA's), (Start: 45 @11853 has 2 MA's), (Start: 51 @11865 has 45 MA's), (Start: 55 @11877 has 20 MA's), (117, 12039), (142, 12108), (157, 12156), (181, 12228), (202, 12273),

(207, 12297), (227, 12348), (256, 12402), (271, 12459), (284, 12498),

Gene: Zelda_13 Start: 11602, Stop: 12399, Start Num: 33
Candidate Starts for Zelda_13:
(Start: 33 @11602 has 380 MA's), (Start: 45 @11623 has 2 MA's), (Start: 51 @11635 has 45 MA's), (Start: 55 @11647 has 20 MA's), (117, 11809), (142, 11878), (157, 11926), (181, 11998), (202, 12043), (207, 12067), (227, 12118), (256, 12172), (271, 12229), (284, 12268),

Gene: Zemanar_14 Start: 13346, Stop: 14140, Start Num: 33
Candidate Starts for Zemanar_14:
(Start: 33 @13346 has 380 MA's), (Start: 45 @13367 has 2 MA's), (Start: 51 @13379 has 45 MA's), (Start: 86 @13478 has 2 MA's), (140, 13616), (157, 13670), (164, 13691), (171, 13712), (173, 13718), (181, 13742), (203, 13805), (218, 13847), (258, 13943), (271, 13985), (285, 14027), (304, 14069), (318, 14117),

Gene: Zenteno07_18 Start: 12750, Stop: 13520, Start Num: 33
Candidate Starts for Zenteno07_18:
(Start: 33 @12750 has 380 MA's), (Start: 45 @12762 has 2 MA's), (Start: 86 @12870 has 2 MA's), (88, 12876), (117, 12948), (141, 13014), (203, 13191), (271, 13371), (285, 13413), (304, 13455), (318, 13503),

Gene: ZestyBestie_24 Start: 15665, Stop: 16399, Start Num: 52
Candidate Starts for ZestyBestie_24:
(Start: 47 @15656 has 1 MA's), (Start: 52 @15665 has 56 MA's), (71, 15725), (104, 15818), (145, 15917), (205, 16079), (222, 16127), (230, 16148), (270, 16247),

Gene: Zhafia_28 Start: 16216, Stop: 16950, Start Num: 52
Candidate Starts for Zhafia_28:
(Start: 47 @16207 has 1 MA's), (Start: 52 @16216 has 56 MA's), (71, 16276), (104, 16369), (145, 16468), (205, 16630), (222, 16678), (230, 16699), (270, 16798),

Gene: Zipp_22 Start: 17649, Stop: 18473, Start Num: 46
Candidate Starts for Zipp_22:
(Start: 46 @17649 has 13 MA's), (75, 17721), (142, 17904), (152, 17931), (162, 17961), (184, 18033), (192, 18054), (219, 18135), (241, 18186), (250, 18207), (258, 18234), (273, 18291), (281, 18315), (284, 18321), (287, 18336), (290, 18342), (310, 18423), (314, 18435),

Gene: Zitch_24 Start: 16782, Stop: 17606, Start Num: 46
Candidate Starts for Zitch_24:
(42, 16773), (Start: 46 @16782 has 13 MA's), (75, 16854), (93, 16920), (142, 17037), (162, 17094), (184, 17166), (192, 17187), (219, 17268), (226, 17289), (241, 17319), (250, 17340), (258, 17367), (281, 17448), (284, 17454), (290, 17475), (310, 17556),

Gene: Zonia_13 Start: 11616, Stop: 12413, Start Num: 33
Candidate Starts for Zonia_13:
(Start: 33 @11616 has 380 MA's), (Start: 45 @11637 has 2 MA's), (Start: 51 @11649 has 45 MA's), (Start: 55 @11661 has 20 MA's), (142, 11892), (157, 11940), (181, 12012), (202, 12057), (207, 12081), (227, 12132), (256, 12186), (271, 12243), (284, 12282),

Gene: Zooman_74 Start: 44530, Stop: 45405, Start Num: 49
Candidate Starts for Zooman_74:
(Start: 49 @44530 has 27 MA's), (70, 44593), (76, 44605), (222, 45067),

Gene: phiAsp2_15 Start: 10148, Stop: 10969, Start Num: 53
Candidate Starts for phiAsp2_15:
(Start: 51 @10142 has 45 MA's), (53, 10148), (106, 10304), (111, 10319), (139, 10379), (142, 10388), (201, 10565), (210, 10601), (212, 10604), (230, 10652), (246, 10679), (303, 10883), (304, 10886),