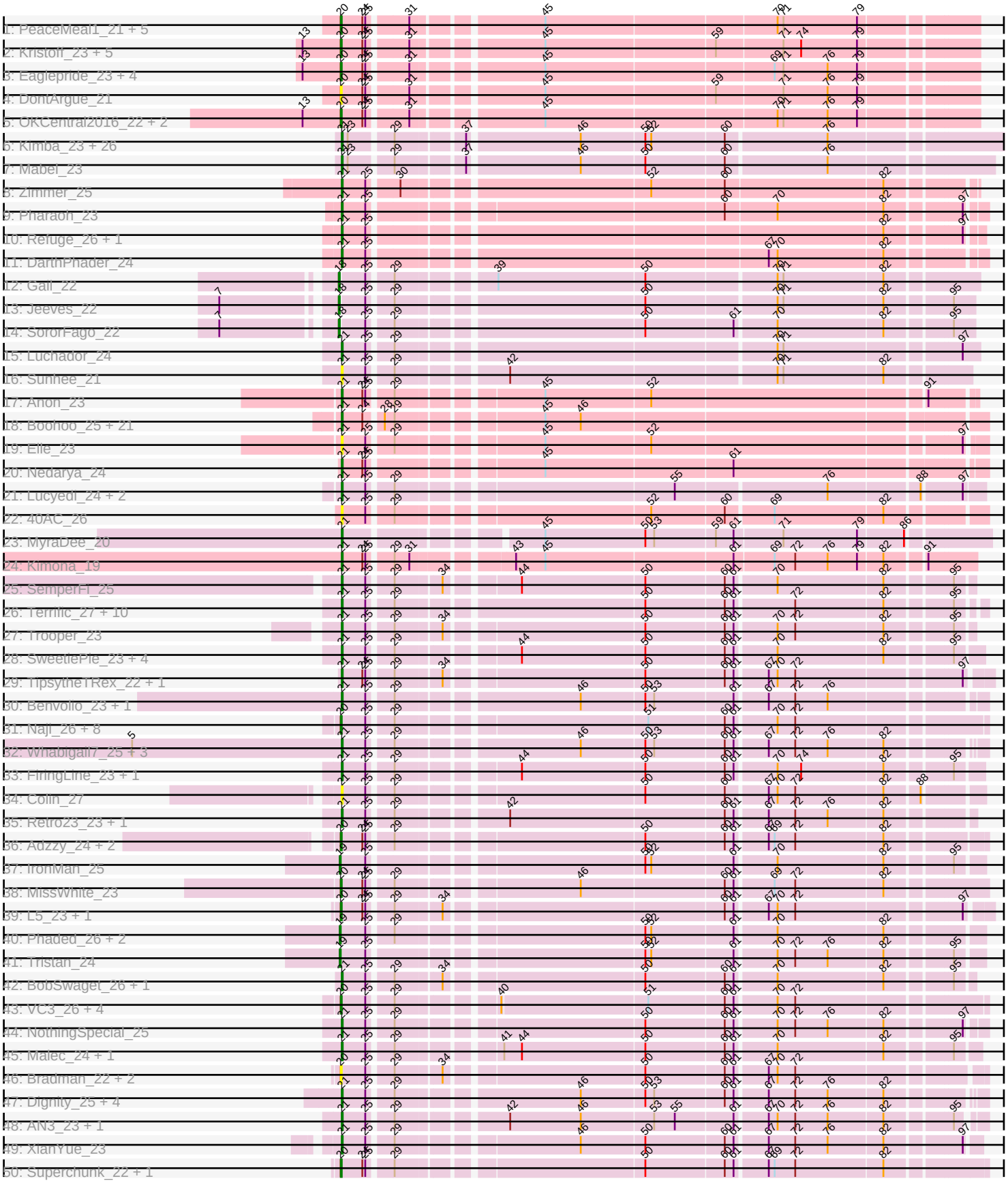
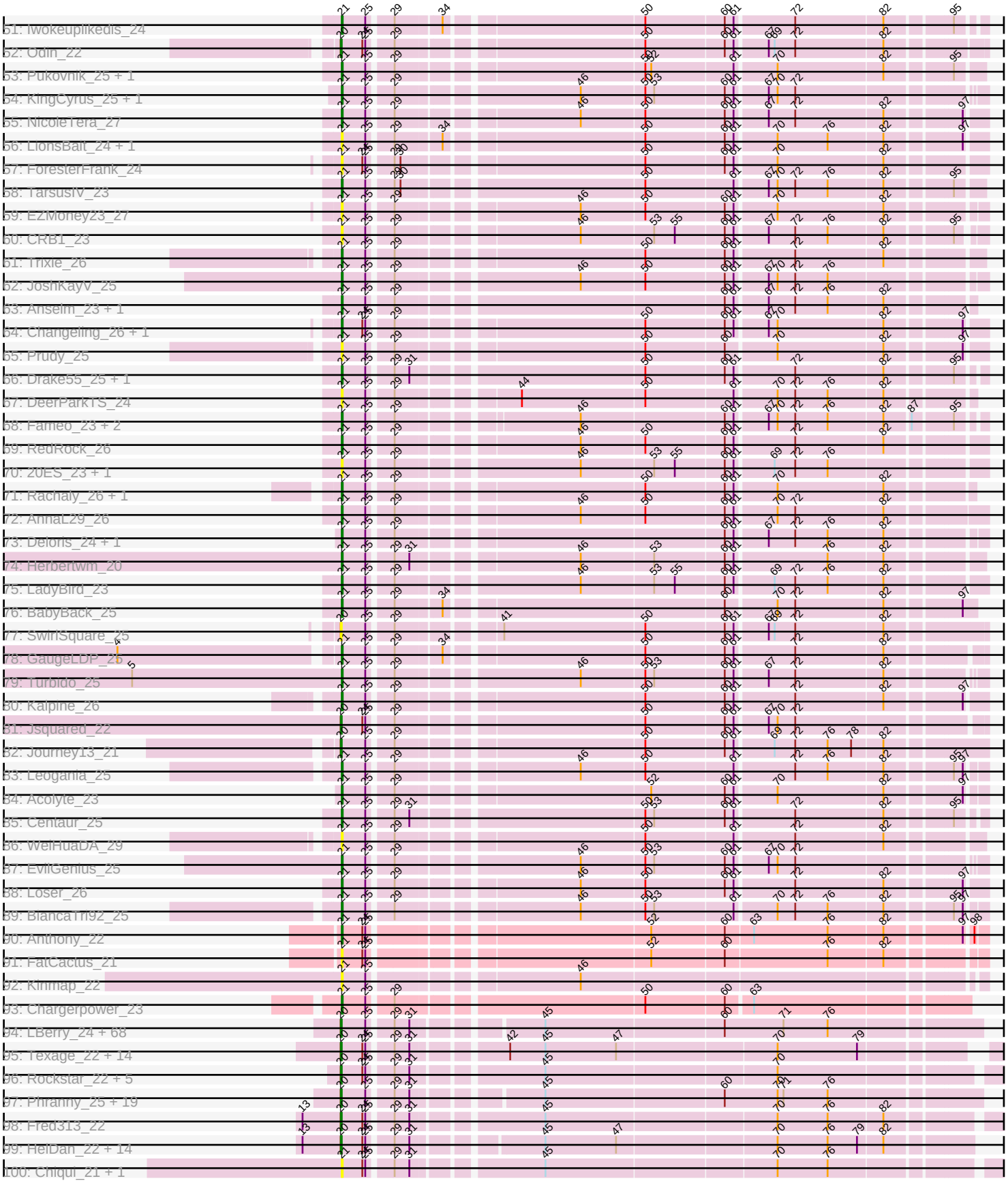
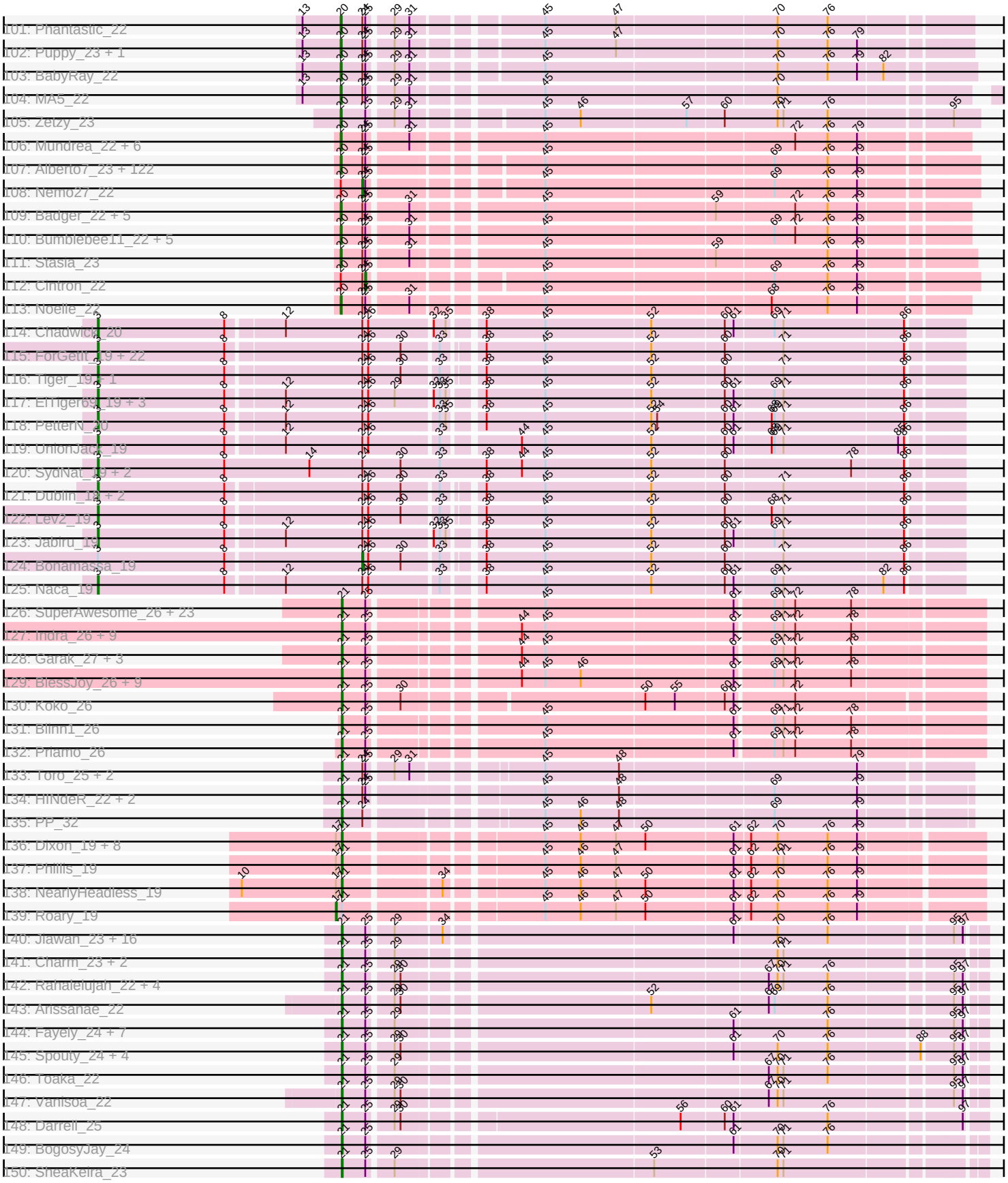
Pham 281858


1: PeaceMeal1_21 + 5
2: Kristoff_23 + 5
3: Eaglepride_23 + 4
4: DontArgue_21
5: OKCentral2016_22 + 2
6: Kimba_23 + 26
7: Mabel_23
8: Zimmer_25
9: Pharaoh_23
10: Refuge_26 + 1
11: DarthPhader_24
12: Gail_22
13: Jeeves_22
14: SororFago_22
15: Luchador_24
16: Sunhee_21
17: Anon_23
18: Boohoo_25 + 21
19: Elle_23
20: Nedarya_24
21: Lucyedi_24 + 2
22: 40AC_26
23: MyraDee_20
24: Kimona_19
25: SemperFi_25
26: Terrific_27 + 10
27: Trooper_23
28: SweetiePie_23 + 4
29: TipsytheTRex_22 + 1
30: Benvolio_23 + 1
31: Najr_26 + 8
32: Whabigail7_25 + 3
33: FiringLine_23 + 1
34: Colin_27
35: Retro23_23 + 1
36: Adzzy_24 + 2
37: IronMan_25
38: MissWhite_23
39: L5_23 + 1
40: Phaded_26 + 2
41: Tristan_24
42: BobSwaget_26 + 1
43: VC3_26 + 4
44: NothingSpecial_25
45: Malec_24 + 1
46: Bradman_22 + 2
47: Dignity_25 + 4
48: AN3_23 + 1
49: XianYue_23
50: Superchunk_22 + 1

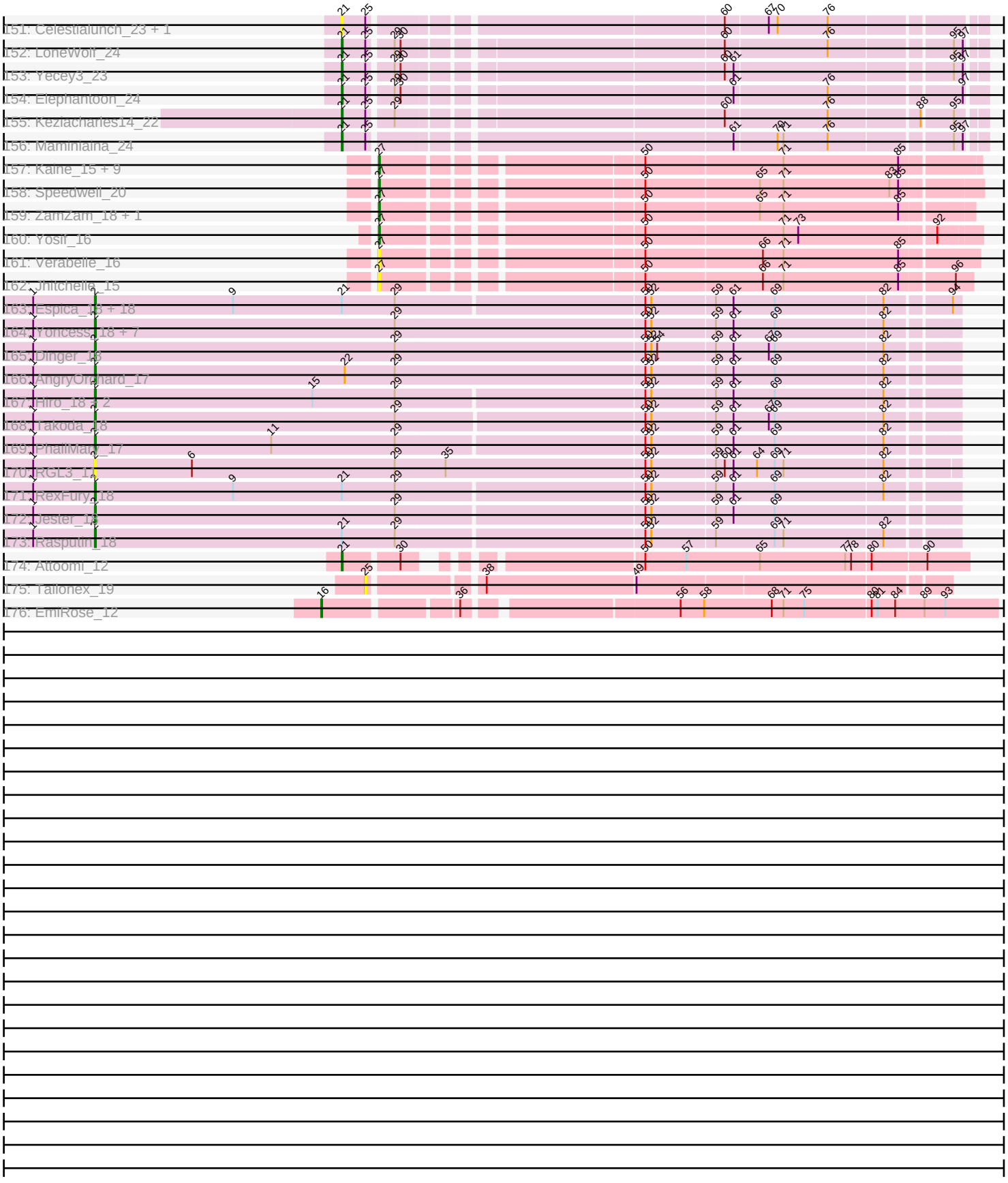
Pham 281858


51: Iwokeuplikedis_24
52: Odin_22
53: Pukovnik_25 + 1
54: KingCyrus_25 + 1
55: NicoleTera_27
56: LionsBait_24 + 1
57: ForesterFrank_24
58: TarsusIV_23
59: EZMoney23_27
60: CRB1_23
61: Trixie_26
62: JoshKayV_25
63: Anselm_23 + 1
64: Changeling_26 + 1
65: Prudy_25
66: Drake55_25 + 1
67: DeerParkTS_24
68: Fameo_23 + 2
69: RedRock_26
70: 20ES_23 + 1
71: Rachaly_26 + 1
72: AnnaL29_26
73: Delons_24 + 1
74: Herbertwm_20
75: LadyBird_23
76: BabyBack_25
77: SwimSquare_25
78: GaugeLDP_26
79: Turbido_25
80: Kalpine_26
81: Jsquared_22
82: Journey13_21
83: Leogarna_25
84: Acolyte_23
85: Centaur_25
86: WeiHuaDA_29
87: EvilGenius_25
88: Loser_26
89: BiancaTri92_25
90: Anthony_22
91: FatCactus_21
92: Kinmap_22
93: Chargerpower_23
94: LBerry_24 + 68
95: Texage_22 + 14
96: Rockstar_22 + 5
97: Phranny_25 + 19
98: Fred313_22
99: HelDan_22 + 14
100: Chiqui_21 + 1

Pham 281858


I01: Phantastic_22
I02: Puppy_23 + 1
I03: BabyRay_22
I04: MA5_22
I05: Zetzy_23
I06: Mundrea_22 + 6
I07: Alberto7_23 + 122
I08: Nemo27_22
I09: Badger_22 + 5
I10: Bumblebee11_22 + 5
I11: Stasia_23
I12: Cintron_22
I13: Noelle_23
I14: Chadwick1_20
I15: ForGetIt_19 + 22
I16: Tiger_19 + 1
I17: Ertiger65_19 + 3
I18: PetterN_20
I19: UnionJack_19
I20: SydNat_19 + 2
I21: Dublin_18 + 2
I22: Lev2_19
I23: Jabiru_19
I24: Bonamassa_19
I25: Naca_19
I26: SuperAwesome_26 + 23
I27: Indra_26 + 9
I28: Garak_27 + 3
I29: BlessJoy_26 + 9
I30: Koko_26
I31: Blinn1_26
I32: Phamo_26
I33: Toro_25 + 2
I34: HiNdeR_22 + 2
I35: PP_32
I36: Dixon_19 + 8
I37: Phillis_19
I38: NearlyHeadless_19
I39: Roary_19
I40: Jiawan_23 + 16
I41: Charm_23 + 2
I42: Hallelujah_22 + 4
I43: Arissanae_22
I44: Fayely_24 + 7
I45: Spouty_24 + 4
I46: Toaka_22
I47: Vanisoa_22
I48: Darrell_25
I49: BogosyJay_24
I50: SneaKeira_23

Pham 281858


151: Celestialunch_23 + 1
152: LoneWolf_24
153: Yecey3_23
154: Elephantoon_24
155: Keziachanes14_22
156: Mamiriaina_24
157: Kaine_15 + 9
158: Speedwell_20
159: ZamZam_18 + 1
160: Yosif_16
161: Verabelle_16
162: Jhitchelle_15
163: Espica_13 + 18
164: Yoncess_18 + 7
165: Dinger_13
166: AngryOrchard_17
167: Hiro_18 + 2
168: Trakoda_18
169: PhallMan_17
170: RGL3_12
171: RexFury_18
172: Jester_12
173: Rasputin_18
174: Attoomi_12
175: Tallonex_19
176: EmiRose_12

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 281858 Report

This analysis was run 02/23/26 on database version 636.

Pham number 281858 has 718 members, 93 are drafts.

Phages represented in each track:
• Track 1 : PeaceMeal1_21, Drake94_21, KittenMittens_21, Severus_21, Trike_20, Poompha_21
• Track 2 : Kristoff_23, Rowdy_25, RhynO_23, DustyMartin_25, Shapes_25, Rebeuca_23
• Track 3 : Eaglepride_23, Edison31_22, WalterMcMickey_22, Twister_22, Topanga_22
• Track 4 : DontArgue_21
• Track 5 : OKCentral2016_22, Goose_22, Chupacabra_22
• Track 6 : Kimba_23, Aneem_23, Insomnia_23, Flaverint_23, Salz_23, Hutc2_23, Bachome_23, Orange_23, Ebony_23, Jabith_23, Sham4_23, TinyTimmy_23, Joselito_23, Gilberta_23, Et2Brutus_22, Wolpertinger_22, Fibonacci_23, Bud_23, Saskia_22, Mulciber_23, Snape_23, Munch_23, Lucivia_23, Bowtie_23, Timothy_23, Petersenfast_22, MaCh_23
• Track 7 : Mabel_23
• Track 8 : Zimmer_25
• Track 9 : Pharaoh_23
• Track 10 : Refuge_26, Steamy_24
• Track 11 : DarthPhader_24
• Track 12 : Gail_22
• Track 13 : Jeeves_22
• Track 14 : SororFago_22
• Track 15 : Luchador_24
• Track 16 : Sunhee_21
• Track 17 : Anon_23
• Track 18 : Boohoo_25, Strosahl_25, DekHockey33_25, Oofda_25, ReMo_25, MinecraftSteve_26, Remus_25, Rosalind_25, Battleship_26, JSwag_25, Looper_26, ShayRa_26, Warrior24_25, Soups_25, Waits_25, KatherineG_25, Nebulosus_25, Ravana_26, LastResort_25, Epsocamisio_25, Switzerland_25, Anaysia_25
• Track 19 : Elle_23
• Track 20 : Nedarya_24
• Track 21 : Lucyedi_24, EagleEye_25, PainterBoy_24
• Track 22 : 40AC_26
• Track 23 : MyraDee_20
• Track 24 : Kimona_19
• Track 25 : SemperFi_25
• Track 26 : Terrific_27, Equemioh13_25, Flare16_23, Baehexic_24, Gratitude_24, Sknot_23, Updawg_25, Piro94_24, NaSiaTalie_23, WideWale_25, HarryHoudini_25

• Track 27 : Trooper_23
• Track 28 : SweetiePie_23, Georgie2_24, SnapTap_23, Crucio_23, Power_23
• Track 29 : TipsytheTRex_22, Serenity_22
• Track 30 : Benvolio_23, Echild_23
• Track 31 : Naji_26, DBQu4n_26, Kerberos_26, D32_26, StarStuff_26, Tomathan_26, D29_23, Travvers_26, Pomar16_26
• Track 32 : Whabigail7_25, Jerm_25, Agape74_25, LilTurb_25
• Track 33 : FiringLine_23, QueenBeesly_23
• Track 34 : Colin_27
• Track 35 : Retro23_23, Dalmatian_23
• Track 36 : Adzzy_24, Ph8s_24, Che12_25
• Track 37 : IronMan_25
• Track 38 : MissWhite_23
• Track 39 : L5_23, Koduck_23
• Track 40 : Phaded_26, Landor_24, Jaan_26
• Track 41 : Tristan_24
• Track 42 : BobSwaget_26, Miko_26
• Track 43 : VC3_26, ANI8_26, AN9_26, Duplo_26, C3_21
• Track 44 : NothingSpecial_25
• Track 45 : Malec_24, Larenn_24
• Track 46 : Bradman_22, MajorMajor_22, Quokka_21
• Track 47 : Dignity_25, AbbyPaige_25, Bugsy_25, Leviathan_25, Smeagan_25
• Track 48 : AN3_23, VA6_23
• Track 49 : XianYue_23
• Track 50 : Superchunk_22, Caraxes_22
• Track 51 : Iwokeuplikedis_24
• Track 52 : Odin_22
• Track 53 : Pukovnik_25, Bactobuster_24
• Track 54 : KingCyrus_25, ChipMunk_25
• Track 55 : NicoleTera_27
• Track 56 : LionsBait_24, HippoHollow_24
• Track 57 : ForesterFrank_24
• Track 58 : TarsusIV_23
• Track 59 : EZMoney23_27
• Track 60 : CRB1_23
• Track 61 : Trixie_26
• Track 62 : JoshKayV_25
• Track 63 : Anselm_23, DudeLittle_23
• Track 64 : Changeling_26, ArcherNM_25
• Track 65 : Prudy_25
• Track 66 : Drake55_25, MiculUcigas_23
• Track 67 : DeerParkTS_24
• Track 68 : Fameo_23, QueenB2_23, Heffalump_25
• Track 69 : RedRock_26
• Track 70 : 20ES_23, First_0023
• Track 71 : Rachaly_26, Lokk_26
• Track 72 : AnnaL29_26
• Track 73 : Deloris_24, BengiVuitton_24
• Track 74 : Herbertwm_20
• Track 75 : LadyBird_23
• Track 76 : BabyBack_25
• Track 77 : SwirlSquare_25
• Track 78 : GaugeLDP_25

• Track 79 : Turbido_25
• Track 80 : Kalpine_26
• Track 81 : Jsquared_22
• Track 82 : Journey13_21
• Track 83 : Leogania_25
• Track 84 : Acolyte_23
• Track 85 : Centaur_25
• Track 86 : WeiHuaDA_29
• Track 87 : EvilGenius_25
• Track 88 : Loser_26
• Track 89 : BiancaTri92_25
• Track 90 : Anthony_22
• Track 91 : FatCactus_21
• Track 92 : Kinmap_22
• Track 93 : Chargerpower_23
• Track 94 : LBerry_24, Sabinator_24, Hercules11_24, Montavir_23, Grum1_24, Phoxy_24, TinyPebbles_24, Croquant_25, PotatoSplit_25, AugsMagnumOpus_26, PGHhamlin_26, KADY_25, Watson_24, Mainiac_24, Cullens_24, Gwennie_23, Stagni_24, LugYA_26, Sabia_24, Lilith_24, Farber_24, Dieselweasel_24, Malinsilva_26, Vix_24, Rummer_24, Spike509_24, SoYo_24, Phoebe_24, Grub_24, Anubis_26, Methuselah_23, Beauxregard13_24, Marie_24, Louie6_24, Bxz2_23, Soshari_26, GingkoMaracino_24, MadMarie_24, StepMih_24, AgronaGT15_24, Misomonster_26, Penny1_24, EpicPhail_24, Aglet_24, Tiffany_24, BreSam8_24, MarQuardt_24, OlanP_24, Bigflo_24, Microwolf_24, Pembroke_24, Wooldri_26, Fernando_24, MuchMore_26, BuzzBuzz_23, DaHudson_24, Colbster_24, LarryKay_24, Lowa_24, Snickers_24, P28Green_24, Daishi_23, JHC117_24, GtownJaz_24, JenCasNa_24, Grif_24, MoneyMay_24, Taurus_24, HashRod_25
• Track 95 : Texage_22, Hookmount_23, Margo_23, QuinnKiro_22, Veracruz_22, Lambert1_23, Norbert_22, Todacoro_23, Caviar_23, Panamaxus_22, Pocahontas_23, Noella_23, ResDef_23, Popcicle_23, EtoileNova_23
• Track 96 : Rockstar_22, JF2_22, B1_20, Isca_22, JF4_22, MK4_22
• Track 97 : Phranny_25, PurpleHaze_24, Jobu08_24, ACFishhook_24, JeppNRM_25, Pawn_24, Gemma_24, Ollie_24, HaveUMetTed_25, Manu_25, SoilDragon_24, Groupthink_25, Kalnoky_25, Calvinny_25, ClownCar_25, Kalb97_25, Reba_25, Marius_25, Heliosoles_24, PhishRPhriends_23
• Track 98 : Fred313_22
• Track 99 : HelDan_22, Pistachio_23, Giroux_23, Heathen_22, Roimos_22, Kachowdy_22, Idleandcovert_22, Marchesa_22, Bugatti_22, Clammy_22, SaturnRing_22, BlueBird_23, Scout_22, Zarafa_22, DropBear_22
• Track 100 : Chiqui_21, BabyJohn_21
• Track 101 : Phantastic_22
• Track 102 : Puppy_23, TNguyen7_22
• Track 103 : BabyRay_22
• Track 104 : MA5_22
• Track 105 : Zetzy_23
• Track 106 : Mundrea_22, Stink_23, Shygu2_22, Miramae_22, Cindaradix_21, AbbysRanger_22, AvatarAhPeg_23
• Track 107 : Alberto7_23, Camperdownii_21, JetBlade_22, Gadost_22, TinaFeyge_22, Connomayer_22, KFPoly_22, LHTSCC_23, LeoAvram_22, Florean_22, ICleared_22, Dhanush_22, Caelakin_22, LittleB_22, Druantia_22, LittleGuy_22, Cerulean_23, Holli_22, Citius_22, TygerBlood_22, Albee_22, Skipitt_22, Lunsford_23, Kingmustik0402_22, Medusa_22, Kampy_22, Funston_22, Romney_22, MeeZee_22, Eros_22, Burger_21, TroyPia_22, Palestino_22,

BellusTerra_22, Phighter1804_22, ChampagnePapi_23, Scamp_22, Commander_22, Wilbur_22, Arturo_21, Eurydice_22, Chaph_22, Nyxis_22, Phontbonne_22, RockieBear_21, Flux_22, Maverick_22, Phacado_22, Eagle_21, Sabertooth_22, Shaka_22, Mayonnaise_22, KekoraPapaka_21, Ohfah_22, Melvin_22, JoongJeon_22, OKaNui_23, Abdiel_22, Millski_22, SenorClean_22, TiroTheta9_22, BangNhom_22, Broseidon_22, Phelipe_22, Polymorphads_22, Taquarus_22, Lorenzo_22, SheldonCooper_23, Wizard007_22, NotAPhaseMom_22, Relief_22, Sultana_22, Nebs_22, CentreCat_22, Kyee_22, Thanksgivukkah_22, Lemur_22, Maxo_22, Tinybot_21, Blackmoor_22, YoSam321_22, Eris_22, Houdini22_22, Kratark_22, Wander_22, Iracema64_23, DirtyDunning_22, Clarenza_22, LappelDuVide_22, Happiness_22, HamSlice_21, BubbleTrouble_22, Pumbaa_22, Jaykayelowell_22, Huxley_22, Spino_22, Roosevelt_22, Bruiser_22, Cocoaberry_22, Koreni_21, Ruin_22, Mazhar510_22, SteMason_21, Morrow_22, Pipcraft_22, Bombshell_22, Sparxx_22, Baby16_22, Bartimeaus_22, Rosa24_21, Kremtemulon_22, LochMonster_22, PeterPeter_22, Eapen_22, Iceman_23, Obama12_23, Ulysses_21, Koan_22, NorthStar_22, Peaches_22, Annyong_22, Deano_22, Avle17_22

• Track 108 : Nemo27_22
• Track 109 : Badger_22, Achebe_22, Wile_22, Xena_22, Backyardigan_22, Datway_22
• Track 110 : Bumblebee11_22, Cici_22, Morpher26_22, PetiteSangsue_22, Katalie136_22, Perplexer_22
• Track 111 : Stasia_23
• Track 112 : Cintron_22
• Track 113 : Noelle_22
• Track 114 : Chadwick_20
• Track 115 : ForGetIt_19, Florence1_19, Jovo_19, Aragog_19, Milcery_19, Cuco_19, Twigg_19, Tarynearal_18, Midas2_19, HuhtaEnerson15_19, Florence4_20, Phlorence_19, PickleBack_19, Prinashe11_20, Archetta_19, Swirley_19, Coog_19, Bluefalcon_18, George_18, Discoknowium_19, AgentM_19, LittleCherry_19, Micasa_19
• Track 116 : Tiger_19, Conspiracy_19
• Track 117 : ElTiger69_19, Benedict_19, Scorpia_20, Airmid_19
• Track 118 : PetterN_20
• Track 119 : UnionJack_19
• Track 120 : SydNat_19, Ghoulboy_19, Zolita_18
• Track 121 : Dublin_18, Theia_17, MarysWell_18
• Track 122 : Lev2_19
• Track 123 : Jabiru_19
• Track 124 : Bonamassa_19
• Track 125 : Naca_19
• Track 126 : SuperAwesome_26, JewelBug_26, Polyphemus_26, McFly_26, BennyP_26, Neeharika16_26, SuperCallie99_26, GreedyLawyer_26, Kazan_26, Isiphiwo_26, VohminGhazi_26, EricB_26, Pmask_26, Jordennis_26, SmellyB_26, BABullseye_26, Newrala_26, Chartreuse_26, Kipper29_26, Dorothea_26, DaVinci_26, Cookiedough_26, DelvinSonDorr_25, Hoot_26
• Track 127 : Indra_26, Hexamo_26, Blue7_26, CloudWang3_26, Gladiator_26, Jeffabunny_26, Hammer_26, Gruunaga_26, Artemis2UCLA_26, Roksolana_26
• Track 128 : Garak_27, Helmet_26, Candra_26, Temprado_26
• Track 129 : BlessJoy_26, Wiks_26, Rifter_26, Tucker_26, Zaka_26, Lilbunny_26, Yokurt_26, ToneTone_24, Zulu_26, WunderPhul_26
• Track 130 : Koko_26
• Track 131 : Blinn1_26

• Track 132 : Priamo_26
• Track 133 : Toro_25, Sheen_24, FlyCatcher_26
• Track 134 : HINdeR_22, DroogsArmy_23, Timshel_23
• Track 135 : PP_32
• Track 136 : Dixon_19, Smeadley_19, Danforth_18, Expelliarmus_18, Caitlin_18, Saintus_19, Groundhog_18, Stephig9_19, Astro_19
• Track 137 : Phillis_19
• Track 138 : NearlyHeadless_19
• Track 139 : Roary_19
• Track 140 : Jiawan_23, Conquerage_24, Beemo_24, ExplosioNervosa_24, RyeScarlet_25, Lilleskat_22, Hanray_23, Ayanochan_25, EdogawaKiddo_22, Onglai_23, Scherzo_24, Qobbit_24, Pioneer_24, Ugenie5_21, Phonnegut_24, Holex_23, Sachima_22
• Track 141 : Charm_23, Klodlith_23, DreamTeam1_23
• Track 142 : Rahalelujah_22, CogOmlette_21, Bellris_21, Minispark_21, WorldCup_21
• Track 143 : Arissanae_22
• Track 144 : Fayely_24, Aliter_24, Tubs_24, Catalina_24, PackMan_24, Phaeder_24, Myxus_24, HortumSL17_24
• Track 145 : Spouty_24, EmyBug_24, Priya_24, Eidsmoe_24, Alma_24
• Track 146 : Toaka_22
• Track 147 : Vanisoa_22
• Track 148 : Darrell_25
• Track 149 : BogosyJay_24
• Track 150 : SheaKeira_23
• Track 151 : Celestialunch_23, MegTheThird_22
• Track 152 : LoneWolf_24
• Track 153 : Yecey3_23
• Track 154 : Elephantoon_24
• Track 155 : Keziacharles14_22
• Track 156 : Maminiaina_24
• Track 157 : Kaine_15, Vanseggelen_19, Conan_16, Dexers_14, ElGato_16, Celery_18, Provolone_16, Alsaber_16, Pavo_16, Sudan_16
• Track 158 : Speedwell_20
• Track 159 : ZamZam_18, Saftant_15
• Track 160 : Yosif_16
• Track 161 : Verabelle_16
• Track 162 : Jhitchelle_15
• Track 163 : Espica_18, Gollum_18, Naiad_18, Belenaria_18, Phrankenstein_18, Erik_18, RER2_11, CosmicSans_18, Swann_18, TWAMP_18, StCroix_18, Bradshaw_18, Alatin_18, Lillie_18, Natosaleda_18, UhSalsa_18, Nancinator_18, Rhodalysa_18, Shuman_18
• Track 164 : Yoncess_18, Alpacados_17, Harlequin_18, BobbyDazzler_18, Bonanza_18, Partridge_18, Bryce_18, Yogi_18
• Track 165 : Dinger_18
• Track 166 : AngryOrchard_17
• Track 167 : Hiro_18, Krishelle_18, AppleCloud_16
• Track 168 : Takoda_18
• Track 169 : PhailMary_17
• Track 170 : RGL3_11
• Track 171 : RexFury_18
• Track 172 : Jester_18
• Track 173 : Rasputin_18

• Track 174 : Attoomi_12
• Track 175 : Tailonex_19
• Track 176 : EmiRose_12

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

The start number called the most often in the published annotations is 20, it was called in 294 of the 625 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ACFishhook_24, AN9_26, ANI8_26, AbbysRanger_22, Abdiel_22, Achebe_22, Adzzy_24, Aglet_24, AgronaGT15_24, Albee_22, Alberto7_23, Annyong_22, Anubis_26, Arturo_21, AugsMagnumOpus_26, AvatarAhPeg_23, Avle17_22, B1_20, Baby16_22, BabyRay_22, Backyardigan_22, Badger_22, BangNhom_22, Bartimeaus_22, Beauxregard13_24, BellusTerra_22, Bigflo_24, Blackmoor_22, BlueBird_23, Bombshell_22, Bradman_22, BreSam8_24, Broseidon_22, Bruiser_22, BubbleTrouble_22, Bugatti_22, Bumblebee11_22, Burger_21, BuzzBuzz_23, Bxz2_23, C3_21, Caelakin_22, Calvinny_25, Camperdownii_21, Caraxes_22, Caviar_23, CentreCat_22, Cerulean_23, ChampagnePapi_23, Chaph_22, Che12_25, Chupacabra_22, Cici_22, Cindaradix_21, Citius_22, Clammy_22, Clarenza_22, ClownCar_25, Cocoaberry_22, Colbster_24, Commander_22, Connomayer_22, Croquant_25, Cullens_24, D29_23, D32_26, DBQu4n_26, DaHudson_24, Daishi_23, Datway_22, Deano_22, Dhanush_22, Dieselweasel_24, DirtyDunning_22, DontArgue_21, Drake94_21, DropBear_22, Druantia_22, Duplo_26, DustyMartin_25, Eagle_21, Eaglepride_23, Eapen_22, Edison31_22, EpicPhail_24, Eris_22, Eros_22, EtoileNova_23, Eurydice_22, Farber_24, Fernando_24, Florean_22, Flux_22, Fred313_22, Funston_22, Gadost_22, Gemma_24, GingkoMaracino_24, Giroux_23, Goose_22, Grif_24, Groupthink_25, Grub_24, Grum1_24, GtownJaz_24, Gwennie_23, HamSlice_21, Happiness_22, HashRod_25, HaveUMetTed_25, Heathen_22, HelDan_22, Heliosoles_24, Hercules11_24, Holli_22, Hookmount_23, Houdini22_22, Huxley_22, ICleared_22, Iceman_23, Idleandcovert_22, Iracema64_23, Isca_22, JF2_22, JF4_22, JHC117_24, Jaykayelowell_22, JenCasNa_24, JeppNRM_25, JetBlade_22, Jobu08_24, JoongJeon_22, Journey13_21, Jsquared_22, KADY_25, KFPoly_22, Kachowdy_22, Kalb97_25, Kalnoky_25, Kampy_22, Katalie136_22, KekoraPapaka_21, Kerberos_26, Kingmustik0402_22, KittenMittens_21, Koan_22, Koduck_23, Koreni_21, Kratark_22, Kremtemulon_22, Kristoff_23, Kyee_22, L5_23, LBerry_24, LHTSCC_23, Lambert1_23, LappelDuVide_22, LarryKay_24, Lemur_22, LeoAvram_22, Lilith_24, LittleB_22, LittleGuy_22, LochMonster_22, Lorenzo_22, Louie6_24, Lowa_24, LugYA_26, Lunsford_23, MA5_22, MK4_22, MadMarie_24, Mainiac_24, MajorMajor_22, Malinsilva_26, Manu_25, MarQuardt_24, Marchesa_22, Margo_23, Marie_24, Marius_25, Maverick_22, Maxo_22, Mayonnaise_22, Mazhar510_22, Medusa_22, MeeZee_22, Melvin_22, Methuselah_23, Microwolf_24, Millski_22, Miramae_22, Misomonster_26, MissWhite_23, MoneyMay_24, Montavir_23, Morpher26_22, Morrow_22, MuchMore_26, Mundrea_22, Naji_26, Nebs_22, Noella_23, Noelle_22, Norbert_22, NorthStar_22, NotAPhaseMom_22, Nyxis_22, OKCentral2016_22, OKaNui_23, Obama12_23, Odin_22, Ohfah_22, OlanP_24, Ollie_24, P28Green_24, PGHhamlin_26, Palestino_22, Panamaxus_22, Pawn_24, PeaceMeal1_21, Peaches_22, Pembroke_24, Penny1_24, Perplexer_22, PeterPeter_22, PetiteSangsue_22, Ph8s_24, Phacado_22, Phantastic_22,

Phelipe_22, Phighter1804_22, PhishRPhriends_23, Phoebe_24, Phontbonne_22, Phoxy_24, Phranny_25, Pipcraft_22, Pistachio_23, Pocahontas_23, Polymorphads_22, Pomar16_26, Poompha_21, Popcicle_23, PotatoSplit_25, Pumbaa_22, Puppy_23, PurpleHaze_24, QuinnKiro_22, Quokka_21, Reba_25, Rebeuca_23, Relief_22, ResDef_23, RhynO_23, RockieBear_21, Rockstar_22, Roimos_22, Romney_22, Roosevelt_22, Rosa24_21, Rowdy_25, Ruin_22, Rummer_24, Sabertooth_22, Sabia_24, Sabinator_24, SaturnRing_22, Scamp_22, Scout_22, SenorClean_22, Severus_21, Shaka_22, Shapes_25, SheldonCooper_23, Shygu2_22, Skipitt_22, Snickers_24, SoYo_24, SoilDragon_24, Soshari_26, Sparxx_22, Spike509_24, Spino_22, Stagni_24, StarStuff_26, Stasia_23, SteMason_21, StepMih_24, Stink_23, Sultana_22, Superchunk_22, SwirlSquare_25, TNguyen7_22, Taquarus_22, Taurus_24, Texage_22, Thanksgivukkah_22, Tiffany_24, TinaFeyge_22, TinyPebbles_24, Tinybot_21, TiroTheta9_22, Todacoro_23, Tomathan_26, Topanga_22, Travvers_26, Trike_20, TroyPia_22, Twister_22, TygerBlood_22, Ulysses_21, VC3_26, Veracruz_22, Vix_24, WalterMcMickey_22, Wander_22, Watson_24, Wilbur_22, Wile_22, Wizard007_22, Wooldri_26, Xena_22, YoSam321_22, Zarafa_22, Zetzy_23,

Genes that have the "Most Annotated" start but do not call it:
• Cintron_22, Nemo27_22,

Genes that do not have the "Most Annotated" start:
• 20ES_23, 40AC_26, AN3_23, AbbyPaige_25, Acolyte_23, Agape74_25, AgentM_19, Airmid_19, Alatin_18, Aliter_24, Alma_24, Alpacados_17, Alsaber_16, Anaysia_25, Aneem_23, AngryOrchard_17, AnnaL29_26, Anon_23, Anselm_23, Anthony_22, AppleCloud_16, Aragog_19, ArcherNM_25, Archetta_19, Arissanae_22, Artemis2UCLA_26, Astro_19, Attoomi_12, Ayanochan_25, BABullseye_26, BabyBack_25, BabyJohn_21, Bachome_23, Bactobuster_24, Baehexic_24, Battleship_26, Beemo_24, Belenaria_18, Bellris_21, Benedict_19, BengiVuitton_24, BennyP_26, Benvolio_23, BiancaTri92_25, BlessJoy_26, Blinn1_26, Blue7_26, Bluefalcon_18, BobSwaget_26, BobbyDazzler_18, BogosyJay_24, Bonamassa_19, Bonanza_18, Boohoo_25, Bowtie_23, Bradshaw_18, Bryce_18, Bud_23, Bugsy_25, CRB1_23, Caitlin_18, Candra_26, Catalina_24, Celery_18, Celestialunch_23, Centaur_25, Chadwick_20, Changeling_26, Chargerpower_23, Charm_23, Chartreuse_26, ChipMunk_25, Chiqui_21, CloudWang3_26, CogOmlette_21, Colin_27, Conan_16, Conquerage_24, Conspiracy_19, Coog_19, Cookiedough_26, CosmicSans_18, Crucio_23, Cuco_19, DaVinci_26, Dalmatian_23, Danforth_18, Darrell_25, DarthPhader_24, DeerParkTS_24, DekHockey33_25, Deloris_24, DelvinSonDorr_25, Dexers_14, Dignity_25, Dinger_18, Discoknowium_19, Dixon_19, Dorothea_26, Drake55_25, DreamTeam1_23, DroogsArmy_23, Dublin_18, DudeLittle_23, EZMoney23_27, EagleEye_25, Ebony_23, Echild_23, EdogawaKiddo_22, Eidsmoe_24, ElGato_16, ElTiger69_19, Elephantoon_24, Elle_23, EmiRose_12, EmyBug_24, Epsocamisio_25, Equemioh13_25, EricB_26, Erik_18, Espica_18, Et2Brutus_22, EvilGenius_25, Expelliarmus_18, ExplosioNervosa_24, Fameo_23, FatCactus_21, Fayely_24, Fibonacci_23, FiringLine_23, First_0023, Flare16_23, Flaverint_23, Florence1_19, Florence4_20, FlyCatcher_26, ForGetIt_19, ForesterFrank_24, Gail_22, Garak_27, GaugeLDP_25, George_18, Georgie2_24, Ghoulboy_19, Gilberta_23, Gladiator_26, Gollum_18, Gratitude_24, GreedyLawyer_26, Groundhog_18, Gruunaga_26, HINdeR_22, Hammer_26, Hanray_23, Harlequin_18, HarryHoudini_25, Heffalump_25, Helmet_26, Herbertwm_20, Hexamo_26, HippoHollow_24, Hiro_18, Holex_23, Hoot_26, HortumSL17_24, HuhtaEnerson15_19, Hutc2_23, Indra_26, Insomnia_23, IronMan_25, Isiphiwo_26, Iwokeuplikedis_24, JSwag_25, Jaan_26, Jabiru_19,

Jabith_23, Jeeves_22, Jeffabunny_26, Jerm_25, Jester_18, JewelBug_26, Jhitchelle_15, Jiawan_23, Jordennis_26, Joselito_23, JoshKayV_25, Jovo_19, Kaine_15, Kalpine_26, KatherineG_25, Kazan_26, Keziacharles14_22, Kimba_23, Kimona_19, KingCyrus_25, Kinmap_22, Kipper29_26, Klodlith_23, Koko_26, Krishelle_18, LadyBird_23, Landor_24, Larenn_24, LastResort_25, Leogania_25, Lev2_19, Leviathan_25, LilTurb_25, Lilbunny_26, Lilleskat_22, Lillie_18, LionsBait_24, LittleCherry_19, Lokk_26, LoneWolf_24, Looper_26, Loser_26, Luchador_24, Lucivia_23, Lucyedi_24, MaCh_23, Mabel_23, Malec_24, Maminiaina_24, MarysWell_18, McFly_26, MegTheThird_22, Micasa_19, MiculUcigas_23, Midas2_19, Miko_26, Milcery_19, MinecraftSteve_26, Minispark_21, Mulciber_23, Munch_23, MyraDee_20, Myxus_24, NaSiaTalie_23, Naca_19, Naiad_18, Nancinator_18, Natosaleda_18, NearlyHeadless_19, Nebulosus_25, Nedarya_24, Neeharika16_26, Newrala_26, NicoleTera_27, NothingSpecial_25, Onglai_23, Oofda_25, Orange_23, PP_32, PackMan_24, PainterBoy_24, Partridge_18, Pavo_16, Petersenfast_22, PetterN_20, Phaded_26, Phaeder_24, PhailMary_17, Pharaoh_23, Phillis_19, Phlorence_19, Phonnegut_24, Phrankenstein_18, PickleBack_19, Pioneer_24, Piro94_24, Pmask_26, Polyphemus_26, Power_23, Priamo_26, Prinashe11_20, Priya_24, Provolone_16, Prudy_25, Pukovnik_25, Qobbit_24, QueenB2_23, QueenBeesly_23, RER2_11, RGL3_11, Rachaly_26, Rahalelujah_22, Rasputin_18, Ravana_26, ReMo_25, RedRock_26, Refuge_26, Remus_25, Retro23_23, RexFury_18, Rhodalysa_18, Rifter_26, Roary_19, Roksolana_26, Rosalind_25, RyeScarlet_25, Sachima_22, Saftant_15, Saintus_19, Salz_23, Saskia_22, Scherzo_24, Scorpia_20, SemperFi_25, Serenity_22, Sham4_23, ShayRa_26, SheaKeira_23, Sheen_24, Shuman_18, Sknot_23, Smeadley_19, Smeagan_25, SmellyB_26, SnapTap_23, Snape_23, SororFago_22, Soups_25, Speedwell_20, Spouty_24, StCroix_18, Steamy_24, Stephig9_19, Strosahl_25, Sudan_16, Sunhee_21, SuperAwesome_26, SuperCallie99_26, Swann_18, SweetiePie_23, Swirley_19, Switzerland_25, SydNat_19, TWAMP_18, Tailonex_19, Takoda_18, TarsusIV_23, Tarynearal_18, Temprado_26, Terrific_27, Theia_17, Tiger_19, Timothy_23, Timshel_23, TinyTimmy_23, TipsytheTRex_22, Toaka_22, ToneTone_24, Toro_25, Tristan_24, Trixie_26, Trooper_23, Tubs_24, Tucker_26, Turbido_25, Twigg_19, Ugenie5_21, UhSalsa_18, UnionJack_19, Updawg_25, VA6_23, Vanisoa_22, Vanseggelen_19, Verabelle_16, VohminGhazi_26, Waits_25, Warrior24_25, WeiHuaDA_29, Whabigail7_25, WideWale_25, Wiks_26, Wolpertinger_22, WorldCup_21, WunderPhul_26, XianYue_23, Yecey3_23, Yogi_18, Yokurt_26, Yoncess_18, Yosif_16, Zaka_26, ZamZam_18, Zimmer_25, Zolita_18, Zulu_26,

Summary by start number:

Start 2:
• Found in 38 of 718 (5.3%) of genes in pham
• Manual Annotations of this start: 36 of 625
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alatin_18 (CA), Alpacados_17 (CA), AngryOrchard_17 (CA), AppleCloud_16 (CA), Belenaria_18 (CA), BobbyDazzler_18 (CA), Bonanza_18 (CA), Bradshaw_18 (CA), Bryce_18 (CA), CosmicSans_18 (CA), Dinger_18 (CA), Erik_18 (CA), Espica_18 (CA), Gollum_18 (CA), Harlequin_18 (CA), Hiro_18 (CA), Jester_18 (CA), Krishelle_18 (CA), Lillie_18 (CA), Naiad_18 (CA), Nancinator_18 (CA), Natosaleda_18 (CA), Partridge_18 (CA), PhailMary_17 (CA), Phrankenstein_18 (CA), RER2_11 (CA), RGL3_11 (CA), Rasputin_18 (CA), RexFury_18 (CA), Rhodalysa_18 (CA), Shuman_18 (CA), StCroix_18 (CA), Swann_18 (CA), TWAMP_18 (CA), Takoda_18 (CA), UhSalsa_18 (CA), Yogi_18

(CA), Yoncess_18 (CA),

Start 3:
• Found in 42 of 718 (5.8%) of genes in pham
• Manual Annotations of this start: 37 of 625
• Called 97.6% of time when present
• Phage (with cluster) where this start called: AgentM_19 (A5), Airmid_19 (A5), Aragog_19 (A5), Archetta_19 (A5), Benedict_19 (A5), Bluefalcon_18 (A5), Chadwick_20 (A5), Conspiracy_19 (A5), Coog_19 (A5), Cuco_19 (A5), Discoknowium_19 (A5), Dublin_18 (A5), ElTiger69_19 (A5), Florence1_19 (A5), Florence4_20 (A5), ForGetIt_19 (A5), George_18 (A5), Ghoulboy_19 (A5), HuhtaEnerson15_19 (A5), Jabiru_19 (A5), Jovo_19 (A5), Lev2_19 (A5), LittleCherry_19 (A5), MarysWell_18 (A5), Micasa_19 (A5), Midas2_19 (A5), Milcery_19 (A5), Naca_19 (A5), PetterN_20 (A5), Phlorence_19 (A5), PickleBack_19 (A5), Prinashe11_20 (A5), Scorpia_20 (A5), Swirley_19 (A5), SydNat_19 (A5), Tarynearal_18 (A5), Theia_17 (A5), Tiger_19 (A5), Twigg_19 (A5), UnionJack_19 (A5), Zolita_18 (A5),

Start 16:
• Found in 1 of 718 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 625
• Called 100.0% of time when present
• Phage (with cluster) where this start called: EmiRose_12 (singleton),

Start 17:
• Found in 12 of 718 (1.7%) of genes in pham
• Manual Annotations of this start: 1 of 625
• Called 8.3% of time when present
• Phage (with cluster) where this start called: Roary_19 (A8),

Start 18:
• Found in 3 of 718 (0.4%) of genes in pham
• Manual Annotations of this start: 3 of 625
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Gail_22 (A14), Jeeves_22 (A14), SororFago_22 (A14),

Start 19:
• Found in 5 of 718 (0.7%) of genes in pham
• Manual Annotations of this start: 5 of 625
• Called 100.0% of time when present
• Phage (with cluster) where this start called: IronMan_25 (A2), Jaan_26 (A2), Landor_24 (A2), Phaded_26 (A2), Tristan_24 (A2),

Start 20:
• Found in 328 of 718 (45.7%) of genes in pham
• Manual Annotations of this start: 294 of 625
• Called 99.4% of time when present
• Phage (with cluster) where this start called: ACFishhook_24 (A3), AN9_26 (A2), ANI8_26 (A2), AbbysRanger_22 (A4), Abdiel_22 (A4), Achebe_22 (A4), Adzzy_24 (A2), Aglet_24 (A3), AgronaGT15_24 (A3), Albee_22 (A4), Alberto7_23 (A4), Annyong_22 (A4), Anubis_26 (A3), Arturo_21 (A4), AugsMagnumOpus_26 (A3), AvatarAhPeg_23 (A4), Avle17_22 (A4), B1_20 (A3), Baby16_22 (A4), BabyRay_22

(A3), Backyardigan_22 (A4), Badger_22 (A4), BangNhom_22 (A4), Bartimeaus_22 (A4), Beauxregard13_24 (A3), BellusTerra_22 (A4), Bigflo_24 (A3), Blackmoor_22 (A4), BlueBird_23 (A3), Bombshell_22 (A4), Bradman_22 (A2), BreSam8_24 (A3), Broseidon_22 (A4), Bruiser_22 (A4), BubbleTrouble_22 (A4), Bugatti_22 (A3), Bumblebee11_22 (A4), Burger_21 (A4), BuzzBuzz_23 (A3), Bxz2_23 (A3), C3_21 (A2), Caelakin_22 (A4), Calvinny_25 (A3), Camperdownii_21 (A4), Caraxes_22 (A2), Caviar_23 (A3), CentreCat_22 (A4), Cerulean_23 (A4), ChampagnePapi_23 (A4), Chaph_22 (A4), Che12_25 (A2), Chupacabra_22 (A10), Cici_22 (A4), Cindaradix_21 (A4), Citius_22 (A4), Clammy_22 (A3), Clarenza_22 (A4), ClownCar_25 (A3), Cocoaberry_22 (A4), Colbster_24 (A3), Commander_22 (A4), Connomayer_22 (A4), Croquant_25 (A3), Cullens_24 (A3), D29_23 (A2), D32_26 (A2), DBQu4n_26 (A2), DaHudson_24 (A3), Daishi_23 (A3), Datway_22 (A4), Deano_22 (A4), Dhanush_22 (A4), Dieselweasel_24 (A3), DirtyDunning_22 (A4), DontArgue_21 (A10), Drake94_21 (A10), DropBear_22 (A3), Druantia_22 (A4), Duplo_26 (A2), DustyMartin_25 (A10), Eagle_21 (A4), Eaglepride_23 (A10), Eapen_22 (A4), Edison31_22 (A10), EpicPhail_24 (A3), Eris_22 (A4), Eros_22 (A4), EtoileNova_23 (A3), Eurydice_22 (A4), Farber_24 (A3), Fernando_24 (A3), Florean_22 (A4), Flux_22 (A4), Fred313_22 (A3), Funston_22 (A4), Gadost_22 (A4), Gemma_24 (A3), GingkoMaracino_24 (A3), Giroux_23 (A3), Goose_22 (A10), Grif_24 (A3), Groupthink_25 (A3), Grub_24 (A3), Grum1_24 (A3), GtownJaz_24 (A3), Gwennie_23 (A3), HamSlice_21 (A4), Happiness_22 (A4), HashRod_25 (A3), HaveUMetTed_25 (A3), Heathen_22 (A3), HelDan_22 (A3), Heliosoles_24 (A3), Hercules11_24 (A3), Holli_22 (A4), Hookmount_23 (A3), Houdini22_22 (A4), Huxley_22 (A4), ICleared_22 (A4), Iceman_23 (A4), Idleandcovert_22 (A3), Iracema64_23 (A4), Isca_22 (A3), JF2_22 (A3), JF4_22 (A3), JHC117_24 (A3), Jaykayelowell_22 (A4), JenCasNa_24 (A3), JeppNRM_25 (A3), JetBlade_22 (A4), Jobu08_24 (A3), JoongJeon_22 (A4), Journey13_21 (A2), Jsquared_22 (A2), KADY_25 (A3), KFPoly_22 (A4), Kachowdy_22 (A3), Kalb97_25 (A3), Kalnoky_25 (A3), Kampy_22 (A4), Katalie136_22 (A4), KekoraPapaka_21 (A4), Kerberos_26 (A2), Kingmustik0402_22 (A4), KittenMittens_21 (A10), Koan_22 (A4), Koduck_23 (A2), Koreni_21 (A4), Kratark_22 (A4), Kremtemulon_22 (A4), Kristoff_23 (A10), Kyee_22 (A4), L5_23 (A2), LBerry_24 (A3), LHTSCC_23 (A4), Lambert1_23 (A3), LappelDuVide_22 (A4), LarryKay_24 (A3), Lemur_22 (A4), LeoAvram_22 (A4), Lilith_24 (A3), LittleB_22 (A4), LittleGuy_22 (A4), LochMonster_22 (A4), Lorenzo_22 (A4), Louie6_24 (A3), Lowa_24 (A3), LugYA_26 (A3), Lunsford_23 (A4), MA5_22 (A3), MK4_22 (A3), MadMarie_24 (A3), Mainiac_24 (A3), MajorMajor_22 (A2), Malinsilva_26 (A3), Manu_25 (A3), MarQuardt_24 (A3), Marchesa_22 (A3), Margo_23 (A3), Marie_24 (A3), Marius_25 (A3), Maverick_22 (A4), Maxo_22 (A4), Mayonnaise_22 (A4), Mazhar510_22 (A4), Medusa_22 (A4), MeeZee_22 (A4), Melvin_22 (A4), Methuselah_23 (A3), Microwolf_24 (A3), Millski_22 (A4), Miramae_22 (A4), Misomonster_26 (A3), MissWhite_23 (A2), MoneyMay_24 (A3), Montavir_23 (A3), Morpher26_22 (A4), Morrow_22 (A4), MuchMore_26 (A3), Mundrea_22 (A4), Naji_26 (A2), Nebs_22 (A4), Noella_23 (A3), Noelle_22 (A4), Norbert_22 (A3), NorthStar_22 (A4), NotAPhaseMom_22 (A4), Nyxis_22 (A4), OKCentral2016_22 (A10), OKaNui_23 (A4), Obama12_23 (A4), Odin_22 (A2), Ohfah_22 (A4), OlanP_24 (A3), Ollie_24 (A3), P28Green_24 (A3), PGHhamlin_26 (A3), Palestino_22 (A4), Panamaxus_22 (A3), Pawn_24 (A3), PeaceMeal1_21 (A10), Peaches_22 (A4), Pembroke_24 (A3), Penny1_24 (A3), Perplexer_22 (A4), PeterPeter_22 (A4), PetiteSangsue_22 (A4), Ph8s_24 (A2), Phacado_22 (A4), Phantastic_22 (A3), Phelipe_22 (A4), Phighter1804_22 (A4), PhishRPhriends_23 (A3), Phoebe_24 (A3), Phontbonne_22 (A4), Phoxy_24 (A3), Phranny_25 (A3), Pipcraft_22 (A4), Pistachio_23 (A3), Pocahontas_23 (A3), Polymorphads_22 (A4), Pomar16_26 (A2), Poompha_21 (A10), Popcicle_23 (A3), PotatoSplit_25 (A3), Pumbaa_22 (A4), Puppy_23 (A3),

PurpleHaze_24 (A3), QuinnKiro_22 (A3), Quokka_21 (A2), Reba_25 (A3), Rebeuca_23 (A10), Relief_22 (A4), ResDef_23 (A3), RhynO_23 (A10), RockieBear_21 (A4), Rockstar_22 (A3), Roimos_22 (A3), Romney_22 (A4), Roosevelt_22 (A4), Rosa24_21 (A4), Rowdy_25 (A10), Ruin_22 (A4), Rummer_24 (A3), Sabertooth_22 (A4), Sabia_24 (A3), Sabinator_24 (A3), SaturnRing_22 (A3), Scamp_22 (A4), Scout_22 (A3), SenorClean_22 (A4), Severus_21 (A10), Shaka_22 (A4), Shapes_25 (A10), SheldonCooper_23 (A4), Shygu2_22 (A4), Skipitt_22 (A4), Snickers_24 (A3), SoYo_24 (A3), SoilDragon_24 (A3), Soshari_26 (A3), Sparxx_22 (A4), Spike509_24 (A3), Spino_22 (A4), Stagni_24 (A3), StarStuff_26 (A2), Stasia_23 (A4), SteMason_21 (A4), StepMih_24 (A3), Stink_23 (A4), Sultana_22 (A4), Superchunk_22 (A2), SwirlSquare_25 (A2), TNguyen7_22 (A3), Taquarus_22 (A4), Taurus_24 (A3), Texage_22 (A3), Thanksgivukkah_22 (A4), Tiffany_24 (A3), TinaFeyge_22 (A4), TinyPebbles_24 (A3), Tinybot_21 (A4), TiroTheta9_22 (A4), Todacoro_23 (A3), Tomathan_26 (A2), Topanga_22 (A10), Travvers_26 (A2), Trike_20 (A10), TroyPia_22 (A4), Twister_22 (A10), TygerBlood_22 (A4), Ulysses_21 (A4), VC3_26 (A2), Veracruz_22 (A3), Vix_24 (A3), WalterMcMickey_22 (A10), Wander_22 (A4), Watson_24 (A3), Wilbur_22 (A4), Wile_22 (A4), Wizard007_22 (A4), Wooldri_26 (A3), Xena_22 (A4), YoSam321_22 (A4), Zarafa_22 (A3), Zetzy_23 (A3),

Start 21:
• Found in 305 of 718 (42.5%) of genes in pham
• Manual Annotations of this start: 235 of 625
• Called 92.8% of time when present
• Phage (with cluster) where this start called: 20ES_23 (A2), 40AC_26 (A17), AN3_23 (A2), AbbyPaige_25 (A2), Acolyte_23 (A2), Agape74_25 (A2), Aliter_24 (A9), Alma_24 (A9), Anaysia_25 (A15), Aneem_23 (A11), AnnaL29_26 (A2), Anon_23 (A15), Anselm_23 (A2), Anthony_22 (A20), ArcherNM_25 (A2), Arissanae_22 (A9), Artemis2UCLA_26 (A6), Astro_19 (A8), Attoomi_12 (singleton), Ayanochan_25 (A9), BABullseye_26 (A6), BabyBack_25 (A2), BabyJohn_21 (A3), Bachome_23 (A11), Bactobuster_24 (A2), Baehexic_24 (A2), Battleship_26 (A15), Beemo_24 (A9), Bellris_21 (A9), BengiVuitton_24 (A2), BennyP_26 (A6), Benvolio_23 (A2), BiancaTri92_25 (A2), BlessJoy_26 (A6), Blinn1_26 (A6), Blue7_26 (A6), BobSwaget_26 (A2), BogosyJay_24 (A9), Boohoo_25 (A15), Bowtie_23 (A11), Bud_23 (A11), Bugsy_25 (A2), CRB1_23 (A2), Caitlin_18 (A8), Candra_26 (A6), Catalina_24 (A9), Celestialunch_23 (A9), Centaur_25 (A2), Changeling_26 (A2), Chargerpower_23 (A22), Charm_23 (A9), Chartreuse_26 (A6), ChipMunk_25 (A2), Chiqui_21 (A3), CloudWang3_26 (A6), CogOmlette_21 (A9), Colin_27 (A2), Conquerage_24 (A9), Cookiedough_26 (A6), Crucio_23 (A2), DaVinci_26 (A6), Dalmatian_23 (A2), Danforth_18 (A8), Darrell_25 (A9), DarthPhader_24 (A12), DeerParkTS_24 (A2), DekHockey33_25 (A15), Deloris_24 (A2), DelvinSonDorr_25 (A6), Dignity_25 (A2), Dixon_19 (A8), Dorothea_26 (A6), Drake55_25 (A2), DreamTeam1_23 (A9), DroogsArmy_23 (A7), DudeLittle_23 (A2), EZMoney23_27 (A2), EagleEye_25 (A16), Ebony_23 (A11), Echild_23 (A2), EdogawaKiddo_22 (A9), Eidsmoe_24 (A9), Elephantoon_24 (A9), Elle_23 (A15), EmyBug_24 (A9), Epsocamisio_25 (A15), Equemioh13_25 (A2), EricB_26 (A6), Et2Brutus_22 (A11), EvilGenius_25 (A2), Expelliarmus_18 (A8), ExplosioNervosa_24 (A9), Fameo_23 (A2), FatCactus_21 (A20), Fayely_24 (A9), Fibonacci_23 (A11), FiringLine_23 (A2), First_0023 (A2), Flare16_23 (A2), Flaverint_23 (A11), FlyCatcher_26 (A7), ForesterFrank_24 (A2), Garak_27 (A6), GaugeLDP_25 (A2), Georgie2_24 (A2), Gilberta_23 (A11), Gladiator_26 (A6), Gratitude_24 (A2), GreedyLawyer_26 (A6), Groundhog_18 (A8), Gruunaga_26 (A6), HINdeR_22 (A7), Hammer_26 (A6), Hanray_23 (A9), HarryHoudini_25 (A2), Heffalump_25 (A2), Helmet_26 (A6),

Herbertwm_20 (A2), Hexamo_26 (A6), HippoHollow_24 (A2), Holex_23 (A9), Hoot_26 (A6), HortumSL17_24 (A9), Hutc2_23 (A11), Indra_26 (A6), Insomnia_23 (A11), Isiphiwo_26 (A6), Iwokeuplikedis_24 (A2), JSwag_25 (A15), Jabith_23 (A11), Jeffabunny_26 (A6), Jerm_25 (A2), JewelBug_26 (A6), Jiawan_23 (A9), Jordennis_26 (A6), Joselito_23 (A11), JoshKayV_25 (A2), Kalpine_26 (A2), KatherineG_25 (A15), Kazan_26 (A6), Keziacharles14_22 (A9), Kimba_23 (A11), Kimona_19 (A19), KingCyrus_25 (A2), Kinmap_22 (A21), Kipper29_26 (A6), Klodlith_23 (A9), Koko_26 (A6), LadyBird_23 (A2), Larenn_24 (A2), LastResort_25 (A15), Leogania_25 (A2), Leviathan_25 (A2), LilTurb_25 (A2), Lilbunny_26 (A6), Lilleskat_22 (A9), LionsBait_24 (A2), Lokk_26 (A2), LoneWolf_24 (A9), Looper_26 (A15), Loser_26 (A2), Luchador_24 (A14), Lucivia_23 (A11), Lucyedi_24 (A16), MaCh_23 (A11), Mabel_23 (A11), Malec_24 (A2), Maminiaina_24 (A9), McFly_26 (A6), MegTheThird_22 (A9), MiculUcigas_23 (A2), Miko_26 (A2), MinecraftSteve_26 (A15), Minispark_21 (A9), Mulciber_23 (A11), Munch_23 (A11), MyraDee_20 (A18), Myxus_24 (A9), NaSiaTalie_23 (A2), NearlyHeadless_19 (A8), Nebulosus_25 (A15), Nedarya_24 (A15), Neeharika16_26 (A6), Newrala_26 (A6), NicoleTera_27 (A2), NothingSpecial_25 (A2), Onglai_23 (A9), Oofda_25 (A15), Orange_23 (A11), PP_32 (A7), PackMan_24 (A9), PainterBoy_24 (A16), Petersenfast_22 (A11), Phaeder_24 (A9), Pharaoh_23 (A12), Phillis_19 (A8), Phonnegut_24 (A9), Pioneer_24 (A9), Piro94_24 (A2), Pmask_26 (A6), Polyphemus_26 (A6), Power_23 (A2), Priamo_26 (A6), Priya_24 (A9), Prudy_25 (A2), Pukovnik_25 (A2), Qobbit_24 (A9), QueenB2_23 (A2), QueenBeesly_23 (A2), Rachaly_26 (A2), Rahalelujah_22 (A9), Ravana_26 (A15), ReMo_25 (A15), RedRock_26 (A2), Refuge_26 (A12), Remus_25 (A15), Retro23_23 (A2), Rifter_26 (A6), Roksolana_26 (A6), Rosalind_25 (A15), RyeScarlet_25 (A9), Sachima_22 (A9), Saintus_19 (A8), Salz_23 (A11), Saskia_22 (A11), Scherzo_24 (A9), SemperFi_25 (A2), Serenity_22 (A2), Sham4_23 (A11), ShayRa_26 (A15), SheaKeira_23 (A9), Sheen_24 (A7), Sknot_23 (A2), Smeadley_19 (A8), Smeagan_25 (A2), SmellyB_26 (A6), SnapTap_23 (A2), Snape_23 (A11), Soups_25 (A15), Spouty_24 (A9), Steamy_24 (A12), Stephig9_19 (A8), Strosahl_25 (A15), Sunhee_21 (A14), SuperAwesome_26 (A6), SuperCallie99_26 (A6), SweetiePie_23 (A2), Switzerland_25 (A15), TarsusIV_23 (A2), Temprado_26 (A6), Terrific_27 (A2), Timothy_23 (A11), Timshel_23 (A7), TinyTimmy_23 (A11), TipsytheTRex_22 (A2), Toaka_22 (A9), ToneTone_24 (A6), Toro_25 (A7), Trixie_26 (A2), Trooper_23 (A2), Tubs_24 (A9), Tucker_26 (A6), Turbido_25 (A2), Ugenie5_21 (A9), Updawg_25 (A2), VA6_23 (A2), Vanisoa_22 (A9), VohminGhazi_26 (A6), Waits_25 (A15), Warrior24_25 (A15), WeiHuaDA_29 (A2), Whabigail7_25 (A2), WideWale_25 (A2), Wiks_26 (A6), Wolpertinger_22 (A11), WorldCup_21 (A9), WunderPhul_26 (A6), XianYue_23 (A2), Yecey3_23 (A9), Yokurt_26 (A6), Zaka_26 (A6), Zimmer_25 (A12), Zulu_26 (A6),

Start 24:
• Found in 302 of 718 (42.1%) of genes in pham
• Manual Annotations of this start: 2 of 625
• Called 0.7% of time when present
• Phage (with cluster) where this start called: Bonamassa_19 (A5), Nemo27_22 (A4),

Start 25:
• Found in 556 of 718 (77.4%) of genes in pham
• Manual Annotations of this start: 1 of 625
• Called 0.4% of time when present
• Phage (with cluster) where this start called: Cintron_22 (A4), Tailonex_19 (singleton),

Start 27:
• Found in 16 of 718 (2.2%) of genes in pham
• Manual Annotations of this start: 10 of 625
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alsaber_16 (BD3), Celery_18 (BD3), Conan_16 (BD3), Dexers_14 (BD3), ElGato_16 (BD3), Jhitchelle_15 (BD3), Kaine_15 (BD3), Pavo_16 (BD3), Provolone_16 (BD3), Saftant_15 (BD3), Speedwell_20 (BD3), Sudan_16 (BD3), Vanseggelen_19 (BD3), Verabelle_16 (BD3), Yosif_16 (BD3), ZamZam_18 (BD3),

Summary by clusters:

There are 23 clusters represented in this pham: singleton, A15, A14, A17, A16, A11, A10, A12, A19, A18, A3, A2, A5, A4, A7, A6, A9, A8, BD3, CA, A20, A21, A22,

Info for manual annotations of cluster A10:
•Start number 20 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 21 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 21 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 18 was manually annotated 3 times for cluster A14.
•Start number 21 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A15:
•Start number 21 was manually annotated 23 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 21 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:
•Start number 21 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 21 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 19 was manually annotated 5 times for cluster A2.
•Start number 20 was manually annotated 22 times for cluster A2.
•Start number 21 was manually annotated 77 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 21 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:
•Start number 21 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:
•Start number 20 was manually annotated 116 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 20 was manually annotated 139 times for cluster A4.
•Start number 24 was manually annotated 1 time for cluster A4.
•Start number 25 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:
•Start number 3 was manually annotated 37 times for cluster A5.
•Start number 24 was manually annotated 1 time for cluster A5.

Info for manual annotations of cluster A6:
•Start number 21 was manually annotated 47 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 21 was manually annotated 5 times for cluster A7.

Info for manual annotations of cluster A8:
•Start number 17 was manually annotated 1 time for cluster A8.
•Start number 21 was manually annotated 10 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 21 was manually annotated 35 times for cluster A9.

Info for manual annotations of cluster BD3:
•Start number 27 was manually annotated 10 times for cluster BD3.

Info for manual annotations of cluster CA:
•Start number 2 was manually annotated 36 times for cluster CA.

Gene Information:

Gene: 20ES_23 Start: 15114, Stop: 15710, Start Num: 21
Candidate Starts for 20ES_23:
(Start: 21 @15114 has 235 MA's), (Start: 25 @15138 has 1 MA's), (29, 15159), (46, 15327), (53, 15399), (55, 15420), (60, 15468), (61, 15477), (69, 15513), (72, 15534), (76, 15567),

Gene: 40AC_26 Start: 17135, Stop: 17728, Start Num: 21
Candidate Starts for 40AC_26:
(Start: 21 @17135 has 235 MA's), (Start: 25 @17159 has 1 MA's), (29, 17180), (52, 17414), (60, 17486), (69, 17531), (82, 17639),

Gene: ACFishhook_24 Start: 14628, Stop: 15224, Start Num: 20
Candidate Starts for ACFishhook_24:
(Start: 20 @14628 has 294 MA's), (Start: 25 @14652 has 1 MA's), (29, 14673), (31, 14688), (45, 14799), (60, 14976), (70, 15030), (71, 15036), (76, 15081),

Gene: AN3_23 Start: 15104, Stop: 15694, Start Num: 21
Candidate Starts for AN3_23:

(Start: 21 @15104 has 235 MA's), (Start: 25 @15128 has 1 MA's), (29, 15149), (42, 15245), (46, 15317), (53, 15389), (55, 15410), (61, 15467), (67, 15497), (70, 15506), (72, 15524), (76, 15557), (82, 15611), (95, 15671),

Gene: AN9_26 Start: 15076, Stop: 15669, Start Num: 20
Candidate Starts for AN9_26:
(Start: 20 @15076 has 294 MA's), (Start: 25 @15100 has 1 MA's), (29, 15121), (40, 15205), (51, 15349), (60, 15424), (61, 15433), (70, 15472), (72, 15490),

Gene: ANI8_26 Start: 15076, Stop: 15669, Start Num: 20
Candidate Starts for ANI8_26:
(Start: 20 @15076 has 294 MA's), (Start: 25 @15100 has 1 MA's), (29, 15121), (40, 15205), (51, 15349), (60, 15424), (61, 15433), (70, 15472), (72, 15490),

Gene: AbbyPaige_25 Start: 15596, Stop: 16186, Start Num: 21
Candidate Starts for AbbyPaige_25:
(Start: 21 @15596 has 235 MA's), (Start: 25 @15620 has 1 MA's), (29, 15641), (46, 15809), (50, 15872), (53, 15881), (60, 15950), (61, 15959), (67, 15989), (72, 16016), (76, 16049), (82, 16103),

Gene: AbbysRanger_22 Start: 14414, Stop: 15001, Start Num: 20
Candidate Starts for AbbysRanger_22:
(Start: 20 @14414 has 294 MA's), (Start: 24 @14435 has 2 MA's), (Start: 25 @14438 has 1 MA's), (31, 14474), (45, 14591), (72, 14837), (76, 14870), (79, 14900),

Gene: Abdiel_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Abdiel_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Achebe_22 Start: 14390, Stop: 14977, Start Num: 20
Candidate Starts for Achebe_22:
(Start: 20 @14390 has 294 MA's), (Start: 24 @14411 has 2 MA's), (Start: 25 @14414 has 1 MA's), (31, 14450), (45, 14567), (59, 14735), (72, 14813), (76, 14846), (79, 14876),

Gene: Acolyte_23 Start: 15244, Stop: 15834, Start Num: 21
Candidate Starts for Acolyte_23:
(Start: 21 @15244 has 235 MA's), (Start: 25 @15268 has 1 MA's), (29, 15289), (52, 15523), (60, 15595), (61, 15604), (70, 15643), (82, 15748), (97, 15817),

Gene: Adzzy_24 Start: 13833, Stop: 14426, Start Num: 20
Candidate Starts for Adzzy_24:
(Start: 20 @13833 has 294 MA's), (Start: 24 @13854 has 2 MA's), (Start: 25 @13857 has 1 MA's), (29, 13878), (50, 14106), (60, 14184), (61, 14193), (67, 14223), (69, 14229), (72, 14250), (82, 14337),

Gene: Agape74_25 Start: 15572, Stop: 16162, Start Num: 21
Candidate Starts for Agape74_25:
(5, 15359), (Start: 21 @15572 has 235 MA's), (Start: 25 @15596 has 1 MA's), (29, 15617), (46, 15785), (50, 15848), (53, 15857), (60, 15926), (61, 15935), (67, 15965), (72, 15992), (76, 16025), (82, 16079),

Gene: AgentM_19 Start: 13583, Stop: 14410, Start Num: 3
Candidate Starts for AgentM_19:
(Start: 3 @13583 has 37 MA's), (8, 13712), (Start: 24 @13844 has 2 MA's), (26, 13850), (30, 13883), (33, 13916), (38, 13946), (45, 14006), (52, 14111), (60, 14183), (71, 14240), (86, 14360),

Gene: Aglet_24 Start: 14474, Stop: 15070, Start Num: 20
Candidate Starts for Aglet_24:
(Start: 20 @14474 has 294 MA's), (Start: 25 @14498 has 1 MA's), (29, 14519), (31, 14534), (45, 14645), (60, 14822), (71, 14882), (76, 14927),

Gene: AgronaGT15_24 Start: 14381, Stop: 14977, Start Num: 20
Candidate Starts for AgronaGT15_24:
(Start: 20 @14381 has 294 MA's), (Start: 25 @14405 has 1 MA's), (29, 14426), (31, 14441), (45, 14552), (60, 14729), (71, 14789), (76, 14834),

Gene: Airmid_19 Start: 13347, Stop: 14177, Start Num: 3
Candidate Starts for Airmid_19:
(Start: 3 @13347 has 37 MA's), (8, 13476), (12, 13530), (Start: 24 @13608 has 2 MA's), (26, 13614), (29, 13641), (32, 13674), (33, 13680), (35, 13686), (38, 13713), (45, 13773), (52, 13878), (60, 13950), (61, 13959), (69, 13998), (71, 14007), (86, 14127),

Gene: Alatin_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Alatin_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Albee_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Albee_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Alberto7_23 Start: 14690, Stop: 15280, Start Num: 20
Candidate Starts for Alberto7_23:
(Start: 20 @14690 has 294 MA's), (Start: 24 @14711 has 2 MA's), (Start: 25 @14714 has 1 MA's), (45, 14861), (69, 15086), (76, 15140), (79, 15170),

Gene: Aliter_24 Start: 15828, Stop: 16424, Start Num: 21
Candidate Starts for Aliter_24:
(Start: 21 @15828 has 235 MA's), (Start: 25 @15852 has 1 MA's), (29, 15873), (61, 16191), (76, 16284), (95, 16398), (97, 16407),

Gene: Alma_24 Start: 15907, Stop: 16503, Start Num: 21
Candidate Starts for Alma_24:
(Start: 21 @15907 has 235 MA's), (Start: 25 @15931 has 1 MA's), (29, 15952), (30, 15958), (61, 16270), (70, 16312), (76, 16363), (88, 16450), (95, 16477), (97, 16486),

Gene: Alpacados_17 Start: 10308, Stop: 11171, Start Num: 2
Candidate Starts for Alpacados_17:
(1, 10245), (Start: 2 @10308 has 36 MA's), (29, 10614), (50, 10866), (52, 10872), (59, 10935), (61, 10953), (69, 10995), (82, 11103),

Gene: Alsaber_16 Start: 10156, Stop: 10719, Start Num: 27
Candidate Starts for Alsaber_16:
(Start: 27 @10156 has 10 MA's), (50, 10390), (71, 10528), (85, 10645),

Gene: Anaysia_25 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for Anaysia_25:

(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Aneem_23 Start: 15633, Stop: 16253, Start Num: 21
Candidate Starts for Aneem_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: AngryOrchard_17 Start: 10291, Stop: 11154, Start Num: 2
Candidate Starts for AngryOrchard_17:
(1, 10228), (Start: 2 @10291 has 36 MA's), (22, 10546), (29, 10597), (50, 10849), (52, 10855), (59, 10918), (61, 10936), (69, 10978), (82, 11086),

Gene: AnnaL29_26 Start: 16955, Stop: 17551, Start Num: 21
Candidate Starts for AnnaL29_26:
(Start: 21 @16955 has 235 MA's), (Start: 25 @16979 has 1 MA's), (29, 17000), (46, 17165), (50, 17228), (60, 17306), (61, 17315), (70, 17354), (72, 17372), (82, 17459),

Gene: Annyong_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for Annyong_22:
(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: Anon_23 Start: 14538, Stop: 15125, Start Num: 21
Candidate Starts for Anon_23:
(Start: 21 @14538 has 235 MA's), (Start: 24 @14559 has 2 MA's), (Start: 25 @14562 has 1 MA's), (29, 14583), (45, 14712), (52, 14817), (91, 15084),

Gene: Anselm_23 Start: 15205, Stop: 15789, Start Num: 21
Candidate Starts for Anselm_23:
(Start: 21 @15205 has 235 MA's), (Start: 25 @15229 has 1 MA's), (29, 15250), (60, 15559), (61, 15568), (67, 15598), (72, 15625), (76, 15658), (82, 15712),

Gene: Anthony_22 Start: 13235, Stop: 13828, Start Num: 21
Candidate Starts for Anthony_22:
(Start: 21 @13235 has 235 MA's), (Start: 24 @13256 has 2 MA's), (Start: 25 @13259 has 1 MA's), (52, 13514), (60, 13586), (63, 13613), (76, 13688), (82, 13742), (97, 13811), (98, 13817),

Gene: Anubis_26 Start: 14359, Stop: 14955, Start Num: 20
Candidate Starts for Anubis_26:
(Start: 20 @14359 has 294 MA's), (Start: 25 @14383 has 1 MA's), (29, 14404), (31, 14419), (45, 14530), (60, 14707), (71, 14767), (76, 14812),

Gene: AppleCloud_16 Start: 10031, Stop: 10888, Start Num: 2
Candidate Starts for AppleCloud_16:
(1, 9968), (Start: 2 @10031 has 36 MA's), (15, 10253), (29, 10337), (50, 10583), (52, 10589), (59, 10652), (61, 10670), (69, 10712), (82, 10820),

Gene: Aragog_19 Start: 13613, Stop: 14440, Start Num: 3
Candidate Starts for Aragog_19:
(Start: 3 @13613 has 37 MA's), (8, 13742), (Start: 24 @13874 has 2 MA's), (26, 13880), (30, 13913), (33, 13946), (38, 13976), (45, 14036), (52, 14141), (60, 14213), (71, 14270), (86, 14390),

Gene: ArcherNM_25 Start: 16899, Stop: 17492, Start Num: 21
Candidate Starts for ArcherNM_25:
(Start: 21 @16899 has 235 MA's), (Start: 24 @16920 has 2 MA's), (Start: 25 @16923 has 1 MA's), (29, 16944), (50, 17172), (60, 17250), (61, 17259), (67, 17289), (70, 17298), (82, 17403), (97, 17472),

Gene: Archetta_19 Start: 13326, Stop: 14153, Start Num: 3
Candidate Starts for Archetta_19:
(Start: 3 @13326 has 37 MA's), (8, 13455), (Start: 24 @13587 has 2 MA's), (26, 13593), (30, 13626), (33, 13659), (38, 13689), (45, 13749), (52, 13854), (60, 13926), (71, 13983), (86, 14103),

Gene: Arissanae_22 Start: 13995, Stop: 14591, Start Num: 21
Candidate Starts for Arissanae_22:
(Start: 21 @13995 has 235 MA's), (Start: 25 @14019 has 1 MA's), (29, 14040), (30, 14046), (52, 14277), (67, 14391), (69, 14397), (76, 14451), (95, 14565), (97, 14574),

Gene: Artemis2UCLA_26 Start: 15093, Stop: 15695, Start Num: 21
Candidate Starts for Artemis2UCLA_26:
(Start: 21 @15093 has 235 MA's), (Start: 25 @15117 has 1 MA's), (44, 15246), (45, 15270), (61, 15456), (69, 15492), (71, 15501), (72, 15513), (78, 15570),

Gene: Arturo_21 Start: 14499, Stop: 15089, Start Num: 20
Candidate Starts for Arturo_21:
(Start: 20 @14499 has 294 MA's), (Start: 24 @14520 has 2 MA's), (Start: 25 @14523 has 1 MA's), (45, 14670), (69, 14895), (76, 14949), (79, 14979),

Gene: Astro_19 Start: 13039, Stop: 13641, Start Num: 21
Candidate Starts for Astro_19:
(Start: 17 @13033 has 1 MA's), (Start: 21 @13039 has 235 MA's), (45, 13213), (46, 13249), (47, 13285), (50, 13315), (61, 13402), (62, 13417), (70, 13444), (76, 13495), (79, 13525),

Gene: Attoomi_12 Start: 7986, Stop: 8552, Start Num: 21
Candidate Starts for Attoomi_12:
(Start: 21 @7986 has 235 MA's), (30, 8037), (50, 8229), (57, 8271), (65, 8346), (77, 8433), (78, 8439), (80, 8457), (90, 8511),

Gene: AugsMagnumOpus_26 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for AugsMagnumOpus_26:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: AvatarAhPeg_23 Start: 14678, Stop: 15265, Start Num: 20
Candidate Starts for AvatarAhPeg_23:
(Start: 20 @14678 has 294 MA's), (Start: 24 @14699 has 2 MA's), (Start: 25 @14702 has 1 MA's), (31, 14738), (45, 14855), (72, 15101), (76, 15134), (79, 15164),

Gene: Avle17_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Avle17_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Ayanochan_25 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for Ayanochan_25:

(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (34, 16020), (61, 16296), (70, 16338), (76, 16389), (95, 16503), (97, 16512),

Gene: B1_20 Start: 13644, Stop: 14255, Start Num: 20
Candidate Starts for B1_20:
(Start: 20 @13644 has 294 MA's), (Start: 24 @13665 has 2 MA's), (Start: 25 @13668 has 1 MA's), (29, 13689), (31, 13704), (45, 13821), (70, 14049),

Gene: BABullseye_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for BABullseye_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: Baby16_22 Start: 14397, Stop: 14987, Start Num: 20
Candidate Starts for Baby16_22:
(Start: 20 @14397 has 294 MA's), (Start: 24 @14418 has 2 MA's), (Start: 25 @14421 has 1 MA's), (45, 14568), (69, 14793), (76, 14847), (79, 14877),

Gene: BabyBack_25 Start: 16719, Stop: 17306, Start Num: 21
Candidate Starts for BabyBack_25:
(Start: 21 @16719 has 235 MA's), (Start: 25 @16743 has 1 MA's), (29, 16764), (34, 16806), (60, 17070), (70, 17118), (72, 17136), (82, 17223), (97, 17292),

Gene: BabyJohn_21 Start: 14233, Stop: 14844, Start Num: 21
Candidate Starts for BabyJohn_21:
(Start: 21 @14233 has 235 MA's), (Start: 24 @14254 has 2 MA's), (Start: 25 @14257 has 1 MA's), (29, 14278), (31, 14293), (45, 14410), (70, 14638), (76, 14689),

Gene: BabyRay_22 Start: 14238, Stop: 14825, Start Num: 20
Candidate Starts for BabyRay_22:
(13, 14199), (Start: 20 @14238 has 294 MA's), (Start: 24 @14259 has 2 MA's), (Start: 25 @14262 has 1 MA's), (29, 14283), (31, 14298), (45, 14409), (70, 14637), (76, 14688), (79, 14718), (82, 14742),

Gene: Bachome_23 Start: 15630, Stop: 16244, Start Num: 21
Candidate Starts for Bachome_23:
(Start: 21 @15630 has 235 MA's), (23, 15636), (29, 15675), (37, 15735), (46, 15843), (50, 15906), (52, 15912), (60, 15984), (76, 16083),

Gene: Backyardigan_22 Start: 14402, Stop: 14989, Start Num: 20
Candidate Starts for Backyardigan_22:
(Start: 20 @14402 has 294 MA's), (Start: 24 @14423 has 2 MA's), (Start: 25 @14426 has 1 MA's), (31, 14462), (45, 14579), (59, 14747), (72, 14825), (76, 14858), (79, 14888),

Gene: Bactobuster_24 Start: 16847, Stop: 17437, Start Num: 21
Candidate Starts for Bactobuster_24:
(Start: 21 @16847 has 235 MA's), (Start: 25 @16871 has 1 MA's), (29, 16892), (50, 17120), (52, 17126), (61, 17207), (70, 17246), (82, 17351), (95, 17411),

Gene: Badger_22 Start: 14391, Stop: 14978, Start Num: 20
Candidate Starts for Badger_22:
(Start: 20 @14391 has 294 MA's), (Start: 24 @14412 has 2 MA's), (Start: 25 @14415 has 1 MA's), (31, 14451), (45, 14568), (59, 14736), (72, 14814), (76, 14847), (79, 14877),

Gene: Baehexic_24 Start: 15611, Stop: 16201, Start Num: 21
Candidate Starts for Baehexic_24:
(Start: 21 @15611 has 235 MA's), (Start: 25 @15635 has 1 MA's), (29, 15656), (50, 15887), (60, 15965), (61, 15974), (72, 16031), (82, 16118), (95, 16178),

Gene: BangNhom_22 Start: 14700, Stop: 15290, Start Num: 20
Candidate Starts for BangNhom_22:
(Start: 20 @14700 has 294 MA's), (Start: 24 @14721 has 2 MA's), (Start: 25 @14724 has 1 MA's), (45, 14871), (69, 15096), (76, 15150), (79, 15180),

Gene: Bartimeaus_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Bartimeaus_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Battleship_26 Start: 14347, Stop: 14949, Start Num: 21
Candidate Starts for Battleship_26:
(Start: 21 @14347 has 235 MA's), (Start: 24 @14368 has 2 MA's), (28, 14383), (29, 14392), (45, 14521), (46, 14557),

Gene: Beauxregard13_24 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for Beauxregard13_24:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: Beemo_24 Start: 15934, Stop: 16530, Start Num: 21
Candidate Starts for Beemo_24:
(Start: 21 @15934 has 235 MA's), (Start: 25 @15958 has 1 MA's), (29, 15979), (34, 16021), (61, 16297), (70, 16339), (76, 16390), (95, 16504), (97, 16513),

Gene: Belenaria_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Belenaria_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Bellris_21 Start: 13967, Stop: 14563, Start Num: 21
Candidate Starts for Bellris_21:
(Start: 21 @13967 has 235 MA's), (Start: 25 @13991 has 1 MA's), (29, 14012), (30, 14018), (67, 14363), (70, 14372), (71, 14378), (76, 14423), (95, 14537), (97, 14546),

Gene: BellusTerra_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for BellusTerra_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Benedict_19 Start: 13350, Stop: 14180, Start Num: 3
Candidate Starts for Benedict_19:
(Start: 3 @13350 has 37 MA's), (8, 13479), (12, 13533), (Start: 24 @13611 has 2 MA's), (26, 13617), (29, 13644), (32, 13677), (33, 13683), (35, 13689), (38, 13716), (45, 13776), (52, 13881), (60, 13953), (61, 13962), (69, 14001), (71, 14010), (86, 14130),

Gene: BengiVuitton_24 Start: 15520, Stop: 16110, Start Num: 21
Candidate Starts for BengiVuitton_24:

(Start: 21 @15520 has 235 MA's), (Start: 25 @15544 has 1 MA's), (29, 15565), (60, 15871), (61, 15880), (67, 15910), (72, 15937), (76, 15970), (82, 16024),

Gene: BennyP_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for BennyP_26:
(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (45, 15386), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: Benvolio_23 Start: 15194, Stop: 15787, Start Num: 21
Candidate Starts for Benvolio_23:
(Start: 21 @15194 has 235 MA's), (Start: 25 @15218 has 1 MA's), (29, 15239), (46, 15407), (50, 15470), (53, 15479), (61, 15557), (67, 15587), (72, 15614), (76, 15647),

Gene: BiancaTri92_25 Start: 16885, Stop: 17475, Start Num: 21
Candidate Starts for BiancaTri92_25:
(Start: 21 @16885 has 235 MA's), (Start: 25 @16909 has 1 MA's), (29, 16930), (46, 17095), (50, 17158), (53, 17167), (61, 17245), (70, 17284), (72, 17302), (76, 17335), (82, 17389), (95, 17449), (97, 17458),

Gene: Bigflo_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Bigflo_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Blackmoor_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Blackmoor_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: BlessJoy_26 Start: 15191, Stop: 15793, Start Num: 21
Candidate Starts for BlessJoy_26:
(Start: 21 @15191 has 235 MA's), (Start: 25 @15215 has 1 MA's), (44, 15344), (45, 15368), (46, 15404), (61, 15554), (69, 15590), (71, 15599), (72, 15611), (78, 15668),

Gene: Blinn1_26 Start: 15249, Stop: 15851, Start Num: 21
Candidate Starts for Blinn1_26:
(Start: 21 @15249 has 235 MA's), (Start: 25 @15273 has 1 MA's), (45, 15426), (61, 15612), (69, 15648), (71, 15657), (72, 15669), (78, 15726),

Gene: Blue7_26 Start: 15183, Stop: 15785, Start Num: 21
Candidate Starts for Blue7_26:
(Start: 21 @15183 has 235 MA's), (Start: 25 @15207 has 1 MA's), (44, 15336), (45, 15360), (61, 15546), (69, 15582), (71, 15591), (72, 15603), (78, 15660),

Gene: BlueBird_23 Start: 13992, Stop: 14576, Start Num: 20
Candidate Starts for BlueBird_23:
(13, 13953), (Start: 20 @13992 has 294 MA's), (Start: 24 @14013 has 2 MA's), (Start: 25 @14016 has 1 MA's), (29, 14037), (31, 14052), (45, 14163), (47, 14235), (70, 14391), (76, 14442), (79, 14472), (82, 14496),

Gene: Bluefalcon_18 Start: 13583, Stop: 14410, Start Num: 3
Candidate Starts for Bluefalcon_18:

(Start: 3 @13583 has 37 MA's), (8, 13712), (Start: 24 @13844 has 2 MA's), (26, 13850), (30, 13883), (33, 13916), (38, 13946), (45, 14006), (52, 14111), (60, 14183), (71, 14240), (86, 14360),

Gene: BobSwaget_26 Start: 16738, Stop: 17319, Start Num: 21
Candidate Starts for BobSwaget_26:
(Start: 21 @16738 has 235 MA's), (Start: 25 @16762 has 1 MA's), (29, 16783), (34, 16825), (50, 17011), (60, 17089), (61, 17098), (70, 17137), (82, 17242), (95, 17302),

Gene: BobbyDazzler_18 Start: 10417, Stop: 11280, Start Num: 2
Candidate Starts for BobbyDazzler_18:
(1, 10354), (Start: 2 @10417 has 36 MA's), (29, 10723), (50, 10975), (52, 10981), (59, 11044), (61, 11062), (69, 11104), (82, 11212),

Gene: BogosyJay_24 Start: 15651, Stop: 16247, Start Num: 21
Candidate Starts for BogosyJay_24:
(Start: 21 @15651 has 235 MA's), (Start: 25 @15675 has 1 MA's), (61, 16014), (70, 16056), (71, 16062), (76, 16107),

Gene: Bombshell_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Bombshell_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Bonamassa_19 Start: 13769, Stop: 14335, Start Num: 24
Candidate Starts for Bonamassa_19:
(Start: 3 @13508 has 37 MA's), (8, 13637), (Start: 24 @13769 has 2 MA's), (26, 13775), (30, 13808), (33, 13841), (38, 13871), (45, 13931), (52, 14036), (60, 14108), (71, 14165), (86, 14285),

Gene: Bonanza_18 Start: 10346, Stop: 11209, Start Num: 2
Candidate Starts for Bonanza_18:
(1, 10283), (Start: 2 @10346 has 36 MA's), (29, 10652), (50, 10904), (52, 10910), (59, 10973), (61, 10991), (69, 11033), (82, 11141),

Gene: Boohoo_25 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for Boohoo_25:
(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Bowtie_23 Start: 15633, Stop: 16253, Start Num: 21
Candidate Starts for Bowtie_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: Bradman_22 Start: 14011, Stop: 14601, Start Num: 20
Candidate Starts for Bradman_22:
(Start: 20 @14011 has 294 MA's), (Start: 25 @14035 has 1 MA's), (29, 14056), (34, 14098), (50, 14284), (60, 14362), (61, 14371), (67, 14401), (70, 14410), (72, 14428),

Gene: Bradshaw_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Bradshaw_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: BreSam8_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for BreSam8_24:
(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: Broseidon_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Broseidon_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Bruiser_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Bruiser_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Bryce_18 Start: 10346, Stop: 11209, Start Num: 2
Candidate Starts for Bryce_18:
(1, 10283), (Start: 2 @10346 has 36 MA's), (29, 10652), (50, 10904), (52, 10910), (59, 10973), (61, 10991), (69, 11033), (82, 11141),

Gene: BubbleTrouble_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for BubbleTrouble_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Bud_23 Start: 15639, Stop: 16259, Start Num: 21
Candidate Starts for Bud_23:
(Start: 21 @15639 has 235 MA's), (23, 15645), (29, 15684), (37, 15744), (46, 15852), (50, 15915), (52, 15921), (60, 15993), (76, 16092),

Gene: Bugatti_22 Start: 13992, Stop: 14576, Start Num: 20
Candidate Starts for Bugatti_22:
(13, 13953), (Start: 20 @13992 has 294 MA's), (Start: 24 @14013 has 2 MA's), (Start: 25 @14016 has 1 MA's), (29, 14037), (31, 14052), (45, 14163), (47, 14235), (70, 14391), (76, 14442), (79, 14472), (82, 14496),

Gene: Bugsy_25 Start: 15595, Stop: 16185, Start Num: 21
Candidate Starts for Bugsy_25:
(Start: 21 @15595 has 235 MA's), (Start: 25 @15619 has 1 MA's), (29, 15640), (46, 15808), (50, 15871), (53, 15880), (60, 15949), (61, 15958), (67, 15988), (72, 16015), (76, 16048), (82, 16102),

Gene: Bumblebee11_22 Start: 14396, Stop: 14983, Start Num: 20
Candidate Starts for Bumblebee11_22:
(Start: 20 @14396 has 294 MA's), (Start: 24 @14417 has 2 MA's), (Start: 25 @14420 has 1 MA's), (31, 14456), (45, 14573), (69, 14798), (72, 14819), (76, 14852), (79, 14882),

Gene: Burger_21 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Burger_21:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: BuzzBuzz_23 Start: 14557, Stop: 15153, Start Num: 20
Candidate Starts for BuzzBuzz_23:

(Start: 20 @14557 has 294 MA's), (Start: 25 @14581 has 1 MA's), (29, 14602), (31, 14617), (45, 14728), (60, 14905), (71, 14965), (76, 15010),

Gene: Bxz2_23 Start: 14567, Stop: 15163, Start Num: 20
Candidate Starts for Bxz2_23:
(Start: 20 @14567 has 294 MA's), (Start: 25 @14591 has 1 MA's), (29, 14612), (31, 14627), (45, 14738), (60, 14915), (71, 14975), (76, 15020),

Gene: C3_21 Start: 15076, Stop: 15669, Start Num: 20
Candidate Starts for C3_21:
(Start: 20 @15076 has 294 MA's), (Start: 25 @15100 has 1 MA's), (29, 15121), (40, 15205), (51, 15349), (60, 15424), (61, 15433), (70, 15472), (72, 15490),

Gene: CRB1_23 Start: 15086, Stop: 15673, Start Num: 21
Candidate Starts for CRB1_23:
(Start: 21 @15086 has 235 MA's), (Start: 25 @15110 has 1 MA's), (29, 15131), (46, 15296), (53, 15368), (55, 15389), (60, 15437), (61, 15446), (67, 15476), (72, 15503), (76, 15536), (82, 15590), (95, 15650),

Gene: Caelakin_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Caelakin_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Caitlin_18 Start: 13036, Stop: 13638, Start Num: 21
Candidate Starts for Caitlin_18:
(Start: 17 @13030 has 1 MA's), (Start: 21 @13036 has 235 MA's), (45, 13210), (46, 13246), (47, 13282), (50, 13312), (61, 13399), (62, 13414), (70, 13441), (76, 13492), (79, 13522),

Gene: Calvinny_25 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Calvinny_25:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: Camperdownii_21 Start: 14007, Stop: 14597, Start Num: 20
Candidate Starts for Camperdownii_21:
(Start: 20 @14007 has 294 MA's), (Start: 24 @14028 has 2 MA's), (Start: 25 @14031 has 1 MA's), (45, 14178), (69, 14403), (76, 14457), (79, 14487),

Gene: Candra_26 Start: 15243, Stop: 15845, Start Num: 21
Candidate Starts for Candra_26:
(Start: 21 @15243 has 235 MA's), (Start: 25 @15267 has 1 MA's), (44, 15396), (45, 15420), (61, 15606), (69, 15642), (71, 15651), (72, 15663), (78, 15720),

Gene: Caraxes_22 Start: 13739, Stop: 14335, Start Num: 20
Candidate Starts for Caraxes_22:
(Start: 20 @13739 has 294 MA's), (Start: 24 @13760 has 2 MA's), (Start: 25 @13763 has 1 MA's), (29, 13784), (50, 14012), (60, 14090), (61, 14099), (67, 14129), (69, 14135), (72, 14156), (82, 14243),

Gene: Catalina_24 Start: 15901, Stop: 16497, Start Num: 21
Candidate Starts for Catalina_24:
(Start: 21 @15901 has 235 MA's), (Start: 25 @15925 has 1 MA's), (29, 15946), (61, 16264), (76, 16357), (95, 16471), (97, 16480),

Gene: Caviar_23 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Caviar_23:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Celery_18 Start: 10111, Stop: 10668, Start Num: 27
Candidate Starts for Celery_18:
(Start: 27 @10111 has 10 MA's), (50, 10345), (71, 10483), (85, 10600),

Gene: Celestialunch_23 Start: 14023, Stop: 14619, Start Num: 21
Candidate Starts for Celestialunch_23:
(Start: 21 @14023 has 235 MA's), (Start: 25 @14047 has 1 MA's), (60, 14377), (67, 14419), (70, 14428), (76, 14479),

Gene: Centaur_25 Start: 15589, Stop: 16179, Start Num: 21
Candidate Starts for Centaur_25:
(Start: 21 @15589 has 235 MA's), (Start: 25 @15613 has 1 MA's), (29, 15634), (31, 15649), (50, 15865), (53, 15874), (60, 15943), (61, 15952), (72, 16009), (82, 16096), (95, 16156),

Gene: CentreCat_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for CentreCat_22:
(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: Cerulean_23 Start: 14701, Stop: 15291, Start Num: 20
Candidate Starts for Cerulean_23:
(Start: 20 @14701 has 294 MA's), (Start: 24 @14722 has 2 MA's), (Start: 25 @14725 has 1 MA's), (45, 14872), (69, 15097), (76, 15151), (79, 15181),

Gene: Chadwick_20 Start: 13318, Stop: 14148, Start Num: 3
Candidate Starts for Chadwick_20:
(Start: 3 @13318 has 37 MA's), (8, 13447), (12, 13501), (Start: 24 @13579 has 2 MA's), (26, 13585), (32, 13645), (35, 13657), (38, 13684), (45, 13744), (52, 13849), (60, 13921), (61, 13930), (69, 13969), (71, 13978), (86, 14098),

Gene: ChampagnePapi_23 Start: 14700, Stop: 15290, Start Num: 20
Candidate Starts for ChampagnePapi_23:
(Start: 20 @14700 has 294 MA's), (Start: 24 @14721 has 2 MA's), (Start: 25 @14724 has 1 MA's), (45, 14871), (69, 15096), (76, 15150), (79, 15180),

Gene: Changeling_26 Start: 16952, Stop: 17545, Start Num: 21
Candidate Starts for Changeling_26:
(Start: 21 @16952 has 235 MA's), (Start: 24 @16973 has 2 MA's), (Start: 25 @16976 has 1 MA's), (29, 16997), (50, 17225), (60, 17303), (61, 17312), (67, 17342), (70, 17351), (82, 17456), (97, 17525),

Gene: Chaph_22 Start: 14397, Stop: 14987, Start Num: 20
Candidate Starts for Chaph_22:
(Start: 20 @14397 has 294 MA's), (Start: 24 @14418 has 2 MA's), (Start: 25 @14421 has 1 MA's), (45, 14568), (69, 14793), (76, 14847), (79, 14877),

Gene: Chargerpower_23 Start: 14332, Stop: 14916, Start Num: 21
Candidate Starts for Chargerpower_23:

(Start: 21 @14332 has 235 MA's), (Start: 25 @14356 has 1 MA's), (29, 14377), (50, 14608), (60, 14686), (63, 14710),

Gene: Charm_23 Start: 14035, Stop: 14631, Start Num: 21
Candidate Starts for Charm_23:
(Start: 21 @14035 has 235 MA's), (Start: 25 @14059 has 1 MA's), (29, 14080), (70, 14440), (71, 14446),

Gene: Chartreuse_26 Start: 15156, Stop: 15758, Start Num: 21
Candidate Starts for Chartreuse_26:
(Start: 21 @15156 has 235 MA's), (Start: 25 @15180 has 1 MA's), (45, 15333), (61, 15519), (69, 15555), (71, 15564), (72, 15576), (78, 15633),

Gene: Che12_25 Start: 13999, Stop: 14595, Start Num: 20
Candidate Starts for Che12_25:
(Start: 20 @13999 has 294 MA's), (Start: 24 @14020 has 2 MA's), (Start: 25 @14023 has 1 MA's), (29, 14044), (50, 14272), (60, 14350), (61, 14359), (67, 14389), (69, 14395), (72, 14416), (82, 14503),

Gene: ChipMunk_25 Start: 15499, Stop: 16089, Start Num: 21
Candidate Starts for ChipMunk_25:
(Start: 21 @15499 has 235 MA's), (Start: 25 @15523 has 1 MA's), (29, 15544), (46, 15712), (50, 15775), (53, 15784), (60, 15853), (61, 15862), (67, 15892), (70, 15901), (72, 15919),

Gene: Chiqui_21 Start: 14233, Stop: 14844, Start Num: 21
Candidate Starts for Chiqui_21:
(Start: 21 @14233 has 235 MA's), (Start: 24 @14254 has 2 MA's), (Start: 25 @14257 has 1 MA's), (29, 14278), (31, 14293), (45, 14410), (70, 14638), (76, 14689),

Gene: Chupacabra_22 Start: 14194, Stop: 14790, Start Num: 20
Candidate Starts for Chupacabra_22:
(13, 14155), (Start: 20 @14194 has 294 MA's), (Start: 24 @14215 has 2 MA's), (Start: 25 @14218 has 1 MA's), (31, 14254), (45, 14371), (70, 14599), (71, 14605), (76, 14650), (79, 14680),

Gene: Cici_22 Start: 14387, Stop: 14974, Start Num: 20
Candidate Starts for Cici_22:
(Start: 20 @14387 has 294 MA's), (Start: 24 @14408 has 2 MA's), (Start: 25 @14411 has 1 MA's), (31, 14447), (45, 14564), (69, 14789), (72, 14810), (76, 14843), (79, 14873),

Gene: Cindaradix_21 Start: 14121, Stop: 14708, Start Num: 20
Candidate Starts for Cindaradix_21:
(Start: 20 @14121 has 294 MA's), (Start: 24 @14142 has 2 MA's), (Start: 25 @14145 has 1 MA's), (31, 14181), (45, 14298), (72, 14544), (76, 14577), (79, 14607),

Gene: Cintron_22 Start: 14460, Stop: 15026, Start Num: 25
Candidate Starts for Cintron_22:
(Start: 20 @14436 has 294 MA's), (Start: 24 @14457 has 2 MA's), (Start: 25 @14460 has 1 MA's), (45, 14607), (69, 14832), (76, 14886), (79, 14916),

Gene: Citius_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Citius_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Clammy_22 Start: 13992, Stop: 14576, Start Num: 20
Candidate Starts for Clammy_22:
(13, 13953), (Start: 20 @13992 has 294 MA's), (Start: 24 @14013 has 2 MA's), (Start: 25 @14016 has 1 MA's), (29, 14037), (31, 14052), (45, 14163), (47, 14235), (70, 14391), (76, 14442), (79, 14472), (82, 14496),

Gene: Clarenza_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Clarenza_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: CloudWang3_26 Start: 15193, Stop: 15795, Start Num: 21
Candidate Starts for CloudWang3_26:
(Start: 21 @15193 has 235 MA's), (Start: 25 @15217 has 1 MA's), (44, 15346), (45, 15370), (61, 15556), (69, 15592), (71, 15601), (72, 15613), (78, 15670),

Gene: ClownCar_25 Start: 14539, Stop: 15135, Start Num: 20
Candidate Starts for ClownCar_25:
(Start: 20 @14539 has 294 MA's), (Start: 25 @14563 has 1 MA's), (29, 14584), (31, 14599), (45, 14710), (60, 14887), (70, 14941), (71, 14947), (76, 14992),

Gene: Cocoaberry_22 Start: 14392, Stop: 14982, Start Num: 20
Candidate Starts for Cocoaberry_22:
(Start: 20 @14392 has 294 MA's), (Start: 24 @14413 has 2 MA's), (Start: 25 @14416 has 1 MA's), (45, 14563), (69, 14788), (76, 14842), (79, 14872),

Gene: CogOmlette_21 Start: 13967, Stop: 14563, Start Num: 21
Candidate Starts for CogOmlette_21:
(Start: 21 @13967 has 235 MA's), (Start: 25 @13991 has 1 MA's), (29, 14012), (30, 14018), (67, 14363), (70, 14372), (71, 14378), (76, 14423), (95, 14537), (97, 14546),

Gene: Colbster_24 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for Colbster_24:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: Colin_27 Start: 16788, Stop: 17378, Start Num: 21
Candidate Starts for Colin_27:
(Start: 21 @16788 has 235 MA's), (Start: 25 @16812 has 1 MA's), (29, 16833), (50, 17061), (60, 17139), (67, 17178), (70, 17187), (72, 17205), (82, 17292), (88, 17325),

Gene: Commander_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Commander_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Conan_16 Start: 9863, Stop: 10438, Start Num: 27
Candidate Starts for Conan_16:
(Start: 27 @9863 has 10 MA's), (50, 10097), (71, 10235), (85, 10352),

Gene: Connomayer_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Connomayer_22:

(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Conquerage_24 Start: 15930, Stop: 16526, Start Num: 21
Candidate Starts for Conquerage_24:
(Start: 21 @15930 has 235 MA's), (Start: 25 @15954 has 1 MA's), (29, 15975), (34, 16017), (61, 16293), (70, 16335), (76, 16386), (95, 16500), (97, 16509),

Gene: Conspiracy_19 Start: 13333, Stop: 14160, Start Num: 3
Candidate Starts for Conspiracy_19:
(Start: 3 @13333 has 37 MA's), (8, 13462), (Start: 24 @13594 has 2 MA's), (26, 13600), (30, 13633), (33, 13666), (38, 13696), (45, 13756), (52, 13861), (60, 13933), (71, 13990), (86, 14110),

Gene: Coog_19 Start: 13476, Stop: 14303, Start Num: 3
Candidate Starts for Coog_19:
(Start: 3 @13476 has 37 MA's), (8, 13605), (Start: 24 @13737 has 2 MA's), (26, 13743), (30, 13776), (33, 13809), (38, 13839), (45, 13899), (52, 14004), (60, 14076), (71, 14133), (86, 14253),

Gene: Cookiedough_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for Cookiedough_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: CosmicSans_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for CosmicSans_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Croquant_25 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Croquant_25:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Crucio_23 Start: 15024, Stop: 15614, Start Num: 21
Candidate Starts for Crucio_23:
(Start: 21 @15024 has 235 MA's), (Start: 25 @15048 has 1 MA's), (29, 15069), (44, 15174), (50, 15297), (60, 15375), (61, 15384), (70, 15423), (82, 15528), (95, 15588),

Gene: Cuco_19 Start: 13507, Stop: 14334, Start Num: 3
Candidate Starts for Cuco_19:
(Start: 3 @13507 has 37 MA's), (8, 13636), (Start: 24 @13768 has 2 MA's), (26, 13774), (30, 13807), (33, 13840), (38, 13870), (45, 13930), (52, 14035), (60, 14107), (71, 14164), (86, 14284),

Gene: Cullens_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Cullens_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: D29_23 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for D29_23:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: D32_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for D32_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: DBQu4n_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for DBQu4n_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: DaHudson_24 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for DaHudson_24:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: DaVinci_26 Start: 15210, Stop: 15812, Start Num: 21
Candidate Starts for DaVinci_26:
(Start: 21 @15210 has 235 MA's), (Start: 25 @15234 has 1 MA's), (45, 15387), (61, 15573), (69, 15609), (71, 15618), (72, 15630), (78, 15687),

Gene: Daishi_23 Start: 13398, Stop: 13994, Start Num: 20
Candidate Starts for Daishi_23:
(Start: 20 @13398 has 294 MA's), (Start: 25 @13422 has 1 MA's), (29, 13443), (31, 13458), (45, 13569), (60, 13746), (71, 13806), (76, 13851),

Gene: Dalmatian_23 Start: 15171, Stop: 15755, Start Num: 21
Candidate Starts for Dalmatian_23:
(Start: 21 @15171 has 235 MA's), (Start: 25 @15195 has 1 MA's), (29, 15216), (42, 15312), (60, 15525), (61, 15534), (67, 15564), (72, 15591), (76, 15624), (82, 15678),

Gene: Danforth_18 Start: 13018, Stop: 13620, Start Num: 21
Candidate Starts for Danforth_18:
(Start: 17 @13012 has 1 MA's), (Start: 21 @13018 has 235 MA's), (45, 13192), (46, 13228), (47, 13264), (50, 13294), (61, 13381), (62, 13396), (70, 13423), (76, 13474), (79, 13504),

Gene: Darrell_25 Start: 16089, Stop: 16685, Start Num: 21
Candidate Starts for Darrell_25:
(Start: 21 @16089 has 235 MA's), (Start: 25 @16113 has 1 MA's), (29, 16134), (30, 16140), (56, 16398), (60, 16440), (61, 16449), (76, 16542), (97, 16665),

Gene: DarthPhader_24 Start: 16058, Stop: 16654, Start Num: 21
Candidate Starts for DarthPhader_24:
(Start: 21 @16058 has 235 MA's), (Start: 25 @16082 has 1 MA's), (67, 16454), (70, 16463), (82, 16568),

Gene: Datway_22 Start: 14402, Stop: 14989, Start Num: 20
Candidate Starts for Datway_22:
(Start: 20 @14402 has 294 MA's), (Start: 24 @14423 has 2 MA's), (Start: 25 @14426 has 1 MA's), (31, 14462), (45, 14579), (59, 14747), (72, 14825), (76, 14858), (79, 14888),

Gene: Deano_22 Start: 14396, Stop: 14986, Start Num: 20
Candidate Starts for Deano_22:

(Start: 20 @14396 has 294 MA's), (Start: 24 @14417 has 2 MA's), (Start: 25 @14420 has 1 MA's), (45, 14567), (69, 14792), (76, 14846), (79, 14876),

Gene: DeerParkTS_24 Start: 15175, Stop: 15756, Start Num: 21
Candidate Starts for DeerParkTS_24:
(Start: 21 @15175 has 235 MA's), (Start: 25 @15199 has 1 MA's), (29, 15220), (44, 15325), (50, 15448), (61, 15535), (70, 15574), (72, 15592), (76, 15625), (82, 15679),

Gene: DekHockey33_25 Start: 14354, Stop: 14956, Start Num: 21
Candidate Starts for DekHockey33_25:
(Start: 21 @14354 has 235 MA's), (Start: 24 @14375 has 2 MA's), (28, 14390), (29, 14399), (45, 14528), (46, 14564),

Gene: Deloris_24 Start: 15520, Stop: 16110, Start Num: 21
Candidate Starts for Deloris_24:
(Start: 21 @15520 has 235 MA's), (Start: 25 @15544 has 1 MA's), (29, 15565), (60, 15871), (61, 15880), (67, 15910), (72, 15937), (76, 15970), (82, 16024),

Gene: DelvinSonDorr_25 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for DelvinSonDorr_25:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: Dexers_14 Start: 9859, Stop: 10422, Start Num: 27
Candidate Starts for Dexers_14:
(Start: 27 @9859 has 10 MA's), (50, 10093), (71, 10231), (85, 10348),

Gene: Dhanush_22 Start: 14391, Stop: 14981, Start Num: 20
Candidate Starts for Dhanush_22:
(Start: 20 @14391 has 294 MA's), (Start: 24 @14412 has 2 MA's), (Start: 25 @14415 has 1 MA's), (45, 14562), (69, 14787), (76, 14841), (79, 14871),

Gene: Dieselweasel_24 Start: 14474, Stop: 15070, Start Num: 20
Candidate Starts for Dieselweasel_24:
(Start: 20 @14474 has 294 MA's), (Start: 25 @14498 has 1 MA's), (29, 14519), (31, 14534), (45, 14645), (60, 14822), (71, 14882), (76, 14927),

Gene: Dignity_25 Start: 15540, Stop: 16130, Start Num: 21
Candidate Starts for Dignity_25:
(Start: 21 @15540 has 235 MA's), (Start: 25 @15564 has 1 MA's), (29, 15585), (46, 15753), (50, 15816), (53, 15825), (60, 15894), (61, 15903), (67, 15933), (72, 15960), (76, 15993), (82, 16047),

Gene: Dinger_18 Start: 10342, Stop: 11205, Start Num: 2
Candidate Starts for Dinger_18:
(1, 10279), (Start: 2 @10342 has 36 MA's), (29, 10648), (50, 10900), (52, 10906), (54, 10912), (59, 10969), (61, 10987), (67, 11023), (69, 11029), (82, 11137),

Gene: DirtyDunning_22 Start: 14384, Stop: 14974, Start Num: 20
Candidate Starts for DirtyDunning_22:
(Start: 20 @14384 has 294 MA's), (Start: 24 @14405 has 2 MA's), (Start: 25 @14408 has 1 MA's), (45, 14555), (69, 14780), (76, 14834), (79, 14864),

Gene: Discoknowium_19 Start: 13622, Stop: 14449, Start Num: 3

Candidate Starts for Discoknowium_19:
(Start: 3 @13622 has 37 MA's), (8, 13751), (Start: 24 @13883 has 2 MA's), (26, 13889), (30, 13922), (33, 13955), (38, 13985), (45, 14045), (52, 14150), (60, 14222), (71, 14279), (86, 14399),

Gene: Dixon_19 Start: 13037, Stop: 13639, Start Num: 21
Candidate Starts for Dixon_19:
(Start: 17 @13031 has 1 MA's), (Start: 21 @13037 has 235 MA's), (45, 13211), (46, 13247), (47, 13283), (50, 13313), (61, 13400), (62, 13415), (70, 13442), (76, 13493), (79, 13523),

Gene: DontArgue_21 Start: 12453, Stop: 13049, Start Num: 20
Candidate Starts for DontArgue_21:
(Start: 20 @12453 has 294 MA's), (Start: 24 @12474 has 2 MA's), (Start: 25 @12477 has 1 MA's), (31, 12513), (45, 12630), (59, 12798), (71, 12864), (76, 12909), (79, 12939),

Gene: Dorothea_26 Start: 15211, Stop: 15813, Start Num: 21
Candidate Starts for Dorothea_26:
(Start: 21 @15211 has 235 MA's), (Start: 25 @15235 has 1 MA's), (45, 15388), (61, 15574), (69, 15610), (71, 15619), (72, 15631), (78, 15688),

Gene: Drake55_25 Start: 15607, Stop: 16197, Start Num: 21
Candidate Starts for Drake55_25:
(Start: 21 @15607 has 235 MA's), (Start: 25 @15631 has 1 MA's), (29, 15652), (31, 15667), (50, 15883), (60, 15961), (61, 15970), (72, 16027), (82, 16114), (95, 16174),

Gene: Drake94_21 Start: 12286, Stop: 12882, Start Num: 20
Candidate Starts for Drake94_21:
(Start: 20 @12286 has 294 MA's), (Start: 24 @12307 has 2 MA's), (Start: 25 @12310 has 1 MA's), (31, 12346), (45, 12463), (70, 12691), (71, 12697), (79, 12772),

Gene: DreamTeam1_23 Start: 14035, Stop: 14631, Start Num: 21
Candidate Starts for DreamTeam1_23:
(Start: 21 @14035 has 235 MA's), (Start: 25 @14059 has 1 MA's), (29, 14080), (70, 14440), (71, 14446),

Gene: DroogsArmy_23 Start: 15777, Stop: 16364, Start Num: 21
Candidate Starts for DroogsArmy_23:
(Start: 21 @15777 has 235 MA's), (Start: 24 @15798 has 2 MA's), (Start: 25 @15801 has 1 MA's), (45, 15954), (48, 16029), (69, 16179), (79, 16263),

Gene: DropBear_22 Start: 14052, Stop: 14636, Start Num: 20
Candidate Starts for DropBear_22:
(13, 14013), (Start: 20 @14052 has 294 MA's), (Start: 24 @14073 has 2 MA's), (Start: 25 @14076 has 1 MA's), (29, 14097), (31, 14112), (45, 14223), (47, 14295), (70, 14451), (76, 14502), (79, 14532), (82, 14556),

Gene: Druantia_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for Druantia_22:
(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: Dublin_18 Start: 13475, Stop: 14302, Start Num: 3
Candidate Starts for Dublin_18:

(Start: 3 @13475 has 37 MA's), (8, 13604), (Start: 24 @13736 has 2 MA's), (26, 13742), (30, 13775), (33, 13808), (38, 13838), (45, 13898), (52, 14003), (60, 14075), (71, 14132), (86, 14252),

Gene: DudeLittle_23 Start: 15173, Stop: 15757, Start Num: 21
Candidate Starts for DudeLittle_23:
(Start: 21 @15173 has 235 MA's), (Start: 25 @15197 has 1 MA's), (29, 15218), (60, 15527), (61, 15536), (67, 15566), (72, 15593), (76, 15626), (82, 15680),

Gene: Duplo_26 Start: 15026, Stop: 15619, Start Num: 20
Candidate Starts for Duplo_26:
(Start: 20 @15026 has 294 MA's), (Start: 25 @15050 has 1 MA's), (29, 15071), (40, 15155), (51, 15299), (60, 15374), (61, 15383), (70, 15422), (72, 15440),

Gene: DustyMartin_25 Start: 14264, Stop: 14860, Start Num: 20
Candidate Starts for DustyMartin_25:
(13, 14225), (Start: 20 @14264 has 294 MA's), (Start: 24 @14285 has 2 MA's), (Start: 25 @14288 has 1 MA's), (31, 14324), (45, 14441), (59, 14609), (71, 14675), (74, 14693), (79, 14750),

Gene: EZMoney23_27 Start: 17079, Stop: 17669, Start Num: 21
Candidate Starts for EZMoney23_27:
(Start: 21 @17079 has 235 MA's), (Start: 25 @17103 has 1 MA's), (29, 17124), (46, 17289), (50, 17352), (60, 17430), (61, 17439), (70, 17478), (82, 17583),

Gene: Eagle_21 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Eagle_21:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: EagleEye_25 Start: 15328, Stop: 15921, Start Num: 21
Candidate Starts for EagleEye_25:
(Start: 21 @15328 has 235 MA's), (Start: 25 @15352 has 1 MA's), (29, 15373), (55, 15631), (76, 15778), (88, 15865), (97, 15901),

Gene: Eaglepride_23 Start: 14204, Stop: 14800, Start Num: 20
Candidate Starts for Eaglepride_23:
(13, 14165), (Start: 20 @14204 has 294 MA's), (Start: 24 @14225 has 2 MA's), (Start: 25 @14228 has 1 MA's), (31, 14264), (45, 14381), (69, 14606), (71, 14615), (76, 14660), (79, 14690),

Gene: Eapen_22 Start: 14387, Stop: 14977, Start Num: 20
Candidate Starts for Eapen_22:
(Start: 20 @14387 has 294 MA's), (Start: 24 @14408 has 2 MA's), (Start: 25 @14411 has 1 MA's), (45, 14558), (69, 14783), (76, 14837), (79, 14867),

Gene: Ebony_23 Start: 15682, Stop: 16296, Start Num: 21
Candidate Starts for Ebony_23:
(Start: 21 @15682 has 235 MA's), (23, 15688), (29, 15727), (37, 15787), (46, 15895), (50, 15958), (52, 15964), (60, 16036), (76, 16135),

Gene: Echild_23 Start: 15194, Stop: 15787, Start Num: 21
Candidate Starts for Echild_23:
(Start: 21 @15194 has 235 MA's), (Start: 25 @15218 has 1 MA's), (29, 15239), (46, 15407), (50, 15470), (53, 15479), (61, 15557), (67, 15587), (72, 15614), (76, 15647),

Gene: Edison31_22 Start: 14234, Stop: 14830, Start Num: 20
Candidate Starts for Edison31_22:
(13, 14195), (Start: 20 @14234 has 294 MA's), (Start: 24 @14255 has 2 MA's), (Start: 25 @14258 has 1 MA's), (31, 14294), (45, 14411), (69, 14636), (71, 14645), (76, 14690), (79, 14720),

Gene: EdogawaKiddo_22 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for EdogawaKiddo_22:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (34, 15987), (61, 16263), (70, 16305), (76, 16356), (95, 16470), (97, 16479),

Gene: Eidsmoe_24 Start: 15930, Stop: 16526, Start Num: 21
Candidate Starts for Eidsmoe_24:
(Start: 21 @15930 has 235 MA's), (Start: 25 @15954 has 1 MA's), (29, 15975), (30, 15981), (61, 16293), (70, 16335), (76, 16386), (88, 16473), (95, 16500), (97, 16509),

Gene: ElGato_16 Start: 9866, Stop: 10441, Start Num: 27
Candidate Starts for ElGato_16:
(Start: 27 @9866 has 10 MA's), (50, 10100), (71, 10238), (85, 10355),

Gene: ElTiger69_19 Start: 13348, Stop: 14178, Start Num: 3
Candidate Starts for ElTiger69_19:
(Start: 3 @13348 has 37 MA's), (8, 13477), (12, 13531), (Start: 24 @13609 has 2 MA's), (26, 13615), (29, 13642), (32, 13675), (33, 13681), (35, 13687), (38, 13714), (45, 13774), (52, 13879), (60, 13951), (61, 13960), (69, 13999), (71, 14008), (86, 14128),

Gene: Elephantoon_24 Start: 15518, Stop: 16114, Start Num: 21
Candidate Starts for Elephantoon_24:
(Start: 21 @15518 has 235 MA's), (Start: 25 @15542 has 1 MA's), (29, 15563), (30, 15569), (61, 15878), (76, 15971), (97, 16094),

Gene: Elle_23 Start: 13906, Stop: 14502, Start Num: 21
Candidate Starts for Elle_23:
(Start: 21 @13906 has 235 MA's), (Start: 25 @13930 has 1 MA's), (29, 13951), (45, 14080), (52, 14185), (97, 14485),

Gene: EmiRose_12 Start: 8786, Stop: 9427, Start Num: 16
Candidate Starts for EmiRose_12:
(Start: 16 @8786 has 1 MA's), (36, 8909), (56, 9107), (58, 9131), (68, 9200), (71, 9212), (75, 9233), (80, 9299), (81, 9305), (84, 9323), (89, 9353), (93, 9374),

Gene: EmyBug_24 Start: 15930, Stop: 16526, Start Num: 21
Candidate Starts for EmyBug_24:
(Start: 21 @15930 has 235 MA's), (Start: 25 @15954 has 1 MA's), (29, 15975), (30, 15981), (61, 16293), (70, 16335), (76, 16386), (88, 16473), (95, 16500), (97, 16509),

Gene: EpicPhail_24 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for EpicPhail_24:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: Epsocamisio_25 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for Epsocamisio_25:

(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Equemioh13_25 Start: 15592, Stop: 16182, Start Num: 21
Candidate Starts for Equemioh13_25:
(Start: 21 @15592 has 235 MA's), (Start: 25 @15616 has 1 MA's), (29, 15637), (50, 15868), (60, 15946), (61, 15955), (72, 16012), (82, 16099), (95, 16159),

Gene: EricB_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for EricB_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: Erik_18 Start: 10377, Stop: 11234, Start Num: 2
Candidate Starts for Erik_18:
(1, 10314), (Start: 2 @10377 has 36 MA's), (9, 10518), (Start: 21 @10629 has 235 MA's), (29, 10683), (50, 10929), (52, 10935), (59, 10998), (61, 11016), (69, 11058), (82, 11166), (94, 11226),

Gene: Eris_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Eris_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Eros_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Eros_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Espica_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Espica_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Et2Brutus_22 Start: 15636, Stop: 16256, Start Num: 21
Candidate Starts for Et2Brutus_22:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: EtoileNova_23 Start: 14534, Stop: 15133, Start Num: 20
Candidate Starts for EtoileNova_23:
(Start: 20 @14534 has 294 MA's), (Start: 24 @14555 has 2 MA's), (Start: 25 @14558 has 1 MA's), (29, 14579), (31, 14594), (42, 14675), (45, 14711), (47, 14783), (70, 14939), (79, 15020),

Gene: Eurydice_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Eurydice_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: EvilGenius_25 Start: 15508, Stop: 16098, Start Num: 21
Candidate Starts for EvilGenius_25:
(Start: 21 @15508 has 235 MA's), (Start: 25 @15532 has 1 MA's), (29, 15553), (46, 15721), (50, 15784), (53, 15793), (60, 15862), (61, 15871), (67, 15901), (70, 15910), (72, 15928),

Gene: Expelliarmus_18 Start: 13004, Stop: 13606, Start Num: 21
Candidate Starts for Expelliarmus_18:
(Start: 17 @12998 has 1 MA's), (Start: 21 @13004 has 235 MA's), (45, 13178), (46, 13214), (47, 13250), (50, 13280), (61, 13367), (62, 13382), (70, 13409), (76, 13460), (79, 13490),

Gene: ExplosioNervosa_24 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for ExplosioNervosa_24:
(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (34, 16020), (61, 16296), (70, 16338), (76, 16389), (95, 16503), (97, 16512),

Gene: Fameo_23 Start: 15099, Stop: 15683, Start Num: 21
Candidate Starts for Fameo_23:
(Start: 21 @15099 has 235 MA's), (Start: 25 @15123 has 1 MA's), (29, 15144), (46, 15306), (60, 15447), (61, 15456), (67, 15486), (70, 15495), (72, 15513), (76, 15546), (82, 15600), (87, 15624), (95, 15660),

Gene: Farber_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for Farber_24:
(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: FatCactus_21 Start: 13165, Stop: 13758, Start Num: 21
Candidate Starts for FatCactus_21:
(Start: 21 @13165 has 235 MA's), (Start: 24 @13186 has 2 MA's), (Start: 25 @13189 has 1 MA's), (52, 13444), (60, 13516), (76, 13618), (82, 13672),

Gene: Fayely_24 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for Fayely_24:
(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (61, 16296), (76, 16389), (95, 16503), (97, 16512),

Gene: Fernando_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Fernando_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Fibonacci_23 Start: 15636, Stop: 16250, Start Num: 21
Candidate Starts for Fibonacci_23:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: FiringLine_23 Start: 15024, Stop: 15614, Start Num: 21
Candidate Starts for FiringLine_23:
(Start: 21 @15024 has 235 MA's), (Start: 25 @15048 has 1 MA's), (29, 15069), (44, 15174), (50, 15297), (60, 15375), (61, 15384), (70, 15423), (74, 15447), (82, 15528), (95, 15588),

Gene: First_0023 Start: 15114, Stop: 15710, Start Num: 21
Candidate Starts for First_0023:
(Start: 21 @15114 has 235 MA's), (Start: 25 @15138 has 1 MA's), (29, 15159), (46, 15327), (53, 15399), (55, 15420), (60, 15468), (61, 15477), (69, 15513), (72, 15534), (76, 15567),

Gene: Flare16_23 Start: 15150, Stop: 15740, Start Num: 21
Candidate Starts for Flare16_23:

(Start: 21 @15150 has 235 MA's), (Start: 25 @15174 has 1 MA's), (29, 15195), (50, 15426), (60, 15504), (61, 15513), (72, 15570), (82, 15657), (95, 15717),

Gene: Flaverint_23 Start: 15633, Stop: 16247, Start Num: 21
Candidate Starts for Flaverint_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: Florean_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Florean_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Florence1_19 Start: 13296, Stop: 14123, Start Num: 3
Candidate Starts for Florence1_19:
(Start: 3 @13296 has 37 MA's), (8, 13425), (Start: 24 @13557 has 2 MA's), (26, 13563), (30, 13596), (33, 13629), (38, 13659), (45, 13719), (52, 13824), (60, 13896), (71, 13953), (86, 14073),

Gene: Florence4_20 Start: 13296, Stop: 14123, Start Num: 3
Candidate Starts for Florence4_20:
(Start: 3 @13296 has 37 MA's), (8, 13425), (Start: 24 @13557 has 2 MA's), (26, 13563), (30, 13596), (33, 13629), (38, 13659), (45, 13719), (52, 13824), (60, 13896), (71, 13953), (86, 14073),

Gene: Flux_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Flux_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: FlyCatcher_26 Start: 16066, Stop: 16650, Start Num: 21
Candidate Starts for FlyCatcher_26:
(Start: 21 @16066 has 235 MA's), (Start: 24 @16087 has 2 MA's), (Start: 25 @16090 has 1 MA's), (29, 16111), (31, 16126), (45, 16237), (48, 16312), (79, 16546),

Gene: ForGetIt_19 Start: 13358, Stop: 14185, Start Num: 3
Candidate Starts for ForGetIt_19:
(Start: 3 @13358 has 37 MA's), (8, 13487), (Start: 24 @13619 has 2 MA's), (26, 13625), (30, 13658), (33, 13691), (38, 13721), (45, 13781), (52, 13886), (60, 13958), (71, 14015), (86, 14135),

Gene: ForesterFrank_24 Start: 16618, Stop: 17211, Start Num: 21
Candidate Starts for ForesterFrank_24:
(Start: 21 @16618 has 235 MA's), (Start: 24 @16639 has 2 MA's), (Start: 25 @16642 has 1 MA's), (29, 16663), (30, 16669), (50, 16891), (60, 16969), (61, 16978), (70, 17017), (82, 17122),

Gene: Fred313_22 Start: 13710, Stop: 14321, Start Num: 20
Candidate Starts for Fred313_22:
(13, 13671), (Start: 20 @13710 has 294 MA's), (Start: 24 @13731 has 2 MA's), (Start: 25 @13734 has 1 MA's), (29, 13755), (31, 13770), (45, 13887), (70, 14115), (76, 14166), (82, 14220),

Gene: Funston_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Funston_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Gadost_22 Start: 14392, Stop: 14982, Start Num: 20
Candidate Starts for Gadost_22:
(Start: 20 @14392 has 294 MA's), (Start: 24 @14413 has 2 MA's), (Start: 25 @14416 has 1 MA's), (45, 14563), (69, 14788), (76, 14842), (79, 14872),

Gene: Gail_22 Start: 14209, Stop: 14802, Start Num: 18
Candidate Starts for Gail_22:
(Start: 18 @14209 has 3 MA's), (Start: 25 @14233 has 1 MA's), (29, 14254), (39, 14338), (50, 14485), (70, 14611), (71, 14617), (82, 14716),

Gene: Garak_27 Start: 15205, Stop: 15807, Start Num: 21
Candidate Starts for Garak_27:
(Start: 21 @15205 has 235 MA's), (Start: 25 @15229 has 1 MA's), (44, 15358), (45, 15382), (61, 15568), (69, 15604), (71, 15613), (72, 15625), (78, 15682),

Gene: GaugeLDP_25 Start: 16391, Stop: 16981, Start Num: 21
Candidate Starts for GaugeLDP_25:
(4, 16178), (Start: 21 @16391 has 235 MA's), (Start: 25 @16415 has 1 MA's), (29, 16436), (34, 16478), (50, 16664), (60, 16742), (61, 16751), (72, 16808), (82, 16895),

Gene: Gemma_24 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Gemma_24:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: George_18 Start: 13508, Stop: 14335, Start Num: 3
Candidate Starts for George_18:
(Start: 3 @13508 has 37 MA's), (8, 13637), (Start: 24 @13769 has 2 MA's), (26, 13775), (30, 13808), (33, 13841), (38, 13871), (45, 13931), (52, 14036), (60, 14108), (71, 14165), (86, 14285),

Gene: Georgie2_24 Start: 15025, Stop: 15606, Start Num: 21
Candidate Starts for Georgie2_24:
(Start: 21 @15025 has 235 MA's), (Start: 25 @15049 has 1 MA's), (29, 15070), (44, 15175), (50, 15298), (60, 15376), (61, 15385), (70, 15424), (82, 15529), (95, 15589),

Gene: Ghoulboy_19 Start: 13583, Stop: 14443, Start Num: 3
Candidate Starts for Ghoulboy_19:
(Start: 3 @13583 has 37 MA's), (8, 13712), (14, 13799), (Start: 24 @13853 has 2 MA's), (30, 13892), (33, 13931), (38, 13979), (44, 14015), (45, 14039), (52, 14144), (60, 14216), (78, 14342), (86, 14393),

Gene: Gilberta_23 Start: 15630, Stop: 16244, Start Num: 21
Candidate Starts for Gilberta_23:
(Start: 21 @15630 has 235 MA's), (23, 15636), (29, 15675), (37, 15735), (46, 15843), (50, 15906), (52, 15912), (60, 15984), (76, 16083),

Gene: GingkoMaracino_24 Start: 14359, Stop: 14955, Start Num: 20
Candidate Starts for GingkoMaracino_24:
(Start: 20 @14359 has 294 MA's), (Start: 25 @14383 has 1 MA's), (29, 14404), (31, 14419), (45, 14530), (60, 14707), (71, 14767), (76, 14812),

Gene: Giroux_23 Start: 13992, Stop: 14576, Start Num: 20
Candidate Starts for Giroux_23:

(13, 13953), (Start: 20 @13992 has 294 MA's), (Start: 24 @14013 has 2 MA's), (Start: 25 @14016 has 1 MA's), (29, 14037), (31, 14052), (45, 14163), (47, 14235), (70, 14391), (76, 14442), (79, 14472), (82, 14496),

Gene: Gladiator_26 Start: 15183, Stop: 15785, Start Num: 21
Candidate Starts for Gladiator_26:
(Start: 21 @15183 has 235 MA's), (Start: 25 @15207 has 1 MA's), (44, 15336), (45, 15360), (61, 15546), (69, 15582), (71, 15591), (72, 15603), (78, 15660),

Gene: Gollum_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Gollum_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Goose_22 Start: 14195, Stop: 14791, Start Num: 20
Candidate Starts for Goose_22:
(13, 14156), (Start: 20 @14195 has 294 MA's), (Start: 24 @14216 has 2 MA's), (Start: 25 @14219 has 1 MA's), (31, 14255), (45, 14372), (70, 14600), (71, 14606), (76, 14651), (79, 14681),

Gene: Gratitude_24 Start: 15592, Stop: 16182, Start Num: 21
Candidate Starts for Gratitude_24:
(Start: 21 @15592 has 235 MA's), (Start: 25 @15616 has 1 MA's), (29, 15637), (50, 15868), (60, 15946), (61, 15955), (72, 16012), (82, 16099), (95, 16159),

Gene: GreedyLawyer_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for GreedyLawyer_26:
(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (45, 15386), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: Grif_24 Start: 14556, Stop: 15152, Start Num: 20
Candidate Starts for Grif_24:
(Start: 20 @14556 has 294 MA's), (Start: 25 @14580 has 1 MA's), (29, 14601), (31, 14616), (45, 14727), (60, 14904), (71, 14964), (76, 15009),

Gene: Groundhog_18 Start: 13005, Stop: 13607, Start Num: 21
Candidate Starts for Groundhog_18:
(Start: 17 @12999 has 1 MA's), (Start: 21 @13005 has 235 MA's), (45, 13179), (46, 13215), (47, 13251), (50, 13281), (61, 13368), (62, 13383), (70, 13410), (76, 13461), (79, 13491),

Gene: Groupthink_25 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Groupthink_25:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: Grub_24 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for Grub_24:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: Grum1_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for Grum1_24:
(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: Gruunaga_26 Start: 15183, Stop: 15785, Start Num: 21
Candidate Starts for Gruunaga_26:
(Start: 21 @15183 has 235 MA's), (Start: 25 @15207 has 1 MA's), (44, 15336), (45, 15360), (61, 15546), (69, 15582), (71, 15591), (72, 15603), (78, 15660),

Gene: GtownJaz_24 Start: 14474, Stop: 15070, Start Num: 20
Candidate Starts for GtownJaz_24:
(Start: 20 @14474 has 294 MA's), (Start: 25 @14498 has 1 MA's), (29, 14519), (31, 14534), (45, 14645), (60, 14822), (71, 14882), (76, 14927),

Gene: Gwennie_23 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for Gwennie_23:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: HINdeR_22 Start: 15876, Stop: 16463, Start Num: 21
Candidate Starts for HINdeR_22:
(Start: 21 @15876 has 235 MA's), (Start: 24 @15897 has 2 MA's), (Start: 25 @15900 has 1 MA's), (45, 16053), (48, 16128), (69, 16278), (79, 16362),

Gene: HamSlice_21 Start: 14386, Stop: 14976, Start Num: 20
Candidate Starts for HamSlice_21:
(Start: 20 @14386 has 294 MA's), (Start: 24 @14407 has 2 MA's), (Start: 25 @14410 has 1 MA's), (45, 14557), (69, 14782), (76, 14836), (79, 14866),

Gene: Hammer_26 Start: 15198, Stop: 15800, Start Num: 21
Candidate Starts for Hammer_26:
(Start: 21 @15198 has 235 MA's), (Start: 25 @15222 has 1 MA's), (44, 15351), (45, 15375), (61, 15561), (69, 15597), (71, 15606), (72, 15618), (78, 15675),

Gene: Hanray_23 Start: 15904, Stop: 16500, Start Num: 21
Candidate Starts for Hanray_23:
(Start: 21 @15904 has 235 MA's), (Start: 25 @15928 has 1 MA's), (29, 15949), (34, 15991), (61, 16267), (70, 16309), (76, 16360), (95, 16474), (97, 16483),

Gene: Happiness_22 Start: 14394, Stop: 14984, Start Num: 20
Candidate Starts for Happiness_22:
(Start: 20 @14394 has 294 MA's), (Start: 24 @14415 has 2 MA's), (Start: 25 @14418 has 1 MA's), (45, 14565), (69, 14790), (76, 14844), (79, 14874),

Gene: Harlequin_18 Start: 10322, Stop: 11185, Start Num: 2
Candidate Starts for Harlequin_18:
(1, 10259), (Start: 2 @10322 has 36 MA's), (29, 10628), (50, 10880), (52, 10886), (59, 10949), (61, 10967), (69, 11009), (82, 11117),

Gene: HarryHoudini_25 Start: 15607, Stop: 16197, Start Num: 21
Candidate Starts for HarryHoudini_25:
(Start: 21 @15607 has 235 MA's), (Start: 25 @15631 has 1 MA's), (29, 15652), (50, 15883), (60, 15961), (61, 15970), (72, 16027), (82, 16114), (95, 16174),

Gene: HashRod_25 Start: 14557, Stop: 15153, Start Num: 20
Candidate Starts for HashRod_25:

(Start: 20 @14557 has 294 MA's), (Start: 25 @14581 has 1 MA's), (29, 14602), (31, 14617), (45, 14728), (60, 14905), (71, 14965), (76, 15010),

Gene: HaveUMetTed_25 Start: 14541, Stop: 15146, Start Num: 20
Candidate Starts for HaveUMetTed_25:
(Start: 20 @14541 has 294 MA's), (Start: 25 @14565 has 1 MA's), (29, 14586), (31, 14601), (45, 14712), (60, 14889), (70, 14943), (71, 14949), (76, 14994),

Gene: Heathen_22 Start: 13793, Stop: 14377, Start Num: 20
Candidate Starts for Heathen_22:
(13, 13754), (Start: 20 @13793 has 294 MA's), (Start: 24 @13814 has 2 MA's), (Start: 25 @13817 has 1 MA's), (29, 13838), (31, 13853), (45, 13964), (47, 14036), (70, 14192), (76, 14243), (79, 14273), (82, 14297),

Gene: Heffalump_25 Start: 16901, Stop: 17485, Start Num: 21
Candidate Starts for Heffalump_25:
(Start: 21 @16901 has 235 MA's), (Start: 25 @16925 has 1 MA's), (29, 16946), (46, 17108), (60, 17249), (61, 17258), (67, 17288), (70, 17297), (72, 17315), (76, 17348), (82, 17402), (87, 17426), (95, 17462),

Gene: HelDan_22 Start: 14045, Stop: 14629, Start Num: 20
Candidate Starts for HelDan_22:
(13, 14006), (Start: 20 @14045 has 294 MA's), (Start: 24 @14066 has 2 MA's), (Start: 25 @14069 has 1 MA's), (29, 14090), (31, 14105), (45, 14216), (47, 14288), (70, 14444), (76, 14495), (79, 14525), (82, 14549),

Gene: Heliosoles_24 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Heliosoles_24:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: Helmet_26 Start: 15205, Stop: 15807, Start Num: 21
Candidate Starts for Helmet_26:
(Start: 21 @15205 has 235 MA's), (Start: 25 @15229 has 1 MA's), (44, 15358), (45, 15382), (61, 15568), (69, 15604), (71, 15613), (72, 15625), (78, 15682),

Gene: Herbertwm_20 Start: 13809, Stop: 14399, Start Num: 21
Candidate Starts for Herbertwm_20:
(Start: 21 @13809 has 235 MA's), (Start: 25 @13833 has 1 MA's), (29, 13854), (31, 13869), (46, 14019), (53, 14091), (60, 14160), (61, 14169), (76, 14259), (82, 14313),

Gene: Hercules11_24 Start: 14480, Stop: 15076, Start Num: 20
Candidate Starts for Hercules11_24:
(Start: 20 @14480 has 294 MA's), (Start: 25 @14504 has 1 MA's), (29, 14525), (31, 14540), (45, 14651), (60, 14828), (71, 14888), (76, 14933),

Gene: Hexamo_26 Start: 15165, Stop: 15767, Start Num: 21
Candidate Starts for Hexamo_26:
(Start: 21 @15165 has 235 MA's), (Start: 25 @15189 has 1 MA's), (44, 15318), (45, 15342), (61, 15528), (69, 15564), (71, 15573), (72, 15585), (78, 15642),

Gene: HippoHollow_24 Start: 16860, Stop: 17453, Start Num: 21
Candidate Starts for HippoHollow_24:

(Start: 21 @16860 has 235 MA's), (Start: 25 @16884 has 1 MA's), (29, 16905), (34, 16947), (50, 17133), (60, 17211), (61, 17220), (70, 17259), (76, 17310), (82, 17364), (97, 17433),

Gene: Hiro_18 Start: 10322, Stop: 11179, Start Num: 2
Candidate Starts for Hiro_18:
(1, 10259), (Start: 2 @10322 has 36 MA's), (15, 10544), (29, 10628), (50, 10874), (52, 10880), (59, 10943), (61, 10961), (69, 11003), (82, 11111),

Gene: Holex_23 Start: 15904, Stop: 16500, Start Num: 21
Candidate Starts for Holex_23:
(Start: 21 @15904 has 235 MA's), (Start: 25 @15928 has 1 MA's), (29, 15949), (34, 15991), (61, 16267), (70, 16309), (76, 16360), (95, 16474), (97, 16483),

Gene: Holli_22 Start: 14178, Stop: 14768, Start Num: 20
Candidate Starts for Holli_22:
(Start: 20 @14178 has 294 MA's), (Start: 24 @14199 has 2 MA's), (Start: 25 @14202 has 1 MA's), (45, 14349), (69, 14574), (76, 14628), (79, 14658),

Gene: Hookmount_23 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Hookmount_23:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Hoot_26 Start: 15188, Stop: 15790, Start Num: 21
Candidate Starts for Hoot_26:
(Start: 21 @15188 has 235 MA's), (Start: 25 @15212 has 1 MA's), (45, 15365), (61, 15551), (69, 15587), (71, 15596), (72, 15608), (78, 15665),

Gene: HortumSL17_24 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for HortumSL17_24:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (61, 16263), (76, 16356), (95, 16470), (97, 16479),

Gene: Houdini22_22 Start: 14392, Stop: 14982, Start Num: 20
Candidate Starts for Houdini22_22:
(Start: 20 @14392 has 294 MA's), (Start: 24 @14413 has 2 MA's), (Start: 25 @14416 has 1 MA's), (45, 14563), (69, 14788), (76, 14842), (79, 14872),

Gene: HuhtaEnerson15_19 Start: 13508, Stop: 14335, Start Num: 3
Candidate Starts for HuhtaEnerson15_19:
(Start: 3 @13508 has 37 MA's), (8, 13637), (Start: 24 @13769 has 2 MA's), (26, 13775), (30, 13808), (33, 13841), (38, 13871), (45, 13931), (52, 14036), (60, 14108), (71, 14165), (86, 14285),

Gene: Hutc2_23 Start: 15636, Stop: 16250, Start Num: 21
Candidate Starts for Hutc2_23:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: Huxley_22 Start: 14452, Stop: 15042, Start Num: 20
Candidate Starts for Huxley_22:
(Start: 20 @14452 has 294 MA's), (Start: 24 @14473 has 2 MA's), (Start: 25 @14476 has 1 MA's), (45, 14623), (69, 14848), (76, 14902), (79, 14932),

Gene: ICleared_22 Start: 14386, Stop: 14976, Start Num: 20
Candidate Starts for ICleared_22:
(Start: 20 @14386 has 294 MA's), (Start: 24 @14407 has 2 MA's), (Start: 25 @14410 has 1 MA's), (45, 14557), (69, 14782), (76, 14836), (79, 14866),

Gene: Iceman_23 Start: 14677, Stop: 15267, Start Num: 20
Candidate Starts for Iceman_23:
(Start: 20 @14677 has 294 MA's), (Start: 24 @14698 has 2 MA's), (Start: 25 @14701 has 1 MA's), (45, 14848), (69, 15073), (76, 15127), (79, 15157),

Gene: Idleandcovert_22 Start: 13992, Stop: 14576, Start Num: 20
Candidate Starts for Idleandcovert_22:
(13, 13953), (Start: 20 @13992 has 294 MA's), (Start: 24 @14013 has 2 MA's), (Start: 25 @14016 has 1 MA's), (29, 14037), (31, 14052), (45, 14163), (47, 14235), (70, 14391), (76, 14442), (79, 14472), (82, 14496),

Gene: Indra_26 Start: 15210, Stop: 15812, Start Num: 21
Candidate Starts for Indra_26:
(Start: 21 @15210 has 235 MA's), (Start: 25 @15234 has 1 MA's), (44, 15363), (45, 15387), (61, 15573), (69, 15609), (71, 15618), (72, 15630), (78, 15687),

Gene: Insomnia_23 Start: 15685, Stop: 16305, Start Num: 21
Candidate Starts for Insomnia_23:
(Start: 21 @15685 has 235 MA's), (23, 15691), (29, 15730), (37, 15790), (46, 15898), (50, 15961), (52, 15967), (60, 16039), (76, 16138),

Gene: Iracema64_23 Start: 14700, Stop: 15290, Start Num: 20
Candidate Starts for Iracema64_23:
(Start: 20 @14700 has 294 MA's), (Start: 24 @14721 has 2 MA's), (Start: 25 @14724 has 1 MA's), (45, 14871), (69, 15096), (76, 15150), (79, 15180),

Gene: IronMan_25 Start: 16801, Stop: 17391, Start Num: 19
Candidate Starts for IronMan_25:
(Start: 19 @16801 has 5 MA's), (Start: 25 @16825 has 1 MA's), (50, 17074), (52, 17080), (61, 17161), (70, 17200), (82, 17305), (95, 17365),

Gene: Isca_22 Start: 13881, Stop: 14504, Start Num: 20
Candidate Starts for Isca_22:
(Start: 20 @13881 has 294 MA's), (Start: 24 @13902 has 2 MA's), (Start: 25 @13905 has 1 MA's), (29, 13926), (31, 13941), (45, 14058), (70, 14286),

Gene: Isiphiwo_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for Isiphiwo_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: Iwokeuplikedis_24 Start: 15094, Stop: 15681, Start Num: 21
Candidate Starts for Iwokeuplikedis_24:
(Start: 21 @15094 has 235 MA's), (Start: 25 @15118 has 1 MA's), (29, 15139), (34, 15181), (50, 15367), (60, 15445), (61, 15454), (72, 15511), (82, 15598), (95, 15658),

Gene: JF2_22 Start: 13644, Stop: 14255, Start Num: 20
Candidate Starts for JF2_22:

(Start: 20 @13644 has 294 MA's), (Start: 24 @13665 has 2 MA's), (Start: 25 @13668 has 1 MA's), (29, 13689), (31, 13704), (45, 13821), (70, 14049),

Gene: JF4_22 Start: 13644, Stop: 14255, Start Num: 20
Candidate Starts for JF4_22:
(Start: 20 @13644 has 294 MA's), (Start: 24 @13665 has 2 MA's), (Start: 25 @13668 has 1 MA's), (29, 13689), (31, 13704), (45, 13821), (70, 14049),

Gene: JHC117_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for JHC117_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: JSwag_25 Start: 14218, Stop: 14820, Start Num: 21
Candidate Starts for JSwag_25:
(Start: 21 @14218 has 235 MA's), (Start: 24 @14239 has 2 MA's), (28, 14254), (29, 14263), (45, 14392), (46, 14428),

Gene: Jaan_26 Start: 17199, Stop: 17789, Start Num: 19
Candidate Starts for Jaan_26:
(Start: 19 @17199 has 5 MA's), (Start: 25 @17223 has 1 MA's), (29, 17244), (50, 17472), (52, 17478), (61, 17559), (70, 17598), (82, 17703),

Gene: Jabiru_19 Start: 13398, Stop: 14228, Start Num: 3
Candidate Starts for Jabiru_19:
(Start: 3 @13398 has 37 MA's), (8, 13527), (12, 13581), (Start: 24 @13659 has 2 MA's), (26, 13665), (32, 13725), (33, 13731), (35, 13737), (38, 13764), (45, 13824), (52, 13929), (60, 14001), (61, 14010), (69, 14049), (71, 14058), (86, 14178),

Gene: Jabith_23 Start: 15685, Stop: 16305, Start Num: 21
Candidate Starts for Jabith_23:
(Start: 21 @15685 has 235 MA's), (23, 15691), (29, 15730), (37, 15790), (46, 15898), (50, 15961), (52, 15967), (60, 16039), (76, 16138),

Gene: Jaykayelowell_22 Start: 14384, Stop: 14974, Start Num: 20
Candidate Starts for Jaykayelowell_22:
(Start: 20 @14384 has 294 MA's), (Start: 24 @14405 has 2 MA's), (Start: 25 @14408 has 1 MA's), (45, 14555), (69, 14780), (76, 14834), (79, 14864),

Gene: Jeeves_22 Start: 14240, Stop: 14827, Start Num: 18
Candidate Starts for Jeeves_22:
(7, 14135), (Start: 18 @14240 has 3 MA's), (Start: 25 @14264 has 1 MA's), (29, 14285), (50, 14516), (70, 14642), (71, 14648), (82, 14747), (95, 14807),

Gene: Jeffabunny_26 Start: 15217, Stop: 15819, Start Num: 21
Candidate Starts for Jeffabunny_26:
(Start: 21 @15217 has 235 MA's), (Start: 25 @15241 has 1 MA's), (44, 15370), (45, 15394), (61, 15580), (69, 15616), (71, 15625), (72, 15637), (78, 15694),

Gene: JenCasNa_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for JenCasNa_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: JeppNRM_25 Start: 14545, Stop: 15141, Start Num: 20
Candidate Starts for JeppNRM_25:
(Start: 20 @14545 has 294 MA's), (Start: 25 @14569 has 1 MA's), (29, 14590), (31, 14605), (45, 14716), (60, 14893), (70, 14947), (71, 14953), (76, 14998),

Gene: Jerm_25 Start: 15532, Stop: 16122, Start Num: 21
Candidate Starts for Jerm_25:
(5, 15319), (Start: 21 @15532 has 235 MA's), (Start: 25 @15556 has 1 MA's), (29, 15577), (46, 15745), (50, 15808), (53, 15817), (60, 15886), (61, 15895), (67, 15925), (72, 15952), (76, 15985), (82, 16039),

Gene: Jester_18 Start: 10322, Stop: 11179, Start Num: 2
Candidate Starts for Jester_18:
(1, 10259), (Start: 2 @10322 has 36 MA's), (29, 10628), (50, 10874), (52, 10880), (59, 10943), (61, 10961), (69, 11003),

Gene: JetBlade_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for JetBlade_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: JewelBug_26 Start: 15212, Stop: 15814, Start Num: 21
Candidate Starts for JewelBug_26:
(Start: 21 @15212 has 235 MA's), (Start: 25 @15236 has 1 MA's), (45, 15389), (61, 15575), (69, 15611), (71, 15620), (72, 15632), (78, 15689),

Gene: Jhitchelle_15 Start: 9794, Stop: 10351, Start Num: 27
Candidate Starts for Jhitchelle_15:
(Start: 27 @9794 has 10 MA's), (50, 10028), (66, 10145), (71, 10166), (85, 10283), (96, 10334),

Gene: Jiawan_23 Start: 15936, Stop: 16532, Start Num: 21
Candidate Starts for Jiawan_23:
(Start: 21 @15936 has 235 MA's), (Start: 25 @15960 has 1 MA's), (29, 15981), (34, 16023), (61, 16299), (70, 16341), (76, 16392), (95, 16506), (97, 16515),

Gene: Jobu08_24 Start: 14540, Stop: 15136, Start Num: 20
Candidate Starts for Jobu08_24:
(Start: 20 @14540 has 294 MA's), (Start: 25 @14564 has 1 MA's), (29, 14585), (31, 14600), (45, 14711), (60, 14888), (70, 14942), (71, 14948), (76, 14993),

Gene: JoongJeon_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for JoongJeon_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Jordennis_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for Jordennis_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: Joselito_23 Start: 15633, Stop: 16253, Start Num: 21
Candidate Starts for Joselito_23:

(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: JoshKayV_25 Start: 15499, Stop: 16092, Start Num: 21
Candidate Starts for JoshKayV_25:
(Start: 21 @15499 has 235 MA's), (Start: 25 @15523 has 1 MA's), (29, 15544), (46, 15712), (50, 15775), (60, 15853), (61, 15862), (67, 15892), (70, 15901), (72, 15919), (76, 15952),

Gene: Journey13_21 Start: 14241, Stop: 14840, Start Num: 20
Candidate Starts for Journey13_21:
(Start: 20 @14241 has 294 MA's), (Start: 25 @14265 has 1 MA's), (29, 14286), (50, 14514), (60, 14592), (61, 14601), (69, 14637), (72, 14658), (76, 14691), (78, 14715), (82, 14745),

Gene: Jovo_19 Start: 13614, Stop: 14441, Start Num: 3
Candidate Starts for Jovo_19:
(Start: 3 @13614 has 37 MA's), (8, 13743), (Start: 24 @13875 has 2 MA's), (26, 13881), (30, 13914), (33, 13947), (38, 13977), (45, 14037), (52, 14142), (60, 14214), (71, 14271), (86, 14391),

Gene: Jsquared_22 Start: 13941, Stop: 14531, Start Num: 20
Candidate Starts for Jsquared_22:
(Start: 20 @13941 has 294 MA's), (Start: 24 @13962 has 2 MA's), (Start: 25 @13965 has 1 MA's), (29, 13986), (50, 14214), (60, 14292), (61, 14301), (67, 14331), (70, 14340), (72, 14358),

Gene: KADY_25 Start: 14557, Stop: 15153, Start Num: 20
Candidate Starts for KADY_25:
(Start: 20 @14557 has 294 MA's), (Start: 25 @14581 has 1 MA's), (29, 14602), (31, 14617), (45, 14728), (60, 14905), (71, 14965), (76, 15010),

Gene: KFPoly_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for KFPoly_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Kachowdy_22 Start: 14045, Stop: 14629, Start Num: 20
Candidate Starts for Kachowdy_22:
(13, 14006), (Start: 20 @14045 has 294 MA's), (Start: 24 @14066 has 2 MA's), (Start: 25 @14069 has 1 MA's), (29, 14090), (31, 14105), (45, 14216), (47, 14288), (70, 14444), (76, 14495), (79, 14525), (82, 14549),

Gene: Kaine_15 Start: 9859, Stop: 10422, Start Num: 27
Candidate Starts for Kaine_15:
(Start: 27 @9859 has 10 MA's), (50, 10093), (71, 10231), (85, 10348),

Gene: Kalb97_25 Start: 14545, Stop: 15141, Start Num: 20
Candidate Starts for Kalb97_25:
(Start: 20 @14545 has 294 MA's), (Start: 25 @14569 has 1 MA's), (29, 14590), (31, 14605), (45, 14716), (60, 14893), (70, 14947), (71, 14953), (76, 14998),

Gene: Kalnoky_25 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Kalnoky_25:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: Kalpine_26 Start: 16884, Stop: 17477, Start Num: 21
Candidate Starts for Kalpine_26:
(Start: 21 @16884 has 235 MA's), (Start: 25 @16908 has 1 MA's), (29, 16929), (50, 17157), (60, 17235), (61, 17244), (72, 17301), (82, 17388), (97, 17457),

Gene: Kampy_22 Start: 14386, Stop: 14976, Start Num: 20
Candidate Starts for Kampy_22:
(Start: 20 @14386 has 294 MA's), (Start: 24 @14407 has 2 MA's), (Start: 25 @14410 has 1 MA's), (45, 14557), (69, 14782), (76, 14836), (79, 14866),

Gene: Katalie136_22 Start: 14396, Stop: 14983, Start Num: 20
Candidate Starts for Katalie136_22:
(Start: 20 @14396 has 294 MA's), (Start: 24 @14417 has 2 MA's), (Start: 25 @14420 has 1 MA's), (31, 14456), (45, 14573), (69, 14798), (72, 14819), (76, 14852), (79, 14882),

Gene: KatherineG_25 Start: 14354, Stop: 14956, Start Num: 21
Candidate Starts for KatherineG_25:
(Start: 21 @14354 has 235 MA's), (Start: 24 @14375 has 2 MA's), (28, 14390), (29, 14399), (45, 14528), (46, 14564),

Gene: Kazan_26 Start: 15215, Stop: 15817, Start Num: 21
Candidate Starts for Kazan_26:
(Start: 21 @15215 has 235 MA's), (Start: 25 @15239 has 1 MA's), (45, 15392), (61, 15578), (69, 15614), (71, 15623), (72, 15635), (78, 15692),

Gene: KekoraPapaka_21 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for KekoraPapaka_21:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Kerberos_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for Kerberos_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: Keziacharles14_22 Start: 14027, Stop: 14620, Start Num: 21
Candidate Starts for Keziacharles14_22:
(Start: 21 @14027 has 235 MA's), (Start: 25 @14051 has 1 MA's), (29, 14072), (60, 14378), (76, 14480), (88, 14567), (95, 14594),

Gene: Kimba_23 Start: 15685, Stop: 16305, Start Num: 21
Candidate Starts for Kimba_23:
(Start: 21 @15685 has 235 MA's), (23, 15691), (29, 15730), (37, 15790), (46, 15898), (50, 15961), (52, 15967), (60, 16039), (76, 16138),

Gene: Kimona_19 Start: 11906, Stop: 12499, Start Num: 21
Candidate Starts for Kimona_19:
(Start: 21 @11906 has 235 MA's), (Start: 24 @11927 has 2 MA's), (Start: 25 @11930 has 1 MA's), (29, 11951), (31, 11966), (43, 12053), (45, 12083), (61, 12269), (69, 12308), (72, 12329), (76, 12362), (79, 12392), (82, 12416), (91, 12452),

Gene: KingCyrus_25 Start: 15499, Stop: 16089, Start Num: 21
Candidate Starts for KingCyrus_25:

(Start: 21 @15499 has 235 MA's), (Start: 25 @15523 has 1 MA's), (29, 15544), (46, 15712), (50, 15775), (53, 15784), (60, 15853), (61, 15862), (67, 15892), (70, 15901), (72, 15919),

Gene: Kingmustik0402_22 Start: 14380, Stop: 14970, Start Num: 20
Candidate Starts for Kingmustik0402_22:
(Start: 20 @14380 has 294 MA's), (Start: 24 @14401 has 2 MA's), (Start: 25 @14404 has 1 MA's), (45, 14551), (69, 14776), (76, 14830), (79, 14860),

Gene: Kinmap_22 Start: 14932, Stop: 15522, Start Num: 21
Candidate Starts for Kinmap_22:
(Start: 21 @14932 has 235 MA's), (Start: 25 @14956 has 1 MA's), (46, 15142),

Gene: Kipper29_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for Kipper29_26:
(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (45, 15386), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: KittenMittens_21 Start: 12294, Stop: 12890, Start Num: 20
Candidate Starts for KittenMittens_21:
(Start: 20 @12294 has 294 MA's), (Start: 24 @12315 has 2 MA's), (Start: 25 @12318 has 1 MA's), (31, 12354), (45, 12471), (70, 12699), (71, 12705), (79, 12780),

Gene: Klodlith_23 Start: 14035, Stop: 14631, Start Num: 21
Candidate Starts for Klodlith_23:
(Start: 21 @14035 has 235 MA's), (Start: 25 @14059 has 1 MA's), (29, 14080), (70, 14440), (71, 14446),

Gene: Koan_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Koan_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Koduck_23 Start: 14266, Stop: 14862, Start Num: 20
Candidate Starts for Koduck_23:
(Start: 20 @14266 has 294 MA's), (Start: 24 @14287 has 2 MA's), (Start: 25 @14290 has 1 MA's), (29, 14311), (34, 14353), (60, 14617), (61, 14626), (67, 14656), (70, 14665), (72, 14683), (97, 14839),

Gene: Koko_26 Start: 15231, Stop: 15824, Start Num: 21
Candidate Starts for Koko_26:
(Start: 21 @15231 has 235 MA's), (Start: 25 @15255 has 1 MA's), (30, 15282), (50, 15501), (55, 15531), (60, 15579), (61, 15588), (72, 15645),

Gene: Koreni_21 Start: 14034, Stop: 14624, Start Num: 20
Candidate Starts for Koreni_21:
(Start: 20 @14034 has 294 MA's), (Start: 24 @14055 has 2 MA's), (Start: 25 @14058 has 1 MA's), (45, 14205), (69, 14430), (76, 14484), (79, 14514),

Gene: Kratark_22 Start: 14383, Stop: 14973, Start Num: 20
Candidate Starts for Kratark_22:
(Start: 20 @14383 has 294 MA's), (Start: 24 @14404 has 2 MA's), (Start: 25 @14407 has 1 MA's), (45, 14554), (69, 14779), (76, 14833), (79, 14863),

Gene: Kremtemulon_22 Start: 14436, Stop: 15026, Start Num: 20

Candidate Starts for Kremtemulon_22:
(Start: 20 @14436 has 294 MA's), (Start: 24 @14457 has 2 MA's), (Start: 25 @14460 has 1 MA's), (45, 14607), (69, 14832), (76, 14886), (79, 14916),

Gene: Krishelle_18 Start: 10337, Stop: 11194, Start Num: 2
Candidate Starts for Krishelle_18:
(1, 10274), (Start: 2 @10337 has 36 MA's), (15, 10559), (29, 10643), (50, 10889), (52, 10895), (59, 10958), (61, 10976), (69, 11018), (82, 11126),

Gene: Kristoff_23 Start: 14382, Stop: 14978, Start Num: 20
Candidate Starts for Kristoff_23:
(13, 14343), (Start: 20 @14382 has 294 MA's), (Start: 24 @14403 has 2 MA's), (Start: 25 @14406 has 1 MA's), (31, 14442), (45, 14559), (59, 14727), (71, 14793), (74, 14811), (79, 14868),

Gene: Kyee_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for Kyee_22:
(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: L5_23 Start: 14277, Stop: 14873, Start Num: 20
Candidate Starts for L5_23:
(Start: 20 @14277 has 294 MA's), (Start: 24 @14298 has 2 MA's), (Start: 25 @14301 has 1 MA's), (29, 14322), (34, 14364), (60, 14628), (61, 14637), (67, 14667), (70, 14676), (72, 14694), (97, 14850),

Gene: LBerry_24 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for LBerry_24:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: LHTSCC_23 Start: 14700, Stop: 15290, Start Num: 20
Candidate Starts for LHTSCC_23:
(Start: 20 @14700 has 294 MA's), (Start: 24 @14721 has 2 MA's), (Start: 25 @14724 has 1 MA's), (45, 14871), (69, 15096), (76, 15150), (79, 15180),

Gene: LadyBird_23 Start: 15069, Stop: 15665, Start Num: 21
Candidate Starts for LadyBird_23:
(Start: 21 @15069 has 235 MA's), (Start: 25 @15093 has 1 MA's), (29, 15114), (46, 15282), (53, 15354), (55, 15375), (60, 15423), (61, 15432), (69, 15468), (72, 15489), (76, 15522), (82, 15576),

Gene: Lambert1_23 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Lambert1_23:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Landor_24 Start: 16851, Stop: 17441, Start Num: 19
Candidate Starts for Landor_24:
(Start: 19 @16851 has 5 MA's), (Start: 25 @16875 has 1 MA's), (29, 16896), (50, 17124), (52, 17130), (61, 17211), (70, 17250), (82, 17355),

Gene: LappelDuVide_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for LappelDuVide_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Larenn_24 Start: 15375, Stop: 15962, Start Num: 21
Candidate Starts for Larenn_24:
(Start: 21 @15375 has 235 MA's), (Start: 25 @15399 has 1 MA's), (29, 15420), (41, 15507), (44, 15525), (50, 15648), (60, 15726), (61, 15735), (70, 15774), (82, 15879), (95, 15939),

Gene: LarryKay_24 Start: 14559, Stop: 15155, Start Num: 20
Candidate Starts for LarryKay_24:
(Start: 20 @14559 has 294 MA's), (Start: 25 @14583 has 1 MA's), (29, 14604), (31, 14619), (45, 14730), (60, 14907), (71, 14967), (76, 15012),

Gene: LastResort_25 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for LastResort_25:
(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Lemur_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Lemur_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: LeoAvram_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for LeoAvram_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Leogania_25 Start: 17242, Stop: 17832, Start Num: 21
Candidate Starts for Leogania_25:
(Start: 21 @17242 has 235 MA's), (Start: 25 @17266 has 1 MA's), (29, 17287), (46, 17452), (50, 17515), (61, 17602), (72, 17659), (76, 17692), (82, 17746), (95, 17806), (97, 17815),

Gene: Lev2_19 Start: 13326, Stop: 14153, Start Num: 3
Candidate Starts for Lev2_19:
(Start: 3 @13326 has 37 MA's), (8, 13455), (Start: 24 @13587 has 2 MA's), (26, 13593), (30, 13626), (33, 13659), (38, 13689), (45, 13749), (52, 13854), (60, 13926), (68, 13971), (71, 13983), (86, 14103),

Gene: Leviathan_25 Start: 15588, Stop: 16178, Start Num: 21
Candidate Starts for Leviathan_25:
(Start: 21 @15588 has 235 MA's), (Start: 25 @15612 has 1 MA's), (29, 15633), (46, 15801), (50, 15864), (53, 15873), (60, 15942), (61, 15951), (67, 15981), (72, 16008), (76, 16041), (82, 16095),

Gene: LilTurb_25 Start: 15591, Stop: 16181, Start Num: 21
Candidate Starts for LilTurb_25:
(5, 15378), (Start: 21 @15591 has 235 MA's), (Start: 25 @15615 has 1 MA's), (29, 15636), (46, 15804), (50, 15867), (53, 15876), (60, 15945), (61, 15954), (67, 15984), (72, 16011), (76, 16044), (82, 16098),

Gene: Lilbunny_26 Start: 15191, Stop: 15793, Start Num: 21
Candidate Starts for Lilbunny_26:
(Start: 21 @15191 has 235 MA's), (Start: 25 @15215 has 1 MA's), (44, 15344), (45, 15368), (46, 15404), (61, 15554), (69, 15590), (71, 15599), (72, 15611), (78, 15668),

Gene: Lilith_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for Lilith_24:

(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: Lilleskat_22 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for Lilleskat_22:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (34, 15987), (61, 16263), (70, 16305), (76, 16356), (95, 16470), (97, 16479),

Gene: Lillie_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Lillie_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: LionsBait_24 Start: 16854, Stop: 17447, Start Num: 21
Candidate Starts for LionsBait_24:
(Start: 21 @16854 has 235 MA's), (Start: 25 @16878 has 1 MA's), (29, 16899), (34, 16941), (50, 17127), (60, 17205), (61, 17214), (70, 17253), (76, 17304), (82, 17358), (97, 17427),

Gene: LittleB_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for LittleB_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: LittleCherry_19 Start: 13509, Stop: 14336, Start Num: 3
Candidate Starts for LittleCherry_19:
(Start: 3 @13509 has 37 MA's), (8, 13638), (Start: 24 @13770 has 2 MA's), (26, 13776), (30, 13809), (33, 13842), (38, 13872), (45, 13932), (52, 14037), (60, 14109), (71, 14166), (86, 14286),

Gene: LittleGuy_22 Start: 14331, Stop: 14921, Start Num: 20
Candidate Starts for LittleGuy_22:
(Start: 20 @14331 has 294 MA's), (Start: 24 @14352 has 2 MA's), (Start: 25 @14355 has 1 MA's), (45, 14502), (69, 14727), (76, 14781), (79, 14811),

Gene: LochMonster_22 Start: 14363, Stop: 14953, Start Num: 20
Candidate Starts for LochMonster_22:
(Start: 20 @14363 has 294 MA's), (Start: 24 @14384 has 2 MA's), (Start: 25 @14387 has 1 MA's), (45, 14534), (69, 14759), (76, 14813), (79, 14843),

Gene: Lokk_26 Start: 16757, Stop: 17338, Start Num: 21
Candidate Starts for Lokk_26:
(Start: 21 @16757 has 235 MA's), (Start: 25 @16781 has 1 MA's), (29, 16802), (50, 17030), (60, 17108), (61, 17117), (70, 17156), (82, 17261),

Gene: LoneWolf_24 Start: 15703, Stop: 16296, Start Num: 21
Candidate Starts for LoneWolf_24:
(Start: 21 @15703 has 235 MA's), (Start: 25 @15727 has 1 MA's), (29, 15748), (30, 15754), (60, 16054), (76, 16156), (95, 16270), (97, 16279),

Gene: Looper_26 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for Looper_26:
(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Lorenzo_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Lorenzo_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Loser_26 Start: 16879, Stop: 17472, Start Num: 21
Candidate Starts for Loser_26:
(Start: 21 @16879 has 235 MA's), (Start: 25 @16903 has 1 MA's), (29, 16924), (46, 17089), (50, 17152), (60, 17230), (61, 17239), (72, 17296), (82, 17383), (97, 17452),

Gene: Louie6_24 Start: 14560, Stop: 15156, Start Num: 20
Candidate Starts for Louie6_24:
(Start: 20 @14560 has 294 MA's), (Start: 25 @14584 has 1 MA's), (29, 14605), (31, 14620), (45, 14731), (60, 14908), (71, 14968), (76, 15013),

Gene: Lowa_24 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for Lowa_24:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: Luchador_24 Start: 15438, Stop: 16031, Start Num: 21
Candidate Starts for Luchador_24:
(Start: 21 @15438 has 235 MA's), (Start: 25 @15462 has 1 MA's), (29, 15483), (70, 15840), (71, 15846), (97, 16014),

Gene: Lucivia_23 Start: 15682, Stop: 16302, Start Num: 21
Candidate Starts for Lucivia_23:
(Start: 21 @15682 has 235 MA's), (23, 15688), (29, 15727), (37, 15787), (46, 15895), (50, 15958), (52, 15964), (60, 16036), (76, 16135),

Gene: Lucyedi_24 Start: 15265, Stop: 15858, Start Num: 21
Candidate Starts for Lucyedi_24:
(Start: 21 @15265 has 235 MA's), (Start: 25 @15289 has 1 MA's), (29, 15310), (55, 15568), (76, 15715), (88, 15802), (97, 15838),

Gene: LugYA_26 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for LugYA_26:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Lunsford_23 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Lunsford_23:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: MA5_22 Start: 13589, Stop: 14191, Start Num: 20
Candidate Starts for MA5_22:
(13, 13550), (Start: 20 @13589 has 294 MA's), (Start: 24 @13610 has 2 MA's), (Start: 25 @13613 has 1 MA's), (29, 13634), (31, 13649), (45, 13766), (70, 13994),

Gene: MK4_22 Start: 13878, Stop: 14489, Start Num: 20
Candidate Starts for MK4_22:

(Start: 20 @13878 has 294 MA's), (Start: 24 @13899 has 2 MA's), (Start: 25 @13902 has 1 MA's), (29, 13923), (31, 13938), (45, 14055), (70, 14283),

Gene: MaCh_23 Start: 15630, Stop: 16244, Start Num: 21
Candidate Starts for MaCh_23:
(Start: 21 @15630 has 235 MA's), (23, 15636), (29, 15675), (37, 15735), (46, 15843), (50, 15906), (52, 15912), (60, 15984), (76, 16083),

Gene: Mabel_23 Start: 15697, Stop: 16305, Start Num: 21
Candidate Starts for Mabel_23:
(Start: 21 @15697 has 235 MA's), (23, 15703), (29, 15742), (37, 15802), (46, 15910), (50, 15973), (60, 16051), (76, 16150),

Gene: MadMarie_24 Start: 14475, Stop: 15071, Start Num: 20
Candidate Starts for MadMarie_24:
(Start: 20 @14475 has 294 MA's), (Start: 25 @14499 has 1 MA's), (29, 14520), (31, 14535), (45, 14646), (60, 14823), (71, 14883), (76, 14928),

Gene: Mainiac_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for Mainiac_24:
(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: MajorMajor_22 Start: 14011, Stop: 14601, Start Num: 20
Candidate Starts for MajorMajor_22:
(Start: 20 @14011 has 294 MA's), (Start: 25 @14035 has 1 MA's), (29, 14056), (34, 14098), (50, 14284), (60, 14362), (61, 14371), (67, 14401), (70, 14410), (72, 14428),

Gene: Malec_24 Start: 15380, Stop: 15967, Start Num: 21
Candidate Starts for Malec_24:
(Start: 21 @15380 has 235 MA's), (Start: 25 @15404 has 1 MA's), (29, 15425), (41, 15512), (44, 15530), (50, 15653), (60, 15731), (61, 15740), (70, 15779), (82, 15884), (95, 15944),

Gene: Malinsilva_26 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for Malinsilva_26:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: Maminiaina_24 Start: 15630, Stop: 16226, Start Num: 21
Candidate Starts for Maminiaina_24:
(Start: 21 @15630 has 235 MA's), (Start: 25 @15654 has 1 MA's), (61, 15993), (70, 16035), (71, 16041), (76, 16086), (95, 16200), (97, 16209),

Gene: Manu_25 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Manu_25:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: MarQuardt_24 Start: 14474, Stop: 15070, Start Num: 20
Candidate Starts for MarQuardt_24:
(Start: 20 @14474 has 294 MA's), (Start: 25 @14498 has 1 MA's), (29, 14519), (31, 14534), (45, 14645), (60, 14822), (71, 14882), (76, 14927),

Gene: Marchesa_22 Start: 14043, Stop: 14627, Start Num: 20
Candidate Starts for Marchesa_22:
(13, 14004), (Start: 20 @14043 has 294 MA's), (Start: 24 @14064 has 2 MA's), (Start: 25 @14067 has 1 MA's), (29, 14088), (31, 14103), (45, 14214), (47, 14286), (70, 14442), (76, 14493), (79, 14523), (82, 14547),

Gene: Margo_23 Start: 14556, Stop: 15155, Start Num: 20
Candidate Starts for Margo_23:
(Start: 20 @14556 has 294 MA's), (Start: 24 @14577 has 2 MA's), (Start: 25 @14580 has 1 MA's), (29, 14601), (31, 14616), (42, 14697), (45, 14733), (47, 14805), (70, 14961), (79, 15042),

Gene: Marie_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Marie_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Marius_25 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Marius_25:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: MarysWell_18 Start: 13476, Stop: 14303, Start Num: 3
Candidate Starts for MarysWell_18:
(Start: 3 @13476 has 37 MA's), (8, 13605), (Start: 24 @13737 has 2 MA's), (26, 13743), (30, 13776), (33, 13809), (38, 13839), (45, 13899), (52, 14004), (60, 14076), (71, 14133), (86, 14253),

Gene: Maverick_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Maverick_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Maxo_22 Start: 14386, Stop: 14976, Start Num: 20
Candidate Starts for Maxo_22:
(Start: 20 @14386 has 294 MA's), (Start: 24 @14407 has 2 MA's), (Start: 25 @14410 has 1 MA's), (45, 14557), (69, 14782), (76, 14836), (79, 14866),

Gene: Mayonnaise_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Mayonnaise_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Mazhar510_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for Mazhar510_22:
(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: McFly_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for McFly_26:
(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (45, 15386), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: Medusa_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for Medusa_22:

(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: MeeZee_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for MeeZee_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: MegTheThird_22 Start: 14023, Stop: 14619, Start Num: 21
Candidate Starts for MegTheThird_22:
(Start: 21 @14023 has 235 MA's), (Start: 25 @14047 has 1 MA's), (60, 14377), (67, 14419), (70, 14428), (76, 14479),

Gene: Melvin_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Melvin_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Methuselah_23 Start: 14556, Stop: 15152, Start Num: 20
Candidate Starts for Methuselah_23:
(Start: 20 @14556 has 294 MA's), (Start: 25 @14580 has 1 MA's), (29, 14601), (31, 14616), (45, 14727), (60, 14904), (71, 14964), (76, 15009),

Gene: Micasa_19 Start: 13477, Stop: 14304, Start Num: 3
Candidate Starts for Micasa_19:
(Start: 3 @13477 has 37 MA's), (8, 13606), (Start: 24 @13738 has 2 MA's), (26, 13744), (30, 13777), (33, 13810), (38, 13840), (45, 13900), (52, 14005), (60, 14077), (71, 14134), (86, 14254),

Gene: Microwolf_24 Start: 14474, Stop: 15070, Start Num: 20
Candidate Starts for Microwolf_24:
(Start: 20 @14474 has 294 MA's), (Start: 25 @14498 has 1 MA's), (29, 14519), (31, 14534), (45, 14645), (60, 14822), (71, 14882), (76, 14927),

Gene: MiculUcigas_23 Start: 15150, Stop: 15740, Start Num: 21
Candidate Starts for MiculUcigas_23:
(Start: 21 @15150 has 235 MA's), (Start: 25 @15174 has 1 MA's), (29, 15195), (31, 15210), (50, 15426), (60, 15504), (61, 15513), (72, 15570), (82, 15657), (95, 15717),

Gene: Midas2_19 Start: 13476, Stop: 14303, Start Num: 3
Candidate Starts for Midas2_19:
(Start: 3 @13476 has 37 MA's), (8, 13605), (Start: 24 @13737 has 2 MA's), (26, 13743), (30, 13776), (33, 13809), (38, 13839), (45, 13899), (52, 14004), (60, 14076), (71, 14133), (86, 14253),

Gene: Miko_26 Start: 16727, Stop: 17308, Start Num: 21
Candidate Starts for Miko_26:
(Start: 21 @16727 has 235 MA's), (Start: 25 @16751 has 1 MA's), (29, 16772), (34, 16814), (50, 17000), (60, 17078), (61, 17087), (70, 17126), (82, 17231), (95, 17291),

Gene: Milcery_19 Start: 13513, Stop: 14340, Start Num: 3
Candidate Starts for Milcery_19:
(Start: 3 @13513 has 37 MA's), (8, 13642), (Start: 24 @13774 has 2 MA's), (26, 13780), (30, 13813), (33, 13846), (38, 13876), (45, 13936), (52, 14041), (60, 14113), (71, 14170), (86, 14290),

Gene: Millski_22 Start: 14391, Stop: 14981, Start Num: 20
Candidate Starts for Millski_22:
(Start: 20 @14391 has 294 MA's), (Start: 24 @14412 has 2 MA's), (Start: 25 @14415 has 1 MA's), (45, 14562), (69, 14787), (76, 14841), (79, 14871),

Gene: MinecraftSteve_26 Start: 14354, Stop: 14956, Start Num: 21
Candidate Starts for MinecraftSteve_26:
(Start: 21 @14354 has 235 MA's), (Start: 24 @14375 has 2 MA's), (28, 14390), (29, 14399), (45, 14528), (46, 14564),

Gene: Minispark_21 Start: 13967, Stop: 14563, Start Num: 21
Candidate Starts for Minispark_21:
(Start: 21 @13967 has 235 MA's), (Start: 25 @13991 has 1 MA's), (29, 14012), (30, 14018), (67, 14363), (70, 14372), (71, 14378), (76, 14423), (95, 14537), (97, 14546),

Gene: Miramae_22 Start: 14342, Stop: 14929, Start Num: 20
Candidate Starts for Miramae_22:
(Start: 20 @14342 has 294 MA's), (Start: 24 @14363 has 2 MA's), (Start: 25 @14366 has 1 MA's), (31, 14402), (45, 14519), (72, 14765), (76, 14798), (79, 14828),

Gene: Misomonster_26 Start: 14556, Stop: 15152, Start Num: 20
Candidate Starts for Misomonster_26:
(Start: 20 @14556 has 294 MA's), (Start: 25 @14580 has 1 MA's), (29, 14601), (31, 14616), (45, 14727), (60, 14904), (71, 14964), (76, 15009),

Gene: MissWhite_23 Start: 14201, Stop: 14800, Start Num: 20
Candidate Starts for MissWhite_23:
(Start: 20 @14201 has 294 MA's), (Start: 24 @14222 has 2 MA's), (Start: 25 @14225 has 1 MA's), (29, 14246), (46, 14411), (60, 14552), (61, 14561), (69, 14597), (72, 14618), (82, 14705),

Gene: MoneyMay_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for MoneyMay_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Montavir_23 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for Montavir_23:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: Morpher26_22 Start: 14396, Stop: 14983, Start Num: 20
Candidate Starts for Morpher26_22:
(Start: 20 @14396 has 294 MA's), (Start: 24 @14417 has 2 MA's), (Start: 25 @14420 has 1 MA's), (31, 14456), (45, 14573), (69, 14798), (72, 14819), (76, 14852), (79, 14882),

Gene: Morrow_22 Start: 14391, Stop: 14981, Start Num: 20
Candidate Starts for Morrow_22:
(Start: 20 @14391 has 294 MA's), (Start: 24 @14412 has 2 MA's), (Start: 25 @14415 has 1 MA's), (45, 14562), (69, 14787), (76, 14841), (79, 14871),

Gene: MuchMore_26 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for MuchMore_26:

(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: Mulciber_23 Start: 15633, Stop: 16247, Start Num: 21
Candidate Starts for Mulciber_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: Munch_23 Start: 15633, Stop: 16253, Start Num: 21
Candidate Starts for Munch_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: Mundrea_22 Start: 14362, Stop: 14949, Start Num: 20
Candidate Starts for Mundrea_22:
(Start: 20 @14362 has 294 MA's), (Start: 24 @14383 has 2 MA's), (Start: 25 @14386 has 1 MA's), (31, 14422), (45, 14539), (72, 14785), (76, 14818), (79, 14848),

Gene: MyraDee_20 Start: 12568, Stop: 13170, Start Num: 21
Candidate Starts for MyraDee_20:
(Start: 21 @12568 has 235 MA's), (45, 12736), (50, 12838), (53, 12847), (59, 12907), (61, 12925), (71, 12973), (79, 13048), (86, 13093),

Gene: Myxus_24 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for Myxus_24:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (61, 16263), (76, 16356), (95, 16470), (97, 16479),

Gene: NaSiaTalie_23 Start: 15147, Stop: 15737, Start Num: 21
Candidate Starts for NaSiaTalie_23:
(Start: 21 @15147 has 235 MA's), (Start: 25 @15171 has 1 MA's), (29, 15192), (50, 15423), (60, 15501), (61, 15510), (72, 15567), (82, 15654), (95, 15714),

Gene: Naca_19 Start: 13432, Stop: 14262, Start Num: 3
Candidate Starts for Naca_19:
(Start: 3 @13432 has 37 MA's), (8, 13561), (12, 13615), (Start: 24 @13693 has 2 MA's), (26, 13699), (33, 13765), (38, 13798), (45, 13858), (52, 13963), (60, 14035), (61, 14044), (69, 14083), (71, 14092), (82, 14191), (86, 14212),

Gene: Naiad_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Naiad_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Naji_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for Naji_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: Nancinator_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Nancinator_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Natosaleda_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Natosaleda_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: NearlyHeadless_19 Start: 13054, Stop: 13656, Start Num: 21
Candidate Starts for NearlyHeadless_19:
(10, 12952), (Start: 17 @13048 has 1 MA's), (Start: 21 @13054 has 235 MA's), (34, 13141), (45, 13228), (46, 13264), (47, 13300), (50, 13330), (61, 13417), (62, 13432), (70, 13459), (76, 13510), (79, 13540),

Gene: Nebs_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Nebs_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Nebulosus_25 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for Nebulosus_25:
(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Nedarya_24 Start: 14901, Stop: 15500, Start Num: 21
Candidate Starts for Nedarya_24:
(Start: 21 @14901 has 235 MA's), (Start: 24 @14922 has 2 MA's), (Start: 25 @14925 has 1 MA's), (45, 15075), (61, 15261),

Gene: Neeharika16_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for Neeharika16_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: Nemo27_22 Start: 14408, Stop: 14977, Start Num: 24
Candidate Starts for Nemo27_22:
(Start: 20 @14387 has 294 MA's), (Start: 24 @14408 has 2 MA's), (Start: 25 @14411 has 1 MA's), (45, 14558), (69, 14783), (76, 14837), (79, 14867),

Gene: Newrala_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for Newrala_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: NicoleTera_27 Start: 16855, Stop: 17448, Start Num: 21
Candidate Starts for NicoleTera_27:
(Start: 21 @16855 has 235 MA's), (Start: 25 @16879 has 1 MA's), (29, 16900), (46, 17065), (50, 17128), (60, 17206), (61, 17215), (67, 17245), (72, 17272), (82, 17359), (97, 17428),

Gene: Noella_23 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Noella_23:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Noelle_22 Start: 14448, Stop: 15035, Start Num: 20

Candidate Starts for Noelle_22:
(Start: 20 @14448 has 294 MA's), (Start: 24 @14469 has 2 MA's), (Start: 25 @14472 has 1 MA's), (31, 14508), (45, 14625), (68, 14847), (76, 14904), (79, 14934),

Gene: Norbert_22 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Norbert_22:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: NorthStar_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for NorthStar_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: NotAPhaseMom_22 Start: 14392, Stop: 14982, Start Num: 20
Candidate Starts for NotAPhaseMom_22:
(Start: 20 @14392 has 294 MA's), (Start: 24 @14413 has 2 MA's), (Start: 25 @14416 has 1 MA's), (45, 14563), (69, 14788), (76, 14842), (79, 14872),

Gene: NothingSpecial_25 Start: 17114, Stop: 17704, Start Num: 21
Candidate Starts for NothingSpecial_25:
(Start: 21 @17114 has 235 MA's), (Start: 25 @17138 has 1 MA's), (29, 17159), (50, 17387), (60, 17465), (61, 17474), (70, 17513), (72, 17531), (76, 17564), (82, 17618), (97, 17687),

Gene: Nyxis_22 Start: 14331, Stop: 14921, Start Num: 20
Candidate Starts for Nyxis_22:
(Start: 20 @14331 has 294 MA's), (Start: 24 @14352 has 2 MA's), (Start: 25 @14355 has 1 MA's), (45, 14502), (69, 14727), (76, 14781), (79, 14811),

Gene: OKCentral2016_22 Start: 13895, Stop: 14491, Start Num: 20
Candidate Starts for OKCentral2016_22:
(13, 13856), (Start: 20 @13895 has 294 MA's), (Start: 24 @13916 has 2 MA's), (Start: 25 @13919 has 1 MA's), (31, 13955), (45, 14072), (70, 14300), (71, 14306), (76, 14351), (79, 14381),

Gene: OKaNui_23 Start: 14441, Stop: 15031, Start Num: 20
Candidate Starts for OKaNui_23:
(Start: 20 @14441 has 294 MA's), (Start: 24 @14462 has 2 MA's), (Start: 25 @14465 has 1 MA's), (45, 14612), (69, 14837), (76, 14891), (79, 14921),

Gene: Obama12_23 Start: 14702, Stop: 15292, Start Num: 20
Candidate Starts for Obama12_23:
(Start: 20 @14702 has 294 MA's), (Start: 24 @14723 has 2 MA's), (Start: 25 @14726 has 1 MA's), (45, 14873), (69, 15098), (76, 15152), (79, 15182),

Gene: Odin_22 Start: 13878, Stop: 14471, Start Num: 20
Candidate Starts for Odin_22:
(Start: 20 @13878 has 294 MA's), (Start: 24 @13899 has 2 MA's), (Start: 25 @13902 has 1 MA's), (29, 13923), (50, 14151), (60, 14229), (61, 14238), (67, 14268), (69, 14274), (72, 14295), (82, 14382),

Gene: Ohfah_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Ohfah_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: OlanP_24 Start: 14727, Stop: 15332, Start Num: 20
Candidate Starts for OlanP_24:
(Start: 20 @14727 has 294 MA's), (Start: 25 @14751 has 1 MA's), (29, 14772), (31, 14787), (45, 14898), (60, 15075), (71, 15135), (76, 15180),

Gene: Ollie_24 Start: 14344, Stop: 14940, Start Num: 20
Candidate Starts for Ollie_24:
(Start: 20 @14344 has 294 MA's), (Start: 25 @14368 has 1 MA's), (29, 14389), (31, 14404), (45, 14515), (60, 14692), (70, 14746), (71, 14752), (76, 14797),

Gene: Onglai_23 Start: 14234, Stop: 14830, Start Num: 21
Candidate Starts for Onglai_23:
(Start: 21 @14234 has 235 MA's), (Start: 25 @14258 has 1 MA's), (29, 14279), (34, 14321), (61, 14597), (70, 14639), (76, 14690), (95, 14804), (97, 14813),

Gene: Oofda_25 Start: 14203, Stop: 14805, Start Num: 21
Candidate Starts for Oofda_25:
(Start: 21 @14203 has 235 MA's), (Start: 24 @14224 has 2 MA's), (28, 14239), (29, 14248), (45, 14377), (46, 14413),

Gene: Orange_23 Start: 15633, Stop: 16253, Start Num: 21
Candidate Starts for Orange_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: P28Green_24 Start: 14475, Stop: 15068, Start Num: 20
Candidate Starts for P28Green_24:
(Start: 20 @14475 has 294 MA's), (Start: 25 @14499 has 1 MA's), (29, 14520), (31, 14535), (45, 14646), (60, 14823), (71, 14883), (76, 14928),

Gene: PGHhamlin_26 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for PGHhamlin_26:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: PP_32 Start: 20281, Stop: 20862, Start Num: 21
Candidate Starts for PP_32:
(Start: 21 @20281 has 235 MA's), (Start: 24 @20302 has 2 MA's), (45, 20452), (46, 20488), (48, 20527), (69, 20677), (79, 20761),

Gene: PackMan_24 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for PackMan_24:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (61, 16263), (76, 16356), (95, 16470), (97, 16479),

Gene: PainterBoy_24 Start: 15265, Stop: 15858, Start Num: 21
Candidate Starts for PainterBoy_24:
(Start: 21 @15265 has 235 MA's), (Start: 25 @15289 has 1 MA's), (29, 15310), (55, 15568), (76, 15715), (88, 15802), (97, 15838),

Gene: Palestino_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Palestino_22:

(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Panamaxus_22 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Panamaxus_22:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Partridge_18 Start: 10405, Stop: 11268, Start Num: 2
Candidate Starts for Partridge_18:
(1, 10342), (Start: 2 @10405 has 36 MA's), (29, 10711), (50, 10963), (52, 10969), (59, 11032), (61, 11050), (69, 11092), (82, 11200),

Gene: Pavo_16 Start: 10136, Stop: 10711, Start Num: 27
Candidate Starts for Pavo_16:
(Start: 27 @10136 has 10 MA's), (50, 10370), (71, 10508), (85, 10625),

Gene: Pawn_24 Start: 14547, Stop: 15143, Start Num: 20
Candidate Starts for Pawn_24:
(Start: 20 @14547 has 294 MA's), (Start: 25 @14571 has 1 MA's), (29, 14592), (31, 14607), (45, 14718), (60, 14895), (70, 14949), (71, 14955), (76, 15000),

Gene: PeaceMeal1_21 Start: 12295, Stop: 12891, Start Num: 20
Candidate Starts for PeaceMeal1_21:
(Start: 20 @12295 has 294 MA's), (Start: 24 @12316 has 2 MA's), (Start: 25 @12319 has 1 MA's), (31, 12355), (45, 12472), (70, 12700), (71, 12706), (79, 12781),

Gene: Peaches_22 Start: 14387, Stop: 14977, Start Num: 20
Candidate Starts for Peaches_22:
(Start: 20 @14387 has 294 MA's), (Start: 24 @14408 has 2 MA's), (Start: 25 @14411 has 1 MA's), (45, 14558), (69, 14783), (76, 14837), (79, 14867),

Gene: Pembroke_24 Start: 14474, Stop: 15070, Start Num: 20
Candidate Starts for Pembroke_24:
(Start: 20 @14474 has 294 MA's), (Start: 25 @14498 has 1 MA's), (29, 14519), (31, 14534), (45, 14645), (60, 14822), (71, 14882), (76, 14927),

Gene: Penny1_24 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for Penny1_24:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: Perplexer_22 Start: 14390, Stop: 14977, Start Num: 20
Candidate Starts for Perplexer_22:
(Start: 20 @14390 has 294 MA's), (Start: 24 @14411 has 2 MA's), (Start: 25 @14414 has 1 MA's), (31, 14450), (45, 14567), (69, 14792), (72, 14813), (76, 14846), (79, 14876),

Gene: PeterPeter_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for PeterPeter_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Petersenfast_22 Start: 15636, Stop: 16250, Start Num: 21

Candidate Starts for Petersenfast_22:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: PetiteSangsue_22 Start: 14396, Stop: 14983, Start Num: 20
Candidate Starts for PetiteSangsue_22:
(Start: 20 @14396 has 294 MA's), (Start: 24 @14417 has 2 MA's), (Start: 25 @14420 has 1 MA's), (31, 14456), (45, 14573), (69, 14798), (72, 14819), (76, 14852), (79, 14882),

Gene: PetterN_20 Start: 13318, Stop: 14148, Start Num: 3
Candidate Starts for PetterN_20:
(Start: 3 @13318 has 37 MA's), (8, 13447), (12, 13501), (Start: 24 @13579 has 2 MA's), (26, 13585), (33, 13651), (35, 13657), (38, 13684), (45, 13744), (52, 13849), (54, 13855), (60, 13921), (61, 13930), (68, 13966), (69, 13969), (71, 13978), (86, 14098),

Gene: Ph8s_24 Start: 13834, Stop: 14427, Start Num: 20
Candidate Starts for Ph8s_24:
(Start: 20 @13834 has 294 MA's), (Start: 24 @13855 has 2 MA's), (Start: 25 @13858 has 1 MA's), (29, 13879), (50, 14107), (60, 14185), (61, 14194), (67, 14224), (69, 14230), (72, 14251), (82, 14338),

Gene: Phacado_22 Start: 14387, Stop: 14977, Start Num: 20
Candidate Starts for Phacado_22:
(Start: 20 @14387 has 294 MA's), (Start: 24 @14408 has 2 MA's), (Start: 25 @14411 has 1 MA's), (45, 14558), (69, 14783), (76, 14837), (79, 14867),

Gene: Phaded_26 Start: 17198, Stop: 17788, Start Num: 19
Candidate Starts for Phaded_26:
(Start: 19 @17198 has 5 MA's), (Start: 25 @17222 has 1 MA's), (29, 17243), (50, 17471), (52, 17477), (61, 17558), (70, 17597), (82, 17702),

Gene: Phaeder_24 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for Phaeder_24:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (61, 16263), (76, 16356), (95, 16470), (97, 16479),

Gene: PhailMary_17 Start: 10388, Stop: 11245, Start Num: 2
Candidate Starts for PhailMary_17:
(1, 10325), (Start: 2 @10388 has 36 MA's), (11, 10568), (29, 10694), (50, 10940), (52, 10946), (59, 11009), (61, 11027), (69, 11069), (82, 11177),

Gene: Phantastic_22 Start: 13958, Stop: 14542, Start Num: 20
Candidate Starts for Phantastic_22:
(13, 13919), (Start: 20 @13958 has 294 MA's), (Start: 24 @13979 has 2 MA's), (Start: 25 @13982 has 1 MA's), (29, 14003), (31, 14018), (45, 14129), (47, 14201), (70, 14357), (76, 14408),

Gene: Pharaoh_23 Start: 15662, Stop: 16255, Start Num: 21
Candidate Starts for Pharaoh_23:
(Start: 21 @15662 has 235 MA's), (Start: 25 @15686 has 1 MA's), (60, 16013), (70, 16064), (82, 16169), (97, 16238),

Gene: Phelipe_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Phelipe_22:

(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Phighter1804_22 Start: 14366, Stop: 14956, Start Num: 20
Candidate Starts for Phighter1804_22:
(Start: 20 @14366 has 294 MA's), (Start: 24 @14387 has 2 MA's), (Start: 25 @14390 has 1 MA's), (45, 14537), (69, 14762), (76, 14816), (79, 14846),

Gene: Phillis_19 Start: 13012, Stop: 13614, Start Num: 21
Candidate Starts for Phillis_19:
(Start: 17 @13006 has 1 MA's), (Start: 21 @13012 has 235 MA's), (45, 13186), (46, 13222), (47, 13258), (61, 13375), (62, 13390), (70, 13417), (71, 13423), (76, 13468), (79, 13498),

Gene: PhishRPhriends_23 Start: 13732, Stop: 14337, Start Num: 20
Candidate Starts for PhishRPhriends_23:
(Start: 20 @13732 has 294 MA's), (Start: 25 @13756 has 1 MA's), (29, 13777), (31, 13792), (45, 13903), (60, 14080), (70, 14134), (71, 14140), (76, 14185),

Gene: Phlorence_19 Start: 13613, Stop: 14440, Start Num: 3
Candidate Starts for Phlorence_19:
(Start: 3 @13613 has 37 MA's), (8, 13742), (Start: 24 @13874 has 2 MA's), (26, 13880), (30, 13913), (33, 13946), (38, 13976), (45, 14036), (52, 14141), (60, 14213), (71, 14270), (86, 14390),

Gene: Phoebe_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Phoebe_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Phonnegut_24 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for Phonnegut_24:
(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (34, 16020), (61, 16296), (70, 16338), (76, 16389), (95, 16503), (97, 16512),

Gene: Phontbonne_22 Start: 14332, Stop: 14922, Start Num: 20
Candidate Starts for Phontbonne_22:
(Start: 20 @14332 has 294 MA's), (Start: 24 @14353 has 2 MA's), (Start: 25 @14356 has 1 MA's), (45, 14503), (69, 14728), (76, 14782), (79, 14812),

Gene: Phoxy_24 Start: 14557, Stop: 15153, Start Num: 20
Candidate Starts for Phoxy_24:
(Start: 20 @14557 has 294 MA's), (Start: 25 @14581 has 1 MA's), (29, 14602), (31, 14617), (45, 14728), (60, 14905), (71, 14965), (76, 15010),

Gene: Phrankenstein_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Phrankenstein_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Phranny_25 Start: 14539, Stop: 15135, Start Num: 20
Candidate Starts for Phranny_25:
(Start: 20 @14539 has 294 MA's), (Start: 25 @14563 has 1 MA's), (29, 14584), (31, 14599), (45, 14710), (60, 14887), (70, 14941), (71, 14947), (76, 14992),

Gene: PickleBack_19 Start: 13327, Stop: 14154, Start Num: 3
Candidate Starts for PickleBack_19:
(Start: 3 @13327 has 37 MA's), (8, 13456), (Start: 24 @13588 has 2 MA's), (26, 13594), (30, 13627), (33, 13660), (38, 13690), (45, 13750), (52, 13855), (60, 13927), (71, 13984), (86, 14104),

Gene: Pioneer_24 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for Pioneer_24:
(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (34, 16020), (61, 16296), (70, 16338), (76, 16389), (95, 16503), (97, 16512),

Gene: Pipcraft_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Pipcraft_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Piro94_24 Start: 15608, Stop: 16198, Start Num: 21
Candidate Starts for Piro94_24:
(Start: 21 @15608 has 235 MA's), (Start: 25 @15632 has 1 MA's), (29, 15653), (50, 15884), (60, 15962), (61, 15971), (72, 16028), (82, 16115), (95, 16175),

Gene: Pistachio_23 Start: 13539, Stop: 14123, Start Num: 20
Candidate Starts for Pistachio_23:
(13, 13500), (Start: 20 @13539 has 294 MA's), (Start: 24 @13560 has 2 MA's), (Start: 25 @13563 has 1 MA's), (29, 13584), (31, 13599), (45, 13710), (47, 13782), (70, 13938), (76, 13989), (79, 14019), (82, 14043),

Gene: Pmask_26 Start: 15201, Stop: 15803, Start Num: 21
Candidate Starts for Pmask_26:
(Start: 21 @15201 has 235 MA's), (Start: 25 @15225 has 1 MA's), (45, 15378), (61, 15564), (69, 15600), (71, 15609), (72, 15621), (78, 15678),

Gene: Pocahontas_23 Start: 14528, Stop: 15127, Start Num: 20
Candidate Starts for Pocahontas_23:
(Start: 20 @14528 has 294 MA's), (Start: 24 @14549 has 2 MA's), (Start: 25 @14552 has 1 MA's), (29, 14573), (31, 14588), (42, 14669), (45, 14705), (47, 14777), (70, 14933), (79, 15014),

Gene: Polymorphads_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Polymorphads_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Polyphemus_26 Start: 15202, Stop: 15804, Start Num: 21
Candidate Starts for Polyphemus_26:
(Start: 21 @15202 has 235 MA's), (Start: 25 @15226 has 1 MA's), (45, 15379), (61, 15565), (69, 15601), (71, 15610), (72, 15622), (78, 15679),

Gene: Pomar16_26 Start: 15026, Stop: 15622, Start Num: 20
Candidate Starts for Pomar16_26:
(Start: 20 @15026 has 294 MA's), (Start: 25 @15050 has 1 MA's), (29, 15071), (51, 15302), (60, 15377), (61, 15386), (70, 15425), (72, 15443),

Gene: Poompha_21 Start: 12293, Stop: 12889, Start Num: 20
Candidate Starts for Poompha_21:

(Start: 20 @12293 has 294 MA's), (Start: 24 @12314 has 2 MA's), (Start: 25 @12317 has 1 MA's), (31, 12353), (45, 12470), (70, 12698), (71, 12704), (79, 12779),

Gene: Popcicle_23 Start: 14528, Stop: 15127, Start Num: 20
Candidate Starts for Popcicle_23:
(Start: 20 @14528 has 294 MA's), (Start: 24 @14549 has 2 MA's), (Start: 25 @14552 has 1 MA's), (29, 14573), (31, 14588), (42, 14669), (45, 14705), (47, 14777), (70, 14933), (79, 15014),

Gene: PotatoSplit_25 Start: 14473, Stop: 15069, Start Num: 20
Candidate Starts for PotatoSplit_25:
(Start: 20 @14473 has 294 MA's), (Start: 25 @14497 has 1 MA's), (29, 14518), (31, 14533), (45, 14644), (60, 14821), (71, 14881), (76, 14926),

Gene: Power_23 Start: 15024, Stop: 15614, Start Num: 21
Candidate Starts for Power_23:
(Start: 21 @15024 has 235 MA's), (Start: 25 @15048 has 1 MA's), (29, 15069), (44, 15174), (50, 15297), (60, 15375), (61, 15384), (70, 15423), (82, 15528), (95, 15588),

Gene: Priamo_26 Start: 15225, Stop: 15827, Start Num: 21
Candidate Starts for Priamo_26:
(Start: 21 @15225 has 235 MA's), (Start: 25 @15249 has 1 MA's), (45, 15402), (61, 15588), (69, 15624), (71, 15633), (72, 15645), (78, 15702),

Gene: Prinashe11_20 Start: 13476, Stop: 14303, Start Num: 3
Candidate Starts for Prinashe11_20:
(Start: 3 @13476 has 37 MA's), (8, 13605), (Start: 24 @13737 has 2 MA's), (26, 13743), (30, 13776), (33, 13809), (38, 13839), (45, 13899), (52, 14004), (60, 14076), (71, 14133), (86, 14253),

Gene: Priya_24 Start: 15931, Stop: 16527, Start Num: 21
Candidate Starts for Priya_24:
(Start: 21 @15931 has 235 MA's), (Start: 25 @15955 has 1 MA's), (29, 15976), (30, 15982), (61, 16294), (70, 16336), (76, 16387), (88, 16474), (95, 16501), (97, 16510),

Gene: Provolone_16 Start: 9866, Stop: 10441, Start Num: 27
Candidate Starts for Provolone_16:
(Start: 27 @9866 has 10 MA's), (50, 10100), (71, 10238), (85, 10355),

Gene: Prudy_25 Start: 16907, Stop: 17500, Start Num: 21
Candidate Starts for Prudy_25:
(Start: 21 @16907 has 235 MA's), (Start: 25 @16931 has 1 MA's), (29, 16952), (50, 17180), (60, 17258), (70, 17306), (82, 17411), (97, 17480),

Gene: Pukovnik_25 Start: 16753, Stop: 17343, Start Num: 21
Candidate Starts for Pukovnik_25:
(Start: 21 @16753 has 235 MA's), (Start: 25 @16777 has 1 MA's), (29, 16798), (50, 17026), (52, 17032), (61, 17113), (70, 17152), (82, 17257), (95, 17317),

Gene: Pumbaa_22 Start: 14363, Stop: 14953, Start Num: 20
Candidate Starts for Pumbaa_22:
(Start: 20 @14363 has 294 MA's), (Start: 24 @14384 has 2 MA's), (Start: 25 @14387 has 1 MA's), (45, 14534), (69, 14759), (76, 14813), (79, 14843),

Gene: Puppy_23 Start: 13611, Stop: 14195, Start Num: 20

Candidate Starts for Puppy_23:
(13, 13572), (Start: 20 @13611 has 294 MA's), (Start: 24 @13632 has 2 MA's), (Start: 25 @13635 has 1 MA's), (29, 13656), (31, 13671), (45, 13782), (47, 13854), (70, 14010), (76, 14061), (79, 14091),

Gene: PurpleHaze_24 Start: 14546, Stop: 15142, Start Num: 20
Candidate Starts for PurpleHaze_24:
(Start: 20 @14546 has 294 MA's), (Start: 25 @14570 has 1 MA's), (29, 14591), (31, 14606), (45, 14717), (60, 14894), (70, 14948), (71, 14954), (76, 14999),

Gene: Qobbit_24 Start: 15930, Stop: 16526, Start Num: 21
Candidate Starts for Qobbit_24:
(Start: 21 @15930 has 235 MA's), (Start: 25 @15954 has 1 MA's), (29, 15975), (34, 16017), (61, 16293), (70, 16335), (76, 16386), (95, 16500), (97, 16509),

Gene: QueenB2_23 Start: 15099, Stop: 15683, Start Num: 21
Candidate Starts for QueenB2_23:
(Start: 21 @15099 has 235 MA's), (Start: 25 @15123 has 1 MA's), (29, 15144), (46, 15306), (60, 15447), (61, 15456), (67, 15486), (70, 15495), (72, 15513), (76, 15546), (82, 15600), (87, 15624), (95, 15660),

Gene: QueenBeesly_23 Start: 15024, Stop: 15614, Start Num: 21
Candidate Starts for QueenBeesly_23:
(Start: 21 @15024 has 235 MA's), (Start: 25 @15048 has 1 MA's), (29, 15069), (44, 15174), (50, 15297), (60, 15375), (61, 15384), (70, 15423), (74, 15447), (82, 15528), (95, 15588),

Gene: QuinnKiro_22 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for QuinnKiro_22:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Quokka_21 Start: 14011, Stop: 14601, Start Num: 20
Candidate Starts for Quokka_21:
(Start: 20 @14011 has 294 MA's), (Start: 25 @14035 has 1 MA's), (29, 14056), (34, 14098), (50, 14284), (60, 14362), (61, 14371), (67, 14401), (70, 14410), (72, 14428),

Gene: RER2_11 Start: 7250, Stop: 8107, Start Num: 2
Candidate Starts for RER2_11:
(1, 7187), (Start: 2 @7250 has 36 MA's), (9, 7391), (Start: 21 @7502 has 235 MA's), (29, 7556), (50, 7802), (52, 7808), (59, 7871), (61, 7889), (69, 7931), (82, 8039), (94, 8099),

Gene: RGL3_11 Start: 7217, Stop: 8077, Start Num: 2
Candidate Starts for RGL3_11:
(1, 7154), (Start: 2 @7217 has 36 MA's), (6, 7316), (29, 7523), (35, 7574), (50, 7775), (52, 7781), (59, 7844), (60, 7853), (61, 7862), (64, 7886), (69, 7904), (71, 7913), (82, 8012),

Gene: Rachaly_26 Start: 16754, Stop: 17335, Start Num: 21
Candidate Starts for Rachaly_26:
(Start: 21 @16754 has 235 MA's), (Start: 25 @16778 has 1 MA's), (29, 16799), (50, 17027), (60, 17105), (61, 17114), (70, 17153), (82, 17258),

Gene: Rahalelujah_22 Start: 13967, Stop: 14563, Start Num: 21
Candidate Starts for Rahalelujah_22:

(Start: 21 @13967 has 235 MA's), (Start: 25 @13991 has 1 MA's), (29, 14012), (30, 14018), (67, 14363), (70, 14372), (71, 14378), (76, 14423), (95, 14537), (97, 14546),

Gene: Rasputin_18 Start: 10346, Stop: 11203, Start Num: 2
Candidate Starts for Rasputin_18:
(1, 10283), (Start: 2 @10346 has 36 MA's), (Start: 21 @10598 has 235 MA's), (29, 10652), (50, 10898), (52, 10904), (59, 10967), (69, 11027), (71, 11036), (82, 11135),

Gene: Ravana_26 Start: 14193, Stop: 14795, Start Num: 21
Candidate Starts for Ravana_26:
(Start: 21 @14193 has 235 MA's), (Start: 24 @14214 has 2 MA's), (28, 14229), (29, 14238), (45, 14367), (46, 14403),

Gene: ReMo_25 Start: 14232, Stop: 14834, Start Num: 21
Candidate Starts for ReMo_25:
(Start: 21 @14232 has 235 MA's), (Start: 24 @14253 has 2 MA's), (28, 14268), (29, 14277), (45, 14406), (46, 14442),

Gene: Reba_25 Start: 14212, Stop: 14808, Start Num: 20
Candidate Starts for Reba_25:
(Start: 20 @14212 has 294 MA's), (Start: 25 @14236 has 1 MA's), (29, 14257), (31, 14272), (45, 14383), (60, 14560), (70, 14614), (71, 14620), (76, 14665),

Gene: Rebeuca_23 Start: 14383, Stop: 14979, Start Num: 20
Candidate Starts for Rebeuca_23:
(13, 14344), (Start: 20 @14383 has 294 MA's), (Start: 24 @14404 has 2 MA's), (Start: 25 @14407 has 1 MA's), (31, 14443), (45, 14560), (59, 14728), (71, 14794), (74, 14812), (79, 14869),

Gene: RedRock_26 Start: 17037, Stop: 17630, Start Num: 21
Candidate Starts for RedRock_26:
(Start: 21 @17037 has 235 MA's), (Start: 25 @17061 has 1 MA's), (29, 17082), (46, 17247), (50, 17310), (60, 17388), (61, 17397), (72, 17454), (82, 17541),

Gene: Refuge_26 Start: 17440, Stop: 18033, Start Num: 21
Candidate Starts for Refuge_26:
(Start: 21 @17440 has 235 MA's), (Start: 25 @17464 has 1 MA's), (82, 17950), (97, 18019),

Gene: Relief_22 Start: 14386, Stop: 14976, Start Num: 20
Candidate Starts for Relief_22:
(Start: 20 @14386 has 294 MA's), (Start: 24 @14407 has 2 MA's), (Start: 25 @14410 has 1 MA's), (45, 14557), (69, 14782), (76, 14836), (79, 14866),

Gene: Remus_25 Start: 14193, Stop: 14795, Start Num: 21
Candidate Starts for Remus_25:
(Start: 21 @14193 has 235 MA's), (Start: 24 @14214 has 2 MA's), (28, 14229), (29, 14238), (45, 14367), (46, 14403),

Gene: ResDef_23 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for ResDef_23:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Retro23_23 Start: 15172, Stop: 15756, Start Num: 21

Candidate Starts for Retro23_23:
(Start: 21 @15172 has 235 MA's), (Start: 25 @15196 has 1 MA's), (29, 15217), (42, 15313), (60, 15526), (61, 15535), (67, 15565), (72, 15592), (76, 15625), (82, 15679),

Gene: RexFury_18 Start: 10409, Stop: 11266, Start Num: 2
Candidate Starts for RexFury_18:
(1, 10346), (Start: 2 @10409 has 36 MA's), (9, 10550), (Start: 21 @10661 has 235 MA's), (29, 10715), (50, 10961), (52, 10967), (59, 11030), (61, 11048), (69, 11090), (82, 11198),

Gene: Rhodalysa_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Rhodalysa_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: RhynO_23 Start: 14353, Stop: 14949, Start Num: 20
Candidate Starts for RhynO_23:
(13, 14314), (Start: 20 @14353 has 294 MA's), (Start: 24 @14374 has 2 MA's), (Start: 25 @14377 has 1 MA's), (31, 14413), (45, 14530), (59, 14698), (71, 14764), (74, 14782), (79, 14839),

Gene: Rifter_26 Start: 15182, Stop: 15784, Start Num: 21
Candidate Starts for Rifter_26:
(Start: 21 @15182 has 235 MA's), (Start: 25 @15206 has 1 MA's), (44, 15335), (45, 15359), (46, 15395), (61, 15545), (69, 15581), (71, 15590), (72, 15602), (78, 15659),

Gene: Roary_19 Start: 12997, Stop: 13605, Start Num: 17
Candidate Starts for Roary_19:
(Start: 17 @12997 has 1 MA's), (Start: 21 @13003 has 235 MA's), (45, 13177), (46, 13213), (47, 13249), (50, 13279), (61, 13366), (62, 13381), (70, 13408), (76, 13459), (79, 13489),

Gene: RockieBear_21 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for RockieBear_21:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Rockstar_22 Start: 13886, Stop: 14497, Start Num: 20
Candidate Starts for Rockstar_22:
(Start: 20 @13886 has 294 MA's), (Start: 24 @13907 has 2 MA's), (Start: 25 @13910 has 1 MA's), (29, 13931), (31, 13946), (45, 14063), (70, 14291),

Gene: Roimos_22 Start: 13961, Stop: 14545, Start Num: 20
Candidate Starts for Roimos_22:
(13, 13922), (Start: 20 @13961 has 294 MA's), (Start: 24 @13982 has 2 MA's), (Start: 25 @13985 has 1 MA's), (29, 14006), (31, 14021), (45, 14132), (47, 14204), (70, 14360), (76, 14411), (79, 14441), (82, 14465),

Gene: Roksolana_26 Start: 15210, Stop: 15812, Start Num: 21
Candidate Starts for Roksolana_26:
(Start: 21 @15210 has 235 MA's), (Start: 25 @15234 has 1 MA's), (44, 15363), (45, 15387), (61, 15573), (69, 15609), (71, 15618), (72, 15630), (78, 15687),

Gene: Romney_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Romney_22:

(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Roosevelt_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Roosevelt_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Rosa24_21 Start: 14361, Stop: 14951, Start Num: 20
Candidate Starts for Rosa24_21:
(Start: 20 @14361 has 294 MA's), (Start: 24 @14382 has 2 MA's), (Start: 25 @14385 has 1 MA's), (45, 14532), (69, 14757), (76, 14811), (79, 14841),

Gene: Rosalind_25 Start: 14354, Stop: 14956, Start Num: 21
Candidate Starts for Rosalind_25:
(Start: 21 @14354 has 235 MA's), (Start: 24 @14375 has 2 MA's), (28, 14390), (29, 14399), (45, 14528), (46, 14564),

Gene: Rowdy_25 Start: 14264, Stop: 14860, Start Num: 20
Candidate Starts for Rowdy_25:
(13, 14225), (Start: 20 @14264 has 294 MA's), (Start: 24 @14285 has 2 MA's), (Start: 25 @14288 has 1 MA's), (31, 14324), (45, 14441), (59, 14609), (71, 14675), (74, 14693), (79, 14750),

Gene: Ruin_22 Start: 14384, Stop: 14974, Start Num: 20
Candidate Starts for Ruin_22:
(Start: 20 @14384 has 294 MA's), (Start: 24 @14405 has 2 MA's), (Start: 25 @14408 has 1 MA's), (45, 14555), (69, 14780), (76, 14834), (79, 14864),

Gene: Rummer_24 Start: 14557, Stop: 15153, Start Num: 20
Candidate Starts for Rummer_24:
(Start: 20 @14557 has 294 MA's), (Start: 25 @14581 has 1 MA's), (29, 14602), (31, 14617), (45, 14728), (60, 14905), (71, 14965), (76, 15010),

Gene: RyeScarlet_25 Start: 15904, Stop: 16500, Start Num: 21
Candidate Starts for RyeScarlet_25:
(Start: 21 @15904 has 235 MA's), (Start: 25 @15928 has 1 MA's), (29, 15949), (34, 15991), (61, 16267), (70, 16309), (76, 16360), (95, 16474), (97, 16483),

Gene: Sabertooth_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Sabertooth_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Sabia_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for Sabia_24:
(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: Sabinator_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Sabinator_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Sachima_22 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for Sachima_22:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (34, 15987), (61, 16263), (70, 16305), (76, 16356), (95, 16470), (97, 16479),

Gene: Saftant_15 Start: 10158, Stop: 10715, Start Num: 27
Candidate Starts for Saftant_15:
(Start: 27 @10158 has 10 MA's), (50, 10392), (65, 10506), (71, 10530), (85, 10647),

Gene: Saintus_19 Start: 13018, Stop: 13620, Start Num: 21
Candidate Starts for Saintus_19:
(Start: 17 @13012 has 1 MA's), (Start: 21 @13018 has 235 MA's), (45, 13192), (46, 13228), (47, 13264), (50, 13294), (61, 13381), (62, 13396), (70, 13423), (76, 13474), (79, 13504),

Gene: Salz_23 Start: 15630, Stop: 16244, Start Num: 21
Candidate Starts for Salz_23:
(Start: 21 @15630 has 235 MA's), (23, 15636), (29, 15675), (37, 15735), (46, 15843), (50, 15906), (52, 15912), (60, 15984), (76, 16083),

Gene: Saskia_22 Start: 15633, Stop: 16247, Start Num: 21
Candidate Starts for Saskia_22:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: SaturnRing_22 Start: 13992, Stop: 14576, Start Num: 20
Candidate Starts for SaturnRing_22:
(13, 13953), (Start: 20 @13992 has 294 MA's), (Start: 24 @14013 has 2 MA's), (Start: 25 @14016 has 1 MA's), (29, 14037), (31, 14052), (45, 14163), (47, 14235), (70, 14391), (76, 14442), (79, 14472), (82, 14496),

Gene: Scamp_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Scamp_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Scherzo_24 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for Scherzo_24:
(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (34, 16020), (61, 16296), (70, 16338), (76, 16389), (95, 16503), (97, 16512),

Gene: Scorpia_20 Start: 13320, Stop: 14150, Start Num: 3
Candidate Starts for Scorpia_20:
(Start: 3 @13320 has 37 MA's), (8, 13449), (12, 13503), (Start: 24 @13581 has 2 MA's), (26, 13587), (29, 13614), (32, 13647), (33, 13653), (35, 13659), (38, 13686), (45, 13746), (52, 13851), (60, 13923), (61, 13932), (69, 13971), (71, 13980), (86, 14100),

Gene: Scout_22 Start: 13292, Stop: 13876, Start Num: 20
Candidate Starts for Scout_22:
(13, 13253), (Start: 20 @13292 has 294 MA's), (Start: 24 @13313 has 2 MA's), (Start: 25 @13316 has 1 MA's), (29, 13337), (31, 13352), (45, 13463), (47, 13535), (70, 13691), (76, 13742), (79, 13772), (82, 13796),

Gene: SemperFi_25 Start: 15451, Stop: 16032, Start Num: 21

Candidate Starts for SemperFi_25:
(Start: 21 @15451 has 235 MA's), (Start: 25 @15475 has 1 MA's), (29, 15496), (34, 15538), (44, 15601), (50, 15724), (60, 15802), (61, 15811), (70, 15850), (82, 15955), (95, 16015),

Gene: SenorClean_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for SenorClean_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Serenity_22 Start: 14023, Stop: 14619, Start Num: 21
Candidate Starts for Serenity_22:
(Start: 21 @14023 has 235 MA's), (Start: 24 @14044 has 2 MA's), (Start: 25 @14047 has 1 MA's), (29, 14068), (34, 14110), (50, 14296), (60, 14374), (61, 14383), (67, 14413), (70, 14422), (72, 14440), (97, 14596),

Gene: Severus_21 Start: 12293, Stop: 12889, Start Num: 20
Candidate Starts for Severus_21:
(Start: 20 @12293 has 294 MA's), (Start: 24 @12314 has 2 MA's), (Start: 25 @12317 has 1 MA's), (31, 12353), (45, 12470), (70, 12698), (71, 12704), (79, 12779),

Gene: Shaka_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Shaka_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Sham4_23 Start: 15636, Stop: 16250, Start Num: 21
Candidate Starts for Sham4_23:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: Shapes_25 Start: 14264, Stop: 14860, Start Num: 20
Candidate Starts for Shapes_25:
(13, 14225), (Start: 20 @14264 has 294 MA's), (Start: 24 @14285 has 2 MA's), (Start: 25 @14288 has 1 MA's), (31, 14324), (45, 14441), (59, 14609), (71, 14675), (74, 14693), (79, 14750),

Gene: ShayRa_26 Start: 14354, Stop: 14956, Start Num: 21
Candidate Starts for ShayRa_26:
(Start: 21 @14354 has 235 MA's), (Start: 24 @14375 has 2 MA's), (28, 14390), (29, 14399), (45, 14528), (46, 14564),

Gene: SheaKeira_23 Start: 14062, Stop: 14658, Start Num: 21
Candidate Starts for SheaKeira_23:
(Start: 21 @14062 has 235 MA's), (Start: 25 @14086 has 1 MA's), (29, 14107), (53, 14347), (70, 14467), (71, 14473),

Gene: Sheen_24 Start: 16124, Stop: 16708, Start Num: 21
Candidate Starts for Sheen_24:
(Start: 21 @16124 has 235 MA's), (Start: 24 @16145 has 2 MA's), (Start: 25 @16148 has 1 MA's), (29, 16169), (31, 16184), (45, 16295), (48, 16370), (79, 16604),

Gene: SheldonCooper_23 Start: 14701, Stop: 15291, Start Num: 20
Candidate Starts for SheldonCooper_23:

(Start: 20 @14701 has 294 MA's), (Start: 24 @14722 has 2 MA's), (Start: 25 @14725 has 1 MA's), (45, 14872), (69, 15097), (76, 15151), (79, 15181),

Gene: Shuman_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Shuman_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Shygu2_22 Start: 14391, Stop: 14978, Start Num: 20
Candidate Starts for Shygu2_22:
(Start: 20 @14391 has 294 MA's), (Start: 24 @14412 has 2 MA's), (Start: 25 @14415 has 1 MA's), (31, 14451), (45, 14568), (72, 14814), (76, 14847), (79, 14877),

Gene: Skipitt_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Skipitt_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Sknot_23 Start: 15150, Stop: 15740, Start Num: 21
Candidate Starts for Sknot_23:
(Start: 21 @15150 has 235 MA's), (Start: 25 @15174 has 1 MA's), (29, 15195), (50, 15426), (60, 15504), (61, 15513), (72, 15570), (82, 15657), (95, 15717),

Gene: Smeadley_19 Start: 13036, Stop: 13638, Start Num: 21
Candidate Starts for Smeadley_19:
(Start: 17 @13030 has 1 MA's), (Start: 21 @13036 has 235 MA's), (45, 13210), (46, 13246), (47, 13282), (50, 13312), (61, 13399), (62, 13414), (70, 13441), (76, 13492), (79, 13522),

Gene: Smeagan_25 Start: 15591, Stop: 16181, Start Num: 21
Candidate Starts for Smeagan_25:
(Start: 21 @15591 has 235 MA's), (Start: 25 @15615 has 1 MA's), (29, 15636), (46, 15804), (50, 15867), (53, 15876), (60, 15945), (61, 15954), (67, 15984), (72, 16011), (76, 16044), (82, 16098),

Gene: SmellyB_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for SmellyB_26:
(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (45, 15386), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: SnapTap_23 Start: 15024, Stop: 15614, Start Num: 21
Candidate Starts for SnapTap_23:
(Start: 21 @15024 has 235 MA's), (Start: 25 @15048 has 1 MA's), (29, 15069), (44, 15174), (50, 15297), (60, 15375), (61, 15384), (70, 15423), (82, 15528), (95, 15588),

Gene: Snape_23 Start: 15636, Stop: 16250, Start Num: 21
Candidate Starts for Snape_23:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: Snickers_24 Start: 14447, Stop: 15043, Start Num: 20
Candidate Starts for Snickers_24:
(Start: 20 @14447 has 294 MA's), (Start: 25 @14471 has 1 MA's), (29, 14492), (31, 14507), (45, 14618), (60, 14795), (71, 14855), (76, 14900),

Gene: SoYo_24 Start: 14384, Stop: 14980, Start Num: 20
Candidate Starts for SoYo_24:
(Start: 20 @14384 has 294 MA's), (Start: 25 @14408 has 1 MA's), (29, 14429), (31, 14444), (45, 14555), (60, 14732), (71, 14792), (76, 14837),

Gene: SoilDragon_24 Start: 14156, Stop: 14752, Start Num: 20
Candidate Starts for SoilDragon_24:
(Start: 20 @14156 has 294 MA's), (Start: 25 @14180 has 1 MA's), (29, 14201), (31, 14216), (45, 14327), (60, 14504), (70, 14558), (71, 14564), (76, 14609),

Gene: SororFago_22 Start: 14230, Stop: 14817, Start Num: 18
Candidate Starts for SororFago_22:
(7, 14125), (Start: 18 @14230 has 3 MA's), (Start: 25 @14254 has 1 MA's), (29, 14275), (50, 14506), (61, 14593), (70, 14632), (82, 14737), (95, 14797),

Gene: Soshari_26 Start: 14556, Stop: 15152, Start Num: 20
Candidate Starts for Soshari_26:
(Start: 20 @14556 has 294 MA's), (Start: 25 @14580 has 1 MA's), (29, 14601), (31, 14616), (45, 14727), (60, 14904), (71, 14964), (76, 15009),

Gene: Soups_25 Start: 14354, Stop: 14956, Start Num: 21
Candidate Starts for Soups_25:
(Start: 21 @14354 has 235 MA's), (Start: 24 @14375 has 2 MA's), (28, 14390), (29, 14399), (45, 14528), (46, 14564),

Gene: Sparxx_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for Sparxx_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Speedwell_20 Start: 11882, Stop: 12448, Start Num: 27
Candidate Starts for Speedwell_20:
(Start: 27 @11882 has 10 MA's), (50, 12116), (65, 12230), (71, 12254), (83, 12362), (85, 12371),

Gene: Spike509_24 Start: 14557, Stop: 15153, Start Num: 20
Candidate Starts for Spike509_24:
(Start: 20 @14557 has 294 MA's), (Start: 25 @14581 has 1 MA's), (29, 14602), (31, 14617), (45, 14728), (60, 14905), (71, 14965), (76, 15010),

Gene: Spino_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Spino_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Spouty_24 Start: 15930, Stop: 16526, Start Num: 21
Candidate Starts for Spouty_24:
(Start: 21 @15930 has 235 MA's), (Start: 25 @15954 has 1 MA's), (29, 15975), (30, 15981), (61, 16293), (70, 16335), (76, 16386), (88, 16473), (95, 16500), (97, 16509),

Gene: StCroix_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for StCroix_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Stagni_24 Start: 14475, Stop: 15071, Start Num: 20
Candidate Starts for Stagni_24:
(Start: 20 @14475 has 294 MA's), (Start: 25 @14499 has 1 MA's), (29, 14520), (31, 14535), (45, 14646), (60, 14823), (71, 14883), (76, 14928),

Gene: StarStuff_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for StarStuff_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: Stasia_23 Start: 14829, Stop: 15422, Start Num: 20
Candidate Starts for Stasia_23:
(Start: 20 @14829 has 294 MA's), (Start: 24 @14850 has 2 MA's), (Start: 25 @14853 has 1 MA's), (31, 14889), (45, 15006), (59, 15174), (76, 15285), (79, 15315),

Gene: SteMason_21 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for SteMason_21:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Steamy_24 Start: 15670, Stop: 16260, Start Num: 21
Candidate Starts for Steamy_24:
(Start: 21 @15670 has 235 MA's), (Start: 25 @15694 has 1 MA's), (82, 16177), (97, 16246),

Gene: StepMih_24 Start: 14466, Stop: 15062, Start Num: 20
Candidate Starts for StepMih_24:
(Start: 20 @14466 has 294 MA's), (Start: 25 @14490 has 1 MA's), (29, 14511), (31, 14526), (45, 14637), (60, 14814), (71, 14874), (76, 14919),

Gene: Stephig9_19 Start: 13017, Stop: 13619, Start Num: 21
Candidate Starts for Stephig9_19:
(Start: 17 @13011 has 1 MA's), (Start: 21 @13017 has 235 MA's), (45, 13191), (46, 13227), (47, 13263), (50, 13293), (61, 13380), (62, 13395), (70, 13422), (76, 13473), (79, 13503),

Gene: Stink_23 Start: 14679, Stop: 15266, Start Num: 20
Candidate Starts for Stink_23:
(Start: 20 @14679 has 294 MA's), (Start: 24 @14700 has 2 MA's), (Start: 25 @14703 has 1 MA's), (31, 14739), (45, 14856), (72, 15102), (76, 15135), (79, 15165),

Gene: Strosahl_25 Start: 14193, Stop: 14795, Start Num: 21
Candidate Starts for Strosahl_25:
(Start: 21 @14193 has 235 MA's), (Start: 24 @14214 has 2 MA's), (28, 14229), (29, 14238), (45, 14367), (46, 14403),

Gene: Sudan_16 Start: 10146, Stop: 10709, Start Num: 27
Candidate Starts for Sudan_16:
(Start: 27 @10146 has 10 MA's), (50, 10380), (71, 10518), (85, 10635),

Gene: Sultana_22 Start: 14389, Stop: 14979, Start Num: 20
Candidate Starts for Sultana_22:
(Start: 20 @14389 has 294 MA's), (Start: 24 @14410 has 2 MA's), (Start: 25 @14413 has 1 MA's), (45, 14560), (69, 14785), (76, 14839), (79, 14869),

Gene: Sunhee_21 Start: 14286, Stop: 14870, Start Num: 21
Candidate Starts for Sunhee_21:
(Start: 21 @14286 has 235 MA's), (Start: 25 @14310 has 1 MA's), (29, 14331), (42, 14427), (70, 14688), (71, 14694), (82, 14793),

Gene: SuperAwesome_26 Start: 15200, Stop: 15802, Start Num: 21
Candidate Starts for SuperAwesome_26:
(Start: 21 @15200 has 235 MA's), (Start: 25 @15224 has 1 MA's), (45, 15377), (61, 15563), (69, 15599), (71, 15608), (72, 15620), (78, 15677),

Gene: SuperCallie99_26 Start: 15199, Stop: 15801, Start Num: 21
Candidate Starts for SuperCallie99_26:
(Start: 21 @15199 has 235 MA's), (Start: 25 @15223 has 1 MA's), (45, 15376), (61, 15562), (69, 15598), (71, 15607), (72, 15619), (78, 15676),

Gene: Superchunk_22 Start: 13739, Stop: 14335, Start Num: 20
Candidate Starts for Superchunk_22:
(Start: 20 @13739 has 294 MA's), (Start: 24 @13760 has 2 MA's), (Start: 25 @13763 has 1 MA's), (29, 13784), (50, 14012), (60, 14090), (61, 14099), (67, 14129), (69, 14135), (72, 14156), (82, 14243),

Gene: Swann_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for Swann_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: SweetiePie_23 Start: 15024, Stop: 15614, Start Num: 21
Candidate Starts for SweetiePie_23:
(Start: 21 @15024 has 235 MA's), (Start: 25 @15048 has 1 MA's), (29, 15069), (44, 15174), (50, 15297), (60, 15375), (61, 15384), (70, 15423), (82, 15528), (95, 15588),

Gene: SwirlSquare_25 Start: 13913, Stop: 14509, Start Num: 20
Candidate Starts for SwirlSquare_25:
(Start: 20 @13913 has 294 MA's), (Start: 25 @13937 has 1 MA's), (29, 13958), (41, 14045), (50, 14186), (60, 14264), (61, 14273), (67, 14303), (69, 14309), (72, 14330), (82, 14417),

Gene: Swirley_19 Start: 13478, Stop: 14305, Start Num: 3
Candidate Starts for Swirley_19:
(Start: 3 @13478 has 37 MA's), (8, 13607), (Start: 24 @13739 has 2 MA's), (26, 13745), (30, 13778), (33, 13811), (38, 13841), (45, 13901), (52, 14006), (60, 14078), (71, 14135), (86, 14255),

Gene: Switzerland_25 Start: 14347, Stop: 14949, Start Num: 21
Candidate Starts for Switzerland_25:
(Start: 21 @14347 has 235 MA's), (Start: 24 @14368 has 2 MA's), (28, 14383), (29, 14392), (45, 14521), (46, 14557),

Gene: SydNat_19 Start: 13583, Stop: 14443, Start Num: 3
Candidate Starts for SydNat_19:
(Start: 3 @13583 has 37 MA's), (8, 13712), (14, 13799), (Start: 24 @13853 has 2 MA's), (30, 13892), (33, 13931), (38, 13979), (44, 14015), (45, 14039), (52, 14144), (60, 14216), (78, 14342), (86, 14393),

Gene: TNguyen7_22 Start: 13962, Stop: 14546, Start Num: 20
Candidate Starts for TNguyen7_22:

(13, 13923), (Start: 20 @13962 has 294 MA's), (Start: 24 @13983 has 2 MA's), (Start: 25 @13986 has 1 MA's), (29, 14007), (31, 14022), (45, 14133), (47, 14205), (70, 14361), (76, 14412), (79, 14442),

Gene: TWAMP_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for TWAMP_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Tailonex_19 Start: 13567, Stop: 14118, Start Num: 25
Candidate Starts for Tailonex_19:
(Start: 25 @13567 has 1 MA's), (38, 13666), (49, 13816),

Gene: Takoda_18 Start: 10338, Stop: 11195, Start Num: 2
Candidate Starts for Takoda_18:
(1, 10275), (Start: 2 @10338 has 36 MA's), (29, 10644), (50, 10890), (52, 10896), (59, 10959), (61, 10977), (67, 11013), (69, 11019), (82, 11127),

Gene: Taquarus_22 Start: 14391, Stop: 14981, Start Num: 20
Candidate Starts for Taquarus_22:
(Start: 20 @14391 has 294 MA's), (Start: 24 @14412 has 2 MA's), (Start: 25 @14415 has 1 MA's), (45, 14562), (69, 14787), (76, 14841), (79, 14871),

Gene: TarsusIV_23 Start: 15124, Stop: 15717, Start Num: 21
Candidate Starts for TarsusIV_23:
(Start: 21 @15124 has 235 MA's), (Start: 25 @15148 has 1 MA's), (29, 15169), (30, 15175), (50, 15400), (61, 15487), (67, 15517), (70, 15526), (72, 15544), (76, 15577), (82, 15631), (95, 15691),

Gene: Tarynearal_18 Start: 13505, Stop: 14332, Start Num: 3
Candidate Starts for Tarynearal_18:
(Start: 3 @13505 has 37 MA's), (8, 13634), (Start: 24 @13766 has 2 MA's), (26, 13772), (30, 13805), (33, 13838), (38, 13868), (45, 13928), (52, 14033), (60, 14105), (71, 14162), (86, 14282),

Gene: Taurus_24 Start: 14471, Stop: 15067, Start Num: 20
Candidate Starts for Taurus_24:
(Start: 20 @14471 has 294 MA's), (Start: 25 @14495 has 1 MA's), (29, 14516), (31, 14531), (45, 14642), (60, 14819), (71, 14879), (76, 14924),

Gene: Temprado_26 Start: 15205, Stop: 15807, Start Num: 21
Candidate Starts for Temprado_26:
(Start: 21 @15205 has 235 MA's), (Start: 25 @15229 has 1 MA's), (44, 15358), (45, 15382), (61, 15568), (69, 15604), (71, 15613), (72, 15625), (78, 15682),

Gene: Terrific_27 Start: 15604, Stop: 16194, Start Num: 21
Candidate Starts for Terrific_27:
(Start: 21 @15604 has 235 MA's), (Start: 25 @15628 has 1 MA's), (29, 15649), (50, 15880), (60, 15958), (61, 15967), (72, 16024), (82, 16111), (95, 16171),

Gene: Texage_22 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Texage_22:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Thanksgivukkah_22 Start: 14392, Stop: 14982, Start Num: 20

Candidate Starts for Thanksgivukkah_22:
(Start: 20 @14392 has 294 MA's), (Start: 24 @14413 has 2 MA's), (Start: 25 @14416 has 1 MA's), (45, 14563), (69, 14788), (76, 14842), (79, 14872),

Gene: Theia_17 Start: 13444, Stop: 14271, Start Num: 3
Candidate Starts for Theia_17:
(Start: 3 @13444 has 37 MA's), (8, 13573), (Start: 24 @13705 has 2 MA's), (26, 13711), (30, 13744), (33, 13777), (38, 13807), (45, 13867), (52, 13972), (60, 14044), (71, 14101), (86, 14221),

Gene: Tiffany_24 Start: 14367, Stop: 14963, Start Num: 20
Candidate Starts for Tiffany_24:
(Start: 20 @14367 has 294 MA's), (Start: 25 @14391 has 1 MA's), (29, 14412), (31, 14427), (45, 14538), (60, 14715), (71, 14775), (76, 14820),

Gene: Tiger_19 Start: 13332, Stop: 14159, Start Num: 3
Candidate Starts for Tiger_19:
(Start: 3 @13332 has 37 MA's), (8, 13461), (Start: 24 @13593 has 2 MA's), (26, 13599), (30, 13632), (33, 13665), (38, 13695), (45, 13755), (52, 13860), (60, 13932), (71, 13989), (86, 14109),

Gene: Timothy_23 Start: 15633, Stop: 16247, Start Num: 21
Candidate Starts for Timothy_23:
(Start: 21 @15633 has 235 MA's), (23, 15639), (29, 15678), (37, 15738), (46, 15846), (50, 15909), (52, 15915), (60, 15987), (76, 16086),

Gene: Timshel_23 Start: 16007, Stop: 16594, Start Num: 21
Candidate Starts for Timshel_23:
(Start: 21 @16007 has 235 MA's), (Start: 24 @16028 has 2 MA's), (Start: 25 @16031 has 1 MA's), (45, 16184), (48, 16259), (69, 16409), (79, 16493),

Gene: TinaFeyge_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for TinaFeyge_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: TinyPebbles_24 Start: 14556, Stop: 15152, Start Num: 20
Candidate Starts for TinyPebbles_24:
(Start: 20 @14556 has 294 MA's), (Start: 25 @14580 has 1 MA's), (29, 14601), (31, 14616), (45, 14727), (60, 14904), (71, 14964), (76, 15009),

Gene: TinyTimmy_23 Start: 15676, Stop: 16290, Start Num: 21
Candidate Starts for TinyTimmy_23:
(Start: 21 @15676 has 235 MA's), (23, 15682), (29, 15721), (37, 15781), (46, 15889), (50, 15952), (52, 15958), (60, 16030), (76, 16129),

Gene: Tinybot_21 Start: 14366, Stop: 14956, Start Num: 20
Candidate Starts for Tinybot_21:
(Start: 20 @14366 has 294 MA's), (Start: 24 @14387 has 2 MA's), (Start: 25 @14390 has 1 MA's), (45, 14537), (69, 14762), (76, 14816), (79, 14846),

Gene: TipsytheTRex_22 Start: 14188, Stop: 14784, Start Num: 21
Candidate Starts for TipsytheTRex_22:
(Start: 21 @14188 has 235 MA's), (Start: 24 @14209 has 2 MA's), (Start: 25 @14212 has 1 MA's), (29, 14233), (34, 14275), (50, 14461), (60, 14539), (61, 14548), (67, 14578), (70, 14587), (72, 14605), (97,

14761),

Gene: TiroTheta9_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for TiroTheta9_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Toaka_22 Start: 14253, Stop: 14849, Start Num: 21
Candidate Starts for Toaka_22:
(Start: 21 @14253 has 235 MA's), (Start: 25 @14277 has 1 MA's), (29, 14298), (67, 14649), (70, 14658), (71, 14664), (76, 14709), (95, 14823), (97, 14832),

Gene: Todacoro_23 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Todacoro_23:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Tomathan_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for Tomathan_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: ToneTone_24 Start: 15123, Stop: 15725, Start Num: 21
Candidate Starts for ToneTone_24:
(Start: 21 @15123 has 235 MA's), (Start: 25 @15147 has 1 MA's), (44, 15276), (45, 15300), (46, 15336), (61, 15486), (69, 15522), (71, 15531), (72, 15543), (78, 15600),

Gene: Topanga_22 Start: 14336, Stop: 14932, Start Num: 20
Candidate Starts for Topanga_22:
(13, 14297), (Start: 20 @14336 has 294 MA's), (Start: 24 @14357 has 2 MA's), (Start: 25 @14360 has 1 MA's), (31, 14396), (45, 14513), (69, 14738), (71, 14747), (76, 14792), (79, 14822),

Gene: Toro_25 Start: 16066, Stop: 16650, Start Num: 21
Candidate Starts for Toro_25:
(Start: 21 @16066 has 235 MA's), (Start: 24 @16087 has 2 MA's), (Start: 25 @16090 has 1 MA's), (29, 16111), (31, 16126), (45, 16237), (48, 16312), (79, 16546),

Gene: Travvers_26 Start: 14985, Stop: 15581, Start Num: 20
Candidate Starts for Travvers_26:
(Start: 20 @14985 has 294 MA's), (Start: 25 @15009 has 1 MA's), (29, 15030), (51, 15261), (60, 15336), (61, 15345), (70, 15384), (72, 15402),

Gene: Trike_20 Start: 12301, Stop: 12897, Start Num: 20
Candidate Starts for Trike_20:
(Start: 20 @12301 has 294 MA's), (Start: 24 @12322 has 2 MA's), (Start: 25 @12325 has 1 MA's), (31, 12361), (45, 12478), (70, 12706), (71, 12712), (79, 12787),

Gene: Tristan_24 Start: 16870, Stop: 17460, Start Num: 19
Candidate Starts for Tristan_24:
(Start: 19 @16870 has 5 MA's), (Start: 25 @16894 has 1 MA's), (50, 17143), (52, 17149), (61, 17230), (70, 17269), (72, 17287), (76, 17320), (82, 17374), (95, 17434),

Gene: Trixie_26 Start: 16751, Stop: 17341, Start Num: 21

Candidate Starts for Trixie_26:
(Start: 21 @16751 has 235 MA's), (Start: 25 @16775 has 1 MA's), (29, 16796), (50, 17024), (60, 17102), (61, 17111), (72, 17168), (82, 17255),

Gene: Trooper_23 Start: 14931, Stop: 15512, Start Num: 21
Candidate Starts for Trooper_23:
(Start: 21 @14931 has 235 MA's), (Start: 25 @14955 has 1 MA's), (29, 14976), (34, 15018), (50, 15204), (60, 15282), (61, 15291), (70, 15330), (72, 15348), (82, 15435), (95, 15495),

Gene: TroyPia_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for TroyPia_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Tubs_24 Start: 15900, Stop: 16496, Start Num: 21
Candidate Starts for Tubs_24:
(Start: 21 @15900 has 235 MA's), (Start: 25 @15924 has 1 MA's), (29, 15945), (61, 16263), (76, 16356), (95, 16470), (97, 16479),

Gene: Tucker_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for Tucker_26:
(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (44, 15362), (45, 15386), (46, 15422), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: Turbido_25 Start: 15594, Stop: 16184, Start Num: 21
Candidate Starts for Turbido_25:
(5, 15381), (Start: 21 @15594 has 235 MA's), (Start: 25 @15618 has 1 MA's), (29, 15639), (46, 15807), (50, 15870), (53, 15879), (60, 15948), (61, 15957), (67, 15987), (72, 16014), (82, 16101),

Gene: Twigg_19 Start: 13477, Stop: 14304, Start Num: 3
Candidate Starts for Twigg_19:
(Start: 3 @13477 has 37 MA's), (8, 13606), (Start: 24 @13738 has 2 MA's), (26, 13744), (30, 13777), (33, 13810), (38, 13840), (45, 13900), (52, 14005), (60, 14077), (71, 14134), (86, 14254),

Gene: Twister_22 Start: 14235, Stop: 14831, Start Num: 20
Candidate Starts for Twister_22:
(13, 14196), (Start: 20 @14235 has 294 MA's), (Start: 24 @14256 has 2 MA's), (Start: 25 @14259 has 1 MA's), (31, 14295), (45, 14412), (69, 14637), (71, 14646), (76, 14691), (79, 14721),

Gene: TygerBlood_22 Start: 14387, Stop: 14977, Start Num: 20
Candidate Starts for TygerBlood_22:
(Start: 20 @14387 has 294 MA's), (Start: 24 @14408 has 2 MA's), (Start: 25 @14411 has 1 MA's), (45, 14558), (69, 14783), (76, 14837), (79, 14867),

Gene: Ugenie5_21 Start: 15933, Stop: 16529, Start Num: 21
Candidate Starts for Ugenie5_21:
(Start: 21 @15933 has 235 MA's), (Start: 25 @15957 has 1 MA's), (29, 15978), (34, 16020), (61, 16296), (70, 16338), (76, 16389), (95, 16503), (97, 16512),

Gene: UhSalsa_18 Start: 10378, Stop: 11235, Start Num: 2
Candidate Starts for UhSalsa_18:
(1, 10315), (Start: 2 @10378 has 36 MA's), (9, 10519), (Start: 21 @10630 has 235 MA's), (29, 10684), (50, 10930), (52, 10936), (59, 10999), (61, 11017), (69, 11059), (82, 11167), (94, 11227),

Gene: Ulysses_21 Start: 14109, Stop: 14699, Start Num: 20
Candidate Starts for Ulysses_21:
(Start: 20 @14109 has 294 MA's), (Start: 24 @14130 has 2 MA's), (Start: 25 @14133 has 1 MA's), (45, 14280), (69, 14505), (76, 14559), (79, 14589),

Gene: UnionJack_19 Start: 13058, Stop: 13888, Start Num: 3
Candidate Starts for UnionJack_19:
(Start: 3 @13058 has 37 MA's), (8, 13187), (12, 13241), (Start: 24 @13319 has 2 MA's), (26, 13325), (33, 13391), (44, 13460), (45, 13484), (52, 13589), (60, 13661), (61, 13670), (68, 13706), (69, 13709), (71, 13718), (85, 13832), (86, 13838),

Gene: Updawg_25 Start: 15592, Stop: 16182, Start Num: 21
Candidate Starts for Updawg_25:
(Start: 21 @15592 has 235 MA's), (Start: 25 @15616 has 1 MA's), (29, 15637), (50, 15868), (60, 15946), (61, 15955), (72, 16012), (82, 16099), (95, 16159),

Gene: VA6_23 Start: 15104, Stop: 15694, Start Num: 21
Candidate Starts for VA6_23:
(Start: 21 @15104 has 235 MA's), (Start: 25 @15128 has 1 MA's), (29, 15149), (42, 15245), (46, 15317), (53, 15389), (55, 15410), (61, 15467), (67, 15497), (70, 15506), (72, 15524), (76, 15557), (82, 15611), (95, 15671),

Gene: VC3_26 Start: 15076, Stop: 15669, Start Num: 20
Candidate Starts for VC3_26:
(Start: 20 @15076 has 294 MA's), (Start: 25 @15100 has 1 MA's), (29, 15121), (40, 15205), (51, 15349), (60, 15424), (61, 15433), (70, 15472), (72, 15490),

Gene: Vanisoa_22 Start: 13983, Stop: 14579, Start Num: 21
Candidate Starts for Vanisoa_22:
(Start: 21 @13983 has 235 MA's), (Start: 25 @14007 has 1 MA's), (29, 14028), (30, 14034), (67, 14379), (70, 14388), (71, 14394), (95, 14553), (97, 14562),

Gene: Vanseggelen_19 Start: 9793, Stop: 10368, Start Num: 27
Candidate Starts for Vanseggelen_19:
(Start: 27 @9793 has 10 MA's), (50, 10027), (71, 10165), (85, 10282),

Gene: Verabelle_16 Start: 10140, Stop: 10703, Start Num: 27
Candidate Starts for Verabelle_16:
(Start: 27 @10140 has 10 MA's), (50, 10374), (66, 10491), (71, 10512), (85, 10629),

Gene: Veracruz_22 Start: 14531, Stop: 15130, Start Num: 20
Candidate Starts for Veracruz_22:
(Start: 20 @14531 has 294 MA's), (Start: 24 @14552 has 2 MA's), (Start: 25 @14555 has 1 MA's), (29, 14576), (31, 14591), (42, 14672), (45, 14708), (47, 14780), (70, 14936), (79, 15017),

Gene: Vix_24 Start: 14555, Stop: 15151, Start Num: 20
Candidate Starts for Vix_24:
(Start: 20 @14555 has 294 MA's), (Start: 25 @14579 has 1 MA's), (29, 14600), (31, 14615), (45, 14726), (60, 14903), (71, 14963), (76, 15008),

Gene: VohminGhazi_26 Start: 15209, Stop: 15811, Start Num: 21
Candidate Starts for VohminGhazi_26:

(Start: 21 @15209 has 235 MA's), (Start: 25 @15233 has 1 MA's), (45, 15386), (61, 15572), (69, 15608), (71, 15617), (72, 15629), (78, 15686),

Gene: Waits_25 Start: 14199, Stop: 14801, Start Num: 21
Candidate Starts for Waits_25:
(Start: 21 @14199 has 235 MA's), (Start: 24 @14220 has 2 MA's), (28, 14235), (29, 14244), (45, 14373), (46, 14409),

Gene: WalterMcMickey_22 Start: 14235, Stop: 14831, Start Num: 20
Candidate Starts for WalterMcMickey_22:
(13, 14196), (Start: 20 @14235 has 294 MA's), (Start: 24 @14256 has 2 MA's), (Start: 25 @14259 has 1 MA's), (31, 14295), (45, 14412), (69, 14637), (71, 14646), (76, 14691), (79, 14721),

Gene: Wander_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Wander_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Warrior24_25 Start: 14203, Stop: 14805, Start Num: 21
Candidate Starts for Warrior24_25:
(Start: 21 @14203 has 235 MA's), (Start: 24 @14224 has 2 MA's), (28, 14239), (29, 14248), (45, 14377), (46, 14413),

Gene: Watson_24 Start: 14465, Stop: 15061, Start Num: 20
Candidate Starts for Watson_24:
(Start: 20 @14465 has 294 MA's), (Start: 25 @14489 has 1 MA's), (29, 14510), (31, 14525), (45, 14636), (60, 14813), (71, 14873), (76, 14918),

Gene: WeiHuaDA_29 Start: 17358, Stop: 17948, Start Num: 21
Candidate Starts for WeiHuaDA_29:
(Start: 21 @17358 has 235 MA's), (Start: 25 @17382 has 1 MA's), (29, 17403), (50, 17631), (61, 17718), (72, 17775), (82, 17862),

Gene: Whabigail7_25 Start: 15582, Stop: 16172, Start Num: 21
Candidate Starts for Whabigail7_25:
(5, 15369), (Start: 21 @15582 has 235 MA's), (Start: 25 @15606 has 1 MA's), (29, 15627), (46, 15795), (50, 15858), (53, 15867), (60, 15936), (61, 15945), (67, 15975), (72, 16002), (76, 16035), (82, 16089),

Gene: WideWale_25 Start: 15592, Stop: 16182, Start Num: 21
Candidate Starts for WideWale_25:
(Start: 21 @15592 has 235 MA's), (Start: 25 @15616 has 1 MA's), (29, 15637), (50, 15868), (60, 15946), (61, 15955), (72, 16012), (82, 16099), (95, 16159),

Gene: Wiks_26 Start: 15191, Stop: 15793, Start Num: 21
Candidate Starts for Wiks_26:
(Start: 21 @15191 has 235 MA's), (Start: 25 @15215 has 1 MA's), (44, 15344), (45, 15368), (46, 15404), (61, 15554), (69, 15590), (71, 15599), (72, 15611), (78, 15668),

Gene: Wilbur_22 Start: 14388, Stop: 14978, Start Num: 20
Candidate Starts for Wilbur_22:
(Start: 20 @14388 has 294 MA's), (Start: 24 @14409 has 2 MA's), (Start: 25 @14412 has 1 MA's), (45, 14559), (69, 14784), (76, 14838), (79, 14868),

Gene: Wile_22 Start: 14403, Stop: 14990, Start Num: 20
Candidate Starts for Wile_22:
(Start: 20 @14403 has 294 MA's), (Start: 24 @14424 has 2 MA's), (Start: 25 @14427 has 1 MA's), (31, 14463), (45, 14580), (59, 14748), (72, 14826), (76, 14859), (79, 14889),

Gene: Wizard007_22 Start: 14390, Stop: 14980, Start Num: 20
Candidate Starts for Wizard007_22:
(Start: 20 @14390 has 294 MA's), (Start: 24 @14411 has 2 MA's), (Start: 25 @14414 has 1 MA's), (45, 14561), (69, 14786), (76, 14840), (79, 14870),

Gene: Wolpertinger_22 Start: 15636, Stop: 16250, Start Num: 21
Candidate Starts for Wolpertinger_22:
(Start: 21 @15636 has 235 MA's), (23, 15642), (29, 15681), (37, 15741), (46, 15849), (50, 15912), (52, 15918), (60, 15990), (76, 16089),

Gene: Wooldri_26 Start: 14384, Stop: 14980, Start Num: 20
Candidate Starts for Wooldri_26:
(Start: 20 @14384 has 294 MA's), (Start: 25 @14408 has 1 MA's), (29, 14429), (31, 14444), (45, 14555), (60, 14732), (71, 14792), (76, 14837),

Gene: WorldCup_21 Start: 13967, Stop: 14563, Start Num: 21
Candidate Starts for WorldCup_21:
(Start: 21 @13967 has 235 MA's), (Start: 25 @13991 has 1 MA's), (29, 14012), (30, 14018), (67, 14363), (70, 14372), (71, 14378), (76, 14423), (95, 14537), (97, 14546),

Gene: WunderPhul_26 Start: 15191, Stop: 15793, Start Num: 21
Candidate Starts for WunderPhul_26:
(Start: 21 @15191 has 235 MA's), (Start: 25 @15215 has 1 MA's), (44, 15344), (45, 15368), (46, 15404), (61, 15554), (69, 15590), (71, 15599), (72, 15611), (78, 15668),

Gene: Xena_22 Start: 14390, Stop: 14977, Start Num: 20
Candidate Starts for Xena_22:
(Start: 20 @14390 has 294 MA's), (Start: 24 @14411 has 2 MA's), (Start: 25 @14414 has 1 MA's), (31, 14450), (45, 14567), (59, 14735), (72, 14813), (76, 14846), (79, 14876),

Gene: XianYue_23 Start: 15061, Stop: 15648, Start Num: 21
Candidate Starts for XianYue_23:
(Start: 21 @15061 has 235 MA's), (Start: 25 @15085 has 1 MA's), (29, 15106), (46, 15271), (50, 15334), (60, 15412), (61, 15421), (67, 15451), (72, 15478), (76, 15511), (82, 15565), (97, 15634),

Gene: Yecey3_23 Start: 14015, Stop: 14608, Start Num: 21
Candidate Starts for Yecey3_23:
(Start: 21 @14015 has 235 MA's), (Start: 25 @14039 has 1 MA's), (29, 14060), (30, 14066), (60, 14366), (61, 14375), (95, 14582), (97, 14591),

Gene: YoSam321_22 Start: 14385, Stop: 14975, Start Num: 20
Candidate Starts for YoSam321_22:
(Start: 20 @14385 has 294 MA's), (Start: 24 @14406 has 2 MA's), (Start: 25 @14409 has 1 MA's), (45, 14556), (69, 14781), (76, 14835), (79, 14865),

Gene: Yogi_18 Start: 10346, Stop: 11209, Start Num: 2
Candidate Starts for Yogi_18:

(1, 10283), (Start: 2 @10346 has 36 MA's), (29, 10652), (50, 10904), (52, 10910), (59, 10973), (61, 10991), (69, 11033), (82, 11141),

Gene: Yokurt_26 Start: 15191, Stop: 15793, Start Num: 21
Candidate Starts for Yokurt_26:
(Start: 21 @15191 has 235 MA's), (Start: 25 @15215 has 1 MA's), (44, 15344), (45, 15368), (46, 15404), (61, 15554), (69, 15590), (71, 15599), (72, 15611), (78, 15668),

Gene: Yoncess_18 Start: 10346, Stop: 11209, Start Num: 2
Candidate Starts for Yoncess_18:
(1, 10283), (Start: 2 @10346 has 36 MA's), (29, 10652), (50, 10904), (52, 10910), (59, 10973), (61, 10991), (69, 11033), (82, 11141),

Gene: Yosif_16 Start: 10520, Stop: 11083, Start Num: 27
Candidate Starts for Yosif_16:
(Start: 27 @10520 has 10 MA's), (50, 10754), (71, 10892), (73, 10907), (92, 11042),

Gene: Zaka_26 Start: 15191, Stop: 15793, Start Num: 21
Candidate Starts for Zaka_26:
(Start: 21 @15191 has 235 MA's), (Start: 25 @15215 has 1 MA's), (44, 15344), (45, 15368), (46, 15404), (61, 15554), (69, 15590), (71, 15599), (72, 15611), (78, 15668),

Gene: ZamZam_18 Start: 10157, Stop: 10714, Start Num: 27
Candidate Starts for ZamZam_18:
(Start: 27 @10157 has 10 MA's), (50, 10391), (65, 10505), (71, 10529), (85, 10646),

Gene: Zarafa_22 Start: 14054, Stop: 14638, Start Num: 20
Candidate Starts for Zarafa_22:
(13, 14015), (Start: 20 @14054 has 294 MA's), (Start: 24 @14075 has 2 MA's), (Start: 25 @14078 has 1 MA's), (29, 14099), (31, 14114), (45, 14225), (47, 14297), (70, 14453), (76, 14504), (79, 14534), (82, 14558),

Gene: Zetzy_23 Start: 14008, Stop: 14601, Start Num: 20
Candidate Starts for Zetzy_23:
(Start: 20 @14008 has 294 MA's), (Start: 25 @14032 has 1 MA's), (29, 14053), (31, 14068), (45, 14179), (46, 14215), (57, 14320), (60, 14356), (70, 14410), (71, 14416), (76, 14461), (95, 14575),

Gene: Zimmer_25 Start: 16700, Stop: 17287, Start Num: 21
Candidate Starts for Zimmer_25:
(Start: 21 @16700 has 235 MA's), (Start: 25 @16724 has 1 MA's), (30, 16751), (52, 16982), (60, 17054), (82, 17210),

Gene: Zolita_18 Start: 13584, Stop: 14444, Start Num: 3
Candidate Starts for Zolita_18:
(Start: 3 @13584 has 37 MA's), (8, 13713), (14, 13800), (Start: 24 @13854 has 2 MA's), (30, 13893), (33, 13932), (38, 13980), (44, 14016), (45, 14040), (52, 14145), (60, 14217), (78, 14343), (86, 14394),

Gene: Zulu_26 Start: 15190, Stop: 15792, Start Num: 21
Candidate Starts for Zulu_26:
(Start: 21 @15190 has 235 MA's), (Start: 25 @15214 has 1 MA's), (44, 15343), (45, 15367), (46, 15403), (61, 15553), (69, 15589), (71, 15598), (72, 15610), (78, 15667),