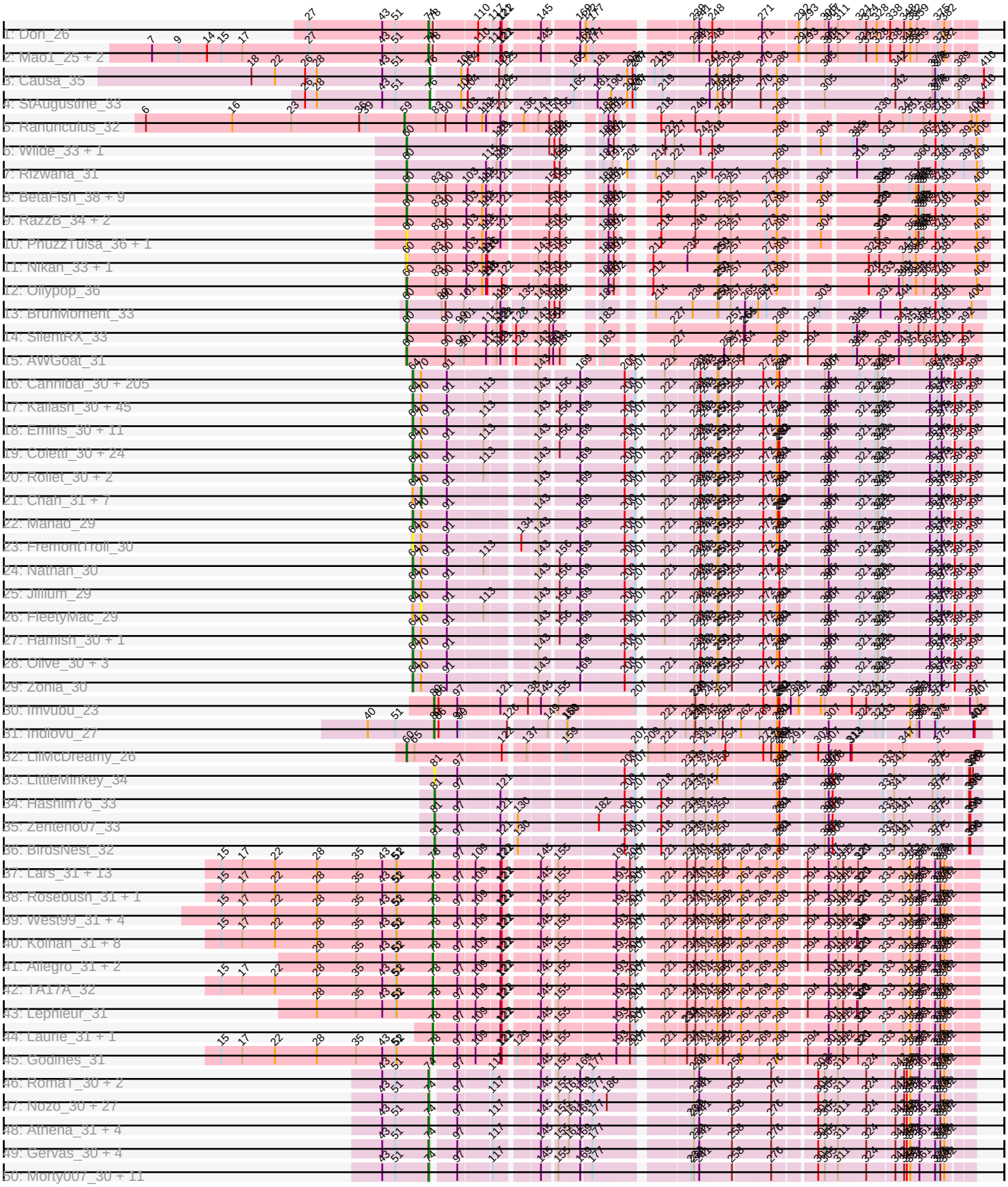
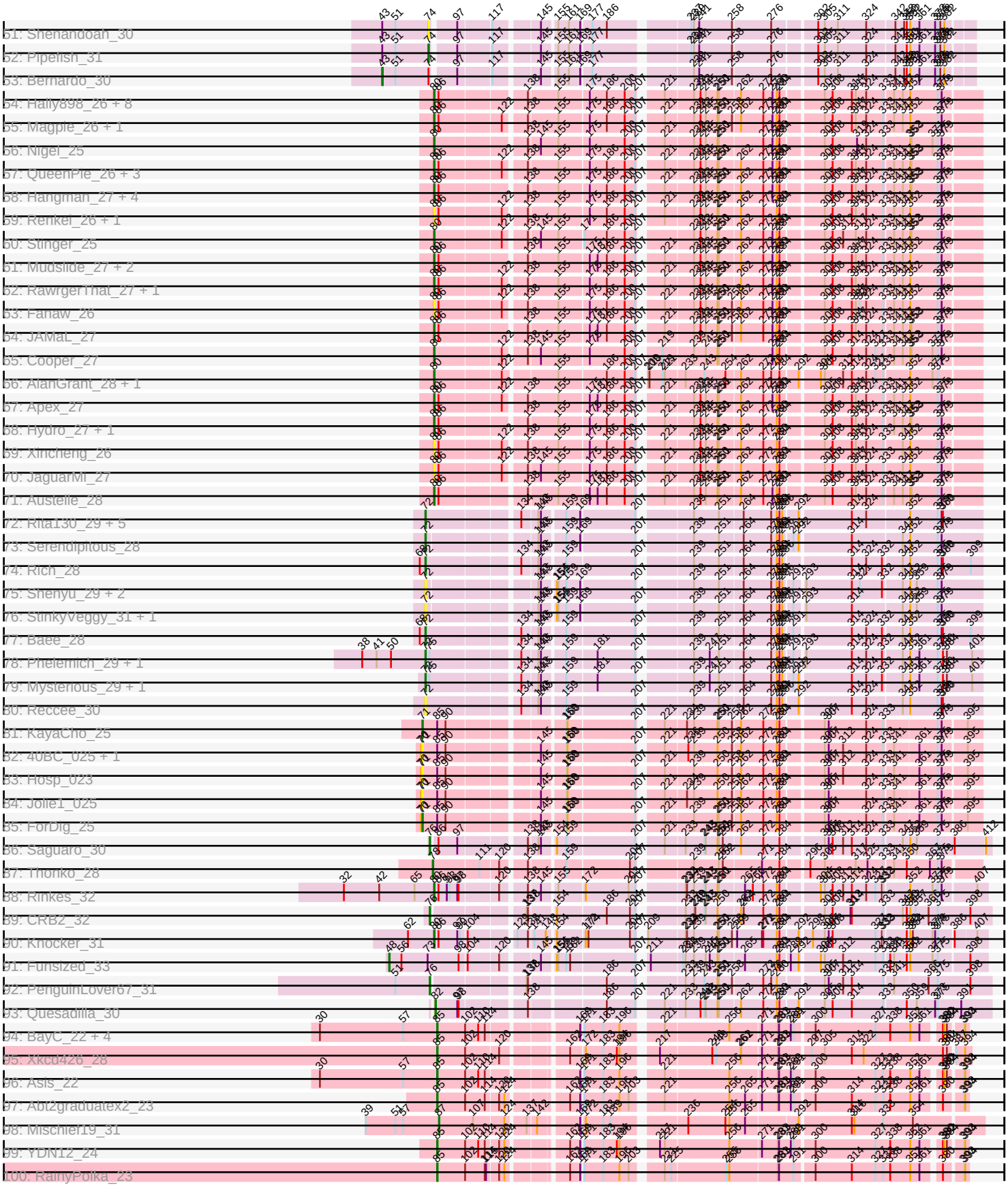
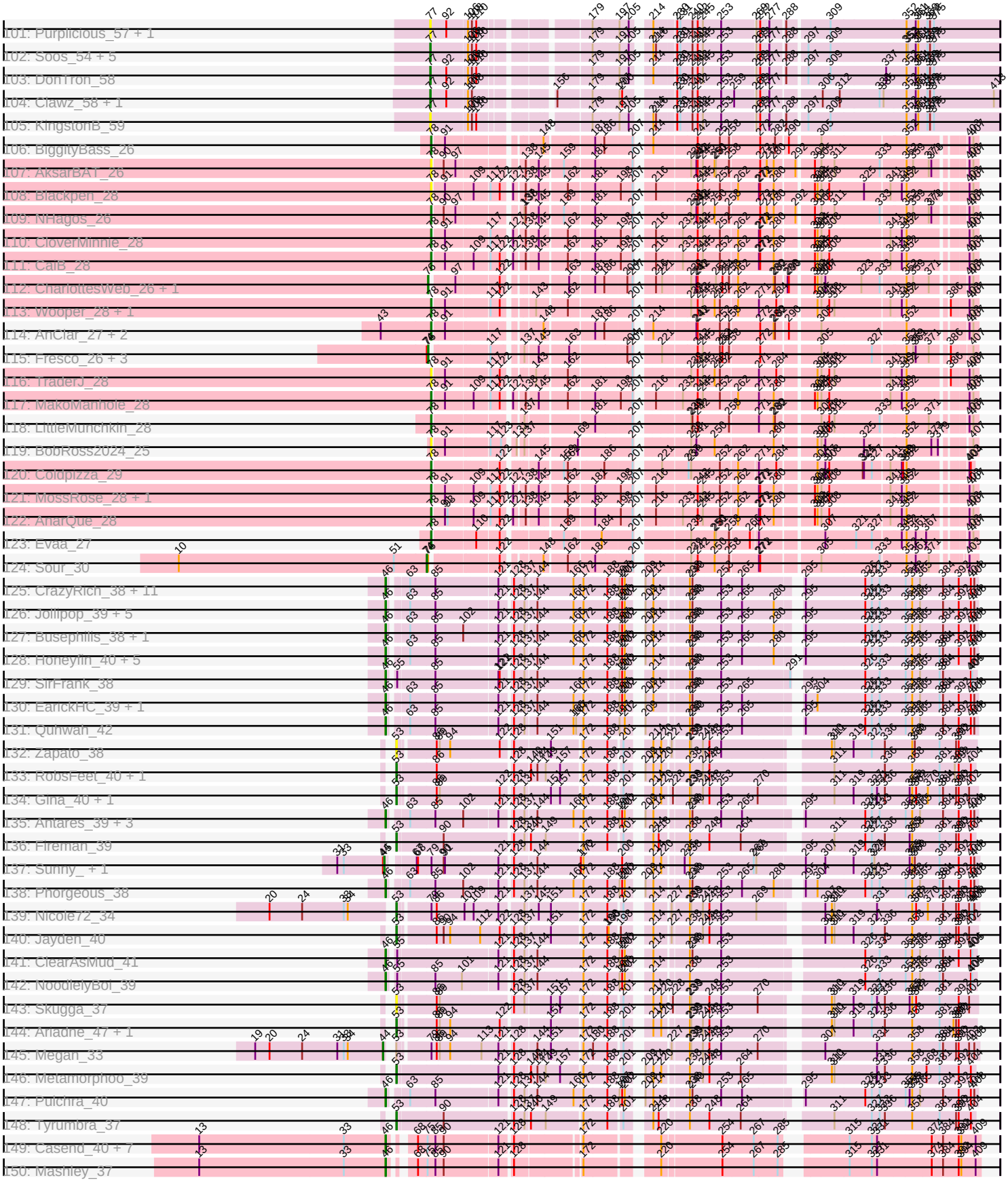
Pham 288923


1: Dori_26
2: Mao1_25 + 2
3: Causa_35
4: StAugustine_33
5: Ranunculus_32
6: Wilde_33 + 1
7: Rizwana_31
8: BetaFish_38 + 9
9: RazzB_34 + 2
10: PhuzzTulsa_36 + 1
11: Nikan_33 + 1
12: Ollypop_36
13: BruhMoment_33
14: SilentRX_33
15: AWGoat_31
16: Cannibal_30 + 205
17: Kailash_30 + 45
18: Emiris_30 + 11
19: Colett_30 + 24
20: Rollet_30 + 2
21: Chan_31 + 7
22: Manad_29
23: FremontTroll_30
24: Nathan_30
25: Jillium_29
26: FleetyMac_29
27: Hamish_30 + 1
28: Olive_30 + 3
29: Zonia_30
30: Imvubu_23
31: Indlovu_27
32: LilMcDreamy_26
33: LittleMinkey_34
34: Hashim76_33
35: Zenteno07_33
36: BirdsNest_32
37: Lars_31 + 13
38: Rosebush_31 + 1
39: West99_31 + 4
40: Kolhan_31 + 8
41: Allegro_31 + 2
42: TA17A_32
43: Lephieur_31
44: Laurie_31 + 1
45: Godines_31
46: RomaT_30 + 2
47: Nozo_30 + 27
48: Athena_31 + 4
49: Gervas_30 + 4
50: Monty007_30 + 11

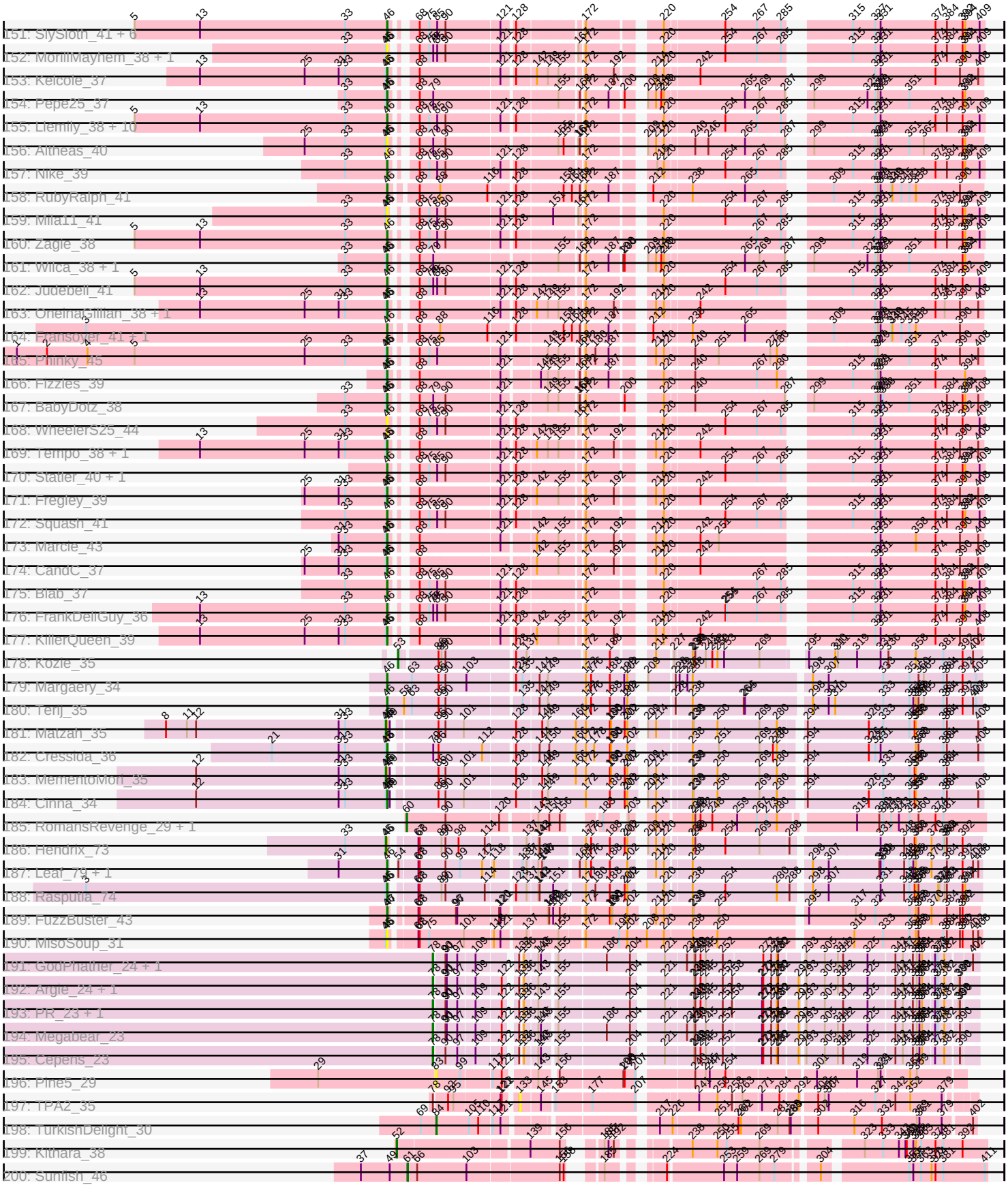
Pham 288923


51: Shenandoah_30
52: Pipefish_31
53: Bernardo_30
54: Hally898_26 + 8
55: Magpie_26 + 1
56: Nigel_25
57: QueenPie_26 + 3
58: Hangman_27 + 4
59: Renkei_26 + 1
60: Stinger_25
61: Mudslide_27 + 2
62: RawrgerThat_27 + 1
63: Fanaw_26
64: JAMaL_27
65: Cooper_27
66: AlanGrant_28 + 1
67: Apex_27
68: Hydro_27 + 1
69: Xincheng_26
70: JaguarMI_27
71: Austelle_28
72: Rita130_29 + 5
73: Serendipitous_28
74: Rich_28
75: Shenyu_29 + 2
76: StinkyVeggy_31 + 1
77: Baee_28
78: Phelemich_29 + 1
79: Mysterious_29 + 1
80: Reccee_30
81: KayaCho_25
82: 40BC_025 + 1
83: Hosp_023
84: Jolie1_025
85: ForDig_25
86: Saguaro_30
87: Thonko_28
88: Rinkes_32
89: CRB2_32
90: Knocker_31
91: Funsized_33
92: PenguinLover67_31
93: Quesadilla_30
94: BayC_22 + 4
95: Xkcd426_28
96: Asis_22
97: Abf2graduatex2_23
98: Mischief19_31
99: YDN12_24
100: RainyPolka_23

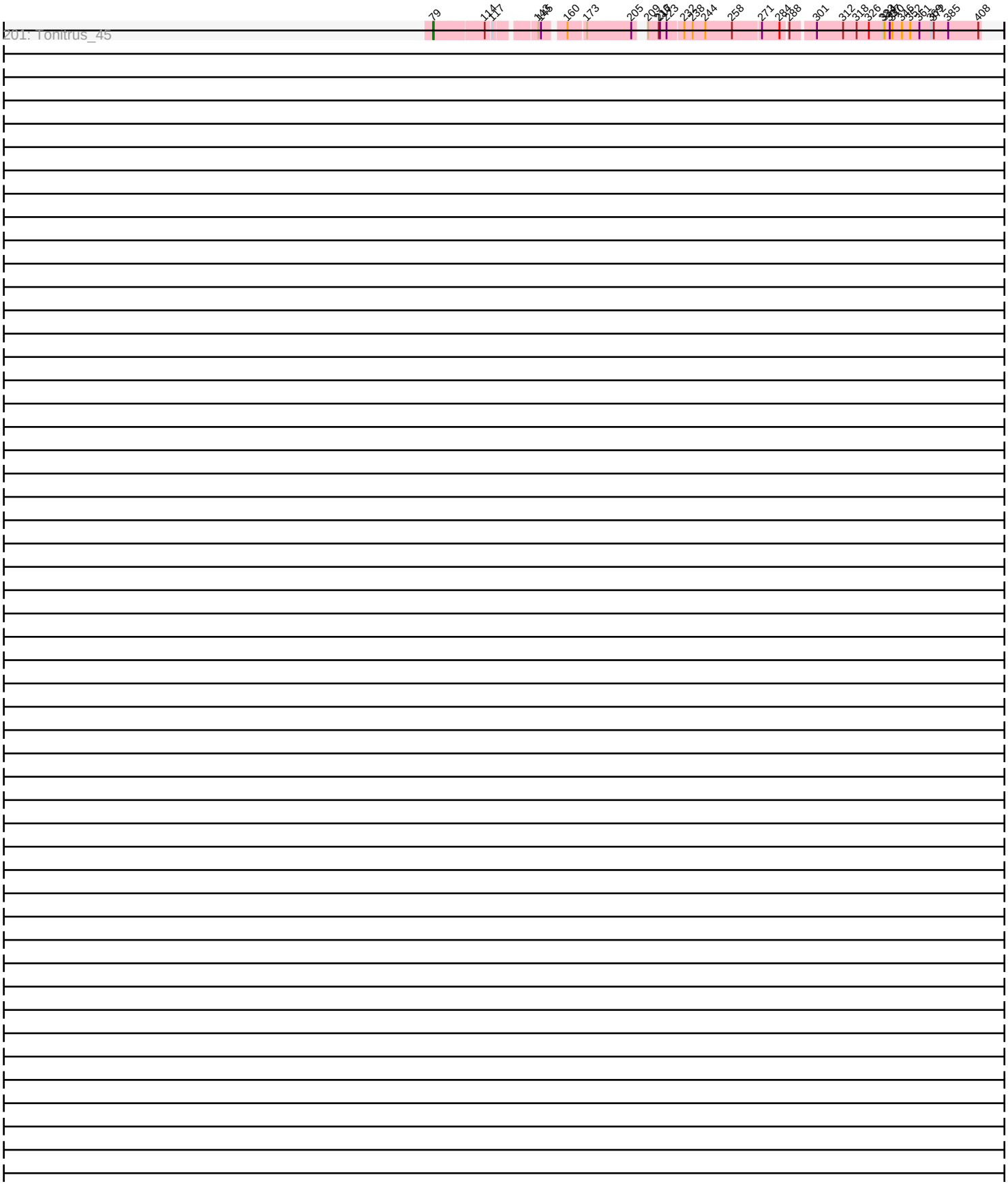
Pham 288923


101: Purplicious_57 + 1
102: Soos_54 + 5
103: DonTron_58
104: Clawz_58 + 1
105: KingstonB_59
106: BiggityBass_26
107: AksarBAT_26
108: Blackpen_28
109: NRagos_26
110: CloverMinnie_28
111: CalB_28
112: CharlottesWeb_26 + 1
113: Wooper_28 + 1
114: AnClar_27 + 2
115: Fresco_26 + 3
116: TraderJ_28
117: MakoMannole_28
118: LittleMunchkin_28
119: BobRoss2024_25
120: Coldpizza_29
121: MossRose_28 + 1
122: AnarQue_28
123: Evaa_27
124: Sour_30
125: CrazyRich_38 + 11
126: Jollpop_39 + 5
127: Busephills_38 + 1
128: Honeyfin_40 + 5
129: SirFrank_38
130: EarickHC_39 + 1
131: Quhwah_42
132: Zapato_38
133: RobsFeet_40 + 1
134: Gina_40 + 1
135: Antares_39 + 3
136: Fireman_39
137: Sunny_ + 1
138: Phorgeous_38
139: Nicole72_34
140: Jayden_40
141: ClearAsMud_41
142: NoodlelyBoi_39
143: Skugga_37
144: Ariadne_47 + 1
145: Megan_33
146: Metamorphoo_39
147: Pulchra_40
148: Tyrumbra_37
149: Casend_40 + 7
150: Mashley_37

Pham 288923



Pham 288923


201: Tonitrus_45
79
114
117
160
173
205
258
271
284
288
301
312
318
326
385
408

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 288923 Report

This analysis was run 03/28/26 on database version 641.

Pham number 288923 has 708 members, 107 are drafts.

Phages represented in each track:
• Track 1 : Dori_26
• Track 2 : Mao1_25, Mask_26, Sejanus_26
• Track 3 : Causa_35
• Track 4 : StAugustine_33
• Track 5 : Ranunculus_32
• Track 6 : Wilde_33, Tank_33
• Track 7 : Rizwana_31
• Track 8 : BetaFish_38, Beagle_39, Pureglobe5_40, DogYard_38, Hive_38, MellowYellow_35, Popstraw_36, Pointis_38, Odyssey395_40, Kubulix_39
• Track 9 : RazzB_34, Forrestell_35, NyleyClemson_34
• Track 10 : PhuzzTulsa_36, RIPWilbur_36
• Track 11 : Nikan_33, Ren19_31
• Track 12 : Ollypop_36
• Track 13 : BruhMoment_33
• Track 14 : SilentRX_33
• Track 15 : AWGoat_31
• Track 16 : Cannibal_30, Banjo_29, Gophee_30, KingTut_21, RedRaider89_30, Morgushi_30, Vaticameos_30, Giraffe_30, Happabalu_30, Sigman_30, Scoot17C_30, Puhltonio_30, BlackStallion_30, Lasso_30, Podrick_30, Mesh1_30, Maru_29, Samaymay_30, MiniBoss_30, Scrick_30, MitKao_30, LuckyMarjie_29, TomBombadil_30, Phipps_30, AltPhacts_30, Orion_30, Lulwa_30, PhrodoBaggins_29, Mulan_29, Megatron_30, Dingo_30, LeeLot_30, Altwerkus_29, Murdoc_30, DolOn_31, IsaacEli_30, GreenChile_30, Cher_29, Tooj_30, CampRoach_30, Haleema_29, ProfessorX_30, FriarPreacher_30, Chaelin_30, Anderson_30, Tomlarah_30, Antonia_29, Charles1_30, Vortex_30, DonSanchon_29, QueenBeane_30, Omniscient_30, Kwadwo_29, Simielle_29, Mana_29, SirBeauregard_30, Iridoclysis_30, Phareon_30, Badfish_30, Adriana_30, Freya_29, Lego3393_30, Grand2040_29, Kimbrough_30, UncleHowie_30, Orfeu_29, Mecca_29, Oosterbaan_30, Triad_30, Schadenfreude_29, JacAttac_30, Inverness_30, LostAndPhound_29, KlimbOn_30, Toni_29, Hekos_27, Chunky_30, Riggan_30, Matalotodo_30, Bishoperium_29, Mutante_29, SilverBell_30, Usavi_30, BoogieWoogie_29, LeiMonet_30, Gyarad_0030, Zelda_30, YouGoGlencoco_30, Xavier_29, EmpTee_30, Lumine_29, Eugenia_30, LemonSlice_30, Thora_30, Bluephacebaby_29, HSavage_30, UAch1_30, Basato_31, Eremos_30, Beaglebox_29, Harvey_30, Burr_29, Lopsy_29, Sophia_29, Sheila_30, Mosaic_29, Solosis_29, Gwilliam_30, Skippy_30, Katniss_30, Squiggle_30, Daffy_30, Plmatters_30, Kikipoo_30, SassyCat97_29, Lehmann_30, Megamind20_30,

Childish_29, Newman_30, PhatCats2014_30, Soto_30, Ricotta_29, PG1_30, Morty_30, Squid_30, Roscoe_31, CamL_30, Phunky_30, Phamished_30, Fringe_30, ABU_30, Numberten_30, SallyH_30, BlueHusk_30, TooFast2Furius_31, Vista_30, Aonishiki_30, FluffyNinja_30, Hetaeria_30, Hertubise_30, Vivaldi_30, Swish_30, Nyala_29, Kloppinator_30, AbsoluteMadLad_29, Carthage_28, Serendipity_30, Roy17_30, Andre_30, Kahve_29, Nacho_0030, Craff_30, Held_30, Cosmolli16_29, Legolas_29, Telesworld_29, Waterdiva_30, Serpentine_0030, HighStump_29, Spartan300_30, Suffolk_30, ShadowBud_30, Apizium_29, Dice_29, Nicole21_30, Surely_30, Chorkpop_30, MRabcd_29, Slatt_30, Lulumae_29, ThreeOh3D2_30, Virapocalypse_30, Dione_29, Crownjwl_30, True_29, Selr12_30, Timmi_29, Valjean_30, ShiVal_30, Dati_30, Prickles_30, Potter_29, Piglet_0029, HenryJackson_29, Pherdinand_30, FugateOSU_29, JangoPhett_30, Iridessa_30, Inchworm_30, Olak_29, Mesmerelda_29, Boehler_30, Cornobble_29, DoesntMatter_30, KLucky39_30, RedMaple_29, Horchata_30, Pacifista_29, Pipsqueak_30, Mcshane_29, Buckeye_30, Aelin_29, Orwigg_29, SDcharge11_30, Gareth_29, Quisquiliae_30

• Track 17 : Kailash_30, DelRivs_29, Durga_30, Cornbread_29, Caspiboi_29, BatteryCK_29, PallasAthena_30, Maskar_29, Derpp_29, TyrionL_29, Hocus_29, Veritas_29, GeneCoco_30, MichaelPhcott_29, JakeO_29, Pinkman_29, Phleuron_29, DuchessDung_28, Ashraf_29, ImtiyazSitla_29, PhrankReynolds_29, Karn_29, PhenghisKhan_29, LasagnaCat_30, Brilliant_30, Swiphy_30, Trypo_30, Hartsy_30, Phergie_29, Longacauda_29, PhatLouie_30, Khan1_30, Jiraiya_29, Rimu_30, Kwksand96_29, Wallhey_29, Labeouficaum_29, Jesabah_30, MrPhizzler_30, Oline_29, Soile_30, AngelCake_30, Mag7_29, Magic8_30, Chuni_29, CharlieGBrown_29

• Track 18 : Emiris_30, Cobra_30, Riverton_29, PinheadLarry_30, Schueller_29, OneBrain_30, Pops_30, HogWash_29, Frankicide_30, Daka_30, Etaye_30, Chipette_31

• Track 19 : Coletti_30, Thunderbird_29, Duggie_29, Jiminy_29, MelsMeow_29, Windsor_29, Virgeve_29, Aleia_30, ElvisPhasley_30, OSmaximus_30, Plata_30, Doddsville_30, BlacksBerry_29, Fozzie_29, Weher20_30, Keitherie_30, Melc17_30, JDog_29, Flake_31, Gwennie1_30, Larson_31, DaddyDaniels_30, Struggle_29, Chute_29, Placalicious_29

• Track 20 : Roliet_30, CheetO_30, Mikota_30

• Track 21 : Chah_31, Colbert_30, KingVeVeVe_30, TallGrassMM_30, Zaider_31, OliverWalter_30, Yoshand_30, Fang_30

• Track 22 : Manad_29

• Track 23 : FremontTroll_30

• Track 24 : Nathan_30

• Track 25 : Jillium_29

• Track 26 : FleetyMac_29

• Track 27 : Hamish_30, Haimas_30

• Track 28 : Olive_30, Vaishali24_29, DirtJuice_30, Robyn_29

• Track 29 : Zonia_30

• Track 30 : Imvubu_23

• Track 31 : Indlovu_27

• Track 32 : LilMcDreamy_26

• Track 33 : LittleMinkey_34

• Track 34 : Hashim76_33

• Track 35 : Zenteno07_33

• Track 36 : BirdsNest_32

• Track 37 : Lars_31, Kaleb_31, PrinceCharming_31, Glass_31, Sabella_31, MasterPo_31, Hedgerow_31, Blocker23_31, FrenchFry_31, Coffee_31,

Tinciduntsolum_32, Qyrzula_29, Tres_31, Brownie5_31
• Track 38 : Rosebush_31, Ares_31
• Track 39 : West99_31, Boyle_31, Eaglehorse_31, ItsyBitsy1_31, Rhinoforte_31
• Track 40 : Kolhan_31, Opia_31, LilSmirk_31, Bananafish_31, LizLemon_31, Arbiter_31, Calamitous_31, Phantasmagoria_31, Faze9_31
• Track 41 : Allegro_31, Kheth_31, Holeinone_31
• Track 42 : TA17A_32
• Track 43 : Lephleur_31
• Track 44 : Laurie_31, Vic9_00031
• Track 45 : Godines_31
• Track 46 : RomaT_30, Glubnar_31, Kamiyu_30
• Track 47 : Nozo_30, ChaChing_30, Ben11_29, Yahalom_30, Rita1961_30, Phaedrus_28, Tydolla_30, SlippinJimmy_30, Devonte_30, OrangeOswald_30, RagingRooster_30, Phayeta_30, Chandler_30, LestyG_30, Abinghost_30, Gadjet_31, Deenasa_30, Heathcliff_30, Obutu_30, SynergyX_30, Neos5_30, Mulaychimus_30, Baloo_30, Corofin_30, Audrey_30, Mortcellus_29, Yinz_30, Akoma_30
• Track 48 : Athena_31, Olivio_29, Briakila_30, Casbah_29, HarveySr_30
• Track 49 : Gervas_30, Chentzyk_29, TinyTerror_30, Marlia_30, Kronus_29
• Track 50 : Morty007_30, Compostia_31, Marley1013_30, Phlyer_30, MmasiCarm_30, GlenHope_31, Philly_29, Halfpint_29, SwainyDoc_30, Daisy_30, Chalmers_30, Jackstina_27
• Track 51 : Shenandoah_30
• Track 52 : Pipefish_31
• Track 53 : Bernardo_30
• Track 54 : Hally898_26, Antihero_26, Poster_26, Ahwei_26, Lambano_26, Epah_26, GinPorsche_26, Lolalove_27, Nanao_26
• Track 55 : Magpie_26, ChrisnMich_26
• Track 56 : Nigel_25
• Track 57 : QueenPie_26, Frederick_27, Heath_26, Zemanar_28
• Track 58 : Hangman_27, Waleliano_27, BrownCNA_28, Mithril_27, JoyceMaria_27
• Track 59 : Renkei_26, LittleDigger_26
• Track 60 : Stinger_25
• Track 61 : Mudslide_27, VioletZ_27, Prince_27
• Track 62 : RawrgerThat_27, Fortunato_27
• Track 63 : Fanaw_26
• Track 64 : JAMaL_27
• Track 65 : Cooper_27
• Track 66 : AlanGrant_28, Vincenzo_28
• Track 67 : Apex_27
• Track 68 : Hydro_27, BobbyK_27
• Track 69 : Xincheng_26
• Track 70 : JaguarMi_27
• Track 71 : Austelle_28
• Track 72 : Rita130_29, Acadian_29, Donny_29, Suigeneris_29, EastView9101_28, SirJeffery_29
• Track 73 : Serendipitous_28
• Track 74 : Rich_28
• Track 75 : Shenyu_29, DigitDog_29, Nangang_29
• Track 76 : StinkyVeggy_31, KarasumaRum_31
• Track 77 : Baee_28
• Track 78 : Phelemich_29, Reprobate_29
• Track 79 : Mysterious_29, Nehemiah_28
• Track 80 : Reccee_30

• Track 81 : KayaCho_25
• Track 82 : 40BC_025, 39HC_025
• Track 83 : Hosp_023
• Track 84 : Jolie1_025
• Track 85 : ForDig_25
• Track 86 : Saguaro_30
• Track 87 : Thonko_28
• Track 88 : Rinkes_32
• Track 89 : CRB2_32
• Track 90 : Knocker_31
• Track 91 : Funsized_33
• Track 92 : PenguinLover67_31
• Track 93 : Quesadilla_30
• Track 94 : BayC_22, Salete_22, Maih_22, BabyGotBac_22, TP1604_22
• Track 95 : Xkcd426_28
• Track 96 : Asis_22
• Track 97 : Abt2graduatex2_23
• Track 98 : Mischief19_31
• Track 99 : YDN12_24
• Track 100 : RainyPolka_23
• Track 101 : Purplicious_57, Grumio_58
• Track 102 : Soos_54, Sting_57, ColdSoup_59, Amo99_59, Stillion_58, Jollymon_58
• Track 103 : DonTron_58
• Track 104 : Clawz_58, Makar_59
• Track 105 : KingstonB_59
• Track 106 : BiggityBass_26
• Track 107 : AksarBAT_26
• Track 108 : Blackpen_28
• Track 109 : NHagos_26
• Track 110 : CloverMinnie_28
• Track 111 : CaiB_28
• Track 112 : CharlottesWeb_26, Mariokart_26
• Track 113 : Wooper_28, Yeshua_28
• Track 114 : AnClar_27, Yago84_26, Sisko_26
• Track 115 : Fresco_26, Axumite_26, Shatter_26, Ligma_26
• Track 116 : TraderJ_28
• Track 117 : MakoManhole_28
• Track 118 : LittleMunchkin_28
• Track 119 : BobRoss2024_25
• Track 120 : Coldpizza_29
• Track 121 : MossRose_28, FelixTres_28
• Track 122 : AnarQue_28
• Track 123 : Evaa_27
• Track 124 : Sour_30
• Track 125 : CrazyRich_38, PhedwardCullen_37, Lucretia_39, BeagleBug_38, Rockwell_38, Crisis_40, PiperSansNom_39, PierreOrion_39, Ganandorf_38, Hermeonysus_38, BrazzalePHS_38, Scumberland_40
• Track 126 : Jollipop_39, Ramiel05_38, Phrancesco_39, Cranjis_40, Paschalis_38, Kowalski_38
• Track 127 : Busephilis_38, LittleFortune_40
• Track 128 : Honeyfin_40, Jefe_39, Selwyn23_40, Yeti_39, Glorp_40, Piperis_39
• Track 129 : SirFrank_38
• Track 130 : EarickHC_39, KaiHaiDragon_39

• Track 131 : Quhwah_42
• Track 132 : Zapato_38
• Track 133 : RobsFeet_40, Shrubaron_39
• Track 134 : Gina_40, Teamocil_40
• Track 135 : Antares_39, Onika_38, Savannah_38, Shotgun_38
• Track 136 : Fireman_39
• Track 137 : Sunny_, Merry_
• Track 138 : Phorgeous_38
• Track 139 : Nicole72_34
• Track 140 : Jayden_40
• Track 141 : ClearAsMud_41
• Track 142 : NoodlelyBoi_39
• Track 143 : Skugga_37
• Track 144 : Ariadne_47, Smarties_47
• Track 145 : Megan_33
• Track 146 : Metamorphoo_39
• Track 147 : Pulchra_40
• Track 148 : Tyrumbra_37
• Track 149 : Casend_40, Phabia_39, Quammi_37, Wayne3_40, Lonelysoil_38, Rudy_37, Teehee_40, Viceroy_37
• Track 150 : Mashley_37
• Track 151 : SlySloth_41, Gazebo_37, Rowlf_35, EverythinBagel_38, Hyperion_38, StrawberryJamm_41, AluminumJesus_37
• Track 152 : MorillMayhem_38, BaconCheese_42
• Track 153 : Kelcole_37
• Track 154 : Pepe25_37
• Track 155 : Llemily_38, Jehoshaphat_41, Sillytadpoles_39, SallyK_40, Kyva_41, Zhafia_41, Wheelie_38, Namago_39, Grassboy_40, Tissue_39, DonaldDuck_38
• Track 156 : Altheas_40
• Track 157 : Nike_39
• Track 158 : RubyRalph_41
• Track 159 : Mila11_41
• Track 160 : Zagie_38
• Track 161 : Wilca_38, BirdInFrench_38
• Track 162 : Judebell_41
• Track 163 : OneinaGillian_38, RobinRose_40
• Track 164 : Fransoyer_41, SadLad_43
• Track 165 : Phinky_45
• Track 166 : Fizzles_39
• Track 167 : BabyDotz_38
• Track 168 : WheelerS25_44
• Track 169 : Tempo_38, Romm_40
• Track 170 : Statler_40, Mentos_43
• Track 171 : Fregley_39
• Track 172 : Squash_41
• Track 173 : Marcie_43
• Track 174 : CandC_37
• Track 175 : Blab_37
• Track 176 : FrankDeliGuy_36
• Track 177 : KillerQueen_39
• Track 178 : Kozie_35
• Track 179 : Margaery_34
• Track 180 : Terij_35

• Track 181 : Matzah_35
• Track 182 : Cressida_36
• Track 183 : MementoMori_35
• Track 184 : Cinna_34
• Track 185 : RomansRevenge_29, Boise_28
• Track 186 : Hendrix_73
• Track 187 : Leaf_79, Dewdrop_79
• Track 188 : Rasputia_74
• Track 189 : FuzzBuster_43
• Track 190 : MisoSoup_31
• Track 191 : GodPhather_24, Jeon_23
• Track 192 : Argie_24, Taptic_23
• Track 193 : PR_23, D12_23
• Track 194 : Megabear_23
• Track 195 : Cepens_23
• Track 196 : Pine5_29
• Track 197 : TPA2_35
• Track 198 : TurkishDelight_30
• Track 199 : Kithara_38
• Track 200 : Sunfish_46
• Track 201 : Tonitrus_45

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

The start number called the most often in the published annotations is 64, it was called in 272 of the 601 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_30, AbsoluteMadLad_29, Adriana_30, Aelin_29, Aleia_30, AltPhacts_30, Altwerkus_29, Anderson_30, Andre_30, AngelCake_30, Antonia_29, Aonishiki_30, Apizium_29, Ashraf_29, Badfish_30, Banjo_29, Basato_31, BatteryCK_29, Beaglebox_29, Bishoperium_29, BlackStallion_30, BlacksBerry_29, BlueHusk_30, Bluephacebaby_29, Boehler_30, BoogieWoogie_29, Brilliant_30, Buckeye_30, Burr_29, CamL_30, CampRoach_30, Cannibal_30, Carthage_28, Caspiboi_29, Chaelin_30, Charles1_30, CharlieGBrown_29, CheetO_30, Cher_29, Childish_29, Chipette_31, Chorkpop_30, Chuni_29, Chunky_30, Chute_29, Cobra_30, Coletti_30, Cornbread_29, Cornobble_29, Cosmolli16_29, Craff_30, Crownjwl_30, DaddyDaniels_30, Daffy_30, Daka_30, Dati_30, DelRivs_29, Derpp_29, Dice_29, Dingo_30, Dione_29, DirtJuice_30, Doddsville_30, DoesntMatter_30, DolOn_31, DonSanchon_29, DuchessDung_28, Duggie_29, Durga_30, ElvisPhasley_30, Emiris_30, EmpTee_30, Eremos_30, Etaye_30, Eugenia_30, Flake_31, FluffyNinja_30, Fozzie_29, Frankicide_30, FremontTroll_30, Freya_29, FriarPreacher_30, Fringe_30, FugateOSU_29, Gareth_29, GeneCoco_30, Giraffe_30, Gophee_30, Grand2040_29, GreenChile_30, Gwennie1_30, Gwilliam_30, Gyarad_0030, HSavage_30, Haimas_30, Haleema_29, Hamish_30, Happabalu_30, Hartsy_30, Harvey_30, Hekos_27, Held_30, HenryJackson_29, Hertubise_30, Hetaeria_30, HighStump_29, Hocus_29, HogWash_29, Horchata_30, ImtiyazSitla_29, Inchworm_30, Inverness_30, Iridessa_30, Iridoclysis_30, IsaacEli_30, JDog_29, JacAttac_30, JakeO_29, JangoPhett_30, Jesabah_30, Jillium_29, Jiminy_29, Jiraiya_29, KLucky39_30, Kahve_29, Kailash_30, Karn_29,

Katniss_30, Keitherie_30, Khan1_30, Kikipoo_30, Kimbrough_30, KingTut_21, KlimbOn_30, Kloppinator_30, Kwadwo_29, Kwksand96_29, Labeouficaum_29, Larson_31, LasagnaCat_30, Lasso_30, LeeLot_30, Lego3393_30, Legolas_29, Lehmann_30, LeiMonet_30, LemonSlice_30, Longacauda_29, Lopsy_29, LostAndPhound_29, LuckyMarjie_29, Lulumae_29, Lulwa_30, Lumine_29, MRabcd_29, Mag7_29, Magic8_30, Mana_29, Manad_29, Maru_29, Maskar_29, Matalotodo_30, Mcshane_29, Mecca_29, Megamind20_30, Megatron_30, Melc17_30, MelsMeow_29, Mesh1_30, Mesmerelda_29, MichaelPhcott_29, Mikota_30, MiniBoss_30, MitKao_30, Morgushi_30, Morty_30, Mosaic_29, MrPhizzler_30, Mulan_29, Murdoc_30, Mutante_29, Nacho_0030, Nathan_30, Newman_30, Nicole21_30, Numberten_30, Nyala_29, OSmaximus_30, Olak_29, Oline_29, Olive_30, Omniscient_30, OneBrain_30, Oosterbaan_30, Orfeu_29, Orion_30, Orwigg_29, PG1_30, Pacifista_29, PallasAthena_30, Phamished_30, Phareon_30, PhatCats2014_30, PhatLouie_30, PhenghisKhan_29, Pherdinand_30, Phergie_29, Phipps_30, Phleuron_29, PhrankReynolds_29, PhrodoBaggins_29, Phunky_30, Piglet_0029, PinheadLarry_30, Pinkman_29, Pipsqueak_30, Placalicious_29, Plata_30, Plmatters_30, Podrick_30, Pops_30, Potter_29, Prickles_30, ProfessorX_30, Puhltonio_30, QueenBeane_30, Quisquiliae_30, RedMaple_29, RedRaider89_30, Ricotta_29, Riggan_30, Rimu_30, Riverton_29, Robyn_29, Roliet_30, Roscoe_31, Roy17_30, SDcharge11_30, SallyH_30, Samaymay_30, SassyCat97_29, Schadenfreude_29, Schueller_29, Scoot17C_30, Scrick_30, Selr12_30, Serendipity_30, Serpentine_0030, ShadowBud_30, Sheila_30, ShiVal_30, Sigman_30, SilverBell_30, Simielle_29, SirBeauregard_30, Skippy_30, Slatt_30, Soile_30, Solosis_29, Sophia_29, Soto_30, Spartan300_30, Squid_30, Squiggle_30, Struggle_29, Suffolk_30, Surely_30, Swiphy_30, Swish_30, Telesworld_29, Thora_30, ThreeOh3D2_30, Thunderbird_29, Timmi_29, TomBombadil_30, Tomlarah_30, Toni_29, TooFast2Furius_31, Tooj_30, Triad_30, True_29, Trypo_30, TyrionL_29, UAch1_30, UncleHowie_30, Usavi_30, Vaishali24_29, Valjean_30, Vaticameos_30, Veritas_29, Virapocalypse_30, Virgeve_29, Vista_30, Vivaldi_30, Vortex_30, Wallhey_29, Waterdiva_30, Weher20_30, Windsor_29, Xavier_29, YouGoGlencoco_30, Zelda_30, Zonia_30,

Genes that have the "Most Annotated" start but do not call it:
• Chah_31, Colbert_30, Fang_30, FleetyMac_29, KingVeVeVe_30, OliverWalter_30, TallGrassMM_30, Yoshand_30, Zaider_31,

Genes that do not have the "Most Annotated" start:
• 39HC_025, 40BC_025, AWGoat_31, Abinghost_30, Abt2graduatex2_23, Acadian_29, Ahwei_26, Akoma_30, AksarBAT_26, AlanGrant_28, Allegro_31, Altheas_40, AluminumJesus_37, Amo99_59, AnClar_27, AnarQue_28, Antares_39, Antihero_26, Apex_27, Arbiter_31, Ares_31, Argie_24, Ariadne_47, Asis_22, Athena_31, Audrey_30, Austelle_28, Axumite_26, BabyDotz_38, BabyGotBac_22, BaconCheese_42, Baee_28, Baloo_30, Bananafish_31, BayC_22, BeagleBug_38, Beagle_39, Ben11_29, Bernardo_30, BetaFish_38, BiggityBass_26, BirdInFrench_38, BirdsNest_32, Blab_37, Blackpen_28, Blocker23_31, BobRoss2024_25, BobbyK_27, Boise_28, Boyle_31, BrazzalePHS_38, Briakila_30, BrownCNA_28, Brownie5_31, BruhMoment_33, Busephilis_38, CRB2_32, CaiB_28, Calamitous_31, CandC_37, Casbah_29, Casend_40, Causa_35, Cepens_23, ChaChing_30, Chalmers_30, Chandler_30, CharlottesWeb_26, Chentzyk_29, ChrisnMich_26, Cinna_34, Clawz_58, ClearAsMud_41, CloverMinnie_28, Coffee_31, ColdSoup_59, Coldpizza_29, Compostia_31, Cooper_27, Corofin_30, Cranjis_40, CrazyRich_38, Cressida_36, Crisis_40, D12_23, Daisy_30, Deenasa_30, Devonte_30, Dewdrop_79, DigitDog_29, DogYard_38, DonTron_58, DonaldDuck_38,

Donny_29, Dori_26, Eaglehorse_31, EarickHC_39, EastView9101_28, Epah_26, Evaa_27, EverythinBagel_38, Fanaw_26, Faze9_31, FelixTres_28, Fireman_39, Fizzles_39, ForDig_25, Forrestell_35, Fortunato_27, FrankDeliGuy_36, Fransoyer_41, Frederick_27, Fregley_39, FrenchFry_31, Fresco_26, Funsized_33, FuzzBuster_43, Gadjet_31, Ganandorf_38, Gazebo_37, Gervas_30, GinPorsche_26, Gina_40, Glass_31, GlenHope_31, Glorp_40, Glubnar_31, GodPhather_24, Godines_31, Grassboy_40, Grumio_58, Halfpint_29, Hally898_26, Hangman_27, HarveySr_30, Hashim76_33, Heath_26, Heathcliff_30, Hedgerow_31, Hendrix_73, Hermeonysus_38, Hive_38, Holeinone_31, Honeyfin_40, Hosp_023, Hydro_27, Hyperion_38, Imvubu_23, Indlovu_27, ItsyBitsy1_31, JAMaL_27, Jackstina_27, JaguarMi_27, Jayden_40, Jefe_39, Jehoshaphat_41, Jeon_23, Jolie1_025, Jollipop_39, Jollymon_58, JoyceMaria_27, Judebell_41, KaiHaiDragon_39, Kaleb_31, Kamiyu_30, KarasumaRum_31, KayaCho_25, Kelcole_37, Kheth_31, KillerQueen_39, KingstonB_59, Kithara_38, Knocker_31, Kolhan_31, Kowalski_38, Kozie_35, Kronus_29, Kubulix_39, Kyva_41, Lambano_26, Lars_31, Laurie_31, Leaf_79, Lephleur_31, LestyG_30, Ligma_26, LilMcDreamy_26, LilSmirk_31, LittleDigger_26, LittleFortune_40, LittleMinkey_34, LittleMunchkin_28, LizLemon_31, Llemily_38, Lolalove_27, Lonelysoil_38, Lucretia_39, Magpie_26, Maih_22, Makar_59, MakoManhole_28, Mao1_25, Marcie_43, Margaery_34, Mariokart_26, Marley1013_30, Marlia_30, Mashley_37, Mask_26, MasterPo_31, Matzah_35, Megabear_23, Megan_33, MellowYellow_35, MementoMori_35, Mentos_43, Merry_, Metamorphoo_39, Mila11_41, Mischief19_31, MisoSoup_31, Mithril_27, MmasiCarm_30, MorillMayhem_38, Mortcellus_29, Morty007_30, MossRose_28, Mudslide_27, Mulaychimus_30, Mysterious_29, NHagos_26, Namago_39, Nanao_26, Nangang_29, Nehemiah_28, Neos5_30, Nicole72_34, Nigel_25, Nikan_33, Nike_39, NoodlelyBoi_39, Nozo_30, NyleyClemson_34, Obutu_30, Odyssey395_40, Olivio_29, Ollypop_36, OneinaGillian_38, Onika_38, Opia_31, OrangeOswald_30, PR_23, Paschalis_38, PenguinLover67_31, Pepe25_37, Phabia_39, Phaedrus_28, Phantasmagoria_31, Phayeta_30, PhedwardCullen_37, Phelemich_29, Philly_29, Phinky_45, Phlyer_30, Phorgeous_38, Phrancesco_39, PhuzzTulsa_36, PierreOrion_39, Pine5_29, Pipefish_31, PiperSansNom_39, Piperis_39, Pointis_38, Popstraw_36, Poster_26, PrinceCharming_31, Prince_27, Pulchra_40, Pureglobe5_40, Purplicious_57, Quammi_37, QueenPie_26, Quesadilla_30, Quhwah_42, Qyrzula_29, RIPWilbur_36, RagingRooster_30, RainyPolka_23, Ramiel05_38, Ranunculus_32, Rasputia_74, RawrgerThat_27, RazzB_34, Reccee_30, Ren19_31, Renkei_26, Reprobate_29, Rhinoforte_31, Rich_28, Rinkes_32, Rita130_29, Rita1961_30, Rizwana_31, RobinRose_40, RobsFeet_40, Rockwell_38, RomaT_30, RomansRevenge_29, Romm_40, Rosebush_31, Rowlf_35, RubyRalph_41, Rudy_37, Sabella_31, SadLad_43, Saguaro_30, Salete_22, SallyK_40, Savannah_38, Scumberland_40, Sejanus_26, Selwyn23_40, Serendipitous_28, Shatter_26, Shenandoah_30, Shenyu_29, Shotgun_38, Shrubaron_39, SilentRX_33, Sillytadpoles_39, SirFrank_38, SirJeffery_29, Sisko_26, Skugga_37, SlippinJimmy_30, SlySloth_41, Smarties_47, Soos_54, Sour_30, Squash_41, StAugustine_33, Statler_40, Stillion_58, Sting_57, Stinger_25, StinkyVeggy_31, StrawberryJamm_41, Suigeneris_29, Sunfish_46, Sunny_, SwainyDoc_30, SynergyX_30, TA17A_32, TP1604_22, TPA2_35, Tank_33, Taptic_23, Teamocil_40, Teehee_40, Tempo_38, Terij_35, Thonko_28, Tinciduntsolum_32, TinyTerror_30, Tissue_39, Tonitrus_45, TraderJ_28, Tres_31, TurkishDelight_30, Tydolla_30, Tyrumbra_37, Vic9_00031, Viceroy_37, Vincenzo_28, VioletZ_27, Waleliano_27, Wayne3_40, West99_31, WheelerS25_44, Wheelie_38, Wilca_38, Wilde_33, Wooper_28, Xincheng_26, Xkcd426_28, YDN12_24, Yago84_26, Yahalom_30, Yeshua_28, Yeti_39, Yinz_30, Zagie_38, Zapato_38, Zemanar_28, Zenteno07_33, Zhafia_41,

Summary by start number:

Start 43:
• Found in 101 of 708 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 1.0% of time when present
• Phage (with cluster) where this start called: Bernardo_30 (B3),

Start 44:
• Found in 3 of 708 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Megan_33 (EC),

Start 45:
• Found in 28 of 708 (4.0%) of genes in pham
• Manual Annotations of this start: 5 of 601
• Called 17.9% of time when present
• Phage (with cluster) where this start called: Hendrix_73 (GC), Matzah_35 (EI), MementoMori_35 (EI), Merry_ (EC), Sunny_ (EC),

Start 46:
• Found in 108 of 708 (15.3%) of genes in pham
• Manual Annotations of this start: 91 of 601
• Called 97.2% of time when present
• Phage (with cluster) where this start called: Altheas_40 (EG), AluminumJesus_37 (EG), Antares_39 (EC), BabyDotz_38 (EG), BaconCheese_42 (EG), BeagleBug_38 (EC), BirdInFrench_38 (EG), Blab_37 (EG), BrazzalePHS_38 (EC), Busephilis_38 (EC), CandC_37 (EG), Casend_40 (EG), Cinna_34 (EI), ClearAsMud_41 (EC), Cranjis_40 (EC), CrazyRich_38 (EC), Cressida_36 (EI), Crisis_40 (EC), Dewdrop_79 (GC), DonaldDuck_38 (EG), EarickHC_39 (EC), EverythinBagel_38 (EG), Fizzles_39 (EG), FrankDeliGuy_36 (EG), Fransoyer_41 (EG), Fregley_39 (EG), FuzzBuster_43 (GM), Ganandorf_38 (EC), Gazebo_37 (EG), Glorp_40 (EC), Grassboy_40 (EG), Hermeonysus_38 (EC), Honeyfin_40 (EC), Hyperion_38 (EG), Jefe_39 (EC), Jehoshaphat_41 (EG), Jollipop_39 (EC), Judebell_41 (EG), KaiHaiDragon_39 (EC), Kelcole_37 (EG), KillerQueen_39 (EG), Kowalski_38 (EC), Kyva_41 (EG), Leaf_79 (GC), LittleFortune_40 (EC), Llemily_38 (EG), Lonelysoil_38 (EG), Lucretia_39 (EC), Marcie_43 (EG), Margaery_34 (EI), Mashley_37 (EG), Mentos_43 (EG), Mila11_41 (EG), MisoSoup_31 (GM), MorillMayhem_38 (EG), Namago_39 (EG), Nike_39 (EG), NoodlelyBoi_39 (EC), OneinaGillian_38 (EG), Onika_38 (EC), Paschalis_38 (EC), Pepe25_37 (EG), Phabia_39 (EG), PhedwardCullen_37 (EC), Phinky_45 (EG), Phorgeous_38 (EC), Phrancesco_39 (EC), PierreOrion_39 (EC), PiperSansNom_39 (EC), Piperis_39 (EC), Pulchra_40 (EC), Quammi_37 (EG), Quhwah_42 (EC), Ramiel05_38 (EC), Rasputia_74 (GC), RobinRose_40 (EG), Rockwell_38 (EC), Romm_40 (EG), Rowlf_35 (EG), RubyRalph_41 (EG), Rudy_37 (EG), SadLad_43 (EG), SallyK_40 (EG), Savannah_38 (EC), Scumberland_40 (EC), Selwyn23_40 (EC), Shotgun_38 (EC), Sillytadpoles_39 (EG), SirFrank_38 (EC), SlySloth_41 (EG), Squash_41 (EG), Statler_40 (EG), StrawberryJamm_41 (EG), Teehee_40 (EG), Tempo_38 (EG), Terij_35 (EI), Tissue_39 (EG), Viceroy_37 (EG), Wayne3_40 (EG), WheelerS25_44 (EG), Wheelie_38 (EG), Wilca_38 (EG), Yeti_39 (EC), Zagie_38 (EG), Zhafia_41 (EG),

Start 48:
• Found in 1 of 708 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Funsized_33 (B9),

Start 52:
• Found in 37 of 708 (5.2%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 2.7% of time when present
• Phage (with cluster) where this start called: Kithara_38 (singleton),

Start 53:
• Found in 15 of 708 (2.1%) of genes in pham
• Manual Annotations of this start: 12 of 601
• Called 93.3% of time when present
• Phage (with cluster) where this start called: Ariadne_47 (EC), Fireman_39 (EC), Gina_40 (EC), Jayden_40 (EC), Kozie_35 (EI), Metamorphoo_39 (EC), Nicole72_34 (EC), RobsFeet_40 (EC), Shrubaron_39 (EC), Skugga_37 (EC), Smarties_47 (EC), Teamocil_40 (EC), Tyrumbra_37 (EC), Zapato_38 (EC),

Start 59:
• Found in 1 of 708 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ranunculus_32 (AP),

Start 60:
• Found in 27 of 708 (3.8%) of genes in pham
• Manual Annotations of this start: 18 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AWGoat_31 (AP4), Beagle_39 (AP2), BetaFish_38 (AP2), Boise_28 (FT), BruhMoment_33 (AP3), DogYard_38 (AP2), Forrestell_35 (AP2), Hive_38 (AP2), Kubulix_39 (AP2), LilMcDreamy_26 (B12), MellowYellow_35 (AP2), Nikan_33 (AP2), NyleyClemson_34 (AP2), Odyssey395_40 (AP2), Ollypop_36 (AP2), PhuzzTulsa_36 (AP2), Pointis_38 (AP2), Popstraw_36 (AP2), Pureglobe5_40 (AP2), RIPWilbur_36 (AP2), RazzB_34 (AP2), Ren19_31 (AP2), Rizwana_31 (AP1), RomansRevenge_29 (FT), SilentRX_33 (AP4), Tank_33 (AP1), Wilde_33 (AP1),

Start 61:
• Found in 1 of 708 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sunfish_46 (singleton),

Start 64:
• Found in 312 of 708 (44.1%) of genes in pham
• Manual Annotations of this start: 272 of 601
• Called 97.1% of time when present
• Phage (with cluster) where this start called: ABU_30 (B1), AbsoluteMadLad_29 (B1), Adriana_30 (B1), Aelin_29 (B1), Aleia_30 (B1), AltPhacts_30 (B1), Altwerkus_29 (B1), Anderson_30 (B1), Andre_30 (B1), AngelCake_30 (B1), Antonia_29 (B1),

Aonishiki_30 (B1), Apizium_29 (B1), Ashraf_29 (B1), Badfish_30 (B1), Banjo_29 (B1), Basato_31 (B1), BatteryCK_29 (B1), Beaglebox_29 (B1), Bishoperium_29 (B1), BlackStallion_30 (B1), BlacksBerry_29 (B1), BlueHusk_30 (B1), Bluephacebaby_29 (B1), Boehler_30 (B1), BoogieWoogie_29 (B1), Brilliant_30 (B1), Buckeye_30 (B1), Burr_29 (B1), CamL_30 (B1), CampRoach_30 (B1), Cannibal_30 (B1), Carthage_28 (B1), Caspiboi_29 (B1), Chaelin_30 (B1), Charles1_30 (B1), CharlieGBrown_29 (B1), CheetO_30 (B1), Cher_29 (B1), Childish_29 (B1), Chipette_31 (B1), Chorkpop_30 (B1), Chuni_29 (B1), Chunky_30 (B1), Chute_29 (B1), Cobra_30 (B1), Coletti_30 (B1), Cornbread_29 (B1), Cornobble_29 (B1), Cosmolli16_29 (B1), Craff_30 (B1), Crownjwl_30 (B1), DaddyDaniels_30 (B1), Daffy_30 (B1), Daka_30 (B1), Dati_30 (B1), DelRivs_29 (B1), Derpp_29 (B1), Dice_29 (B1), Dingo_30 (B1), Dione_29 (B1), DirtJuice_30 (B1), Doddsville_30 (B1), DoesntMatter_30 (B1), DolOn_31 (B1), DonSanchon_29 (B1), DuchessDung_28 (B1), Duggie_29 (B1), Durga_30 (B1), ElvisPhasley_30 (B1), Emiris_30 (B1), EmpTee_30 (B1), Eremos_30 (B1), Etaye_30 (B1), Eugenia_30 (B1), Flake_31 (B1), FluffyNinja_30 (B1), Fozzie_29 (B1), Frankicide_30 (B1), FremontTroll_30 (B1), Freya_29 (B1), FriarPreacher_30 (B1), Fringe_30 (B1), FugateOSU_29 (B1), Gareth_29 (B1), GeneCoco_30 (B1), Giraffe_30 (B1), Gophee_30 (B1), Grand2040_29 (B1), GreenChile_30 (B1), Gwennie1_30 (B1), Gwilliam_30 (B1), Gyarad_0030 (B1), HSavage_30 (B1), Haimas_30 (B1), Haleema_29 (B1), Hamish_30 (B1), Happabalu_30 (B1), Hartsy_30 (B1), Harvey_30 (B1), Hekos_27 (B1), Held_30 (B1), HenryJackson_29 (B1), Hertubise_30 (B1), Hetaeria_30 (B1), HighStump_29 (B1), Hocus_29 (B1), HogWash_29 (B1), Horchata_30 (B1), ImtiyazSitla_29 (B1), Inchworm_30 (B1), Inverness_30 (B1), Iridessa_30 (B1), Iridoclysis_30 (B1), IsaacEli_30 (B1), JDog_29 (B1), JacAttac_30 (B1), JakeO_29 (B1), JangoPhett_30 (B1), Jesabah_30 (B1), Jillium_29 (B1), Jiminy_29 (B1), Jiraiya_29 (B1), KLucky39_30 (B1), Kahve_29 (B1), Kailash_30 (B1), Karn_29 (B1), Katniss_30 (B1), Keitherie_30 (B1), Khan1_30 (B1), Kikipoo_30 (B1), Kimbrough_30 (B1), KingTut_21 (B1), KlimbOn_30 (B1), Kloppinator_30 (B1), Kwadwo_29 (B1), Kwksand96_29 (B1), Labeouficaum_29 (B1), Larson_31 (B1), LasagnaCat_30 (B1), Lasso_30 (B1), LeeLot_30 (B1), Lego3393_30 (B1), Legolas_29 (B1), Lehmann_30 (B1), LeiMonet_30 (B1), LemonSlice_30 (B1), Longacauda_29 (B1), Lopsy_29 (B1), LostAndPhound_29 (B1), LuckyMarjie_29 (B1), Lulumae_29 (B1), Lulwa_30 (B1), Lumine_29 (B1), MRabcd_29 (B1), Mag7_29 (B1), Magic8_30 (B1), Mana_29 (B1), Manad_29 (B1), Maru_29 (B1), Maskar_29 (B1), Matalotodo_30 (B1), Mcshane_29 (B1), Mecca_29 (B1), Megamind20_30 (B1), Megatron_30 (B1), Melc17_30 (B1), MelsMeow_29 (B1), Mesh1_30 (B1), Mesmerelda_29 (B1), MichaelPhcott_29 (B1), Mikota_30 (B1), MiniBoss_30 (B1), MitKao_30 (B1), Morgushi_30 (B1), Morty_30 (B1), Mosaic_29 (B1), MrPhizzler_30 (B1), Mulan_29 (B1), Murdoc_30 (B1), Mutante_29 (B1), Nacho_0030 (B1), Nathan_30 (B1), Newman_30 (B1), Nicole21_30 (B1), Numberten_30 (B1), Nyala_29 (B1), OSmaximus_30 (B1), Olak_29 (B1), Oline_29 (B1), Olive_30 (B1), Omniscient_30 (B1), OneBrain_30 (B1), Oosterbaan_30 (B1), Orfeu_29 (B1), Orion_30 (B1), Orwigg_29 (B1), PG1_30 (B1), Pacifista_29 (B1), PallasAthena_30 (B1), Phamished_30 (B1), Phareon_30 (B1), PhatCats2014_30 (B1), PhatLouie_30 (B1), PhenghisKhan_29 (B1), Pherdinand_30 (B1), Phergie_29 (B1), Phipps_30 (B1), Phleuron_29 (B1), PhrankReynolds_29 (B1), PhrodoBaggins_29 (B1), Phunky_30 (B1), Piglet_0029 (B1), PinheadLarry_30 (B1), Pinkman_29 (B1), Pipsqueak_30 (B1), Placalicious_29 (B1), Plata_30 (B1), Plmatters_30 (B1), Podrick_30 (B1), Pops_30 (B1), Potter_29 (B1), Prickles_30 (B1), ProfessorX_30 (B1), Puhltonio_30 (B1), QueenBeane_30 (B1), Quisquiliae_30 (B1), RedMaple_29 (B1), RedRaider89_30 (B1), Ricotta_29 (B1), Riggan_30 (B1), Rimu_30 (B1), Riverton_29 (B1), Robyn_29 (B1), Roliet_30 (B1), Roscoe_31 (B1), Roy17_30 (B1), SDcharge11_30 (B1), SallyH_30 (B1), Samaymay_30 (B1), SassyCat97_29 (B1), Schadenfreude_29 (B1),

Schueller_29 (B1), Scoot17C_30 (B1), Scrick_30 (B1), Selr12_30 (B1), Serendipity_30 (B1), Serpentine_0030 (B1), ShadowBud_30 (B1), Sheila_30 (B1), ShiVal_30 (B1), Sigman_30 (B1), SilverBell_30 (B1), Simielle_29 (B1), SirBeauregard_30 (B1), Skippy_30 (B1), Slatt_30 (B1), Soile_30 (B1), Solosis_29 (B1), Sophia_29 (B1), Soto_30 (B1), Spartan300_30 (B1), Squid_30 (B1), Squiggle_30 (B1), Struggle_29 (B1), Suffolk_30 (B1), Surely_30 (B1), Swiphy_30 (B1), Swish_30 (B1), Telesworld_29 (B1), Thora_30 (B1), ThreeOh3D2_30 (B1), Thunderbird_29 (B1), Timmi_29 (B1), TomBombadil_30 (B1), Tomlarah_30 (B1), Toni_29 (B1), TooFast2Furius_31 (B1), Tooj_30 (B1), Triad_30 (B1), True_29 (B1), Trypo_30 (B1), TyrionL_29 (B1), UAch1_30 (B1), UncleHowie_30 (B1), Usavi_30 (B1), Vaishali24_29 (B1), Valjean_30 (B1), Vaticameos_30 (B1), Veritas_29 (B1), Virapocalypse_30 (B1), Virgeve_29 (B1), Vista_30 (B1), Vivaldi_30 (B1), Vortex_30 (B1), Wallhey_29 (B1), Waterdiva_30 (B1), Weher20_30 (B1), Windsor_29 (B1), Xavier_29 (B1), YouGoGlencoco_30 (B1), Zelda_30 (B1), Zonia_30 (B1),

Start 70:
• Found in 317 of 708 (44.8%) of genes in pham
• Manual Annotations of this start: 8 of 601
• Called 2.8% of time when present
• Phage (with cluster) where this start called: Chah_31 (B1), Colbert_30 (B1), Fang_30 (B1), FleetyMac_29 (B1), KingVeVeVe_30 (B1), OliverWalter_30 (B1), TallGrassMM_30 (B1), Yoshand_30 (B1), Zaider_31 (B1),

Start 71:
• Found in 6 of 708 (0.8%) of genes in pham
• Manual Annotations of this start: 2 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 39HC_025 (B6), 40BC_025 (B6), ForDig_25 (B6), Hosp_023 (B6), Jolie1_025 (B6), KayaCho_25 (B6),

Start 72:
• Found in 19 of 708 (2.7%) of genes in pham
• Manual Annotations of this start: 10 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Acadian_29 (B5), Baee_28 (B5), DigitDog_29 (B5), Donny_29 (B5), EastView9101_28 (B5), KarasumaRum_31 (B5), Mysterious_29 (B5), Nangang_29 (B5), Nehemiah_28 (B5), Phelemich_29 (B5), Reccee_30 (B5), Reprobate_29 (B5), Rich_28 (B5), Rita130_29 (B5), Serendipitous_28 (B5), Shenyu_29 (B5), SirJeffery_29 (B5), StinkyVeggy_31 (B5), Suigeneris_29 (B5),

Start 74:
• Found in 65 of 708 (9.2%) of genes in pham
• Manual Annotations of this start: 54 of 601
• Called 92.3% of time when present
• Phage (with cluster) where this start called: Abinghost_30 (B3), Akoma_30 (B3), Athena_31 (B3), Audrey_30 (B3), Baloo_30 (B3), Ben11_29 (B3), Briakila_30 (B3), Casbah_29 (B3), ChaChing_30 (B3), Chalmers_30 (B3), Chandler_30 (B3), Chentzyk_29 (B3), Compostia_31 (B3), Corofin_30 (B3), Daisy_30 (B3), Deenasa_30 (B3), Devonte_30 (B3), Dori_26 (AD), Gadjet_31 (B3), Gervas_30 (B3), GlenHope_31 (B3), Glubnar_31 (B3), Halfpint_29 (B3), HarveySr_30 (B3), Heathcliff_30 (B3), Jackstina_27 (B3), Kamiyu_30 (B3), Kronus_29 (B3), LestyG_30 (B3), Mao1_25 (AD), Marley1013_30 (B3), Marlia_30 (B3), Mask_26 (AD), MmasiCarm_30 (B3),

Mortcellus_29 (B3), Morty007_30 (B3), Mulaychimus_30 (B3), Neos5_30 (B3), Nozo_30 (B3), Obutu_30 (B3), Olivio_29 (B3), OrangeOswald_30 (B3), Phaedrus_28 (B3), Phayeta_30 (B3), Philly_29 (B3), Phlyer_30 (B3), Pipefish_31 (B3), RagingRooster_30 (B3), Rita1961_30 (B3), RomaT_30 (B3), Sejanus_26 (AD), Shenandoah_30 (B3), SlippinJimmy_30 (B3), Sour_30 (DR), SwainyDoc_30 (B3), SynergyX_30 (B3), TinyTerror_30 (B3), Tydolla_30 (B3), Yahalom_30 (B3), Yinz_30 (B3),

Start 76:
• Found in 12 of 708 (1.7%) of genes in pham
• Manual Annotations of this start: 10 of 601
• Called 91.7% of time when present
• Phage (with cluster) where this start called: Axumite_26 (DR), CRB2_32 (B9), Causa_35 (AI), CharlottesWeb_26 (DR), Fresco_26 (DR), Ligma_26 (DR), Mariokart_26 (DR), PenguinLover67_31 (B9), Saguaro_30 (B7), Shatter_26 (DR), StAugustine_33 (AI),

Start 77:
• Found in 12 of 708 (1.7%) of genes in pham
• Manual Annotations of this start: 5 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amo99_59 (CP), Clawz_58 (CP), ColdSoup_59 (CP), DonTron_58 (CP), Grumio_58 (CP), Jollymon_58 (CP), KingstonB_59 (CP), Makar_59 (CP), Purplicious_57 (CP), Soos_54 (CP), Stillion_58 (CP), Sting_57 (CP),

Start 78:
• Found in 72 of 708 (10.2%) of genes in pham
• Manual Annotations of this start: 61 of 601
• Called 93.1% of time when present
• Phage (with cluster) where this start called: AksarBAT_26 (DR), Allegro_31 (B2), AnClar_27 (DR), AnarQue_28 (DR), Arbiter_31 (B2), Ares_31 (B2), Argie_24 (W), Bananafish_31 (B2), BiggityBass_26 (DR), Blackpen_28 (DR), Blocker23_31 (B2), BobRoss2024_25 (DR), Boyle_31 (B2), Brownie5_31 (B2), CaiB_28 (DR), Calamitous_31 (B2), Cepens_23 (W), CloverMinnie_28 (DR), Coffee_31 (B2), Coldpizza_29 (DR), D12_23 (W), Eaglehorse_31 (B2), Evaa_27 (DR), Faze9_31 (B2), FelixTres_28 (DR), FrenchFry_31 (B2), Glass_31 (B2), GodPhather_24 (W), Godines_31 (B2), Hedgerow_31 (B2), Holeinone_31 (B2), ItsyBitsy1_31 (B2), Jeon_23 (W), Kaleb_31 (B2), Kheth_31 (B2), Kolhan_31 (B2), Lars_31 (B2), Laurie_31 (B2), Lephleur_31 (B2), LilSmirk_31 (B2), LittleMunchkin_28 (DR), LizLemon_31 (B2), MakoManhole_28 (DR), MasterPo_31 (B2), Megabear_23 (W), MossRose_28 (DR), NHagos_26 (DR), Opia_31 (B2), PR_23 (W), Phantasmagoria_31 (B2), PrinceCharming_31 (B2), Qyrzula_29 (B2), Rhinoforte_31 (B2), Rosebush_31 (B2), Sabella_31 (B2), Sisko_26 (DR), TA17A_32 (B2), Taptic_23 (W), Thonko_28 (B8), Tinciduntsolum_32 (B2), TraderJ_28 (DR), Tres_31 (B2), Vic9_00031 (B2), West99_31 (B2), Wooper_28 (DR), Yago84_26 (DR), Yeshua_28 (DR),

Start 79:
• Found in 15 of 708 (2.1%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 6.7% of time when present
• Phage (with cluster) where this start called: Tonitrus_45 (singleton),

Start 80:
• Found in 44 of 708 (6.2%) of genes in pham
• Manual Annotations of this start: 30 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ahwei_26 (B4), AlanGrant_28 (B4), Antihero_26 (B4), Apex_27 (B4), Austelle_28 (B4), BobbyK_27 (B4), BrownCNA_28 (B4), ChrisnMich_26 (B4), Cooper_27 (B4), Epah_26 (B4), Fanaw_26 (B4), Fortunato_27 (B4), Frederick_27 (B4), GinPorsche_26 (B4), Hally898_26 (B4), Hangman_27 (B4), Heath_26 (B4), Hydro_27 (B4), Imvubu_23 (B10), Indlovu_27 (B11), JAMaL_27 (B4), JaguarMi_27 (B4), JoyceMaria_27 (B4), Knocker_31 (B9), Lambano_26 (B4), LittleDigger_26 (B4), Lolalove_27 (B4), Magpie_26 (B4), Mithril_27 (B4), Mudslide_27 (B4), Nanao_26 (B4), Nigel_25 (B4), Poster_26 (B4), Prince_27 (B4), QueenPie_26 (B4), RawrgerThat_27 (B4), Renkei_26 (B4), Rinkes_32 (B9), Stinger_25 (B4), Vincenzo_28 (B4), VioletZ_27 (B4), Waleliano_27 (B4), Xincheng_26 (B4), Zemanar_28 (B4),

Start 81:
• Found in 4 of 708 (0.6%) of genes in pham
• Manual Annotations of this start: 3 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdsNest_32 (B13), Hashim76_33 (B13), LittleMinkey_34 (B13), Zenteno07_33 (B13),

Start 82:
• Found in 1 of 708 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Quesadilla_30 (B9),

Start 83:
• Found in 20 of 708 (2.8%) of genes in pham
• No Manual Annotations of this start.
• Called 5.0% of time when present
• Phage (with cluster) where this start called: Pine5_29 (singleton),

Start 84:
• Found in 1 of 708 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 601
• Called 100.0% of time when present
• Phage (with cluster) where this start called: TurkishDelight_30 (singleton),

Start 85:
• Found in 93 of 708 (13.1%) of genes in pham
• Manual Annotations of this start: 10 of 601
• Called 10.8% of time when present
• Phage (with cluster) where this start called: Abt2graduatex2_23 (BG), Asis_22 (BG), BabyGotBac_22 (BG), BayC_22 (BG), Maih_22 (BG), RainyPolka_23 (BG), Salete_22 (BG), TP1604_22 (BG), Xkcd426_28 (BG), YDN12_24 (BG),

Start 87:
• Found in 1 of 708 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 601

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mischief19_31 (BG),

Start 133:
• Found in 1 of 708 (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: TPA2_35 (singleton),

Summary by clusters:

There are 31 clusters represented in this pham: singleton, BG, FT, AP2, AP3, AP1, AP4, B12, B13, B10, B11, DR, EI, AD, AI, EG, EC, AP, GC, W, GM, CP, B4, B5, B6, B7, B1, B2, B3, B8, B9,

Info for manual annotations of cluster AD:
•Start number 74 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:
•Start number 76 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster AP:
•Start number 59 was manually annotated 1 time for cluster AP.

Info for manual annotations of cluster AP1:
•Start number 60 was manually annotated 3 times for cluster AP1.

Info for manual annotations of cluster AP2:
•Start number 60 was manually annotated 10 times for cluster AP2.

Info for manual annotations of cluster AP3:
•Start number 60 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:
•Start number 60 was manually annotated 2 times for cluster AP4.

Info for manual annotations of cluster B1:
•Start number 64 was manually annotated 272 times for cluster B1.
•Start number 70 was manually annotated 8 times for cluster B1.

Info for manual annotations of cluster B10:
•Start number 80 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 80 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 60 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 81 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:

•Start number 78 was manually annotated 37 times for cluster B2.

Info for manual annotations of cluster B3:
•Start number 43 was manually annotated 1 time for cluster B3.
•Start number 74 was manually annotated 49 times for cluster B3.

Info for manual annotations of cluster B4:
•Start number 80 was manually annotated 26 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 72 was manually annotated 10 times for cluster B5.

Info for manual annotations of cluster B6:
•Start number 71 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:
•Start number 76 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:
•Start number 78 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 48 was manually annotated 1 time for cluster B9.
•Start number 76 was manually annotated 2 times for cluster B9.
•Start number 80 was manually annotated 2 times for cluster B9.
•Start number 82 was manually annotated 1 time for cluster B9.

Info for manual annotations of cluster BG:
•Start number 85 was manually annotated 10 times for cluster BG.
•Start number 87 was manually annotated 1 time for cluster BG.

Info for manual annotations of cluster CP:
•Start number 77 was manually annotated 5 times for cluster CP.

Info for manual annotations of cluster DR:
•Start number 74 was manually annotated 1 time for cluster DR.
•Start number 76 was manually annotated 5 times for cluster DR.
•Start number 78 was manually annotated 15 times for cluster DR.

Info for manual annotations of cluster EC:
•Start number 44 was manually annotated 1 time for cluster EC.
•Start number 45 was manually annotated 2 times for cluster EC.
•Start number 46 was manually annotated 33 times for cluster EC.
•Start number 53 was manually annotated 11 times for cluster EC.

Info for manual annotations of cluster EG:
•Start number 46 was manually annotated 50 times for cluster EG.

Info for manual annotations of cluster EI:
•Start number 45 was manually annotated 2 times for cluster EI.
•Start number 46 was manually annotated 4 times for cluster EI.
•Start number 53 was manually annotated 1 time for cluster EI.

Info for manual annotations of cluster FT:
•Start number 60 was manually annotated 1 time for cluster FT.

Info for manual annotations of cluster GC:
•Start number 45 was manually annotated 1 time for cluster GC.
•Start number 46 was manually annotated 3 times for cluster GC.

Info for manual annotations of cluster GM:
•Start number 46 was manually annotated 1 time for cluster GM.

Info for manual annotations of cluster W:
•Start number 78 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_025 Start: 26487, Stop: 27575, Start Num: 71
Candidate Starts for 39HC_025:
(Start: 70 @26484 has 8 MA's), (Start: 71 @26487 has 2 MA's), (Start: 85 @26514 has 10 MA's), (90, 26532), (145, 26709), (159, 26751), (160, 26754), (207, 26895), (221, 26931), (236, 26976), (239, 26988), (250, 27039), (258, 27069), (262, 27084), (272, 27132), (280, 27162), (284, 27168), (305, 27249), (307, 27258), (312, 27291), (324, 27342), (333, 27381), (341, 27399), (361, 27450), (375, 27489), (379, 27498), (395, 27543),

Gene: 40BC_025 Start: 26487, Stop: 27575, Start Num: 71
Candidate Starts for 40BC_025:
(Start: 70 @26484 has 8 MA's), (Start: 71 @26487 has 2 MA's), (Start: 85 @26514 has 10 MA's), (90, 26532), (145, 26709), (159, 26751), (160, 26754), (207, 26895), (221, 26931), (236, 26976), (239, 26988), (250, 27039), (258, 27069), (262, 27084), (272, 27132), (280, 27162), (284, 27168), (305, 27249), (307, 27258), (312, 27291), (324, 27342), (333, 27381), (341, 27399), (361, 27450), (375, 27489), (379, 27498), (395, 27543),

Gene: ABU_30 Start: 27647, Stop: 28759, Start Num: 64
Candidate Starts for ABU_30:
(Start: 64 @27647 has 272 MA's), (Start: 70 @27665 has 8 MA's), (91, 27716), (143, 27884), (169, 27962), (200, 28052), (207, 28076), (221, 28112), (239, 28169), (242, 28184), (243, 28193), (250, 28220), (251, 28223), (258, 28250), (272, 28313), (280, 28343), (284, 28349), (305, 28433), (307, 28442), (321, 28511), (327, 28547), (329, 28553), (333, 28565), (367, 28655), (375, 28673), (379, 28682), (386, 28700), (398, 28733),

Gene: AWGoat_31 Start: 27403, Stop: 28518, Start Num: 60
Candidate Starts for AWGoat_31:
(Start: 60 @27403 has 18 MA's), (90, 27490), (99, 27523), (101, 27532), (115, 27577), (119, 27595), (121, 27604), (128, 27628), (143, 27673), (150, 27697), (151, 27706), (156, 27721), (183, 27763), (227, 27877), (253, 27991), (257, 28006), (264, 28033), (280, 28108), (294, 28147), (315, 28234), (319, 28243), (330, 28294), (343, 28336), (351, 28357), (365, 28390), (374, 28414), (381, 28432), (392, 28474),

Gene: Abinghost_30 Start: 27573, Stop: 28616, Start Num: 74
Candidate Starts for Abinghost_30:
(Start: 43 @27468 has 1 MA's), (51, 27498), (Start: 74 @27573 has 54 MA's), (97, 27621), (117, 27687), (145, 27771), (155, 27795), (161, 27819), (169, 27843), (177, 27864), (186, 27897), (239,

28050), (241, 28062), (258, 28131), (276, 28212), (302, 28299), (305, 28314), (311, 28344), (324, 28407), (342, 28467), (348, 28485), (350, 28491), (352, 28494), (361, 28515), (373, 28545), (375, 28551), (378, 28557), (382, 28566),

Gene: AbsoluteMadLad_29 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for AbsoluteMadLad_29:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: Abt2graduatex2_23 Start: 22187, Stop: 23215, Start Num: 85
Candidate Starts for Abt2graduatex2_23:
(Start: 85 @22187 has 10 MA's), (102, 22244), (114, 22286), (120, 22313), (124, 22325), (162, 22433), (169, 22454), (171, 22457), (183, 22499), (196, 22535), (203, 22553), (221, 22607), (256, 22733), (265, 22766), (271, 22799), (281, 22835), (283, 22838), (289, 22865), (291, 22871), (300, 22910), (314, 22991), (327, 23042), (333, 23060), (338, 23075), (352, 23120), (361, 23141), (380, 23171), (393, 23204), (394, 23207),

Gene: Acadian_29 Start: 27893, Stop: 28981, Start Num: 72
Candidate Starts for Acadian_29:
(Start: 72 @27893 has 10 MA's), (134, 28073), (143, 28103), (145, 28109), (159, 28151), (169, 28181), (207, 28295), (239, 28388), (251, 28442), (264, 28490), (276, 28550), (280, 28562), (284, 28568), (286, 28574), (292, 28601), (314, 28709), (324, 28742), (352, 28829), (375, 28889), (379, 28898), (380, 28901),

Gene: Adriana_30 Start: 27645, Stop: 28757, Start Num: 64
Candidate Starts for Adriana_30:
(Start: 64 @27645 has 272 MA's), (Start: 70 @27663 has 8 MA's), (91, 27714), (143, 27882), (169, 27960), (200, 28050), (207, 28074), (221, 28110), (239, 28167), (242, 28182), (243, 28191), (250, 28218), (251, 28221), (258, 28248), (272, 28311), (280, 28341), (284, 28347), (305, 28431), (307, 28440), (321, 28509), (327, 28545), (329, 28551), (333, 28563), (367, 28653), (375, 28671), (379, 28680), (386, 28698), (398, 28731),

Gene: Aelin_29 Start: 27208, Stop: 28320, Start Num: 64
Candidate Starts for Aelin_29:
(Start: 64 @27208 has 272 MA's), (Start: 70 @27226 has 8 MA's), (91, 27277), (143, 27445), (169, 27523), (200, 27613), (207, 27637), (221, 27673), (239, 27730), (242, 27745), (243, 27754), (250, 27781), (251, 27784), (258, 27811), (272, 27874), (280, 27904), (284, 27910), (305, 27994), (307, 28003), (321, 28072), (327, 28108), (329, 28114), (333, 28126), (367, 28216), (375, 28234), (379, 28243), (386, 28261), (398, 28294),

Gene: Ahwei_26 Start: 26868, Stop: 27944, Start Num: 80
Candidate Starts for Ahwei_26:
(Start: 80 @26868 has 30 MA's), (86, 26877), (138, 27045), (155, 27102), (175, 27165), (186, 27204), (200, 27240), (207, 27264), (221, 27300), (239, 27357), (242, 27372), (245, 27384), (250, 27408), (251, 27411), (262, 27453), (272, 27501), (277, 27522), (280, 27531), (284, 27537), (305, 27618), (308, 27636), (314, 27678), (317, 27687), (324, 27711), (333, 27750), (341, 27768), (347, 27786), (352, 27798), (375, 27858), (379, 27867),

Gene: Akoma_30 Start: 27574, Stop: 28617, Start Num: 74
Candidate Starts for Akoma_30:

(Start: 43 @27469 has 1 MA's), (51, 27499), (Start: 74 @27574 has 54 MA's), (97, 27622), (117, 27688), (145, 27772), (155, 27796), (161, 27820), (169, 27844), (177, 27865), (186, 27898), (239, 28051), (241, 28063), (258, 28132), (276, 28213), (302, 28300), (305, 28315), (311, 28345), (324, 28408), (342, 28468), (348, 28486), (350, 28492), (352, 28495), (361, 28516), (373, 28546), (375, 28552), (378, 28558), (382, 28567),

Gene: AksarBAT_26 Start: 25546, Stop: 26589, Start Num: 78
Candidate Starts for AksarBAT_26:
(Start: 78 @25546 has 61 MA's), (90, 25567), (97, 25594), (138, 25714), (145, 25738), (159, 25780), (181, 25843), (207, 25924), (239, 26017), (241, 26029), (242, 26032), (245, 26044), (250, 26068), (251, 26071), (258, 26098), (272, 26161), (274, 26176), (280, 26191), (292, 26230), (302, 26263), (305, 26278), (311, 26308), (333, 26410), (352, 26458), (359, 26473), (371, 26506), (373, 26512), (403, 26569), (407, 26578),

Gene: AlanGrant_28 Start: 28607, Stop: 29689, Start Num: 80
Candidate Starts for AlanGrant_28:
(Start: 80 @28607 has 30 MA's), (122, 28745), (155, 28847), (186, 28949), (200, 28985), (207, 29009), (209, 29012), (210, 29015), (219, 29042), (221, 29045), (233, 29084), (243, 29126), (254, 29171), (262, 29198), (272, 29246), (276, 29264), (284, 29282), (292, 29315), (304, 29354), (305, 29363), (312, 29405), (314, 29423), (324, 29456), (327, 29477), (333, 29495), (352, 29543), (371, 29591), (375, 29603),

Gene: Aleia_30 Start: 27228, Stop: 28340, Start Num: 64
Candidate Starts for Aleia_30:
(Start: 64 @27228 has 272 MA's), (Start: 70 @27246 has 8 MA's), (91, 27297), (113, 27372), (143, 27465), (156, 27498), (169, 27543), (200, 27633), (207, 27657), (221, 27693), (239, 27750), (242, 27765), (243, 27774), (250, 27801), (251, 27804), (258, 27831), (272, 27894), (280, 27924), (282, 27927), (284, 27930), (305, 28014), (307, 28023), (321, 28092), (327, 28128), (329, 28134), (333, 28146), (367, 28236), (375, 28254), (379, 28263), (386, 28281), (398, 28314),

Gene: Allegro_31 Start: 28914, Stop: 29963, Start Num: 78
Candidate Starts for Allegro_31:
(28, 28653), (35, 28743), (Start: 43 @28803 has 1 MA's), (51, 28833), (Start: 52 @28836 has 1 MA's), (Start: 78 @28914 has 61 MA's), (97, 28962), (109, 28995), (121, 29046), (122, 29049), (145, 29112), (155, 29136), (193, 29259), (204, 29286), (207, 29298), (221, 29334), (234, 29376), (240, 29394), (245, 29418), (250, 29442), (252, 29454), (262, 29487), (269, 29526), (280, 29565), (294, 29613), (307, 29661), (311, 29682), (312, 29694), (320, 29727), (321, 29730), (333, 29784), (347, 29820), (352, 29832), (359, 29847), (361, 29853), (373, 29880), (375, 29886), (378, 29892), (382, 29901),

Gene: AltPhacts_30 Start: 27634, Stop: 28746, Start Num: 64
Candidate Starts for AltPhacts_30:
(Start: 64 @27634 has 272 MA's), (Start: 70 @27652 has 8 MA's), (91, 27703), (143, 27871), (169, 27949), (200, 28039), (207, 28063), (221, 28099), (239, 28156), (242, 28171), (243, 28180), (250, 28207), (251, 28210), (258, 28237), (272, 28300), (280, 28330), (284, 28336), (305, 28420), (307, 28429), (321, 28498), (327, 28534), (329, 28540), (333, 28552), (367, 28642), (375, 28660), (379, 28669), (386, 28687), (398, 28720),

Gene: Altheas_40 Start: 31029, Stop: 32177, Start Num: 46
Candidate Starts for Altheas_40:
(25, 30843), (33, 30933), (Start: 45 @31026 has 5 MA's), (Start: 46 @31029 has 91 MA's), (68, 31062), (Start: 79 @31092 has 1 MA's), (90, 31119), (155, 31353), (158, 31365), (167, 31386), (168, 31389), (172, 31395), (209, 31497), (214, 31515), (220, 31533), (240, 31593), (246, 31623), (265, 31704), (287, 31794), (299, 31809), (327, 31944), (329, 31950), (331, 31956), (351, 32016), (365, 32049),

(392, 32130), (394, 32136),

Gene: Altwerkus_29 Start: 27334, Stop: 28446, Start Num: 64
Candidate Starts for Altwerkus_29:
(Start: 64 @27334 has 272 MA's), (Start: 70 @27352 has 8 MA's), (91, 27403), (143, 27571), (169, 27649), (200, 27739), (207, 27763), (221, 27799), (239, 27856), (242, 27871), (243, 27880), (250, 27907), (251, 27910), (258, 27937), (272, 28000), (280, 28030), (284, 28036), (305, 28120), (307, 28129), (321, 28198), (327, 28234), (329, 28240), (333, 28252), (367, 28342), (375, 28360), (379, 28369), (386, 28387), (398, 28420),

Gene: AluminumJesus_37 Start: 30626, Stop: 31777, Start Num: 46
Candidate Starts for AluminumJesus_37:
(5, 30050), (13, 30200), (33, 30530), (Start: 46 @30626 has 91 MA's), (68, 30659), (75, 30680), (Start: 85 @30698 has 10 MA's), (90, 30716), (121, 30836), (128, 30860), (172, 30992), (220, 31130), (254, 31259), (267, 31328), (285, 31382), (315, 31490), (327, 31541), (331, 31553), (374, 31670), (384, 31694), (392, 31727), (394, 31733), (409, 31766),

Gene: Amo99_59 Start: 37457, Stop: 38605, Start Num: 77
Candidate Starts for Amo99_59:
(Start: 77 @37457 has 5 MA's), (106, 37538), (108, 37544), (110, 37553), (179, 37751), (197, 37808), (205, 37829), (214, 37859), (216, 37865), (230, 37904), (231, 37910), (240, 37937), (242, 37949), (245, 37961), (253, 38000), (269, 38069), (272, 38078), (277, 38099), (288, 38129), (297, 38168), (309, 38219), (352, 38390), (353, 38393), (361, 38411), (364, 38417), (369, 38438), (372, 38444), (375, 38453),

Gene: AnClar_27 Start: 27520, Stop: 28560, Start Num: 78
Candidate Starts for AnClar_27:
(Start: 43 @27409 has 1 MA's), (Start: 78 @27520 has 61 MA's), (91, 27544), (148, 27718), (181, 27817), (186, 27838), (207, 27898), (214, 27916), (241, 28003), (242, 28006), (252, 28054), (258, 28072), (272, 28135), (280, 28165), (282, 28168), (290, 28189), (305, 28252), (352, 28432), (403, 28540), (407, 28549),

Gene: AnarQue_28 Start: 27025, Stop: 28074, Start Num: 78
Candidate Starts for AnarQue_28:
(Start: 78 @27025 has 61 MA's), (91, 27049), (93, 27055), (109, 27106), (117, 27139), (122, 27160), (127, 27175), (138, 27193), (145, 27217), (162, 27268), (181, 27322), (198, 27376), (207, 27403), (216, 27427), (233, 27478), (242, 27511), (245, 27523), (252, 27559), (262, 27592), (271, 27637), (272, 27640), (280, 27670), (302, 27742), (304, 27748), (305, 27757), (308, 27775), (341, 27907), (349, 27931), (352, 27937), (403, 28054), (407, 28063),

Gene: Anderson_30 Start: 27640, Stop: 28752, Start Num: 64
Candidate Starts for Anderson_30:
(Start: 64 @27640 has 272 MA's), (Start: 70 @27658 has 8 MA's), (91, 27709), (143, 27877), (169, 27955), (200, 28045), (207, 28069), (221, 28105), (239, 28162), (242, 28177), (243, 28186), (250, 28213), (251, 28216), (258, 28243), (272, 28306), (280, 28336), (284, 28342), (305, 28426), (307, 28435), (321, 28504), (327, 28540), (329, 28546), (333, 28558), (367, 28648), (375, 28666), (379, 28675), (386, 28693), (398, 28726),

Gene: Andre_30 Start: 27638, Stop: 28750, Start Num: 64
Candidate Starts for Andre_30:
(Start: 64 @27638 has 272 MA's), (Start: 70 @27656 has 8 MA's), (91, 27707), (143, 27875), (169, 27953), (200, 28043), (207, 28067), (221, 28103), (239, 28160), (242, 28175), (243, 28184), (250, 28211), (251, 28214), (258, 28241), (272, 28304), (280, 28334), (284, 28340), (305, 28424), (307,

28433), (321, 28502), (327, 28538), (329, 28544), (333, 28556), (367, 28646), (375, 28664), (379, 28673), (386, 28691), (398, 28724),

Gene: AngelCake_30 Start: 27658, Stop: 28770, Start Num: 64
Candidate Starts for AngelCake_30:
(Start: 64 @27658 has 272 MA's), (Start: 70 @27676 has 8 MA's), (91, 27727), (113, 27802), (143, 27895), (156, 27928), (169, 27973), (200, 28063), (207, 28087), (221, 28123), (239, 28180), (242, 28195), (243, 28204), (250, 28231), (251, 28234), (258, 28261), (272, 28324), (284, 28360), (305, 28444), (307, 28453), (321, 28522), (327, 28558), (329, 28564), (333, 28576), (367, 28666), (375, 28684), (379, 28693), (386, 28711), (398, 28744),

Gene: Antares_39 Start: 27860, Stop: 29062, Start Num: 46
Candidate Starts for Antares_39:
(Start: 46 @27860 has 91 MA's), (63, 27896), (Start: 85 @27953 has 10 MA's), (102, 28016), (121, 28088), (128, 28112), (137, 28136), (144, 28160), (166, 28241), (172, 28262), (188, 28316), (197, 28343), (200, 28349), (202, 28355), (209, 28373), (214, 28391), (238, 28460), (240, 28466), (253, 28529), (265, 28574), (295, 28685), (326, 28820), (327, 28835), (333, 28853), (351, 28907), (358, 28922), (365, 28940), (384, 28988), (392, 29021), (404, 29048), (408, 29054),

Gene: Antihero_26 Start: 26868, Stop: 27944, Start Num: 80
Candidate Starts for Antihero_26:
(Start: 80 @26868 has 30 MA's), (86, 26877), (138, 27045), (155, 27102), (175, 27165), (186, 27204), (200, 27240), (207, 27264), (221, 27300), (239, 27357), (242, 27372), (245, 27384), (250, 27408), (251, 27411), (262, 27453), (272, 27501), (277, 27522), (280, 27531), (284, 27537), (305, 27618), (308, 27636), (314, 27678), (317, 27687), (324, 27711), (333, 27750), (341, 27768), (347, 27786), (352, 27798), (375, 27858), (379, 27867),

Gene: Antonia_29 Start: 27208, Stop: 28320, Start Num: 64
Candidate Starts for Antonia_29:
(Start: 64 @27208 has 272 MA's), (Start: 70 @27226 has 8 MA's), (91, 27277), (143, 27445), (169, 27523), (200, 27613), (207, 27637), (221, 27673), (239, 27730), (242, 27745), (243, 27754), (250, 27781), (251, 27784), (258, 27811), (272, 27874), (280, 27904), (284, 27910), (305, 27994), (307, 28003), (321, 28072), (327, 28108), (329, 28114), (333, 28126), (367, 28216), (375, 28234), (379, 28243), (386, 28261), (398, 28294),

Gene: Aonishiki_30 Start: 27680, Stop: 28792, Start Num: 64
Candidate Starts for Aonishiki_30:
(Start: 64 @27680 has 272 MA's), (Start: 70 @27698 has 8 MA's), (91, 27749), (143, 27917), (169, 27995), (200, 28085), (207, 28109), (221, 28145), (239, 28202), (242, 28217), (243, 28226), (250, 28253), (251, 28256), (258, 28283), (272, 28346), (280, 28376), (284, 28382), (305, 28466), (307, 28475), (321, 28544), (327, 28580), (329, 28586), (333, 28598), (367, 28688), (375, 28706), (379, 28715), (386, 28733), (398, 28766),

Gene: Apex_27 Start: 28075, Stop: 29151, Start Num: 80
Candidate Starts for Apex_27:
(Start: 80 @28075 has 30 MA's), (86, 28084), (122, 28213), (138, 28252), (155, 28309), (175, 28372), (181, 28390), (186, 28411), (200, 28447), (207, 28471), (221, 28507), (239, 28564), (242, 28579), (245, 28591), (250, 28615), (251, 28618), (262, 28660), (272, 28708), (277, 28729), (280, 28738), (284, 28744), (305, 28825), (308, 28843), (314, 28885), (317, 28894), (324, 28918), (333, 28957), (341, 28975), (347, 28993), (352, 29005), (375, 29065), (379, 29074),

Gene: Apizium_29 Start: 27399, Stop: 28511, Start Num: 64
Candidate Starts for Apizium_29:

(Start: 64 @27399 has 272 MA's), (Start: 70 @27417 has 8 MA's), (91, 27468), (143, 27636), (169, 27714), (200, 27804), (207, 27828), (221, 27864), (239, 27921), (242, 27936), (243, 27945), (250, 27972), (251, 27975), (258, 28002), (272, 28065), (280, 28095), (284, 28101), (305, 28185), (307, 28194), (321, 28263), (327, 28299), (329, 28305), (333, 28317), (367, 28407), (375, 28425), (379, 28434), (386, 28452), (398, 28485),

Gene: Arbiter_31 Start: 29003, Stop: 30052, Start Num: 78
Candidate Starts for Arbiter_31:
(15, 28526), (17, 28571), (22, 28646), (28, 28742), (35, 28832), (Start: 43 @28892 has 1 MA's), (51, 28922), (Start: 52 @28925 has 1 MA's), (Start: 78 @29003 has 61 MA's), (97, 29051), (109, 29084), (121, 29135), (122, 29138), (145, 29201), (155, 29225), (193, 29348), (204, 29375), (207, 29387), (221, 29423), (234, 29465), (240, 29483), (245, 29507), (250, 29531), (252, 29543), (262, 29576), (269, 29615), (280, 29654), (294, 29702), (307, 29750), (311, 29771), (312, 29783), (319, 29813), (320, 29816), (321, 29819), (333, 29873), (347, 29909), (352, 29921), (359, 29936), (361, 29942), (373, 29969), (375, 29975), (378, 29981), (382, 29990),

Gene: Ares_31 Start: 28925, Stop: 29974, Start Num: 78
Candidate Starts for Ares_31:
(15, 28448), (17, 28493), (22, 28568), (28, 28664), (35, 28754), (Start: 43 @28814 has 1 MA's), (51, 28844), (Start: 52 @28847 has 1 MA's), (Start: 78 @28925 has 61 MA's), (97, 28973), (109, 29006), (121, 29057), (122, 29060), (145, 29123), (155, 29147), (193, 29270), (204, 29297), (207, 29309), (221, 29345), (234, 29387), (240, 29405), (245, 29429), (250, 29453), (262, 29498), (269, 29537), (280, 29576), (294, 29624), (307, 29672), (311, 29693), (312, 29705), (320, 29738), (321, 29741), (333, 29795), (347, 29831), (352, 29843), (359, 29858), (361, 29864), (373, 29891), (375, 29897), (378, 29903), (382, 29912),

Gene: Argie_24 Start: 26462, Stop: 27499, Start Num: 78
Candidate Starts for Argie_24:
(Start: 78 @26462 has 61 MA's), (90, 26483), (91, 26486), (97, 26510), (109, 26543), (122, 26597), (132, 26615), (136, 26618), (143, 26645), (155, 26675), (204, 26825), (221, 26873), (239, 26930), (240, 26933), (242, 26945), (245, 26957), (252, 26993), (258, 27011), (271, 27071), (272, 27074), (276, 27092), (280, 27104), (282, 27107), (292, 27143), (293, 27149), (305, 27191), (311, 27221), (312, 27233), (325, 27287), (342, 27344), (347, 27359), (354, 27377), (359, 27386), (361, 27392), (364, 27398), (373, 27419), (375, 27425), (382, 27440), (389, 27461), (390, 27464),

Gene: Ariadne_47 Start: 29437, Stop: 30585, Start Num: 53
Candidate Starts for Ariadne_47:
(Start: 53 @29437 has 12 MA's), (86, 29512), (89, 29518), (94, 29542), (122, 29653), (151, 29752), (172, 29812), (188, 29866), (201, 29893), (214, 29929), (220, 29947), (238, 29995), (239, 29998), (245, 30025), (248, 30037), (253, 30064), (310, 30271), (311, 30277), (319, 30319), (327, 30361), (336, 30391), (358, 30448), (381, 30508), (388, 30535), (390, 30541), (392, 30547),

Gene: Ashraf_29 Start: 27206, Stop: 28318, Start Num: 64
Candidate Starts for Ashraf_29:
(Start: 64 @27206 has 272 MA's), (Start: 70 @27224 has 8 MA's), (91, 27275), (113, 27350), (143, 27443), (156, 27476), (169, 27521), (200, 27611), (207, 27635), (221, 27671), (239, 27728), (242, 27743), (243, 27752), (250, 27779), (251, 27782), (258, 27809), (272, 27872), (284, 27908), (305, 27992), (307, 28001), (321, 28070), (327, 28106), (329, 28112), (333, 28124), (367, 28214), (375, 28232), (379, 28241), (386, 28259), (398, 28292),

Gene: Asis_22 Start: 21599, Stop: 22627, Start Num: 85
Candidate Starts for Asis_22:

(30, 21332), (57, 21521), (Start: 85 @21599 has 10 MA's), (102, 21656), (110, 21683), (114, 21698), (169, 21866), (171, 21869), (183, 21911), (196, 21947), (221, 22019), (256, 22145), (271, 22211), (281, 22247), (283, 22250), (289, 22277), (291, 22283), (300, 22322), (327, 22454), (333, 22472), (338, 22487), (352, 22532), (361, 22553), (380, 22583), (382, 22586), (384, 22592), (393, 22616), (394, 22619),

Gene: Athena_31 Start: 28324, Stop: 29367, Start Num: 74
Candidate Starts for Athena_31:
(Start: 43 @28219 has 1 MA's), (51, 28249), (Start: 74 @28324 has 54 MA's), (97, 28372), (117, 28438), (145, 28522), (155, 28546), (161, 28570), (169, 28594), (177, 28615), (237, 28795), (239, 28801), (241, 28813), (258, 28882), (276, 28963), (302, 29050), (305, 29065), (311, 29095), (324, 29158), (342, 29218), (348, 29236), (350, 29242), (352, 29245), (361, 29266), (373, 29296), (375, 29302), (378, 29308), (382, 29317),

Gene: Audrey_30 Start: 27573, Stop: 28616, Start Num: 74
Candidate Starts for Audrey_30:
(Start: 43 @27468 has 1 MA's), (51, 27498), (Start: 74 @27573 has 54 MA's), (97, 27621), (117, 27687), (145, 27771), (155, 27795), (161, 27819), (169, 27843), (177, 27864), (186, 27897), (239, 28050), (241, 28062), (258, 28131), (276, 28212), (302, 28299), (305, 28314), (311, 28344), (324, 28407), (342, 28467), (348, 28485), (350, 28491), (352, 28494), (361, 28515), (373, 28545), (375, 28551), (378, 28557), (382, 28566),

Gene: Austelle_28 Start: 28531, Stop: 29607, Start Num: 80
Candidate Starts for Austelle_28:
(Start: 80 @28531 has 30 MA's), (86, 28540), (138, 28708), (155, 28765), (175, 28828), (181, 28846), (186, 28867), (200, 28903), (207, 28927), (221, 28963), (239, 29020), (242, 29035), (245, 29047), (250, 29071), (251, 29074), (262, 29116), (272, 29164), (277, 29185), (280, 29194), (284, 29200), (305, 29281), (308, 29299), (314, 29341), (317, 29350), (324, 29374), (333, 29413), (341, 29431), (347, 29449), (352, 29461), (353, 29464), (375, 29521), (379, 29530),

Gene: Axumite_26 Start: 25044, Stop: 26081, Start Num: 76
Candidate Starts for Axumite_26:
(Start: 74 @25041 has 54 MA's), (Start: 76 @25044 has 10 MA's), (117, 25158), (137, 25206), (145, 25233), (163, 25287), (204, 25407), (207, 25419), (221, 25455), (242, 25527), (245, 25539), (252, 25575), (254, 25581), (258, 25593), (272, 25656), (305, 25773), (327, 25887), (352, 25953), (359, 25968), (361, 25974), (371, 26001), (386, 26031), (407, 26070),

Gene: BabyDotz_38 Start: 31396, Stop: 32544, Start Num: 46
Candidate Starts for BabyDotz_38:
(33, 31300), (Start: 45 @31393 has 5 MA's), (Start: 46 @31396 has 91 MA's), (68, 31429), (Start: 79 @31459 has 1 MA's), (90, 31486), (121, 31606), (149, 31696), (155, 31720), (167, 31753), (168, 31756), (172, 31762), (200, 31840), (220, 31900), (240, 31960), (287, 32161), (299, 32176), (327, 32311), (329, 32317), (331, 32323), (333, 32329), (351, 32383), (384, 32464), (392, 32497), (394, 32503), (408, 32533),

Gene: BabyGotBac_22 Start: 21599, Stop: 22627, Start Num: 85
Candidate Starts for BabyGotBac_22:
(30, 21332), (57, 21521), (Start: 85 @21599 has 10 MA's), (102, 21656), (110, 21683), (114, 21698), (169, 21866), (171, 21869), (183, 21911), (196, 21947), (221, 22019), (256, 22145), (271, 22211), (281, 22247), (283, 22250), (289, 22277), (291, 22283), (300, 22322), (327, 22454), (338, 22487), (352, 22532), (361, 22553), (380, 22583), (382, 22586), (384, 22592), (393, 22616), (394, 22619),

Gene: BaconCheese_42 Start: 32018, Stop: 33163, Start Num: 46

Candidate Starts for BaconCheese_42:
(33, 31922), (Start: 45 @32015 has 5 MA's), (Start: 46 @32018 has 91 MA's), (68, 32045), (75, 32066), (Start: 79 @32075 has 1 MA's), (Start: 85 @32084 has 10 MA's), (90, 32102), (121, 32222), (128, 32246), (167, 32369), (172, 32378), (220, 32516), (254, 32645), (267, 32714), (285, 32768), (315, 32876), (327, 32927), (331, 32939), (374, 33056), (384, 33080), (392, 33113), (394, 33119), (409, 33152),

Gene: Badfish_30 Start: 27669, Stop: 28781, Start Num: 64
Candidate Starts for Badfish_30:
(Start: 64 @27669 has 272 MA's), (Start: 70 @27687 has 8 MA's), (91, 27738), (143, 27906), (169, 27984), (200, 28074), (207, 28098), (221, 28134), (239, 28191), (242, 28206), (243, 28215), (250, 28242), (251, 28245), (258, 28272), (272, 28335), (280, 28365), (284, 28371), (305, 28455), (307, 28464), (321, 28533), (327, 28569), (329, 28575), (333, 28587), (367, 28677), (375, 28695), (379, 28704), (386, 28722), (398, 28755),

Gene: Baee_28 Start: 27667, Stop: 28755, Start Num: 72
Candidate Starts for Baee_28:
(68, 27655), (Start: 72 @27667 has 10 MA's), (134, 27847), (143, 27877), (145, 27883), (159, 27925), (207, 28069), (239, 28162), (251, 28216), (264, 28264), (276, 28324), (280, 28336), (284, 28342), (286, 28348), (291, 28363), (314, 28483), (324, 28516), (332, 28552), (347, 28591), (352, 28603), (375, 28663), (379, 28672), (380, 28675), (399, 28732),

Gene: Baloo_30 Start: 27576, Stop: 28619, Start Num: 74
Candidate Starts for Baloo_30:
(Start: 43 @27471 has 1 MA's), (51, 27501), (Start: 74 @27576 has 54 MA's), (97, 27624), (117, 27690), (145, 27774), (155, 27798), (161, 27822), (169, 27846), (177, 27867), (186, 27900), (239, 28053), (241, 28065), (258, 28134), (276, 28215), (302, 28302), (305, 28317), (311, 28347), (324, 28410), (342, 28470), (348, 28488), (350, 28494), (352, 28497), (361, 28518), (373, 28548), (375, 28554), (378, 28560), (382, 28569),

Gene: Bananafish_31 Start: 28923, Stop: 29972, Start Num: 78
Candidate Starts for Bananafish_31:
(15, 28446), (17, 28491), (22, 28566), (28, 28662), (35, 28752), (Start: 43 @28812 has 1 MA's), (51, 28842), (Start: 52 @28845 has 1 MA's), (Start: 78 @28923 has 61 MA's), (97, 28971), (109, 29004), (121, 29055), (122, 29058), (145, 29121), (155, 29145), (193, 29268), (204, 29295), (207, 29307), (221, 29343), (234, 29385), (240, 29403), (245, 29427), (250, 29451), (252, 29463), (262, 29496), (269, 29535), (280, 29574), (294, 29622), (307, 29670), (311, 29691), (312, 29703), (319, 29733), (320, 29736), (321, 29739), (333, 29793), (347, 29829), (352, 29841), (359, 29856), (361, 29862), (373, 29889), (375, 29895), (378, 29901), (382, 29910),

Gene: Banjo_29 Start: 27345, Stop: 28457, Start Num: 64
Candidate Starts for Banjo_29:
(Start: 64 @27345 has 272 MA's), (Start: 70 @27363 has 8 MA's), (91, 27414), (143, 27582), (169, 27660), (200, 27750), (207, 27774), (221, 27810), (239, 27867), (242, 27882), (243, 27891), (250, 27918), (251, 27921), (258, 27948), (272, 28011), (280, 28041), (284, 28047), (305, 28131), (307, 28140), (321, 28209), (327, 28245), (329, 28251), (333, 28263), (367, 28353), (375, 28371), (379, 28380), (386, 28398), (398, 28431),

Gene: Basato_31 Start: 27873, Stop: 28985, Start Num: 64
Candidate Starts for Basato_31:
(Start: 64 @27873 has 272 MA's), (Start: 70 @27891 has 8 MA's), (91, 27942), (143, 28110), (169, 28188), (200, 28278), (207, 28302), (221, 28338), (239, 28395), (242, 28410), (243, 28419), (250, 28446), (251, 28449), (258, 28476), (272, 28539), (280, 28569), (284, 28575), (305, 28659), (307,

28668), (321, 28737), (327, 28773), (329, 28779), (333, 28791), (367, 28881), (375, 28899), (379, 28908), (386, 28926), (398, 28959),

Gene: BatteryCK_29 Start: 27264, Stop: 28376, Start Num: 64
Candidate Starts for BatteryCK_29:
(Start: 64 @27264 has 272 MA's), (Start: 70 @27282 has 8 MA's), (91, 27333), (113, 27408), (143, 27501), (156, 27534), (169, 27579), (200, 27669), (207, 27693), (221, 27729), (239, 27786), (242, 27801), (243, 27810), (250, 27837), (251, 27840), (258, 27867), (272, 27930), (284, 27966), (305, 28050), (307, 28059), (321, 28128), (327, 28164), (329, 28170), (333, 28182), (367, 28272), (375, 28290), (379, 28299), (386, 28317), (398, 28350),

Gene: BayC_22 Start: 21599, Stop: 22627, Start Num: 85
Candidate Starts for BayC_22:
(30, 21332), (57, 21521), (Start: 85 @21599 has 10 MA's), (102, 21656), (110, 21683), (114, 21698), (169, 21866), (171, 21869), (183, 21911), (196, 21947), (221, 22019), (256, 22145), (271, 22211), (281, 22247), (283, 22250), (289, 22277), (291, 22283), (300, 22322), (327, 22454), (338, 22487), (352, 22532), (361, 22553), (380, 22583), (382, 22586), (384, 22592), (393, 22616), (394, 22619),

Gene: Beagle_39 Start: 27630, Stop: 28763, Start Num: 60
Candidate Starts for Beagle_39:
(Start: 60 @27630 has 18 MA's), (83, 27696), (90, 27717), (103, 27765), (112, 27795), (115, 27804), (121, 27831), (150, 27924), (156, 27948), (183, 27990), (187, 28002), (192, 28014), (218, 28074), (240, 28152), (251, 28206), (257, 28233), (273, 28311), (280, 28335), (304, 28404), (329, 28518), (330, 28521), (333, 28530), (351, 28584), (358, 28599), (360, 28605), (363, 28611), (365, 28617), (374, 28641), (381, 28659), (406, 28734),

Gene: BeagleBug_38 Start: 27641, Stop: 28843, Start Num: 46
Candidate Starts for BeagleBug_38:
(Start: 46 @27641 has 91 MA's), (63, 27677), (Start: 85 @27734 has 10 MA's), (121, 27869), (128, 27893), (137, 27917), (144, 27941), (166, 28022), (172, 28043), (188, 28097), (197, 28124), (200, 28130), (202, 28136), (209, 28154), (214, 28172), (238, 28241), (240, 28247), (253, 28310), (265, 28355), (295, 28466), (326, 28601), (327, 28616), (333, 28634), (351, 28688), (358, 28703), (365, 28721), (384, 28769), (392, 28802), (404, 28829), (408, 28835),

Gene: Beaglebox_29 Start: 27365, Stop: 28477, Start Num: 64
Candidate Starts for Beaglebox_29:
(Start: 64 @27365 has 272 MA's), (Start: 70 @27383 has 8 MA's), (91, 27434), (143, 27602), (169, 27680), (200, 27770), (207, 27794), (221, 27830), (239, 27887), (242, 27902), (243, 27911), (250, 27938), (251, 27941), (258, 27968), (272, 28031), (280, 28061), (284, 28067), (305, 28151), (307, 28160), (321, 28229), (327, 28265), (329, 28271), (333, 28283), (367, 28373), (375, 28391), (379, 28400), (386, 28418), (398, 28451),

Gene: Ben11_29 Start: 27395, Stop: 28438, Start Num: 74
Candidate Starts for Ben11_29:
(Start: 43 @27290 has 1 MA's), (51, 27320), (Start: 74 @27395 has 54 MA's), (97, 27443), (117, 27509), (145, 27593), (155, 27617), (161, 27641), (169, 27665), (177, 27686), (186, 27719), (239, 27872), (241, 27884), (258, 27953), (276, 28034), (302, 28121), (305, 28136), (311, 28166), (324, 28229), (342, 28289), (348, 28307), (350, 28313), (352, 28316), (361, 28337), (373, 28367), (375, 28373), (378, 28379), (382, 28388),

Gene: Bernardo_30 Start: 27558, Stop: 28706, Start Num: 43
Candidate Starts for Bernardo_30:

(Start: 43 @27558 has 1 MA's), (51, 27588), (Start: 74 @27663 has 54 MA's), (97, 27711), (117, 27777), (145, 27861), (155, 27885), (161, 27909), (169, 27933), (177, 27954), (239, 28140), (241, 28152), (258, 28221), (276, 28302), (302, 28389), (305, 28404), (311, 28434), (324, 28497), (342, 28557), (348, 28575), (350, 28581), (352, 28584), (361, 28605), (373, 28635), (375, 28641), (378, 28647), (382, 28656),

Gene: BetaFish_38 Start: 27824, Stop: 28957, Start Num: 60
Candidate Starts for BetaFish_38:
(Start: 60 @27824 has 18 MA's), (83, 27890), (90, 27911), (103, 27959), (112, 27989), (115, 27998), (121, 28025), (150, 28118), (156, 28142), (183, 28184), (187, 28196), (192, 28208), (218, 28268), (240, 28346), (251, 28400), (257, 28427), (273, 28505), (280, 28529), (304, 28598), (329, 28712), (330, 28715), (333, 28724), (351, 28778), (358, 28793), (360, 28799), (363, 28805), (365, 28811), (374, 28835), (381, 28853), (406, 28928),

Gene: BiggityBass_26 Start: 27310, Stop: 28350, Start Num: 78
Candidate Starts for BiggityBass_26:
(Start: 78 @27310 has 61 MA's), (91, 27334), (148, 27508), (181, 27607), (186, 27628), (207, 27688), (214, 27706), (242, 27796), (252, 27844), (258, 27862), (272, 27925), (282, 27958), (290, 27979), (305, 28042), (352, 28222), (403, 28330), (407, 28339),

Gene: BirdInFrench_38 Start: 29203, Stop: 30351, Start Num: 46
Candidate Starts for BirdInFrench_38:
(33, 29107), (Start: 45 @29200 has 5 MA's), (Start: 46 @29203 has 91 MA's), (68, 29236), (Start: 79 @29266 has 1 MA's), (155, 29527), (168, 29563), (172, 29569), (187, 29620), (198, 29644), (200, 29647), (209, 29671), (214, 29689), (218, 29701), (220, 29707), (265, 29878), (269, 29911), (287, 29968), (299, 29983), (325, 30100), (327, 30118), (329, 30124), (331, 30130), (351, 30190), (392, 30304), (394, 30310),

Gene: BirdsNest_32 Start: 27260, Stop: 28324, Start Num: 81
Candidate Starts for BirdsNest_32:
(Start: 81 @27260 has 3 MA's), (97, 27311), (121, 27395), (130, 27419), (200, 27626), (207, 27650), (218, 27680), (233, 27725), (239, 27743), (245, 27770), (250, 27794), (280, 27917), (284, 27923), (305, 28004), (307, 28013), (308, 28022), (333, 28136), (341, 28154), (347, 28172), (371, 28232), (375, 28244), (396, 28295), (398, 28298),

Gene: Bishoperium_29 Start: 27354, Stop: 28466, Start Num: 64
Candidate Starts for Bishoperium_29:
(Start: 64 @27354 has 272 MA's), (Start: 70 @27372 has 8 MA's), (91, 27423), (143, 27591), (169, 27669), (200, 27759), (207, 27783), (221, 27819), (239, 27876), (242, 27891), (243, 27900), (250, 27927), (251, 27930), (258, 27957), (272, 28020), (280, 28050), (284, 28056), (305, 28140), (307, 28149), (321, 28218), (327, 28254), (329, 28260), (333, 28272), (367, 28362), (375, 28380), (379, 28389), (386, 28407), (398, 28440),

Gene: Blab_37 Start: 30539, Stop: 31690, Start Num: 46
Candidate Starts for Blab_37:
(33, 30443), (Start: 46 @30539 has 91 MA's), (68, 30572), (75, 30593), (Start: 85 @30611 has 10 MA's), (90, 30629), (121, 30749), (128, 30773), (172, 30905), (220, 31043), (267, 31241), (285, 31295), (315, 31403), (327, 31454), (331, 31466), (374, 31583), (384, 31607), (392, 31640), (394, 31646), (409, 31679),

Gene: BlackStallion_30 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for BlackStallion_30:

(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: Blackpen_28 Start: 26443, Stop: 27492, Start Num: 78
Candidate Starts for Blackpen_28:
(Start: 78 @26443 has 61 MA's), (91, 26467), (109, 26524), (117, 26557), (122, 26578), (127, 26593), (138, 26611), (145, 26635), (162, 26686), (181, 26740), (198, 26794), (207, 26821), (216, 26845), (242, 26929), (245, 26941), (252, 26977), (262, 27010), (271, 27055), (272, 27058), (280, 27088), (302, 27160), (304, 27166), (305, 27175), (308, 27193), (325, 27271), (341, 27325), (349, 27349), (352, 27355), (403, 27472), (407, 27481),

Gene: BlacksBerry_29 Start: 27366, Stop: 28478, Start Num: 64
Candidate Starts for BlacksBerry_29:
(Start: 64 @27366 has 272 MA's), (Start: 70 @27384 has 8 MA's), (91, 27435), (113, 27510), (143, 27603), (156, 27636), (169, 27681), (200, 27771), (207, 27795), (221, 27831), (239, 27888), (242, 27903), (243, 27912), (250, 27939), (251, 27942), (258, 27969), (272, 28032), (280, 28062), (282, 28065), (284, 28068), (305, 28152), (307, 28161), (321, 28230), (327, 28266), (329, 28272), (333, 28284), (367, 28374), (375, 28392), (379, 28401), (386, 28419), (398, 28452),

Gene: Blocker23_31 Start: 29044, Stop: 30093, Start Num: 78
Candidate Starts for Blocker23_31:
(15, 28567), (17, 28612), (22, 28687), (28, 28783), (35, 28873), (Start: 43 @28933 has 1 MA's), (51, 28963), (Start: 52 @28966 has 1 MA's), (Start: 78 @29044 has 61 MA's), (97, 29092), (109, 29125), (121, 29176), (122, 29179), (145, 29242), (155, 29266), (193, 29389), (204, 29416), (207, 29428), (221, 29464), (234, 29506), (240, 29524), (245, 29548), (250, 29572), (252, 29584), (262, 29617), (269, 29656), (280, 29695), (294, 29743), (307, 29791), (311, 29812), (312, 29824), (320, 29857), (321, 29860), (333, 29914), (347, 29950), (352, 29962), (359, 29977), (361, 29983), (373, 30010), (375, 30016), (378, 30022), (382, 30031),

Gene: BlueHusk_30 Start: 27153, Stop: 28265, Start Num: 64
Candidate Starts for BlueHusk_30:
(Start: 64 @27153 has 272 MA's), (Start: 70 @27171 has 8 MA's), (91, 27222), (143, 27390), (169, 27468), (200, 27558), (207, 27582), (221, 27618), (239, 27675), (242, 27690), (243, 27699), (250, 27726), (251, 27729), (258, 27756), (272, 27819), (280, 27849), (284, 27855), (305, 27939), (307, 27948), (321, 28017), (327, 28053), (329, 28059), (333, 28071), (367, 28161), (375, 28179), (379, 28188), (386, 28206), (398, 28239),

Gene: Bluephacebaby_29 Start: 27351, Stop: 28463, Start Num: 64
Candidate Starts for Bluephacebaby_29:
(Start: 64 @27351 has 272 MA's), (Start: 70 @27369 has 8 MA's), (91, 27420), (143, 27588), (169, 27666), (200, 27756), (207, 27780), (221, 27816), (239, 27873), (242, 27888), (243, 27897), (250, 27924), (251, 27927), (258, 27954), (272, 28017), (280, 28047), (284, 28053), (305, 28137), (307, 28146), (321, 28215), (327, 28251), (329, 28257), (333, 28269), (367, 28359), (375, 28377), (379, 28386), (386, 28404), (398, 28437),

Gene: BobRoss2024_25 Start: 25077, Stop: 26117, Start Num: 78
Candidate Starts for BobRoss2024_25:
(Start: 78 @25077 has 61 MA's), (91, 25101), (117, 25191), (123, 25215), (131, 25233), (137, 25242), (169, 25341), (207, 25455), (239, 25548), (241, 25560), (250, 25599), (280, 25722), (304, 25800), (305, 25809), (307, 25818), (325, 25905), (352, 25989), (373, 26043), (379, 26058), (407, 26106),

Gene: BobbyK_27 Start: 27900, Stop: 28976, Start Num: 80
Candidate Starts for BobbyK_27:
(Start: 80 @27900 has 30 MA's), (86, 27909), (138, 28077), (155, 28134), (175, 28197), (186, 28236), (200, 28272), (207, 28296), (221, 28332), (239, 28389), (242, 28404), (245, 28416), (250, 28440), (251, 28443), (262, 28485), (272, 28533), (280, 28563), (284, 28569), (305, 28650), (308, 28668), (314, 28710), (317, 28719), (324, 28743), (333, 28782), (341, 28800), (347, 28818), (352, 28830), (353, 28833), (375, 28890), (379, 28899),

Gene: Boehler_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Boehler_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Boise_28 Start: 24847, Stop: 25974, Start Num: 60
Candidate Starts for Boise_28:
(Start: 60 @24847 has 18 MA's), (90, 24934), (120, 25045), (143, 25117), (150, 25141), (156, 25165), (183, 25207), (203, 25246), (214, 25279), (238, 25351), (240, 25357), (242, 25369), (248, 25396), (259, 25453), (267, 25498), (273, 25519), (280, 25543), (319, 25693), (330, 25744), (333, 25753), (339, 25771), (343, 25786), (351, 25807), (360, 25828), (374, 25864), (381, 25882),

Gene: BoogieWoogie_29 Start: 27338, Stop: 28450, Start Num: 64
Candidate Starts for BoogieWoogie_29:
(Start: 64 @27338 has 272 MA's), (Start: 70 @27356 has 8 MA's), (91, 27407), (143, 27575), (169, 27653), (200, 27743), (207, 27767), (221, 27803), (239, 27860), (242, 27875), (243, 27884), (250, 27911), (251, 27914), (258, 27941), (272, 28004), (280, 28034), (284, 28040), (305, 28124), (307, 28133), (321, 28202), (327, 28238), (329, 28244), (333, 28256), (367, 28346), (375, 28364), (379, 28373), (386, 28391), (398, 28424),

Gene: Boyle_31 Start: 29042, Stop: 30091, Start Num: 78
Candidate Starts for Boyle_31:
(15, 28565), (17, 28610), (22, 28685), (28, 28781), (35, 28871), (Start: 43 @28931 has 1 MA's), (51, 28961), (Start: 52 @28964 has 1 MA's), (Start: 78 @29042 has 61 MA's), (97, 29090), (109, 29123), (121, 29174), (122, 29177), (145, 29240), (155, 29264), (193, 29387), (204, 29414), (207, 29426), (221, 29462), (234, 29504), (240, 29522), (245, 29546), (250, 29570), (252, 29582), (262, 29615), (269, 29654), (280, 29693), (294, 29741), (307, 29789), (311, 29810), (312, 29822), (320, 29855), (321, 29858), (333, 29912), (347, 29948), (352, 29960), (359, 29975), (361, 29981), (373, 30008), (375, 30014), (378, 30020), (382, 30029),

Gene: BrazzalePHS_38 Start: 27655, Stop: 28857, Start Num: 46
Candidate Starts for BrazzalePHS_38:
(Start: 46 @27655 has 91 MA's), (63, 27691), (Start: 85 @27748 has 10 MA's), (121, 27883), (128, 27907), (137, 27931), (144, 27955), (166, 28036), (172, 28057), (188, 28111), (197, 28138), (200, 28144), (202, 28150), (209, 28168), (214, 28186), (238, 28255), (240, 28261), (253, 28324), (265, 28369), (295, 28480), (326, 28615), (327, 28630), (333, 28648), (351, 28702), (358, 28717), (365, 28735), (384, 28783), (392, 28816), (404, 28843), (408, 28849),

Gene: Briakila_30 Start: 28338, Stop: 29381, Start Num: 74
Candidate Starts for Briakila_30:

(Start: 43 @28233 has 1 MA's), (51, 28263), (Start: 74 @28338 has 54 MA's), (97, 28386), (117, 28452), (145, 28536), (155, 28560), (161, 28584), (169, 28608), (177, 28629), (237, 28809), (239, 28815), (241, 28827), (258, 28896), (276, 28977), (302, 29064), (305, 29079), (311, 29109), (324, 29172), (342, 29232), (348, 29250), (350, 29256), (352, 29259), (361, 29280), (373, 29310), (375, 29316), (378, 29322), (382, 29331),

Gene: Brilliant_30 Start: 27362, Stop: 28474, Start Num: 64
Candidate Starts for Brilliant_30:
(Start: 64 @27362 has 272 MA's), (Start: 70 @27380 has 8 MA's), (91, 27431), (113, 27506), (143, 27599), (156, 27632), (169, 27677), (200, 27767), (207, 27791), (221, 27827), (239, 27884), (242, 27899), (243, 27908), (250, 27935), (251, 27938), (258, 27965), (272, 28028), (284, 28064), (305, 28148), (307, 28157), (321, 28226), (327, 28262), (329, 28268), (333, 28280), (367, 28370), (375, 28388), (379, 28397), (386, 28415), (398, 28448),

Gene: BrownCNA_28 Start: 28161, Stop: 29237, Start Num: 80
Candidate Starts for BrownCNA_28:
(Start: 80 @28161 has 30 MA's), (86, 28170), (138, 28338), (155, 28395), (175, 28458), (186, 28497), (200, 28533), (207, 28557), (221, 28593), (239, 28650), (242, 28665), (245, 28677), (250, 28701), (251, 28704), (262, 28746), (272, 28794), (277, 28815), (280, 28824), (284, 28830), (305, 28911), (308, 28929), (314, 28971), (317, 28980), (324, 29004), (333, 29043), (341, 29061), (347, 29079), (352, 29091), (353, 29094), (375, 29151), (379, 29160),

Gene: Brownie5_31 Start: 29048, Stop: 30097, Start Num: 78
Candidate Starts for Brownie5_31:
(15, 28571), (17, 28616), (22, 28691), (28, 28787), (35, 28877), (Start: 43 @28937 has 1 MA's), (51, 28967), (Start: 52 @28970 has 1 MA's), (Start: 78 @29048 has 61 MA's), (97, 29096), (109, 29129), (121, 29180), (122, 29183), (145, 29246), (155, 29270), (193, 29393), (204, 29420), (207, 29432), (221, 29468), (234, 29510), (240, 29528), (245, 29552), (250, 29576), (252, 29588), (262, 29621), (269, 29660), (280, 29699), (294, 29747), (307, 29795), (311, 29816), (312, 29828), (320, 29861), (321, 29864), (333, 29918), (347, 29954), (352, 29966), (359, 29981), (361, 29987), (373, 30014), (375, 30020), (378, 30026), (382, 30035),

Gene: BruhMoment_33 Start: 27211, Stop: 28335, Start Num: 60
Candidate Starts for BruhMoment_33:
(Start: 60 @27211 has 18 MA's), (89, 27289), (90, 27298), (101, 27340), (119, 27403), (121, 27412), (135, 27451), (143, 27481), (150, 27505), (152, 27517), (156, 27529), (183, 27571), (214, 27643), (238, 27727), (250, 27784), (251, 27787), (257, 27814), (265, 27844), (268, 27874), (273, 27892), (303, 27982), (331, 28105), (344, 28147), (374, 28222), (381, 28240), (400, 28303),

Gene: Buckeye_30 Start: 27674, Stop: 28786, Start Num: 64
Candidate Starts for Buckeye_30:
(Start: 64 @27674 has 272 MA's), (Start: 70 @27692 has 8 MA's), (91, 27743), (143, 27911), (169, 27989), (200, 28079), (207, 28103), (221, 28139), (239, 28196), (242, 28211), (243, 28220), (250, 28247), (251, 28250), (258, 28277), (272, 28340), (280, 28370), (284, 28376), (305, 28460), (307, 28469), (321, 28538), (327, 28574), (329, 28580), (333, 28592), (367, 28682), (375, 28700), (379, 28709), (386, 28727), (398, 28760),

Gene: Burr_29 Start: 27350, Stop: 28462, Start Num: 64
Candidate Starts for Burr_29:
(Start: 64 @27350 has 272 MA's), (Start: 70 @27368 has 8 MA's), (91, 27419), (143, 27587), (169, 27665), (200, 27755), (207, 27779), (221, 27815), (239, 27872), (242, 27887), (243, 27896), (250, 27923), (251, 27926), (258, 27953), (272, 28016), (280, 28046), (284, 28052), (305, 28136), (307, 28145), (321, 28214), (327, 28250), (329, 28256), (333, 28268), (367, 28358), (375, 28376), (379,

28385), (386, 28403), (398, 28436),

Gene: Busephilis_38 Start: 27596, Stop: 28798, Start Num: 46
Candidate Starts for Busephilis_38:
(Start: 46 @27596 has 91 MA's), (63, 27632), (Start: 85 @27689 has 10 MA's), (102, 27752), (121, 27824), (128, 27848), (137, 27872), (144, 27896), (166, 27977), (172, 27998), (188, 28052), (197, 28079), (200, 28085), (202, 28091), (209, 28109), (214, 28127), (238, 28196), (240, 28202), (253, 28265), (265, 28310), (280, 28382), (295, 28421), (326, 28556), (327, 28571), (333, 28589), (351, 28643), (358, 28658), (365, 28676), (384, 28724), (392, 28757), (404, 28784), (408, 28790),

Gene: CRB2_32 Start: 30636, Stop: 31733, Start Num: 76
Candidate Starts for CRB2_32:
(Start: 76 @30636 has 10 MA's), (137, 30810), (138, 30813), (154, 30858), (186, 30963), (204, 31011), (207, 31023), (233, 31098), (239, 31116), (240, 31119), (243, 31140), (245, 31143), (250, 31167), (262, 31212), (264, 31218), (272, 31260), (280, 31290), (284, 31296), (305, 31377), (308, 31395), (313, 31434), (314, 31437), (333, 31509), (347, 31545), (350, 31554), (352, 31557), (357, 31569), (366, 31596), (375, 31617), (398, 31686),

Gene: CaiB_28 Start: 27011, Stop: 28060, Start Num: 78
Candidate Starts for CaiB_28:
(Start: 78 @27011 has 61 MA's), (91, 27035), (109, 27092), (117, 27125), (122, 27146), (127, 27161), (138, 27179), (145, 27203), (162, 27254), (181, 27308), (198, 27362), (207, 27389), (216, 27413), (233, 27464), (242, 27497), (245, 27509), (252, 27545), (262, 27578), (271, 27623), (272, 27626), (280, 27656), (302, 27728), (304, 27734), (305, 27743), (308, 27761), (341, 27893), (349, 27917), (352, 27923), (403, 28040), (407, 28049),

Gene: Calamitous_31 Start: 28928, Stop: 29977, Start Num: 78
Candidate Starts for Calamitous_31:
(15, 28451), (17, 28496), (22, 28571), (28, 28667), (35, 28757), (Start: 43 @28817 has 1 MA's), (51, 28847), (Start: 52 @28850 has 1 MA's), (Start: 78 @28928 has 61 MA's), (97, 28976), (109, 29009), (121, 29060), (122, 29063), (145, 29126), (155, 29150), (193, 29273), (204, 29300), (207, 29312), (221, 29348), (234, 29390), (240, 29408), (245, 29432), (250, 29456), (252, 29468), (262, 29501), (269, 29540), (280, 29579), (294, 29627), (307, 29675), (311, 29696), (312, 29708), (319, 29738), (320, 29741), (321, 29744), (333, 29798), (347, 29834), (352, 29846), (359, 29861), (361, 29867), (373, 29894), (375, 29900), (378, 29906), (382, 29915),

Gene: CamL_30 Start: 27652, Stop: 28764, Start Num: 64
Candidate Starts for CamL_30:
(Start: 64 @27652 has 272 MA's), (Start: 70 @27670 has 8 MA's), (91, 27721), (143, 27889), (169, 27967), (200, 28057), (207, 28081), (221, 28117), (239, 28174), (242, 28189), (243, 28198), (250, 28225), (251, 28228), (258, 28255), (272, 28318), (280, 28348), (284, 28354), (305, 28438), (307, 28447), (321, 28516), (327, 28552), (329, 28558), (333, 28570), (367, 28660), (375, 28678), (379, 28687), (386, 28705), (398, 28738),

Gene: CampRoach_30 Start: 27642, Stop: 28754, Start Num: 64
Candidate Starts for CampRoach_30:
(Start: 64 @27642 has 272 MA's), (Start: 70 @27660 has 8 MA's), (91, 27711), (143, 27879), (169, 27957), (200, 28047), (207, 28071), (221, 28107), (239, 28164), (242, 28179), (243, 28188), (250, 28215), (251, 28218), (258, 28245), (272, 28308), (280, 28338), (284, 28344), (305, 28428), (307, 28437), (321, 28506), (327, 28542), (329, 28548), (333, 28560), (367, 28650), (375, 28668), (379, 28677), (386, 28695), (398, 28728),

Gene: CandC_37 Start: 29528, Stop: 30676, Start Num: 46

Candidate Starts for CandC_37:
(25, 29342), (31, 29417), (33, 29432), (Start: 45 @29525 has 5 MA's), (Start: 46 @29528 has 91 MA's), (68, 29561), (142, 29804), (155, 29852), (172, 29894), (192, 29957), (214, 30014), (220, 30032), (242, 30104), (327, 30443), (331, 30455), (374, 30572), (390, 30623), (408, 30665),

Gene: Cannibal_30 Start: 27635, Stop: 28747, Start Num: 64
Candidate Starts for Cannibal_30:
(Start: 64 @27635 has 272 MA's), (Start: 70 @27653 has 8 MA's), (91, 27704), (143, 27872), (169, 27950), (200, 28040), (207, 28064), (221, 28100), (239, 28157), (242, 28172), (243, 28181), (250, 28208), (251, 28211), (258, 28238), (272, 28301), (280, 28331), (284, 28337), (305, 28421), (307, 28430), (321, 28499), (327, 28535), (329, 28541), (333, 28553), (367, 28643), (375, 28661), (379, 28670), (386, 28688), (398, 28721),

Gene: Carthage_28 Start: 26561, Stop: 27673, Start Num: 64
Candidate Starts for Carthage_28:
(Start: 64 @26561 has 272 MA's), (Start: 70 @26579 has 8 MA's), (91, 26630), (143, 26798), (169, 26876), (200, 26966), (207, 26990), (221, 27026), (239, 27083), (242, 27098), (243, 27107), (250, 27134), (251, 27137), (258, 27164), (272, 27227), (280, 27257), (284, 27263), (305, 27347), (307, 27356), (321, 27425), (327, 27461), (329, 27467), (333, 27479), (367, 27569), (375, 27587), (379, 27596), (386, 27614), (398, 27647),

Gene: Casbah_29 Start: 27425, Stop: 28468, Start Num: 74
Candidate Starts for Casbah_29:
(Start: 43 @27320 has 1 MA's), (51, 27350), (Start: 74 @27425 has 54 MA's), (97, 27473), (117, 27539), (145, 27623), (155, 27647), (161, 27671), (169, 27695), (177, 27716), (237, 27896), (239, 27902), (241, 27914), (258, 27983), (276, 28064), (302, 28151), (305, 28166), (311, 28196), (324, 28259), (342, 28319), (348, 28337), (350, 28343), (352, 28346), (361, 28367), (373, 28397), (375, 28403), (378, 28409), (382, 28418),

Gene: Casend_40 Start: 31178, Stop: 32329, Start Num: 46
Candidate Starts for Casend_40:
(13, 30752), (33, 31082), (Start: 46 @31178 has 91 MA's), (68, 31211), (75, 31232), (Start: 85 @31250 has 10 MA's), (90, 31268), (121, 31388), (128, 31412), (172, 31544), (220, 31682), (254, 31811), (267, 31880), (285, 31934), (315, 32042), (327, 32093), (331, 32105), (374, 32222), (384, 32246), (392, 32279), (394, 32285), (409, 32318),

Gene: Caspiboi_29 Start: 27361, Stop: 28473, Start Num: 64
Candidate Starts for Caspiboi_29:
(Start: 64 @27361 has 272 MA's), (Start: 70 @27379 has 8 MA's), (91, 27430), (113, 27505), (143, 27598), (156, 27631), (169, 27676), (200, 27766), (207, 27790), (221, 27826), (239, 27883), (242, 27898), (243, 27907), (250, 27934), (251, 27937), (258, 27964), (272, 28027), (284, 28063), (305, 28147), (307, 28156), (321, 28225), (327, 28261), (329, 28267), (333, 28279), (367, 28369), (375, 28387), (379, 28396), (386, 28414), (398, 28447),

Gene: Causa_35 Start: 30771, Stop: 31865, Start Num: 76
Candidate Starts for Causa_35:
(18, 30363), (22, 30417), (26, 30486), (28, 30513), (Start: 43 @30663 has 1 MA's), (51, 30693), (Start: 76 @30771 has 10 MA's), (100, 30828), (104, 30837), (120, 30900), (125, 30915), (165, 31032), (181, 31080), (202, 31143), (206, 31155), (207, 31161), (213, 31179), (219, 31197), (247, 31290), (250, 31308), (258, 31338), (270, 31395), (280, 31431), (305, 31518), (342, 31671), (371, 31746), (373, 31752), (375, 31758), (389, 31794), (410, 31845),

Gene: Cepens_23 Start: 26183, Stop: 27220, Start Num: 78

Candidate Starts for Cepens_23:
(Start: 78 @26183 has 61 MA's), (90, 26204), (97, 26231), (109, 26264), (122, 26318), (132, 26336), (136, 26339), (143, 26366), (145, 26372), (155, 26396), (204, 26546), (221, 26594), (239, 26651), (240, 26654), (242, 26666), (245, 26678), (252, 26714), (271, 26792), (272, 26795), (276, 26813), (280, 26825), (282, 26828), (292, 26864), (293, 26870), (305, 26912), (311, 26942), (312, 26954), (325, 27008), (342, 27065), (347, 27080), (354, 27098), (359, 27107), (361, 27113), (364, 27119), (373, 27140), (382, 27161), (390, 27185),

Gene: ChaChing_30 Start: 27588, Stop: 28631, Start Num: 74
Candidate Starts for ChaChing_30:
(Start: 43 @27483 has 1 MA's), (51, 27513), (Start: 74 @27588 has 54 MA's), (97, 27636), (117, 27702), (145, 27786), (155, 27810), (161, 27834), (169, 27858), (177, 27879), (186, 27912), (239, 28065), (241, 28077), (258, 28146), (276, 28227), (302, 28314), (305, 28329), (311, 28359), (324, 28422), (342, 28482), (348, 28500), (350, 28506), (352, 28509), (361, 28530), (373, 28560), (375, 28566), (378, 28572), (382, 28581),

Gene: Chaelin_30 Start: 27349, Stop: 28461, Start Num: 64
Candidate Starts for Chaelin_30:
(Start: 64 @27349 has 272 MA's), (Start: 70 @27367 has 8 MA's), (91, 27418), (143, 27586), (169, 27664), (200, 27754), (207, 27778), (221, 27814), (239, 27871), (242, 27886), (243, 27895), (250, 27922), (251, 27925), (258, 27952), (272, 28015), (280, 28045), (284, 28051), (305, 28135), (307, 28144), (321, 28213), (327, 28249), (329, 28255), (333, 28267), (367, 28357), (375, 28375), (379, 28384), (386, 28402), (398, 28435),

Gene: Chah_31 Start: 27687, Stop: 28781, Start Num: 70
Candidate Starts for Chah_31:
(Start: 64 @27669 has 272 MA's), (Start: 70 @27687 has 8 MA's), (91, 27738), (143, 27906), (169, 27984), (200, 28074), (207, 28098), (221, 28134), (239, 28191), (242, 28206), (243, 28215), (250, 28242), (251, 28245), (258, 28272), (272, 28335), (280, 28365), (284, 28371), (305, 28455), (307, 28464), (321, 28533), (327, 28569), (329, 28575), (333, 28587), (367, 28677), (375, 28695), (379, 28704), (386, 28722), (398, 28755),

Gene: Chalmers_30 Start: 28380, Stop: 29423, Start Num: 74
Candidate Starts for Chalmers_30:
(Start: 43 @28275 has 1 MA's), (51, 28305), (Start: 74 @28380 has 54 MA's), (97, 28428), (117, 28494), (145, 28578), (155, 28602), (169, 28650), (177, 28671), (237, 28851), (239, 28857), (241, 28869), (258, 28938), (276, 29019), (302, 29106), (305, 29121), (311, 29151), (324, 29214), (342, 29274), (348, 29292), (350, 29298), (352, 29301), (361, 29322), (373, 29352), (375, 29358), (378, 29364), (382, 29373),

Gene: Chandler_30 Start: 28353, Stop: 29396, Start Num: 74
Candidate Starts for Chandler_30:
(Start: 43 @28248 has 1 MA's), (51, 28278), (Start: 74 @28353 has 54 MA's), (97, 28401), (117, 28467), (145, 28551), (155, 28575), (161, 28599), (169, 28623), (177, 28644), (186, 28677), (239, 28830), (241, 28842), (258, 28911), (276, 28992), (302, 29079), (305, 29094), (311, 29124), (324, 29187), (342, 29247), (348, 29265), (350, 29271), (352, 29274), (361, 29295), (373, 29325), (375, 29331), (378, 29337), (382, 29346),

Gene: Charles1_30 Start: 27637, Stop: 28749, Start Num: 64
Candidate Starts for Charles1_30:
(Start: 64 @27637 has 272 MA's), (Start: 70 @27655 has 8 MA's), (91, 27706), (143, 27874), (169, 27952), (200, 28042), (207, 28066), (221, 28102), (239, 28159), (242, 28174), (243, 28183), (250, 28210), (251, 28213), (258, 28240), (272, 28303), (280, 28333), (284, 28339), (305, 28423), (307,

28432), (321, 28501), (327, 28537), (329, 28543), (333, 28555), (367, 28645), (375, 28663), (379, 28672), (386, 28690), (398, 28723),

Gene: CharlieGBrown_29 Start: 27226, Stop: 28338, Start Num: 64
Candidate Starts for CharlieGBrown_29:
(Start: 64 @27226 has 272 MA's), (Start: 70 @27244 has 8 MA's), (91, 27295), (113, 27370), (143, 27463), (156, 27496), (169, 27541), (200, 27631), (207, 27655), (221, 27691), (239, 27748), (242, 27763), (243, 27772), (250, 27799), (251, 27802), (258, 27829), (272, 27892), (284, 27928), (305, 28012), (307, 28021), (321, 28090), (327, 28126), (329, 28132), (333, 28144), (367, 28234), (375, 28252), (379, 28261), (386, 28279), (398, 28312),

Gene: CharlottesWeb_26 Start: 24964, Stop: 26004, Start Num: 76
Candidate Starts for CharlottesWeb_26:
(Start: 76 @24964 has 10 MA's), (97, 25012), (122, 25099), (163, 25207), (181, 25258), (186, 25279), (204, 25327), (207, 25339), (216, 25363), (221, 25375), (239, 25432), (241, 25444), (242, 25447), (251, 25486), (254, 25501), (258, 25513), (262, 25528), (280, 25606), (282, 25609), (289, 25627), (290, 25630), (302, 25678), (304, 25684), (305, 25693), (307, 25702), (323, 25783), (333, 25825), (352, 25873), (359, 25888), (371, 25921), (403, 25984), (407, 25993),

Gene: CheetO_30 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for CheetO_30:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (113, 27795), (143, 27888), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Chentzyk_29 Start: 27443, Stop: 28486, Start Num: 74
Candidate Starts for Chentzyk_29:
(Start: 43 @27338 has 1 MA's), (51, 27368), (Start: 74 @27443 has 54 MA's), (97, 27491), (117, 27557), (145, 27641), (155, 27665), (161, 27689), (169, 27713), (177, 27734), (239, 27920), (241, 27932), (258, 28001), (276, 28082), (302, 28169), (305, 28184), (311, 28214), (324, 28277), (342, 28337), (348, 28355), (350, 28361), (352, 28364), (361, 28385), (373, 28415), (375, 28421), (378, 28427), (382, 28436),

Gene: Cher_29 Start: 27374, Stop: 28486, Start Num: 64
Candidate Starts for Cher_29:
(Start: 64 @27374 has 272 MA's), (Start: 70 @27392 has 8 MA's), (91, 27443), (143, 27611), (169, 27689), (200, 27779), (207, 27803), (221, 27839), (239, 27896), (242, 27911), (243, 27920), (250, 27947), (251, 27950), (258, 27977), (272, 28040), (280, 28070), (284, 28076), (305, 28160), (307, 28169), (321, 28238), (327, 28274), (329, 28280), (333, 28292), (367, 28382), (375, 28400), (379, 28409), (386, 28427), (398, 28460),

Gene: Childish_29 Start: 27377, Stop: 28489, Start Num: 64
Candidate Starts for Childish_29:
(Start: 64 @27377 has 272 MA's), (Start: 70 @27395 has 8 MA's), (91, 27446), (143, 27614), (169, 27692), (200, 27782), (207, 27806), (221, 27842), (239, 27899), (242, 27914), (243, 27923), (250, 27950), (251, 27953), (258, 27980), (272, 28043), (280, 28073), (284, 28079), (305, 28163), (307, 28172), (321, 28241), (327, 28277), (329, 28283), (333, 28295), (367, 28385), (375, 28403), (379, 28412), (386, 28430), (398, 28463),

Gene: Chipette_31 Start: 27867, Stop: 28979, Start Num: 64
Candidate Starts for Chipette_31:

(Start: 64 @27867 has 272 MA's), (Start: 70 @27885 has 8 MA's), (91, 27936), (113, 28011), (143, 28104), (156, 28137), (169, 28182), (200, 28272), (207, 28296), (221, 28332), (239, 28389), (242, 28404), (243, 28413), (250, 28440), (251, 28443), (258, 28470), (272, 28533), (280, 28563), (284, 28569), (305, 28653), (307, 28662), (321, 28731), (327, 28767), (329, 28773), (333, 28785), (367, 28875), (375, 28893), (379, 28902), (386, 28920), (398, 28953),

Gene: Chorkpop_30 Start: 27373, Stop: 28485, Start Num: 64
Candidate Starts for Chorkpop_30:
(Start: 64 @27373 has 272 MA's), (Start: 70 @27391 has 8 MA's), (91, 27442), (143, 27610), (169, 27688), (200, 27778), (207, 27802), (221, 27838), (239, 27895), (242, 27910), (243, 27919), (250, 27946), (251, 27949), (258, 27976), (272, 28039), (280, 28069), (284, 28075), (305, 28159), (307, 28168), (321, 28237), (327, 28273), (329, 28279), (333, 28291), (367, 28381), (375, 28399), (379, 28408), (386, 28426), (398, 28459),

Gene: ChrisnMich_26 Start: 26860, Stop: 27936, Start Num: 80
Candidate Starts for ChrisnMich_26:
(Start: 80 @26860 has 30 MA's), (86, 26869), (122, 26998), (138, 27037), (155, 27094), (175, 27157), (186, 27196), (200, 27232), (207, 27256), (221, 27292), (239, 27349), (242, 27364), (245, 27376), (250, 27400), (251, 27403), (258, 27430), (262, 27445), (272, 27493), (277, 27514), (280, 27523), (284, 27529), (305, 27610), (308, 27628), (314, 27670), (317, 27679), (324, 27703), (333, 27742), (341, 27760), (347, 27778), (352, 27790), (375, 27850), (379, 27859),

Gene: Chuni_29 Start: 27667, Stop: 28779, Start Num: 64
Candidate Starts for Chuni_29:
(Start: 64 @27667 has 272 MA's), (Start: 70 @27685 has 8 MA's), (91, 27736), (113, 27811), (143, 27904), (156, 27937), (169, 27982), (200, 28072), (207, 28096), (221, 28132), (239, 28189), (242, 28204), (243, 28213), (250, 28240), (251, 28243), (258, 28270), (272, 28333), (284, 28369), (305, 28453), (307, 28462), (321, 28531), (327, 28567), (329, 28573), (333, 28585), (367, 28675), (375, 28693), (379, 28702), (386, 28720), (398, 28753),

Gene: Chunky_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Chunky_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Chute_29 Start: 27692, Stop: 28804, Start Num: 64
Candidate Starts for Chute_29:
(Start: 64 @27692 has 272 MA's), (Start: 70 @27710 has 8 MA's), (91, 27761), (113, 27836), (143, 27929), (156, 27962), (169, 28007), (200, 28097), (207, 28121), (221, 28157), (239, 28214), (242, 28229), (243, 28238), (250, 28265), (251, 28268), (258, 28295), (272, 28358), (280, 28388), (282, 28391), (284, 28394), (305, 28478), (307, 28487), (321, 28556), (327, 28592), (329, 28598), (333, 28610), (367, 28700), (375, 28718), (379, 28727), (386, 28745), (398, 28778),

Gene: Cinna_34 Start: 27575, Stop: 28801, Start Num: 46
Candidate Starts for Cinna_34:
(12, 27140), (31, 27464), (33, 27479), (Start: 45 @27572 has 5 MA's), (Start: 46 @27575 has 91 MA's), (49, 27581), (86, 27668), (90, 27683), (101, 27725), (128, 27836), (146, 27890), (149, 27902), (172, 27986), (188, 28040), (200, 28073), (202, 28079), (209, 28103), (214, 28121), (238, 28190), (239, 28193), (250, 28244), (269, 28337), (280, 28376), (294, 28418), (326, 28556), (333, 28589), (351, 28643), (356, 28655), (358, 28658), (381, 28718), (384, 28724), (408, 28790),

Gene: Clawz_58 Start: 37249, Stop: 38397, Start Num: 77
Candidate Starts for Clawz_58:
(Start: 77 @37249 has 5 MA's), (92, 37285), (106, 37330), (108, 37336), (156, 37471), (179, 37543), (197, 37600), (200, 37606), (230, 37696), (231, 37702), (240, 37729), (242, 37741), (253, 37792), (259, 37816), (269, 37861), (272, 37870), (277, 37891), (306, 37993), (312, 38032), (333, 38122), (335, 38131), (352, 38182), (361, 38203), (364, 38209), (369, 38230), (372, 38236), (375, 38245), (413, 38383),

Gene: ClearAsMud_41 Start: 27780, Stop: 28979, Start Num: 46
Candidate Starts for ClearAsMud_41:
(Start: 46 @27780 has 91 MA's), (55, 27792), (121, 28008), (128, 28032), (137, 28056), (144, 28080), (172, 28182), (188, 28236), (197, 28263), (200, 28269), (202, 28275), (214, 28311), (238, 28380), (240, 28386), (253, 28449), (326, 28740), (333, 28773), (351, 28827), (358, 28842), (365, 28860), (381, 28902), (384, 28908), (392, 28941), (404, 28968), (405, 28971),

Gene: CloverMinnie_28 Start: 26951, Stop: 28000, Start Num: 78
Candidate Starts for CloverMinnie_28:
(Start: 78 @26951 has 61 MA's), (91, 26975), (117, 27065), (127, 27101), (138, 27119), (145, 27143), (162, 27194), (181, 27248), (198, 27302), (207, 27329), (216, 27353), (233, 27404), (242, 27437), (245, 27449), (252, 27485), (262, 27518), (271, 27563), (272, 27566), (280, 27596), (302, 27668), (304, 27674), (305, 27683), (308, 27701), (341, 27833), (349, 27857), (352, 27863), (403, 27980), (407, 27989),

Gene: Cobra_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Cobra_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (113, 27801), (143, 27894), (156, 27927), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Coffee_31 Start: 29031, Stop: 30080, Start Num: 78
Candidate Starts for Coffee_31:
(15, 28554), (17, 28599), (22, 28674), (28, 28770), (35, 28860), (Start: 43 @28920 has 1 MA's), (51, 28950), (Start: 52 @28953 has 1 MA's), (Start: 78 @29031 has 61 MA's), (97, 29079), (109, 29112), (121, 29163), (122, 29166), (145, 29229), (155, 29253), (193, 29376), (204, 29403), (207, 29415), (221, 29451), (234, 29493), (240, 29511), (245, 29535), (250, 29559), (252, 29571), (262, 29604), (269, 29643), (280, 29682), (294, 29730), (307, 29778), (311, 29799), (312, 29811), (320, 29844), (321, 29847), (333, 29901), (347, 29937), (352, 29949), (359, 29964), (361, 29970), (373, 29997), (375, 30003), (378, 30009), (382, 30018),

Gene: Colbert_30 Start: 27728, Stop: 28822, Start Num: 70
Candidate Starts for Colbert_30:
(Start: 64 @27710 has 272 MA's), (Start: 70 @27728 has 8 MA's), (91, 27779), (143, 27947), (169, 28025), (200, 28115), (207, 28139), (221, 28175), (239, 28232), (242, 28247), (243, 28256), (250, 28283), (251, 28286), (258, 28313), (272, 28376), (280, 28406), (284, 28412), (305, 28496), (307, 28505), (321, 28574), (327, 28610), (329, 28616), (333, 28628), (367, 28718), (375, 28736), (379, 28745), (386, 28763), (398, 28796),

Gene: ColdSoup_59 Start: 37457, Stop: 38605, Start Num: 77
Candidate Starts for ColdSoup_59:

(Start: 77 @37457 has 5 MA's), (106, 37538), (108, 37544), (110, 37553), (179, 37751), (197, 37808), (205, 37829), (214, 37859), (216, 37865), (230, 37904), (231, 37910), (240, 37937), (242, 37949), (245, 37961), (253, 38000), (269, 38069), (272, 38078), (277, 38099), (288, 38129), (297, 38168), (309, 38219), (352, 38390), (353, 38393), (361, 38411), (364, 38417), (369, 38438), (372, 38444), (375, 38453),

Gene: Coldpizza_29 Start: 29474, Stop: 30505, Start Num: 78
Candidate Starts for Coldpizza_29:
(Start: 78 @29474 has 61 MA's), (122, 29609), (145, 29669), (159, 29711), (162, 29720), (186, 29795), (207, 29855), (221, 29891), (237, 29942), (239, 29948), (252, 30011), (262, 30044), (271, 30086), (284, 30125), (304, 30197), (307, 30215), (308, 30224), (324, 30299), (325, 30302), (327, 30320), (341, 30356), (349, 30380), (350, 30383), (352, 30386), (403, 30494), (404, 30497),

Gene: Coletti_30 Start: 27692, Stop: 28804, Start Num: 64
Candidate Starts for Coletti_30:
(Start: 64 @27692 has 272 MA's), (Start: 70 @27710 has 8 MA's), (91, 27761), (113, 27836), (143, 27929), (156, 27962), (169, 28007), (200, 28097), (207, 28121), (221, 28157), (239, 28214), (242, 28229), (243, 28238), (250, 28265), (251, 28268), (258, 28295), (272, 28358), (280, 28388), (282, 28391), (284, 28394), (305, 28478), (307, 28487), (321, 28556), (327, 28592), (329, 28598), (333, 28610), (367, 28700), (375, 28718), (379, 28727), (386, 28745), (398, 28778),

Gene: Compostia_31 Start: 28003, Stop: 29046, Start Num: 74
Candidate Starts for Compostia_31:
(Start: 43 @27898 has 1 MA's), (51, 27928), (Start: 74 @28003 has 54 MA's), (97, 28051), (117, 28117), (145, 28201), (155, 28225), (169, 28273), (177, 28294), (237, 28474), (239, 28480), (241, 28492), (258, 28561), (276, 28642), (302, 28729), (305, 28744), (311, 28774), (324, 28837), (342, 28897), (348, 28915), (350, 28921), (352, 28924), (361, 28945), (373, 28975), (375, 28981), (378, 28987), (382, 28996),

Gene: Cooper_27 Start: 27082, Stop: 28158, Start Num: 80
Candidate Starts for Cooper_27:
(Start: 80 @27082 has 30 MA's), (122, 27220), (138, 27259), (145, 27283), (155, 27316), (175, 27379), (200, 27454), (207, 27478), (219, 27511), (239, 27571), (245, 27598), (250, 27622), (251, 27625), (277, 27736), (280, 27745), (284, 27751), (305, 27832), (308, 27850), (314, 27892), (324, 27925), (327, 27946), (333, 27964), (341, 27982), (347, 28000), (352, 28012), (353, 28015), (371, 28060), (375, 28072), (379, 28081),

Gene: Cornbread_29 Start: 27373, Stop: 28485, Start Num: 64
Candidate Starts for Cornbread_29:
(Start: 64 @27373 has 272 MA's), (Start: 70 @27391 has 8 MA's), (91, 27442), (113, 27517), (143, 27610), (156, 27643), (169, 27688), (200, 27778), (207, 27802), (221, 27838), (239, 27895), (242, 27910), (243, 27919), (250, 27946), (251, 27949), (258, 27976), (272, 28039), (284, 28075), (305, 28159), (307, 28168), (321, 28237), (327, 28273), (329, 28279), (333, 28291), (367, 28381), (375, 28399), (379, 28408), (386, 28426), (398, 28459),

Gene: Cornobble_29 Start: 27209, Stop: 28321, Start Num: 64
Candidate Starts for Cornobble_29:
(Start: 64 @27209 has 272 MA's), (Start: 70 @27227 has 8 MA's), (91, 27278), (143, 27446), (169, 27524), (200, 27614), (207, 27638), (221, 27674), (239, 27731), (242, 27746), (243, 27755), (250, 27782), (251, 27785), (258, 27812), (272, 27875), (280, 27905), (284, 27911), (305, 27995), (307, 28004), (321, 28073), (327, 28109), (329, 28115), (333, 28127), (367, 28217), (375, 28235), (379, 28244), (386, 28262), (398, 28295),

Gene: Corofin_30 Start: 27598, Stop: 28641, Start Num: 74
Candidate Starts for Corofin_30:
(Start: 43 @27493 has 1 MA's), (51, 27523), (Start: 74 @27598 has 54 MA's), (97, 27646), (117, 27712), (145, 27796), (155, 27820), (161, 27844), (169, 27868), (177, 27889), (186, 27922), (239, 28075), (241, 28087), (258, 28156), (276, 28237), (302, 28324), (305, 28339), (311, 28369), (324, 28432), (342, 28492), (348, 28510), (350, 28516), (352, 28519), (361, 28540), (373, 28570), (375, 28576), (378, 28582), (382, 28591),

Gene: Cosmolli16_29 Start: 27371, Stop: 28483, Start Num: 64
Candidate Starts for Cosmolli16_29:
(Start: 64 @27371 has 272 MA's), (Start: 70 @27389 has 8 MA's), (91, 27440), (143, 27608), (169, 27686), (200, 27776), (207, 27800), (221, 27836), (239, 27893), (242, 27908), (243, 27917), (250, 27944), (251, 27947), (258, 27974), (272, 28037), (280, 28067), (284, 28073), (305, 28157), (307, 28166), (321, 28235), (327, 28271), (329, 28277), (333, 28289), (367, 28379), (375, 28397), (379, 28406), (386, 28424), (398, 28457),

Gene: Craff_30 Start: 27655, Stop: 28767, Start Num: 64
Candidate Starts for Craff_30:
(Start: 64 @27655 has 272 MA's), (Start: 70 @27673 has 8 MA's), (91, 27724), (143, 27892), (169, 27970), (200, 28060), (207, 28084), (221, 28120), (239, 28177), (242, 28192), (243, 28201), (250, 28228), (251, 28231), (258, 28258), (272, 28321), (280, 28351), (284, 28357), (305, 28441), (307, 28450), (321, 28519), (327, 28555), (329, 28561), (333, 28573), (367, 28663), (375, 28681), (379, 28690), (386, 28708), (398, 28741),

Gene: Cranjis_40 Start: 27815, Stop: 29017, Start Num: 46
Candidate Starts for Cranjis_40:
(Start: 46 @27815 has 91 MA's), (63, 27851), (Start: 85 @27908 has 10 MA's), (121, 28043), (128, 28067), (137, 28091), (144, 28115), (166, 28196), (172, 28217), (188, 28271), (197, 28298), (200, 28304), (202, 28310), (209, 28328), (214, 28346), (238, 28415), (240, 28421), (253, 28484), (265, 28529), (280, 28601), (295, 28640), (326, 28775), (327, 28790), (333, 28808), (351, 28862), (358, 28877), (365, 28895), (384, 28943), (392, 28976), (404, 29003), (408, 29009),

Gene: CrazyRich_38 Start: 27624, Stop: 28826, Start Num: 46
Candidate Starts for CrazyRich_38:
(Start: 46 @27624 has 91 MA's), (63, 27660), (Start: 85 @27717 has 10 MA's), (121, 27852), (128, 27876), (137, 27900), (144, 27924), (166, 28005), (172, 28026), (188, 28080), (197, 28107), (200, 28113), (202, 28119), (209, 28137), (214, 28155), (238, 28224), (240, 28230), (253, 28293), (265, 28338), (295, 28449), (326, 28584), (327, 28599), (333, 28617), (351, 28671), (358, 28686), (365, 28704), (384, 28752), (392, 28785), (404, 28812), (408, 28818),

Gene: Cressida_36 Start: 27050, Stop: 28252, Start Num: 46
Candidate Starts for Cressida_36:
(21, 26789), (31, 26939), (33, 26954), (Start: 45 @27047 has 5 MA's), (Start: 46 @27050 has 91 MA's), (Start: 79 @27125 has 1 MA's), (86, 27137), (112, 27233), (128, 27293), (144, 27341), (150, 27362), (166, 27422), (172, 27443), (178, 27461), (188, 27497), (190, 27500), (202, 27536), (238, 27641), (251, 27698), (269, 27788), (278, 27818), (280, 27827), (294, 27869), (326, 28007), (327, 28022), (331, 28034), (358, 28109), (360, 28115), (381, 28169), (384, 28175), (408, 28241),

Gene: Crisis_40 Start: 27615, Stop: 28817, Start Num: 46
Candidate Starts for Crisis_40:
(Start: 46 @27615 has 91 MA's), (63, 27651), (Start: 85 @27708 has 10 MA's), (121, 27843), (128, 27867), (137, 27891), (144, 27915), (166, 27996), (172, 28017), (188, 28071), (197, 28098), (200, 28104), (202, 28110), (209, 28128), (214, 28146), (238, 28215), (240, 28221), (253, 28284), (265,

28329), (295, 28440), (326, 28575), (327, 28590), (333, 28608), (351, 28662), (358, 28677), (365, 28695), (384, 28743), (392, 28776), (404, 28803), (408, 28809),

Gene: Crownjwl_30 Start: 27424, Stop: 28536, Start Num: 64
Candidate Starts for Crownjwl_30:
(Start: 64 @27424 has 272 MA's), (Start: 70 @27442 has 8 MA's), (91, 27493), (143, 27661), (169, 27739), (200, 27829), (207, 27853), (221, 27889), (239, 27946), (242, 27961), (243, 27970), (250, 27997), (251, 28000), (258, 28027), (272, 28090), (280, 28120), (284, 28126), (305, 28210), (307, 28219), (321, 28288), (327, 28324), (329, 28330), (333, 28342), (367, 28432), (375, 28450), (379, 28459), (386, 28477), (398, 28510),

Gene: D12_23 Start: 26197, Stop: 27234, Start Num: 78
Candidate Starts for D12_23:
(Start: 78 @26197 has 61 MA's), (90, 26218), (91, 26221), (97, 26245), (109, 26278), (122, 26332), (132, 26350), (136, 26353), (143, 26380), (155, 26410), (204, 26560), (221, 26608), (239, 26665), (240, 26668), (242, 26680), (245, 26692), (252, 26728), (258, 26746), (271, 26806), (272, 26809), (276, 26827), (280, 26839), (282, 26842), (292, 26878), (293, 26884), (305, 26926), (312, 26968), (325, 27022), (342, 27079), (347, 27094), (354, 27112), (359, 27121), (361, 27127), (364, 27133), (373, 27154), (375, 27160), (382, 27175), (389, 27196), (390, 27199),

Gene: DaddyDaniels_30 Start: 27346, Stop: 28458, Start Num: 64
Candidate Starts for DaddyDaniels_30:
(Start: 64 @27346 has 272 MA's), (Start: 70 @27364 has 8 MA's), (91, 27415), (113, 27490), (143, 27583), (156, 27616), (169, 27661), (200, 27751), (207, 27775), (221, 27811), (239, 27868), (242, 27883), (243, 27892), (250, 27919), (251, 27922), (258, 27949), (272, 28012), (280, 28042), (282, 28045), (284, 28048), (305, 28132), (307, 28141), (321, 28210), (327, 28246), (329, 28252), (333, 28264), (367, 28354), (375, 28372), (379, 28381), (386, 28399), (398, 28432),

Gene: Daffy_30 Start: 27377, Stop: 28489, Start Num: 64
Candidate Starts for Daffy_30:
(Start: 64 @27377 has 272 MA's), (Start: 70 @27395 has 8 MA's), (91, 27446), (143, 27614), (169, 27692), (200, 27782), (207, 27806), (221, 27842), (239, 27899), (242, 27914), (243, 27923), (250, 27950), (251, 27953), (258, 27980), (272, 28043), (280, 28073), (284, 28079), (305, 28163), (307, 28172), (321, 28241), (327, 28277), (329, 28283), (333, 28295), (367, 28385), (375, 28403), (379, 28412), (386, 28430), (398, 28463),

Gene: Daisy_30 Start: 27600, Stop: 28643, Start Num: 74
Candidate Starts for Daisy_30:
(Start: 43 @27495 has 1 MA's), (51, 27525), (Start: 74 @27600 has 54 MA's), (97, 27648), (117, 27714), (145, 27798), (155, 27822), (169, 27870), (177, 27891), (237, 28071), (239, 28077), (241, 28089), (258, 28158), (276, 28239), (302, 28326), (305, 28341), (311, 28371), (324, 28434), (342, 28494), (348, 28512), (350, 28518), (352, 28521), (361, 28542), (373, 28572), (375, 28578), (378, 28584), (382, 28593),

Gene: Daka_30 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for Daka_30:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (113, 27795), (143, 27888), (156, 27921), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Dati_30 Start: 27371, Stop: 28483, Start Num: 64

Candidate Starts for Dati_30:
(Start: 64 @27371 has 272 MA's), (Start: 70 @27389 has 8 MA's), (91, 27440), (143, 27608), (169, 27686), (200, 27776), (207, 27800), (221, 27836), (239, 27893), (242, 27908), (243, 27917), (250, 27944), (251, 27947), (258, 27974), (272, 28037), (280, 28067), (284, 28073), (305, 28157), (307, 28166), (321, 28235), (327, 28271), (329, 28277), (333, 28289), (367, 28379), (375, 28397), (379, 28406), (386, 28424), (398, 28457),

Gene: Deenasa_30 Start: 28336, Stop: 29379, Start Num: 74
Candidate Starts for Deenasa_30:
(Start: 43 @28231 has 1 MA's), (51, 28261), (Start: 74 @28336 has 54 MA's), (97, 28384), (117, 28450), (145, 28534), (155, 28558), (161, 28582), (169, 28606), (177, 28627), (186, 28660), (239, 28813), (241, 28825), (258, 28894), (276, 28975), (302, 29062), (305, 29077), (311, 29107), (324, 29170), (342, 29230), (348, 29248), (350, 29254), (352, 29257), (361, 29278), (373, 29308), (375, 29314), (378, 29320), (382, 29329),

Gene: DelRivs_29 Start: 27372, Stop: 28484, Start Num: 64
Candidate Starts for DelRivs_29:
(Start: 64 @27372 has 272 MA's), (Start: 70 @27390 has 8 MA's), (91, 27441), (113, 27516), (143, 27609), (156, 27642), (169, 27687), (200, 27777), (207, 27801), (221, 27837), (239, 27894), (242, 27909), (243, 27918), (250, 27945), (251, 27948), (258, 27975), (272, 28038), (284, 28074), (305, 28158), (307, 28167), (321, 28236), (327, 28272), (329, 28278), (333, 28290), (367, 28380), (375, 28398), (379, 28407), (386, 28425), (398, 28458),

Gene: Derpp_29 Start: 27216, Stop: 28328, Start Num: 64
Candidate Starts for Derpp_29:
(Start: 64 @27216 has 272 MA's), (Start: 70 @27234 has 8 MA's), (91, 27285), (113, 27360), (143, 27453), (156, 27486), (169, 27531), (200, 27621), (207, 27645), (221, 27681), (239, 27738), (242, 27753), (243, 27762), (250, 27789), (251, 27792), (258, 27819), (272, 27882), (284, 27918), (305, 28002), (307, 28011), (321, 28080), (327, 28116), (329, 28122), (333, 28134), (367, 28224), (375, 28242), (379, 28251), (386, 28269), (398, 28302),

Gene: Devonte_30 Start: 27564, Stop: 28607, Start Num: 74
Candidate Starts for Devonte_30:
(Start: 43 @27459 has 1 MA's), (51, 27489), (Start: 74 @27564 has 54 MA's), (97, 27612), (117, 27678), (145, 27762), (155, 27786), (161, 27810), (169, 27834), (177, 27855), (186, 27888), (239, 28041), (241, 28053), (258, 28122), (276, 28203), (302, 28290), (305, 28305), (311, 28335), (324, 28398), (342, 28458), (348, 28476), (350, 28482), (352, 28485), (361, 28506), (373, 28536), (375, 28542), (378, 28548), (382, 28557),

Gene: Dewdrop_79 Start: 50740, Stop: 51936, Start Num: 46
Candidate Starts for Dewdrop_79:
(31, 50629), (Start: 46 @50740 has 91 MA's), (54, 50746), (67, 50785), (68, 50788), (90, 50845), (99, 50878), (112, 50929), (118, 50950), (135, 51004), (137, 51013), (143, 51034), (146, 51043), (147, 51046), (168, 51115), (172, 51127), (176, 51139), (188, 51181), (202, 51220), (214, 51256), (220, 51274), (238, 51325), (298, 51568), (307, 51604), (330, 51718), (331, 51721), (333, 51727), (348, 51772), (351, 51781), (355, 51790), (358, 51796), (370, 51829), (384, 51862), (392, 51895), (402, 51919), (408, 51928),

Gene: Dice_29 Start: 27351, Stop: 28463, Start Num: 64
Candidate Starts for Dice_29:
(Start: 64 @27351 has 272 MA's), (Start: 70 @27369 has 8 MA's), (91, 27420), (143, 27588), (169, 27666), (200, 27756), (207, 27780), (221, 27816), (239, 27873), (242, 27888), (243, 27897), (250, 27924), (251, 27927), (258, 27954), (272, 28017), (280, 28047), (284, 28053), (305, 28137), (307,

28146), (321, 28215), (327, 28251), (329, 28257), (333, 28269), (367, 28359), (375, 28377), (379, 28386), (386, 28404), (398, 28437),

Gene: DigitDog_29 Start: 27487, Stop: 28572, Start Num: 72
Candidate Starts for DigitDog_29:
(Start: 72 @27487 has 10 MA's), (143, 27694), (145, 27700), (154, 27721), (155, 27724), (159, 27742), (169, 27772), (207, 27886), (239, 27979), (251, 28033), (264, 28081), (276, 28141), (280, 28153), (284, 28159), (286, 28165), (291, 28180), (293, 28198), (314, 28300), (321, 28318), (332, 28369), (347, 28408), (352, 28420), (359, 28435), (375, 28480), (379, 28489),

Gene: Dingo_30 Start: 27634, Stop: 28746, Start Num: 64
Candidate Starts for Dingo_30:
(Start: 64 @27634 has 272 MA's), (Start: 70 @27652 has 8 MA's), (91, 27703), (143, 27871), (169, 27949), (200, 28039), (207, 28063), (221, 28099), (239, 28156), (242, 28171), (243, 28180), (250, 28207), (251, 28210), (258, 28237), (272, 28300), (280, 28330), (284, 28336), (305, 28420), (307, 28429), (321, 28498), (327, 28534), (329, 28540), (333, 28552), (367, 28642), (375, 28660), (379, 28669), (386, 28687), (398, 28720),

Gene: Dione_29 Start: 27356, Stop: 28468, Start Num: 64
Candidate Starts for Dione_29:
(Start: 64 @27356 has 272 MA's), (Start: 70 @27374 has 8 MA's), (91, 27425), (143, 27593), (169, 27671), (200, 27761), (207, 27785), (221, 27821), (239, 27878), (242, 27893), (243, 27902), (250, 27929), (251, 27932), (258, 27959), (272, 28022), (280, 28052), (284, 28058), (305, 28142), (307, 28151), (321, 28220), (327, 28256), (329, 28262), (333, 28274), (367, 28364), (375, 28382), (379, 28391), (386, 28409), (398, 28442),

Gene: DirtJuice_30 Start: 27640, Stop: 28752, Start Num: 64
Candidate Starts for DirtJuice_30:
(Start: 64 @27640 has 272 MA's), (Start: 70 @27658 has 8 MA's), (91, 27709), (143, 27877), (169, 27955), (200, 28045), (207, 28069), (239, 28162), (242, 28177), (243, 28186), (250, 28213), (251, 28216), (258, 28243), (272, 28306), (280, 28336), (284, 28342), (305, 28426), (307, 28435), (321, 28504), (327, 28540), (329, 28546), (333, 28558), (367, 28648), (375, 28666), (379, 28675), (386, 28693), (398, 28726),

Gene: Doddsville_30 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Doddsville_30:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (113, 27514), (143, 27607), (156, 27640), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (282, 28069), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: DoesntMatter_30 Start: 27636, Stop: 28748, Start Num: 64
Candidate Starts for DoesntMatter_30:
(Start: 64 @27636 has 272 MA's), (Start: 70 @27654 has 8 MA's), (91, 27705), (143, 27873), (169, 27951), (200, 28041), (207, 28065), (221, 28101), (239, 28158), (242, 28173), (243, 28182), (250, 28209), (251, 28212), (258, 28239), (272, 28302), (280, 28332), (284, 28338), (305, 28422), (307, 28431), (321, 28500), (327, 28536), (329, 28542), (333, 28554), (367, 28644), (375, 28662), (379, 28671), (386, 28689), (398, 28722),

Gene: DogYard_38 Start: 27524, Stop: 28657, Start Num: 60
Candidate Starts for DogYard_38:

(Start: 60 @27524 has 18 MA's), (83, 27590), (90, 27611), (103, 27659), (112, 27689), (115, 27698), (121, 27725), (150, 27818), (156, 27842), (183, 27884), (187, 27896), (192, 27908), (218, 27968), (240, 28046), (251, 28100), (257, 28127), (273, 28205), (280, 28229), (304, 28298), (329, 28412), (330, 28415), (333, 28424), (351, 28478), (358, 28493), (360, 28499), (363, 28505), (365, 28511), (374, 28535), (381, 28553), (406, 28628),

Gene: DolOn_31 Start: 27880, Stop: 28992, Start Num: 64
Candidate Starts for DolOn_31:
(Start: 64 @27880 has 272 MA's), (Start: 70 @27898 has 8 MA's), (91, 27949), (143, 28117), (169, 28195), (200, 28285), (207, 28309), (221, 28345), (239, 28402), (242, 28417), (243, 28426), (250, 28453), (251, 28456), (258, 28483), (272, 28546), (280, 28576), (284, 28582), (305, 28666), (307, 28675), (321, 28744), (327, 28780), (329, 28786), (333, 28798), (367, 28888), (375, 28906), (379, 28915), (386, 28933), (398, 28966),

Gene: DonSanchon_29 Start: 27350, Stop: 28462, Start Num: 64
Candidate Starts for DonSanchon_29:
(Start: 64 @27350 has 272 MA's), (Start: 70 @27368 has 8 MA's), (91, 27419), (143, 27587), (169, 27665), (200, 27755), (207, 27779), (221, 27815), (239, 27872), (242, 27887), (243, 27896), (250, 27923), (251, 27926), (258, 27953), (272, 28016), (280, 28046), (284, 28052), (305, 28136), (307, 28145), (321, 28214), (327, 28250), (329, 28256), (333, 28268), (367, 28358), (375, 28376), (379, 28385), (386, 28403), (398, 28436),

Gene: DonTron_58 Start: 37498, Stop: 38646, Start Num: 77
Candidate Starts for DonTron_58:
(Start: 77 @37498 has 5 MA's), (92, 37534), (106, 37579), (108, 37585), (110, 37594), (179, 37792), (197, 37849), (205, 37870), (214, 37900), (230, 37945), (231, 37951), (240, 37978), (242, 37990), (245, 38002), (253, 38041), (269, 38110), (272, 38119), (277, 38140), (288, 38170), (297, 38209), (309, 38260), (337, 38386), (352, 38431), (361, 38452), (364, 38458), (369, 38479), (372, 38485), (375, 38494),

Gene: DonaldDuck_38 Start: 30527, Stop: 31678, Start Num: 46
Candidate Starts for DonaldDuck_38:
(5, 29951), (13, 30101), (33, 30431), (Start: 46 @30527 has 91 MA's), (68, 30560), (75, 30581), (Start: 85 @30599 has 10 MA's), (90, 30617), (121, 30737), (128, 30761), (172, 30893), (220, 31031), (254, 31160), (267, 31229), (285, 31283), (315, 31391), (327, 31442), (331, 31454), (374, 31571), (384, 31595), (392, 31628), (409, 31667),

Gene: Donny_29 Start: 27898, Stop: 28986, Start Num: 72
Candidate Starts for Donny_29:
(Start: 72 @27898 has 10 MA's), (134, 28078), (143, 28108), (145, 28114), (159, 28156), (169, 28186), (207, 28300), (239, 28393), (251, 28447), (264, 28495), (276, 28555), (280, 28567), (284, 28573), (286, 28579), (292, 28606), (314, 28714), (324, 28747), (352, 28834), (375, 28894), (379, 28903), (380, 28906),

Gene: Dori_26 Start: 24544, Stop: 25590, Start Num: 74
Candidate Starts for Dori_26:
(27, 24271), (Start: 43 @24439 has 1 MA's), (51, 24469), (Start: 74 @24544 has 54 MA's), (Start: 78 @24550 has 61 MA's), (110, 24637), (117, 24664), (121, 24682), (122, 24685), (145, 24748), (169, 24820), (172, 24826), (177, 24841), (239, 25027), (241, 25039), (248, 25066), (271, 25168), (292, 25240), (293, 25246), (305, 25288), (307, 25297), (311, 25318), (321, 25366), (324, 25381), (328, 25405), (338, 25429), (348, 25459), (352, 25468), (359, 25483), (375, 25522), (382, 25537),

Gene: DuchessDung_28 Start: 26507, Stop: 27619, Start Num: 64

Candidate Starts for DuchessDung_28:
(Start: 64 @26507 has 272 MA's), (Start: 70 @26525 has 8 MA's), (91, 26576), (113, 26651), (143, 26744), (156, 26777), (169, 26822), (200, 26912), (207, 26936), (221, 26972), (239, 27029), (242, 27044), (243, 27053), (250, 27080), (251, 27083), (258, 27110), (272, 27173), (284, 27209), (305, 27293), (307, 27302), (321, 27371), (327, 27407), (329, 27413), (333, 27425), (367, 27515), (375, 27533), (379, 27542), (386, 27560), (398, 27593),

Gene: Duggie_29 Start: 27372, Stop: 28484, Start Num: 64
Candidate Starts for Duggie_29:
(Start: 64 @27372 has 272 MA's), (Start: 70 @27390 has 8 MA's), (91, 27441), (113, 27516), (143, 27609), (156, 27642), (169, 27687), (200, 27777), (207, 27801), (221, 27837), (239, 27894), (242, 27909), (243, 27918), (250, 27945), (251, 27948), (258, 27975), (272, 28038), (280, 28068), (282, 28071), (284, 28074), (305, 28158), (307, 28167), (321, 28236), (327, 28272), (329, 28278), (333, 28290), (367, 28380), (375, 28398), (379, 28407), (386, 28425), (398, 28458),

Gene: Durga_30 Start: 27669, Stop: 28781, Start Num: 64
Candidate Starts for Durga_30:
(Start: 64 @27669 has 272 MA's), (Start: 70 @27687 has 8 MA's), (91, 27738), (113, 27813), (143, 27906), (156, 27939), (169, 27984), (200, 28074), (207, 28098), (221, 28134), (239, 28191), (242, 28206), (243, 28215), (250, 28242), (251, 28245), (258, 28272), (272, 28335), (284, 28371), (305, 28455), (307, 28464), (321, 28533), (327, 28569), (329, 28575), (333, 28587), (367, 28677), (375, 28695), (379, 28704), (386, 28722), (398, 28755),

Gene: Eaglehorse_31 Start: 28955, Stop: 30004, Start Num: 78
Candidate Starts for Eaglehorse_31:
(15, 28478), (17, 28523), (22, 28598), (28, 28694), (35, 28784), (Start: 43 @28844 has 1 MA's), (51, 28874), (Start: 52 @28877 has 1 MA's), (Start: 78 @28955 has 61 MA's), (97, 29003), (109, 29036), (121, 29087), (122, 29090), (145, 29153), (155, 29177), (193, 29300), (204, 29327), (207, 29339), (221, 29375), (234, 29417), (240, 29435), (245, 29459), (250, 29483), (252, 29495), (262, 29528), (269, 29567), (280, 29606), (294, 29654), (307, 29702), (311, 29723), (312, 29735), (320, 29768), (321, 29771), (333, 29825), (347, 29861), (352, 29873), (359, 29888), (361, 29894), (373, 29921), (375, 29927), (378, 29933), (382, 29942),

Gene: EarickHC_39 Start: 27541, Stop: 28743, Start Num: 46
Candidate Starts for EarickHC_39:
(Start: 46 @27541 has 91 MA's), (63, 27577), (Start: 85 @27634 has 10 MA's), (121, 27769), (128, 27793), (137, 27817), (144, 27841), (166, 27922), (172, 27943), (188, 27997), (197, 28024), (200, 28030), (202, 28036), (209, 28054), (214, 28072), (238, 28141), (240, 28147), (253, 28210), (265, 28255), (295, 28366), (304, 28393), (326, 28501), (327, 28516), (333, 28534), (351, 28588), (358, 28603), (365, 28621), (381, 28663), (384, 28669), (392, 28702), (404, 28729), (408, 28735),

Gene: EastView9101_28 Start: 27548, Stop: 28636, Start Num: 72
Candidate Starts for EastView9101_28:
(Start: 72 @27548 has 10 MA's), (134, 27728), (143, 27758), (145, 27764), (159, 27806), (169, 27836), (207, 27950), (239, 28043), (251, 28097), (264, 28145), (276, 28205), (280, 28217), (284, 28223), (286, 28229), (292, 28256), (314, 28364), (324, 28397), (352, 28484), (375, 28544), (379, 28553), (380, 28556),

Gene: ElvisPhasley_30 Start: 27688, Stop: 28800, Start Num: 64
Candidate Starts for ElvisPhasley_30:
(Start: 64 @27688 has 272 MA's), (Start: 70 @27706 has 8 MA's), (91, 27757), (113, 27832), (143, 27925), (156, 27958), (169, 28003), (200, 28093), (207, 28117), (221, 28153), (239, 28210), (242, 28225), (243, 28234), (250, 28261), (251, 28264), (258, 28291), (272, 28354), (280, 28384), (282,

28387), (284, 28390), (305, 28474), (307, 28483), (321, 28552), (327, 28588), (329, 28594), (333, 28606), (367, 28696), (375, 28714), (379, 28723), (386, 28741), (398, 28774),

Gene: Emiris_30 Start: 27640, Stop: 28752, Start Num: 64
Candidate Starts for Emiris_30:
(Start: 64 @27640 has 272 MA's), (Start: 70 @27658 has 8 MA's), (91, 27709), (113, 27784), (143, 27877), (156, 27910), (169, 27955), (200, 28045), (207, 28069), (221, 28105), (239, 28162), (242, 28177), (243, 28186), (250, 28213), (251, 28216), (258, 28243), (272, 28306), (280, 28336), (284, 28342), (305, 28426), (307, 28435), (321, 28504), (327, 28540), (329, 28546), (333, 28558), (367, 28648), (375, 28666), (379, 28675), (386, 28693), (398, 28726),

Gene: EmpTee_30 Start: 27650, Stop: 28762, Start Num: 64
Candidate Starts for EmpTee_30:
(Start: 64 @27650 has 272 MA's), (Start: 70 @27668 has 8 MA's), (91, 27719), (143, 27887), (169, 27965), (200, 28055), (207, 28079), (221, 28115), (239, 28172), (242, 28187), (243, 28196), (250, 28223), (251, 28226), (258, 28253), (272, 28316), (280, 28346), (284, 28352), (305, 28436), (307, 28445), (321, 28514), (327, 28550), (329, 28556), (333, 28568), (367, 28658), (375, 28676), (379, 28685), (386, 28703), (398, 28736),

Gene: Epah_26 Start: 26868, Stop: 27944, Start Num: 80
Candidate Starts for Epah_26:
(Start: 80 @26868 has 30 MA's), (86, 26877), (138, 27045), (155, 27102), (175, 27165), (186, 27204), (200, 27240), (207, 27264), (221, 27300), (239, 27357), (242, 27372), (245, 27384), (250, 27408), (251, 27411), (262, 27453), (272, 27501), (277, 27522), (280, 27531), (284, 27537), (305, 27618), (308, 27636), (314, 27678), (317, 27687), (324, 27711), (333, 27750), (341, 27768), (347, 27786), (352, 27798), (375, 27858), (379, 27867),

Gene: Eremos_30 Start: 27649, Stop: 28761, Start Num: 64
Candidate Starts for Eremos_30:
(Start: 64 @27649 has 272 MA's), (Start: 70 @27667 has 8 MA's), (91, 27718), (143, 27886), (169, 27964), (200, 28054), (207, 28078), (221, 28114), (239, 28171), (242, 28186), (243, 28195), (250, 28222), (251, 28225), (258, 28252), (272, 28315), (280, 28345), (284, 28351), (305, 28435), (307, 28444), (321, 28513), (327, 28549), (329, 28555), (333, 28567), (367, 28657), (375, 28675), (379, 28684), (386, 28702), (398, 28735),

Gene: Etaye_30 Start: 27639, Stop: 28751, Start Num: 64
Candidate Starts for Etaye_30:
(Start: 64 @27639 has 272 MA's), (Start: 70 @27657 has 8 MA's), (91, 27708), (113, 27783), (143, 27876), (156, 27909), (169, 27954), (200, 28044), (207, 28068), (221, 28104), (239, 28161), (242, 28176), (243, 28185), (250, 28212), (251, 28215), (258, 28242), (272, 28305), (280, 28335), (284, 28341), (305, 28425), (307, 28434), (321, 28503), (327, 28539), (329, 28545), (333, 28557), (367, 28647), (375, 28665), (379, 28674), (386, 28692), (398, 28725),

Gene: Eugenia_30 Start: 27659, Stop: 28771, Start Num: 64
Candidate Starts for Eugenia_30:
(Start: 64 @27659 has 272 MA's), (Start: 70 @27677 has 8 MA's), (91, 27728), (143, 27896), (169, 27974), (200, 28064), (207, 28088), (221, 28124), (239, 28181), (242, 28196), (243, 28205), (250, 28232), (251, 28235), (258, 28262), (272, 28325), (280, 28355), (284, 28361), (305, 28445), (307, 28454), (321, 28523), (327, 28559), (329, 28565), (333, 28577), (367, 28667), (375, 28685), (379, 28694), (386, 28712), (398, 28745),

Gene: Evaa_27 Start: 26530, Stop: 27573, Start Num: 78
Candidate Starts for Evaa_27:

(Start: 78 @26530 has 61 MA's), (110, 26617), (122, 26665), (159, 26767), (184, 26845), (207, 26911), (239, 27004), (250, 27055), (251, 27058), (258, 27085), (266, 27127), (271, 27142), (307, 27271), (321, 27340), (327, 27376), (349, 27436), (352, 27442), (361, 27463), (367, 27484), (403, 27553), (407, 27562),

Gene: EverythinBagel_38 Start: 30915, Stop: 32066, Start Num: 46
Candidate Starts for EverythinBagel_38:
(5, 30339), (13, 30489), (33, 30819), (Start: 46 @30915 has 91 MA's), (68, 30948), (75, 30969), (Start: 85 @30987 has 10 MA's), (90, 31005), (121, 31125), (128, 31149), (172, 31281), (220, 31419), (254, 31548), (267, 31617), (285, 31671), (315, 31779), (327, 31830), (331, 31842), (374, 31959), (384, 31983), (392, 32016), (394, 32022), (409, 32055),

Gene: Fanaw_26 Start: 27563, Stop: 28639, Start Num: 80
Candidate Starts for Fanaw_26:
(Start: 80 @27563 has 30 MA's), (86, 27572), (122, 27701), (138, 27740), (155, 27797), (175, 27860), (186, 27899), (200, 27935), (207, 27959), (221, 27995), (239, 28052), (242, 28067), (245, 28079), (250, 28103), (251, 28106), (258, 28133), (262, 28148), (272, 28196), (277, 28217), (280, 28226), (284, 28232), (305, 28313), (308, 28331), (314, 28373), (317, 28382), (321, 28391), (324, 28406), (333, 28445), (341, 28463), (347, 28481), (352, 28493), (375, 28553), (379, 28562),

Gene: Fang_30 Start: 27681, Stop: 28775, Start Num: 70
Candidate Starts for Fang_30:
(Start: 64 @27663 has 272 MA's), (Start: 70 @27681 has 8 MA's), (91, 27732), (143, 27900), (169, 27978), (200, 28068), (207, 28092), (221, 28128), (239, 28185), (242, 28200), (243, 28209), (250, 28236), (251, 28239), (258, 28266), (272, 28329), (280, 28359), (284, 28365), (305, 28449), (307, 28458), (321, 28527), (327, 28563), (329, 28569), (333, 28581), (367, 28671), (375, 28689), (379, 28698), (386, 28716), (398, 28749),

Gene: Faze9_31 Start: 29051, Stop: 30100, Start Num: 78
Candidate Starts for Faze9_31:
(15, 28574), (17, 28619), (22, 28694), (28, 28790), (35, 28880), (Start: 43 @28940 has 1 MA's), (51, 28970), (Start: 52 @28973 has 1 MA's), (Start: 78 @29051 has 61 MA's), (97, 29099), (109, 29132), (121, 29183), (122, 29186), (145, 29249), (155, 29273), (193, 29396), (204, 29423), (207, 29435), (221, 29471), (234, 29513), (240, 29531), (245, 29555), (250, 29579), (252, 29591), (262, 29624), (269, 29663), (280, 29702), (294, 29750), (307, 29798), (311, 29819), (312, 29831), (319, 29861), (320, 29864), (321, 29867), (333, 29921), (347, 29957), (352, 29969), (359, 29984), (361, 29990), (373, 30017), (375, 30023), (378, 30029), (382, 30038),

Gene: FelixTres_28 Start: 27014, Stop: 28063, Start Num: 78
Candidate Starts for FelixTres_28:
(Start: 78 @27014 has 61 MA's), (91, 27038), (109, 27095), (117, 27128), (122, 27149), (127, 27164), (138, 27182), (145, 27206), (162, 27257), (181, 27311), (198, 27365), (207, 27392), (216, 27416), (242, 27500), (245, 27512), (252, 27548), (262, 27581), (271, 27626), (272, 27629), (280, 27659), (302, 27731), (304, 27737), (305, 27746), (308, 27764), (341, 27896), (349, 27920), (352, 27926), (403, 28043), (407, 28052),

Gene: Fireman_39 Start: 28715, Stop: 29872, Start Num: 53
Candidate Starts for Fireman_39:
(Start: 53 @28715 has 12 MA's), (90, 28817), (128, 28964), (137, 28988), (140, 28997), (149, 29030), (172, 29102), (188, 29156), (201, 29183), (214, 29219), (218, 29231), (238, 29285), (248, 29327), (264, 29396), (311, 29567), (326, 29636), (327, 29651), (336, 29681), (355, 29732), (358, 29738), (381, 29798), (390, 29831), (392, 29837), (404, 29864),

Gene: Fizzles_39 Start: 30158, Stop: 31312, Start Num: 46
Candidate Starts for Fizzles_39:
(Start: 45 @30155 has 5 MA's), (Start: 46 @30158 has 91 MA's), (68, 30194), (121, 30371), (145, 30446), (149, 30461), (155, 30485), (168, 30521), (172, 30527), (187, 30578), (220, 30665), (240, 30725), (267, 30863), (280, 30908), (315, 31025), (327, 31076), (329, 31082), (331, 31088), (374, 31205), (394, 31268),

Gene: Flake_31 Start: 27699, Stop: 28811, Start Num: 64
Candidate Starts for Flake_31:
(Start: 64 @27699 has 272 MA's), (Start: 70 @27717 has 8 MA's), (91, 27768), (113, 27843), (143, 27936), (156, 27969), (169, 28014), (200, 28104), (207, 28128), (221, 28164), (239, 28221), (242, 28236), (243, 28245), (250, 28272), (251, 28275), (258, 28302), (272, 28365), (280, 28395), (282, 28398), (284, 28401), (305, 28485), (307, 28494), (321, 28563), (327, 28599), (329, 28605), (333, 28617), (367, 28707), (375, 28725), (379, 28734), (386, 28752), (398, 28785),

Gene: FleetyMac_29 Start: 27673, Stop: 28767, Start Num: 70
Candidate Starts for FleetyMac_29:
(Start: 64 @27655 has 272 MA's), (Start: 70 @27673 has 8 MA's), (91, 27724), (113, 27799), (143, 27892), (156, 27925), (169, 27970), (200, 28060), (207, 28084), (221, 28120), (239, 28177), (242, 28192), (243, 28201), (250, 28228), (251, 28231), (258, 28258), (272, 28321), (280, 28351), (284, 28357), (305, 28441), (307, 28450), (321, 28519), (327, 28555), (329, 28561), (333, 28573), (367, 28663), (375, 28681), (379, 28690), (386, 28708), (398, 28741),

Gene: FluffyNinja_30 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for FluffyNinja_30:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: ForDig_25 Start: 26470, Stop: 27558, Start Num: 71
Candidate Starts for ForDig_25:
(Start: 70 @26467 has 8 MA's), (Start: 71 @26470 has 2 MA's), (Start: 85 @26497 has 10 MA's), (90, 26515), (145, 26692), (159, 26734), (160, 26737), (207, 26878), (221, 26914), (239, 26971), (250, 27022), (251, 27025), (258, 27052), (262, 27067), (272, 27115), (280, 27145), (284, 27151), (305, 27232), (307, 27241), (324, 27325), (333, 27364), (341, 27382), (361, 27433), (375, 27472), (379, 27481), (395, 27526),

Gene: Forrestell_35 Start: 26317, Stop: 27450, Start Num: 60
Candidate Starts for Forrestell_35:
(Start: 60 @26317 has 18 MA's), (83, 26383), (90, 26404), (103, 26452), (112, 26482), (115, 26491), (121, 26518), (150, 26611), (156, 26635), (183, 26677), (187, 26689), (192, 26701), (218, 26761), (240, 26839), (251, 26893), (257, 26920), (273, 26998), (280, 27022), (304, 27091), (329, 27205), (330, 27208), (358, 27286), (360, 27292), (363, 27298), (365, 27304), (374, 27328), (381, 27346), (406, 27421),

Gene: Fortunato_27 Start: 27891, Stop: 28967, Start Num: 80
Candidate Starts for Fortunato_27:
(Start: 80 @27891 has 30 MA's), (86, 27900), (122, 28029), (138, 28068), (155, 28125), (175, 28188), (186, 28227), (200, 28263), (207, 28287), (221, 28323), (239, 28380), (242, 28395), (245, 28407), (250, 28431), (251, 28434), (262, 28476), (272, 28524), (277, 28545), (280, 28554), (284, 28560), (305, 28641), (308, 28659), (314, 28701), (317, 28710), (324, 28734), (333, 28773), (341, 28791),

(347, 28809), (352, 28821), (375, 28881), (379, 28890),

Gene: Fozzie_29 Start: 27665, Stop: 28777, Start Num: 64
Candidate Starts for Fozzie_29:
(Start: 64 @27665 has 272 MA's), (Start: 70 @27683 has 8 MA's), (91, 27734), (113, 27809), (143, 27902), (156, 27935), (169, 27980), (200, 28070), (207, 28094), (221, 28130), (239, 28187), (242, 28202), (243, 28211), (250, 28238), (251, 28241), (258, 28268), (272, 28331), (280, 28361), (282, 28364), (284, 28367), (305, 28451), (307, 28460), (321, 28529), (327, 28565), (329, 28571), (333, 28583), (367, 28673), (375, 28691), (379, 28700), (386, 28718), (398, 28751),

Gene: FrankDeliGuy_36 Start: 30484, Stop: 31629, Start Num: 46
Candidate Starts for FrankDeliGuy_36:
(13, 30058), (33, 30388), (Start: 46 @30484 has 91 MA's), (68, 30511), (75, 30532), (Start: 79 @30541 has 1 MA's), (Start: 85 @30550 has 10 MA's), (90, 30568), (121, 30688), (128, 30712), (172, 30844), (220, 30982), (254, 31111), (255, 31114), (267, 31180), (285, 31234), (315, 31342), (327, 31393), (331, 31405), (374, 31522), (384, 31546), (392, 31579), (394, 31585), (409, 31618),

Gene: Frankicide_30 Start: 27668, Stop: 28780, Start Num: 64
Candidate Starts for Frankicide_30:
(Start: 64 @27668 has 272 MA's), (Start: 70 @27686 has 8 MA's), (91, 27737), (113, 27812), (143, 27905), (156, 27938), (169, 27983), (200, 28073), (207, 28097), (221, 28133), (239, 28190), (242, 28205), (243, 28214), (250, 28241), (251, 28244), (258, 28271), (272, 28334), (280, 28364), (284, 28370), (305, 28454), (307, 28463), (321, 28532), (327, 28568), (329, 28574), (333, 28586), (367, 28676), (375, 28694), (379, 28703), (386, 28721), (398, 28754),

Gene: Fransoyer_41 Start: 31071, Stop: 32240, Start Num: 46
Candidate Starts for Fransoyer_41:
(3, 30381), (Start: 46 @31071 has 91 MA's), (68, 31116), (88, 31161), (116, 31269), (128, 31317), (158, 31419), (164, 31434), (168, 31452), (172, 31458), (187, 31509), (212, 31572), (238, 31650), (265, 31767), (309, 31914), (327, 32007), (329, 32013), (331, 32019), (339, 32043), (340, 32046), (345, 32064), (351, 32079), (358, 32094), (390, 32187),

Gene: Frederick_27 Start: 27900, Stop: 28976, Start Num: 80
Candidate Starts for Frederick_27:
(Start: 80 @27900 has 30 MA's), (86, 27909), (122, 28038), (138, 28077), (155, 28134), (175, 28197), (186, 28236), (200, 28272), (207, 28296), (221, 28332), (239, 28389), (242, 28404), (245, 28416), (250, 28440), (251, 28443), (262, 28485), (272, 28533), (277, 28554), (280, 28563), (284, 28569), (305, 28650), (308, 28668), (314, 28710), (317, 28719), (324, 28743), (333, 28782), (341, 28800), (347, 28818), (352, 28830), (353, 28833), (375, 28890), (379, 28899),

Gene: Fregley_39 Start: 30098, Stop: 31246, Start Num: 46
Candidate Starts for Fregley_39:
(25, 29912), (31, 29987), (33, 30002), (Start: 45 @30095 has 5 MA's), (Start: 46 @30098 has 91 MA's), (68, 30131), (121, 30308), (128, 30332), (142, 30374), (155, 30422), (172, 30464), (192, 30527), (214, 30584), (220, 30602), (242, 30674), (327, 31013), (331, 31025), (374, 31142), (390, 31193), (408, 31235),

Gene: FremontTroll_30 Start: 27353, Stop: 28465, Start Num: 64
Candidate Starts for FremontTroll_30:
(Start: 64 @27353 has 272 MA's), (Start: 70 @27371 has 8 MA's), (91, 27422), (134, 27560), (143, 27590), (169, 27668), (200, 27758), (207, 27782), (221, 27818), (239, 27875), (242, 27890), (243, 27899), (250, 27926), (251, 27929), (258, 27956), (272, 28019), (280, 28049), (284, 28055), (305, 28139), (307, 28148), (321, 28217), (327, 28253), (329, 28259), (333, 28271), (367, 28361), (375,

28379), (379, 28388), (386, 28406), (398, 28439),

Gene: FrenchFry_31 Start: 29045, Stop: 30094, Start Num: 78
Candidate Starts for FrenchFry_31:
(15, 28568), (17, 28613), (22, 28688), (28, 28784), (35, 28874), (Start: 43 @28934 has 1 MA's), (51, 28964), (Start: 52 @28967 has 1 MA's), (Start: 78 @29045 has 61 MA's), (97, 29093), (109, 29126), (121, 29177), (122, 29180), (145, 29243), (155, 29267), (193, 29390), (204, 29417), (207, 29429), (221, 29465), (234, 29507), (240, 29525), (245, 29549), (250, 29573), (252, 29585), (262, 29618), (269, 29657), (280, 29696), (294, 29744), (307, 29792), (311, 29813), (312, 29825), (320, 29858), (321, 29861), (333, 29915), (347, 29951), (352, 29963), (359, 29978), (361, 29984), (373, 30011), (375, 30017), (378, 30023), (382, 30032),

Gene: Fresco_26 Start: 25044, Stop: 26081, Start Num: 76
Candidate Starts for Fresco_26:
(Start: 74 @25041 has 54 MA's), (Start: 76 @25044 has 10 MA's), (117, 25158), (137, 25206), (145, 25233), (163, 25287), (204, 25407), (207, 25419), (221, 25455), (242, 25527), (245, 25539), (252, 25575), (254, 25581), (258, 25593), (272, 25656), (305, 25773), (327, 25887), (352, 25953), (359, 25968), (361, 25974), (371, 26001), (386, 26031), (407, 26070),

Gene: Freya_29 Start: 27347, Stop: 28459, Start Num: 64
Candidate Starts for Freya_29:
(Start: 64 @27347 has 272 MA's), (Start: 70 @27365 has 8 MA's), (91, 27416), (143, 27584), (169, 27662), (200, 27752), (207, 27776), (221, 27812), (239, 27869), (242, 27884), (243, 27893), (250, 27920), (251, 27923), (258, 27950), (272, 28013), (280, 28043), (284, 28049), (305, 28133), (307, 28142), (321, 28211), (327, 28247), (329, 28253), (333, 28265), (367, 28355), (375, 28373), (379, 28382), (386, 28400), (398, 28433),

Gene: FriarPreacher_30 Start: 27674, Stop: 28786, Start Num: 64
Candidate Starts for FriarPreacher_30:
(Start: 64 @27674 has 272 MA's), (Start: 70 @27692 has 8 MA's), (91, 27743), (143, 27911), (169, 27989), (200, 28079), (207, 28103), (221, 28139), (239, 28196), (242, 28211), (243, 28220), (250, 28247), (251, 28250), (258, 28277), (272, 28340), (280, 28370), (284, 28376), (305, 28460), (307, 28469), (321, 28538), (327, 28574), (329, 28580), (333, 28592), (367, 28682), (375, 28700), (379, 28709), (386, 28727), (398, 28760),

Gene: Fringe_30 Start: 27638, Stop: 28750, Start Num: 64
Candidate Starts for Fringe_30:
(Start: 64 @27638 has 272 MA's), (Start: 70 @27656 has 8 MA's), (91, 27707), (143, 27875), (169, 27953), (200, 28043), (207, 28067), (221, 28103), (239, 28160), (242, 28175), (243, 28184), (250, 28211), (251, 28214), (258, 28241), (272, 28304), (280, 28334), (284, 28340), (305, 28424), (307, 28433), (321, 28502), (327, 28538), (329, 28544), (333, 28556), (367, 28646), (375, 28664), (379, 28673), (386, 28691), (398, 28724),

Gene: FugateOSU_29 Start: 27352, Stop: 28464, Start Num: 64
Candidate Starts for FugateOSU_29:
(Start: 64 @27352 has 272 MA's), (Start: 70 @27370 has 8 MA's), (91, 27421), (143, 27589), (169, 27667), (200, 27757), (207, 27781), (221, 27817), (239, 27874), (242, 27889), (243, 27898), (250, 27925), (251, 27928), (258, 27955), (272, 28018), (280, 28048), (284, 28054), (305, 28138), (307, 28147), (321, 28216), (327, 28252), (329, 28258), (333, 28270), (367, 28360), (375, 28378), (379, 28387), (386, 28405), (398, 28438),

Gene: Funsized_33 Start: 31480, Stop: 32649, Start Num: 48
Candidate Starts for Funsized_33:

(Start: 48 @31480 has 1 MA's), (56, 31507), (73, 31564), (98, 31630), (104, 31642), (120, 31705), (145, 31774), (154, 31795), (155, 31798), (159, 31816), (162, 31825), (207, 31960), (211, 31969), (231, 32029), (233, 32035), (239, 32053), (245, 32080), (247, 32086), (250, 32104), (251, 32107), (265, 32158), (280, 32227), (284, 32233), (289, 32248), (292, 32266), (304, 32305), (305, 32314), (312, 32356), (327, 32428), (333, 32446), (338, 32455), (341, 32464), (350, 32491), (352, 32494), (371, 32542), (375, 32554), (398, 32614),

Gene: FuzzBuster_43 Start: 27006, Stop: 28205, Start Num: 46
Candidate Starts for FuzzBuster_43:
(Start: 46 @27006 has 91 MA's), (47, 27009), (67, 27051), (68, 27054), (96, 27135), (97, 27138), (120, 27225), (121, 27228), (149, 27318), (150, 27321), (151, 27330), (156, 27345), (172, 27390), (188, 27444), (190, 27447), (191, 27450), (202, 27483), (214, 27519), (220, 27537), (238, 27597), (239, 27600), (251, 27654), (295, 27831), (317, 27936), (327, 27981), (351, 28053), (358, 28068), (360, 28074), (370, 28101), (384, 28134), (390, 28161), (392, 28167),

Gene: Gadjet_31 Start: 27580, Stop: 28623, Start Num: 74
Candidate Starts for Gadjet_31:
(Start: 43 @27475 has 1 MA's), (51, 27505), (Start: 74 @27580 has 54 MA's), (97, 27628), (117, 27694), (145, 27778), (155, 27802), (161, 27826), (169, 27850), (177, 27871), (186, 27904), (239, 28057), (241, 28069), (258, 28138), (276, 28219), (302, 28306), (305, 28321), (311, 28351), (324, 28414), (342, 28474), (348, 28492), (350, 28498), (352, 28501), (361, 28522), (373, 28552), (375, 28558), (378, 28564), (382, 28573),

Gene: Ganandorf_38 Start: 27677, Stop: 28879, Start Num: 46
Candidate Starts for Ganandorf_38:
(Start: 46 @27677 has 91 MA's), (63, 27713), (Start: 85 @27770 has 10 MA's), (121, 27905), (128, 27929), (137, 27953), (144, 27977), (166, 28058), (172, 28079), (188, 28133), (197, 28160), (200, 28166), (202, 28172), (209, 28190), (214, 28208), (238, 28277), (240, 28283), (253, 28346), (265, 28391), (295, 28502), (326, 28637), (327, 28652), (333, 28670), (351, 28724), (358, 28739), (365, 28757), (384, 28805), (392, 28838), (404, 28865), (408, 28871),

Gene: Gareth_29 Start: 27354, Stop: 28466, Start Num: 64
Candidate Starts for Gareth_29:
(Start: 64 @27354 has 272 MA's), (Start: 70 @27372 has 8 MA's), (91, 27423), (143, 27591), (169, 27669), (200, 27759), (207, 27783), (221, 27819), (239, 27876), (242, 27891), (243, 27900), (250, 27927), (251, 27930), (258, 27957), (272, 28020), (280, 28050), (284, 28056), (305, 28140), (307, 28149), (321, 28218), (327, 28254), (329, 28260), (333, 28272), (367, 28362), (375, 28380), (379, 28389), (386, 28407), (398, 28440),

Gene: Gazebo_37 Start: 31089, Stop: 32240, Start Num: 46
Candidate Starts for Gazebo_37:
(5, 30513), (13, 30663), (33, 30993), (Start: 46 @31089 has 91 MA's), (68, 31122), (75, 31143), (Start: 85 @31161 has 10 MA's), (90, 31179), (121, 31299), (128, 31323), (172, 31455), (220, 31593), (254, 31722), (267, 31791), (285, 31845), (315, 31953), (327, 32004), (331, 32016), (374, 32133), (384, 32157), (392, 32190), (394, 32196), (409, 32229),

Gene: GeneCoco_30 Start: 27664, Stop: 28776, Start Num: 64
Candidate Starts for GeneCoco_30:
(Start: 64 @27664 has 272 MA's), (Start: 70 @27682 has 8 MA's), (91, 27733), (113, 27808), (143, 27901), (156, 27934), (169, 27979), (200, 28069), (207, 28093), (221, 28129), (239, 28186), (242, 28201), (243, 28210), (250, 28237), (251, 28240), (258, 28267), (272, 28330), (284, 28366), (305, 28450), (307, 28459), (321, 28528), (327, 28564), (329, 28570), (333, 28582), (367, 28672), (375, 28690), (379, 28699), (386, 28717), (398, 28750),

Gene: Gervas_30 Start: 27554, Stop: 28597, Start Num: 74
Candidate Starts for Gervas_30:
(Start: 43 @27449 has 1 MA's), (51, 27479), (Start: 74 @27554 has 54 MA's), (97, 27602), (117, 27668), (145, 27752), (155, 27776), (161, 27800), (169, 27824), (177, 27845), (239, 28031), (241, 28043), (258, 28112), (276, 28193), (302, 28280), (305, 28295), (311, 28325), (324, 28388), (342, 28448), (348, 28466), (350, 28472), (352, 28475), (361, 28496), (373, 28526), (375, 28532), (378, 28538), (382, 28547),

Gene: GinPorsche_26 Start: 26868, Stop: 27944, Start Num: 80
Candidate Starts for GinPorsche_26:
(Start: 80 @26868 has 30 MA's), (86, 26877), (138, 27045), (155, 27102), (175, 27165), (186, 27204), (200, 27240), (207, 27264), (221, 27300), (239, 27357), (242, 27372), (245, 27384), (250, 27408), (251, 27411), (262, 27453), (272, 27501), (277, 27522), (280, 27531), (284, 27537), (305, 27618), (308, 27636), (314, 27678), (317, 27687), (324, 27711), (333, 27750), (341, 27768), (347, 27786), (352, 27798), (375, 27858), (379, 27867),

Gene: Gina_40 Start: 27318, Stop: 28469, Start Num: 53
Candidate Starts for Gina_40:
(Start: 53 @27318 has 12 MA's), (86, 27393), (89, 27399), (122, 27534), (128, 27555), (137, 27579), (151, 27633), (157, 27654), (172, 27693), (188, 27747), (201, 27774), (214, 27810), (220, 27828), (228, 27846), (238, 27876), (239, 27879), (245, 27906), (248, 27918), (253, 27945), (270, 28026), (311, 28158), (319, 28200), (327, 28242), (331, 28254), (336, 28272), (355, 28323), (358, 28329), (362, 28338), (370, 28362), (381, 28389), (384, 28395), (390, 28422), (392, 28428), (402, 28452),

Gene: Giraffe_30 Start: 27358, Stop: 28470, Start Num: 64
Candidate Starts for Giraffe_30:
(Start: 64 @27358 has 272 MA's), (Start: 70 @27376 has 8 MA's), (91, 27427), (143, 27595), (169, 27673), (200, 27763), (207, 27787), (221, 27823), (239, 27880), (242, 27895), (243, 27904), (250, 27931), (251, 27934), (258, 27961), (272, 28024), (280, 28054), (284, 28060), (305, 28144), (307, 28153), (321, 28222), (327, 28258), (329, 28264), (333, 28276), (367, 28366), (375, 28384), (379, 28393), (386, 28411), (398, 28444),

Gene: Glass_31 Start: 29045, Stop: 30094, Start Num: 78
Candidate Starts for Glass_31:
(15, 28568), (17, 28613), (22, 28688), (28, 28784), (35, 28874), (Start: 43 @28934 has 1 MA's), (51, 28964), (Start: 52 @28967 has 1 MA's), (Start: 78 @29045 has 61 MA's), (97, 29093), (109, 29126), (121, 29177), (122, 29180), (145, 29243), (155, 29267), (193, 29390), (204, 29417), (207, 29429), (221, 29465), (234, 29507), (240, 29525), (245, 29549), (250, 29573), (252, 29585), (262, 29618), (269, 29657), (280, 29696), (294, 29744), (307, 29792), (311, 29813), (312, 29825), (320, 29858), (321, 29861), (333, 29915), (347, 29951), (352, 29963), (359, 29978), (361, 29984), (373, 30011), (375, 30017), (378, 30023), (382, 30032),

Gene: GlenHope_31 Start: 27566, Stop: 28609, Start Num: 74
Candidate Starts for GlenHope_31:
(Start: 43 @27461 has 1 MA's), (51, 27491), (Start: 74 @27566 has 54 MA's), (97, 27614), (117, 27680), (145, 27764), (155, 27788), (169, 27836), (177, 27857), (237, 28037), (239, 28043), (241, 28055), (258, 28124), (276, 28205), (302, 28292), (305, 28307), (311, 28337), (324, 28400), (342, 28460), (348, 28478), (350, 28484), (352, 28487), (361, 28508), (373, 28538), (375, 28544), (378, 28550), (382, 28559),

Gene: Glorp_40 Start: 27678, Stop: 28880, Start Num: 46
Candidate Starts for Glorp_40:

(Start: 46 @27678 has 91 MA's), (63, 27714), (Start: 85 @27771 has 10 MA's), (121, 27906), (128, 27930), (137, 27954), (144, 27978), (166, 28059), (172, 28080), (188, 28134), (197, 28161), (200, 28167), (202, 28173), (209, 28191), (214, 28209), (238, 28278), (240, 28284), (253, 28347), (265, 28392), (280, 28464), (295, 28503), (326, 28638), (327, 28653), (333, 28671), (351, 28725), (358, 28740), (365, 28758), (381, 28800), (384, 28806), (392, 28839), (404, 28866), (408, 28872),

Gene: Glubnar_31 Start: 27566, Stop: 28609, Start Num: 74
Candidate Starts for Glubnar_31:
(Start: 43 @27461 has 1 MA's), (51, 27491), (Start: 74 @27566 has 54 MA's), (97, 27614), (117, 27680), (145, 27764), (155, 27788), (169, 27836), (177, 27857), (239, 28043), (241, 28055), (258, 28124), (276, 28205), (302, 28292), (305, 28307), (311, 28337), (324, 28400), (342, 28460), (348, 28478), (350, 28484), (352, 28487), (361, 28508), (373, 28538), (375, 28544), (378, 28550), (382, 28559),

Gene: GodPhather_24 Start: 26459, Stop: 27496, Start Num: 78
Candidate Starts for GodPhather_24:
(Start: 78 @26459 has 61 MA's), (90, 26480), (91, 26483), (97, 26507), (109, 26540), (132, 26612), (136, 26615), (143, 26642), (145, 26648), (155, 26672), (186, 26774), (204, 26822), (221, 26870), (234, 26912), (239, 26927), (240, 26930), (242, 26942), (245, 26954), (252, 26990), (272, 27071), (276, 27089), (280, 27101), (282, 27104), (293, 27146), (305, 27188), (311, 27218), (312, 27230), (325, 27284), (342, 27341), (347, 27356), (354, 27374), (359, 27383), (361, 27389), (364, 27395), (373, 27416), (375, 27422), (382, 27437), (402, 27485),

Gene: Godines_31 Start: 28925, Stop: 29974, Start Num: 78
Candidate Starts for Godines_31:
(15, 28448), (17, 28493), (22, 28568), (28, 28664), (35, 28754), (Start: 43 @28814 has 1 MA's), (51, 28844), (Start: 52 @28847 has 1 MA's), (Start: 78 @28925 has 61 MA's), (97, 28973), (109, 29006), (121, 29057), (122, 29060), (129, 29078), (145, 29123), (155, 29147), (193, 29270), (204, 29297), (207, 29309), (221, 29345), (234, 29387), (240, 29405), (245, 29429), (250, 29453), (252, 29465), (262, 29498), (269, 29537), (280, 29576), (294, 29624), (307, 29672), (311, 29693), (312, 29705), (320, 29738), (321, 29741), (333, 29795), (347, 29831), (352, 29843), (359, 29858), (361, 29864), (373, 29891), (375, 29897), (378, 29903), (382, 29912),

Gene: Gophee_30 Start: 27640, Stop: 28752, Start Num: 64
Candidate Starts for Gophee_30:
(Start: 64 @27640 has 272 MA's), (Start: 70 @27658 has 8 MA's), (91, 27709), (143, 27877), (169, 27955), (200, 28045), (207, 28069), (221, 28105), (239, 28162), (242, 28177), (243, 28186), (250, 28213), (251, 28216), (258, 28243), (272, 28306), (280, 28336), (284, 28342), (305, 28426), (307, 28435), (321, 28504), (327, 28540), (329, 28546), (333, 28558), (367, 28648), (375, 28666), (379, 28675), (386, 28693), (398, 28726),

Gene: Grand2040_29 Start: 27373, Stop: 28485, Start Num: 64
Candidate Starts for Grand2040_29:
(Start: 64 @27373 has 272 MA's), (Start: 70 @27391 has 8 MA's), (91, 27442), (143, 27610), (169, 27688), (200, 27778), (207, 27802), (221, 27838), (239, 27895), (242, 27910), (243, 27919), (250, 27946), (251, 27949), (258, 27976), (272, 28039), (280, 28069), (284, 28075), (305, 28159), (307, 28168), (321, 28237), (327, 28273), (329, 28279), (333, 28291), (367, 28381), (375, 28399), (379, 28408), (386, 28426), (398, 28459),

Gene: Grassboy_40 Start: 31141, Stop: 32292, Start Num: 46
Candidate Starts for Grassboy_40:
(5, 30565), (13, 30715), (33, 31045), (Start: 46 @31141 has 91 MA's), (68, 31174), (75, 31195), (Start: 85 @31213 has 10 MA's), (90, 31231), (121, 31351), (128, 31375), (172, 31507), (220, 31645), (254,

31774), (267, 31843), (285, 31897), (315, 32005), (327, 32056), (331, 32068), (374, 32185), (384, 32209), (392, 32242), (409, 32281),

Gene: GreenChile_30 Start: 27649, Stop: 28761, Start Num: 64
Candidate Starts for GreenChile_30:
(Start: 64 @27649 has 272 MA's), (Start: 70 @27667 has 8 MA's), (91, 27718), (143, 27886), (169, 27964), (200, 28054), (207, 28078), (221, 28114), (239, 28171), (242, 28186), (243, 28195), (250, 28222), (251, 28225), (258, 28252), (272, 28315), (280, 28345), (284, 28351), (305, 28435), (307, 28444), (321, 28513), (327, 28549), (329, 28555), (333, 28567), (367, 28657), (375, 28675), (379, 28684), (386, 28702), (398, 28735),

Gene: Grumio_58 Start: 36939, Stop: 38087, Start Num: 77
Candidate Starts for Grumio_58:
(Start: 77 @36939 has 5 MA's), (92, 36975), (106, 37020), (108, 37026), (110, 37035), (179, 37233), (197, 37290), (205, 37311), (214, 37341), (230, 37386), (231, 37392), (240, 37419), (242, 37431), (245, 37443), (253, 37482), (269, 37551), (272, 37560), (277, 37581), (288, 37611), (309, 37701), (352, 37872), (361, 37893), (364, 37899), (369, 37920), (372, 37926), (375, 37935),

Gene: Gwennie1_30 Start: 27719, Stop: 28831, Start Num: 64
Candidate Starts for Gwennie1_30:
(Start: 64 @27719 has 272 MA's), (Start: 70 @27737 has 8 MA's), (91, 27788), (113, 27863), (143, 27956), (156, 27989), (169, 28034), (200, 28124), (207, 28148), (221, 28184), (239, 28241), (242, 28256), (243, 28265), (250, 28292), (251, 28295), (258, 28322), (272, 28385), (280, 28415), (282, 28418), (284, 28421), (305, 28505), (307, 28514), (321, 28583), (327, 28619), (329, 28625), (333, 28637), (367, 28727), (375, 28745), (379, 28754), (386, 28772), (398, 28805),

Gene: Gwilliam_30 Start: 27652, Stop: 28764, Start Num: 64
Candidate Starts for Gwilliam_30:
(Start: 64 @27652 has 272 MA's), (Start: 70 @27670 has 8 MA's), (91, 27721), (143, 27889), (169, 27967), (200, 28057), (207, 28081), (221, 28117), (239, 28174), (242, 28189), (243, 28198), (250, 28225), (251, 28228), (258, 28255), (272, 28318), (280, 28348), (284, 28354), (305, 28438), (307, 28447), (321, 28516), (327, 28552), (329, 28558), (333, 28570), (367, 28660), (375, 28678), (379, 28687), (386, 28705), (398, 28738),

Gene: Gyarad_0030 Start: 27654, Stop: 28766, Start Num: 64
Candidate Starts for Gyarad_0030:
(Start: 64 @27654 has 272 MA's), (Start: 70 @27672 has 8 MA's), (91, 27723), (143, 27891), (169, 27969), (200, 28059), (207, 28083), (221, 28119), (239, 28176), (242, 28191), (243, 28200), (250, 28227), (251, 28230), (258, 28257), (272, 28320), (280, 28350), (284, 28356), (305, 28440), (307, 28449), (321, 28518), (327, 28554), (329, 28560), (333, 28572), (367, 28662), (375, 28680), (379, 28689), (386, 28707), (398, 28740),

Gene: HSavage_30 Start: 27659, Stop: 28771, Start Num: 64
Candidate Starts for HSavage_30:
(Start: 64 @27659 has 272 MA's), (Start: 70 @27677 has 8 MA's), (91, 27728), (143, 27896), (169, 27974), (200, 28064), (207, 28088), (221, 28124), (239, 28181), (242, 28196), (243, 28205), (250, 28232), (251, 28235), (258, 28262), (272, 28325), (280, 28355), (284, 28361), (305, 28445), (307, 28454), (321, 28523), (327, 28559), (329, 28565), (333, 28577), (367, 28667), (375, 28685), (379, 28694), (386, 28712), (398, 28745),

Gene: Haimas_30 Start: 27650, Stop: 28762, Start Num: 64
Candidate Starts for Haimas_30:

(Start: 64 @27650 has 272 MA's), (Start: 70 @27668 has 8 MA's), (91, 27719), (143, 27887), (156, 27920), (169, 27965), (200, 28055), (207, 28079), (221, 28115), (239, 28172), (242, 28187), (243, 28196), (250, 28223), (251, 28226), (258, 28253), (272, 28316), (280, 28346), (284, 28352), (305, 28436), (307, 28445), (321, 28514), (327, 28550), (329, 28556), (333, 28568), (367, 28658), (375, 28676), (379, 28685), (386, 28703), (398, 28736),

Gene: Haleema_29 Start: 27373, Stop: 28485, Start Num: 64
Candidate Starts for Haleema_29:
(Start: 64 @27373 has 272 MA's), (Start: 70 @27391 has 8 MA's), (91, 27442), (143, 27610), (169, 27688), (200, 27778), (207, 27802), (221, 27838), (239, 27895), (242, 27910), (243, 27919), (250, 27946), (251, 27949), (258, 27976), (272, 28039), (280, 28069), (284, 28075), (305, 28159), (307, 28168), (321, 28237), (327, 28273), (329, 28279), (333, 28291), (367, 28381), (375, 28399), (379, 28408), (386, 28426), (398, 28459),

Gene: Halfpint_29 Start: 27389, Stop: 28432, Start Num: 74
Candidate Starts for Halfpint_29:
(Start: 43 @27284 has 1 MA's), (51, 27314), (Start: 74 @27389 has 54 MA's), (97, 27437), (117, 27503), (145, 27587), (155, 27611), (169, 27659), (177, 27680), (237, 27860), (239, 27866), (241, 27878), (258, 27947), (276, 28028), (302, 28115), (305, 28130), (311, 28160), (324, 28223), (342, 28283), (348, 28301), (350, 28307), (352, 28310), (361, 28331), (373, 28361), (375, 28367), (378, 28373), (382, 28382),

Gene: Hally898_26 Start: 26880, Stop: 27956, Start Num: 80
Candidate Starts for Hally898_26:
(Start: 80 @26880 has 30 MA's), (86, 26889), (138, 27057), (155, 27114), (175, 27177), (186, 27216), (200, 27252), (207, 27276), (221, 27312), (239, 27369), (242, 27384), (245, 27396), (250, 27420), (251, 27423), (262, 27465), (272, 27513), (277, 27534), (280, 27543), (284, 27549), (305, 27630), (308, 27648), (314, 27690), (317, 27699), (324, 27723), (333, 27762), (341, 27780), (347, 27798), (352, 27810), (375, 27870), (379, 27879),

Gene: Hamish_30 Start: 27642, Stop: 28754, Start Num: 64
Candidate Starts for Hamish_30:
(Start: 64 @27642 has 272 MA's), (Start: 70 @27660 has 8 MA's), (91, 27711), (143, 27879), (156, 27912), (169, 27957), (200, 28047), (207, 28071), (221, 28107), (239, 28164), (242, 28179), (243, 28188), (250, 28215), (251, 28218), (258, 28245), (272, 28308), (280, 28338), (284, 28344), (305, 28428), (307, 28437), (321, 28506), (327, 28542), (329, 28548), (333, 28560), (367, 28650), (375, 28668), (379, 28677), (386, 28695), (398, 28728),

Gene: Hangman_27 Start: 27892, Stop: 28968, Start Num: 80
Candidate Starts for Hangman_27:
(Start: 80 @27892 has 30 MA's), (86, 27901), (138, 28069), (155, 28126), (175, 28189), (186, 28228), (200, 28264), (207, 28288), (221, 28324), (239, 28381), (242, 28396), (245, 28408), (250, 28432), (251, 28435), (262, 28477), (272, 28525), (277, 28546), (280, 28555), (284, 28561), (305, 28642), (308, 28660), (314, 28702), (317, 28711), (324, 28735), (333, 28774), (341, 28792), (347, 28810), (352, 28822), (353, 28825), (375, 28882), (379, 28891),

Gene: Happabalu_30 Start: 27371, Stop: 28483, Start Num: 64
Candidate Starts for Happabalu_30:
(Start: 64 @27371 has 272 MA's), (Start: 70 @27389 has 8 MA's), (91, 27440), (143, 27608), (169, 27686), (200, 27776), (207, 27800), (221, 27836), (239, 27893), (242, 27908), (243, 27917), (250, 27944), (251, 27947), (258, 27974), (272, 28037), (280, 28067), (284, 28073), (305, 28157), (307, 28166), (321, 28235), (327, 28271), (329, 28277), (333, 28289), (367, 28379), (375, 28397), (379, 28406), (386, 28424), (398, 28457),

Gene: Hartsy_30 Start: 27693, Stop: 28805, Start Num: 64
Candidate Starts for Hartsy_30:
(Start: 64 @27693 has 272 MA's), (Start: 70 @27711 has 8 MA's), (91, 27762), (113, 27837), (143, 27930), (156, 27963), (169, 28008), (200, 28098), (207, 28122), (221, 28158), (239, 28215), (242, 28230), (243, 28239), (250, 28266), (251, 28269), (258, 28296), (272, 28359), (284, 28395), (305, 28479), (307, 28488), (321, 28557), (327, 28593), (329, 28599), (333, 28611), (367, 28701), (375, 28719), (379, 28728), (386, 28746), (398, 28779),

Gene: Harvey_30 Start: 27668, Stop: 28780, Start Num: 64
Candidate Starts for Harvey_30:
(Start: 64 @27668 has 272 MA's), (Start: 70 @27686 has 8 MA's), (91, 27737), (143, 27905), (169, 27983), (200, 28073), (207, 28097), (221, 28133), (239, 28190), (242, 28205), (243, 28214), (250, 28241), (251, 28244), (258, 28271), (272, 28334), (280, 28364), (284, 28370), (305, 28454), (307, 28463), (321, 28532), (327, 28568), (329, 28574), (333, 28586), (367, 28676), (375, 28694), (379, 28703), (386, 28721), (398, 28754),

Gene: HarveySr_30 Start: 27553, Stop: 28596, Start Num: 74
Candidate Starts for HarveySr_30:
(Start: 43 @27448 has 1 MA's), (51, 27478), (Start: 74 @27553 has 54 MA's), (97, 27601), (117, 27667), (145, 27751), (155, 27775), (161, 27799), (169, 27823), (177, 27844), (237, 28024), (239, 28030), (241, 28042), (258, 28111), (276, 28192), (302, 28279), (305, 28294), (311, 28324), (324, 28387), (342, 28447), (348, 28465), (350, 28471), (352, 28474), (361, 28495), (373, 28525), (375, 28531), (378, 28537), (382, 28546),

Gene: Hashim76_33 Start: 27712, Stop: 28776, Start Num: 81
Candidate Starts for Hashim76_33:
(Start: 81 @27712 has 3 MA's), (97, 27763), (121, 27847), (200, 28078), (207, 28102), (218, 28132), (233, 28177), (239, 28195), (245, 28222), (280, 28369), (284, 28375), (305, 28456), (307, 28465), (308, 28474), (333, 28588), (341, 28606), (371, 28684), (375, 28696), (396, 28747), (398, 28750),

Gene: Heath_26 Start: 27493, Stop: 28569, Start Num: 80
Candidate Starts for Heath_26:
(Start: 80 @27493 has 30 MA's), (86, 27502), (122, 27631), (138, 27670), (155, 27727), (175, 27790), (186, 27829), (200, 27865), (207, 27889), (221, 27925), (239, 27982), (242, 27997), (245, 28009), (250, 28033), (251, 28036), (262, 28078), (272, 28126), (277, 28147), (280, 28156), (284, 28162), (305, 28243), (308, 28261), (314, 28303), (317, 28312), (324, 28336), (333, 28375), (341, 28393), (347, 28411), (352, 28423), (353, 28426), (375, 28483), (379, 28492),

Gene: Heathcliff_30 Start: 27535, Stop: 28578, Start Num: 74
Candidate Starts for Heathcliff_30:
(Start: 43 @27430 has 1 MA's), (51, 27460), (Start: 74 @27535 has 54 MA's), (97, 27583), (117, 27649), (145, 27733), (155, 27757), (161, 27781), (169, 27805), (177, 27826), (186, 27859), (239, 28012), (241, 28024), (258, 28093), (276, 28174), (302, 28261), (305, 28276), (311, 28306), (324, 28369), (342, 28429), (348, 28447), (350, 28453), (352, 28456), (361, 28477), (373, 28507), (375, 28513), (378, 28519), (382, 28528),

Gene: Hedgerow_31 Start: 29027, Stop: 30076, Start Num: 78
Candidate Starts for Hedgerow_31:
(15, 28550), (17, 28595), (22, 28670), (28, 28766), (35, 28856), (Start: 43 @28916 has 1 MA's), (51, 28946), (Start: 52 @28949 has 1 MA's), (Start: 78 @29027 has 61 MA's), (97, 29075), (109, 29108), (121, 29159), (122, 29162), (145, 29225), (155, 29249), (193, 29372), (204, 29399), (207, 29411), (221, 29447), (234, 29489), (240, 29507), (245, 29531), (250, 29555), (252, 29567), (262, 29600),

(269, 29639), (280, 29678), (294, 29726), (307, 29774), (311, 29795), (312, 29807), (320, 29840), (321, 29843), (333, 29897), (347, 29933), (352, 29945), (359, 29960), (361, 29966), (373, 29993), (375, 29999), (378, 30005), (382, 30014),

Gene: Hekos_27 Start: 26222, Stop: 27334, Start Num: 64
Candidate Starts for Hekos_27:
(Start: 64 @26222 has 272 MA's), (Start: 70 @26240 has 8 MA's), (91, 26291), (143, 26459), (169, 26537), (200, 26627), (207, 26651), (221, 26687), (239, 26744), (242, 26759), (243, 26768), (250, 26795), (251, 26798), (258, 26825), (272, 26888), (280, 26918), (284, 26924), (305, 27008), (307, 27017), (321, 27086), (327, 27122), (329, 27128), (333, 27140), (367, 27230), (375, 27248), (379, 27257), (386, 27275), (398, 27308),

Gene: Held_30 Start: 27357, Stop: 28469, Start Num: 64
Candidate Starts for Held_30:
(Start: 64 @27357 has 272 MA's), (Start: 70 @27375 has 8 MA's), (91, 27426), (143, 27594), (169, 27672), (200, 27762), (207, 27786), (221, 27822), (239, 27879), (242, 27894), (243, 27903), (250, 27930), (251, 27933), (258, 27960), (272, 28023), (280, 28053), (284, 28059), (305, 28143), (307, 28152), (321, 28221), (327, 28257), (329, 28263), (333, 28275), (367, 28365), (375, 28383), (379, 28392), (386, 28410), (398, 28443),

Gene: Hendrix_73 Start: 49522, Stop: 50718, Start Num: 45
Candidate Starts for Hendrix_73:
(33, 49429), (Start: 45 @49522 has 5 MA's), (Start: 46 @49525 has 91 MA's), (67, 49567), (68, 49570), (89, 49618), (90, 49627), (98, 49657), (114, 49717), (137, 49795), (143, 49816), (144, 49819), (172, 49909), (176, 49921), (188, 49963), (200, 49996), (202, 50002), (209, 50020), (214, 50038), (220, 50056), (238, 50107), (240, 50113), (254, 50179), (269, 50254), (288, 50317), (331, 50503), (348, 50554), (356, 50575), (358, 50578), (370, 50611), (381, 50638), (383, 50641), (384, 50644), (392, 50677),

Gene: HenryJackson_29 Start: 27373, Stop: 28485, Start Num: 64
Candidate Starts for HenryJackson_29:
(Start: 64 @27373 has 272 MA's), (Start: 70 @27391 has 8 MA's), (91, 27442), (143, 27610), (169, 27688), (200, 27778), (207, 27802), (221, 27838), (239, 27895), (242, 27910), (243, 27919), (250, 27946), (251, 27949), (258, 27976), (272, 28039), (280, 28069), (284, 28075), (305, 28159), (307, 28168), (321, 28237), (327, 28273), (329, 28279), (333, 28291), (367, 28381), (375, 28399), (379, 28408), (386, 28426), (398, 28459),

Gene: Hermeonysus_38 Start: 27544, Stop: 28746, Start Num: 46
Candidate Starts for Hermeonysus_38:
(Start: 46 @27544 has 91 MA's), (63, 27580), (Start: 85 @27637 has 10 MA's), (121, 27772), (128, 27796), (137, 27820), (144, 27844), (166, 27925), (172, 27946), (188, 28000), (197, 28027), (200, 28033), (202, 28039), (209, 28057), (214, 28075), (238, 28144), (240, 28150), (253, 28213), (265, 28258), (295, 28369), (326, 28504), (327, 28519), (333, 28537), (351, 28591), (358, 28606), (365, 28624), (384, 28672), (392, 28705), (404, 28732), (408, 28738),

Gene: Hertubise_30 Start: 27664, Stop: 28776, Start Num: 64
Candidate Starts for Hertubise_30:
(Start: 64 @27664 has 272 MA's), (Start: 70 @27682 has 8 MA's), (91, 27733), (143, 27901), (169, 27979), (200, 28069), (207, 28093), (221, 28129), (239, 28186), (242, 28201), (243, 28210), (250, 28237), (251, 28240), (258, 28267), (272, 28330), (280, 28360), (284, 28366), (305, 28450), (307, 28459), (321, 28528), (327, 28564), (329, 28570), (333, 28582), (367, 28672), (375, 28690), (379, 28699), (386, 28717), (398, 28750),

Gene: Hetaeria_30 Start: 27666, Stop: 28778, Start Num: 64
Candidate Starts for Hetaeria_30:
(Start: 64 @27666 has 272 MA's), (Start: 70 @27684 has 8 MA's), (91, 27735), (143, 27903), (169, 27981), (200, 28071), (207, 28095), (221, 28131), (239, 28188), (242, 28203), (243, 28212), (250, 28239), (251, 28242), (258, 28269), (272, 28332), (280, 28362), (284, 28368), (305, 28452), (307, 28461), (321, 28530), (327, 28566), (329, 28572), (333, 28584), (367, 28674), (375, 28692), (379, 28701), (386, 28719), (398, 28752),

Gene: HighStump_29 Start: 27356, Stop: 28468, Start Num: 64
Candidate Starts for HighStump_29:
(Start: 64 @27356 has 272 MA's), (Start: 70 @27374 has 8 MA's), (91, 27425), (143, 27593), (169, 27671), (200, 27761), (207, 27785), (221, 27821), (239, 27878), (242, 27893), (243, 27902), (250, 27929), (251, 27932), (258, 27959), (272, 28022), (280, 28052), (284, 28058), (305, 28142), (307, 28151), (321, 28220), (327, 28256), (329, 28262), (333, 28274), (367, 28364), (375, 28382), (379, 28391), (386, 28409), (398, 28442),

Gene: Hive_38 Start: 27705, Stop: 28838, Start Num: 60
Candidate Starts for Hive_38:
(Start: 60 @27705 has 18 MA's), (83, 27771), (90, 27792), (103, 27840), (112, 27870), (115, 27879), (121, 27906), (150, 27999), (156, 28023), (183, 28065), (187, 28077), (192, 28089), (218, 28149), (240, 28227), (251, 28281), (257, 28308), (273, 28386), (280, 28410), (304, 28479), (329, 28593), (330, 28596), (333, 28605), (351, 28659), (358, 28674), (360, 28680), (363, 28686), (365, 28692), (374, 28716), (381, 28734), (406, 28809),

Gene: Hocus_29 Start: 27365, Stop: 28477, Start Num: 64
Candidate Starts for Hocus_29:
(Start: 64 @27365 has 272 MA's), (Start: 70 @27383 has 8 MA's), (91, 27434), (113, 27509), (143, 27602), (156, 27635), (169, 27680), (200, 27770), (207, 27794), (221, 27830), (239, 27887), (242, 27902), (243, 27911), (250, 27938), (251, 27941), (258, 27968), (272, 28031), (284, 28067), (305, 28151), (307, 28160), (321, 28229), (327, 28265), (329, 28271), (333, 28283), (367, 28373), (375, 28391), (379, 28400), (386, 28418), (398, 28451),

Gene: HogWash_29 Start: 27659, Stop: 28771, Start Num: 64
Candidate Starts for HogWash_29:
(Start: 64 @27659 has 272 MA's), (Start: 70 @27677 has 8 MA's), (91, 27728), (113, 27803), (143, 27896), (156, 27929), (169, 27974), (200, 28064), (207, 28088), (221, 28124), (239, 28181), (242, 28196), (243, 28205), (250, 28232), (251, 28235), (258, 28262), (272, 28325), (280, 28355), (284, 28361), (305, 28445), (307, 28454), (321, 28523), (327, 28559), (329, 28565), (333, 28577), (367, 28667), (375, 28685), (379, 28694), (386, 28712), (398, 28745),

Gene: Holeinone_31 Start: 28907, Stop: 29956, Start Num: 78
Candidate Starts for Holeinone_31:
(28, 28646), (35, 28736), (Start: 43 @28796 has 1 MA's), (51, 28826), (Start: 52 @28829 has 1 MA's), (Start: 78 @28907 has 61 MA's), (97, 28955), (109, 28988), (121, 29039), (122, 29042), (145, 29105), (155, 29129), (193, 29252), (204, 29279), (207, 29291), (221, 29327), (234, 29369), (240, 29387), (245, 29411), (250, 29435), (252, 29447), (262, 29480), (269, 29519), (280, 29558), (294, 29606), (307, 29654), (311, 29675), (312, 29687), (320, 29720), (321, 29723), (333, 29777), (347, 29813), (352, 29825), (359, 29840), (361, 29846), (373, 29873), (375, 29879), (378, 29885), (382, 29894),

Gene: Honeyfin_40 Start: 27865, Stop: 29067, Start Num: 46
Candidate Starts for Honeyfin_40:
(Start: 46 @27865 has 91 MA's), (63, 27901), (Start: 85 @27958 has 10 MA's), (121, 28093), (128, 28117), (137, 28141), (144, 28165), (166, 28246), (172, 28267), (188, 28321), (197, 28348), (200,

28354), (202, 28360), (209, 28378), (214, 28396), (238, 28465), (240, 28471), (253, 28534), (265, 28579), (280, 28651), (295, 28690), (326, 28825), (327, 28840), (333, 28858), (351, 28912), (358, 28927), (365, 28945), (381, 28987), (384, 28993), (392, 29026), (404, 29053), (408, 29059),

Gene: Horchata_30 Start: 27644, Stop: 28756, Start Num: 64
Candidate Starts for Horchata_30:
(Start: 64 @27644 has 272 MA's), (Start: 70 @27662 has 8 MA's), (91, 27713), (143, 27881), (169, 27959), (200, 28049), (207, 28073), (221, 28109), (239, 28166), (242, 28181), (243, 28190), (250, 28217), (251, 28220), (258, 28247), (272, 28310), (280, 28340), (284, 28346), (305, 28430), (307, 28439), (321, 28508), (327, 28544), (329, 28550), (333, 28562), (367, 28652), (375, 28670), (379, 28679), (386, 28697), (398, 28730),

Gene: Hosp_023 Start: 24683, Stop: 25771, Start Num: 71
Candidate Starts for Hosp_023:
(Start: 70 @24680 has 8 MA's), (Start: 71 @24683 has 2 MA's), (Start: 85 @24710 has 10 MA's), (90, 24728), (145, 24905), (159, 24947), (160, 24950), (207, 25091), (221, 25127), (239, 25184), (250, 25235), (258, 25265), (262, 25280), (272, 25328), (280, 25358), (284, 25364), (305, 25445), (307, 25454), (312, 25487), (324, 25538), (333, 25577), (341, 25595), (361, 25646), (375, 25685), (379, 25694), (395, 25739),

Gene: Hydro_27 Start: 27909, Stop: 28985, Start Num: 80
Candidate Starts for Hydro_27:
(Start: 80 @27909 has 30 MA's), (86, 27918), (138, 28086), (155, 28143), (175, 28206), (186, 28245), (200, 28281), (207, 28305), (221, 28341), (239, 28398), (242, 28413), (245, 28425), (250, 28449), (251, 28452), (262, 28494), (272, 28542), (280, 28572), (284, 28578), (305, 28659), (308, 28677), (314, 28719), (317, 28728), (324, 28752), (333, 28791), (341, 28809), (347, 28827), (352, 28839), (353, 28842), (375, 28899), (379, 28908),

Gene: Hyperion_38 Start: 31045, Stop: 32196, Start Num: 46
Candidate Starts for Hyperion_38:
(5, 30469), (13, 30619), (33, 30949), (Start: 46 @31045 has 91 MA's), (68, 31078), (75, 31099), (Start: 85 @31117 has 10 MA's), (90, 31135), (121, 31255), (128, 31279), (172, 31411), (220, 31549), (254, 31678), (267, 31747), (285, 31801), (315, 31909), (327, 31960), (331, 31972), (374, 32089), (384, 32113), (392, 32146), (394, 32152), (409, 32185),

Gene: ImtiyazSitla_29 Start: 27206, Stop: 28318, Start Num: 64
Candidate Starts for ImtiyazSitla_29:
(Start: 64 @27206 has 272 MA's), (Start: 70 @27224 has 8 MA's), (91, 27275), (113, 27350), (143, 27443), (156, 27476), (169, 27521), (200, 27611), (207, 27635), (221, 27671), (239, 27728), (242, 27743), (243, 27752), (250, 27779), (251, 27782), (258, 27809), (272, 27872), (284, 27908), (305, 27992), (307, 28001), (321, 28070), (327, 28106), (329, 28112), (333, 28124), (367, 28214), (375, 28232), (379, 28241), (386, 28259), (398, 28292),

Gene: Imvubu_23 Start: 25395, Stop: 26462, Start Num: 80
Candidate Starts for Imvubu_23:
(Start: 80 @25395 has 30 MA's), (86, 25404), (97, 25446), (121, 25530), (138, 25572), (145, 25596), (155, 25620), (207, 25782), (239, 25875), (240, 25878), (245, 25902), (251, 25929), (272, 26019), (280, 26049), (282, 26052), (284, 26055), (289, 26070), (292, 26088), (304, 26127), (305, 26136), (314, 26196), (324, 26229), (327, 26250), (333, 26268), (352, 26316), (359, 26331), (361, 26337), (371, 26364), (375, 26376), (397, 26427), (407, 26442),

Gene: Inchworm_30 Start: 27642, Stop: 28754, Start Num: 64
Candidate Starts for Inchworm_30:

(Start: 64 @27642 has 272 MA's), (Start: 70 @27660 has 8 MA's), (91, 27711), (143, 27879), (169, 27957), (200, 28047), (207, 28071), (221, 28107), (239, 28164), (242, 28179), (243, 28188), (250, 28215), (251, 28218), (258, 28245), (272, 28308), (280, 28338), (284, 28344), (305, 28428), (307, 28437), (321, 28506), (327, 28542), (329, 28548), (333, 28560), (367, 28650), (375, 28668), (379, 28677), (386, 28695), (398, 28728),

Gene: Indlovu_27 Start: 27667, Stop: 28758, Start Num: 80
Candidate Starts for Indlovu_27:
(40, 27523), (51, 27586), (Start: 80 @27667 has 30 MA's), (86, 27676), (97, 27718), (99, 27724), (126, 27817), (149, 27880), (159, 27910), (160, 27913), (221, 28090), (233, 28129), (239, 28147), (240, 28150), (245, 28174), (251, 28201), (252, 28210), (262, 28243), (269, 28282), (280, 28321), (284, 28327), (307, 28417), (321, 28486), (327, 28522), (333, 28540), (352, 28588), (359, 28603), (361, 28609), (373, 28642), (375, 28648), (403, 28723), (404, 28726),

Gene: Inverness_30 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for Inverness_30:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: Iridessa_30 Start: 27355, Stop: 28467, Start Num: 64
Candidate Starts for Iridessa_30:
(Start: 64 @27355 has 272 MA's), (Start: 70 @27373 has 8 MA's), (91, 27424), (143, 27592), (169, 27670), (200, 27760), (207, 27784), (221, 27820), (239, 27877), (242, 27892), (243, 27901), (250, 27928), (251, 27931), (258, 27958), (272, 28021), (280, 28051), (284, 28057), (305, 28141), (307, 28150), (321, 28219), (327, 28255), (329, 28261), (333, 28273), (367, 28363), (375, 28381), (379, 28390), (386, 28408), (398, 28441),

Gene: Iridoclysis_30 Start: 27636, Stop: 28748, Start Num: 64
Candidate Starts for Iridoclysis_30:
(Start: 64 @27636 has 272 MA's), (Start: 70 @27654 has 8 MA's), (91, 27705), (143, 27873), (169, 27951), (200, 28041), (207, 28065), (221, 28101), (239, 28158), (242, 28173), (243, 28182), (250, 28209), (251, 28212), (258, 28239), (272, 28302), (280, 28332), (284, 28338), (305, 28422), (307, 28431), (321, 28500), (327, 28536), (329, 28542), (333, 28554), (367, 28644), (375, 28662), (379, 28671), (386, 28689), (398, 28722),

Gene: IsaacEli_30 Start: 27660, Stop: 28772, Start Num: 64
Candidate Starts for IsaacEli_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: ItsyBitsy1_31 Start: 28909, Stop: 29958, Start Num: 78
Candidate Starts for ItsyBitsy1_31:
(15, 28432), (17, 28477), (22, 28552), (28, 28648), (35, 28738), (Start: 43 @28798 has 1 MA's), (51, 28828), (Start: 52 @28831 has 1 MA's), (Start: 78 @28909 has 61 MA's), (97, 28957), (109, 28990), (121, 29041), (122, 29044), (145, 29107), (155, 29131), (193, 29254), (204, 29281), (207, 29293), (221, 29329), (234, 29371), (240, 29389), (245, 29413), (250, 29437), (252, 29449), (262, 29482), (269, 29521), (280, 29560), (294, 29608), (307, 29656), (311, 29677), (312, 29689), (320, 29722),

(321, 29725), (333, 29779), (347, 29815), (352, 29827), (359, 29842), (361, 29848), (373, 29875), (375, 29881), (378, 29887), (382, 29896),

Gene: JAMaL_27 Start: 28079, Stop: 29155, Start Num: 80
Candidate Starts for JAMaL_27:
(Start: 80 @28079 has 30 MA's), (86, 28088), (138, 28256), (155, 28313), (175, 28376), (181, 28394), (186, 28415), (200, 28451), (207, 28475), (221, 28511), (239, 28568), (242, 28583), (245, 28595), (250, 28619), (251, 28622), (258, 28649), (262, 28664), (272, 28712), (277, 28733), (280, 28742), (284, 28748), (305, 28829), (308, 28847), (314, 28889), (317, 28898), (324, 28922), (333, 28961), (341, 28979), (347, 28997), (352, 29009), (353, 29012), (375, 29069), (379, 29078),

Gene: JDog_29 Start: 27369, Stop: 28481, Start Num: 64
Candidate Starts for JDog_29:
(Start: 64 @27369 has 272 MA's), (Start: 70 @27387 has 8 MA's), (91, 27438), (113, 27513), (143, 27606), (156, 27639), (169, 27684), (200, 27774), (207, 27798), (221, 27834), (239, 27891), (242, 27906), (243, 27915), (250, 27942), (251, 27945), (258, 27972), (272, 28035), (280, 28065), (282, 28068), (284, 28071), (305, 28155), (307, 28164), (321, 28233), (327, 28269), (329, 28275), (333, 28287), (367, 28377), (375, 28395), (379, 28404), (386, 28422), (398, 28455),

Gene: JacAttac_30 Start: 27642, Stop: 28754, Start Num: 64
Candidate Starts for JacAttac_30:
(Start: 64 @27642 has 272 MA's), (Start: 70 @27660 has 8 MA's), (91, 27711), (143, 27879), (169, 27957), (200, 28047), (207, 28071), (221, 28107), (239, 28164), (242, 28179), (243, 28188), (250, 28215), (251, 28218), (258, 28245), (272, 28308), (280, 28338), (284, 28344), (305, 28428), (307, 28437), (321, 28506), (327, 28542), (329, 28548), (333, 28560), (367, 28650), (375, 28668), (379, 28677), (386, 28695), (398, 28728),

Gene: Jackstina_27 Start: 27496, Stop: 28539, Start Num: 74
Candidate Starts for Jackstina_27:
(Start: 43 @27391 has 1 MA's), (51, 27421), (Start: 74 @27496 has 54 MA's), (97, 27544), (117, 27610), (145, 27694), (155, 27718), (169, 27766), (177, 27787), (237, 27967), (239, 27973), (241, 27985), (258, 28054), (276, 28135), (302, 28222), (305, 28237), (311, 28267), (324, 28330), (342, 28390), (348, 28408), (350, 28414), (352, 28417), (361, 28438), (373, 28468), (375, 28474), (378, 28480), (382, 28489),

Gene: JaguarMi_27 Start: 27377, Stop: 28453, Start Num: 80
Candidate Starts for JaguarMi_27:
(Start: 80 @27377 has 30 MA's), (86, 27386), (122, 27515), (138, 27554), (145, 27578), (155, 27611), (175, 27674), (186, 27713), (200, 27749), (207, 27773), (221, 27809), (239, 27866), (242, 27881), (245, 27893), (250, 27917), (251, 27920), (262, 27962), (272, 28010), (280, 28040), (284, 28046), (305, 28127), (308, 28145), (314, 28187), (317, 28196), (324, 28220), (333, 28259), (347, 28295), (352, 28307), (375, 28367), (379, 28376),

Gene: JakeO_29 Start: 27372, Stop: 28484, Start Num: 64
Candidate Starts for JakeO_29:
(Start: 64 @27372 has 272 MA's), (Start: 70 @27390 has 8 MA's), (91, 27441), (113, 27516), (143, 27609), (156, 27642), (169, 27687), (200, 27777), (207, 27801), (221, 27837), (239, 27894), (242, 27909), (243, 27918), (250, 27945), (251, 27948), (258, 27975), (272, 28038), (284, 28074), (305, 28158), (307, 28167), (321, 28236), (327, 28272), (329, 28278), (333, 28290), (367, 28380), (375, 28398), (379, 28407), (386, 28425), (398, 28458),

Gene: JangoPhett_30 Start: 27643, Stop: 28755, Start Num: 64
Candidate Starts for JangoPhett_30:

(Start: 64 @27643 has 272 MA's), (Start: 70 @27661 has 8 MA's), (91, 27712), (143, 27880), (169, 27958), (200, 28048), (207, 28072), (221, 28108), (239, 28165), (242, 28180), (243, 28189), (250, 28216), (251, 28219), (258, 28246), (272, 28309), (280, 28339), (284, 28345), (305, 28429), (307, 28438), (321, 28507), (327, 28543), (329, 28549), (333, 28561), (367, 28651), (375, 28669), (379, 28678), (386, 28696), (398, 28729),

Gene: Jayden_40 Start: 28060, Stop: 29211, Start Num: 53
Candidate Starts for Jayden_40:
(Start: 53 @28060 has 12 MA's), (86, 28135), (90, 28150), (94, 28165), (112, 28231), (122, 28276), (128, 28297), (137, 28321), (151, 28375), (172, 28435), (188, 28489), (190, 28492), (198, 28510), (214, 28552), (227, 28585), (238, 28618), (245, 28648), (248, 28660), (253, 28687), (307, 28879), (310, 28894), (311, 28900), (319, 28942), (327, 28984), (336, 29014), (358, 29071), (381, 29131), (390, 29164), (392, 29170), (402, 29194),

Gene: Jefe_39 Start: 27602, Stop: 28804, Start Num: 46
Candidate Starts for Jefe_39:
(Start: 46 @27602 has 91 MA's), (63, 27638), (Start: 85 @27695 has 10 MA's), (121, 27830), (128, 27854), (137, 27878), (144, 27902), (166, 27983), (172, 28004), (188, 28058), (197, 28085), (200, 28091), (202, 28097), (209, 28115), (214, 28133), (238, 28202), (240, 28208), (253, 28271), (265, 28316), (280, 28388), (295, 28427), (326, 28562), (327, 28577), (333, 28595), (351, 28649), (358, 28664), (365, 28682), (381, 28724), (384, 28730), (392, 28763), (404, 28790), (408, 28796),

Gene: Jehoshaphat_41 Start: 31446, Stop: 32597, Start Num: 46
Candidate Starts for Jehoshaphat_41:
(5, 30870), (13, 31020), (33, 31350), (Start: 46 @31446 has 91 MA's), (68, 31479), (75, 31500), (Start: 85 @31518 has 10 MA's), (90, 31536), (121, 31656), (128, 31680), (172, 31812), (220, 31950), (254, 32079), (267, 32148), (285, 32202), (315, 32310), (327, 32361), (331, 32373), (374, 32490), (384, 32514), (392, 32547), (409, 32586),

Gene: Jeon_23 Start: 26201, Stop: 27238, Start Num: 78
Candidate Starts for Jeon_23:
(Start: 78 @26201 has 61 MA's), (90, 26222), (91, 26225), (97, 26249), (109, 26282), (132, 26354), (136, 26357), (143, 26384), (145, 26390), (155, 26414), (186, 26516), (204, 26564), (221, 26612), (234, 26654), (239, 26669), (240, 26672), (242, 26684), (245, 26696), (252, 26732), (272, 26813), (276, 26831), (280, 26843), (282, 26846), (293, 26888), (305, 26930), (311, 26960), (312, 26972), (325, 27026), (342, 27083), (347, 27098), (354, 27116), (359, 27125), (361, 27131), (364, 27137), (373, 27158), (375, 27164), (382, 27179), (402, 27227),

Gene: Jesabah_30 Start: 27375, Stop: 28487, Start Num: 64
Candidate Starts for Jesabah_30:
(Start: 64 @27375 has 272 MA's), (Start: 70 @27393 has 8 MA's), (91, 27444), (113, 27519), (143, 27612), (156, 27645), (169, 27690), (200, 27780), (207, 27804), (221, 27840), (239, 27897), (242, 27912), (243, 27921), (250, 27948), (251, 27951), (258, 27978), (272, 28041), (284, 28077), (305, 28161), (307, 28170), (321, 28239), (327, 28275), (329, 28281), (333, 28293), (367, 28383), (375, 28401), (379, 28410), (386, 28428), (398, 28461),

Gene: Jillium_29 Start: 27366, Stop: 28478, Start Num: 64
Candidate Starts for Jillium_29:
(Start: 64 @27366 has 272 MA's), (Start: 70 @27384 has 8 MA's), (91, 27435), (143, 27603), (156, 27636), (169, 27681), (200, 27771), (207, 27795), (221, 27831), (239, 27888), (242, 27903), (243, 27912), (250, 27939), (251, 27942), (258, 27969), (272, 28032), (284, 28068), (305, 28152), (307, 28161), (321, 28230), (327, 28266), (329, 28272), (333, 28284), (367, 28374), (375, 28392), (379, 28401), (386, 28419), (398, 28452),

Gene: Jiminy_29 Start: 27210, Stop: 28322, Start Num: 64
Candidate Starts for Jiminy_29:
(Start: 64 @27210 has 272 MA's), (Start: 70 @27228 has 8 MA's), (91, 27279), (113, 27354), (143, 27447), (156, 27480), (169, 27525), (200, 27615), (207, 27639), (221, 27675), (239, 27732), (242, 27747), (243, 27756), (250, 27783), (251, 27786), (258, 27813), (272, 27876), (280, 27906), (282, 27909), (284, 27912), (305, 27996), (307, 28005), (321, 28074), (327, 28110), (329, 28116), (333, 28128), (367, 28218), (375, 28236), (379, 28245), (386, 28263), (398, 28296),

Gene: Jiraiya_29 Start: 27363, Stop: 28475, Start Num: 64
Candidate Starts for Jiraiya_29:
(Start: 64 @27363 has 272 MA's), (Start: 70 @27381 has 8 MA's), (91, 27432), (113, 27507), (143, 27600), (156, 27633), (169, 27678), (200, 27768), (207, 27792), (221, 27828), (239, 27885), (242, 27900), (243, 27909), (250, 27936), (251, 27939), (258, 27966), (272, 28029), (284, 28065), (305, 28149), (307, 28158), (321, 28227), (327, 28263), (329, 28269), (333, 28281), (367, 28371), (375, 28389), (379, 28398), (386, 28416), (398, 28449),

Gene: Jolie1_025 Start: 26479, Stop: 27567, Start Num: 71
Candidate Starts for Jolie1_025:
(Start: 70 @26476 has 8 MA's), (Start: 71 @26479 has 2 MA's), (Start: 85 @26506 has 10 MA's), (90, 26524), (145, 26701), (159, 26743), (160, 26746), (207, 26887), (221, 26923), (234, 26965), (239, 26980), (250, 27031), (258, 27061), (262, 27076), (272, 27124), (280, 27154), (284, 27160), (305, 27241), (307, 27250), (324, 27334), (333, 27373), (341, 27391), (361, 27442), (375, 27481), (379, 27490), (395, 27535),

Gene: Jollipop_39 Start: 27941, Stop: 29143, Start Num: 46
Candidate Starts for Jollipop_39:
(Start: 46 @27941 has 91 MA's), (63, 27977), (Start: 85 @28034 has 10 MA's), (121, 28169), (128, 28193), (137, 28217), (144, 28241), (166, 28322), (172, 28343), (188, 28397), (197, 28424), (200, 28430), (202, 28436), (209, 28454), (214, 28472), (238, 28541), (240, 28547), (253, 28610), (265, 28655), (280, 28727), (295, 28766), (326, 28901), (327, 28916), (333, 28934), (351, 28988), (358, 29003), (365, 29021), (384, 29069), (392, 29102), (404, 29129), (408, 29135),

Gene: Jollymon_58 Start: 37457, Stop: 38605, Start Num: 77
Candidate Starts for Jollymon_58:
(Start: 77 @37457 has 5 MA's), (106, 37538), (108, 37544), (110, 37553), (179, 37751), (197, 37808), (205, 37829), (214, 37859), (216, 37865), (230, 37904), (231, 37910), (240, 37937), (242, 37949), (245, 37961), (253, 38000), (269, 38069), (272, 38078), (277, 38099), (288, 38129), (297, 38168), (309, 38219), (352, 38390), (353, 38393), (361, 38411), (364, 38417), (369, 38438), (372, 38444), (375, 38453),

Gene: JoyceMaria_27 Start: 27895, Stop: 28971, Start Num: 80
Candidate Starts for JoyceMaria_27:
(Start: 80 @27895 has 30 MA's), (86, 27904), (138, 28072), (155, 28129), (175, 28192), (186, 28231), (200, 28267), (207, 28291), (221, 28327), (239, 28384), (242, 28399), (245, 28411), (250, 28435), (251, 28438), (262, 28480), (272, 28528), (277, 28549), (280, 28558), (284, 28564), (305, 28645), (308, 28663), (314, 28705), (317, 28714), (324, 28738), (333, 28777), (341, 28795), (347, 28813), (352, 28825), (353, 28828), (375, 28885), (379, 28894),

Gene: Judebell_41 Start: 30949, Stop: 32094, Start Num: 46
Candidate Starts for Judebell_41:
(5, 30373), (13, 30523), (33, 30853), (Start: 46 @30949 has 91 MA's), (68, 30976), (75, 30997), (Start: 79 @31006 has 1 MA's), (Start: 85 @31015 has 10 MA's), (90, 31033), (121, 31153), (128, 31177),

(172, 31309), (220, 31447), (254, 31576), (267, 31645), (285, 31699), (315, 31807), (327, 31858), (331, 31870), (374, 31987), (384, 32011), (392, 32044), (409, 32083),

Gene: KLucky39_30 Start: 27654, Stop: 28766, Start Num: 64
Candidate Starts for KLucky39_30:
(Start: 64 @27654 has 272 MA's), (Start: 70 @27672 has 8 MA's), (91, 27723), (143, 27891), (169, 27969), (200, 28059), (207, 28083), (221, 28119), (239, 28176), (242, 28191), (243, 28200), (250, 28227), (251, 28230), (258, 28257), (272, 28320), (280, 28350), (284, 28356), (305, 28440), (307, 28449), (321, 28518), (327, 28554), (329, 28560), (333, 28572), (367, 28662), (375, 28680), (379, 28689), (386, 28707), (398, 28740),

Gene: Kahve_29 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Kahve_29:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (143, 27607), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: KaiHaiDragon_39 Start: 27541, Stop: 28743, Start Num: 46
Candidate Starts for KaiHaiDragon_39:
(Start: 46 @27541 has 91 MA's), (63, 27577), (Start: 85 @27634 has 10 MA's), (121, 27769), (128, 27793), (137, 27817), (144, 27841), (166, 27922), (172, 27943), (188, 27997), (197, 28024), (200, 28030), (202, 28036), (209, 28054), (214, 28072), (238, 28141), (240, 28147), (253, 28210), (265, 28255), (295, 28366), (304, 28393), (326, 28501), (327, 28516), (333, 28534), (351, 28588), (358, 28603), (365, 28621), (381, 28663), (384, 28669), (392, 28702), (404, 28729), (408, 28735),

Gene: Kailash_30 Start: 27708, Stop: 28820, Start Num: 64
Candidate Starts for Kailash_30:
(Start: 64 @27708 has 272 MA's), (Start: 70 @27726 has 8 MA's), (91, 27777), (113, 27852), (143, 27945), (156, 27978), (169, 28023), (200, 28113), (207, 28137), (221, 28173), (239, 28230), (242, 28245), (243, 28254), (250, 28281), (251, 28284), (258, 28311), (272, 28374), (284, 28410), (305, 28494), (307, 28503), (321, 28572), (327, 28608), (329, 28614), (333, 28626), (367, 28716), (375, 28734), (379, 28743), (386, 28761), (398, 28794),

Gene: Kaleb_31 Start: 29042, Stop: 30091, Start Num: 78
Candidate Starts for Kaleb_31:
(15, 28565), (17, 28610), (22, 28685), (28, 28781), (35, 28871), (Start: 43 @28931 has 1 MA's), (51, 28961), (Start: 52 @28964 has 1 MA's), (Start: 78 @29042 has 61 MA's), (97, 29090), (109, 29123), (121, 29174), (122, 29177), (145, 29240), (155, 29264), (193, 29387), (204, 29414), (207, 29426), (221, 29462), (234, 29504), (240, 29522), (245, 29546), (250, 29570), (252, 29582), (262, 29615), (269, 29654), (280, 29693), (294, 29741), (307, 29789), (311, 29810), (312, 29822), (320, 29855), (321, 29858), (333, 29912), (347, 29948), (352, 29960), (359, 29975), (361, 29981), (373, 30008), (375, 30014), (378, 30020), (382, 30029),

Gene: Kamiyu_30 Start: 27542, Stop: 28585, Start Num: 74
Candidate Starts for Kamiyu_30:
(Start: 43 @27437 has 1 MA's), (51, 27467), (Start: 74 @27542 has 54 MA's), (97, 27590), (117, 27656), (145, 27740), (155, 27764), (169, 27812), (177, 27833), (239, 28019), (241, 28031), (258, 28100), (276, 28181), (302, 28268), (305, 28283), (311, 28313), (324, 28376), (342, 28436), (348, 28454), (350, 28460), (352, 28463), (361, 28484), (373, 28514), (375, 28520), (378, 28526), (382, 28535),

Gene: KarasumaRum_31 Start: 28042, Stop: 29127, Start Num: 72
Candidate Starts for KarasumaRum_31:
(Start: 72 @28042 has 10 MA's), (143, 28249), (145, 28255), (154, 28276), (155, 28279), (159, 28297), (169, 28327), (207, 28441), (239, 28534), (251, 28588), (264, 28636), (276, 28696), (280, 28708), (284, 28714), (286, 28720), (291, 28735), (293, 28753), (314, 28855), (347, 28963), (352, 28975), (359, 28990), (375, 29035), (379, 29044),

Gene: Karn_29 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Karn_29:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (113, 27514), (143, 27607), (156, 27640), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: Katniss_30 Start: 27669, Stop: 28781, Start Num: 64
Candidate Starts for Katniss_30:
(Start: 64 @27669 has 272 MA's), (Start: 70 @27687 has 8 MA's), (91, 27738), (143, 27906), (169, 27984), (200, 28074), (207, 28098), (221, 28134), (239, 28191), (242, 28206), (243, 28215), (250, 28242), (251, 28245), (258, 28272), (272, 28335), (280, 28365), (284, 28371), (305, 28455), (307, 28464), (321, 28533), (327, 28569), (329, 28575), (333, 28587), (367, 28677), (375, 28695), (379, 28704), (386, 28722), (398, 28755),

Gene: KayaCho_25 Start: 26481, Stop: 27569, Start Num: 71
Candidate Starts for KayaCho_25:
(Start: 71 @26481 has 2 MA's), (Start: 85 @26508 has 10 MA's), (90, 26526), (159, 26745), (160, 26748), (207, 26889), (221, 26925), (234, 26967), (239, 26982), (250, 27033), (251, 27036), (258, 27063), (262, 27078), (272, 27126), (280, 27156), (284, 27162), (305, 27243), (307, 27252), (324, 27336), (333, 27375), (375, 27483), (379, 27492), (395, 27537),

Gene: Keitherie_30 Start: 27701, Stop: 28813, Start Num: 64
Candidate Starts for Keitherie_30:
(Start: 64 @27701 has 272 MA's), (Start: 70 @27719 has 8 MA's), (91, 27770), (113, 27845), (143, 27938), (156, 27971), (169, 28016), (200, 28106), (207, 28130), (221, 28166), (239, 28223), (242, 28238), (243, 28247), (250, 28274), (251, 28277), (258, 28304), (272, 28367), (280, 28397), (282, 28400), (284, 28403), (305, 28487), (307, 28496), (321, 28565), (327, 28601), (329, 28607), (333, 28619), (367, 28709), (375, 28727), (379, 28736), (386, 28754), (398, 28787),

Gene: Kelcole_37 Start: 29980, Stop: 31128, Start Num: 46
Candidate Starts for Kelcole_37:
(13, 29554), (25, 29794), (31, 29869), (33, 29884), (Start: 45 @29977 has 5 MA's), (Start: 46 @29980 has 91 MA's), (68, 30013), (121, 30190), (128, 30214), (142, 30256), (149, 30280), (155, 30304), (172, 30346), (192, 30409), (214, 30466), (220, 30484), (242, 30556), (327, 30895), (331, 30907), (374, 31024), (390, 31075), (408, 31117),

Gene: Khan1_30 Start: 27390, Stop: 28502, Start Num: 64
Candidate Starts for Khan1_30:
(Start: 64 @27390 has 272 MA's), (Start: 70 @27408 has 8 MA's), (91, 27459), (113, 27534), (143, 27627), (156, 27660), (169, 27705), (200, 27795), (207, 27819), (221, 27855), (239, 27912), (242, 27927), (243, 27936), (250, 27963), (251, 27966), (258, 27993), (272, 28056), (284, 28092), (305, 28176), (307, 28185), (321, 28254), (327, 28290), (329, 28296), (333, 28308), (367, 28398), (375, 28416), (379, 28425), (386, 28443), (398, 28476),

Gene: Kheth_31 Start: 28927, Stop: 29976, Start Num: 78
Candidate Starts for Kheth_31:
(28, 28666), (35, 28756), (Start: 43 @28816 has 1 MA's), (51, 28846), (Start: 52 @28849 has 1 MA's), (Start: 78 @28927 has 61 MA's), (97, 28975), (109, 29008), (121, 29059), (122, 29062), (145, 29125), (155, 29149), (193, 29272), (204, 29299), (207, 29311), (221, 29347), (234, 29389), (240, 29407), (245, 29431), (250, 29455), (252, 29467), (262, 29500), (269, 29539), (280, 29578), (294, 29626), (307, 29674), (311, 29695), (312, 29707), (320, 29740), (321, 29743), (333, 29797), (347, 29833), (352, 29845), (359, 29860), (361, 29866), (373, 29893), (375, 29899), (378, 29905), (382, 29914),

Gene: Kikipoo_30 Start: 27660, Stop: 28772, Start Num: 64
Candidate Starts for Kikipoo_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: KillerQueen_39 Start: 29775, Stop: 30923, Start Num: 46
Candidate Starts for KillerQueen_39:
(13, 29349), (25, 29589), (31, 29664), (33, 29679), (Start: 45 @29772 has 5 MA's), (Start: 46 @29775 has 91 MA's), (68, 29808), (121, 29985), (128, 30009), (142, 30051), (155, 30099), (172, 30141), (192, 30204), (214, 30261), (220, 30279), (242, 30351), (327, 30690), (331, 30702), (374, 30819), (390, 30870), (408, 30912),

Gene: Kimbrough_30 Start: 27362, Stop: 28474, Start Num: 64
Candidate Starts for Kimbrough_30:
(Start: 64 @27362 has 272 MA's), (Start: 70 @27380 has 8 MA's), (91, 27431), (143, 27599), (169, 27677), (200, 27767), (207, 27791), (221, 27827), (239, 27884), (242, 27899), (243, 27908), (250, 27935), (251, 27938), (258, 27965), (272, 28028), (280, 28058), (284, 28064), (305, 28148), (307, 28157), (321, 28226), (327, 28262), (329, 28268), (333, 28280), (367, 28370), (375, 28388), (379, 28397), (386, 28415), (398, 28448),

Gene: KingTut_21 Start: 23031, Stop: 24143, Start Num: 64
Candidate Starts for KingTut_21:
(Start: 64 @23031 has 272 MA's), (Start: 70 @23049 has 8 MA's), (91, 23100), (143, 23268), (169, 23346), (200, 23436), (207, 23460), (221, 23496), (239, 23553), (242, 23568), (243, 23577), (250, 23604), (251, 23607), (258, 23634), (272, 23697), (280, 23727), (284, 23733), (305, 23817), (307, 23826), (321, 23895), (327, 23931), (329, 23937), (333, 23949), (367, 24039), (375, 24057), (379, 24066), (386, 24084), (398, 24117),

Gene: KingVeVeVe_30 Start: 27653, Stop: 28747, Start Num: 70
Candidate Starts for KingVeVeVe_30:
(Start: 64 @27635 has 272 MA's), (Start: 70 @27653 has 8 MA's), (91, 27704), (143, 27872), (169, 27950), (200, 28040), (207, 28064), (221, 28100), (239, 28157), (242, 28172), (243, 28181), (250, 28208), (251, 28211), (258, 28238), (272, 28301), (280, 28331), (284, 28337), (305, 28421), (307, 28430), (321, 28499), (327, 28535), (329, 28541), (333, 28553), (367, 28643), (375, 28661), (379, 28670), (386, 28688), (398, 28721),

Gene: KingstonB_59 Start: 36936, Stop: 38084, Start Num: 77
Candidate Starts for KingstonB_59:
(Start: 77 @36936 has 5 MA's), (106, 37017), (108, 37023), (110, 37032), (179, 37230), (197, 37287), (205, 37308), (214, 37338), (216, 37344), (230, 37383), (231, 37389), (240, 37416), (242, 37428), (245, 37440), (253, 37479), (269, 37548), (272, 37557), (277, 37578), (288, 37608), (297, 37647),

(309, 37698), (352, 37869), (361, 37890), (364, 37896), (369, 37917), (372, 37923), (375, 37932),

Gene: Kithara_38 Start: 32039, Stop: 33163, Start Num: 52
Candidate Starts for Kithara_38:
(Start: 52 @32039 has 1 MA's), (139, 32315), (156, 32381), (185, 32426), (187, 32435), (192, 32447), (238, 32561), (250, 32618), (255, 32639), (269, 32714), (323, 32894), (333, 32936), (343, 32972), (349, 32987), (350, 32990), (355, 33002), (358, 33008), (363, 33020), (374, 33053), (381, 33071), (392, 33110),

Gene: KlimbOn_30 Start: 27648, Stop: 28760, Start Num: 64
Candidate Starts for KlimbOn_30:
(Start: 64 @27648 has 272 MA's), (Start: 70 @27666 has 8 MA's), (91, 27717), (143, 27885), (169, 27963), (200, 28053), (207, 28077), (221, 28113), (239, 28170), (242, 28185), (243, 28194), (250, 28221), (251, 28224), (258, 28251), (272, 28314), (280, 28344), (284, 28350), (305, 28434), (307, 28443), (321, 28512), (327, 28548), (329, 28554), (333, 28566), (367, 28656), (375, 28674), (379, 28683), (386, 28701), (398, 28734),

Gene: Kloppinator_30 Start: 27671, Stop: 28783, Start Num: 64
Candidate Starts for Kloppinator_30:
(Start: 64 @27671 has 272 MA's), (Start: 70 @27689 has 8 MA's), (91, 27740), (143, 27908), (169, 27986), (200, 28076), (207, 28100), (221, 28136), (239, 28193), (242, 28208), (243, 28217), (250, 28244), (251, 28247), (258, 28274), (272, 28337), (280, 28367), (284, 28373), (305, 28457), (307, 28466), (321, 28535), (327, 28571), (329, 28577), (333, 28589), (367, 28679), (375, 28697), (379, 28706), (386, 28724), (398, 28757),

Gene: Knocker_31 Start: 30345, Stop: 31415, Start Num: 80
Candidate Starts for Knocker_31:
(62, 30291), (Start: 80 @30345 has 30 MA's), (86, 30354), (97, 30396), (99, 30402), (104, 30414), (129, 30501), (138, 30522), (141, 30531), (148, 30555), (154, 30567), (172, 30624), (174, 30630), (204, 30720), (207, 30732), (209, 30735), (233, 30807), (234, 30810), (239, 30825), (250, 30876), (251, 30879), (258, 30906), (259, 30912), (271, 30966), (272, 30969), (280, 30999), (284, 31005), (292, 31038), (298, 31059), (305, 31086), (307, 31095), (308, 31104), (327, 31200), (332, 31215), (333, 31218), (350, 31263), (352, 31266), (354, 31272), (371, 31314), (373, 31320), (375, 31326), (386, 31353), (407, 31395),

Gene: Kolhan_31 Start: 28921, Stop: 29970, Start Num: 78
Candidate Starts for Kolhan_31:
(15, 28444), (17, 28489), (22, 28564), (28, 28660), (35, 28750), (Start: 43 @28810 has 1 MA's), (51, 28840), (Start: 52 @28843 has 1 MA's), (Start: 78 @28921 has 61 MA's), (97, 28969), (109, 29002), (121, 29053), (122, 29056), (145, 29119), (155, 29143), (193, 29266), (204, 29293), (207, 29305), (221, 29341), (234, 29383), (240, 29401), (245, 29425), (250, 29449), (252, 29461), (262, 29494), (269, 29533), (280, 29572), (294, 29620), (307, 29668), (311, 29689), (312, 29701), (319, 29731), (320, 29734), (321, 29737), (333, 29791), (347, 29827), (352, 29839), (359, 29854), (361, 29860), (373, 29887), (375, 29893), (378, 29899), (382, 29908),

Gene: Kowalski_38 Start: 27651, Stop: 28853, Start Num: 46
Candidate Starts for Kowalski_38:
(Start: 46 @27651 has 91 MA's), (63, 27687), (Start: 85 @27744 has 10 MA's), (121, 27879), (128, 27903), (137, 27927), (144, 27951), (166, 28032), (172, 28053), (188, 28107), (197, 28134), (200, 28140), (202, 28146), (209, 28164), (214, 28182), (238, 28251), (240, 28257), (253, 28320), (265, 28365), (280, 28437), (295, 28476), (326, 28611), (327, 28626), (333, 28644), (351, 28698), (358, 28713), (365, 28731), (384, 28779), (392, 28812), (404, 28839), (408, 28845),

Gene: Kozie_35 Start: 27238, Stop: 28389, Start Num: 53
Candidate Starts for Kozie_35:
(Start: 53 @27238 has 12 MA's), (86, 27313), (89, 27319), (90, 27328), (128, 27475), (137, 27499), (172, 27613), (188, 27667), (214, 27730), (227, 27763), (238, 27796), (239, 27799), (240, 27802), (245, 27826), (248, 27838), (250, 27850), (253, 27865), (269, 27943), (295, 28012), (310, 28072), (311, 28078), (319, 28120), (331, 28174), (336, 28192), (358, 28249), (381, 28309), (392, 28348), (402, 28372),

Gene: Kronus_29 Start: 28156, Stop: 29199, Start Num: 74
Candidate Starts for Kronus_29:
(Start: 43 @28051 has 1 MA's), (51, 28081), (Start: 74 @28156 has 54 MA's), (97, 28204), (117, 28270), (145, 28354), (155, 28378), (161, 28402), (169, 28426), (177, 28447), (239, 28633), (241, 28645), (258, 28714), (276, 28795), (302, 28882), (305, 28897), (311, 28927), (324, 28990), (342, 29050), (348, 29068), (350, 29074), (352, 29077), (361, 29098), (373, 29128), (375, 29134), (378, 29140), (382, 29149),

Gene: Kubulix_39 Start: 27820, Stop: 28953, Start Num: 60
Candidate Starts for Kubulix_39:
(Start: 60 @27820 has 18 MA's), (83, 27886), (90, 27907), (103, 27955), (112, 27985), (115, 27994), (121, 28021), (150, 28114), (156, 28138), (183, 28180), (187, 28192), (192, 28204), (218, 28264), (240, 28342), (251, 28396), (257, 28423), (273, 28501), (280, 28525), (304, 28594), (329, 28708), (330, 28711), (333, 28720), (351, 28774), (358, 28789), (360, 28795), (363, 28801), (365, 28807), (374, 28831), (381, 28849), (406, 28924),

Gene: Kwadwo_29 Start: 27352, Stop: 28464, Start Num: 64
Candidate Starts for Kwadwo_29:
(Start: 64 @27352 has 272 MA's), (Start: 70 @27370 has 8 MA's), (91, 27421), (143, 27589), (169, 27667), (200, 27757), (207, 27781), (221, 27817), (239, 27874), (242, 27889), (243, 27898), (250, 27925), (251, 27928), (258, 27955), (272, 28018), (280, 28048), (284, 28054), (305, 28138), (307, 28147), (321, 28216), (327, 28252), (329, 28258), (333, 28270), (367, 28360), (375, 28378), (379, 28387), (386, 28405), (398, 28438),

Gene: Kwksand96_29 Start: 27220, Stop: 28332, Start Num: 64
Candidate Starts for Kwksand96_29:
(Start: 64 @27220 has 272 MA's), (Start: 70 @27238 has 8 MA's), (91, 27289), (113, 27364), (143, 27457), (156, 27490), (169, 27535), (200, 27625), (207, 27649), (221, 27685), (239, 27742), (242, 27757), (243, 27766), (250, 27793), (251, 27796), (258, 27823), (272, 27886), (284, 27922), (305, 28006), (307, 28015), (321, 28084), (327, 28120), (329, 28126), (333, 28138), (367, 28228), (375, 28246), (379, 28255), (386, 28273), (398, 28306),

Gene: Kyva_41 Start: 31176, Stop: 32327, Start Num: 46
Candidate Starts for Kyva_41:
(5, 30600), (13, 30750), (33, 31080), (Start: 46 @31176 has 91 MA's), (68, 31209), (75, 31230), (Start: 85 @31248 has 10 MA's), (90, 31266), (121, 31386), (128, 31410), (172, 31542), (220, 31680), (254, 31809), (267, 31878), (285, 31932), (315, 32040), (327, 32091), (331, 32103), (374, 32220), (384, 32244), (392, 32277), (409, 32316),

Gene: Labeouficaum_29 Start: 27216, Stop: 28328, Start Num: 64
Candidate Starts for Labeouficaum_29:
(Start: 64 @27216 has 272 MA's), (Start: 70 @27234 has 8 MA's), (91, 27285), (113, 27360), (143, 27453), (156, 27486), (169, 27531), (200, 27621), (207, 27645), (221, 27681), (239, 27738), (242, 27753), (243, 27762), (250, 27789), (251, 27792), (258, 27819), (272, 27882), (284, 27918), (305, 28002), (307, 28011), (321, 28080), (327, 28116), (329, 28122), (333, 28134), (367, 28224), (375,

28242), (379, 28251), (386, 28269), (398, 28302),

Gene: Lambano_26 Start: 26880, Stop: 27956, Start Num: 80
Candidate Starts for Lambano_26:
(Start: 80 @26880 has 30 MA's), (86, 26889), (138, 27057), (155, 27114), (175, 27177), (186, 27216), (200, 27252), (207, 27276), (221, 27312), (239, 27369), (242, 27384), (245, 27396), (250, 27420), (251, 27423), (262, 27465), (272, 27513), (277, 27534), (280, 27543), (284, 27549), (305, 27630), (308, 27648), (314, 27690), (317, 27699), (324, 27723), (333, 27762), (341, 27780), (347, 27798), (352, 27810), (375, 27870), (379, 27879),

Gene: Lars_31 Start: 29032, Stop: 30081, Start Num: 78
Candidate Starts for Lars_31:
(15, 28555), (17, 28600), (22, 28675), (28, 28771), (35, 28861), (Start: 43 @28921 has 1 MA's), (51, 28951), (Start: 52 @28954 has 1 MA's), (Start: 78 @29032 has 61 MA's), (97, 29080), (109, 29113), (121, 29164), (122, 29167), (145, 29230), (155, 29254), (193, 29377), (204, 29404), (207, 29416), (221, 29452), (234, 29494), (240, 29512), (245, 29536), (250, 29560), (252, 29572), (262, 29605), (269, 29644), (280, 29683), (294, 29731), (307, 29779), (311, 29800), (312, 29812), (320, 29845), (321, 29848), (333, 29902), (347, 29938), (352, 29950), (359, 29965), (361, 29971), (373, 29998), (375, 30004), (378, 30010), (382, 30019),

Gene: Larson_31 Start: 27699, Stop: 28811, Start Num: 64
Candidate Starts for Larson_31:
(Start: 64 @27699 has 272 MA's), (Start: 70 @27717 has 8 MA's), (91, 27768), (113, 27843), (143, 27936), (156, 27969), (169, 28014), (200, 28104), (207, 28128), (221, 28164), (239, 28221), (242, 28236), (243, 28245), (250, 28272), (251, 28275), (258, 28302), (272, 28365), (280, 28395), (282, 28398), (284, 28401), (305, 28485), (307, 28494), (321, 28563), (327, 28599), (329, 28605), (333, 28617), (367, 28707), (375, 28725), (379, 28734), (386, 28752), (398, 28785),

Gene: LasagnaCat_30 Start: 27654, Stop: 28766, Start Num: 64
Candidate Starts for LasagnaCat_30:
(Start: 64 @27654 has 272 MA's), (Start: 70 @27672 has 8 MA's), (91, 27723), (113, 27798), (143, 27891), (156, 27924), (169, 27969), (200, 28059), (207, 28083), (221, 28119), (239, 28176), (242, 28191), (243, 28200), (250, 28227), (251, 28230), (258, 28257), (272, 28320), (284, 28356), (305, 28440), (307, 28449), (321, 28518), (327, 28554), (329, 28560), (333, 28572), (367, 28662), (375, 28680), (379, 28689), (386, 28707), (398, 28740),

Gene: Lasso_30 Start: 27627, Stop: 28739, Start Num: 64
Candidate Starts for Lasso_30:
(Start: 64 @27627 has 272 MA's), (Start: 70 @27645 has 8 MA's), (91, 27696), (143, 27864), (169, 27942), (200, 28032), (207, 28056), (221, 28092), (239, 28149), (242, 28164), (243, 28173), (250, 28200), (251, 28203), (258, 28230), (272, 28293), (280, 28323), (284, 28329), (305, 28413), (307, 28422), (321, 28491), (327, 28527), (329, 28533), (333, 28545), (367, 28635), (375, 28653), (379, 28662), (386, 28680), (398, 28713),

Gene: Laurie_31 Start: 28916, Stop: 29965, Start Num: 78
Candidate Starts for Laurie_31:
(Start: 78 @28916 has 61 MA's), (97, 28964), (109, 28997), (121, 29048), (122, 29051), (145, 29114), (155, 29138), (193, 29261), (204, 29288), (207, 29300), (221, 29336), (233, 29375), (234, 29378), (240, 29396), (245, 29420), (250, 29444), (252, 29456), (262, 29489), (269, 29528), (280, 29567), (307, 29663), (311, 29684), (312, 29696), (320, 29729), (321, 29732), (333, 29786), (347, 29822), (352, 29834), (359, 29849), (361, 29855), (373, 29882), (375, 29888), (378, 29894), (382, 29903),

Gene: Leaf_79 Start: 50740, Stop: 51936, Start Num: 46

Candidate Starts for Leaf_79:
(31, 50629), (Start: 46 @50740 has 91 MA's), (54, 50746), (67, 50785), (68, 50788), (90, 50845), (99, 50878), (112, 50929), (118, 50950), (135, 51004), (137, 51013), (143, 51034), (146, 51043), (147, 51046), (168, 51115), (172, 51127), (176, 51139), (188, 51181), (202, 51220), (214, 51256), (220, 51274), (238, 51325), (298, 51568), (307, 51604), (330, 51718), (331, 51721), (333, 51727), (348, 51772), (351, 51781), (355, 51790), (358, 51796), (370, 51829), (384, 51862), (392, 51895), (402, 51919), (408, 51928),

Gene: LeeLot_30 Start: 27658, Stop: 28770, Start Num: 64
Candidate Starts for LeeLot_30:
(Start: 64 @27658 has 272 MA's), (Start: 70 @27676 has 8 MA's), (91, 27727), (143, 27895), (169, 27973), (200, 28063), (207, 28087), (221, 28123), (239, 28180), (242, 28195), (243, 28204), (250, 28231), (251, 28234), (258, 28261), (272, 28324), (280, 28354), (284, 28360), (305, 28444), (307, 28453), (321, 28522), (327, 28558), (329, 28564), (333, 28576), (367, 28666), (375, 28684), (379, 28693), (386, 28711), (398, 28744),

Gene: Lego3393_30 Start: 27663, Stop: 28775, Start Num: 64
Candidate Starts for Lego3393_30:
(Start: 64 @27663 has 272 MA's), (Start: 70 @27681 has 8 MA's), (91, 27732), (143, 27900), (169, 27978), (200, 28068), (207, 28092), (221, 28128), (239, 28185), (242, 28200), (243, 28209), (250, 28236), (251, 28239), (258, 28266), (272, 28329), (280, 28359), (284, 28365), (305, 28449), (307, 28458), (321, 28527), (327, 28563), (329, 28569), (333, 28581), (367, 28671), (375, 28689), (379, 28698), (386, 28716), (398, 28749),

Gene: Legolas_29 Start: 27368, Stop: 28480, Start Num: 64
Candidate Starts for Legolas_29:
(Start: 64 @27368 has 272 MA's), (Start: 70 @27386 has 8 MA's), (91, 27437), (143, 27605), (169, 27683), (200, 27773), (207, 27797), (221, 27833), (239, 27890), (242, 27905), (243, 27914), (250, 27941), (251, 27944), (258, 27971), (272, 28034), (280, 28064), (284, 28070), (305, 28154), (307, 28163), (321, 28232), (327, 28268), (329, 28274), (333, 28286), (367, 28376), (375, 28394), (379, 28403), (386, 28421), (398, 28454),

Gene: Lehmann_30 Start: 27191, Stop: 28303, Start Num: 64
Candidate Starts for Lehmann_30:
(Start: 64 @27191 has 272 MA's), (Start: 70 @27209 has 8 MA's), (91, 27260), (143, 27428), (169, 27506), (200, 27596), (207, 27620), (221, 27656), (239, 27713), (242, 27728), (243, 27737), (250, 27764), (251, 27767), (258, 27794), (272, 27857), (280, 27887), (284, 27893), (305, 27977), (307, 27986), (321, 28055), (327, 28091), (329, 28097), (333, 28109), (367, 28199), (375, 28217), (379, 28226), (386, 28244), (398, 28277),

Gene: LeiMonet_30 Start: 27359, Stop: 28471, Start Num: 64
Candidate Starts for LeiMonet_30:
(Start: 64 @27359 has 272 MA's), (Start: 70 @27377 has 8 MA's), (91, 27428), (143, 27596), (169, 27674), (200, 27764), (207, 27788), (221, 27824), (239, 27881), (242, 27896), (243, 27905), (250, 27932), (251, 27935), (258, 27962), (272, 28025), (280, 28055), (284, 28061), (305, 28145), (307, 28154), (321, 28223), (327, 28259), (329, 28265), (333, 28277), (367, 28367), (375, 28385), (379, 28394), (386, 28412), (398, 28445),

Gene: LemonSlice_30 Start: 27355, Stop: 28467, Start Num: 64
Candidate Starts for LemonSlice_30:
(Start: 64 @27355 has 272 MA's), (Start: 70 @27373 has 8 MA's), (91, 27424), (143, 27592), (169, 27670), (200, 27760), (207, 27784), (221, 27820), (239, 27877), (242, 27892), (243, 27901), (250, 27928), (251, 27931), (258, 27958), (272, 28021), (280, 28051), (284, 28057), (305, 28141), (307,

28150), (321, 28219), (327, 28255), (329, 28261), (333, 28273), (367, 28363), (375, 28381), (379, 28390), (386, 28408), (398, 28441),

Gene: Lephleur_31 Start: 28925, Stop: 29974, Start Num: 78
Candidate Starts for Lephleur_31:
(28, 28664), (35, 28754), (Start: 43 @28814 has 1 MA's), (51, 28844), (Start: 52 @28847 has 1 MA's), (Start: 78 @28925 has 61 MA's), (97, 28973), (109, 29006), (121, 29057), (122, 29060), (145, 29123), (155, 29147), (193, 29270), (204, 29297), (207, 29309), (221, 29345), (234, 29387), (240, 29405), (245, 29429), (250, 29453), (252, 29465), (262, 29498), (269, 29537), (280, 29576), (294, 29624), (307, 29672), (311, 29693), (312, 29705), (319, 29735), (320, 29738), (321, 29741), (333, 29795), (347, 29831), (352, 29843), (359, 29858), (361, 29864), (373, 29891), (375, 29897), (378, 29903), (382, 29912),

Gene: LestyG_30 Start: 27577, Stop: 28620, Start Num: 74
Candidate Starts for LestyG_30:
(Start: 43 @27472 has 1 MA's), (51, 27502), (Start: 74 @27577 has 54 MA's), (97, 27625), (117, 27691), (145, 27775), (155, 27799), (161, 27823), (169, 27847), (177, 27868), (186, 27901), (239, 28054), (241, 28066), (258, 28135), (276, 28216), (302, 28303), (305, 28318), (311, 28348), (324, 28411), (342, 28471), (348, 28489), (350, 28495), (352, 28498), (361, 28519), (373, 28549), (375, 28555), (378, 28561), (382, 28570),

Gene: Ligma_26 Start: 25044, Stop: 26081, Start Num: 76
Candidate Starts for Ligma_26:
(Start: 74 @25041 has 54 MA's), (Start: 76 @25044 has 10 MA's), (117, 25158), (137, 25206), (145, 25233), (163, 25287), (204, 25407), (207, 25419), (221, 25455), (242, 25527), (245, 25539), (252, 25575), (254, 25581), (258, 25593), (272, 25656), (305, 25773), (327, 25887), (352, 25953), (359, 25968), (361, 25974), (371, 26001), (386, 26031), (407, 26070),

Gene: LilMcDreamy_26 Start: 28053, Stop: 29186, Start Num: 60
Candidate Starts for LilMcDreamy_26:
(Start: 60 @28053 has 18 MA's), (65, 28071), (122, 28248), (137, 28284), (159, 28353), (207, 28497), (209, 28500), (221, 28533), (239, 28590), (243, 28614), (254, 28659), (272, 28737), (276, 28755), (280, 28767), (284, 28773), (286, 28779), (291, 28794), (302, 28839), (307, 28863), (313, 28911), (314, 28914), (347, 29022), (375, 29094),

Gene: LilSmirk_31 Start: 28919, Stop: 29968, Start Num: 78
Candidate Starts for LilSmirk_31:
(15, 28442), (17, 28487), (22, 28562), (28, 28658), (35, 28748), (Start: 43 @28808 has 1 MA's), (51, 28838), (Start: 52 @28841 has 1 MA's), (Start: 78 @28919 has 61 MA's), (97, 28967), (109, 29000), (121, 29051), (122, 29054), (145, 29117), (155, 29141), (193, 29264), (204, 29291), (207, 29303), (221, 29339), (234, 29381), (240, 29399), (245, 29423), (250, 29447), (252, 29459), (262, 29492), (269, 29531), (280, 29570), (294, 29618), (307, 29666), (311, 29687), (312, 29699), (319, 29729), (320, 29732), (321, 29735), (333, 29789), (347, 29825), (352, 29837), (359, 29852), (361, 29858), (373, 29885), (375, 29891), (378, 29897), (382, 29906),

Gene: LittleDigger_26 Start: 26899, Stop: 27975, Start Num: 80
Candidate Starts for LittleDigger_26:
(Start: 80 @26899 has 30 MA's), (86, 26908), (122, 27037), (138, 27076), (155, 27133), (175, 27196), (186, 27235), (200, 27271), (207, 27295), (221, 27331), (239, 27388), (242, 27403), (245, 27415), (250, 27439), (251, 27442), (262, 27484), (272, 27532), (280, 27562), (284, 27568), (305, 27649), (308, 27667), (314, 27709), (317, 27718), (324, 27742), (333, 27781), (341, 27799), (347, 27817), (352, 27829), (375, 27889), (379, 27898),

Gene: LittleFortune_40 Start: 27907, Stop: 29109, Start Num: 46
Candidate Starts for LittleFortune_40:
(Start: 46 @27907 has 91 MA's), (63, 27943), (Start: 85 @28000 has 10 MA's), (102, 28063), (121, 28135), (128, 28159), (137, 28183), (144, 28207), (166, 28288), (172, 28309), (188, 28363), (197, 28390), (200, 28396), (202, 28402), (209, 28420), (214, 28438), (238, 28507), (240, 28513), (253, 28576), (265, 28621), (280, 28693), (295, 28732), (326, 28867), (327, 28882), (333, 28900), (351, 28954), (358, 28969), (365, 28987), (384, 29035), (392, 29068), (404, 29095), (408, 29101),

Gene: LittleMinkey_34 Start: 27826, Stop: 28890, Start Num: 81
Candidate Starts for LittleMinkey_34:
(Start: 81 @27826 has 3 MA's), (97, 27877), (200, 28192), (207, 28216), (233, 28291), (239, 28309), (245, 28336), (250, 28360), (280, 28483), (284, 28489), (305, 28570), (307, 28579), (308, 28588), (333, 28702), (341, 28720), (371, 28798), (375, 28810), (396, 28861), (398, 28864), (402, 28870),

Gene: LittleMunchkin_28 Start: 28100, Stop: 29137, Start Num: 78
Candidate Starts for LittleMunchkin_28:
(Start: 78 @28100 has 61 MA's), (137, 28262), (181, 28394), (207, 28475), (239, 28568), (240, 28571), (242, 28583), (258, 28649), (271, 28709), (280, 28742), (282, 28745), (305, 28829), (308, 28847), (311, 28859), (333, 28961), (352, 29009), (371, 29057), (403, 29117), (407, 29126),

Gene: LizLemon_31 Start: 29041, Stop: 30090, Start Num: 78
Candidate Starts for LizLemon_31:
(15, 28564), (17, 28609), (22, 28684), (28, 28780), (35, 28870), (Start: 43 @28930 has 1 MA's), (51, 28960), (Start: 52 @28963 has 1 MA's), (Start: 78 @29041 has 61 MA's), (97, 29089), (109, 29122), (121, 29173), (122, 29176), (145, 29239), (155, 29263), (193, 29386), (204, 29413), (207, 29425), (221, 29461), (234, 29503), (240, 29521), (245, 29545), (250, 29569), (252, 29581), (262, 29614), (269, 29653), (280, 29692), (294, 29740), (307, 29788), (311, 29809), (312, 29821), (319, 29851), (320, 29854), (321, 29857), (333, 29911), (347, 29947), (352, 29959), (359, 29974), (361, 29980), (373, 30007), (375, 30013), (378, 30019), (382, 30028),

Gene: Llemily_38 Start: 30222, Stop: 31373, Start Num: 46
Candidate Starts for Llemily_38:
(5, 29646), (13, 29796), (33, 30126), (Start: 46 @30222 has 91 MA's), (68, 30255), (75, 30276), (Start: 85 @30294 has 10 MA's), (90, 30312), (121, 30432), (128, 30456), (172, 30588), (220, 30726), (254, 30855), (267, 30924), (285, 30978), (315, 31086), (327, 31137), (331, 31149), (374, 31266), (384, 31290), (392, 31323), (409, 31362),

Gene: Lolalove_27 Start: 27906, Stop: 28982, Start Num: 80
Candidate Starts for Lolalove_27:
(Start: 80 @27906 has 30 MA's), (86, 27915), (138, 28083), (155, 28140), (175, 28203), (186, 28242), (200, 28278), (207, 28302), (221, 28338), (239, 28395), (242, 28410), (245, 28422), (250, 28446), (251, 28449), (262, 28491), (272, 28539), (277, 28560), (280, 28569), (284, 28575), (305, 28656), (308, 28674), (314, 28716), (317, 28725), (324, 28749), (333, 28788), (341, 28806), (347, 28824), (352, 28836), (375, 28896), (379, 28905),

Gene: Lonelysoil_38 Start: 30464, Stop: 31615, Start Num: 46
Candidate Starts for Lonelysoil_38:
(13, 30038), (33, 30368), (Start: 46 @30464 has 91 MA's), (68, 30497), (75, 30518), (Start: 85 @30536 has 10 MA's), (90, 30554), (121, 30674), (128, 30698), (172, 30830), (220, 30968), (254, 31097), (267, 31166), (285, 31220), (315, 31328), (327, 31379), (331, 31391), (374, 31508), (384, 31532), (392, 31565), (394, 31571), (409, 31604),

Gene: Longacauda_29 Start: 27360, Stop: 28472, Start Num: 64

Candidate Starts for Longacauda_29:
(Start: 64 @27360 has 272 MA's), (Start: 70 @27378 has 8 MA's), (91, 27429), (113, 27504), (143, 27597), (156, 27630), (169, 27675), (200, 27765), (207, 27789), (221, 27825), (239, 27882), (242, 27897), (243, 27906), (250, 27933), (251, 27936), (258, 27963), (272, 28026), (284, 28062), (305, 28146), (307, 28155), (321, 28224), (327, 28260), (329, 28266), (333, 28278), (367, 28368), (375, 28386), (379, 28395), (386, 28413), (398, 28446),

Gene: Lopsy_29 Start: 27210, Stop: 28322, Start Num: 64
Candidate Starts for Lopsy_29:
(Start: 64 @27210 has 272 MA's), (Start: 70 @27228 has 8 MA's), (91, 27279), (143, 27447), (169, 27525), (200, 27615), (207, 27639), (221, 27675), (239, 27732), (242, 27747), (243, 27756), (250, 27783), (251, 27786), (258, 27813), (272, 27876), (280, 27906), (284, 27912), (305, 27996), (307, 28005), (321, 28074), (327, 28110), (329, 28116), (333, 28128), (367, 28218), (375, 28236), (379, 28245), (386, 28263), (398, 28296),

Gene: LostAndPhound_29 Start: 27361, Stop: 28473, Start Num: 64
Candidate Starts for LostAndPhound_29:
(Start: 64 @27361 has 272 MA's), (Start: 70 @27379 has 8 MA's), (91, 27430), (143, 27598), (169, 27676), (200, 27766), (207, 27790), (221, 27826), (239, 27883), (242, 27898), (243, 27907), (250, 27934), (251, 27937), (258, 27964), (272, 28027), (280, 28057), (284, 28063), (305, 28147), (307, 28156), (321, 28225), (327, 28261), (329, 28267), (333, 28279), (367, 28369), (375, 28387), (379, 28396), (386, 28414), (398, 28447),

Gene: LuckyMarjie_29 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for LuckyMarjie_29:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (143, 27607), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: Lucretia_39 Start: 27594, Stop: 28796, Start Num: 46
Candidate Starts for Lucretia_39:
(Start: 46 @27594 has 91 MA's), (63, 27630), (Start: 85 @27687 has 10 MA's), (121, 27822), (128, 27846), (137, 27870), (144, 27894), (166, 27975), (172, 27996), (188, 28050), (197, 28077), (200, 28083), (202, 28089), (209, 28107), (214, 28125), (238, 28194), (240, 28200), (253, 28263), (265, 28308), (295, 28419), (326, 28554), (327, 28569), (333, 28587), (351, 28641), (358, 28656), (365, 28674), (384, 28722), (392, 28755), (404, 28782), (408, 28788),

Gene: Lulumae_29 Start: 27352, Stop: 28464, Start Num: 64
Candidate Starts for Lulumae_29:
(Start: 64 @27352 has 272 MA's), (Start: 70 @27370 has 8 MA's), (91, 27421), (143, 27589), (169, 27667), (200, 27757), (207, 27781), (221, 27817), (239, 27874), (242, 27889), (243, 27898), (250, 27925), (251, 27928), (258, 27955), (272, 28018), (280, 28048), (284, 28054), (305, 28138), (307, 28147), (321, 28216), (327, 28252), (329, 28258), (333, 28270), (367, 28360), (375, 28378), (379, 28387), (386, 28405), (398, 28438),

Gene: Lulwa_30 Start: 27639, Stop: 28751, Start Num: 64
Candidate Starts for Lulwa_30:
(Start: 64 @27639 has 272 MA's), (Start: 70 @27657 has 8 MA's), (91, 27708), (143, 27876), (169, 27954), (200, 28044), (207, 28068), (221, 28104), (239, 28161), (242, 28176), (243, 28185), (250, 28212), (251, 28215), (258, 28242), (272, 28305), (280, 28335), (284, 28341), (305, 28425), (307, 28434), (321, 28503), (327, 28539), (329, 28545), (333, 28557), (367, 28647), (375, 28665), (379,

28674), (386, 28692), (398, 28725),

Gene: Lumine_29 Start: 27348, Stop: 28460, Start Num: 64
Candidate Starts for Lumine_29:
(Start: 64 @27348 has 272 MA's), (Start: 70 @27366 has 8 MA's), (91, 27417), (143, 27585), (169, 27663), (200, 27753), (207, 27777), (221, 27813), (239, 27870), (242, 27885), (243, 27894), (250, 27921), (251, 27924), (258, 27951), (272, 28014), (280, 28044), (284, 28050), (305, 28134), (307, 28143), (321, 28212), (327, 28248), (329, 28254), (333, 28266), (367, 28356), (375, 28374), (379, 28383), (386, 28401), (398, 28434),

Gene: MRabcd_29 Start: 27352, Stop: 28464, Start Num: 64
Candidate Starts for MRabcd_29:
(Start: 64 @27352 has 272 MA's), (Start: 70 @27370 has 8 MA's), (91, 27421), (143, 27589), (169, 27667), (200, 27757), (207, 27781), (221, 27817), (239, 27874), (242, 27889), (243, 27898), (250, 27925), (251, 27928), (258, 27955), (272, 28018), (280, 28048), (284, 28054), (305, 28138), (307, 28147), (321, 28216), (327, 28252), (329, 28258), (333, 28270), (367, 28360), (375, 28378), (379, 28387), (386, 28405), (398, 28438),

Gene: Mag7_29 Start: 27258, Stop: 28370, Start Num: 64
Candidate Starts for Mag7_29:
(Start: 64 @27258 has 272 MA's), (Start: 70 @27276 has 8 MA's), (91, 27327), (113, 27402), (143, 27495), (156, 27528), (169, 27573), (200, 27663), (207, 27687), (221, 27723), (239, 27780), (242, 27795), (243, 27804), (250, 27831), (251, 27834), (258, 27861), (272, 27924), (284, 27960), (305, 28044), (307, 28053), (321, 28122), (327, 28158), (329, 28164), (333, 28176), (367, 28266), (375, 28284), (379, 28293), (386, 28311), (398, 28344),

Gene: Magic8_30 Start: 27693, Stop: 28805, Start Num: 64
Candidate Starts for Magic8_30:
(Start: 64 @27693 has 272 MA's), (Start: 70 @27711 has 8 MA's), (91, 27762), (113, 27837), (143, 27930), (156, 27963), (169, 28008), (200, 28098), (207, 28122), (221, 28158), (239, 28215), (242, 28230), (243, 28239), (250, 28266), (251, 28269), (258, 28296), (272, 28359), (284, 28395), (305, 28479), (307, 28488), (321, 28557), (327, 28593), (329, 28599), (333, 28611), (367, 28701), (375, 28719), (379, 28728), (386, 28746), (398, 28779),

Gene: Magpie_26 Start: 27735, Stop: 28811, Start Num: 80
Candidate Starts for Magpie_26:
(Start: 80 @27735 has 30 MA's), (86, 27744), (122, 27873), (138, 27912), (155, 27969), (175, 28032), (186, 28071), (200, 28107), (207, 28131), (221, 28167), (239, 28224), (242, 28239), (245, 28251), (250, 28275), (251, 28278), (258, 28305), (262, 28320), (272, 28368), (277, 28389), (280, 28398), (284, 28404), (305, 28485), (308, 28503), (314, 28545), (317, 28554), (324, 28578), (333, 28617), (341, 28635), (347, 28653), (352, 28665), (375, 28725), (379, 28734),

Gene: Maih_22 Start: 21598, Stop: 22626, Start Num: 85
Candidate Starts for Maih_22:
(30, 21331), (57, 21520), (Start: 85 @21598 has 10 MA's), (102, 21655), (110, 21682), (114, 21697), (169, 21865), (171, 21868), (183, 21910), (196, 21946), (221, 22018), (256, 22144), (271, 22210), (281, 22246), (283, 22249), (289, 22276), (291, 22282), (300, 22321), (327, 22453), (338, 22486), (352, 22531), (361, 22552), (380, 22582), (382, 22585), (384, 22591), (393, 22615), (394, 22618),

Gene: Makar_59 Start: 37276, Stop: 38424, Start Num: 77
Candidate Starts for Makar_59:
(Start: 77 @37276 has 5 MA's), (92, 37312), (106, 37357), (108, 37363), (156, 37498), (179, 37570), (197, 37627), (200, 37633), (230, 37723), (231, 37729), (240, 37756), (242, 37768), (253, 37819),

(259, 37843), (269, 37888), (272, 37897), (277, 37918), (306, 38020), (312, 38059), (333, 38149), (335, 38158), (352, 38209), (361, 38230), (364, 38236), (369, 38257), (372, 38263), (375, 38272), (413, 38410),

Gene: MakoManhole_28 Start: 27029, Stop: 28078, Start Num: 78
Candidate Starts for MakoManhole_28:
(Start: 78 @27029 has 61 MA's), (91, 27053), (109, 27110), (117, 27143), (122, 27164), (127, 27179), (138, 27197), (145, 27221), (162, 27272), (181, 27326), (198, 27380), (207, 27407), (216, 27431), (233, 27482), (242, 27515), (245, 27527), (252, 27563), (262, 27596), (271, 27641), (280, 27674), (302, 27746), (304, 27752), (305, 27761), (308, 27779), (341, 27911), (349, 27935), (352, 27941), (403, 28058), (407, 28067),

Gene: Mana_29 Start: 27367, Stop: 28479, Start Num: 64
Candidate Starts for Mana_29:
(Start: 64 @27367 has 272 MA's), (Start: 70 @27385 has 8 MA's), (91, 27436), (143, 27604), (169, 27682), (200, 27772), (207, 27796), (221, 27832), (239, 27889), (242, 27904), (243, 27913), (250, 27940), (251, 27943), (258, 27970), (272, 28033), (280, 28063), (284, 28069), (305, 28153), (307, 28162), (321, 28231), (327, 28267), (329, 28273), (333, 28285), (367, 28375), (375, 28393), (379, 28402), (386, 28420), (398, 28453),

Gene: Manad_29 Start: 27206, Stop: 28318, Start Num: 64
Candidate Starts for Manad_29:
(Start: 64 @27206 has 272 MA's), (Start: 70 @27224 has 8 MA's), (91, 27275), (143, 27443), (169, 27521), (200, 27611), (207, 27635), (221, 27671), (239, 27728), (242, 27743), (243, 27752), (250, 27779), (251, 27782), (258, 27809), (272, 27872), (280, 27902), (282, 27905), (284, 27908), (305, 27992), (307, 28001), (321, 28070), (327, 28106), (329, 28112), (333, 28124), (367, 28214), (375, 28232), (379, 28241), (386, 28259), (398, 28292),

Gene: Mao1_25 Start: 24950, Stop: 25996, Start Num: 74
Candidate Starts for Mao1_25:
(7, 24320), (9, 24380), (14, 24446), (15, 24479), (17, 24524), (27, 24677), (Start: 43 @24845 has 1 MA's), (51, 24875), (Start: 74 @24950 has 54 MA's), (Start: 78 @24956 has 61 MA's), (110, 25043), (117, 25070), (121, 25088), (122, 25091), (145, 25154), (169, 25226), (172, 25232), (177, 25247), (239, 25433), (241, 25445), (248, 25472), (271, 25574), (292, 25646), (293, 25652), (305, 25694), (307, 25703), (311, 25724), (321, 25772), (324, 25787), (328, 25811), (338, 25835), (348, 25865), (352, 25874), (359, 25889), (375, 25928), (382, 25943),

Gene: Marcie_43 Start: 30639, Stop: 31787, Start Num: 46
Candidate Starts for Marcie_43:
(31, 30528), (33, 30543), (Start: 45 @30636 has 5 MA's), (Start: 46 @30639 has 91 MA's), (68, 30672), (121, 30849), (142, 30915), (155, 30963), (172, 31005), (192, 31068), (214, 31125), (220, 31143), (242, 31215), (251, 31257), (327, 31554), (331, 31566), (358, 31641), (374, 31683), (390, 31734), (408, 31776),

Gene: Margaery_34 Start: 26844, Stop: 28079, Start Num: 46
Candidate Starts for Margaery_34:
(Start: 46 @26844 has 91 MA's), (63, 26901), (86, 26961), (90, 26976), (103, 27024), (128, 27117), (135, 27132), (144, 27165), (149, 27183), (172, 27267), (176, 27279), (188, 27321), (199, 27354), (202, 27360), (209, 27378), (228, 27432), (229, 27435), (235, 27453), (238, 27465), (298, 27711), (307, 27747), (333, 27870), (351, 27924), (360, 27945), (365, 27957), (381, 27999), (384, 28005), (392, 28038), (405, 28068),

Gene: Mariokart_26 Start: 24963, Stop: 26003, Start Num: 76

Candidate Starts for Mariokart_26:
(Start: 76 @24963 has 10 MA's), (97, 25011), (122, 25098), (163, 25206), (181, 25257), (186, 25278), (204, 25326), (207, 25338), (216, 25362), (221, 25374), (239, 25431), (241, 25443), (242, 25446), (251, 25485), (254, 25500), (258, 25512), (262, 25527), (280, 25605), (282, 25608), (289, 25626), (290, 25629), (302, 25677), (304, 25683), (305, 25692), (307, 25701), (323, 25782), (333, 25824), (352, 25872), (359, 25887), (371, 25920), (403, 25983), (407, 25992),

Gene: Marley1013_30 Start: 28355, Stop: 29398, Start Num: 74
Candidate Starts for Marley1013_30:
(Start: 43 @28250 has 1 MA's), (51, 28280), (Start: 74 @28355 has 54 MA's), (97, 28403), (117, 28469), (145, 28553), (155, 28577), (169, 28625), (177, 28646), (237, 28826), (239, 28832), (241, 28844), (258, 28913), (276, 28994), (302, 29081), (305, 29096), (311, 29126), (324, 29189), (342, 29249), (348, 29267), (350, 29273), (352, 29276), (361, 29297), (373, 29327), (375, 29333), (378, 29339), (382, 29348),

Gene: Marlia_30 Start: 27557, Stop: 28600, Start Num: 74
Candidate Starts for Marlia_30:
(Start: 43 @27452 has 1 MA's), (51, 27482), (Start: 74 @27557 has 54 MA's), (97, 27605), (117, 27671), (145, 27755), (155, 27779), (161, 27803), (169, 27827), (177, 27848), (239, 28034), (241, 28046), (258, 28115), (276, 28196), (302, 28283), (305, 28298), (311, 28328), (324, 28391), (342, 28451), (348, 28469), (350, 28475), (352, 28478), (361, 28499), (373, 28529), (375, 28535), (378, 28541), (382, 28550),

Gene: Maru_29 Start: 27360, Stop: 28472, Start Num: 64
Candidate Starts for Maru_29:
(Start: 64 @27360 has 272 MA's), (Start: 70 @27378 has 8 MA's), (91, 27429), (143, 27597), (169, 27675), (200, 27765), (207, 27789), (221, 27825), (239, 27882), (242, 27897), (243, 27906), (250, 27933), (251, 27936), (258, 27963), (272, 28026), (280, 28056), (284, 28062), (305, 28146), (307, 28155), (321, 28224), (327, 28260), (329, 28266), (333, 28278), (367, 28368), (375, 28386), (379, 28395), (386, 28413), (398, 28446),

Gene: Mashley_37 Start: 30861, Stop: 32012, Start Num: 46
Candidate Starts for Mashley_37:
(13, 30435), (33, 30765), (Start: 46 @30861 has 91 MA's), (68, 30894), (75, 30915), (Start: 85 @30933 has 10 MA's), (90, 30951), (121, 31071), (128, 31095), (172, 31227), (220, 31365), (254, 31494), (267, 31563), (285, 31617), (315, 31725), (327, 31776), (331, 31788), (374, 31905), (384, 31929), (392, 31962), (394, 31968), (409, 32001),

Gene: Mask_26 Start: 24943, Stop: 25989, Start Num: 74
Candidate Starts for Mask_26:
(7, 24313), (9, 24373), (14, 24439), (15, 24472), (17, 24517), (27, 24670), (Start: 43 @24838 has 1 MA's), (51, 24868), (Start: 74 @24943 has 54 MA's), (Start: 78 @24949 has 61 MA's), (110, 25036), (117, 25063), (121, 25081), (122, 25084), (145, 25147), (169, 25219), (172, 25225), (177, 25240), (239, 25426), (241, 25438), (248, 25465), (271, 25567), (292, 25639), (293, 25645), (305, 25687), (307, 25696), (311, 25717), (321, 25765), (324, 25780), (328, 25804), (338, 25828), (348, 25858), (352, 25867), (359, 25882), (375, 25921), (382, 25936),

Gene: Maskar_29 Start: 27206, Stop: 28318, Start Num: 64
Candidate Starts for Maskar_29:
(Start: 64 @27206 has 272 MA's), (Start: 70 @27224 has 8 MA's), (91, 27275), (113, 27350), (143, 27443), (156, 27476), (169, 27521), (200, 27611), (207, 27635), (221, 27671), (239, 27728), (242, 27743), (243, 27752), (250, 27779), (251, 27782), (258, 27809), (272, 27872), (284, 27908), (305, 27992), (307, 28001), (321, 28070), (327, 28106), (329, 28112), (333, 28124), (367, 28214), (375,

28232), (379, 28241), (386, 28259), (398, 28292),

Gene: MasterPo_31 Start: 28928, Stop: 29977, Start Num: 78
Candidate Starts for MasterPo_31:
(15, 28451), (17, 28496), (22, 28571), (28, 28667), (35, 28757), (Start: 43 @28817 has 1 MA's), (51, 28847), (Start: 52 @28850 has 1 MA's), (Start: 78 @28928 has 61 MA's), (97, 28976), (109, 29009), (121, 29060), (122, 29063), (145, 29126), (155, 29150), (193, 29273), (204, 29300), (207, 29312), (221, 29348), (234, 29390), (240, 29408), (245, 29432), (250, 29456), (252, 29468), (262, 29501), (269, 29540), (280, 29579), (294, 29627), (307, 29675), (311, 29696), (312, 29708), (320, 29741), (321, 29744), (333, 29798), (347, 29834), (352, 29846), (359, 29861), (361, 29867), (373, 29894), (375, 29900), (378, 29906), (382, 29915),

Gene: Matalotodo_30 Start: 27653, Stop: 28765, Start Num: 64
Candidate Starts for Matalotodo_30:
(Start: 64 @27653 has 272 MA's), (Start: 70 @27671 has 8 MA's), (91, 27722), (143, 27890), (169, 27968), (200, 28058), (207, 28082), (221, 28118), (239, 28175), (242, 28190), (243, 28199), (250, 28226), (251, 28229), (258, 28256), (272, 28319), (280, 28349), (284, 28355), (305, 28439), (307, 28448), (321, 28517), (327, 28553), (329, 28559), (333, 28571), (367, 28661), (375, 28679), (379, 28688), (386, 28706), (398, 28739),

Gene: Matzah_35 Start: 27512, Stop: 28741, Start Num: 45
Candidate Starts for Matzah_35:
(8, 27011), (11, 27059), (12, 27080), (31, 27404), (33, 27419), (Start: 45 @27512 has 5 MA's), (Start: 46 @27515 has 91 MA's), (49, 27521), (86, 27608), (90, 27623), (101, 27665), (128, 27776), (146, 27830), (149, 27842), (166, 27905), (172, 27926), (188, 27980), (190, 27983), (200, 28013), (202, 28019), (209, 28043), (214, 28061), (238, 28130), (239, 28133), (250, 28184), (269, 28277), (280, 28316), (294, 28358), (326, 28496), (333, 28529), (351, 28583), (356, 28595), (358, 28598), (381, 28658), (384, 28664), (408, 28730),

Gene: Mcshane_29 Start: 27350, Stop: 28462, Start Num: 64
Candidate Starts for Mcshane_29:
(Start: 64 @27350 has 272 MA's), (Start: 70 @27368 has 8 MA's), (91, 27419), (143, 27587), (169, 27665), (200, 27755), (207, 27779), (221, 27815), (239, 27872), (242, 27887), (243, 27896), (250, 27923), (251, 27926), (258, 27953), (272, 28016), (280, 28046), (284, 28052), (305, 28136), (307, 28145), (321, 28214), (327, 28250), (329, 28256), (333, 28268), (367, 28358), (375, 28376), (379, 28385), (386, 28403), (398, 28436),

Gene: Mecca_29 Start: 27353, Stop: 28465, Start Num: 64
Candidate Starts for Mecca_29:
(Start: 64 @27353 has 272 MA's), (Start: 70 @27371 has 8 MA's), (91, 27422), (143, 27590), (169, 27668), (200, 27758), (207, 27782), (221, 27818), (239, 27875), (242, 27890), (243, 27899), (250, 27926), (251, 27929), (258, 27956), (272, 28019), (280, 28049), (284, 28055), (305, 28139), (307, 28148), (321, 28217), (327, 28253), (329, 28259), (333, 28271), (367, 28361), (375, 28379), (379, 28388), (386, 28406), (398, 28439),

Gene: Megabear_23 Start: 26126, Stop: 27163, Start Num: 78
Candidate Starts for Megabear_23:
(Start: 78 @26126 has 61 MA's), (90, 26147), (91, 26150), (97, 26174), (109, 26207), (122, 26261), (132, 26279), (136, 26282), (143, 26309), (145, 26315), (155, 26339), (186, 26441), (204, 26489), (221, 26537), (234, 26579), (239, 26594), (240, 26597), (245, 26621), (252, 26657), (271, 26735), (272, 26738), (276, 26756), (280, 26768), (282, 26771), (292, 26807), (293, 26813), (305, 26855), (311, 26885), (312, 26897), (325, 26951), (342, 27008), (347, 27023), (354, 27041), (359, 27050), (361, 27056), (364, 27062), (373, 27083), (375, 27089), (382, 27104), (390, 27128),

Gene: Megamind20_30 Start: 27375, Stop: 28487, Start Num: 64
Candidate Starts for Megamind20_30:
(Start: 64 @27375 has 272 MA's), (Start: 70 @27393 has 8 MA's), (91, 27444), (143, 27612), (169, 27690), (200, 27780), (207, 27804), (221, 27840), (239, 27897), (242, 27912), (243, 27921), (250, 27948), (251, 27951), (258, 27978), (272, 28041), (280, 28071), (284, 28077), (305, 28161), (307, 28170), (321, 28239), (327, 28275), (329, 28281), (333, 28293), (367, 28383), (375, 28401), (379, 28410), (386, 28428), (398, 28461),

Gene: Megan_33 Start: 28385, Stop: 29542, Start Num: 44
Candidate Starts for Megan_33:
(19, 28094), (20, 28127), (24, 28202), (31, 28280), (33, 28295), (34, 28304), (Start: 44 @28385 has 1 MA's), (Start: 53 @28391 has 12 MA's), (Start: 79 @28451 has 1 MA's), (86, 28463), (89, 28469), (94, 28493), (113, 28562), (121, 28601), (128, 28625), (144, 28673), (151, 28703), (172, 28763), (180, 28784), (188, 28817), (201, 28844), (227, 28913), (238, 28946), (239, 28949), (245, 28976), (248, 28988), (253, 29015), (270, 29096), (307, 29207), (331, 29324), (358, 29399), (381, 29459), (384, 29465), (390, 29492), (392, 29498), (402, 29522), (408, 29531),

Gene: Megatron_30 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for Megatron_30:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (143, 27888), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Melc17_30 Start: 27648, Stop: 28760, Start Num: 64
Candidate Starts for Melc17_30:
(Start: 64 @27648 has 272 MA's), (Start: 70 @27666 has 8 MA's), (91, 27717), (113, 27792), (143, 27885), (156, 27918), (169, 27963), (200, 28053), (207, 28077), (221, 28113), (239, 28170), (242, 28185), (243, 28194), (250, 28221), (251, 28224), (258, 28251), (272, 28314), (280, 28344), (282, 28347), (284, 28350), (305, 28434), (307, 28443), (321, 28512), (327, 28548), (329, 28554), (333, 28566), (367, 28656), (375, 28674), (379, 28683), (386, 28701), (398, 28734),

Gene: MellowYellow_35 Start: 26365, Stop: 27498, Start Num: 60
Candidate Starts for MellowYellow_35:
(Start: 60 @26365 has 18 MA's), (83, 26431), (90, 26452), (103, 26500), (112, 26530), (115, 26539), (121, 26566), (150, 26659), (156, 26683), (183, 26725), (187, 26737), (192, 26749), (218, 26809), (240, 26887), (251, 26941), (257, 26968), (273, 27046), (280, 27070), (304, 27139), (329, 27253), (330, 27256), (333, 27265), (351, 27319), (358, 27334), (360, 27340), (363, 27346), (365, 27352), (374, 27376), (381, 27394), (406, 27469),

Gene: MelsMeow_29 Start: 27252, Stop: 28364, Start Num: 64
Candidate Starts for MelsMeow_29:
(Start: 64 @27252 has 272 MA's), (Start: 70 @27270 has 8 MA's), (91, 27321), (113, 27396), (143, 27489), (156, 27522), (169, 27567), (200, 27657), (207, 27681), (221, 27717), (239, 27774), (242, 27789), (243, 27798), (250, 27825), (251, 27828), (258, 27855), (272, 27918), (280, 27948), (282, 27951), (284, 27954), (305, 28038), (307, 28047), (321, 28116), (327, 28152), (329, 28158), (333, 28170), (367, 28260), (375, 28278), (379, 28287), (386, 28305), (398, 28338),

Gene: MementoMori_35 Start: 27260, Stop: 28489, Start Num: 45
Candidate Starts for MementoMori_35:

(12, 26828), (31, 27152), (33, 27167), (Start: 45 @27260 has 5 MA's), (Start: 46 @27263 has 91 MA's), (49, 27269), (86, 27356), (90, 27371), (101, 27413), (128, 27524), (146, 27578), (149, 27590), (166, 27653), (172, 27674), (188, 27728), (190, 27731), (200, 27761), (202, 27767), (209, 27791), (214, 27809), (238, 27878), (239, 27881), (250, 27932), (269, 28025), (280, 28064), (294, 28106), (333, 28277), (351, 28331), (356, 28343), (358, 28346), (381, 28406), (384, 28412),

Gene: Mentos_43 Start: 31954, Stop: 33105, Start Num: 46
Candidate Starts for Mentos_43:
(Start: 46 @31954 has 91 MA's), (68, 31987), (75, 32008), (Start: 85 @32026 has 10 MA's), (90, 32044), (121, 32164), (128, 32188), (172, 32320), (220, 32458), (254, 32587), (267, 32656), (285, 32710), (315, 32818), (327, 32869), (331, 32881), (374, 32998), (384, 33022), (392, 33055), (394, 33061), (409, 33094),

Gene: Merry_ Start: 29430, Stop: 30674, Start Num: 45
Candidate Starts for Merry_:
(31, 29322), (33, 29337), (Start: 44 @29427 has 1 MA's), (Start: 45 @29430 has 5 MA's), (67, 29481), (68, 29484), (Start: 79 @29514 has 1 MA's), (90, 29541), (91, 29544), (121, 29664), (128, 29688), (144, 29736), (170, 29835), (172, 29841), (200, 29928), (214, 29970), (220, 29988), (235, 30027), (238, 30039), (267, 30180), (269, 30186), (295, 30294), (307, 30339), (319, 30402), (327, 30444), (329, 30450), (355, 30525), (358, 30531), (360, 30537), (381, 30591), (392, 30630), (404, 30657), (408, 30663),

Gene: Mesh1_30 Start: 27665, Stop: 28777, Start Num: 64
Candidate Starts for Mesh1_30:
(Start: 64 @27665 has 272 MA's), (Start: 70 @27683 has 8 MA's), (91, 27734), (143, 27902), (169, 27980), (200, 28070), (207, 28094), (221, 28130), (239, 28187), (242, 28202), (243, 28211), (250, 28238), (251, 28241), (258, 28268), (272, 28331), (280, 28361), (284, 28367), (305, 28451), (307, 28460), (321, 28529), (327, 28565), (329, 28571), (333, 28583), (367, 28673), (375, 28691), (379, 28700), (386, 28718), (398, 28751),

Gene: Mesmerelda_29 Start: 27363, Stop: 28475, Start Num: 64
Candidate Starts for Mesmerelda_29:
(Start: 64 @27363 has 272 MA's), (Start: 70 @27381 has 8 MA's), (91, 27432), (143, 27600), (169, 27678), (200, 27768), (207, 27792), (221, 27828), (239, 27885), (242, 27900), (243, 27909), (250, 27936), (251, 27939), (258, 27966), (272, 28029), (280, 28059), (284, 28065), (305, 28149), (307, 28158), (321, 28227), (327, 28263), (329, 28269), (333, 28281), (367, 28371), (375, 28389), (379, 28398), (386, 28416), (398, 28449),

Gene: Metamorphoo_39 Start: 27995, Stop: 29152, Start Num: 53
Candidate Starts for Metamorphoo_39:
(Start: 53 @27995 has 12 MA's), (121, 28220), (128, 28244), (140, 28277), (144, 28292), (149, 28310), (157, 28343), (172, 28382), (188, 28436), (201, 28463), (209, 28481), (214, 28499), (220, 28517), (238, 28565), (245, 28595), (248, 28607), (264, 28676), (310, 28841), (311, 28847), (331, 28943), (336, 28961), (358, 29018), (368, 29048), (381, 29078), (392, 29117), (404, 29144),

Gene: MichaelPhcott_29 Start: 27255, Stop: 28367, Start Num: 64
Candidate Starts for MichaelPhcott_29:
(Start: 64 @27255 has 272 MA's), (Start: 70 @27273 has 8 MA's), (91, 27324), (113, 27399), (143, 27492), (156, 27525), (169, 27570), (200, 27660), (207, 27684), (221, 27720), (239, 27777), (242, 27792), (243, 27801), (250, 27828), (251, 27831), (258, 27858), (272, 27921), (284, 27957), (305, 28041), (307, 28050), (321, 28119), (327, 28155), (329, 28161), (333, 28173), (367, 28263), (375, 28281), (379, 28290), (386, 28308), (398, 28341),

Gene: Mikota_30 Start: 27638, Stop: 28750, Start Num: 64
Candidate Starts for Mikota_30:
(Start: 64 @27638 has 272 MA's), (Start: 70 @27656 has 8 MA's), (91, 27707), (113, 27782), (143, 27875), (169, 27953), (200, 28043), (207, 28067), (221, 28103), (239, 28160), (242, 28175), (243, 28184), (250, 28211), (251, 28214), (258, 28241), (272, 28304), (280, 28334), (284, 28340), (305, 28424), (307, 28433), (321, 28502), (327, 28538), (329, 28544), (333, 28556), (367, 28646), (375, 28664), (379, 28673), (386, 28691), (398, 28724),

Gene: Mila11_41 Start: 31836, Stop: 32981, Start Num: 46
Candidate Starts for Mila11_41:
(33, 31740), (Start: 45 @31833 has 5 MA's), (Start: 46 @31836 has 91 MA's), (68, 31863), (75, 31884), (Start: 85 @31902 has 10 MA's), (90, 31920), (121, 32040), (128, 32064), (151, 32142), (167, 32187), (172, 32196), (220, 32334), (254, 32463), (267, 32532), (285, 32586), (315, 32694), (327, 32745), (331, 32757), (374, 32874), (384, 32898), (392, 32931), (394, 32937), (409, 32970),

Gene: MiniBoss_30 Start: 27644, Stop: 28756, Start Num: 64
Candidate Starts for MiniBoss_30:
(Start: 64 @27644 has 272 MA's), (Start: 70 @27662 has 8 MA's), (91, 27713), (143, 27881), (169, 27959), (200, 28049), (207, 28073), (221, 28109), (239, 28166), (242, 28181), (243, 28190), (250, 28217), (251, 28220), (258, 28247), (272, 28310), (280, 28340), (284, 28346), (305, 28430), (307, 28439), (321, 28508), (327, 28544), (329, 28550), (333, 28562), (367, 28652), (375, 28670), (379, 28679), (386, 28697), (398, 28730),

Gene: Mischief19_31 Start: 32194, Stop: 33276, Start Num: 87
Candidate Starts for Mischief19_31:
(39, 32029), (51, 32095), (57, 32113), (Start: 87 @32194 has 1 MA's), (107, 32269), (124, 32335), (137, 32371), (142, 32389), (169, 32464), (172, 32470), (183, 32509), (189, 32524), (236, 32662), (254, 32737), (256, 32743), (265, 32776), (292, 32887), (314, 32995), (316, 33001), (333, 33064), (354, 33130),

Gene: MisoSoup_31 Start: 23960, Stop: 25195, Start Num: 46
Candidate Starts for MisoSoup_31:
(Start: 45 @23957 has 5 MA's), (Start: 46 @23960 has 91 MA's), (67, 24011), (68, 24014), (75, 24035), (101, 24113), (118, 24173), (121, 24188), (137, 24236), (155, 24302), (172, 24350), (195, 24425), (202, 24443), (208, 24488), (220, 24527), (238, 24587), (250, 24641), (316, 24920), (333, 24986), (351, 25040), (358, 25055), (360, 25061), (381, 25115), (384, 25121), (390, 25148), (392, 25154), (402, 25178), (408, 25187),

Gene: MitKao_30 Start: 27359, Stop: 28471, Start Num: 64
Candidate Starts for MitKao_30:
(Start: 64 @27359 has 272 MA's), (Start: 70 @27377 has 8 MA's), (91, 27428), (143, 27596), (169, 27674), (200, 27764), (207, 27788), (221, 27824), (239, 27881), (242, 27896), (243, 27905), (250, 27932), (251, 27935), (258, 27962), (272, 28025), (280, 28055), (284, 28061), (305, 28145), (307, 28154), (321, 28223), (327, 28259), (329, 28265), (333, 28277), (367, 28367), (375, 28385), (379, 28394), (386, 28412), (398, 28445),

Gene: Mithril_27 Start: 27910, Stop: 28986, Start Num: 80
Candidate Starts for Mithril_27:
(Start: 80 @27910 has 30 MA's), (86, 27919), (138, 28087), (155, 28144), (175, 28207), (186, 28246), (200, 28282), (207, 28306), (221, 28342), (239, 28399), (242, 28414), (245, 28426), (250, 28450), (251, 28453), (262, 28495), (272, 28543), (277, 28564), (280, 28573), (284, 28579), (305, 28660), (308, 28678), (314, 28720), (317, 28729), (324, 28753), (333, 28792), (341, 28810), (347, 28828), (352, 28840), (353, 28843), (375, 28900), (379, 28909),

Gene: MmasiCarm_30 Start: 27559, Stop: 28602, Start Num: 74
Candidate Starts for MmasiCarm_30:
(Start: 43 @27454 has 1 MA's), (51, 27484), (Start: 74 @27559 has 54 MA's), (97, 27607), (117, 27673), (145, 27757), (155, 27781), (169, 27829), (177, 27850), (237, 28030), (239, 28036), (241, 28048), (258, 28117), (276, 28198), (302, 28285), (305, 28300), (311, 28330), (324, 28393), (342, 28453), (348, 28471), (350, 28477), (352, 28480), (361, 28501), (373, 28531), (375, 28537), (378, 28543), (382, 28552),

Gene: Morgushi_30 Start: 27360, Stop: 28472, Start Num: 64
Candidate Starts for Morgushi_30:
(Start: 64 @27360 has 272 MA's), (Start: 70 @27378 has 8 MA's), (91, 27429), (143, 27597), (169, 27675), (200, 27765), (207, 27789), (221, 27825), (239, 27882), (242, 27897), (243, 27906), (250, 27933), (251, 27936), (258, 27963), (272, 28026), (280, 28056), (284, 28062), (305, 28146), (307, 28155), (321, 28224), (327, 28260), (329, 28266), (333, 28278), (367, 28368), (375, 28386), (379, 28395), (386, 28413), (398, 28446),

Gene: MorillMayhem_38 Start: 30734, Stop: 31879, Start Num: 46
Candidate Starts for MorillMayhem_38:
(33, 30638), (Start: 45 @30731 has 5 MA's), (Start: 46 @30734 has 91 MA's), (68, 30761), (75, 30782), (Start: 79 @30791 has 1 MA's), (Start: 85 @30800 has 10 MA's), (90, 30818), (121, 30938), (128, 30962), (167, 31085), (172, 31094), (220, 31232), (254, 31361), (267, 31430), (285, 31484), (315, 31592), (327, 31643), (331, 31655), (374, 31772), (384, 31796), (392, 31829), (394, 31835), (409, 31868),

Gene: Mortcellus_29 Start: 28211, Stop: 29254, Start Num: 74
Candidate Starts for Mortcellus_29:
(Start: 43 @28106 has 1 MA's), (51, 28136), (Start: 74 @28211 has 54 MA's), (97, 28259), (117, 28325), (145, 28409), (155, 28433), (161, 28457), (169, 28481), (177, 28502), (186, 28535), (239, 28688), (241, 28700), (258, 28769), (276, 28850), (302, 28937), (305, 28952), (311, 28982), (324, 29045), (342, 29105), (348, 29123), (350, 29129), (352, 29132), (361, 29153), (373, 29183), (375, 29189), (378, 29195), (382, 29204),

Gene: Morty_30 Start: 27660, Stop: 28772, Start Num: 64
Candidate Starts for Morty_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: Morty007_30 Start: 28355, Stop: 29398, Start Num: 74
Candidate Starts for Morty007_30:
(Start: 43 @28250 has 1 MA's), (51, 28280), (Start: 74 @28355 has 54 MA's), (97, 28403), (117, 28469), (145, 28553), (155, 28577), (169, 28625), (177, 28646), (237, 28826), (239, 28832), (241, 28844), (258, 28913), (276, 28994), (302, 29081), (305, 29096), (311, 29126), (324, 29189), (342, 29249), (348, 29267), (350, 29273), (352, 29276), (361, 29297), (373, 29327), (375, 29333), (378, 29339), (382, 29348),

Gene: Mosaic_29 Start: 27365, Stop: 28477, Start Num: 64
Candidate Starts for Mosaic_29:
(Start: 64 @27365 has 272 MA's), (Start: 70 @27383 has 8 MA's), (91, 27434), (143, 27602), (169, 27680), (200, 27770), (207, 27794), (221, 27830), (239, 27887), (242, 27902), (243, 27911), (250,

27938), (251, 27941), (258, 27968), (272, 28031), (280, 28061), (284, 28067), (305, 28151), (307, 28160), (321, 28229), (327, 28265), (329, 28271), (333, 28283), (367, 28373), (375, 28391), (379, 28400), (386, 28418), (398, 28451),

Gene: MossRose_28 Start: 27008, Stop: 28057, Start Num: 78
Candidate Starts for MossRose_28:
(Start: 78 @27008 has 61 MA's), (91, 27032), (109, 27089), (117, 27122), (122, 27143), (127, 27158), (138, 27176), (145, 27200), (162, 27251), (181, 27305), (198, 27359), (207, 27386), (216, 27410), (242, 27494), (245, 27506), (252, 27542), (262, 27575), (271, 27620), (272, 27623), (280, 27653), (302, 27725), (304, 27731), (305, 27740), (308, 27758), (341, 27890), (349, 27914), (352, 27920), (403, 28037), (407, 28046),

Gene: MrPhizzler_30 Start: 27367, Stop: 28479, Start Num: 64
Candidate Starts for MrPhizzler_30:
(Start: 64 @27367 has 272 MA's), (Start: 70 @27385 has 8 MA's), (91, 27436), (113, 27511), (143, 27604), (156, 27637), (169, 27682), (200, 27772), (207, 27796), (221, 27832), (239, 27889), (242, 27904), (243, 27913), (250, 27940), (251, 27943), (258, 27970), (272, 28033), (284, 28069), (305, 28153), (307, 28162), (321, 28231), (327, 28267), (329, 28273), (333, 28285), (367, 28375), (375, 28393), (379, 28402), (386, 28420), (398, 28453),

Gene: Mudslide_27 Start: 28142, Stop: 29218, Start Num: 80
Candidate Starts for Mudslide_27:
(Start: 80 @28142 has 30 MA's), (86, 28151), (138, 28319), (155, 28376), (175, 28439), (181, 28457), (186, 28478), (200, 28514), (207, 28538), (221, 28574), (239, 28631), (242, 28646), (245, 28658), (250, 28682), (251, 28685), (262, 28727), (272, 28775), (277, 28796), (280, 28805), (284, 28811), (305, 28892), (308, 28910), (314, 28952), (317, 28961), (324, 28985), (333, 29024), (341, 29042), (347, 29060), (352, 29072), (375, 29132), (379, 29141),

Gene: Mulan_29 Start: 27377, Stop: 28489, Start Num: 64
Candidate Starts for Mulan_29:
(Start: 64 @27377 has 272 MA's), (Start: 70 @27395 has 8 MA's), (91, 27446), (143, 27614), (169, 27692), (200, 27782), (207, 27806), (221, 27842), (239, 27899), (242, 27914), (243, 27923), (250, 27950), (251, 27953), (258, 27980), (272, 28043), (280, 28073), (284, 28079), (305, 28163), (307, 28172), (321, 28241), (327, 28277), (329, 28283), (333, 28295), (367, 28385), (375, 28403), (379, 28412), (386, 28430), (398, 28463),

Gene: Mulaychimus_30 Start: 27541, Stop: 28584, Start Num: 74
Candidate Starts for Mulaychimus_30:
(Start: 43 @27436 has 1 MA's), (51, 27466), (Start: 74 @27541 has 54 MA's), (97, 27589), (117, 27655), (145, 27739), (155, 27763), (161, 27787), (169, 27811), (177, 27832), (186, 27865), (239, 28018), (241, 28030), (258, 28099), (276, 28180), (302, 28267), (305, 28282), (311, 28312), (324, 28375), (342, 28435), (348, 28453), (350, 28459), (352, 28462), (361, 28483), (373, 28513), (375, 28519), (378, 28525), (382, 28534),

Gene: Murdoc_30 Start: 27652, Stop: 28764, Start Num: 64
Candidate Starts for Murdoc_30:
(Start: 64 @27652 has 272 MA's), (Start: 70 @27670 has 8 MA's), (91, 27721), (143, 27889), (169, 27967), (200, 28057), (207, 28081), (221, 28117), (239, 28174), (242, 28189), (243, 28198), (250, 28225), (251, 28228), (258, 28255), (272, 28318), (280, 28348), (284, 28354), (305, 28438), (307, 28447), (321, 28516), (327, 28552), (329, 28558), (333, 28570), (367, 28660), (375, 28678), (379, 28687), (386, 28705), (398, 28738),

Gene: Mutante_29 Start: 27359, Stop: 28471, Start Num: 64

Candidate Starts for Mutante_29:
(Start: 64 @27359 has 272 MA's), (Start: 70 @27377 has 8 MA's), (91, 27428), (143, 27596), (169, 27674), (200, 27764), (207, 27788), (221, 27824), (239, 27881), (242, 27896), (243, 27905), (250, 27932), (251, 27935), (258, 27962), (272, 28025), (280, 28055), (284, 28061), (305, 28145), (307, 28154), (321, 28223), (327, 28259), (329, 28265), (333, 28277), (367, 28367), (375, 28385), (379, 28394), (386, 28412), (398, 28445),

Gene: Mysterious_29 Start: 28150, Stop: 29238, Start Num: 72
Candidate Starts for Mysterious_29:
(Start: 72 @28150 has 10 MA's), (75, 28159), (134, 28330), (143, 28360), (145, 28366), (159, 28408), (181, 28471), (207, 28552), (239, 28645), (247, 28678), (251, 28699), (264, 28747), (276, 28807), (280, 28819), (284, 28825), (286, 28831), (291, 28846), (292, 28858), (314, 28966), (324, 28999), (332, 29035), (347, 29074), (352, 29086), (361, 29107), (375, 29146), (380, 29158), (384, 29164), (401, 29218),

Gene: NHagos_26 Start: 25549, Stop: 26592, Start Num: 78
Candidate Starts for NHagos_26:
(Start: 78 @25549 has 61 MA's), (90, 25570), (97, 25597), (137, 25714), (138, 25717), (145, 25741), (159, 25783), (181, 25846), (207, 25927), (239, 26020), (241, 26032), (242, 26035), (245, 26047), (250, 26071), (258, 26101), (272, 26164), (274, 26179), (280, 26194), (292, 26233), (302, 26266), (305, 26281), (311, 26311), (333, 26413), (352, 26461), (359, 26476), (371, 26509), (373, 26515), (403, 26572), (407, 26581),

Gene: Nacho_0030 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for Nacho_0030:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (143, 27888), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Namago_39 Start: 30306, Stop: 31457, Start Num: 46
Candidate Starts for Namago_39:
(5, 29730), (13, 29880), (33, 30210), (Start: 46 @30306 has 91 MA's), (68, 30339), (75, 30360), (Start: 85 @30378 has 10 MA's), (90, 30396), (121, 30516), (128, 30540), (172, 30672), (220, 30810), (254, 30939), (267, 31008), (285, 31062), (315, 31170), (327, 31221), (331, 31233), (374, 31350), (384, 31374), (392, 31407), (409, 31446),

Gene: Nanao_26 Start: 26867, Stop: 27943, Start Num: 80
Candidate Starts for Nanao_26:
(Start: 80 @26867 has 30 MA's), (86, 26876), (138, 27044), (155, 27101), (175, 27164), (186, 27203), (200, 27239), (207, 27263), (221, 27299), (239, 27356), (242, 27371), (245, 27383), (250, 27407), (251, 27410), (262, 27452), (272, 27500), (277, 27521), (280, 27530), (284, 27536), (305, 27617), (308, 27635), (314, 27677), (317, 27686), (324, 27710), (333, 27749), (341, 27767), (347, 27785), (352, 27797), (375, 27857), (379, 27866),

Gene: Nangang_29 Start: 27852, Stop: 28937, Start Num: 72
Candidate Starts for Nangang_29:
(Start: 72 @27852 has 10 MA's), (143, 28059), (145, 28065), (154, 28086), (155, 28089), (159, 28107), (169, 28137), (207, 28251), (239, 28344), (251, 28398), (264, 28446), (276, 28506), (280, 28518), (284, 28524), (286, 28530), (291, 28545), (293, 28563), (314, 28665), (321, 28683), (332, 28734), (347, 28773), (352, 28785), (359, 28800), (375, 28845), (379, 28854),

Gene: Nathan_30 Start: 27684, Stop: 28796, Start Num: 64
Candidate Starts for Nathan_30:
(Start: 64 @27684 has 272 MA's), (Start: 70 @27702 has 8 MA's), (91, 27753), (113, 27828), (143, 27921), (156, 27954), (169, 27999), (200, 28089), (207, 28113), (221, 28149), (239, 28206), (242, 28221), (243, 28230), (250, 28257), (251, 28260), (258, 28287), (272, 28350), (282, 28383), (284, 28386), (305, 28470), (307, 28479), (321, 28548), (327, 28584), (329, 28590), (333, 28602), (367, 28692), (375, 28710), (379, 28719), (386, 28737), (398, 28770),

Gene: Nehemiah_28 Start: 28150, Stop: 29238, Start Num: 72
Candidate Starts for Nehemiah_28:
(Start: 72 @28150 has 10 MA's), (75, 28159), (134, 28330), (143, 28360), (145, 28366), (159, 28408), (181, 28471), (207, 28552), (239, 28645), (247, 28678), (251, 28699), (264, 28747), (276, 28807), (280, 28819), (284, 28825), (286, 28831), (291, 28846), (292, 28858), (314, 28966), (324, 28999), (332, 29035), (347, 29074), (352, 29086), (361, 29107), (375, 29146), (380, 29158), (384, 29164), (401, 29218),

Gene: Neos5_30 Start: 28371, Stop: 29414, Start Num: 74
Candidate Starts for Neos5_30:
(Start: 43 @28266 has 1 MA's), (51, 28296), (Start: 74 @28371 has 54 MA's), (97, 28419), (117, 28485), (145, 28569), (155, 28593), (161, 28617), (169, 28641), (177, 28662), (186, 28695), (239, 28848), (241, 28860), (258, 28929), (276, 29010), (302, 29097), (305, 29112), (311, 29142), (324, 29205), (342, 29265), (348, 29283), (350, 29289), (352, 29292), (361, 29313), (373, 29343), (375, 29349), (378, 29355), (382, 29364),

Gene: Newman_30 Start: 27647, Stop: 28759, Start Num: 64
Candidate Starts for Newman_30:
(Start: 64 @27647 has 272 MA's), (Start: 70 @27665 has 8 MA's), (91, 27716), (143, 27884), (169, 27962), (200, 28052), (207, 28076), (221, 28112), (239, 28169), (242, 28184), (243, 28193), (250, 28220), (251, 28223), (258, 28250), (272, 28313), (280, 28343), (284, 28349), (305, 28433), (307, 28442), (321, 28511), (327, 28547), (329, 28553), (333, 28565), (367, 28655), (375, 28673), (379, 28682), (386, 28700), (398, 28733),

Gene: Nicole21_30 Start: 27649, Stop: 28761, Start Num: 64
Candidate Starts for Nicole21_30:
(Start: 64 @27649 has 272 MA's), (Start: 70 @27667 has 8 MA's), (91, 27718), (143, 27886), (169, 27964), (200, 28054), (207, 28078), (221, 28114), (239, 28171), (242, 28186), (243, 28195), (250, 28222), (251, 28225), (258, 28252), (272, 28315), (280, 28345), (284, 28351), (305, 28435), (307, 28444), (321, 28513), (327, 28549), (329, 28555), (333, 28567), (367, 28657), (375, 28675), (379, 28684), (386, 28702), (398, 28735),

Gene: Nicole72_34 Start: 29308, Stop: 30459, Start Num: 53
Candidate Starts for Nicole72_34:
(20, 29044), (24, 29119), (33, 29212), (34, 29221), (Start: 53 @29308 has 12 MA's), (Start: 79 @29368 has 1 MA's), (86, 29380), (103, 29443), (109, 29461), (121, 29518), (137, 29566), (145, 29593), (151, 29620), (172, 29680), (188, 29734), (201, 29761), (214, 29797), (227, 29830), (238, 29863), (239, 29866), (245, 29893), (248, 29905), (253, 29932), (269, 30010), (307, 30124), (310, 30139), (311, 30145), (331, 30241), (358, 30316), (362, 30325), (370, 30349), (384, 30382), (390, 30409), (392, 30415), (402, 30439), (405, 30445), (408, 30448),

Gene: Nigel_25 Start: 26778, Stop: 27854, Start Num: 80
Candidate Starts for Nigel_25:
(Start: 80 @26778 has 30 MA's), (138, 26955), (145, 26979), (155, 27012), (175, 27075), (200, 27150), (207, 27174), (221, 27210), (239, 27267), (242, 27282), (245, 27294), (250, 27318), (251, 27321),

(272, 27411), (277, 27432), (280, 27441), (284, 27447), (305, 27528), (308, 27546), (319, 27600), (324, 27621), (333, 27660), (352, 27708), (353, 27711), (371, 27756), (375, 27768), (379, 27777),

Gene: Nikan_33 Start: 26619, Stop: 27752, Start Num: 60
Candidate Starts for Nikan_33:
(Start: 60 @26619 has 18 MA's), (83, 26685), (90, 26706), (103, 26754), (112, 26784), (115, 26793), (116, 26796), (143, 26889), (150, 26913), (156, 26937), (183, 26979), (187, 26991), (192, 27003), (212, 27045), (235, 27123), (250, 27192), (251, 27195), (257, 27222), (273, 27300), (280, 27324), (326, 27486), (330, 27510), (347, 27561), (351, 27573), (358, 27588), (374, 27630), (381, 27648), (406, 27723),

Gene: Nike_39 Start: 31261, Stop: 32412, Start Num: 46
Candidate Starts for Nike_39:
(33, 31165), (Start: 46 @31261 has 91 MA's), (68, 31294), (75, 31315), (Start: 85 @31333 has 10 MA's), (90, 31351), (121, 31471), (128, 31495), (172, 31627), (215, 31750), (220, 31765), (254, 31894), (267, 31963), (285, 32017), (315, 32125), (327, 32176), (331, 32188), (374, 32305), (384, 32329), (392, 32362), (394, 32368), (409, 32401),

Gene: NoodlelyBoi_39 Start: 27978, Stop: 29177, Start Num: 46
Candidate Starts for NoodlelyBoi_39:
(Start: 46 @27978 has 91 MA's), (55, 27990), (Start: 85 @28071 has 10 MA's), (101, 28131), (121, 28206), (128, 28230), (137, 28254), (144, 28278), (172, 28380), (188, 28434), (197, 28461), (200, 28467), (202, 28473), (214, 28509), (238, 28578), (253, 28647), (326, 28938), (333, 28971), (351, 29025), (358, 29040), (365, 29058), (381, 29100), (384, 29106), (404, 29166), (405, 29169),

Gene: Nozo_30 Start: 28335, Stop: 29378, Start Num: 74
Candidate Starts for Nozo_30:
(Start: 43 @28230 has 1 MA's), (51, 28260), (Start: 74 @28335 has 54 MA's), (97, 28383), (117, 28449), (145, 28533), (155, 28557), (161, 28581), (169, 28605), (177, 28626), (186, 28659), (239, 28812), (241, 28824), (258, 28893), (276, 28974), (302, 29061), (305, 29076), (311, 29106), (324, 29169), (342, 29229), (348, 29247), (350, 29253), (352, 29256), (361, 29277), (373, 29307), (375, 29313), (378, 29319), (382, 29328),

Gene: Numberten_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Numberten_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Nyala_29 Start: 27351, Stop: 28463, Start Num: 64
Candidate Starts for Nyala_29:
(Start: 64 @27351 has 272 MA's), (Start: 70 @27369 has 8 MA's), (91, 27420), (143, 27588), (169, 27666), (200, 27756), (207, 27780), (221, 27816), (239, 27873), (242, 27888), (243, 27897), (250, 27924), (251, 27927), (258, 27954), (272, 28017), (280, 28047), (284, 28053), (305, 28137), (307, 28146), (321, 28215), (327, 28251), (329, 28257), (333, 28269), (367, 28359), (375, 28377), (379, 28386), (386, 28404), (398, 28437),

Gene: NyleyClemson_34 Start: 26298, Stop: 27431, Start Num: 60
Candidate Starts for NyleyClemson_34:
(Start: 60 @26298 has 18 MA's), (83, 26364), (90, 26385), (103, 26433), (112, 26463), (115, 26472), (121, 26499), (150, 26592), (156, 26616), (183, 26658), (187, 26670), (192, 26682), (218, 26742),

(240, 26820), (251, 26874), (257, 26901), (273, 26979), (280, 27003), (304, 27072), (329, 27186), (330, 27189), (358, 27267), (360, 27273), (363, 27279), (365, 27285), (374, 27309), (381, 27327), (406, 27402),

Gene: OSmaximus_30 Start: 27686, Stop: 28798, Start Num: 64
Candidate Starts for OSmaximus_30:
(Start: 64 @27686 has 272 MA's), (Start: 70 @27704 has 8 MA's), (91, 27755), (113, 27830), (143, 27923), (156, 27956), (169, 28001), (200, 28091), (207, 28115), (221, 28151), (239, 28208), (242, 28223), (243, 28232), (250, 28259), (251, 28262), (258, 28289), (272, 28352), (280, 28382), (282, 28385), (284, 28388), (305, 28472), (307, 28481), (321, 28550), (327, 28586), (329, 28592), (333, 28604), (367, 28694), (375, 28712), (379, 28721), (386, 28739), (398, 28772),

Gene: Obutu_30 Start: 27559, Stop: 28602, Start Num: 74
Candidate Starts for Obutu_30:
(Start: 43 @27454 has 1 MA's), (51, 27484), (Start: 74 @27559 has 54 MA's), (97, 27607), (117, 27673), (145, 27757), (155, 27781), (161, 27805), (169, 27829), (177, 27850), (186, 27883), (239, 28036), (241, 28048), (258, 28117), (276, 28198), (302, 28285), (305, 28300), (311, 28330), (324, 28393), (342, 28453), (348, 28471), (350, 28477), (352, 28480), (361, 28501), (373, 28531), (375, 28537), (378, 28543), (382, 28552),

Gene: Odyssey395_40 Start: 27649, Stop: 28782, Start Num: 60
Candidate Starts for Odyssey395_40:
(Start: 60 @27649 has 18 MA's), (83, 27715), (90, 27736), (103, 27784), (112, 27814), (115, 27823), (121, 27850), (150, 27943), (156, 27967), (183, 28009), (187, 28021), (192, 28033), (218, 28093), (240, 28171), (251, 28225), (257, 28252), (273, 28330), (280, 28354), (304, 28423), (329, 28537), (330, 28540), (333, 28549), (351, 28603), (358, 28618), (360, 28624), (363, 28630), (365, 28636), (374, 28660), (381, 28678), (406, 28753),

Gene: Olak_29 Start: 27355, Stop: 28467, Start Num: 64
Candidate Starts for Olak_29:
(Start: 64 @27355 has 272 MA's), (Start: 70 @27373 has 8 MA's), (91, 27424), (143, 27592), (169, 27670), (200, 27760), (207, 27784), (221, 27820), (239, 27877), (242, 27892), (243, 27901), (250, 27928), (251, 27931), (258, 27958), (272, 28021), (280, 28051), (284, 28057), (305, 28141), (307, 28150), (321, 28219), (327, 28255), (329, 28261), (333, 28273), (367, 28363), (375, 28381), (379, 28390), (386, 28408), (398, 28441),

Gene: Oline_29 Start: 27220, Stop: 28332, Start Num: 64
Candidate Starts for Oline_29:
(Start: 64 @27220 has 272 MA's), (Start: 70 @27238 has 8 MA's), (91, 27289), (113, 27364), (143, 27457), (156, 27490), (169, 27535), (200, 27625), (207, 27649), (221, 27685), (239, 27742), (242, 27757), (243, 27766), (250, 27793), (251, 27796), (258, 27823), (272, 27886), (284, 27922), (305, 28006), (307, 28015), (321, 28084), (327, 28120), (329, 28126), (333, 28138), (367, 28228), (375, 28246), (379, 28255), (386, 28273), (398, 28306),

Gene: Olive_30 Start: 27641, Stop: 28753, Start Num: 64
Candidate Starts for Olive_30:
(Start: 64 @27641 has 272 MA's), (Start: 70 @27659 has 8 MA's), (91, 27710), (143, 27878), (169, 27956), (200, 28046), (207, 28070), (239, 28163), (242, 28178), (243, 28187), (250, 28214), (251, 28217), (258, 28244), (272, 28307), (280, 28337), (284, 28343), (305, 28427), (307, 28436), (321, 28505), (327, 28541), (329, 28547), (333, 28559), (367, 28649), (375, 28667), (379, 28676), (386, 28694), (398, 28727),

Gene: OliverWalter_30 Start: 27678, Stop: 28772, Start Num: 70

Candidate Starts for OliverWalter_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: Olivio_29 Start: 27428, Stop: 28471, Start Num: 74
Candidate Starts for Olivio_29:
(Start: 43 @27323 has 1 MA's), (51, 27353), (Start: 74 @27428 has 54 MA's), (97, 27476), (117, 27542), (145, 27626), (155, 27650), (161, 27674), (169, 27698), (177, 27719), (237, 27899), (239, 27905), (241, 27917), (258, 27986), (276, 28067), (302, 28154), (305, 28169), (311, 28199), (324, 28262), (342, 28322), (348, 28340), (350, 28346), (352, 28349), (361, 28370), (373, 28400), (375, 28406), (378, 28412), (382, 28421),

Gene: Ollypop_36 Start: 26725, Stop: 27858, Start Num: 60
Candidate Starts for Ollypop_36:
(Start: 60 @26725 has 18 MA's), (83, 26791), (90, 26812), (103, 26860), (112, 26890), (115, 26899), (116, 26902), (122, 26929), (143, 26995), (150, 27019), (156, 27043), (183, 27085), (187, 27097), (192, 27109), (212, 27151), (250, 27298), (251, 27301), (257, 27328), (273, 27406), (280, 27430), (326, 27592), (333, 27625), (343, 27658), (347, 27667), (351, 27679), (358, 27694), (365, 27712), (374, 27736), (381, 27754), (406, 27829),

Gene: Omniscient_30 Start: 27660, Stop: 28772, Start Num: 64
Candidate Starts for Omniscient_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: OneBrain_30 Start: 27359, Stop: 28471, Start Num: 64
Candidate Starts for OneBrain_30:
(Start: 64 @27359 has 272 MA's), (Start: 70 @27377 has 8 MA's), (91, 27428), (113, 27503), (143, 27596), (156, 27629), (169, 27674), (200, 27764), (207, 27788), (221, 27824), (239, 27881), (242, 27896), (243, 27905), (250, 27932), (251, 27935), (258, 27962), (272, 28025), (280, 28055), (284, 28061), (305, 28145), (307, 28154), (321, 28223), (327, 28259), (329, 28265), (333, 28277), (367, 28367), (375, 28385), (379, 28394), (386, 28412), (398, 28445),

Gene: OneinaGillian_38 Start: 29630, Stop: 30778, Start Num: 46
Candidate Starts for OneinaGillian_38:
(13, 29204), (25, 29444), (31, 29519), (33, 29534), (Start: 45 @29627 has 5 MA's), (Start: 46 @29630 has 91 MA's), (68, 29663), (121, 29840), (128, 29864), (142, 29906), (149, 29930), (155, 29954), (172, 29996), (192, 30059), (214, 30116), (220, 30134), (242, 30206), (327, 30545), (331, 30557), (374, 30674), (383, 30695), (390, 30725), (408, 30767),

Gene: Onika_38 Start: 27626, Stop: 28828, Start Num: 46
Candidate Starts for Onika_38:
(Start: 46 @27626 has 91 MA's), (63, 27662), (Start: 85 @27719 has 10 MA's), (102, 27782), (121, 27854), (128, 27878), (137, 27902), (144, 27926), (166, 28007), (172, 28028), (188, 28082), (197, 28109), (200, 28115), (202, 28121), (209, 28139), (214, 28157), (238, 28226), (240, 28232), (253, 28295), (265, 28340), (295, 28451), (326, 28586), (327, 28601), (333, 28619), (351, 28673), (358, 28688), (365, 28706), (384, 28754), (392, 28787), (404, 28814), (408, 28820),

Gene: Oosterbaan_30 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for Oosterbaan_30:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (143, 27888), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Opia_31 Start: 28915, Stop: 29964, Start Num: 78
Candidate Starts for Opia_31:
(15, 28438), (17, 28483), (22, 28558), (28, 28654), (35, 28744), (Start: 43 @28804 has 1 MA's), (51, 28834), (Start: 52 @28837 has 1 MA's), (Start: 78 @28915 has 61 MA's), (97, 28963), (109, 28996), (121, 29047), (122, 29050), (145, 29113), (155, 29137), (193, 29260), (204, 29287), (207, 29299), (221, 29335), (234, 29377), (240, 29395), (245, 29419), (250, 29443), (252, 29455), (262, 29488), (269, 29527), (280, 29566), (294, 29614), (307, 29662), (311, 29683), (312, 29695), (319, 29725), (320, 29728), (321, 29731), (333, 29785), (347, 29821), (352, 29833), (359, 29848), (361, 29854), (373, 29881), (375, 29887), (378, 29893), (382, 29902),

Gene: OrangeOswald_30 Start: 27573, Stop: 28616, Start Num: 74
Candidate Starts for OrangeOswald_30:
(Start: 43 @27468 has 1 MA's), (51, 27498), (Start: 74 @27573 has 54 MA's), (97, 27621), (117, 27687), (145, 27771), (155, 27795), (161, 27819), (169, 27843), (177, 27864), (186, 27897), (239, 28050), (241, 28062), (258, 28131), (276, 28212), (302, 28299), (305, 28314), (311, 28344), (324, 28407), (342, 28467), (348, 28485), (350, 28491), (352, 28494), (361, 28515), (373, 28545), (375, 28551), (378, 28557), (382, 28566),

Gene: Orfeu_29 Start: 27359, Stop: 28471, Start Num: 64
Candidate Starts for Orfeu_29:
(Start: 64 @27359 has 272 MA's), (Start: 70 @27377 has 8 MA's), (91, 27428), (143, 27596), (169, 27674), (200, 27764), (207, 27788), (221, 27824), (239, 27881), (242, 27896), (243, 27905), (250, 27932), (251, 27935), (258, 27962), (272, 28025), (280, 28055), (284, 28061), (305, 28145), (307, 28154), (321, 28223), (327, 28259), (329, 28265), (333, 28277), (367, 28367), (375, 28385), (379, 28394), (386, 28412), (398, 28445),

Gene: Orion_30 Start: 27649, Stop: 28761, Start Num: 64
Candidate Starts for Orion_30:
(Start: 64 @27649 has 272 MA's), (Start: 70 @27667 has 8 MA's), (91, 27718), (143, 27886), (169, 27964), (200, 28054), (207, 28078), (221, 28114), (239, 28171), (242, 28186), (243, 28195), (250, 28222), (251, 28225), (258, 28252), (272, 28315), (280, 28345), (284, 28351), (305, 28435), (307, 28444), (321, 28513), (327, 28549), (329, 28555), (333, 28567), (367, 28657), (375, 28675), (379, 28684), (386, 28702), (398, 28735),

Gene: Orwigg_29 Start: 27347, Stop: 28459, Start Num: 64
Candidate Starts for Orwigg_29:
(Start: 64 @27347 has 272 MA's), (Start: 70 @27365 has 8 MA's), (91, 27416), (143, 27584), (169, 27662), (200, 27752), (207, 27776), (221, 27812), (239, 27869), (242, 27884), (243, 27893), (250, 27920), (251, 27923), (258, 27950), (272, 28013), (280, 28043), (284, 28049), (305, 28133), (307, 28142), (321, 28211), (327, 28247), (329, 28253), (333, 28265), (367, 28355), (375, 28373), (379, 28382), (386, 28400), (398, 28433),

Gene: PG1_30 Start: 27662, Stop: 28774, Start Num: 64
Candidate Starts for PG1_30:

(Start: 64 @27662 has 272 MA's), (Start: 70 @27680 has 8 MA's), (91, 27731), (143, 27899), (169, 27977), (200, 28067), (207, 28091), (221, 28127), (239, 28184), (242, 28199), (243, 28208), (250, 28235), (251, 28238), (258, 28265), (272, 28328), (280, 28358), (284, 28364), (305, 28448), (307, 28457), (321, 28526), (327, 28562), (329, 28568), (333, 28580), (367, 28670), (375, 28688), (379, 28697), (386, 28715), (398, 28748),

Gene: PR_23 Start: 26174, Stop: 27211, Start Num: 78
Candidate Starts for PR_23:
(Start: 78 @26174 has 61 MA's), (90, 26195), (91, 26198), (97, 26222), (109, 26255), (122, 26309), (132, 26327), (136, 26330), (143, 26357), (155, 26387), (204, 26537), (221, 26585), (239, 26642), (240, 26645), (242, 26657), (245, 26669), (252, 26705), (258, 26723), (271, 26783), (272, 26786), (276, 26804), (280, 26816), (282, 26819), (292, 26855), (293, 26861), (305, 26903), (312, 26945), (325, 26999), (342, 27056), (347, 27071), (354, 27089), (359, 27098), (361, 27104), (364, 27110), (373, 27131), (375, 27137), (382, 27152), (389, 27173), (390, 27176),

Gene: Pacifista_29 Start: 27353, Stop: 28465, Start Num: 64
Candidate Starts for Pacifista_29:
(Start: 64 @27353 has 272 MA's), (Start: 70 @27371 has 8 MA's), (91, 27422), (143, 27590), (169, 27668), (200, 27758), (207, 27782), (221, 27818), (239, 27875), (242, 27890), (243, 27899), (250, 27926), (251, 27929), (258, 27956), (272, 28019), (280, 28049), (284, 28055), (305, 28139), (307, 28148), (321, 28217), (327, 28253), (329, 28259), (333, 28271), (367, 28361), (375, 28379), (379, 28388), (386, 28406), (398, 28439),

Gene: PallasAthena_30 Start: 27361, Stop: 28473, Start Num: 64
Candidate Starts for PallasAthena_30:
(Start: 64 @27361 has 272 MA's), (Start: 70 @27379 has 8 MA's), (91, 27430), (113, 27505), (143, 27598), (156, 27631), (169, 27676), (200, 27766), (207, 27790), (221, 27826), (239, 27883), (242, 27898), (243, 27907), (250, 27934), (251, 27937), (258, 27964), (272, 28027), (284, 28063), (305, 28147), (307, 28156), (321, 28225), (327, 28261), (329, 28267), (333, 28279), (367, 28369), (375, 28387), (379, 28396), (386, 28414), (398, 28447),

Gene: Paschalis_38 Start: 27633, Stop: 28835, Start Num: 46
Candidate Starts for Paschalis_38:
(Start: 46 @27633 has 91 MA's), (63, 27669), (Start: 85 @27726 has 10 MA's), (121, 27861), (128, 27885), (137, 27909), (144, 27933), (166, 28014), (172, 28035), (188, 28089), (197, 28116), (200, 28122), (202, 28128), (209, 28146), (214, 28164), (238, 28233), (240, 28239), (253, 28302), (265, 28347), (280, 28419), (295, 28458), (326, 28593), (327, 28608), (333, 28626), (351, 28680), (358, 28695), (365, 28713), (384, 28761), (392, 28794), (404, 28821), (408, 28827),

Gene: PenguinLover67_31 Start: 29851, Stop: 30948, Start Num: 76
Candidate Starts for PenguinLover67_31:
(51, 29773), (Start: 76 @29851 has 10 MA's), (137, 30025), (138, 30028), (186, 30178), (207, 30238), (233, 30313), (239, 30331), (243, 30355), (250, 30382), (251, 30385), (258, 30412), (272, 30475), (276, 30493), (280, 30505), (305, 30592), (307, 30601), (312, 30634), (314, 30652), (333, 30724), (341, 30742), (366, 30811), (375, 30832), (398, 30901),

Gene: Pepe25_37 Start: 29229, Stop: 30377, Start Num: 46
Candidate Starts for Pepe25_37:
(33, 29133), (Start: 45 @29226 has 5 MA's), (Start: 46 @29229 has 91 MA's), (68, 29262), (Start: 79 @29292 has 1 MA's), (155, 29553), (168, 29589), (172, 29595), (187, 29646), (200, 29673), (209, 29697), (214, 29715), (218, 29727), (220, 29733), (265, 29904), (269, 29937), (287, 29994), (299, 30009), (325, 30126), (327, 30144), (329, 30150), (331, 30156), (351, 30216), (392, 30330), (394, 30336),

Gene: Phabia_39 Start: 30637, Stop: 31788, Start Num: 46
Candidate Starts for Phabia_39:
(13, 30211), (33, 30541), (Start: 46 @30637 has 91 MA's), (68, 30670), (75, 30691), (Start: 85 @30709 has 10 MA's), (90, 30727), (121, 30847), (128, 30871), (172, 31003), (220, 31141), (254, 31270), (267, 31339), (285, 31393), (315, 31501), (327, 31552), (331, 31564), (374, 31681), (384, 31705), (392, 31738), (394, 31744), (409, 31777),

Gene: Phaedrus_28 Start: 27492, Stop: 28535, Start Num: 74
Candidate Starts for Phaedrus_28:
(Start: 43 @27387 has 1 MA's), (51, 27417), (Start: 74 @27492 has 54 MA's), (97, 27540), (117, 27606), (145, 27690), (155, 27714), (161, 27738), (169, 27762), (177, 27783), (186, 27816), (239, 27969), (241, 27981), (258, 28050), (276, 28131), (302, 28218), (305, 28233), (311, 28263), (324, 28326), (342, 28386), (348, 28404), (350, 28410), (352, 28413), (361, 28434), (373, 28464), (375, 28470), (378, 28476), (382, 28485),

Gene: Phamished_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Phamished_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Phantasmagoria_31 Start: 28926, Stop: 29975, Start Num: 78
Candidate Starts for Phantasmagoria_31:
(15, 28449), (17, 28494), (22, 28569), (28, 28665), (35, 28755), (Start: 43 @28815 has 1 MA's), (51, 28845), (Start: 52 @28848 has 1 MA's), (Start: 78 @28926 has 61 MA's), (97, 28974), (109, 29007), (121, 29058), (122, 29061), (145, 29124), (155, 29148), (193, 29271), (204, 29298), (207, 29310), (221, 29346), (234, 29388), (240, 29406), (245, 29430), (250, 29454), (252, 29466), (262, 29499), (269, 29538), (280, 29577), (294, 29625), (307, 29673), (311, 29694), (312, 29706), (319, 29736), (320, 29739), (321, 29742), (333, 29796), (347, 29832), (352, 29844), (359, 29859), (361, 29865), (373, 29892), (375, 29898), (378, 29904), (382, 29913),

Gene: Phareon_30 Start: 27361, Stop: 28473, Start Num: 64
Candidate Starts for Phareon_30:
(Start: 64 @27361 has 272 MA's), (Start: 70 @27379 has 8 MA's), (91, 27430), (143, 27598), (169, 27676), (200, 27766), (207, 27790), (221, 27826), (239, 27883), (242, 27898), (243, 27907), (250, 27934), (251, 27937), (258, 27964), (272, 28027), (280, 28057), (284, 28063), (305, 28147), (307, 28156), (321, 28225), (327, 28261), (329, 28267), (333, 28279), (367, 28369), (375, 28387), (379, 28396), (386, 28414), (398, 28447),

Gene: PhatCats2014_30 Start: 27666, Stop: 28778, Start Num: 64
Candidate Starts for PhatCats2014_30:
(Start: 64 @27666 has 272 MA's), (Start: 70 @27684 has 8 MA's), (91, 27735), (143, 27903), (169, 27981), (200, 28071), (207, 28095), (221, 28131), (239, 28188), (242, 28203), (243, 28212), (250, 28239), (251, 28242), (258, 28269), (272, 28332), (280, 28362), (284, 28368), (305, 28452), (307, 28461), (321, 28530), (327, 28566), (329, 28572), (333, 28584), (367, 28674), (375, 28692), (379, 28701), (386, 28719), (398, 28752),

Gene: PhatLouie_30 Start: 27655, Stop: 28767, Start Num: 64
Candidate Starts for PhatLouie_30:

(Start: 64 @27655 has 272 MA's), (Start: 70 @27673 has 8 MA's), (91, 27724), (113, 27799), (143, 27892), (156, 27925), (169, 27970), (200, 28060), (207, 28084), (221, 28120), (239, 28177), (242, 28192), (243, 28201), (250, 28228), (251, 28231), (258, 28258), (272, 28321), (284, 28357), (305, 28441), (307, 28450), (321, 28519), (327, 28555), (329, 28561), (333, 28573), (367, 28663), (375, 28681), (379, 28690), (386, 28708), (398, 28741),

Gene: Phayeta_30 Start: 27440, Stop: 28483, Start Num: 74
Candidate Starts for Phayeta_30:
(Start: 43 @27335 has 1 MA's), (51, 27365), (Start: 74 @27440 has 54 MA's), (97, 27488), (117, 27554), (145, 27638), (155, 27662), (161, 27686), (169, 27710), (177, 27731), (186, 27764), (239, 27917), (241, 27929), (258, 27998), (276, 28079), (302, 28166), (305, 28181), (311, 28211), (324, 28274), (342, 28334), (348, 28352), (350, 28358), (352, 28361), (361, 28382), (373, 28412), (375, 28418), (378, 28424), (382, 28433),

Gene: PhedwardCullen_37 Start: 27384, Stop: 28586, Start Num: 46
Candidate Starts for PhedwardCullen_37:
(Start: 46 @27384 has 91 MA's), (63, 27420), (Start: 85 @27477 has 10 MA's), (121, 27612), (128, 27636), (137, 27660), (144, 27684), (166, 27765), (172, 27786), (188, 27840), (197, 27867), (200, 27873), (202, 27879), (209, 27897), (214, 27915), (238, 27984), (240, 27990), (253, 28053), (265, 28098), (295, 28209), (326, 28344), (327, 28359), (333, 28377), (351, 28431), (358, 28446), (365, 28464), (384, 28512), (392, 28545), (404, 28572), (408, 28578),

Gene: Phelemich_29 Start: 28146, Stop: 29234, Start Num: 72
Candidate Starts for Phelemich_29:
(38, 28002), (41, 28035), (50, 28068), (Start: 72 @28146 has 10 MA's), (75, 28155), (134, 28326), (143, 28356), (145, 28362), (159, 28404), (181, 28467), (207, 28548), (239, 28641), (247, 28674), (251, 28695), (264, 28743), (276, 28803), (280, 28815), (284, 28821), (286, 28827), (291, 28842), (293, 28860), (314, 28962), (324, 28995), (332, 29031), (347, 29070), (352, 29082), (361, 29103), (375, 29142), (380, 29154), (384, 29160), (401, 29214),

Gene: PhenghisKhan_29 Start: 27261, Stop: 28373, Start Num: 64
Candidate Starts for PhenghisKhan_29:
(Start: 64 @27261 has 272 MA's), (Start: 70 @27279 has 8 MA's), (91, 27330), (113, 27405), (143, 27498), (156, 27531), (169, 27576), (200, 27666), (207, 27690), (221, 27726), (239, 27783), (242, 27798), (243, 27807), (250, 27834), (251, 27837), (258, 27864), (272, 27927), (284, 27963), (305, 28047), (307, 28056), (321, 28125), (327, 28161), (329, 28167), (333, 28179), (367, 28269), (375, 28287), (379, 28296), (386, 28314), (398, 28347),

Gene: Pherdinand_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Pherdinand_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Phergie_29 Start: 27252, Stop: 28364, Start Num: 64
Candidate Starts for Phergie_29:
(Start: 64 @27252 has 272 MA's), (Start: 70 @27270 has 8 MA's), (91, 27321), (113, 27396), (143, 27489), (156, 27522), (169, 27567), (200, 27657), (207, 27681), (221, 27717), (239, 27774), (242, 27789), (243, 27798), (250, 27825), (251, 27828), (258, 27855), (272, 27918), (284, 27954), (305, 28038), (307, 28047), (321, 28116), (327, 28152), (329, 28158), (333, 28170), (367, 28260), (375, 28278), (379, 28287), (386, 28305), (398, 28338),

Gene: Philly_29 Start: 27427, Stop: 28470, Start Num: 74
Candidate Starts for Philly_29:
(Start: 43 @27322 has 1 MA's), (51, 27352), (Start: 74 @27427 has 54 MA's), (97, 27475), (117, 27541), (145, 27625), (155, 27649), (169, 27697), (177, 27718), (237, 27898), (239, 27904), (241, 27916), (258, 27985), (276, 28066), (302, 28153), (305, 28168), (311, 28198), (324, 28261), (342, 28321), (348, 28339), (350, 28345), (352, 28348), (361, 28369), (373, 28399), (375, 28405), (378, 28411), (382, 28420),

Gene: Phinky_45 Start: 32449, Stop: 33597, Start Num: 46
Candidate Starts for Phinky_45:
(1, 31603), (2, 31672), (4, 31765), (5, 31873), (25, 32263), (33, 32353), (Start: 45 @32446 has 5 MA's), (Start: 46 @32449 has 91 MA's), (68, 32482), (75, 32503), (Start: 85 @32521 has 10 MA's), (121, 32659), (149, 32749), (155, 32773), (168, 32809), (172, 32815), (180, 32836), (187, 32866), (214, 32935), (220, 32953), (240, 33013), (251, 33067), (275, 33181), (280, 33196), (327, 33364), (329, 33370), (351, 33436), (374, 33493), (390, 33544), (408, 33586),

Gene: Phipps_30 Start: 27627, Stop: 28739, Start Num: 64
Candidate Starts for Phipps_30:
(Start: 64 @27627 has 272 MA's), (Start: 70 @27645 has 8 MA's), (91, 27696), (143, 27864), (169, 27942), (200, 28032), (207, 28056), (221, 28092), (239, 28149), (242, 28164), (243, 28173), (250, 28200), (251, 28203), (258, 28230), (272, 28293), (280, 28323), (284, 28329), (305, 28413), (307, 28422), (321, 28491), (327, 28527), (329, 28533), (333, 28545), (367, 28635), (375, 28653), (379, 28662), (386, 28680), (398, 28713),

Gene: Phleuron_29 Start: 27258, Stop: 28370, Start Num: 64
Candidate Starts for Phleuron_29:
(Start: 64 @27258 has 272 MA's), (Start: 70 @27276 has 8 MA's), (91, 27327), (113, 27402), (143, 27495), (156, 27528), (169, 27573), (200, 27663), (207, 27687), (221, 27723), (239, 27780), (242, 27795), (243, 27804), (250, 27831), (251, 27834), (258, 27861), (272, 27924), (284, 27960), (305, 28044), (307, 28053), (321, 28122), (327, 28158), (329, 28164), (333, 28176), (367, 28266), (375, 28284), (379, 28293), (386, 28311), (398, 28344),

Gene: Phlyer_30 Start: 28308, Stop: 29351, Start Num: 74
Candidate Starts for Phlyer_30:
(Start: 43 @28203 has 1 MA's), (51, 28233), (Start: 74 @28308 has 54 MA's), (97, 28356), (117, 28422), (145, 28506), (155, 28530), (169, 28578), (177, 28599), (237, 28779), (239, 28785), (241, 28797), (258, 28866), (276, 28947), (302, 29034), (305, 29049), (311, 29079), (324, 29142), (342, 29202), (348, 29220), (350, 29226), (352, 29229), (361, 29250), (373, 29280), (375, 29286), (378, 29292), (382, 29301),

Gene: Phorgeous_38 Start: 27499, Stop: 28701, Start Num: 46
Candidate Starts for Phorgeous_38:
(Start: 46 @27499 has 91 MA's), (63, 27535), (Start: 85 @27592 has 10 MA's), (102, 27655), (121, 27727), (128, 27751), (137, 27775), (144, 27799), (166, 27880), (172, 27901), (188, 27955), (197, 27982), (200, 27988), (202, 27994), (209, 28012), (214, 28030), (238, 28099), (240, 28105), (253, 28168), (265, 28213), (280, 28285), (295, 28324), (304, 28351), (326, 28459), (327, 28474), (333, 28492), (351, 28546), (358, 28561), (365, 28579), (381, 28621), (384, 28627), (392, 28660), (404, 28687), (408, 28693),

Gene: Phrancesco_39 Start: 27777, Stop: 28979, Start Num: 46
Candidate Starts for Phrancesco_39:

(Start: 46 @27777 has 91 MA's), (63, 27813), (Start: 85 @27870 has 10 MA's), (121, 28005), (128, 28029), (137, 28053), (144, 28077), (166, 28158), (172, 28179), (188, 28233), (197, 28260), (200, 28266), (202, 28272), (209, 28290), (214, 28308), (238, 28377), (240, 28383), (253, 28446), (265, 28491), (280, 28563), (295, 28602), (326, 28737), (327, 28752), (333, 28770), (351, 28824), (358, 28839), (365, 28857), (384, 28905), (392, 28938), (404, 28965), (408, 28971),

Gene: PhrankReynolds_29 Start: 27258, Stop: 28370, Start Num: 64
Candidate Starts for PhrankReynolds_29:
(Start: 64 @27258 has 272 MA's), (Start: 70 @27276 has 8 MA's), (91, 27327), (113, 27402), (143, 27495), (156, 27528), (169, 27573), (200, 27663), (207, 27687), (221, 27723), (239, 27780), (242, 27795), (243, 27804), (250, 27831), (251, 27834), (258, 27861), (272, 27924), (284, 27960), (305, 28044), (307, 28053), (321, 28122), (327, 28158), (329, 28164), (333, 28176), (367, 28266), (375, 28284), (379, 28293), (386, 28311), (398, 28344),

Gene: PhrodoBaggins_29 Start: 27645, Stop: 28757, Start Num: 64
Candidate Starts for PhrodoBaggins_29:
(Start: 64 @27645 has 272 MA's), (Start: 70 @27663 has 8 MA's), (91, 27714), (143, 27882), (169, 27960), (200, 28050), (207, 28074), (221, 28110), (239, 28167), (242, 28182), (243, 28191), (250, 28218), (251, 28221), (258, 28248), (272, 28311), (280, 28341), (284, 28347), (305, 28431), (307, 28440), (321, 28509), (327, 28545), (329, 28551), (333, 28563), (367, 28653), (375, 28671), (379, 28680), (386, 28698), (398, 28731),

Gene: Phunky_30 Start: 27658, Stop: 28770, Start Num: 64
Candidate Starts for Phunky_30:
(Start: 64 @27658 has 272 MA's), (Start: 70 @27676 has 8 MA's), (91, 27727), (143, 27895), (169, 27973), (200, 28063), (207, 28087), (221, 28123), (239, 28180), (242, 28195), (243, 28204), (250, 28231), (251, 28234), (258, 28261), (272, 28324), (280, 28354), (284, 28360), (305, 28444), (307, 28453), (321, 28522), (327, 28558), (329, 28564), (333, 28576), (367, 28666), (375, 28684), (379, 28693), (386, 28711), (398, 28744),

Gene: PhuzzTulsa_36 Start: 27609, Stop: 28742, Start Num: 60
Candidate Starts for PhuzzTulsa_36:
(Start: 60 @27609 has 18 MA's), (83, 27675), (90, 27696), (103, 27744), (112, 27774), (115, 27783), (121, 27810), (150, 27903), (156, 27927), (183, 27969), (187, 27981), (192, 27993), (218, 28053), (240, 28131), (251, 28185), (257, 28212), (273, 28290), (280, 28314), (304, 28383), (329, 28497), (330, 28500), (351, 28563), (358, 28578), (360, 28584), (363, 28590), (365, 28596), (374, 28620), (381, 28638), (406, 28713),

Gene: PierreOrion_39 Start: 27800, Stop: 29002, Start Num: 46
Candidate Starts for PierreOrion_39:
(Start: 46 @27800 has 91 MA's), (63, 27836), (Start: 85 @27893 has 10 MA's), (121, 28028), (128, 28052), (137, 28076), (144, 28100), (166, 28181), (172, 28202), (188, 28256), (197, 28283), (200, 28289), (202, 28295), (209, 28313), (214, 28331), (238, 28400), (240, 28406), (253, 28469), (265, 28514), (295, 28625), (326, 28760), (327, 28775), (333, 28793), (351, 28847), (358, 28862), (365, 28880), (384, 28928), (392, 28961), (404, 28988), (408, 28994),

Gene: Piglet_0029 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Piglet_0029:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Pine5_29 Start: 27152, Stop: 28177, Start Num: 83
Candidate Starts for Pine5_29:
(29, 26891), (83, 27152), (99, 27206), (117, 27266), (122, 27287), (143, 27347), (156, 27374), (198, 27506), (200, 27509), (207, 27533), (240, 27632), (245, 27656), (247, 27662), (254, 27698), (301, 27863), (319, 27953), (329, 28001), (331, 28007), (352, 28064), (359, 28079),

Gene: PinheadLarry_30 Start: 27371, Stop: 28483, Start Num: 64
Candidate Starts for PinheadLarry_30:
(Start: 64 @27371 has 272 MA's), (Start: 70 @27389 has 8 MA's), (91, 27440), (113, 27515), (143, 27608), (156, 27641), (169, 27686), (200, 27776), (207, 27800), (221, 27836), (239, 27893), (242, 27908), (243, 27917), (250, 27944), (251, 27947), (258, 27974), (272, 28037), (280, 28067), (284, 28073), (305, 28157), (307, 28166), (321, 28235), (327, 28271), (329, 28277), (333, 28289), (367, 28379), (375, 28397), (379, 28406), (386, 28424), (398, 28457),

Gene: Pinkman_29 Start: 27214, Stop: 28326, Start Num: 64
Candidate Starts for Pinkman_29:
(Start: 64 @27214 has 272 MA's), (Start: 70 @27232 has 8 MA's), (91, 27283), (113, 27358), (143, 27451), (156, 27484), (169, 27529), (200, 27619), (207, 27643), (221, 27679), (239, 27736), (242, 27751), (243, 27760), (250, 27787), (251, 27790), (258, 27817), (272, 27880), (284, 27916), (305, 28000), (307, 28009), (321, 28078), (327, 28114), (329, 28120), (333, 28132), (367, 28222), (375, 28240), (379, 28249), (386, 28267), (398, 28300),

Gene: Pipefish_31 Start: 28965, Stop: 30008, Start Num: 74
Candidate Starts for Pipefish_31:
(Start: 43 @28860 has 1 MA's), (51, 28890), (Start: 74 @28965 has 54 MA's), (97, 29013), (117, 29079), (145, 29163), (155, 29187), (161, 29211), (169, 29235), (177, 29256), (237, 29436), (239, 29442), (241, 29454), (258, 29523), (276, 29604), (302, 29691), (305, 29706), (311, 29736), (324, 29799), (342, 29859), (350, 29883), (352, 29886), (361, 29907), (373, 29937), (375, 29943), (378, 29949), (382, 29958),

Gene: PiperSansNom_39 Start: 27940, Stop: 29142, Start Num: 46
Candidate Starts for PiperSansNom_39:
(Start: 46 @27940 has 91 MA's), (63, 27976), (Start: 85 @28033 has 10 MA's), (121, 28168), (128, 28192), (137, 28216), (144, 28240), (166, 28321), (172, 28342), (188, 28396), (197, 28423), (200, 28429), (202, 28435), (209, 28453), (214, 28471), (238, 28540), (240, 28546), (253, 28609), (265, 28654), (295, 28765), (326, 28900), (327, 28915), (333, 28933), (351, 28987), (358, 29002), (365, 29020), (384, 29068), (392, 29101), (404, 29128), (408, 29134),

Gene: Piperis_39 Start: 27622, Stop: 28824, Start Num: 46
Candidate Starts for Piperis_39:
(Start: 46 @27622 has 91 MA's), (63, 27658), (Start: 85 @27715 has 10 MA's), (121, 27850), (128, 27874), (137, 27898), (144, 27922), (166, 28003), (172, 28024), (188, 28078), (197, 28105), (200, 28111), (202, 28117), (209, 28135), (214, 28153), (238, 28222), (240, 28228), (253, 28291), (265, 28336), (280, 28408), (295, 28447), (326, 28582), (327, 28597), (333, 28615), (351, 28669), (358, 28684), (365, 28702), (381, 28744), (384, 28750), (392, 28783), (404, 28810), (408, 28816),

Gene: Pipsqueak_30 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for Pipsqueak_30:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379,

28691), (386, 28709), (398, 28742),

Gene: Placalicious_29 Start: 27349, Stop: 28461, Start Num: 64
Candidate Starts for Placalicious_29:
(Start: 64 @27349 has 272 MA's), (Start: 70 @27367 has 8 MA's), (91, 27418), (113, 27493), (143, 27586), (156, 27619), (169, 27664), (200, 27754), (207, 27778), (221, 27814), (239, 27871), (242, 27886), (243, 27895), (250, 27922), (251, 27925), (258, 27952), (272, 28015), (280, 28045), (282, 28048), (284, 28051), (305, 28135), (307, 28144), (321, 28213), (327, 28249), (329, 28255), (333, 28267), (367, 28357), (375, 28375), (379, 28384), (386, 28402), (398, 28435),

Gene: Plata_30 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Plata_30:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (113, 27514), (143, 27607), (156, 27640), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (282, 28069), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: Plmatters_30 Start: 27654, Stop: 28766, Start Num: 64
Candidate Starts for Plmatters_30:
(Start: 64 @27654 has 272 MA's), (Start: 70 @27672 has 8 MA's), (91, 27723), (143, 27891), (169, 27969), (200, 28059), (207, 28083), (221, 28119), (239, 28176), (242, 28191), (243, 28200), (250, 28227), (251, 28230), (258, 28257), (272, 28320), (280, 28350), (284, 28356), (305, 28440), (307, 28449), (321, 28518), (327, 28554), (329, 28560), (333, 28572), (367, 28662), (375, 28680), (379, 28689), (386, 28707), (398, 28740),

Gene: Podrick_30 Start: 27646, Stop: 28758, Start Num: 64
Candidate Starts for Podrick_30:
(Start: 64 @27646 has 272 MA's), (Start: 70 @27664 has 8 MA's), (91, 27715), (143, 27883), (169, 27961), (200, 28051), (207, 28075), (221, 28111), (239, 28168), (242, 28183), (243, 28192), (250, 28219), (251, 28222), (258, 28249), (272, 28312), (280, 28342), (284, 28348), (305, 28432), (307, 28441), (321, 28510), (327, 28546), (329, 28552), (333, 28564), (367, 28654), (375, 28672), (379, 28681), (386, 28699), (398, 28732),

Gene: Pointis_38 Start: 27647, Stop: 28780, Start Num: 60
Candidate Starts for Pointis_38:
(Start: 60 @27647 has 18 MA's), (83, 27713), (90, 27734), (103, 27782), (112, 27812), (115, 27821), (121, 27848), (150, 27941), (156, 27965), (183, 28007), (187, 28019), (192, 28031), (218, 28091), (240, 28169), (251, 28223), (257, 28250), (273, 28328), (280, 28352), (304, 28421), (329, 28535), (330, 28538), (333, 28547), (351, 28601), (358, 28616), (360, 28622), (363, 28628), (365, 28634), (374, 28658), (381, 28676), (406, 28751),

Gene: Pops_30 Start: 27666, Stop: 28778, Start Num: 64
Candidate Starts for Pops_30:
(Start: 64 @27666 has 272 MA's), (Start: 70 @27684 has 8 MA's), (91, 27735), (113, 27810), (143, 27903), (156, 27936), (169, 27981), (200, 28071), (207, 28095), (221, 28131), (239, 28188), (242, 28203), (243, 28212), (250, 28239), (251, 28242), (258, 28269), (272, 28332), (280, 28362), (284, 28368), (305, 28452), (307, 28461), (321, 28530), (327, 28566), (329, 28572), (333, 28584), (367, 28674), (375, 28692), (379, 28701), (386, 28719), (398, 28752),

Gene: Popstraw_36 Start: 27433, Stop: 28566, Start Num: 60
Candidate Starts for Popstraw_36:

(Start: 60 @27433 has 18 MA's), (83, 27499), (90, 27520), (103, 27568), (112, 27598), (115, 27607), (121, 27634), (150, 27727), (156, 27751), (183, 27793), (187, 27805), (192, 27817), (218, 27877), (240, 27955), (251, 28009), (257, 28036), (273, 28114), (280, 28138), (304, 28207), (329, 28321), (330, 28324), (333, 28333), (351, 28387), (358, 28402), (360, 28408), (363, 28414), (365, 28420), (374, 28444), (381, 28462), (406, 28537),

Gene: Poster_26 Start: 26868, Stop: 27944, Start Num: 80
Candidate Starts for Poster_26:
(Start: 80 @26868 has 30 MA's), (86, 26877), (138, 27045), (155, 27102), (175, 27165), (186, 27204), (200, 27240), (207, 27264), (221, 27300), (239, 27357), (242, 27372), (245, 27384), (250, 27408), (251, 27411), (262, 27453), (272, 27501), (277, 27522), (280, 27531), (284, 27537), (305, 27618), (308, 27636), (314, 27678), (317, 27687), (324, 27711), (333, 27750), (341, 27768), (347, 27786), (352, 27798), (375, 27858), (379, 27867),

Gene: Potter_29 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Potter_29:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (143, 27607), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: Prickles_30 Start: 27646, Stop: 28758, Start Num: 64
Candidate Starts for Prickles_30:
(Start: 64 @27646 has 272 MA's), (Start: 70 @27664 has 8 MA's), (91, 27715), (143, 27883), (169, 27961), (200, 28051), (207, 28075), (221, 28111), (239, 28168), (242, 28183), (243, 28192), (250, 28219), (251, 28222), (258, 28249), (272, 28312), (280, 28342), (284, 28348), (305, 28432), (307, 28441), (321, 28510), (327, 28546), (329, 28552), (333, 28564), (367, 28654), (375, 28672), (379, 28681), (386, 28699), (398, 28732),

Gene: Prince_27 Start: 28051, Stop: 29127, Start Num: 80
Candidate Starts for Prince_27:
(Start: 80 @28051 has 30 MA's), (86, 28060), (138, 28228), (155, 28285), (175, 28348), (181, 28366), (186, 28387), (200, 28423), (207, 28447), (221, 28483), (239, 28540), (242, 28555), (245, 28567), (250, 28591), (251, 28594), (262, 28636), (272, 28684), (277, 28705), (280, 28714), (284, 28720), (305, 28801), (308, 28819), (314, 28861), (317, 28870), (324, 28894), (333, 28933), (341, 28951), (347, 28969), (352, 28981), (375, 29041), (379, 29050),

Gene: PrinceCharming_31 Start: 29032, Stop: 30081, Start Num: 78
Candidate Starts for PrinceCharming_31:
(15, 28555), (17, 28600), (22, 28675), (28, 28771), (35, 28861), (Start: 43 @28921 has 1 MA's), (51, 28951), (Start: 52 @28954 has 1 MA's), (Start: 78 @29032 has 61 MA's), (97, 29080), (109, 29113), (121, 29164), (122, 29167), (145, 29230), (155, 29254), (193, 29377), (204, 29404), (207, 29416), (221, 29452), (234, 29494), (240, 29512), (245, 29536), (250, 29560), (252, 29572), (262, 29605), (269, 29644), (280, 29683), (294, 29731), (307, 29779), (311, 29800), (312, 29812), (320, 29845), (321, 29848), (333, 29902), (347, 29938), (352, 29950), (359, 29965), (361, 29971), (373, 29998), (375, 30004), (378, 30010), (382, 30019),

Gene: ProfessorX_30 Start: 27641, Stop: 28753, Start Num: 64
Candidate Starts for ProfessorX_30:
(Start: 64 @27641 has 272 MA's), (Start: 70 @27659 has 8 MA's), (91, 27710), (143, 27878), (169, 27956), (200, 28046), (207, 28070), (221, 28106), (239, 28163), (242, 28178), (243, 28187), (250, 28214), (251, 28217), (258, 28244), (272, 28307), (280, 28337), (284, 28343), (305, 28427), (307,

28436), (321, 28505), (327, 28541), (329, 28547), (333, 28559), (367, 28649), (375, 28667), (379, 28676), (386, 28694), (398, 28727),

Gene: Puhltonio_30 Start: 27661, Stop: 28773, Start Num: 64
Candidate Starts for Puhltonio_30:
(Start: 64 @27661 has 272 MA's), (Start: 70 @27679 has 8 MA's), (91, 27730), (143, 27898), (169, 27976), (200, 28066), (207, 28090), (221, 28126), (239, 28183), (242, 28198), (243, 28207), (250, 28234), (251, 28237), (258, 28264), (272, 28327), (280, 28357), (284, 28363), (305, 28447), (307, 28456), (321, 28525), (327, 28561), (329, 28567), (333, 28579), (367, 28669), (375, 28687), (379, 28696), (386, 28714), (398, 28747),

Gene: Pulchra_40 Start: 28016, Stop: 29218, Start Num: 46
Candidate Starts for Pulchra_40:
(Start: 46 @28016 has 91 MA's), (63, 28052), (Start: 85 @28109 has 10 MA's), (121, 28244), (128, 28268), (137, 28292), (144, 28316), (166, 28397), (172, 28418), (188, 28472), (197, 28499), (200, 28505), (202, 28511), (209, 28529), (214, 28547), (238, 28616), (240, 28622), (253, 28685), (265, 28730), (295, 28841), (326, 28976), (327, 28991), (333, 29009), (351, 29063), (355, 29072), (358, 29078), (365, 29096), (384, 29144), (392, 29177), (404, 29204), (408, 29210),

Gene: Pureglobe5_40 Start: 27830, Stop: 28963, Start Num: 60
Candidate Starts for Pureglobe5_40:
(Start: 60 @27830 has 18 MA's), (83, 27896), (90, 27917), (103, 27965), (112, 27995), (115, 28004), (121, 28031), (150, 28124), (156, 28148), (183, 28190), (187, 28202), (192, 28214), (218, 28274), (240, 28352), (251, 28406), (257, 28433), (273, 28511), (280, 28535), (304, 28604), (329, 28718), (330, 28721), (333, 28730), (351, 28784), (358, 28799), (360, 28805), (363, 28811), (365, 28817), (374, 28841), (381, 28859), (406, 28934),

Gene: Purplicious_57 Start: 36704, Stop: 37852, Start Num: 77
Candidate Starts for Purplicious_57:
(Start: 77 @36704 has 5 MA's), (92, 36740), (106, 36785), (108, 36791), (110, 36800), (179, 36998), (197, 37055), (205, 37076), (214, 37106), (230, 37151), (231, 37157), (240, 37184), (242, 37196), (245, 37208), (253, 37247), (269, 37316), (272, 37325), (277, 37346), (288, 37376), (309, 37466), (352, 37637), (361, 37658), (364, 37664), (369, 37685), (372, 37691), (375, 37700),

Gene: Quammi_37 Start: 30337, Stop: 31488, Start Num: 46
Candidate Starts for Quammi_37:
(13, 29911), (33, 30241), (Start: 46 @30337 has 91 MA's), (68, 30370), (75, 30391), (Start: 85 @30409 has 10 MA's), (90, 30427), (121, 30547), (128, 30571), (172, 30703), (220, 30841), (254, 30970), (267, 31039), (285, 31093), (315, 31201), (327, 31252), (331, 31264), (374, 31381), (384, 31405), (392, 31438), (394, 31444), (409, 31477),

Gene: QueenBeane_30 Start: 27652, Stop: 28764, Start Num: 64
Candidate Starts for QueenBeane_30:
(Start: 64 @27652 has 272 MA's), (Start: 70 @27670 has 8 MA's), (91, 27721), (143, 27889), (169, 27967), (200, 28057), (207, 28081), (221, 28117), (239, 28174), (242, 28189), (243, 28198), (250, 28225), (251, 28228), (258, 28255), (272, 28318), (280, 28348), (284, 28354), (305, 28438), (307, 28447), (321, 28516), (327, 28552), (329, 28558), (333, 28570), (367, 28660), (375, 28678), (379, 28687), (386, 28705), (398, 28738),

Gene: QueenPie_26 Start: 27992, Stop: 29068, Start Num: 80
Candidate Starts for QueenPie_26:
(Start: 80 @27992 has 30 MA's), (86, 28001), (122, 28130), (138, 28169), (155, 28226), (175, 28289), (186, 28328), (200, 28364), (207, 28388), (221, 28424), (239, 28481), (242, 28496), (245, 28508),

(250, 28532), (251, 28535), (262, 28577), (272, 28625), (277, 28646), (280, 28655), (284, 28661), (305, 28742), (308, 28760), (314, 28802), (317, 28811), (324, 28835), (333, 28874), (341, 28892), (347, 28910), (352, 28922), (353, 28925), (375, 28982), (379, 28991),

Gene: Quesadilla_30 Start: 29746, Stop: 30834, Start Num: 82
Candidate Starts for Quesadilla_30:
(Start: 82 @29746 has 1 MA's), (97, 29794), (98, 29797), (138, 29920), (186, 30070), (207, 30130), (221, 30166), (233, 30205), (242, 30238), (243, 30247), (245, 30250), (250, 30274), (251, 30277), (262, 30319), (272, 30367), (280, 30397), (284, 30403), (292, 30436), (305, 30484), (308, 30502), (314, 30544), (333, 30616), (350, 30661), (359, 30679), (373, 30718), (375, 30724), (391, 30775),

Gene: Quhwah_42 Start: 28248, Stop: 29450, Start Num: 46
Candidate Starts for Quhwah_42:
(Start: 46 @28248 has 91 MA's), (63, 28284), (Start: 85 @28341 has 10 MA's), (121, 28476), (128, 28500), (137, 28524), (144, 28548), (166, 28629), (167, 28635), (172, 28650), (188, 28704), (197, 28731), (202, 28743), (209, 28761), (238, 28848), (240, 28854), (253, 28917), (265, 28962), (295, 29073), (326, 29208), (327, 29223), (333, 29241), (351, 29295), (358, 29310), (365, 29328), (384, 29376), (392, 29409), (404, 29436), (408, 29442),

Gene: Quisquiliae_30 Start: 27680, Stop: 28792, Start Num: 64
Candidate Starts for Quisquiliae_30:
(Start: 64 @27680 has 272 MA's), (Start: 70 @27698 has 8 MA's), (91, 27749), (143, 27917), (169, 27995), (200, 28085), (207, 28109), (221, 28145), (239, 28202), (242, 28217), (243, 28226), (250, 28253), (251, 28256), (258, 28283), (272, 28346), (280, 28376), (284, 28382), (305, 28466), (307, 28475), (321, 28544), (327, 28580), (329, 28586), (333, 28598), (367, 28688), (375, 28706), (379, 28715), (386, 28733), (398, 28766),

Gene: Qyrzula_29 Start: 29010, Stop: 30059, Start Num: 78
Candidate Starts for Qyrzula_29:
(15, 28533), (17, 28578), (22, 28653), (28, 28749), (35, 28839), (Start: 43 @28899 has 1 MA's), (51, 28929), (Start: 52 @28932 has 1 MA's), (Start: 78 @29010 has 61 MA's), (97, 29058), (109, 29091), (121, 29142), (122, 29145), (145, 29208), (155, 29232), (193, 29355), (204, 29382), (207, 29394), (221, 29430), (234, 29472), (240, 29490), (245, 29514), (250, 29538), (252, 29550), (262, 29583), (269, 29622), (280, 29661), (294, 29709), (307, 29757), (311, 29778), (312, 29790), (320, 29823), (321, 29826), (333, 29880), (347, 29916), (352, 29928), (359, 29943), (361, 29949), (373, 29976), (375, 29982), (378, 29988), (382, 29997),

Gene: RIPWilbur_36 Start: 26963, Stop: 28096, Start Num: 60
Candidate Starts for RIPWilbur_36:
(Start: 60 @26963 has 18 MA's), (83, 27029), (90, 27050), (103, 27098), (112, 27128), (115, 27137), (121, 27164), (150, 27257), (156, 27281), (183, 27323), (187, 27335), (192, 27347), (218, 27407), (240, 27485), (251, 27539), (257, 27566), (273, 27644), (280, 27668), (304, 27737), (329, 27851), (330, 27854), (351, 27917), (358, 27932), (360, 27938), (363, 27944), (365, 27950), (374, 27974), (381, 27992), (406, 28067),

Gene: RagingRooster_30 Start: 27574, Stop: 28617, Start Num: 74
Candidate Starts for RagingRooster_30:
(Start: 43 @27469 has 1 MA's), (51, 27499), (Start: 74 @27574 has 54 MA's), (97, 27622), (117, 27688), (145, 27772), (155, 27796), (161, 27820), (169, 27844), (177, 27865), (186, 27898), (239, 28051), (241, 28063), (258, 28132), (276, 28213), (302, 28300), (305, 28315), (311, 28345), (324, 28408), (342, 28468), (348, 28486), (350, 28492), (352, 28495), (361, 28516), (373, 28546), (375, 28552), (378, 28558), (382, 28567),

Gene: RainyPolka_23 Start: 22064, Stop: 23092, Start Num: 85
Candidate Starts for RainyPolka_23:
(Start: 85 @22064 has 10 MA's), (102, 22121), (114, 22163), (115, 22166), (120, 22190), (124, 22202), (162, 22310), (169, 22331), (171, 22334), (183, 22376), (196, 22412), (203, 22430), (221, 22484), (225, 22496), (255, 22607), (256, 22610), (281, 22712), (283, 22715), (291, 22748), (300, 22787), (314, 22868), (327, 22919), (333, 22937), (338, 22952), (352, 22997), (361, 23018), (380, 23048), (393, 23081), (394, 23084),

Gene: Ramiel05_38 Start: 27651, Stop: 28853, Start Num: 46
Candidate Starts for Ramiel05_38:
(Start: 46 @27651 has 91 MA's), (63, 27687), (Start: 85 @27744 has 10 MA's), (121, 27879), (128, 27903), (137, 27927), (144, 27951), (166, 28032), (172, 28053), (188, 28107), (197, 28134), (200, 28140), (202, 28146), (209, 28164), (214, 28182), (238, 28251), (240, 28257), (253, 28320), (265, 28365), (280, 28437), (295, 28476), (326, 28611), (327, 28626), (333, 28644), (351, 28698), (358, 28713), (365, 28731), (384, 28779), (392, 28812), (404, 28839), (408, 28845),

Gene: Ranunculus_32 Start: 26857, Stop: 27990, Start Num: 59
Candidate Starts for Ranunculus_32:
(6, 26266), (16, 26464), (23, 26599), (36, 26755), (39, 26770), (Start: 59 @26857 has 1 MA's), (83, 26923), (90, 26944), (103, 26992), (112, 27022), (115, 27031), (121, 27058), (136, 27100), (143, 27127), (150, 27151), (156, 27175), (183, 27217), (187, 27229), (192, 27241), (218, 27301), (240, 27379), (251, 27433), (280, 27562), (330, 27748), (347, 27799), (351, 27811), (365, 27844), (374, 27868), (381, 27886), (400, 27949), (406, 27961),

Gene: Rasputia_74 Start: 49482, Stop: 50675, Start Num: 46
Candidate Starts for Rasputia_74:
(3, 48795), (Start: 45 @49479 has 5 MA's), (Start: 46 @49482 has 91 MA's), (67, 49524), (68, 49527), (89, 49575), (90, 49584), (114, 49674), (128, 49728), (137, 49752), (143, 49773), (144, 49776), (151, 49806), (172, 49866), (180, 49887), (188, 49920), (200, 49953), (202, 49959), (220, 50013), (238, 50064), (254, 50136), (280, 50250), (288, 50274), (298, 50307), (307, 50343), (331, 50460), (348, 50511), (351, 50520), (356, 50532), (358, 50535), (360, 50541), (376, 50583), (377, 50586), (383, 50598), (384, 50601), (392, 50634), (394, 50640),

Gene: RawrgerThat_27 Start: 27894, Stop: 28970, Start Num: 80
Candidate Starts for RawrgerThat_27:
(Start: 80 @27894 has 30 MA's), (86, 27903), (122, 28032), (138, 28071), (155, 28128), (175, 28191), (186, 28230), (200, 28266), (207, 28290), (221, 28326), (239, 28383), (242, 28398), (245, 28410), (250, 28434), (251, 28437), (262, 28479), (272, 28527), (277, 28548), (280, 28557), (284, 28563), (305, 28644), (308, 28662), (314, 28704), (317, 28713), (324, 28737), (333, 28776), (341, 28794), (347, 28812), (352, 28824), (375, 28884), (379, 28893),

Gene: RazzB_34 Start: 26111, Stop: 27244, Start Num: 60
Candidate Starts for RazzB_34:
(Start: 60 @26111 has 18 MA's), (83, 26177), (90, 26198), (103, 26246), (112, 26276), (115, 26285), (121, 26312), (150, 26405), (156, 26429), (183, 26471), (187, 26483), (192, 26495), (218, 26555), (240, 26633), (251, 26687), (257, 26714), (273, 26792), (280, 26816), (304, 26885), (329, 26999), (330, 27002), (358, 27080), (360, 27086), (363, 27092), (365, 27098), (374, 27122), (381, 27140), (406, 27215),

Gene: Reccee_30 Start: 28076, Stop: 29164, Start Num: 72
Candidate Starts for Reccee_30:
(Start: 72 @28076 has 10 MA's), (134, 28256), (143, 28286), (145, 28292), (159, 28334), (207, 28478), (239, 28571), (251, 28625), (264, 28673), (276, 28733), (280, 28745), (284, 28751), (286, 28757),

(292, 28784), (314, 28892), (324, 28925), (347, 29000), (352, 29012), (375, 29072), (379, 29081), (380, 29084),

Gene: RedMaple_29 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for RedMaple_29:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: RedRaider89_30 Start: 27879, Stop: 28991, Start Num: 64
Candidate Starts for RedRaider89_30:
(Start: 64 @27879 has 272 MA's), (Start: 70 @27897 has 8 MA's), (91, 27948), (143, 28116), (169, 28194), (200, 28284), (207, 28308), (221, 28344), (239, 28401), (242, 28416), (243, 28425), (250, 28452), (251, 28455), (258, 28482), (272, 28545), (280, 28575), (284, 28581), (305, 28665), (307, 28674), (321, 28743), (327, 28779), (329, 28785), (333, 28797), (367, 28887), (375, 28905), (379, 28914), (386, 28932), (398, 28965),

Gene: Ren19_31 Start: 26619, Stop: 27752, Start Num: 60
Candidate Starts for Ren19_31:
(Start: 60 @26619 has 18 MA's), (83, 26685), (90, 26706), (103, 26754), (112, 26784), (115, 26793), (116, 26796), (143, 26889), (150, 26913), (156, 26937), (183, 26979), (187, 26991), (192, 27003), (212, 27045), (235, 27123), (250, 27192), (251, 27195), (257, 27222), (273, 27300), (280, 27324), (326, 27486), (330, 27510), (347, 27561), (351, 27573), (358, 27588), (374, 27630), (381, 27648), (406, 27723),

Gene: Renkei_26 Start: 26899, Stop: 27975, Start Num: 80
Candidate Starts for Renkei_26:
(Start: 80 @26899 has 30 MA's), (86, 26908), (122, 27037), (138, 27076), (155, 27133), (175, 27196), (186, 27235), (200, 27271), (207, 27295), (221, 27331), (239, 27388), (242, 27403), (245, 27415), (250, 27439), (251, 27442), (262, 27484), (272, 27532), (280, 27562), (284, 27568), (305, 27649), (308, 27667), (314, 27709), (317, 27718), (324, 27742), (333, 27781), (341, 27799), (347, 27817), (352, 27829), (375, 27889), (379, 27898),

Gene: Reprobate_29 Start: 28151, Stop: 29239, Start Num: 72
Candidate Starts for Reprobate_29:
(38, 28007), (41, 28040), (50, 28073), (Start: 72 @28151 has 10 MA's), (75, 28160), (134, 28331), (143, 28361), (145, 28367), (159, 28409), (181, 28472), (207, 28553), (239, 28646), (247, 28679), (251, 28700), (264, 28748), (276, 28808), (280, 28820), (284, 28826), (286, 28832), (291, 28847), (293, 28865), (314, 28967), (324, 29000), (332, 29036), (347, 29075), (352, 29087), (361, 29108), (375, 29147), (380, 29159), (384, 29165), (401, 29219),

Gene: Rhinoforte_31 Start: 29035, Stop: 30084, Start Num: 78
Candidate Starts for Rhinoforte_31:
(15, 28558), (17, 28603), (22, 28678), (28, 28774), (35, 28864), (Start: 43 @28924 has 1 MA's), (51, 28954), (Start: 52 @28957 has 1 MA's), (Start: 78 @29035 has 61 MA's), (97, 29083), (109, 29116), (121, 29167), (122, 29170), (145, 29233), (155, 29257), (193, 29380), (204, 29407), (207, 29419), (221, 29455), (234, 29497), (240, 29515), (245, 29539), (250, 29563), (252, 29575), (262, 29608), (269, 29647), (280, 29686), (294, 29734), (307, 29782), (311, 29803), (312, 29815), (320, 29848), (321, 29851), (333, 29905), (347, 29941), (352, 29953), (359, 29968), (361, 29974), (373, 30001), (375, 30007), (378, 30013), (382, 30022),

Gene: Rich_28 Start: 27637, Stop: 28725, Start Num: 72
Candidate Starts for Rich_28:
(68, 27625), (Start: 72 @27637 has 10 MA's), (134, 27817), (143, 27847), (145, 27853), (159, 27895), (207, 28039), (239, 28132), (251, 28186), (264, 28234), (276, 28294), (280, 28306), (284, 28312), (286, 28318), (314, 28453), (324, 28486), (332, 28522), (347, 28561), (352, 28573), (375, 28633), (379, 28642), (380, 28645), (399, 28702),

Gene: Ricotta_29 Start: 27379, Stop: 28491, Start Num: 64
Candidate Starts for Ricotta_29:
(Start: 64 @27379 has 272 MA's), (Start: 70 @27397 has 8 MA's), (91, 27448), (143, 27616), (169, 27694), (200, 27784), (207, 27808), (221, 27844), (239, 27901), (242, 27916), (243, 27925), (250, 27952), (251, 27955), (258, 27982), (272, 28045), (280, 28075), (284, 28081), (305, 28165), (307, 28174), (321, 28243), (327, 28279), (329, 28285), (333, 28297), (367, 28387), (375, 28405), (379, 28414), (386, 28432), (398, 28465),

Gene: Riggan_30 Start: 27638, Stop: 28750, Start Num: 64
Candidate Starts for Riggan_30:
(Start: 64 @27638 has 272 MA's), (Start: 70 @27656 has 8 MA's), (91, 27707), (143, 27875), (169, 27953), (200, 28043), (207, 28067), (221, 28103), (239, 28160), (242, 28175), (243, 28184), (250, 28211), (251, 28214), (258, 28241), (272, 28304), (280, 28334), (284, 28340), (305, 28424), (307, 28433), (321, 28502), (327, 28538), (329, 28544), (333, 28556), (367, 28646), (375, 28664), (379, 28673), (386, 28691), (398, 28724),

Gene: Rimu_30 Start: 27387, Stop: 28499, Start Num: 64
Candidate Starts for Rimu_30:
(Start: 64 @27387 has 272 MA's), (Start: 70 @27405 has 8 MA's), (91, 27456), (113, 27531), (143, 27624), (156, 27657), (169, 27702), (200, 27792), (207, 27816), (221, 27852), (239, 27909), (242, 27924), (243, 27933), (250, 27960), (251, 27963), (258, 27990), (272, 28053), (284, 28089), (305, 28173), (307, 28182), (321, 28251), (327, 28287), (329, 28293), (333, 28305), (367, 28395), (375, 28413), (379, 28422), (386, 28440), (398, 28473),

Gene: Rinkes_32 Start: 30257, Stop: 31336, Start Num: 80
Candidate Starts for Rinkes_32:
(32, 30059), (42, 30140), (65, 30221), (Start: 80 @30257 has 30 MA's), (86, 30266), (91, 30284), (93, 30290), (97, 30308), (98, 30311), (120, 30389), (138, 30434), (145, 30458), (155, 30482), (172, 30536), (203, 30629), (207, 30644), (233, 30719), (234, 30722), (239, 30737), (243, 30761), (245, 30764), (250, 30788), (251, 30791), (265, 30842), (266, 30860), (272, 30881), (280, 30911), (284, 30917), (304, 30989), (305, 30998), (308, 31016), (312, 31040), (314, 31058), (324, 31091), (327, 31112), (332, 31127), (333, 31130), (352, 31178), (371, 31226), (375, 31238), (379, 31247), (407, 31313),

Gene: Rita130_29 Start: 27896, Stop: 28984, Start Num: 72
Candidate Starts for Rita130_29:
(Start: 72 @27896 has 10 MA's), (134, 28076), (143, 28106), (145, 28112), (159, 28154), (169, 28184), (207, 28298), (239, 28391), (251, 28445), (264, 28493), (276, 28553), (280, 28565), (284, 28571), (286, 28577), (292, 28604), (314, 28712), (324, 28745), (352, 28832), (375, 28892), (379, 28901), (380, 28904),

Gene: Rita1961_30 Start: 27560, Stop: 28603, Start Num: 74
Candidate Starts for Rita1961_30:
(Start: 43 @27455 has 1 MA's), (51, 27485), (Start: 74 @27560 has 54 MA's), (97, 27608), (117, 27674), (145, 27758), (155, 27782), (161, 27806), (169, 27830), (177, 27851), (186, 27884), (239, 28037), (241, 28049), (258, 28118), (276, 28199), (302, 28286), (305, 28301), (311, 28331), (324,

28394), (342, 28454), (348, 28472), (350, 28478), (352, 28481), (361, 28502), (373, 28532), (375, 28538), (378, 28544), (382, 28553),

Gene: Riverton_29 Start: 27656, Stop: 28768, Start Num: 64
Candidate Starts for Riverton_29:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (113, 27800), (143, 27893), (156, 27926), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: Rizwana_31 Start: 26465, Stop: 27577, Start Num: 60
Candidate Starts for Rizwana_31:
(Start: 60 @26465 has 18 MA's), (115, 26639), (119, 26657), (121, 26666), (152, 26771), (156, 26783), (183, 26825), (191, 26846), (202, 26861), (214, 26897), (227, 26939), (248, 27026), (280, 27170), (319, 27305), (333, 27365), (360, 27440), (374, 27476), (381, 27494), (393, 27536), (406, 27566),

Gene: RobinRose_40 Start: 30131, Stop: 31279, Start Num: 46
Candidate Starts for RobinRose_40:
(13, 29705), (25, 29945), (31, 30020), (33, 30035), (Start: 45 @30128 has 5 MA's), (Start: 46 @30131 has 91 MA's), (68, 30164), (121, 30341), (128, 30365), (142, 30407), (149, 30431), (155, 30455), (172, 30497), (192, 30560), (214, 30617), (220, 30635), (242, 30707), (327, 31046), (331, 31058), (374, 31175), (383, 31196), (390, 31226), (408, 31268),

Gene: RobsFeet_40 Start: 28276, Stop: 29433, Start Num: 53
Candidate Starts for RobsFeet_40:
(Start: 53 @28276 has 12 MA's), (86, 28363), (128, 28525), (140, 28558), (144, 28573), (149, 28591), (157, 28624), (172, 28663), (188, 28717), (201, 28744), (209, 28762), (214, 28780), (220, 28798), (238, 28846), (245, 28876), (248, 28888), (311, 29128), (336, 29242), (358, 29299), (381, 29359), (389, 29389), (392, 29398), (404, 29425),

Gene: Robyn_29 Start: 27220, Stop: 28332, Start Num: 64
Candidate Starts for Robyn_29:
(Start: 64 @27220 has 272 MA's), (Start: 70 @27238 has 8 MA's), (91, 27289), (143, 27457), (169, 27535), (200, 27625), (207, 27649), (239, 27742), (242, 27757), (243, 27766), (250, 27793), (251, 27796), (258, 27823), (272, 27886), (280, 27916), (284, 27922), (305, 28006), (307, 28015), (321, 28084), (327, 28120), (329, 28126), (333, 28138), (367, 28228), (375, 28246), (379, 28255), (386, 28273), (398, 28306),

Gene: Rockwell_38 Start: 27651, Stop: 28853, Start Num: 46
Candidate Starts for Rockwell_38:
(Start: 46 @27651 has 91 MA's), (63, 27687), (Start: 85 @27744 has 10 MA's), (121, 27879), (128, 27903), (137, 27927), (144, 27951), (166, 28032), (172, 28053), (188, 28107), (197, 28134), (200, 28140), (202, 28146), (209, 28164), (214, 28182), (238, 28251), (240, 28257), (253, 28320), (265, 28365), (295, 28476), (326, 28611), (327, 28626), (333, 28644), (351, 28698), (358, 28713), (365, 28731), (384, 28779), (392, 28812), (404, 28839), (408, 28845),

Gene: Roliet_30 Start: 27648, Stop: 28760, Start Num: 64
Candidate Starts for Roliet_30:
(Start: 64 @27648 has 272 MA's), (Start: 70 @27666 has 8 MA's), (91, 27717), (113, 27792), (143, 27885), (169, 27963), (200, 28053), (207, 28077), (221, 28113), (239, 28170), (242, 28185), (243, 28194), (250, 28221), (251, 28224), (258, 28251), (272, 28314), (280, 28344), (284, 28350), (305, 28434), (307, 28443), (321, 28512), (327, 28548), (329, 28554), (333, 28566), (367, 28656), (375,

28674), (379, 28683), (386, 28701), (398, 28734),

Gene: RomaT_30 Start: 28350, Stop: 29393, Start Num: 74
Candidate Starts for RomaT_30:
(Start: 43 @28245 has 1 MA's), (51, 28275), (Start: 74 @28350 has 54 MA's), (97, 28398), (117, 28464), (145, 28548), (155, 28572), (169, 28620), (177, 28641), (239, 28827), (241, 28839), (258, 28908), (276, 28989), (302, 29076), (305, 29091), (311, 29121), (324, 29184), (342, 29244), (348, 29262), (350, 29268), (352, 29271), (361, 29292), (373, 29322), (375, 29328), (378, 29334), (382, 29343),

Gene: RomansRevenge_29 Start: 24847, Stop: 25974, Start Num: 60
Candidate Starts for RomansRevenge_29:
(Start: 60 @24847 has 18 MA's), (90, 24934), (120, 25045), (143, 25117), (150, 25141), (156, 25165), (183, 25207), (203, 25246), (214, 25279), (238, 25351), (240, 25357), (242, 25369), (248, 25396), (259, 25453), (267, 25498), (273, 25519), (280, 25543), (319, 25693), (330, 25744), (333, 25753), (339, 25771), (343, 25786), (351, 25807), (360, 25828), (374, 25864), (381, 25882),

Gene: Romm_40 Start: 30131, Stop: 31279, Start Num: 46
Candidate Starts for Romm_40:
(13, 29705), (25, 29945), (31, 30020), (33, 30035), (Start: 45 @30128 has 5 MA's), (Start: 46 @30131 has 91 MA's), (68, 30164), (121, 30341), (128, 30365), (142, 30407), (149, 30431), (155, 30455), (172, 30497), (192, 30560), (214, 30617), (220, 30635), (242, 30707), (327, 31046), (331, 31058), (374, 31175), (390, 31226), (408, 31268),

Gene: Roscoe_31 Start: 27886, Stop: 28998, Start Num: 64
Candidate Starts for Roscoe_31:
(Start: 64 @27886 has 272 MA's), (Start: 70 @27904 has 8 MA's), (91, 27955), (143, 28123), (169, 28201), (200, 28291), (207, 28315), (221, 28351), (239, 28408), (242, 28423), (243, 28432), (250, 28459), (251, 28462), (258, 28489), (272, 28552), (280, 28582), (284, 28588), (305, 28672), (307, 28681), (321, 28750), (327, 28786), (329, 28792), (333, 28804), (367, 28894), (375, 28912), (379, 28921), (386, 28939), (398, 28972),

Gene: Rosebush_31 Start: 29042, Stop: 30091, Start Num: 78
Candidate Starts for Rosebush_31:
(15, 28565), (17, 28610), (22, 28685), (28, 28781), (35, 28871), (Start: 43 @28931 has 1 MA's), (51, 28961), (Start: 52 @28964 has 1 MA's), (Start: 78 @29042 has 61 MA's), (97, 29090), (109, 29123), (121, 29174), (122, 29177), (145, 29240), (155, 29264), (193, 29387), (204, 29414), (207, 29426), (221, 29462), (234, 29504), (240, 29522), (245, 29546), (250, 29570), (262, 29615), (269, 29654), (280, 29693), (294, 29741), (307, 29789), (311, 29810), (312, 29822), (320, 29855), (321, 29858), (333, 29912), (347, 29948), (352, 29960), (359, 29975), (361, 29981), (373, 30008), (375, 30014), (378, 30020), (382, 30029),

Gene: Rowlf_35 Start: 30509, Stop: 31660, Start Num: 46
Candidate Starts for Rowlf_35:
(5, 29933), (13, 30083), (33, 30413), (Start: 46 @30509 has 91 MA's), (68, 30542), (75, 30563), (Start: 85 @30581 has 10 MA's), (90, 30599), (121, 30719), (128, 30743), (172, 30875), (220, 31013), (254, 31142), (267, 31211), (285, 31265), (315, 31373), (327, 31424), (331, 31436), (374, 31553), (384, 31577), (392, 31610), (394, 31616), (409, 31649),

Gene: Roy17_30 Start: 27352, Stop: 28464, Start Num: 64
Candidate Starts for Roy17_30:
(Start: 64 @27352 has 272 MA's), (Start: 70 @27370 has 8 MA's), (91, 27421), (143, 27589), (169, 27667), (200, 27757), (207, 27781), (221, 27817), (239, 27874), (242, 27889), (243, 27898), (250,

27925), (251, 27928), (258, 27955), (272, 28018), (280, 28048), (284, 28054), (305, 28138), (307, 28147), (321, 28216), (327, 28252), (329, 28258), (333, 28270), (367, 28360), (375, 28378), (379, 28387), (386, 28405), (398, 28438),

Gene: RubyRalph_41 Start: 30999, Stop: 32168, Start Num: 46
Candidate Starts for RubyRalph_41:
(Start: 46 @30999 has 91 MA's), (68, 31044), (88, 31089), (116, 31197), (128, 31245), (158, 31347), (164, 31362), (168, 31380), (172, 31386), (187, 31437), (212, 31500), (238, 31578), (265, 31695), (309, 31842), (327, 31935), (329, 31941), (331, 31947), (339, 31971), (340, 31974), (345, 31992), (351, 32007), (358, 32022), (390, 32115),

Gene: Rudy_37 Start: 30370, Stop: 31521, Start Num: 46
Candidate Starts for Rudy_37:
(13, 29944), (33, 30274), (Start: 46 @30370 has 91 MA's), (68, 30403), (75, 30424), (Start: 85 @30442 has 10 MA's), (90, 30460), (121, 30580), (128, 30604), (172, 30736), (220, 30874), (254, 31003), (267, 31072), (285, 31126), (315, 31234), (327, 31285), (331, 31297), (374, 31414), (384, 31438), (392, 31471), (394, 31477), (409, 31510),

Gene: SDcharge11_30 Start: 27626, Stop: 28738, Start Num: 64
Candidate Starts for SDcharge11_30:
(Start: 64 @27626 has 272 MA's), (Start: 70 @27644 has 8 MA's), (91, 27695), (143, 27863), (169, 27941), (200, 28031), (207, 28055), (221, 28091), (239, 28148), (242, 28163), (243, 28172), (250, 28199), (251, 28202), (258, 28229), (272, 28292), (280, 28322), (284, 28328), (305, 28412), (307, 28421), (321, 28490), (327, 28526), (329, 28532), (333, 28544), (367, 28634), (375, 28652), (379, 28661), (386, 28679), (398, 28712),

Gene: Sabella_31 Start: 28919, Stop: 29968, Start Num: 78
Candidate Starts for Sabella_31:
(15, 28442), (17, 28487), (22, 28562), (28, 28658), (35, 28748), (Start: 43 @28808 has 1 MA's), (51, 28838), (Start: 52 @28841 has 1 MA's), (Start: 78 @28919 has 61 MA's), (97, 28967), (109, 29000), (121, 29051), (122, 29054), (145, 29117), (155, 29141), (193, 29264), (204, 29291), (207, 29303), (221, 29339), (234, 29381), (240, 29399), (245, 29423), (250, 29447), (252, 29459), (262, 29492), (269, 29531), (280, 29570), (294, 29618), (307, 29666), (311, 29687), (312, 29699), (320, 29732), (321, 29735), (333, 29789), (347, 29825), (352, 29837), (359, 29852), (361, 29858), (373, 29885), (375, 29891), (378, 29897), (382, 29906),

Gene: SadLad_43 Start: 31942, Stop: 33111, Start Num: 46
Candidate Starts for SadLad_43:
(3, 31252), (Start: 46 @31942 has 91 MA's), (68, 31987), (88, 32032), (116, 32140), (128, 32188), (158, 32290), (164, 32305), (168, 32323), (172, 32329), (187, 32380), (212, 32443), (238, 32521), (265, 32638), (309, 32785), (327, 32878), (329, 32884), (331, 32890), (339, 32914), (340, 32917), (345, 32935), (351, 32950), (358, 32965), (390, 33058),

Gene: Saguaro_30 Start: 29871, Stop: 30962, Start Num: 76
Candidate Starts for Saguaro_30:
(Start: 76 @29871 has 10 MA's), (86, 29880), (97, 29922), (138, 30048), (143, 30066), (145, 30072), (154, 30093), (159, 30114), (207, 30258), (221, 30294), (233, 30333), (243, 30375), (245, 30378), (250, 30402), (251, 30405), (252, 30414), (262, 30447), (272, 30495), (284, 30531), (305, 30612), (307, 30621), (308, 30630), (312, 30654), (314, 30672), (324, 30705), (333, 30744), (347, 30780), (352, 30792), (359, 30807), (375, 30852), (386, 30888), (412, 30951),

Gene: Salete_22 Start: 21599, Stop: 22627, Start Num: 85
Candidate Starts for Salete_22:

(30, 21332), (57, 21521), (Start: 85 @21599 has 10 MA's), (102, 21656), (110, 21683), (114, 21698), (169, 21866), (171, 21869), (183, 21911), (196, 21947), (221, 22019), (256, 22145), (271, 22211), (281, 22247), (283, 22250), (289, 22277), (291, 22283), (300, 22322), (327, 22454), (338, 22487), (352, 22532), (361, 22553), (380, 22583), (382, 22586), (384, 22592), (393, 22616), (394, 22619),

Gene: SallyH_30 Start: 27662, Stop: 28774, Start Num: 64
Candidate Starts for SallyH_30:
(Start: 64 @27662 has 272 MA's), (Start: 70 @27680 has 8 MA's), (91, 27731), (143, 27899), (169, 27977), (200, 28067), (207, 28091), (221, 28127), (239, 28184), (242, 28199), (243, 28208), (250, 28235), (251, 28238), (258, 28265), (272, 28328), (280, 28358), (284, 28364), (305, 28448), (307, 28457), (321, 28526), (327, 28562), (329, 28568), (333, 28580), (367, 28670), (375, 28688), (379, 28697), (386, 28715), (398, 28748),

Gene: SallyK_40 Start: 31320, Stop: 32471, Start Num: 46
Candidate Starts for SallyK_40:
(5, 30744), (13, 30894), (33, 31224), (Start: 46 @31320 has 91 MA's), (68, 31353), (75, 31374), (Start: 85 @31392 has 10 MA's), (90, 31410), (121, 31530), (128, 31554), (172, 31686), (220, 31824), (254, 31953), (267, 32022), (285, 32076), (315, 32184), (327, 32235), (331, 32247), (374, 32364), (384, 32388), (392, 32421), (409, 32460),

Gene: Samaymay_30 Start: 27652, Stop: 28764, Start Num: 64
Candidate Starts for Samaymay_30:
(Start: 64 @27652 has 272 MA's), (Start: 70 @27670 has 8 MA's), (91, 27721), (143, 27889), (169, 27967), (200, 28057), (207, 28081), (221, 28117), (239, 28174), (242, 28189), (243, 28198), (250, 28225), (251, 28228), (258, 28255), (272, 28318), (280, 28348), (284, 28354), (305, 28438), (307, 28447), (321, 28516), (327, 28552), (329, 28558), (333, 28570), (367, 28660), (375, 28678), (379, 28687), (386, 28705), (398, 28738),

Gene: SassyCat97_29 Start: 27358, Stop: 28470, Start Num: 64
Candidate Starts for SassyCat97_29:
(Start: 64 @27358 has 272 MA's), (Start: 70 @27376 has 8 MA's), (91, 27427), (143, 27595), (169, 27673), (200, 27763), (207, 27787), (221, 27823), (239, 27880), (242, 27895), (243, 27904), (250, 27931), (251, 27934), (258, 27961), (272, 28024), (280, 28054), (284, 28060), (305, 28144), (307, 28153), (321, 28222), (327, 28258), (329, 28264), (333, 28276), (367, 28366), (375, 28384), (379, 28393), (386, 28411), (398, 28444),

Gene: Savannah_38 Start: 27678, Stop: 28880, Start Num: 46
Candidate Starts for Savannah_38:
(Start: 46 @27678 has 91 MA's), (63, 27714), (Start: 85 @27771 has 10 MA's), (102, 27834), (121, 27906), (128, 27930), (137, 27954), (144, 27978), (166, 28059), (172, 28080), (188, 28134), (197, 28161), (200, 28167), (202, 28173), (209, 28191), (214, 28209), (238, 28278), (240, 28284), (253, 28347), (265, 28392), (295, 28503), (326, 28638), (327, 28653), (333, 28671), (351, 28725), (358, 28740), (365, 28758), (384, 28806), (392, 28839), (404, 28866), (408, 28872),

Gene: Schadenfreude_29 Start: 27206, Stop: 28318, Start Num: 64
Candidate Starts for Schadenfreude_29:
(Start: 64 @27206 has 272 MA's), (Start: 70 @27224 has 8 MA's), (91, 27275), (143, 27443), (169, 27521), (200, 27611), (207, 27635), (221, 27671), (239, 27728), (242, 27743), (243, 27752), (250, 27779), (251, 27782), (258, 27809), (272, 27872), (280, 27902), (284, 27908), (305, 27992), (307, 28001), (321, 28070), (327, 28106), (329, 28112), (333, 28124), (367, 28214), (375, 28232), (379, 28241), (386, 28259), (398, 28292),

Gene: Schueller_29 Start: 27373, Stop: 28485, Start Num: 64

Candidate Starts for Schueller_29:
(Start: 64 @27373 has 272 MA's), (Start: 70 @27391 has 8 MA's), (91, 27442), (113, 27517), (143, 27610), (156, 27643), (169, 27688), (200, 27778), (207, 27802), (221, 27838), (239, 27895), (242, 27910), (243, 27919), (250, 27946), (251, 27949), (258, 27976), (272, 28039), (280, 28069), (284, 28075), (305, 28159), (307, 28168), (321, 28237), (327, 28273), (329, 28279), (333, 28291), (367, 28381), (375, 28399), (379, 28408), (386, 28426), (398, 28459),

Gene: Scoot17C_30 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for Scoot17C_30:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (143, 27888), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Scrick_30 Start: 27376, Stop: 28488, Start Num: 64
Candidate Starts for Scrick_30:
(Start: 64 @27376 has 272 MA's), (Start: 70 @27394 has 8 MA's), (91, 27445), (143, 27613), (169, 27691), (200, 27781), (207, 27805), (221, 27841), (239, 27898), (242, 27913), (243, 27922), (250, 27949), (251, 27952), (258, 27979), (272, 28042), (280, 28072), (284, 28078), (305, 28162), (307, 28171), (321, 28240), (327, 28276), (329, 28282), (333, 28294), (367, 28384), (375, 28402), (379, 28411), (386, 28429), (398, 28462),

Gene: Scumberland_40 Start: 27873, Stop: 29075, Start Num: 46
Candidate Starts for Scumberland_40:
(Start: 46 @27873 has 91 MA's), (63, 27909), (Start: 85 @27966 has 10 MA's), (121, 28101), (128, 28125), (137, 28149), (144, 28173), (166, 28254), (172, 28275), (188, 28329), (197, 28356), (200, 28362), (202, 28368), (209, 28386), (214, 28404), (238, 28473), (240, 28479), (253, 28542), (265, 28587), (295, 28698), (326, 28833), (327, 28848), (333, 28866), (351, 28920), (358, 28935), (365, 28953), (384, 29001), (392, 29034), (404, 29061), (408, 29067),

Gene: Sejanus_26 Start: 25884, Stop: 26930, Start Num: 74
Candidate Starts for Sejanus_26:
(7, 25254), (9, 25314), (14, 25380), (15, 25413), (17, 25458), (27, 25611), (Start: 43 @25779 has 1 MA's), (51, 25809), (Start: 74 @25884 has 54 MA's), (Start: 78 @25890 has 61 MA's), (110, 25977), (117, 26004), (121, 26022), (122, 26025), (145, 26088), (169, 26160), (172, 26166), (177, 26181), (239, 26367), (241, 26379), (248, 26406), (271, 26508), (292, 26580), (293, 26586), (305, 26628), (307, 26637), (311, 26658), (321, 26706), (324, 26721), (328, 26745), (338, 26769), (348, 26799), (352, 26808), (359, 26823), (375, 26862), (382, 26877),

Gene: Selr12_30 Start: 27380, Stop: 28492, Start Num: 64
Candidate Starts for Selr12_30:
(Start: 64 @27380 has 272 MA's), (Start: 70 @27398 has 8 MA's), (91, 27449), (143, 27617), (169, 27695), (200, 27785), (207, 27809), (221, 27845), (239, 27902), (242, 27917), (243, 27926), (250, 27953), (251, 27956), (258, 27983), (272, 28046), (280, 28076), (284, 28082), (305, 28166), (307, 28175), (321, 28244), (327, 28280), (329, 28286), (333, 28298), (367, 28388), (375, 28406), (379, 28415), (386, 28433), (398, 28466),

Gene: Selwyn23_40 Start: 27850, Stop: 29052, Start Num: 46
Candidate Starts for Selwyn23_40:
(Start: 46 @27850 has 91 MA's), (63, 27886), (Start: 85 @27943 has 10 MA's), (121, 28078), (128, 28102), (137, 28126), (144, 28150), (166, 28231), (172, 28252), (188, 28306), (197, 28333), (200, 28339), (202, 28345), (209, 28363), (214, 28381), (238, 28450), (240, 28456), (253, 28519), (265,

28564), (280, 28636), (295, 28675), (326, 28810), (327, 28825), (333, 28843), (351, 28897), (358, 28912), (365, 28930), (381, 28972), (384, 28978), (392, 29011), (404, 29038), (408, 29044),

Gene: Serendipitous_28 Start: 27700, Stop: 28785, Start Num: 72
Candidate Starts for Serendipitous_28:
(Start: 72 @27700 has 10 MA's), (143, 27907), (145, 27913), (159, 27955), (169, 27985), (207, 28099), (239, 28192), (251, 28246), (264, 28294), (276, 28354), (280, 28366), (284, 28372), (286, 28378), (291, 28393), (292, 28405), (314, 28513), (347, 28621), (352, 28633), (375, 28693), (379, 28702),

Gene: Serendipity_30 Start: 27676, Stop: 28788, Start Num: 64
Candidate Starts for Serendipity_30:
(Start: 64 @27676 has 272 MA's), (Start: 70 @27694 has 8 MA's), (91, 27745), (143, 27913), (169, 27991), (200, 28081), (207, 28105), (221, 28141), (239, 28198), (242, 28213), (243, 28222), (250, 28249), (251, 28252), (258, 28279), (272, 28342), (280, 28372), (284, 28378), (305, 28462), (307, 28471), (321, 28540), (327, 28576), (329, 28582), (333, 28594), (367, 28684), (375, 28702), (379, 28711), (386, 28729), (398, 28762),

Gene: Serpentine_0030 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Serpentine_0030:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: ShadowBud_30 Start: 27677, Stop: 28789, Start Num: 64
Candidate Starts for ShadowBud_30:
(Start: 64 @27677 has 272 MA's), (Start: 70 @27695 has 8 MA's), (91, 27746), (143, 27914), (169, 27992), (200, 28082), (207, 28106), (221, 28142), (239, 28199), (242, 28214), (243, 28223), (250, 28250), (251, 28253), (258, 28280), (272, 28343), (280, 28373), (284, 28379), (305, 28463), (307, 28472), (321, 28541), (327, 28577), (329, 28583), (333, 28595), (367, 28685), (375, 28703), (379, 28712), (386, 28730), (398, 28763),

Gene: Shatter_26 Start: 25044, Stop: 26081, Start Num: 76
Candidate Starts for Shatter_26:
(Start: 74 @25041 has 54 MA's), (Start: 76 @25044 has 10 MA's), (117, 25158), (137, 25206), (145, 25233), (163, 25287), (204, 25407), (207, 25419), (221, 25455), (242, 25527), (245, 25539), (252, 25575), (254, 25581), (258, 25593), (272, 25656), (305, 25773), (327, 25887), (352, 25953), (359, 25968), (361, 25974), (371, 26001), (386, 26031), (407, 26070),

Gene: Sheila_30 Start: 27646, Stop: 28758, Start Num: 64
Candidate Starts for Sheila_30:
(Start: 64 @27646 has 272 MA's), (Start: 70 @27664 has 8 MA's), (91, 27715), (143, 27883), (169, 27961), (200, 28051), (207, 28075), (221, 28111), (239, 28168), (242, 28183), (243, 28192), (250, 28219), (251, 28222), (258, 28249), (272, 28312), (280, 28342), (284, 28348), (305, 28432), (307, 28441), (321, 28510), (327, 28546), (329, 28552), (333, 28564), (367, 28654), (375, 28672), (379, 28681), (386, 28699), (398, 28732),

Gene: Shenandoah_30 Start: 27549, Stop: 28592, Start Num: 74
Candidate Starts for Shenandoah_30:
(Start: 43 @27444 has 1 MA's), (51, 27474), (Start: 74 @27549 has 54 MA's), (97, 27597), (117, 27663), (145, 27747), (155, 27771), (161, 27795), (169, 27819), (177, 27840), (186, 27873), (237, 28020), (239, 28026), (241, 28038), (258, 28107), (276, 28188), (302, 28275), (305, 28290), (311,

28320), (324, 28383), (342, 28443), (348, 28461), (350, 28467), (352, 28470), (361, 28491), (373, 28521), (375, 28527), (378, 28533), (382, 28542),

Gene: Shenyu_29 Start: 27852, Stop: 28937, Start Num: 72
Candidate Starts for Shenyu_29:
(Start: 72 @27852 has 10 MA's), (143, 28059), (145, 28065), (154, 28086), (155, 28089), (159, 28107), (169, 28137), (207, 28251), (239, 28344), (251, 28398), (264, 28446), (276, 28506), (280, 28518), (284, 28524), (286, 28530), (291, 28545), (293, 28563), (314, 28665), (321, 28683), (332, 28734), (347, 28773), (352, 28785), (359, 28800), (375, 28845), (379, 28854),

Gene: ShiVal_30 Start: 27650, Stop: 28762, Start Num: 64
Candidate Starts for ShiVal_30:
(Start: 64 @27650 has 272 MA's), (Start: 70 @27668 has 8 MA's), (91, 27719), (143, 27887), (169, 27965), (200, 28055), (207, 28079), (221, 28115), (239, 28172), (242, 28187), (243, 28196), (250, 28223), (251, 28226), (258, 28253), (272, 28316), (280, 28346), (284, 28352), (305, 28436), (307, 28445), (321, 28514), (327, 28550), (329, 28556), (333, 28568), (367, 28658), (375, 28676), (379, 28685), (386, 28703), (398, 28736),

Gene: Shotgun_38 Start: 27477, Stop: 28679, Start Num: 46
Candidate Starts for Shotgun_38:
(Start: 46 @27477 has 91 MA's), (63, 27513), (Start: 85 @27570 has 10 MA's), (102, 27633), (121, 27705), (128, 27729), (137, 27753), (144, 27777), (166, 27858), (172, 27879), (188, 27933), (197, 27960), (200, 27966), (202, 27972), (209, 27990), (214, 28008), (238, 28077), (240, 28083), (253, 28146), (265, 28191), (295, 28302), (326, 28437), (327, 28452), (333, 28470), (351, 28524), (358, 28539), (365, 28557), (384, 28605), (392, 28638), (404, 28665), (408, 28671),

Gene: Shrubaron_39 Start: 27910, Stop: 29067, Start Num: 53
Candidate Starts for Shrubaron_39:
(Start: 53 @27910 has 12 MA's), (86, 27997), (128, 28159), (140, 28192), (144, 28207), (149, 28225), (157, 28258), (172, 28297), (188, 28351), (201, 28378), (209, 28396), (214, 28414), (220, 28432), (238, 28480), (245, 28510), (248, 28522), (311, 28762), (336, 28876), (358, 28933), (381, 28993), (389, 29023), (392, 29032), (404, 29059),

Gene: Sigman_30 Start: 27642, Stop: 28754, Start Num: 64
Candidate Starts for Sigman_30:
(Start: 64 @27642 has 272 MA's), (Start: 70 @27660 has 8 MA's), (91, 27711), (143, 27879), (169, 27957), (200, 28047), (207, 28071), (221, 28107), (239, 28164), (242, 28179), (243, 28188), (250, 28215), (251, 28218), (258, 28245), (272, 28308), (280, 28338), (284, 28344), (305, 28428), (307, 28437), (321, 28506), (327, 28542), (329, 28548), (333, 28560), (367, 28650), (375, 28668), (379, 28677), (386, 28695), (398, 28728),

Gene: SilentRX_33 Start: 27115, Stop: 28230, Start Num: 60
Candidate Starts for SilentRX_33:
(Start: 60 @27115 has 18 MA's), (90, 27202), (99, 27235), (101, 27244), (115, 27289), (119, 27307), (121, 27316), (122, 27319), (128, 27340), (143, 27385), (150, 27409), (151, 27418), (183, 27475), (227, 27589), (257, 27718), (264, 27745), (265, 27748), (280, 27820), (294, 27859), (315, 27946), (319, 27955), (343, 28048), (351, 28069), (360, 28090), (365, 28102), (374, 28126), (381, 28144), (392, 28186),

Gene: Sillytadpoles_39 Start: 30210, Stop: 31361, Start Num: 46
Candidate Starts for Sillytadpoles_39:
(5, 29634), (13, 29784), (33, 30114), (Start: 46 @30210 has 91 MA's), (68, 30243), (75, 30264), (Start: 85 @30282 has 10 MA's), (90, 30300), (121, 30420), (128, 30444), (172, 30576), (220, 30714), (254,

30843), (267, 30912), (285, 30966), (315, 31074), (327, 31125), (331, 31137), (374, 31254), (384, 31278), (392, 31311), (409, 31350),

Gene: SilverBell_30 Start: 27672, Stop: 28784, Start Num: 64
Candidate Starts for SilverBell_30:
(Start: 64 @27672 has 272 MA's), (Start: 70 @27690 has 8 MA's), (91, 27741), (143, 27909), (169, 27987), (200, 28077), (207, 28101), (221, 28137), (239, 28194), (242, 28209), (243, 28218), (250, 28245), (251, 28248), (258, 28275), (272, 28338), (280, 28368), (284, 28374), (305, 28458), (307, 28467), (321, 28536), (327, 28572), (329, 28578), (333, 28590), (367, 28680), (375, 28698), (379, 28707), (386, 28725), (398, 28758),

Gene: Simielle_29 Start: 27345, Stop: 28457, Start Num: 64
Candidate Starts for Simielle_29:
(Start: 64 @27345 has 272 MA's), (Start: 70 @27363 has 8 MA's), (91, 27414), (143, 27582), (169, 27660), (200, 27750), (207, 27774), (221, 27810), (239, 27867), (242, 27882), (243, 27891), (250, 27918), (251, 27921), (258, 27948), (272, 28011), (280, 28041), (284, 28047), (305, 28131), (307, 28140), (321, 28209), (327, 28245), (329, 28251), (333, 28263), (367, 28353), (375, 28371), (379, 28380), (386, 28398), (398, 28431),

Gene: SirBeauregard_30 Start: 27349, Stop: 28461, Start Num: 64
Candidate Starts for SirBeauregard_30:
(Start: 64 @27349 has 272 MA's), (Start: 70 @27367 has 8 MA's), (91, 27418), (143, 27586), (169, 27664), (200, 27754), (207, 27778), (221, 27814), (239, 27871), (242, 27886), (243, 27895), (250, 27922), (251, 27925), (258, 27952), (272, 28015), (280, 28045), (284, 28051), (305, 28135), (307, 28144), (321, 28213), (327, 28249), (329, 28255), (333, 28267), (367, 28357), (375, 28375), (379, 28384), (386, 28402), (398, 28435),

Gene: SirFrank_38 Start: 27533, Stop: 28732, Start Num: 46
Candidate Starts for SirFrank_38:
(Start: 46 @27533 has 91 MA's), (55, 27545), (Start: 85 @27626 has 10 MA's), (121, 27761), (122, 27764), (128, 27785), (137, 27809), (144, 27833), (172, 27935), (188, 27989), (197, 28016), (200, 28022), (202, 28028), (214, 28064), (238, 28133), (240, 28139), (253, 28202), (291, 28352), (326, 28493), (333, 28526), (351, 28580), (358, 28595), (365, 28613), (381, 28655), (384, 28661), (404, 28721), (405, 28724),

Gene: SirJeffery_29 Start: 27895, Stop: 28983, Start Num: 72
Candidate Starts for SirJeffery_29:
(Start: 72 @27895 has 10 MA's), (134, 28075), (143, 28105), (145, 28111), (159, 28153), (169, 28183), (207, 28297), (239, 28390), (251, 28444), (264, 28492), (276, 28552), (280, 28564), (284, 28570), (286, 28576), (292, 28603), (314, 28711), (324, 28744), (352, 28831), (375, 28891), (379, 28900), (380, 28903),

Gene: Sisko_26 Start: 25527, Stop: 26567, Start Num: 78
Candidate Starts for Sisko_26:
(Start: 43 @25416 has 1 MA's), (Start: 78 @25527 has 61 MA's), (91, 25551), (148, 25725), (181, 25824), (186, 25845), (207, 25905), (214, 25923), (241, 26010), (242, 26013), (252, 26061), (258, 26079), (272, 26142), (280, 26172), (282, 26175), (290, 26196), (305, 26259), (352, 26439), (403, 26547), (407, 26556),

Gene: Skippy_30 Start: 27640, Stop: 28752, Start Num: 64
Candidate Starts for Skippy_30:
(Start: 64 @27640 has 272 MA's), (Start: 70 @27658 has 8 MA's), (91, 27709), (143, 27877), (169, 27955), (200, 28045), (207, 28069), (221, 28105), (239, 28162), (242, 28177), (243, 28186), (250,

28213), (251, 28216), (258, 28243), (272, 28306), (280, 28336), (284, 28342), (305, 28426), (307, 28435), (321, 28504), (327, 28540), (329, 28546), (333, 28558), (367, 28648), (375, 28666), (379, 28675), (386, 28693), (398, 28726),

Gene: Skugga_37 Start: 27334, Stop: 28485, Start Num: 53
Candidate Starts for Skugga_37:
(Start: 53 @27334 has 12 MA's), (86, 27409), (89, 27415), (128, 27571), (137, 27595), (151, 27649), (157, 27670), (172, 27709), (188, 27763), (201, 27790), (214, 27826), (220, 27844), (228, 27862), (238, 27892), (239, 27895), (248, 27934), (253, 27961), (270, 28042), (310, 28168), (311, 28174), (319, 28216), (327, 28258), (331, 28270), (336, 28288), (355, 28339), (358, 28345), (362, 28354), (381, 28405), (392, 28444), (402, 28468),

Gene: Slatt_30 Start: 27665, Stop: 28777, Start Num: 64
Candidate Starts for Slatt_30:
(Start: 64 @27665 has 272 MA's), (Start: 70 @27683 has 8 MA's), (91, 27734), (143, 27902), (169, 27980), (200, 28070), (207, 28094), (221, 28130), (239, 28187), (242, 28202), (243, 28211), (250, 28238), (251, 28241), (258, 28268), (272, 28331), (280, 28361), (284, 28367), (305, 28451), (307, 28460), (321, 28529), (327, 28565), (329, 28571), (333, 28583), (367, 28673), (375, 28691), (379, 28700), (386, 28718), (398, 28751),

Gene: SlippinJimmy_30 Start: 28338, Stop: 29381, Start Num: 74
Candidate Starts for SlippinJimmy_30:
(Start: 43 @28233 has 1 MA's), (51, 28263), (Start: 74 @28338 has 54 MA's), (97, 28386), (117, 28452), (145, 28536), (155, 28560), (161, 28584), (169, 28608), (177, 28629), (186, 28662), (239, 28815), (241, 28827), (258, 28896), (276, 28977), (302, 29064), (305, 29079), (311, 29109), (324, 29172), (342, 29232), (348, 29250), (350, 29256), (352, 29259), (361, 29280), (373, 29310), (375, 29316), (378, 29322), (382, 29331),

Gene: SlySloth_41 Start: 31206, Stop: 32357, Start Num: 46
Candidate Starts for SlySloth_41:
(5, 30630), (13, 30780), (33, 31110), (Start: 46 @31206 has 91 MA's), (68, 31239), (75, 31260), (Start: 85 @31278 has 10 MA's), (90, 31296), (121, 31416), (128, 31440), (172, 31572), (220, 31710), (254, 31839), (267, 31908), (285, 31962), (315, 32070), (327, 32121), (331, 32133), (374, 32250), (384, 32274), (392, 32307), (394, 32313), (409, 32346),

Gene: Smarties_47 Start: 29437, Stop: 30585, Start Num: 53
Candidate Starts for Smarties_47:
(Start: 53 @29437 has 12 MA's), (86, 29512), (89, 29518), (94, 29542), (122, 29653), (151, 29752), (172, 29812), (188, 29866), (201, 29893), (214, 29929), (220, 29947), (238, 29995), (239, 29998), (245, 30025), (248, 30037), (253, 30064), (310, 30271), (311, 30277), (319, 30319), (327, 30361), (336, 30391), (358, 30448), (381, 30508), (388, 30535), (390, 30541), (392, 30547),

Gene: Soile_30 Start: 27372, Stop: 28484, Start Num: 64
Candidate Starts for Soile_30:
(Start: 64 @27372 has 272 MA's), (Start: 70 @27390 has 8 MA's), (91, 27441), (113, 27516), (143, 27609), (156, 27642), (169, 27687), (200, 27777), (207, 27801), (221, 27837), (239, 27894), (242, 27909), (243, 27918), (250, 27945), (251, 27948), (258, 27975), (272, 28038), (284, 28074), (305, 28158), (307, 28167), (321, 28236), (327, 28272), (329, 28278), (333, 28290), (367, 28380), (375, 28398), (379, 28407), (386, 28425), (398, 28458),

Gene: Solosis_29 Start: 27367, Stop: 28479, Start Num: 64
Candidate Starts for Solosis_29:

(Start: 64 @27367 has 272 MA's), (Start: 70 @27385 has 8 MA's), (91, 27436), (143, 27604), (169, 27682), (200, 27772), (207, 27796), (221, 27832), (239, 27889), (242, 27904), (243, 27913), (250, 27940), (251, 27943), (258, 27970), (272, 28033), (280, 28063), (284, 28069), (305, 28153), (307, 28162), (321, 28231), (327, 28267), (329, 28273), (333, 28285), (367, 28375), (375, 28393), (379, 28402), (386, 28420), (398, 28453),

Gene: Soos_54 Start: 36665, Stop: 37813, Start Num: 77
Candidate Starts for Soos_54:
(Start: 77 @36665 has 5 MA's), (106, 36746), (108, 36752), (110, 36761), (179, 36959), (197, 37016), (205, 37037), (214, 37067), (216, 37073), (230, 37112), (231, 37118), (240, 37145), (242, 37157), (245, 37169), (253, 37208), (269, 37277), (272, 37286), (277, 37307), (288, 37337), (297, 37376), (309, 37427), (352, 37598), (353, 37601), (361, 37619), (364, 37625), (369, 37646), (372, 37652), (375, 37661),

Gene: Sophia_29 Start: 27367, Stop: 28479, Start Num: 64
Candidate Starts for Sophia_29:
(Start: 64 @27367 has 272 MA's), (Start: 70 @27385 has 8 MA's), (91, 27436), (143, 27604), (169, 27682), (200, 27772), (207, 27796), (221, 27832), (239, 27889), (242, 27904), (243, 27913), (250, 27940), (251, 27943), (258, 27970), (272, 28033), (280, 28063), (284, 28069), (305, 28153), (307, 28162), (321, 28231), (327, 28267), (329, 28273), (333, 28285), (367, 28375), (375, 28393), (379, 28402), (386, 28420), (398, 28453),

Gene: Soto_30 Start: 27660, Stop: 28772, Start Num: 64
Candidate Starts for Soto_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: Sour_30 Start: 29270, Stop: 30310, Start Num: 74
Candidate Starts for Sour_30:
(10, 28700), (51, 29195), (Start: 74 @29270 has 54 MA's), (Start: 76 @29273 has 10 MA's), (122, 29408), (148, 29471), (162, 29516), (181, 29570), (207, 29651), (239, 29744), (242, 29759), (250, 29795), (258, 29825), (271, 29885), (272, 29888), (305, 30005), (333, 30137), (352, 30185), (361, 30206), (371, 30233), (403, 30290),

Gene: Spartan300_30 Start: 27646, Stop: 28758, Start Num: 64
Candidate Starts for Spartan300_30:
(Start: 64 @27646 has 272 MA's), (Start: 70 @27664 has 8 MA's), (91, 27715), (143, 27883), (169, 27961), (200, 28051), (207, 28075), (221, 28111), (239, 28168), (242, 28183), (243, 28192), (250, 28219), (251, 28222), (258, 28249), (272, 28312), (280, 28342), (284, 28348), (305, 28432), (307, 28441), (321, 28510), (327, 28546), (329, 28552), (333, 28564), (367, 28654), (375, 28672), (379, 28681), (386, 28699), (398, 28732),

Gene: Squash_41 Start: 31272, Stop: 32423, Start Num: 46
Candidate Starts for Squash_41:
(33, 31176), (Start: 46 @31272 has 91 MA's), (68, 31305), (75, 31326), (Start: 85 @31344 has 10 MA's), (90, 31362), (121, 31482), (128, 31506), (172, 31638), (220, 31776), (254, 31905), (267, 31974), (285, 32028), (315, 32136), (327, 32187), (331, 32199), (374, 32316), (384, 32340), (392, 32373), (394, 32379), (409, 32412),

Gene: Squid_30 Start: 27358, Stop: 28470, Start Num: 64

Candidate Starts for Squid_30:
(Start: 64 @27358 has 272 MA's), (Start: 70 @27376 has 8 MA's), (91, 27427), (143, 27595), (169, 27673), (200, 27763), (207, 27787), (221, 27823), (239, 27880), (242, 27895), (243, 27904), (250, 27931), (251, 27934), (258, 27961), (272, 28024), (280, 28054), (284, 28060), (305, 28144), (307, 28153), (321, 28222), (327, 28258), (329, 28264), (333, 28276), (367, 28366), (375, 28384), (379, 28393), (386, 28411), (398, 28444),

Gene: Squiggle_30 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Squiggle_30:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (143, 27607), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: StAugustine_33 Start: 30786, Stop: 31880, Start Num: 76
Candidate Starts for StAugustine_33:
(26, 30501), (28, 30528), (Start: 43 @30678 has 1 MA's), (51, 30708), (Start: 76 @30786 has 10 MA's), (100, 30843), (104, 30852), (120, 30915), (125, 30930), (165, 31047), (181, 31095), (190, 31125), (202, 31158), (206, 31170), (207, 31176), (219, 31212), (247, 31305), (250, 31323), (252, 31335), (258, 31353), (270, 31410), (280, 31446), (305, 31533), (342, 31686), (371, 31761), (373, 31767), (375, 31773), (389, 31809), (410, 31860),

Gene: Statler_40 Start: 31123, Stop: 32274, Start Num: 46
Candidate Starts for Statler_40:
(Start: 46 @31123 has 91 MA's), (68, 31156), (75, 31177), (Start: 85 @31195 has 10 MA's), (90, 31213), (121, 31333), (128, 31357), (172, 31489), (220, 31627), (254, 31756), (267, 31825), (285, 31879), (315, 31987), (327, 32038), (331, 32050), (374, 32167), (384, 32191), (392, 32224), (394, 32230), (409, 32263),

Gene: Stillion_58 Start: 37262, Stop: 38410, Start Num: 77
Candidate Starts for Stillion_58:
(Start: 77 @37262 has 5 MA's), (106, 37343), (108, 37349), (110, 37358), (179, 37556), (197, 37613), (205, 37634), (214, 37664), (216, 37670), (230, 37709), (231, 37715), (240, 37742), (242, 37754), (245, 37766), (253, 37805), (269, 37874), (272, 37883), (277, 37904), (288, 37934), (297, 37973), (309, 38024), (352, 38195), (353, 38198), (361, 38216), (364, 38222), (369, 38243), (372, 38249), (375, 38258),

Gene: Sting_57 Start: 37104, Stop: 38252, Start Num: 77
Candidate Starts for Sting_57:
(Start: 77 @37104 has 5 MA's), (106, 37185), (108, 37191), (110, 37200), (179, 37398), (197, 37455), (205, 37476), (214, 37506), (216, 37512), (230, 37551), (231, 37557), (240, 37584), (242, 37596), (245, 37608), (253, 37647), (269, 37716), (272, 37725), (277, 37746), (288, 37776), (297, 37815), (309, 37866), (352, 38037), (353, 38040), (361, 38058), (364, 38064), (369, 38085), (372, 38091), (375, 38100),

Gene: Stinger_25 Start: 26469, Stop: 27545, Start Num: 80
Candidate Starts for Stinger_25:
(Start: 80 @26469 has 30 MA's), (122, 26607), (138, 26646), (145, 26670), (155, 26703), (171, 26754), (186, 26805), (200, 26841), (207, 26865), (239, 26958), (242, 26973), (245, 26985), (250, 27009), (251, 27012), (262, 27054), (272, 27102), (277, 27123), (280, 27132), (284, 27138), (305, 27219), (308, 27237), (312, 27261), (317, 27288), (324, 27312), (333, 27351), (341, 27369), (347, 27387), (352, 27399), (353, 27402), (375, 27459), (379, 27468),

Gene: StinkyVeggy_31 Start: 28042, Stop: 29127, Start Num: 72
Candidate Starts for StinkyVeggy_31:
(Start: 72 @28042 has 10 MA's), (143, 28249), (145, 28255), (154, 28276), (155, 28279), (159, 28297), (169, 28327), (207, 28441), (239, 28534), (251, 28588), (264, 28636), (276, 28696), (280, 28708), (284, 28714), (286, 28720), (291, 28735), (293, 28753), (314, 28855), (347, 28963), (352, 28975), (359, 28990), (375, 29035), (379, 29044),

Gene: StrawberryJamm_41 Start: 30571, Stop: 31722, Start Num: 46
Candidate Starts for StrawberryJamm_41:
(5, 29995), (13, 30145), (33, 30475), (Start: 46 @30571 has 91 MA's), (68, 30604), (75, 30625), (Start: 85 @30643 has 10 MA's), (90, 30661), (121, 30781), (128, 30805), (172, 30937), (220, 31075), (254, 31204), (267, 31273), (285, 31327), (315, 31435), (327, 31486), (331, 31498), (374, 31615), (384, 31639), (392, 31672), (394, 31678), (409, 31711),

Gene: Struggle_29 Start: 27208, Stop: 28320, Start Num: 64
Candidate Starts for Struggle_29:
(Start: 64 @27208 has 272 MA's), (Start: 70 @27226 has 8 MA's), (91, 27277), (113, 27352), (143, 27445), (156, 27478), (169, 27523), (200, 27613), (207, 27637), (221, 27673), (239, 27730), (242, 27745), (243, 27754), (250, 27781), (251, 27784), (258, 27811), (272, 27874), (280, 27904), (282, 27907), (284, 27910), (305, 27994), (307, 28003), (321, 28072), (327, 28108), (329, 28114), (333, 28126), (367, 28216), (375, 28234), (379, 28243), (386, 28261), (398, 28294),

Gene: Suffolk_30 Start: 27654, Stop: 28766, Start Num: 64
Candidate Starts for Suffolk_30:
(Start: 64 @27654 has 272 MA's), (Start: 70 @27672 has 8 MA's), (91, 27723), (143, 27891), (169, 27969), (200, 28059), (207, 28083), (221, 28119), (239, 28176), (242, 28191), (243, 28200), (250, 28227), (251, 28230), (258, 28257), (272, 28320), (280, 28350), (284, 28356), (305, 28440), (307, 28449), (321, 28518), (327, 28554), (329, 28560), (333, 28572), (367, 28662), (375, 28680), (379, 28689), (386, 28707), (398, 28740),

Gene: Suigeneris_29 Start: 27898, Stop: 28986, Start Num: 72
Candidate Starts for Suigeneris_29:
(Start: 72 @27898 has 10 MA's), (134, 28078), (143, 28108), (145, 28114), (159, 28156), (169, 28186), (207, 28300), (239, 28393), (251, 28447), (264, 28495), (276, 28555), (280, 28567), (284, 28573), (286, 28579), (292, 28606), (314, 28714), (324, 28747), (352, 28834), (375, 28894), (379, 28903), (380, 28906),

Gene: Sunfish_46 Start: 32026, Stop: 33138, Start Num: 61
Candidate Starts for Sunfish_46:
(37, 31921), (49, 31987), (Start: 61 @32026 has 1 MA's), (66, 32047), (103, 32158), (156, 32356), (158, 32365), (185, 32401), (224, 32485), (253, 32605), (259, 32635), (269, 32686), (279, 32719), (304, 32794), (351, 32965), (355, 32974), (363, 32992), (370, 33016), (374, 33025), (381, 33043), (411, 33133),

Gene: Sunny_ Start: 29432, Stop: 30676, Start Num: 45
Candidate Starts for Sunny_:
(31, 29324), (33, 29339), (Start: 44 @29429 has 1 MA's), (Start: 45 @29432 has 5 MA's), (67, 29483), (68, 29486), (Start: 79 @29516 has 1 MA's), (90, 29543), (91, 29546), (121, 29666), (128, 29690), (144, 29738), (170, 29837), (172, 29843), (200, 29930), (214, 29972), (220, 29990), (235, 30029), (238, 30041), (267, 30182), (269, 30188), (295, 30296), (307, 30341), (319, 30404), (327, 30446), (329, 30452), (355, 30527), (358, 30533), (360, 30539), (381, 30593), (392, 30632), (404, 30659), (408, 30665),

Gene: Surely_30 Start: 27660, Stop: 28772, Start Num: 64
Candidate Starts for Surely_30:
(Start: 64 @27660 has 272 MA's), (Start: 70 @27678 has 8 MA's), (91, 27729), (143, 27897), (169, 27975), (200, 28065), (207, 28089), (221, 28125), (239, 28182), (242, 28197), (243, 28206), (250, 28233), (251, 28236), (258, 28263), (272, 28326), (280, 28356), (284, 28362), (305, 28446), (307, 28455), (321, 28524), (327, 28560), (329, 28566), (333, 28578), (367, 28668), (375, 28686), (379, 28695), (386, 28713), (398, 28746),

Gene: SwainyDoc_30 Start: 27571, Stop: 28614, Start Num: 74
Candidate Starts for SwainyDoc_30:
(Start: 43 @27466 has 1 MA's), (51, 27496), (Start: 74 @27571 has 54 MA's), (97, 27619), (117, 27685), (145, 27769), (155, 27793), (169, 27841), (177, 27862), (237, 28042), (239, 28048), (241, 28060), (258, 28129), (276, 28210), (302, 28297), (305, 28312), (311, 28342), (324, 28405), (342, 28465), (348, 28483), (350, 28489), (352, 28492), (361, 28513), (373, 28543), (375, 28549), (378, 28555), (382, 28564),

Gene: Swiphy_30 Start: 27655, Stop: 28767, Start Num: 64
Candidate Starts for Swiphy_30:
(Start: 64 @27655 has 272 MA's), (Start: 70 @27673 has 8 MA's), (91, 27724), (113, 27799), (143, 27892), (156, 27925), (169, 27970), (200, 28060), (207, 28084), (221, 28120), (239, 28177), (242, 28192), (243, 28201), (250, 28228), (251, 28231), (258, 28258), (272, 28321), (284, 28357), (305, 28441), (307, 28450), (321, 28519), (327, 28555), (329, 28561), (333, 28573), (367, 28663), (375, 28681), (379, 28690), (386, 28708), (398, 28741),

Gene: Swish_30 Start: 27643, Stop: 28755, Start Num: 64
Candidate Starts for Swish_30:
(Start: 64 @27643 has 272 MA's), (Start: 70 @27661 has 8 MA's), (91, 27712), (143, 27880), (169, 27958), (200, 28048), (207, 28072), (221, 28108), (239, 28165), (242, 28180), (243, 28189), (250, 28216), (251, 28219), (258, 28246), (272, 28309), (280, 28339), (284, 28345), (305, 28429), (307, 28438), (321, 28507), (327, 28543), (329, 28549), (333, 28561), (367, 28651), (375, 28669), (379, 28678), (386, 28696), (398, 28729),

Gene: SynergyX_30 Start: 27574, Stop: 28617, Start Num: 74
Candidate Starts for SynergyX_30:
(Start: 43 @27469 has 1 MA's), (51, 27499), (Start: 74 @27574 has 54 MA's), (97, 27622), (117, 27688), (145, 27772), (155, 27796), (161, 27820), (169, 27844), (177, 27865), (186, 27898), (239, 28051), (241, 28063), (258, 28132), (276, 28213), (302, 28300), (305, 28315), (311, 28345), (324, 28408), (342, 28468), (348, 28486), (350, 28492), (352, 28495), (361, 28516), (373, 28546), (375, 28552), (378, 28558), (382, 28567),

Gene: TA17A_32 Start: 28909, Stop: 29958, Start Num: 78
Candidate Starts for TA17A_32:
(15, 28432), (17, 28477), (22, 28552), (28, 28648), (35, 28738), (Start: 43 @28798 has 1 MA's), (51, 28828), (Start: 52 @28831 has 1 MA's), (Start: 78 @28909 has 61 MA's), (97, 28957), (109, 28990), (121, 29041), (122, 29044), (145, 29107), (155, 29131), (193, 29254), (204, 29281), (207, 29293), (221, 29329), (234, 29371), (240, 29389), (245, 29413), (250, 29437), (252, 29449), (262, 29482), (269, 29521), (280, 29560), (307, 29656), (311, 29677), (312, 29689), (320, 29722), (321, 29725), (333, 29779), (347, 29815), (352, 29827), (359, 29842), (361, 29848), (373, 29875), (375, 29881), (378, 29887), (382, 29896),

Gene: TP1604_22 Start: 21599, Stop: 22627, Start Num: 85
Candidate Starts for TP1604_22:

(30, 21332), (57, 21521), (Start: 85 @21599 has 10 MA's), (102, 21656), (110, 21683), (114, 21698), (169, 21866), (171, 21869), (183, 21911), (196, 21947), (221, 22019), (256, 22145), (271, 22211), (281, 22247), (283, 22250), (289, 22277), (291, 22283), (300, 22322), (327, 22454), (338, 22487), (352, 22532), (361, 22553), (380, 22583), (382, 22586), (384, 22592), (393, 22616), (394, 22619),

Gene: TPA2_35 Start: 29436, Stop: 30311, Start Num: 133
Candidate Starts for TPA2_35:
(Start: 78 @29277 has 61 MA's), (92, 29304), (95, 29316), (121, 29409), (122, 29412), (133, 29436), (145, 29475), (153, 29496), (177, 29568), (207, 29661), (241, 29763), (250, 29802), (258, 29832), (263, 29850), (271, 29886), (284, 29925), (292, 29958), (302, 29991), (305, 30006), (307, 30015), (327, 30120), (342, 30159), (352, 30186), (379, 30255),

Gene: TallGrassMM_30 Start: 27300, Stop: 28394, Start Num: 70
Candidate Starts for TallGrassMM_30:
(Start: 64 @27282 has 272 MA's), (Start: 70 @27300 has 8 MA's), (91, 27351), (143, 27519), (169, 27597), (200, 27687), (207, 27711), (221, 27747), (239, 27804), (242, 27819), (243, 27828), (250, 27855), (251, 27858), (258, 27885), (272, 27948), (280, 27978), (284, 27984), (305, 28068), (307, 28077), (321, 28146), (327, 28182), (329, 28188), (333, 28200), (367, 28290), (375, 28308), (379, 28317), (386, 28335), (398, 28368),

Gene: Tank_33 Start: 26768, Stop: 27895, Start Num: 60
Candidate Starts for Tank_33:
(Start: 60 @26768 has 18 MA's), (119, 26960), (121, 26969), (150, 27062), (152, 27074), (156, 27086), (183, 27128), (187, 27140), (192, 27152), (222, 27221), (227, 27242), (242, 27302), (248, 27329), (280, 27473), (304, 27554), (315, 27611), (319, 27620), (333, 27680), (365, 27767), (374, 27791), (381, 27809), (393, 27854), (406, 27884),

Gene: Taptic_23 Start: 26126, Stop: 27163, Start Num: 78
Candidate Starts for Taptic_23:
(Start: 78 @26126 has 61 MA's), (90, 26147), (91, 26150), (97, 26174), (109, 26207), (122, 26261), (132, 26279), (136, 26282), (143, 26309), (155, 26339), (204, 26489), (221, 26537), (239, 26594), (240, 26597), (242, 26609), (245, 26621), (252, 26657), (258, 26675), (271, 26735), (272, 26738), (276, 26756), (280, 26768), (282, 26771), (292, 26807), (293, 26813), (305, 26855), (311, 26885), (312, 26897), (325, 26951), (342, 27008), (347, 27023), (354, 27041), (359, 27050), (361, 27056), (364, 27062), (373, 27083), (375, 27089), (382, 27104), (389, 27125), (390, 27128),

Gene: Teamocil_40 Start: 27417, Stop: 28568, Start Num: 53
Candidate Starts for Teamocil_40:
(Start: 53 @27417 has 12 MA's), (86, 27492), (89, 27498), (122, 27633), (128, 27654), (137, 27678), (151, 27732), (157, 27753), (172, 27792), (188, 27846), (201, 27873), (214, 27909), (220, 27927), (228, 27945), (238, 27975), (239, 27978), (245, 28005), (248, 28017), (253, 28044), (270, 28125), (311, 28257), (319, 28299), (327, 28341), (331, 28353), (336, 28371), (355, 28422), (358, 28428), (362, 28437), (370, 28461), (381, 28488), (384, 28494), (390, 28521), (392, 28527), (402, 28551),

Gene: Teehee_40 Start: 31443, Stop: 32594, Start Num: 46
Candidate Starts for Teehee_40:
(13, 31017), (33, 31347), (Start: 46 @31443 has 91 MA's), (68, 31476), (75, 31497), (Start: 85 @31515 has 10 MA's), (90, 31533), (121, 31653), (128, 31677), (172, 31809), (220, 31947), (254, 32076), (267, 32145), (285, 32199), (315, 32307), (327, 32358), (331, 32370), (374, 32487), (384, 32511), (392, 32544), (394, 32550), (409, 32583),

Gene: Telesworld_29 Start: 27354, Stop: 28466, Start Num: 64
Candidate Starts for Telesworld_29:

(Start: 64 @27354 has 272 MA's), (Start: 70 @27372 has 8 MA's), (91, 27423), (143, 27591), (169, 27669), (200, 27759), (207, 27783), (221, 27819), (239, 27876), (242, 27891), (243, 27900), (250, 27927), (251, 27930), (258, 27957), (272, 28020), (280, 28050), (284, 28056), (305, 28140), (307, 28149), (321, 28218), (327, 28254), (329, 28260), (333, 28272), (367, 28362), (375, 28380), (379, 28389), (386, 28407), (398, 28440),

Gene: Tempo_38 Start: 30007, Stop: 31155, Start Num: 46
Candidate Starts for Tempo_38:
(13, 29581), (25, 29821), (31, 29896), (33, 29911), (Start: 45 @30004 has 5 MA's), (Start: 46 @30007 has 91 MA's), (68, 30040), (121, 30217), (128, 30241), (142, 30283), (149, 30307), (155, 30331), (172, 30373), (192, 30436), (214, 30493), (220, 30511), (242, 30583), (327, 30922), (331, 30934), (374, 31051), (390, 31102), (408, 31144),

Gene: Terij_35 Start: 26372, Stop: 27604, Start Num: 46
Candidate Starts for Terij_35:
(Start: 46 @26372 has 91 MA's), (58, 26408), (63, 26426), (86, 26486), (90, 26501), (135, 26657), (144, 26690), (149, 26708), (172, 26792), (176, 26804), (188, 26846), (199, 26879), (202, 26885), (228, 26957), (238, 26990), (264, 27101), (265, 27104), (298, 27236), (307, 27272), (310, 27287), (333, 27395), (351, 27449), (355, 27458), (358, 27464), (360, 27470), (365, 27482), (381, 27524), (384, 27530), (392, 27563), (402, 27587), (405, 27593),

Gene: Thonko_28 Start: 26100, Stop: 27167, Start Num: 78
Candidate Starts for Thonko_28:
(Start: 78 @26100 has 61 MA's), (111, 26193), (120, 26232), (138, 26277), (159, 26343), (204, 26475), (207, 26487), (239, 26580), (251, 26634), (252, 26643), (271, 26721), (284, 26760), (296, 26808), (305, 26841), (317, 26910), (325, 26937), (333, 26973), (341, 26991), (350, 27018), (367, 27066), (375, 27084), (379, 27093),

Gene: Thora_30 Start: 27659, Stop: 28771, Start Num: 64
Candidate Starts for Thora_30:
(Start: 64 @27659 has 272 MA's), (Start: 70 @27677 has 8 MA's), (91, 27728), (143, 27896), (169, 27974), (200, 28064), (207, 28088), (221, 28124), (239, 28181), (242, 28196), (243, 28205), (250, 28232), (251, 28235), (258, 28262), (272, 28325), (280, 28355), (284, 28361), (305, 28445), (307, 28454), (321, 28523), (327, 28559), (329, 28565), (333, 28577), (367, 28667), (375, 28685), (379, 28694), (386, 28712), (398, 28745),

Gene: ThreeOh3D2_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for ThreeOh3D2_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Thunderbird_29 Start: 27363, Stop: 28475, Start Num: 64
Candidate Starts for Thunderbird_29:
(Start: 64 @27363 has 272 MA's), (Start: 70 @27381 has 8 MA's), (91, 27432), (113, 27507), (143, 27600), (156, 27633), (169, 27678), (200, 27768), (207, 27792), (221, 27828), (239, 27885), (242, 27900), (243, 27909), (250, 27936), (251, 27939), (258, 27966), (272, 28029), (280, 28059), (282, 28062), (284, 28065), (305, 28149), (307, 28158), (321, 28227), (327, 28263), (329, 28269), (333, 28281), (367, 28371), (375, 28389), (379, 28398), (386, 28416), (398, 28449),

Gene: Timmi_29 Start: 27368, Stop: 28480, Start Num: 64

Candidate Starts for Timmi_29:
(Start: 64 @27368 has 272 MA's), (Start: 70 @27386 has 8 MA's), (91, 27437), (143, 27605), (169, 27683), (200, 27773), (207, 27797), (221, 27833), (239, 27890), (242, 27905), (243, 27914), (250, 27941), (251, 27944), (258, 27971), (272, 28034), (280, 28064), (284, 28070), (305, 28154), (307, 28163), (321, 28232), (327, 28268), (329, 28274), (333, 28286), (367, 28376), (375, 28394), (379, 28403), (386, 28421), (398, 28454),

Gene: Tinciduntsolum_32 Start: 29047, Stop: 30096, Start Num: 78
Candidate Starts for Tinciduntsolum_32:
(15, 28570), (17, 28615), (22, 28690), (28, 28786), (35, 28876), (Start: 43 @28936 has 1 MA's), (51, 28966), (Start: 52 @28969 has 1 MA's), (Start: 78 @29047 has 61 MA's), (97, 29095), (109, 29128), (121, 29179), (122, 29182), (145, 29245), (155, 29269), (193, 29392), (204, 29419), (207, 29431), (221, 29467), (234, 29509), (240, 29527), (245, 29551), (250, 29575), (252, 29587), (262, 29620), (269, 29659), (280, 29698), (294, 29746), (307, 29794), (311, 29815), (312, 29827), (320, 29860), (321, 29863), (333, 29917), (347, 29953), (352, 29965), (359, 29980), (361, 29986), (373, 30013), (375, 30019), (378, 30025), (382, 30034),

Gene: TinyTerror_30 Start: 27562, Stop: 28605, Start Num: 74
Candidate Starts for TinyTerror_30:
(Start: 43 @27457 has 1 MA's), (51, 27487), (Start: 74 @27562 has 54 MA's), (97, 27610), (117, 27676), (145, 27760), (155, 27784), (161, 27808), (169, 27832), (177, 27853), (239, 28039), (241, 28051), (258, 28120), (276, 28201), (302, 28288), (305, 28303), (311, 28333), (324, 28396), (342, 28456), (348, 28474), (350, 28480), (352, 28483), (361, 28504), (373, 28534), (375, 28540), (378, 28546), (382, 28555),

Gene: Tissue_39 Start: 30948, Stop: 32099, Start Num: 46
Candidate Starts for Tissue_39:
(5, 30372), (13, 30522), (33, 30852), (Start: 46 @30948 has 91 MA's), (68, 30981), (75, 31002), (Start: 85 @31020 has 10 MA's), (90, 31038), (121, 31158), (128, 31182), (172, 31314), (220, 31452), (254, 31581), (267, 31650), (285, 31704), (315, 31812), (327, 31863), (331, 31875), (374, 31992), (384, 32016), (392, 32049), (409, 32088),

Gene: TomBombadil_30 Start: 27653, Stop: 28765, Start Num: 64
Candidate Starts for TomBombadil_30:
(Start: 64 @27653 has 272 MA's), (Start: 70 @27671 has 8 MA's), (91, 27722), (143, 27890), (169, 27968), (200, 28058), (207, 28082), (221, 28118), (239, 28175), (242, 28190), (243, 28199), (250, 28226), (251, 28229), (258, 28256), (272, 28319), (280, 28349), (284, 28355), (305, 28439), (307, 28448), (321, 28517), (327, 28553), (329, 28559), (333, 28571), (367, 28661), (375, 28679), (379, 28688), (386, 28706), (398, 28739),

Gene: Tomlarah_30 Start: 27644, Stop: 28756, Start Num: 64
Candidate Starts for Tomlarah_30:
(Start: 64 @27644 has 272 MA's), (Start: 70 @27662 has 8 MA's), (91, 27713), (143, 27881), (169, 27959), (200, 28049), (207, 28073), (221, 28109), (239, 28166), (242, 28181), (243, 28190), (250, 28217), (251, 28220), (258, 28247), (272, 28310), (280, 28340), (284, 28346), (305, 28430), (307, 28439), (321, 28508), (327, 28544), (329, 28550), (333, 28562), (367, 28652), (375, 28670), (379, 28679), (386, 28697), (398, 28730),

Gene: Toni_29 Start: 27360, Stop: 28472, Start Num: 64
Candidate Starts for Toni_29:
(Start: 64 @27360 has 272 MA's), (Start: 70 @27378 has 8 MA's), (91, 27429), (143, 27597), (169, 27675), (200, 27765), (207, 27789), (221, 27825), (239, 27882), (242, 27897), (243, 27906), (250, 27933), (251, 27936), (258, 27963), (272, 28026), (280, 28056), (284, 28062), (305, 28146), (307,

28155), (321, 28224), (327, 28260), (329, 28266), (333, 28278), (367, 28368), (375, 28386), (379, 28395), (386, 28413), (398, 28446),

Gene: Tonitrus_45 Start: 34902, Stop: 35993, Start Num: 79
Candidate Starts for Tonitrus_45:
(Start: 79 @34902 has 1 MA's), (114, 35010), (117, 35022), (143, 35094), (145, 35100), (160, 35139), (173, 35175), (205, 35271), (209, 35283), (216, 35307), (217, 35310), (223, 35325), (232, 35358), (238, 35376), (244, 35403), (258, 35457), (271, 35517), (284, 35556), (288, 35571), (301, 35622), (312, 35682), (318, 35712), (326, 35739), (333, 35772), (334, 35775), (337, 35787), (340, 35793), (346, 35814), (352, 35832), (361, 35853), (369, 35880), (372, 35886), (385, 35919), (408, 35988),

Gene: TooFast2Furius_31 Start: 27889, Stop: 29001, Start Num: 64
Candidate Starts for TooFast2Furius_31:
(Start: 64 @27889 has 272 MA's), (Start: 70 @27907 has 8 MA's), (91, 27958), (143, 28126), (169, 28204), (200, 28294), (207, 28318), (221, 28354), (239, 28411), (242, 28426), (243, 28435), (250, 28462), (251, 28465), (258, 28492), (272, 28555), (280, 28585), (284, 28591), (305, 28675), (307, 28684), (321, 28753), (327, 28789), (329, 28795), (333, 28807), (367, 28897), (375, 28915), (379, 28924), (386, 28942), (398, 28975),

Gene: Tooj_30 Start: 27714, Stop: 28826, Start Num: 64
Candidate Starts for Tooj_30:
(Start: 64 @27714 has 272 MA's), (Start: 70 @27732 has 8 MA's), (91, 27783), (143, 27951), (169, 28029), (200, 28119), (207, 28143), (221, 28179), (239, 28236), (242, 28251), (243, 28260), (250, 28287), (251, 28290), (258, 28317), (272, 28380), (280, 28410), (284, 28416), (305, 28500), (307, 28509), (321, 28578), (327, 28614), (329, 28620), (333, 28632), (367, 28722), (375, 28740), (379, 28749), (386, 28767), (398, 28800),

Gene: TraderJ_28 Start: 27014, Stop: 28063, Start Num: 78
Candidate Starts for TraderJ_28:
(Start: 78 @27014 has 61 MA's), (91, 27038), (117, 27128), (122, 27149), (143, 27200), (162, 27257), (207, 27392), (239, 27485), (242, 27500), (245, 27512), (250, 27536), (252, 27548), (271, 27626), (284, 27665), (304, 27737), (305, 27746), (308, 27764), (311, 27776), (341, 27896), (349, 27920), (352, 27926), (386, 28004), (403, 28043), (407, 28052),

Gene: Tres_31 Start: 28922, Stop: 29971, Start Num: 78
Candidate Starts for Tres_31:
(15, 28445), (17, 28490), (22, 28565), (28, 28661), (35, 28751), (Start: 43 @28811 has 1 MA's), (51, 28841), (Start: 52 @28844 has 1 MA's), (Start: 78 @28922 has 61 MA's), (97, 28970), (109, 29003), (121, 29054), (122, 29057), (145, 29120), (155, 29144), (193, 29267), (204, 29294), (207, 29306), (221, 29342), (234, 29384), (240, 29402), (245, 29426), (250, 29450), (252, 29462), (262, 29495), (269, 29534), (280, 29573), (294, 29621), (307, 29669), (311, 29690), (312, 29702), (320, 29735), (321, 29738), (333, 29792), (347, 29828), (352, 29840), (359, 29855), (361, 29861), (373, 29888), (375, 29894), (378, 29900), (382, 29909),

Gene: Triad_30 Start: 26521, Stop: 27633, Start Num: 64
Candidate Starts for Triad_30:
(Start: 64 @26521 has 272 MA's), (Start: 70 @26539 has 8 MA's), (91, 26590), (143, 26758), (169, 26836), (200, 26926), (207, 26950), (221, 26986), (239, 27043), (242, 27058), (243, 27067), (250, 27094), (251, 27097), (258, 27124), (272, 27187), (280, 27217), (284, 27223), (305, 27307), (307, 27316), (321, 27385), (327, 27421), (329, 27427), (333, 27439), (367, 27529), (375, 27547), (379, 27556), (386, 27574), (398, 27607),

Gene: True_29 Start: 27357, Stop: 28469, Start Num: 64

Candidate Starts for True_29:
(Start: 64 @27357 has 272 MA's), (Start: 70 @27375 has 8 MA's), (91, 27426), (143, 27594), (169, 27672), (200, 27762), (207, 27786), (221, 27822), (239, 27879), (242, 27894), (243, 27903), (250, 27930), (251, 27933), (258, 27960), (272, 28023), (280, 28053), (284, 28059), (305, 28143), (307, 28152), (321, 28221), (327, 28257), (329, 28263), (333, 28275), (367, 28365), (375, 28383), (379, 28392), (386, 28410), (398, 28443),

Gene: Trypo_30 Start: 27652, Stop: 28764, Start Num: 64
Candidate Starts for Trypo_30:
(Start: 64 @27652 has 272 MA's), (Start: 70 @27670 has 8 MA's), (91, 27721), (113, 27796), (143, 27889), (156, 27922), (169, 27967), (200, 28057), (207, 28081), (221, 28117), (239, 28174), (242, 28189), (243, 28198), (250, 28225), (251, 28228), (258, 28255), (272, 28318), (284, 28354), (305, 28438), (307, 28447), (321, 28516), (327, 28552), (329, 28558), (333, 28570), (367, 28660), (375, 28678), (379, 28687), (386, 28705), (398, 28738),

Gene: TurkishDelight_30 Start: 28182, Stop: 29252, Start Num: 84
Candidate Starts for TurkishDelight_30:
(69, 28146), (Start: 84 @28182 has 1 MA's), (105, 28254), (110, 28272), (117, 28299), (121, 28317), (217, 28596), (226, 28620), (251, 28710), (260, 28749), (262, 28755), (281, 28833), (288, 28860), (289, 28863), (302, 28914), (316, 28995), (332, 29055), (359, 29133), (361, 29139), (379, 29184), (402, 29244),

Gene: Tydolla_30 Start: 28311, Stop: 29354, Start Num: 74
Candidate Starts for Tydolla_30:
(Start: 43 @28206 has 1 MA's), (51, 28236), (Start: 74 @28311 has 54 MA's), (97, 28359), (117, 28425), (145, 28509), (155, 28533), (161, 28557), (169, 28581), (177, 28602), (186, 28635), (239, 28788), (241, 28800), (258, 28869), (276, 28950), (302, 29037), (305, 29052), (311, 29082), (324, 29145), (342, 29205), (348, 29223), (350, 29229), (352, 29232), (361, 29253), (373, 29283), (375, 29289), (378, 29295), (382, 29304),

Gene: TyrionL_29 Start: 27216, Stop: 28328, Start Num: 64
Candidate Starts for TyrionL_29:
(Start: 64 @27216 has 272 MA's), (Start: 70 @27234 has 8 MA's), (91, 27285), (113, 27360), (143, 27453), (156, 27486), (169, 27531), (200, 27621), (207, 27645), (221, 27681), (239, 27738), (242, 27753), (243, 27762), (250, 27789), (251, 27792), (258, 27819), (272, 27882), (284, 27918), (305, 28002), (307, 28011), (321, 28080), (327, 28116), (329, 28122), (333, 28134), (367, 28224), (375, 28242), (379, 28251), (386, 28269), (398, 28302),

Gene: Tyrumbra_37 Start: 28055, Stop: 29212, Start Num: 53
Candidate Starts for Tyrumbra_37:
(Start: 53 @28055 has 12 MA's), (90, 28157), (128, 28304), (137, 28328), (140, 28337), (149, 28370), (172, 28442), (188, 28496), (201, 28523), (214, 28559), (218, 28571), (238, 28625), (248, 28667), (264, 28736), (311, 28907), (327, 28991), (333, 29009), (336, 29021), (358, 29078), (381, 29138), (390, 29171), (392, 29177), (404, 29204),

Gene: UAch1_30 Start: 27666, Stop: 28778, Start Num: 64
Candidate Starts for UAch1_30:
(Start: 64 @27666 has 272 MA's), (Start: 70 @27684 has 8 MA's), (91, 27735), (143, 27903), (169, 27981), (200, 28071), (207, 28095), (221, 28131), (239, 28188), (242, 28203), (243, 28212), (250, 28239), (251, 28242), (258, 28269), (272, 28332), (280, 28362), (284, 28368), (305, 28452), (307, 28461), (321, 28530), (327, 28566), (329, 28572), (333, 28584), (367, 28674), (375, 28692), (379, 28701), (386, 28719), (398, 28752),

Gene: UncleHowie_30 Start: 27356, Stop: 28468, Start Num: 64
Candidate Starts for UncleHowie_30:
(Start: 64 @27356 has 272 MA's), (Start: 70 @27374 has 8 MA's), (91, 27425), (143, 27593), (169, 27671), (200, 27761), (207, 27785), (221, 27821), (239, 27878), (242, 27893), (243, 27902), (250, 27929), (251, 27932), (258, 27959), (272, 28022), (280, 28052), (284, 28058), (305, 28142), (307, 28151), (321, 28220), (327, 28256), (329, 28262), (333, 28274), (367, 28364), (375, 28382), (379, 28391), (386, 28409), (398, 28442),

Gene: Usavi_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Usavi_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Vaishali24_29 Start: 27318, Stop: 28430, Start Num: 64
Candidate Starts for Vaishali24_29:
(Start: 64 @27318 has 272 MA's), (Start: 70 @27336 has 8 MA's), (91, 27387), (143, 27555), (169, 27633), (200, 27723), (207, 27747), (239, 27840), (242, 27855), (243, 27864), (250, 27891), (251, 27894), (258, 27921), (272, 27984), (280, 28014), (284, 28020), (305, 28104), (307, 28113), (321, 28182), (327, 28218), (329, 28224), (333, 28236), (367, 28326), (375, 28344), (379, 28353), (386, 28371), (398, 28404),

Gene: Valjean_30 Start: 27649, Stop: 28761, Start Num: 64
Candidate Starts for Valjean_30:
(Start: 64 @27649 has 272 MA's), (Start: 70 @27667 has 8 MA's), (91, 27718), (143, 27886), (169, 27964), (200, 28054), (207, 28078), (221, 28114), (239, 28171), (242, 28186), (243, 28195), (250, 28222), (251, 28225), (258, 28252), (272, 28315), (280, 28345), (284, 28351), (305, 28435), (307, 28444), (321, 28513), (327, 28549), (329, 28555), (333, 28567), (367, 28657), (375, 28675), (379, 28684), (386, 28702), (398, 28735),

Gene: Vaticameos_30 Start: 27347, Stop: 28459, Start Num: 64
Candidate Starts for Vaticameos_30:
(Start: 64 @27347 has 272 MA's), (Start: 70 @27365 has 8 MA's), (91, 27416), (143, 27584), (169, 27662), (200, 27752), (207, 27776), (221, 27812), (239, 27869), (242, 27884), (243, 27893), (250, 27920), (251, 27923), (258, 27950), (272, 28013), (280, 28043), (284, 28049), (305, 28133), (307, 28142), (321, 28211), (327, 28247), (329, 28253), (333, 28265), (367, 28355), (375, 28373), (379, 28382), (386, 28400), (398, 28433),

Gene: Veritas_29 Start: 27219, Stop: 28331, Start Num: 64
Candidate Starts for Veritas_29:
(Start: 64 @27219 has 272 MA's), (Start: 70 @27237 has 8 MA's), (91, 27288), (113, 27363), (143, 27456), (156, 27489), (169, 27534), (200, 27624), (207, 27648), (221, 27684), (239, 27741), (242, 27756), (243, 27765), (250, 27792), (251, 27795), (258, 27822), (272, 27885), (284, 27921), (305, 28005), (307, 28014), (321, 28083), (327, 28119), (329, 28125), (333, 28137), (367, 28227), (375, 28245), (379, 28254), (386, 28272), (398, 28305),

Gene: Vic9_00031 Start: 29366, Stop: 30415, Start Num: 78
Candidate Starts for Vic9_00031:
(Start: 78 @29366 has 61 MA's), (97, 29414), (109, 29447), (121, 29498), (122, 29501), (145, 29564), (155, 29588), (193, 29711), (204, 29738), (207, 29750), (221, 29786), (233, 29825), (234, 29828), (240, 29846), (245, 29870), (250, 29894), (252, 29906), (262, 29939), (269, 29978), (280, 30017),

(307, 30113), (311, 30134), (312, 30146), (320, 30179), (321, 30182), (333, 30236), (347, 30272), (352, 30284), (359, 30299), (361, 30305), (373, 30332), (375, 30338), (378, 30344), (382, 30353),

Gene: Viceroy_37 Start: 30340, Stop: 31491, Start Num: 46
Candidate Starts for Viceroy_37:
(13, 29914), (33, 30244), (Start: 46 @30340 has 91 MA's), (68, 30373), (75, 30394), (Start: 85 @30412 has 10 MA's), (90, 30430), (121, 30550), (128, 30574), (172, 30706), (220, 30844), (254, 30973), (267, 31042), (285, 31096), (315, 31204), (327, 31255), (331, 31267), (374, 31384), (384, 31408), (392, 31441), (394, 31447), (409, 31480),

Gene: Vincenzo_28 Start: 28607, Stop: 29689, Start Num: 80
Candidate Starts for Vincenzo_28:
(Start: 80 @28607 has 30 MA's), (122, 28745), (155, 28847), (186, 28949), (200, 28985), (207, 29009), (209, 29012), (210, 29015), (219, 29042), (221, 29045), (233, 29084), (243, 29126), (254, 29171), (262, 29198), (272, 29246), (276, 29264), (284, 29282), (292, 29315), (304, 29354), (305, 29363), (312, 29405), (314, 29423), (324, 29456), (327, 29477), (333, 29495), (352, 29543), (371, 29591), (375, 29603),

Gene: VioletZ_27 Start: 27968, Stop: 29044, Start Num: 80
Candidate Starts for VioletZ_27:
(Start: 80 @27968 has 30 MA's), (86, 27977), (138, 28145), (155, 28202), (175, 28265), (181, 28283), (186, 28304), (200, 28340), (207, 28364), (221, 28400), (239, 28457), (242, 28472), (245, 28484), (250, 28508), (251, 28511), (262, 28553), (272, 28601), (277, 28622), (280, 28631), (284, 28637), (305, 28718), (308, 28736), (314, 28778), (317, 28787), (324, 28811), (333, 28850), (341, 28868), (347, 28886), (352, 28898), (375, 28958), (379, 28967),

Gene: Virapocalypse_30 Start: 27643, Stop: 28755, Start Num: 64
Candidate Starts for Virapocalypse_30:
(Start: 64 @27643 has 272 MA's), (Start: 70 @27661 has 8 MA's), (91, 27712), (143, 27880), (169, 27958), (200, 28048), (207, 28072), (221, 28108), (239, 28165), (242, 28180), (243, 28189), (250, 28216), (251, 28219), (258, 28246), (272, 28309), (280, 28339), (284, 28345), (305, 28429), (307, 28438), (321, 28507), (327, 28543), (329, 28549), (333, 28561), (367, 28651), (375, 28669), (379, 28678), (386, 28696), (398, 28729),

Gene: Virgeve_29 Start: 27418, Stop: 28530, Start Num: 64
Candidate Starts for Virgeve_29:
(Start: 64 @27418 has 272 MA's), (Start: 70 @27436 has 8 MA's), (91, 27487), (113, 27562), (143, 27655), (156, 27688), (169, 27733), (200, 27823), (207, 27847), (221, 27883), (239, 27940), (242, 27955), (243, 27964), (250, 27991), (251, 27994), (258, 28021), (272, 28084), (280, 28114), (282, 28117), (284, 28120), (305, 28204), (307, 28213), (321, 28282), (327, 28318), (329, 28324), (333, 28336), (367, 28426), (375, 28444), (379, 28453), (386, 28471), (398, 28504),

Gene: Vista_30 Start: 27657, Stop: 28769, Start Num: 64
Candidate Starts for Vista_30:
(Start: 64 @27657 has 272 MA's), (Start: 70 @27675 has 8 MA's), (91, 27726), (143, 27894), (169, 27972), (200, 28062), (207, 28086), (221, 28122), (239, 28179), (242, 28194), (243, 28203), (250, 28230), (251, 28233), (258, 28260), (272, 28323), (280, 28353), (284, 28359), (305, 28443), (307, 28452), (321, 28521), (327, 28557), (329, 28563), (333, 28575), (367, 28665), (375, 28683), (379, 28692), (386, 28710), (398, 28743),

Gene: Vivaldi_30 Start: 27683, Stop: 28795, Start Num: 64
Candidate Starts for Vivaldi_30:

(Start: 64 @27683 has 272 MA's), (Start: 70 @27701 has 8 MA's), (91, 27752), (143, 27920), (169, 27998), (200, 28088), (207, 28112), (221, 28148), (239, 28205), (242, 28220), (243, 28229), (250, 28256), (251, 28259), (258, 28286), (272, 28349), (280, 28379), (284, 28385), (305, 28469), (307, 28478), (321, 28547), (327, 28583), (329, 28589), (333, 28601), (367, 28691), (375, 28709), (379, 28718), (386, 28736), (398, 28769),

Gene: Vortex_30 Start: 27363, Stop: 28475, Start Num: 64
Candidate Starts for Vortex_30:
(Start: 64 @27363 has 272 MA's), (Start: 70 @27381 has 8 MA's), (91, 27432), (143, 27600), (169, 27678), (200, 27768), (207, 27792), (221, 27828), (239, 27885), (242, 27900), (243, 27909), (250, 27936), (251, 27939), (258, 27966), (272, 28029), (280, 28059), (284, 28065), (305, 28149), (307, 28158), (321, 28227), (327, 28263), (329, 28269), (333, 28281), (367, 28371), (375, 28389), (379, 28398), (386, 28416), (398, 28449),

Gene: Waleliano_27 Start: 27895, Stop: 28971, Start Num: 80
Candidate Starts for Waleliano_27:
(Start: 80 @27895 has 30 MA's), (86, 27904), (138, 28072), (155, 28129), (175, 28192), (186, 28231), (200, 28267), (207, 28291), (221, 28327), (239, 28384), (242, 28399), (245, 28411), (250, 28435), (251, 28438), (262, 28480), (272, 28528), (277, 28549), (280, 28558), (284, 28564), (305, 28645), (308, 28663), (314, 28705), (317, 28714), (324, 28738), (333, 28777), (341, 28795), (347, 28813), (352, 28825), (353, 28828), (375, 28885), (379, 28894),

Gene: Wallhey_29 Start: 27220, Stop: 28332, Start Num: 64
Candidate Starts for Wallhey_29:
(Start: 64 @27220 has 272 MA's), (Start: 70 @27238 has 8 MA's), (91, 27289), (113, 27364), (143, 27457), (156, 27490), (169, 27535), (200, 27625), (207, 27649), (221, 27685), (239, 27742), (242, 27757), (243, 27766), (250, 27793), (251, 27796), (258, 27823), (272, 27886), (284, 27922), (305, 28006), (307, 28015), (321, 28084), (327, 28120), (329, 28126), (333, 28138), (367, 28228), (375, 28246), (379, 28255), (386, 28273), (398, 28306),

Gene: Waterdiva_30 Start: 27649, Stop: 28761, Start Num: 64
Candidate Starts for Waterdiva_30:
(Start: 64 @27649 has 272 MA's), (Start: 70 @27667 has 8 MA's), (91, 27718), (143, 27886), (169, 27964), (200, 28054), (207, 28078), (221, 28114), (239, 28171), (242, 28186), (243, 28195), (250, 28222), (251, 28225), (258, 28252), (272, 28315), (280, 28345), (284, 28351), (305, 28435), (307, 28444), (321, 28513), (327, 28549), (329, 28555), (333, 28567), (367, 28657), (375, 28675), (379, 28684), (386, 28702), (398, 28735),

Gene: Wayne3_40 Start: 31206, Stop: 32357, Start Num: 46
Candidate Starts for Wayne3_40:
(13, 30780), (33, 31110), (Start: 46 @31206 has 91 MA's), (68, 31239), (75, 31260), (Start: 85 @31278 has 10 MA's), (90, 31296), (121, 31416), (128, 31440), (172, 31572), (220, 31710), (254, 31839), (267, 31908), (285, 31962), (315, 32070), (327, 32121), (331, 32133), (374, 32250), (384, 32274), (392, 32307), (394, 32313), (409, 32346),

Gene: Weher20_30 Start: 27648, Stop: 28760, Start Num: 64
Candidate Starts for Weher20_30:
(Start: 64 @27648 has 272 MA's), (Start: 70 @27666 has 8 MA's), (91, 27717), (113, 27792), (143, 27885), (156, 27918), (169, 27963), (200, 28053), (207, 28077), (221, 28113), (239, 28170), (242, 28185), (243, 28194), (250, 28221), (251, 28224), (258, 28251), (272, 28314), (280, 28344), (282, 28347), (284, 28350), (305, 28434), (307, 28443), (321, 28512), (327, 28548), (329, 28554), (333, 28566), (367, 28656), (375, 28674), (379, 28683), (386, 28701), (398, 28734),

Gene: West99_31 Start: 29042, Stop: 30091, Start Num: 78
Candidate Starts for West99_31:
(15, 28565), (17, 28610), (22, 28685), (28, 28781), (35, 28871), (Start: 43 @28931 has 1 MA's), (51, 28961), (Start: 52 @28964 has 1 MA's), (Start: 78 @29042 has 61 MA's), (97, 29090), (109, 29123), (121, 29174), (122, 29177), (145, 29240), (155, 29264), (193, 29387), (204, 29414), (207, 29426), (221, 29462), (234, 29504), (240, 29522), (245, 29546), (250, 29570), (252, 29582), (262, 29615), (269, 29654), (280, 29693), (294, 29741), (307, 29789), (311, 29810), (312, 29822), (320, 29855), (321, 29858), (333, 29912), (347, 29948), (352, 29960), (359, 29975), (361, 29981), (373, 30008), (375, 30014), (378, 30020), (382, 30029),

Gene: WheelerS25_44 Start: 31966, Stop: 33117, Start Num: 46
Candidate Starts for WheelerS25_44:
(33, 31870), (Start: 46 @31966 has 91 MA's), (68, 31999), (75, 32020), (Start: 85 @32038 has 10 MA's), (90, 32056), (121, 32176), (128, 32200), (167, 32323), (172, 32332), (220, 32470), (254, 32599), (267, 32668), (285, 32722), (315, 32830), (327, 32881), (331, 32893), (374, 33010), (384, 33034), (392, 33067), (409, 33106),

Gene: Wheelie_38 Start: 30527, Stop: 31678, Start Num: 46
Candidate Starts for Wheelie_38:
(5, 29951), (13, 30101), (33, 30431), (Start: 46 @30527 has 91 MA's), (68, 30560), (75, 30581), (Start: 85 @30599 has 10 MA's), (90, 30617), (121, 30737), (128, 30761), (172, 30893), (220, 31031), (254, 31160), (267, 31229), (285, 31283), (315, 31391), (327, 31442), (331, 31454), (374, 31571), (384, 31595), (392, 31628), (409, 31667),

Gene: Wilca_38 Start: 29203, Stop: 30351, Start Num: 46
Candidate Starts for Wilca_38:
(33, 29107), (Start: 45 @29200 has 5 MA's), (Start: 46 @29203 has 91 MA's), (68, 29236), (Start: 79 @29266 has 1 MA's), (155, 29527), (168, 29563), (172, 29569), (187, 29620), (198, 29644), (200, 29647), (209, 29671), (214, 29689), (218, 29701), (220, 29707), (265, 29878), (269, 29911), (287, 29968), (299, 29983), (325, 30100), (327, 30118), (329, 30124), (331, 30130), (351, 30190), (392, 30304), (394, 30310),

Gene: Wilde_33 Start: 26610, Stop: 27737, Start Num: 60
Candidate Starts for Wilde_33:
(Start: 60 @26610 has 18 MA's), (119, 26802), (121, 26811), (150, 26904), (152, 26916), (156, 26928), (183, 26970), (187, 26982), (192, 26994), (222, 27063), (227, 27084), (242, 27144), (248, 27171), (280, 27315), (304, 27396), (315, 27453), (319, 27462), (333, 27522), (365, 27609), (374, 27633), (381, 27651), (393, 27696), (406, 27726),

Gene: Windsor_29 Start: 27347, Stop: 28459, Start Num: 64
Candidate Starts for Windsor_29:
(Start: 64 @27347 has 272 MA's), (Start: 70 @27365 has 8 MA's), (91, 27416), (113, 27491), (143, 27584), (156, 27617), (169, 27662), (200, 27752), (207, 27776), (221, 27812), (239, 27869), (242, 27884), (243, 27893), (250, 27920), (251, 27923), (258, 27950), (272, 28013), (280, 28043), (282, 28046), (284, 28049), (305, 28133), (307, 28142), (321, 28211), (327, 28247), (329, 28253), (333, 28265), (367, 28355), (375, 28373), (379, 28382), (386, 28400), (398, 28433),

Gene: Wooper_28 Start: 27020, Stop: 28069, Start Num: 78
Candidate Starts for Wooper_28:
(Start: 78 @27020 has 61 MA's), (91, 27044), (117, 27134), (122, 27155), (143, 27206), (162, 27263), (207, 27398), (239, 27491), (242, 27506), (245, 27518), (250, 27542), (252, 27554), (262, 27587), (271, 27632), (284, 27671), (304, 27743), (305, 27752), (308, 27770), (311, 27782), (341, 27902), (349, 27926), (352, 27932), (386, 28010), (403, 28049), (407, 28058),

Gene: Xavier_29 Start: 27370, Stop: 28482, Start Num: 64
Candidate Starts for Xavier_29:
(Start: 64 @27370 has 272 MA's), (Start: 70 @27388 has 8 MA's), (91, 27439), (143, 27607), (169, 27685), (200, 27775), (207, 27799), (221, 27835), (239, 27892), (242, 27907), (243, 27916), (250, 27943), (251, 27946), (258, 27973), (272, 28036), (280, 28066), (284, 28072), (305, 28156), (307, 28165), (321, 28234), (327, 28270), (329, 28276), (333, 28288), (367, 28378), (375, 28396), (379, 28405), (386, 28423), (398, 28456),

Gene: Xincheng_26 Start: 27353, Stop: 28429, Start Num: 80
Candidate Starts for Xincheng_26:
(Start: 80 @27353 has 30 MA's), (86, 27362), (122, 27491), (138, 27530), (155, 27587), (175, 27650), (186, 27689), (200, 27725), (207, 27749), (221, 27785), (239, 27842), (242, 27857), (245, 27869), (250, 27893), (251, 27896), (262, 27938), (272, 27986), (280, 28016), (284, 28022), (305, 28103), (308, 28121), (314, 28163), (317, 28172), (324, 28196), (333, 28235), (347, 28271), (352, 28283), (375, 28343), (379, 28352),

Gene: Xkcd426_28 Start: 28908, Stop: 29960, Start Num: 85
Candidate Starts for Xkcd426_28:
(Start: 85 @28908 has 10 MA's), (102, 28965), (120, 29034), (162, 29154), (172, 29181), (183, 29220), (194, 29250), (196, 29256), (217, 29319), (248, 29418), (249, 29427), (261, 29475), (262, 29478), (271, 29520), (281, 29556), (283, 29559), (297, 29622), (305, 29652), (314, 29712), (322, 29739), (380, 29910), (384, 29919), (387, 29928), (394, 29946),

Gene: YDN12_24 Start: 21568, Stop: 22596, Start Num: 85
Candidate Starts for YDN12_24:
(Start: 85 @21568 has 10 MA's), (102, 21625), (110, 21652), (114, 21667), (120, 21694), (124, 21706), (162, 21814), (169, 21835), (171, 21838), (183, 21880), (194, 21910), (196, 21916), (217, 21979), (221, 21988), (256, 22114), (271, 22180), (281, 22216), (283, 22219), (289, 22246), (291, 22252), (300, 22291), (327, 22423), (338, 22456), (352, 22501), (361, 22522), (380, 22552), (382, 22555), (384, 22561), (393, 22585), (394, 22588),

Gene: Yago84_26 Start: 25601, Stop: 26641, Start Num: 78
Candidate Starts for Yago84_26:
(Start: 43 @25490 has 1 MA's), (Start: 78 @25601 has 61 MA's), (91, 25625), (148, 25799), (181, 25898), (186, 25919), (207, 25979), (214, 25997), (241, 26084), (242, 26087), (252, 26135), (258, 26153), (272, 26216), (280, 26246), (282, 26249), (290, 26270), (305, 26333), (352, 26513), (403, 26621), (407, 26630),

Gene: Yahalom_30 Start: 27586, Stop: 28629, Start Num: 74
Candidate Starts for Yahalom_30:
(Start: 43 @27481 has 1 MA's), (51, 27511), (Start: 74 @27586 has 54 MA's), (97, 27634), (117, 27700), (145, 27784), (155, 27808), (161, 27832), (169, 27856), (177, 27877), (186, 27910), (239, 28063), (241, 28075), (258, 28144), (276, 28225), (302, 28312), (305, 28327), (311, 28357), (324, 28420), (342, 28480), (348, 28498), (350, 28504), (352, 28507), (361, 28528), (373, 28558), (375, 28564), (378, 28570), (382, 28579),

Gene: Yeshua_28 Start: 26997, Stop: 28046, Start Num: 78
Candidate Starts for Yeshua_28:
(Start: 78 @26997 has 61 MA's), (91, 27021), (117, 27111), (122, 27132), (143, 27183), (162, 27240), (207, 27375), (239, 27468), (242, 27483), (245, 27495), (250, 27519), (252, 27531), (262, 27564), (271, 27609), (284, 27648), (304, 27720), (305, 27729), (308, 27747), (311, 27759), (341, 27879), (349, 27903), (352, 27909), (386, 27987), (403, 28026), (407, 28035),

Gene: Yeti_39 Start: 27652, Stop: 28854, Start Num: 46
Candidate Starts for Yeti_39:
(Start: 46 @27652 has 91 MA's), (63, 27688), (Start: 85 @27745 has 10 MA's), (121, 27880), (128, 27904), (137, 27928), (144, 27952), (166, 28033), (172, 28054), (188, 28108), (197, 28135), (200, 28141), (202, 28147), (209, 28165), (214, 28183), (238, 28252), (240, 28258), (253, 28321), (265, 28366), (280, 28438), (295, 28477), (326, 28612), (327, 28627), (333, 28645), (351, 28699), (358, 28714), (365, 28732), (381, 28774), (384, 28780), (392, 28813), (404, 28840), (408, 28846),

Gene: Yinz_30 Start: 27609, Stop: 28652, Start Num: 74
Candidate Starts for Yinz_30:
(Start: 43 @27504 has 1 MA's), (51, 27534), (Start: 74 @27609 has 54 MA's), (97, 27657), (117, 27723), (145, 27807), (155, 27831), (161, 27855), (169, 27879), (177, 27900), (186, 27933), (239, 28086), (241, 28098), (258, 28167), (276, 28248), (302, 28335), (305, 28350), (311, 28380), (324, 28443), (342, 28503), (348, 28521), (350, 28527), (352, 28530), (361, 28551), (373, 28581), (375, 28587), (378, 28593), (382, 28602),

Gene: Yoshand_30 Start: 27674, Stop: 28768, Start Num: 70
Candidate Starts for Yoshand_30:
(Start: 64 @27656 has 272 MA's), (Start: 70 @27674 has 8 MA's), (91, 27725), (143, 27893), (169, 27971), (200, 28061), (207, 28085), (221, 28121), (239, 28178), (242, 28193), (243, 28202), (250, 28229), (251, 28232), (258, 28259), (272, 28322), (280, 28352), (284, 28358), (305, 28442), (307, 28451), (321, 28520), (327, 28556), (329, 28562), (333, 28574), (367, 28664), (375, 28682), (379, 28691), (386, 28709), (398, 28742),

Gene: YouGoGlencoco_30 Start: 27651, Stop: 28763, Start Num: 64
Candidate Starts for YouGoGlencoco_30:
(Start: 64 @27651 has 272 MA's), (Start: 70 @27669 has 8 MA's), (91, 27720), (143, 27888), (169, 27966), (200, 28056), (207, 28080), (221, 28116), (239, 28173), (242, 28188), (243, 28197), (250, 28224), (251, 28227), (258, 28254), (272, 28317), (280, 28347), (284, 28353), (305, 28437), (307, 28446), (321, 28515), (327, 28551), (329, 28557), (333, 28569), (367, 28659), (375, 28677), (379, 28686), (386, 28704), (398, 28737),

Gene: Zagie_38 Start: 30775, Stop: 31926, Start Num: 46
Candidate Starts for Zagie_38:
(5, 30199), (13, 30349), (33, 30679), (Start: 46 @30775 has 91 MA's), (68, 30808), (75, 30829), (Start: 85 @30847 has 10 MA's), (90, 30865), (121, 30985), (128, 31009), (172, 31141), (220, 31279), (267, 31477), (285, 31531), (315, 31639), (327, 31690), (331, 31702), (374, 31819), (384, 31843), (392, 31876), (394, 31882), (409, 31915),

Gene: Zaider_31 Start: 27899, Stop: 28993, Start Num: 70
Candidate Starts for Zaider_31:
(Start: 64 @27881 has 272 MA's), (Start: 70 @27899 has 8 MA's), (91, 27950), (143, 28118), (169, 28196), (200, 28286), (207, 28310), (221, 28346), (239, 28403), (242, 28418), (243, 28427), (250, 28454), (251, 28457), (258, 28484), (272, 28547), (280, 28577), (284, 28583), (305, 28667), (307, 28676), (321, 28745), (327, 28781), (329, 28787), (333, 28799), (367, 28889), (375, 28907), (379, 28916), (386, 28934), (398, 28967),

Gene: Zapato_38 Start: 27878, Stop: 29026, Start Num: 53
Candidate Starts for Zapato_38:
(Start: 53 @27878 has 12 MA's), (86, 27953), (89, 27959), (94, 27983), (122, 28094), (128, 28115), (151, 28193), (172, 28253), (188, 28307), (201, 28334), (214, 28370), (220, 28388), (227, 28403), (238, 28436), (239, 28439), (245, 28466), (248, 28478), (253, 28505), (310, 28712), (311, 28718),

(319, 28760), (327, 28802), (336, 28832), (358, 28889), (360, 28895), (381, 28949), (390, 28982), (392, 28988),

Gene: Zelda_30 Start: 27647, Stop: 28759, Start Num: 64
Candidate Starts for Zelda_30:
(Start: 64 @27647 has 272 MA's), (Start: 70 @27665 has 8 MA's), (91, 27716), (143, 27884), (169, 27962), (200, 28052), (207, 28076), (221, 28112), (239, 28169), (242, 28184), (243, 28193), (250, 28220), (251, 28223), (258, 28250), (272, 28313), (280, 28343), (284, 28349), (305, 28433), (307, 28442), (321, 28511), (327, 28547), (329, 28553), (333, 28565), (367, 28655), (375, 28673), (379, 28682), (386, 28700), (398, 28733),

Gene: Zemanar_28 Start: 27895, Stop: 28971, Start Num: 80
Candidate Starts for Zemanar_28:
(Start: 80 @27895 has 30 MA's), (86, 27904), (122, 28033), (138, 28072), (155, 28129), (175, 28192), (186, 28231), (200, 28267), (207, 28291), (221, 28327), (239, 28384), (242, 28399), (245, 28411), (250, 28435), (251, 28438), (262, 28480), (272, 28528), (277, 28549), (280, 28558), (284, 28564), (305, 28645), (308, 28663), (314, 28705), (317, 28714), (324, 28738), (333, 28777), (341, 28795), (347, 28813), (352, 28825), (353, 28828), (375, 28885), (379, 28894),

Gene: Zenteno07_33 Start: 27644, Stop: 28708, Start Num: 81
Candidate Starts for Zenteno07_33:
(Start: 81 @27644 has 3 MA's), (97, 27695), (121, 27779), (130, 27803), (182, 27956), (200, 28010), (207, 28034), (218, 28064), (233, 28109), (239, 28127), (245, 28154), (250, 28178), (280, 28301), (284, 28307), (305, 28388), (307, 28397), (308, 28406), (333, 28520), (341, 28538), (347, 28556), (371, 28616), (375, 28628), (396, 28679), (398, 28682),

Gene: Zhafia_41 Start: 31005, Stop: 32156, Start Num: 46
Candidate Starts for Zhafia_41:
(5, 30429), (13, 30579), (33, 30909), (Start: 46 @31005 has 91 MA's), (68, 31038), (75, 31059), (Start: 85 @31077 has 10 MA's), (90, 31095), (121, 31215), (128, 31239), (172, 31371), (220, 31509), (254, 31638), (267, 31707), (285, 31761), (315, 31869), (327, 31920), (331, 31932), (374, 32049), (384, 32073), (392, 32106), (409, 32145),

Gene: Zonia_30 Start: 27670, Stop: 28782, Start Num: 64
Candidate Starts for Zonia_30:
(Start: 64 @27670 has 272 MA's), (Start: 70 @27688 has 8 MA's), (91, 27739), (143, 27907), (169, 27985), (200, 28075), (207, 28099), (221, 28135), (239, 28192), (242, 28207), (243, 28216), (250, 28243), (251, 28246), (258, 28273), (272, 28336), (284, 28372), (305, 28456), (307, 28465), (321, 28534), (327, 28570), (329, 28576), (333, 28588), (367, 28678), (375, 28696), (379, 28705), (386, 28723), (398, 28756),