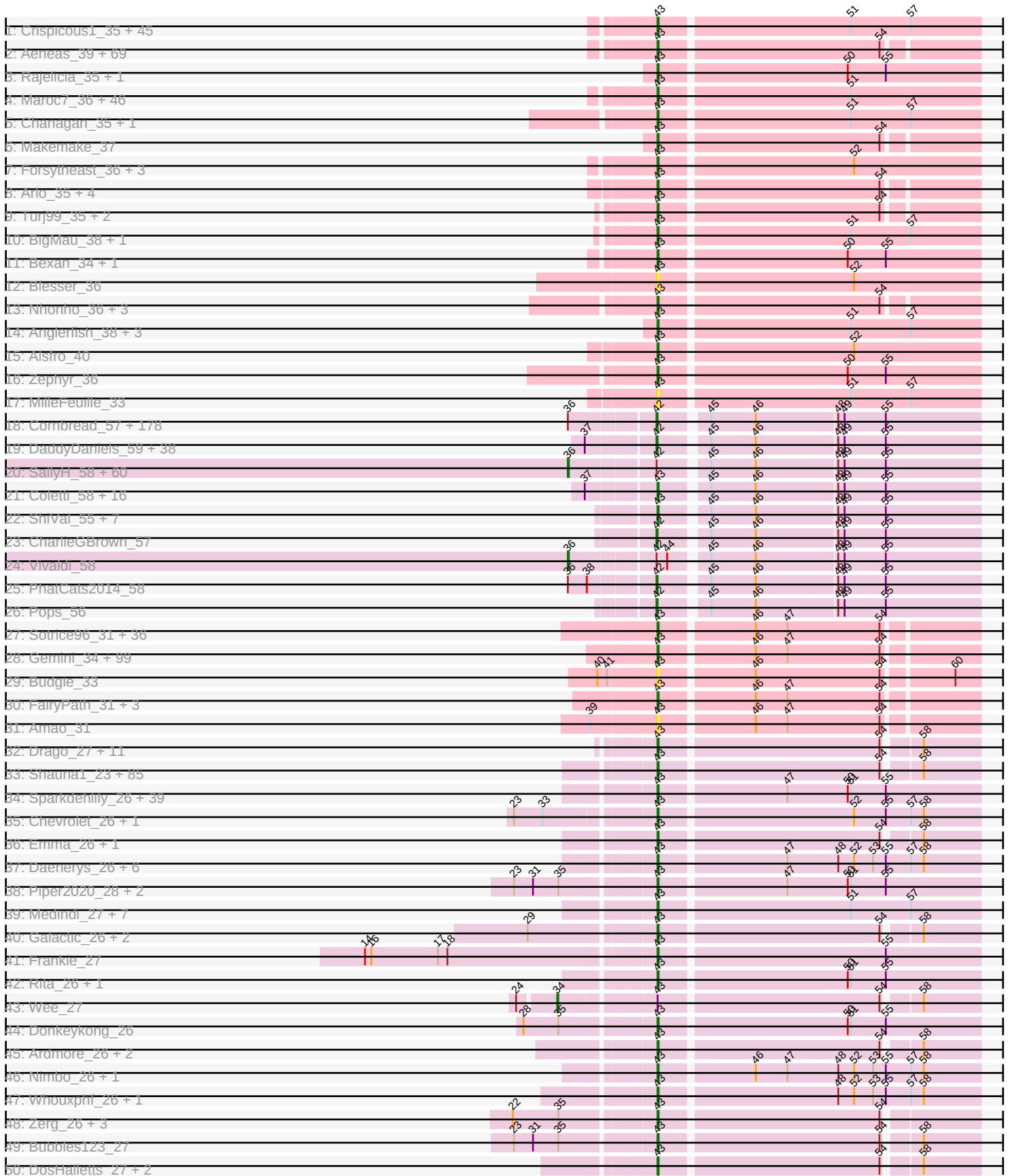
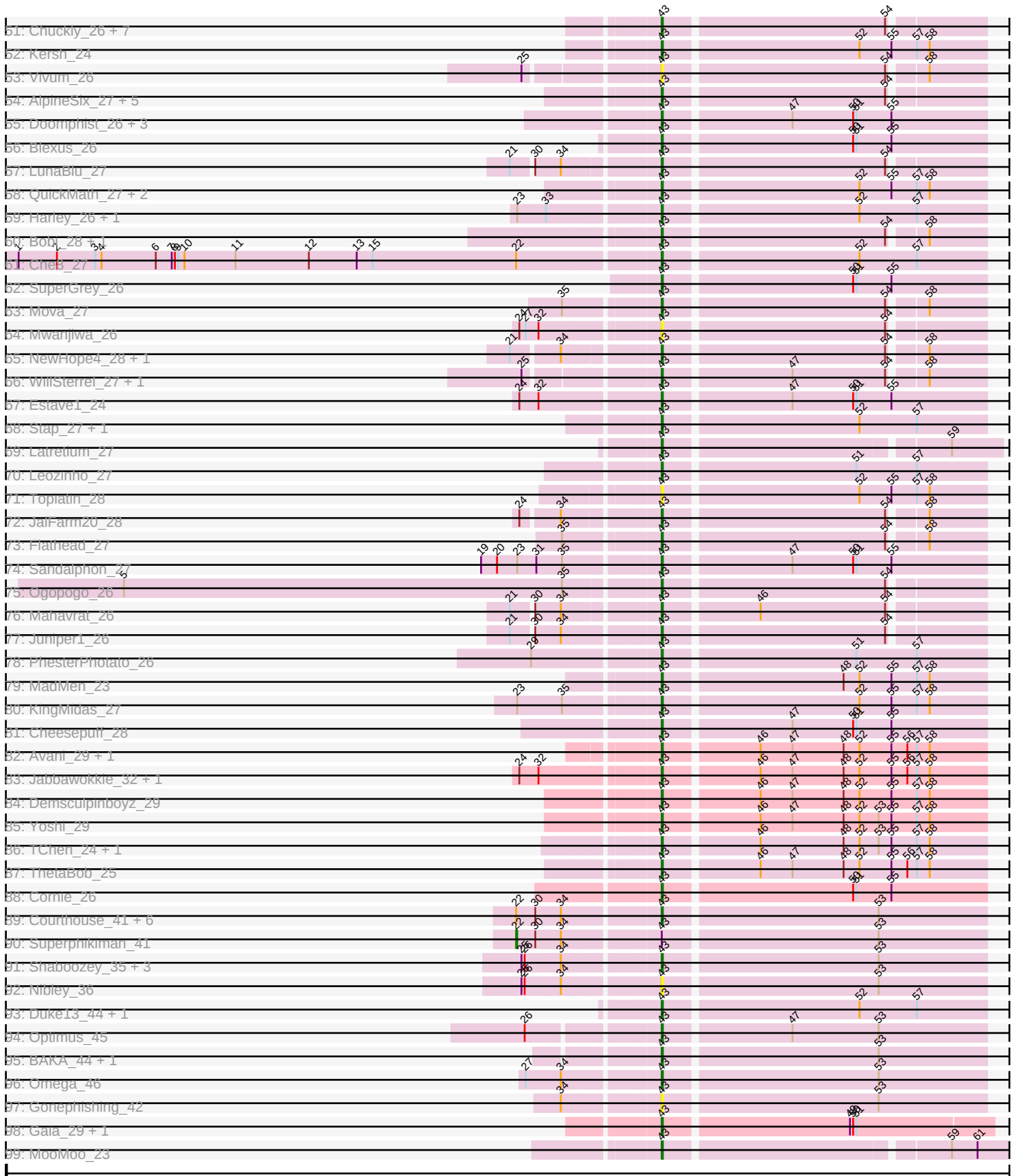




Pham 234966



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 234966 Report

This analysis was run 02/07/26 on database version 634.

Pham number 234966 has 916 members, 82 are drafts.

Phages represented in each track:

- Track 1 : Crispicous1_35, Bethlehem_36, BarrowTuph_35, Tasp14_37, Scowl_36, Pippin_38, KikiBouba_38, Violet_35, Paphu_35, DrFeelGood_35, CatBus_38, Dreamboat_37, Ichabod_37, KyMonks1A_39, Mkhuse1_37, Noxious_38, Zeeculate_36, Big3_36, Greg_38, Acme_39, PhineBark_35, Lamina13_36, Gwendoluna_39, MrGordo_36, Fajezeel_38, TheloniousMonk_38, Papez_38, Michley_36, PinkPlastic_35, Beatrix_36, Parliament_35, Jasper_37, ILeeKay_38, Licorice_38, Sumter_35, Burton_37, Hermia_39, Teodoridan_34, Aldrich_38, Museum_38, Alvin_37, Levia_33, BPBiebs31_37, Jorgensen_36, Norz_38, McSinger_37
- Track 2 : Aeneas_39, PhrostyMug_37, Zeuska_37, GroundGoblin_38, Ringer_37, Petruchio_37, Lesedi_35, Sandaddy_36, DD5_37, KBG_37, Rufus_38, Traft412_38, Abrogate_370, Lockley_37, JackSparrow_37, Ashballer_38, Rhynn_36, McGuire_37, Sagefire_38, BillKnuckles_37, Perseus_38, GrecoEtere0_38, Sunshine924_38, Nerujay_37, Espresso_36, U2_36, Atkinbua_38, Dulcie_35, Ohno789_36, Sibs6_37, Bxb1_34, Euphoria_36, Manatee_37, Sorpresa_36, MetalQZJ_36, SpikeBT_38, Briton15_38, Mryolo_34, Paraselene_35, Bircsak_36, Kenmech_39, Gompeii16_36, Marco3_36, Bruns_35, MaryBeth_36, Edtherson_37, Bigchungji_36, STLscum_37, SkiPole_39, Solon_36, CartmannCramer_36, Blue_36, Switzer_37, Trouble_37, Watermelon_38, AFIS_36, Rutherford_38, Marge_37, PherrisBueller_37, BaconJack_39, Monet_38, Smeagol_38, QTRLifeCrisis_37, Pari_37, Hope4ever_36, NEHalo_36, Magnar_36, Niza_39, Gachnar_38, Treddle_38
- Track 3 : Rajelicia_35, TwoPeat_37
- Track 4 : Maroc7_36, Marchy_31, PascalRango_37, Gandalf20_37, Bones_36, RidgeCB_36, Adahisdi_37, DreamCatcher_39, Ciao_36, Kugel_37, SarFire_36, Tripl3t_37, Ajay_37, Swole_38, Eyeball_36, KSSJEB_36, JuliaChild_38, Seabiscuit_38, Bob3_35, LunarLander_37, Oogway_35, Fenn_37, Squee_37, Francis47_36, Petp2012_38, Marcell_36, Dussy_37, Thor_36, Pita2_38, Ruotula_36, Lopton_37, BeesKnees_37, PattyP_38, PacerPaul_37, Seanderson_37, Cueyliss_36, Payneul_36, PSullivan_35, GMonster_35, HermioneGrange_36, Molly_38, Naira_37, Graduation_38, Puppet_36, Dynamix_37, Abbyshoes_38, MPlant7149_36
- Track 5 : Chanagan_35, Killigrew_34
- Track 6 : Makemake_37
- Track 7 : Forsytheast_36, Corvo_37, SwissCheese_38, Moose_36
- Track 8 : Arlo_35, Kanely_37, Raid_37, ConceptII_38, Altman_38
- Track 9 : Turj99_35, Jerm2_37, Magnito_35
- Track 10 : BigMau_38, Rohr_37

- Track 11 : Bexan_34, StrongArm_35
- Track 12 : Blesser_36
- Track 13 : Nhonho_36, Wheeler_37, Marsha_36, Barriga_36
- Track 14 : Anglerfish_38, Sanya_35, Slagathor_37, Snazzy_35
- Track 15 : Alsfro_40
- Track 16 : Zephyr_36
- Track 17 : MilleFeuille_33
- Track 18 : Cornbread_57, Veritas_58, JakeO_57, Hartsy_58, HighStump_59, DolOn_61, Frankicide_56, Fozzie_56, Apizium_56, CamL_57, Mosaic_56, Grand2040_57, ShadowBud_58, BlueHusk_58, Altwerkus_55, Fringe_61, MRabcd_56, Windsor_57, Aonishiki_58, LeiMonet_59, Sophia_56, Skippy_58, Daka_59, Dati_57, Eugenia_57, YouGoGlencoco_58, Mutante_57, Lehmann_57, Crownjwl_57, HSavage_56, Placalicious_57, Cosmolli16_58, Cornobble_56, DirtJuice_58, Flake_59, Haimas_56, Carthage_55, Pherdinand_58, Tooj_55, Aelin_56, Dione_55, Orwigg_57, Mesmerelda_56, Surely_57, Etaye_57, Chorkpop_57, Melc17_57, Andre_59, CheetO_56, Morty_58, Chuni_58, Childish_57, Morgushi_57, ABU_58, KlimbOn_56, DuchessDung_58, Prickles_58, Bishoperium_57, Chipette_58, Bluephacebaby_57, Horchata_56, KingTut_49, Colbert_55, Weher20_57, Timmi_56, Solosis_56, Mikota_55, DoesntMatter_55, Maru_57, Inchworm_59, Riggan_58, AbsoluteMadLad_56, SDcharge11_56, Fang_58, BlackStallion_58, Swish_58, Gwennie1_57, Jillium_57, Nicole21_58, FugateOSU_57, Kikipoo_58, Freya_55, Larson_59, Schadenfreude_56, Lopsy_54, Adriana_58, UncleHowie_56, Ricotta_56, BoogieWoogie_58, AltPhacts_56, ProfessorX_56, Potter_56, Slatt_58, Gophee_58, QueenBeane_57, PallasAthena_59, RedRaider89_58, Roscoe_57, Dingo_55, FremontTroll_58, LeeLot_57, Phipps_57, FleetyMac_58, PinheadLarry_58, AngelCake_58, Chunky_55, Happabalu_57, OSmaximus_58, Puhltonio_57, Mesh1_58, Longacauda_58, Mecca_57, CampRoach_59, Oosterbaan_57, Basato_57, TomBombadil_57, Sigman_58, Matalotodo_56, Legolas_59, Badfish_58, Chah_59, ElvisPhasley_58, LemonSlice_58, Katniss_58, Serendipity_57, Zelda_57, SirBeauregard_58, PhrodoBaggins_58, Kwadwo_56, Cannibal_57, Buckeye_56, Soto_55, Thora_57, Sheila_55, LasagnaCat_59, Samaymay_57, Scrick_58, Haleema_56, LostAndPhound_57, LuckyMarjie_55, Eremos_56, Pacifista_56, Orion_58, Chaelin_58, Scoot17C_58, Telesworld_55, Aleia_58, Megamind20_58, SassyCat97_56, KingVeVeVe_55, RedMaple_58, Usavi_57, MiniBoss_55, Phunky_56, Kimbrough_58, IsaacEli_58, Murdoc_56, HogWash_57, Squiggle_58, Lulwa_55, Nathan_58, Iridoclysis_58, Olak_56, Giraffe_58, Vaishali24_55, Roliet_55, FluffyNinja_58, Harvey_56, Dice_56, Orfeu_55, Plata_57, Triad_57, Yoshand_58, Vortex_57, SilverBell_56, OliverWalter_56, Robyn_56, Tomlara_58, PG1_58
- Track 19 : DaddyDaniels_59, Jiminy_57, Durga_59, ImtiyazSitla_58, Trypo_59, Jiraiya_57, Phergie_58, BatteryCK_57, Labeouficaum_57, Derpp_56, Phleuron_57, Doddsville_57, Virapocalypse_58, Hocus_57, MrPhizzler_59, MichaelPhcott_57, PhenghisKhan_57, Zonia_58, PhrankReynolds_56, Rimu_57, Oline_57, Wallhey_57, Mag7_57, Ashraf_58, Duggie_57, Kailash_57, Pinkman_56, MelsMeow_57, Thunderbird_56, TyrionL_57, GeneCoco_57, Caspiboi_57, Kwksand96_57, Schueller_57, Maskar_58, Emiris_59, Struggle_57, Khan1_58, JangoPhett_57
- Track 20 : SallyH_58, Suffolk_55, ThreeOh3D2_58, Piglet_0057, Gyarad_0055, TallGrassMM_57, Riverton_55, Toni_56, Hetaeria_56, Vista_56, Newman_56, Burr_57, Squid_57, Daffy_57, Antonia_56, TooFast2Furius_59, Serpentine_0057, Mulan_57, Nacho_0058, JDog_56, Jesabah_58, MitKao_57, True_56, Mcshane_56, UAch1_56, Pipsqueak_56, Gareth_57, Banjo_56, Quisquillae_58, Manad_56, Waterdiva_57, Kahve_57, Selr12_57, KLucky39_55, Lasso_57, Iridessa_58, Mana_56, Lego3393_56, Vaticameos_54, Lumine_58, Anderson_58, Phareon_56,

Hertubise_57, Inverness_56, Magic8_58, Roy17_56, Podrick_55, Beaglebox_57, Lulumae_55, Gwilliam_58, Cher_57, Megatron_58, Cobra_58, Xavier_56, Held_57, HenryJackson_57, JacAttac_58, Phamished_58, Nyala_56, Craff_60, DonSanchon_55

- Track 21 : Coletti_58, PhatLouie_58, Kloppinator_57, BlacksBerry_56, Keitherie_58, Virgeve_56, Soile_58, Hamish_56, DelRivs_56, Plmatters_56, Chute_57, Swiphy_58, Brilliant_59, Charles1_58, Omniscient_58, Simielle_56, Numberten_56

- Track 22 : ShiVal_55, Spartan300_56, FriarPreacher_56, Boehler_56, Olive_56, Valjean_56, EmpTee_56, Zaider_57

- Track 23 : CharlieGBrown_57

- Track 24 : Vivaldi_58

- Track 25 : PhatCats2014_58

- Track 26 : Pops_56

- Track 27 : Sotrice96_31, Gator_29, Rakim_32, Kostya_32, TeardropMSU_30, Phaja_31, Flypotenuse_29, Asriel_30, BilboSwaggins_31, Myrale_31, Harella_30, Youngblood_31, Traaww1_29, Pat3_30, Glexan_29, IHOP_31, Command613_32, Balomoji_30, Icee_30, BadStone_30, Bask21_31, Tuco_32, NelitzaMV_31, Cactus_32, CrystalP_31, Barbarian_30, Mindy_31, Henry_32, ABCat_30, Nala_31, Daikon_30, Marshmallow_31, ShamWow_31, Dusk_30, Filch_32, SirDuracell_30, Toto_31

- Track 28 : Gemini_34, Maxxinista_32, Moldemort_32, Tarkin_33, Gage_33, StormChicken_31, HuffyPuff_30, Petra64142_33, FireRed_31, Czyszczo1_32, StellaBean_31, Qualification_32, Tomaszewski_30, Bogg_31, Rimmer_30, FoghornLeghorn_30, Kanye_33, Emmina_32, GoldenSpark_33, Thimble_31, Thresher_32, Sassay_30, Highbury_32, BaboJay_30, Murphy_32, 244_33, Stark_32, Lilpickle_30, HanKaySha_32, Argent26_33, MISSy_30, Nimrod_31, Dumbo_31, MadamMonkfish_31, Manda_32, Ukulele_31, TeamEdward_31, Becksu_31, Bench_33, YassJohnny_32, SophKB_31, Adnama_34, GooberAzure_33, Hopey_33, Miniwave_31, PhatBacter_31, JeTaimie_33, MPhalcon_30, Saints25_32, Kimchi_33, Stank_34, ShereKhan_33, Easy2Say_33, StolenFromERC_33, ChotaBhai_31, Palpatine_31, Lilac_33, Contagion_30, NonchalantPear_31, Hoonter_33, Mosby_30, Phaux_30, RiverMonster_31, BigBubba_32, Simpliphy_32, AmericanBeauty_33, Terminus_31, Goldilocks_32, Brewer_31, Phrux_31, Elite2014_30, Cjw1_31, Misfit_31, Ptowny_32, Greep_32, BugsBunny_29, Wiggin_34, ChosenOne_31, MollyToe_31, DoctorDiddles_31, Bruin_31, Xandras_33, Willez_30, DrDrey_32, Paperbeatsrock_33, Holt_32, Elph10_32, TBrady12_33, Cookies_31, Porky_31, Pumpkin_33, Teaspoon_32, Buck_30, xkcd_32, NoSleep_32, Lilizi_33, OrionPax_32, Murica_30, Pharsalus_32, Inca_30

- Track 29 : Budgie_33

- Track 30 : FairyPath_31, Eureka_31, Goku_31, Policronamos_31

- Track 31 : Amao_31

- Track 32 : Drago_27, Geralt_26, Lorde_27, Rockne_26, Phatniss_27, Whatsapiecost_26, PMC_26, Lucia_27, ShroomBoi_23, Deb65_26, Llij_26, UncleRicky_29

- Track 33 : Shauna1_23, ByChance_26, Enby_27, BodEinwohner17_26, Mandlovu_26, Fancypants_26, Kingsley_24, Coco12_25, Brushbloom_27, Kenuha5_23, SG4_26, Wachhund_26, Tootsieroll_27, Brookers_24, EleanorGeorge_26, Byougenkin_26, Fruitloop_26, CaptainTrips_27, Polka14_27, Filuzino_26, XFactor_26, Eish_26, DoRead_26, Lizziana_26, Firehouse51_27, MilleniumForce_27, Hlubikazi_26, Aloeri_28, SassyB_26, SilverChicken_33, Nitzel_27, Ovechkin_26, Quico_27, DocMcStuffins_28, Jant_27, Tweety_27, Beanstalk_30, BuzzLyseyear_28, Leperchaun_26, MinionDave_27, DaWorst_28, Ramsey_27, Bipolar_23, Mutaforma13_26, Nivrat_26, ShowerHandel_26,

Juice456_28, Burwell21_26, Fastidio_27, Yorick_26, KristaRAM_27, LilMoolah_26,
 ShiLan_26, NormanBulbieJr_26, SwagPigglett_26, Awesomesauce_27,
 Royals2015_26, Pacc40_26, DaddyRickover_26, Alexphander_28, Doug_27,
 Florinda_26, Peridot_29, Dorothy_26, Hades_26, RitaG_26, Phanphagia_23,
 Eradicator_26, Melissauren88_26, Zizzle_26, Polo2Bam_30, PopTart_26,
 Strokeseat_26, Taj_26, Martik_26, DeadP_26, DillTech15_26, Hegedechwinu_27,
 Misha28_27, TootsiePop_27, Mozy_27, Minnie_27, Girafales_27, ChickenDinner_28,
 Gandolph_26, Maravista_26
 • Track 34 : Sparkdehlily_26, BobaPhett_26, EmiMonkey_26, Cabrinians_26,
 James_26, FreddyB_26, PhilipPhlop_26, Philus_26, SimranZ1_27, MisterCuddles_26,
 Totinger_27, Priscilla_26, LittleShirley_27, Guppsters_27, TDanisky_26, Slim_27,
 Madiba_24, Empress_27, Inventum_26, Phasih_27, DirtMcgirt_27, Jarcob_26,
 Saal_26, Veteran_26, OlympiaSaint_26, Rialto_28, GigiOuiOui_26, Mantra_26,
 Emmaloid_27, DRBy19_26, Gorge_26, GUmbe_26, OldBen_26, Karhdo_26,
 Sassafras_26, Mattes_26, Radiance_26, Girr_26, Spoonbill_26, Ruby_26
 • Track 35 : Chevrolet_26, ArcusAngelus_26
 • Track 36 : Emma_26, Moonbeam_27
 • Track 37 : Daenerys_26, Sabbb_27, BlueCrab_26, JoeyJr_26, Scottish_27,
 Pollywog_26, Soul22_30
 • Track 38 : Piper2020_28, Job42_29, Dante_26
 • Track 39 : Medindi_27, VRedHorse_26, IbOuu_28, DLane_26, Phalconet_26,
 Seagreen_27, Beakin_27, Marker_27
 • Track 40 : Galactic_26, Batiatus_26, Krakatau_27
 • Track 41 : Frankie_27
 • Track 42 : Rita_26, Starceovich_27
 • Track 43 : Wee_27
 • Track 44 : Donkeykong_26
 • Track 45 : Ardmore_26, RedBird_26, Aubs_26
 • Track 46 : Nimbo_26, PHappiness_26
 • Track 47 : Whouxphf_26, Hamulus_26
 • Track 48 : Zerg_26, Blarby_34, Spikelee_27, RockyHorror_27
 • Track 49 : Bubbles123_27
 • Track 50 : DosHalletts_27, Cornucopia_27, Plumbus_27
 • Track 51 : Chuckly_26, KingJulian_26, OwlsT2W_28, Grimmer_28, Corium_26,
 Renaud18_26, Violac_27, PatoPoderoso_26
 • Track 52 : Kersh_24
 • Track 53 : Vivum_26
 • Track 54 : AlpineSix_27, Seabastian_26, Jinglebell_25, Modragons_26,
 OfUltron_26, Llama_26
 • Track 55 : Doomphist_26, DotProduct_26, Boomer_27, Poenanya_26
 • Track 56 : Blexus_26
 • Track 57 : LunaBlu_27
 • Track 58 : QuickMath_27, Kimberlium_28, MulchExplorer_29
 • Track 59 : Harley_26, Ibhubesi_26
 • Track 60 : Bobi_28, Spartacus_27
 • Track 61 : Che8_27
 • Track 62 : SuperGrey_26
 • Track 63 : Mova_27
 • Track 64 : Mwanjiwa_26
 • Track 65 : NewHope4_28, SiSi_26
 • Track 66 : WillSterrel_27, IrishSherpFalk_27
 • Track 67 : Estave1_24
 • Track 68 : Stap_27, Minerva_47

- Track 69 : Latretium_27
- Track 70 : Leozinho_27
- Track 71 : Topiatin_28
- Track 72 : JalFarm20_28
- Track 73 : Flathead_27
- Track 74 : Sandalphon_27
- Track 75 : Ogopogo_26
- Track 76 : Mahavrat_26
- Track 77 : Juniper1_26
- Track 78 : PhesterPhotato_26
- Track 79 : MadMen_23
- Track 80 : KingMidas_27
- Track 81 : Cheesepuff_28
- Track 82 : Avani_29, Che9d_29
- Track 83 : Jabbawokkie_32, Zapner_31
- Track 84 : Demsculpinboyz_29
- Track 85 : Yoshi_29
- Track 86 : TChen_24, LunaStella_26
- Track 87 : ThetaBob_25
- Track 88 : Cornie_26
- Track 89 : Courthouse_41, Lucky2013_41, DmpstrDiver_42, Porcelain_40, Ariel_41, Squint_40, MiaZeal_41
- Track 90 : Superphikiman_41
- Track 91 : Shaboozey_35, Hannaconda_38, KashFlow_35, BronnyJames_35
- Track 92 : Nibley_36
- Track 93 : Duke13_44, Wanda_47
- Track 94 : Optimus_45
- Track 95 : BAKA_44, LittleE_47
- Track 96 : Omega_46
- Track 97 : Gonephishing_42
- Track 98 : Gaia_29, Nebkiss_31
- Track 99 : MooMoo_23

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

The start number called the most often in the published annotations is 43, it was called in 575 of the 834 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 244_33, ABCat_30, AFIS_36, Abbyshoes_38, Abrogate_370, Acme_39, Adahisdi_37, Adnama_34, Aeneas_39, Ajay_37, Aldrich_38, Alexphander_28, Aloeri_28, AlpineSix_27, Alsfro_40, Altman_38, Alvin_37, Amao_31, AmericanBeauty_33, Anglerfish_38, ArcusAngelus_26, Ardmore_26, Argent26_33, Ariel_41, Arlo_35, Ashballer_38, Asriel_30, Atkinbua_38, Aubs_26, Avani_29, Awesomesauce_27, BAKA_44, BPBiebs31_37, BaboJay_30, BaconJack_39, BadStone_30, Balomoji_30, Barbarian_30, Barriga_36, BarrowTuph_35, Bask21_31, Batiatus_26, Beakin_27, Beanstalk_30, Beatrix_36, Becksu_31, BeesKnees_37, Bench_33, Bethlehem_36, Bexan_34, Big3_36, BigBubba_32, BigMau_38, Bigchungi_36, BilboSwaggins_31, BillKnuckles_37, Bipolar_23, Bircsak_36, BlacksBerry_56, Blarby_34, Blessor_36, Blexus_26, BlueCrab_26, Blue_36,

Bob3_35, BobaPhett_26, Bobi_28, BodEinwohner17_26, Boehler_56, Bogg_31, Bones_36, Boomer_27, Brewer_31, Brilliant_59, Briton15_38, BronnyJames_35, Brookers_24, Bruin_31, Bruns_35, Brushbloom_27, Bubbles123_27, Buck_30, Budgie_33, BugsBunny_29, Burton_37, Burwell21_26, BuzzLyseyear_28, Bxb1_34, ByChance_26, Byougenkin_26, Cabrinians_26, Cactus_32, CaptainTrips_27, CartmannCramer_36, CatBus_38, Chanagan_35, Charles1_58, Che8_27, Che9d_29, Cheesepuff_28, Chevrolet_26, ChickenDinner_28, ChosenOne_31, ChotaBhai_31, Chuckly_26, Chute_57, Ciao_36, Cjw1_31, Coco12_25, Coletti_58, Command613_32, ConceptII_38, Contagion_30, Cookies_31, Corium_26, Cornie_26, Cornucopia_27, Corvo_37, Courthouse_41, Crispicous1_35, CrystalP_31, Cueyllyss_36, Czyszczo1_32, DD5_37, DLane_26, DRBy19_26, DaWorst_28, DaddyRickover_26, Daenerys_26, Daikon_30, Dante_26, DeadP_26, Deb65_26, DelRivs_56, Demsculpinboyz_29, DillTech15_26, DirtMcgirt_27, DmpstrDiver_42, DoRead_26, DocMcStuffsins_28, DoctorDiddles_31, Donkeykong_26, Doomphist_26, Dorothy_26, DosHalletts_27, DotProduct_26, Doug_27, DrDrey_32, DrFeelGood_35, Drago_27, DreamCatcher_39, Dreamboat_37, Duke13_44, Dulcie_35, Dumbo_31, Dusk_30, Dussy_37, Dynamix_37, Easy2Say_33, Edtherson_37, Eish_26, EleanorGeorge_26, Elite2014_30, Elph10_32, EmiMonkey_26, Emma_26, Emmaloid_27, Emmina_32, EmpTee_56, Empress_27, Enby_27, Eradicator_26, Espresso_36, Estave1_24, Euphoria_36, Eureka_31, Eyeball_36, FairyPath_31, Fajezeel_38, Fancypants_26, Fastidio_27, Fenn_37, Filch_32, Filuzino_26, FireRed_31, Firehouse51_27, Flathead_27, Florinda_26, Flypotenuse_29, FoghornLeghorn_30, Forsytheast_36, Francis47_36, Frankie_27, FreddyB_26, FriarPreacher_56, Fruitloop_26, GMonster_35, GUmbie_26, Gachnar_38, Gage_33, Gaia_29, Galactic_26, Gandalf20_37, Gandolph_26, Gator_29, Gemini_34, Geralt_26, GigiOuiOui_26, Girafales_27, Girr_26, Glexan_29, Goku_31, GoldenSpark_33, Goldilocks_32, Gompeii16_36, Gonephishing_42, GooberAzure_33, Gorge_26, Graduation_38, GrecoEtereo_38, Greep_32, Greg_38, Grimmer_28, GroundGoblin_38, Guppsters_27, Gwendoluna_39, Hades_26, Hamish_56, Hamulus_26, HankKaySha_32, Hannaconda_38, Harella_30, Harley_26, Hegedechwinu_27, Henry_32, Hermia_39, HermioneGrange_36, Highbury_32, Hlubikazi_26, Holt_32, Hoonter_33, Hope4ever_36, Hopey_33, HufflyPuff_30, IHOP_31, ILeeKay_38, IbOuu_28, Ibhubesi_26, Icee_30, Ichabod_37, Inca_30, Inventum_26, IrishSherpFalk_27, Jabbawokkie_32, JackSparrow_37, JalFarm20_28, James_26, Jant_27, Jarcob_26, Jasper_37, JeTaimie_33, Jerm2_37, Jinglebell_25, Job42_29, JoeyJr_26, Jorgensen_36, Juice456_28, JuliaChild_38, Juniper1_26, KBG_37, KSSJEB_36, Kanely_37, Kanye_33, Karhdo_26, KashFlow_35, Keitherie_58, Kenmech_39, Kenuha5_23, Kersh_24, KikiBouba_38, Killigrew_34, Kimberlium_28, Kimchi_33, KingJulian_26, KingMidas_27, Kingsley_24, Kloppinator_57, Kostya_32, Krakatau_27, KristaRAM_27, Kugel_37, KyMonks1A_39, Lamina13_36, Latretium_27, Leozinho_27, Leperchaun_26, Lesedi_35, Levia_33, Licorice_38, LilMoolah_26, Lilac_33, Lilizi_33, Lilpickle_30, LittleE_47, LittleShirley_27, Lizziana_26, Llama_26, Llij_26, Lockley_37, Lopton_37, Lorde_27, Lucia_27, Lucky2013_41, LunaBlu_27, LunaStella_26, LunarLander_37, MISSy_30, MPhalcon_30, MPlant7149_36, MadMen_23, MadamMonkfish_31, Madiba_24, Magnar_36, Magnito_35, Mahavrat_26, Makemake_37, Manatee_37, Manda_32, Mandlovu_26, Mantra_26, Maravista_26, Marcell_36, Marchy_31, Marco3_36, Marge_37, Marker_27, Maroc7_36, Marsha_36, Marshmallow_31, Martik_26, MaryBeth_36, Mattes_26, Maxxinista_32, McGuire_37, McSinger_37, Medindi_27, Melissauren88_26, MetalQZJ_36, MiaZeal_41, Michley_36, MilleFeuille_33, MilleniumForce_27, Mindy_31, Minerva_47, MinionDave_27, Miniwave_31, Minnie_27, Misfit_31, Misha28_27, MisterCuddles_26, Mkhuseli_37, Modragons_26, Moldemort_32, MollyToe_31, Molly_38, Monet_38, MooMoo_23, Moonbeam_27,

Moose_36, Mosby_30, Mova_27, Mozy_27, MrGordo_36, Mryolo_34,
 MulchExplorer_29, Murica_30, Murphy_32, Museum_38, Mutaforma13_26,
 Mwanjiwa_26, Myrale_31, NEHalo_36, Naira_37, Nala_31, Nebkiss_31,
 NelitzaMV_31, Nerujay_37, NewHope4_28, Nhonho_36, Nibley_36, Nimbo_26,
 Nimrod_31, Nitzel_27, Nivrat_26, Niza_39, NoSleep_32, NonchalantPear_31,
 NormanBulbieJr_26, Norz_38, Noxious_38, Numberten_56, OfUltron_26,
 Ogopogo_26, Ohno789_36, OldBen_26, Olive_56, OlympiaSaint_26, Omega_46,
 Omniscient_58, Oogway_35, Optimus_45, OrionPax_32, Ovechkin_26,
 OwlsT2W_28, PHappiness_26, PMC_26, PSullivan_35, Pacc40_26, PacerPaul_37,
 Palpatine_31, Paperbeatsrock_33, Papez_38, Paphu_35, Paraselene_35, Pari_37,
 Parliament_35, PascalRango_37, Pat3_30, PatoPoderoso_26, PattyP_38,
 Payneful_36, Peridot_29, Perseus_38, Petp2012_38, Petra64142_33, Petruchio_37,
 Phaja_31, Phalconet_26, Phanphagia_23, Pharsalus_32, Phasih_27, PhatBacter_31,
 PhatLouie_58, Phatniss_27, Phaux_30, PherrisBueller_37, PhesterPhotato_26,
 Philus_26, PhineBark_35, PhlipPhlop_26, PhrostyMug_37, Phrux_31, PinkPlastic_35,
 Piper2020_28, Pippin_38, Pita2_38, PImatters_56, Plumbus_27, Poenanya_26,
 Policronamos_31, Polka14_27, Pollywog_26, Polo2Bam_30, PopTart_26,
 Porcelain_40, Porky_31, Priscilla_26, Ptowny_32, Pumpkin_33, Puppet_36,
 QTRlifeCrisis_37, Qualification_32, QuickMath_27, Quico_27, Radiance_26,
 Raid_37, Rajelicia_35, Rakim_32, Ramsey_27, RedBird_26, Renaud18_26,
 Rhynn_36, Rialto_28, RidgeCB_36, Rimmer_30, Ringer_37, RitaG_26, Rita_26,
 RiverMonster_31, Rockne_26, RockyHorror_27, Rohr_37, Royals2015_26, Ruby_26,
 Rufus_38, Ruotula_36, Rutherford_38, SG4_26, STLscum_37, Saal_26, Sabbb_27,
 Sagefire_38, Saints25_32, Sandaddy_36, Sandalphon_27, Sanya_35, SarFire_36,
 Sassafras_26, Sassay_30, SassyB_26, Scottish_27, Scowl_36, Seabastian_26,
 Seabiscuit_38, Seagreen_27, Seanderson_37, Shaboozey_35, ShamWow_31,
 Shauna1_23, ShereKhan_33, ShiLan_26, ShiVal_55, ShowerHandel_26,
 ShroomBoi_23, SiSi_26, Sibs6_37, SilverChicken_33, Simielle_56, Simpliphy_32,
 SimranZ1_27, SirDuracell_30, SkiPole_39, Slagathor_37, Slim_27, Smeagol_38,
 Snazzy_35, Soile_58, Solon_36, SophKB_31, Sorpresa_36, Sotrice96_31,
 Soul22_30, Sparkdehlily_26, Spartacus_27, Spartan300_56, SpikeBT_38,
 Spikelee_27, Spoonbill_26, Squee_37, Squint_40, Stank_34, Stap_27,
 Starcevic_27, Stark_32, StellaBean_31, StolenFromERC_33, StormChicken_31,
 Strokeseat_26, StrongArm_35, Sumter_35, Sunshine924_38, SuperGrey_26,
 SwagPigglett_26, Swiphy_58, SwissCheese_38, Switzer_37, Swole_38,
 TBrady12_33, TChen_24, TDanisky_26, Taj_26, Tarkin_33, Tasp14_37,
 TeamEdward_31, TeardropMSU_30, Teaspoon_32, Teodoridan_34, Terminus_31,
 TheloniousMonk_38, ThetaBob_25, Thimble_31, Thor_36, Thresher_32,
 Tomaszewski_30, TootsiePop_27, Tootsieroll_27, Topiatin_28, Totinger_27, Toto_31,
 Traaww1_29, Traft412_38, Treddle_38, Tripl3t_37, Trouble_37, Tuco_32, Turj99_35,
 Tweety_27, TwoPeat_37, U2_36, Ukulele_31, UncleRicky_29, VRedHorse_26,
 Valjean_56, Veteran_26, Violac_27, Violet_35, Virgeve_56, Vivum_26,
 Wachhund_26, Wanda_47, Watermelon_38, Whatsapiecost_26, Wheeler_37,
 Whouxphf_26, Wiggin_34, WillSterrel_27, Willez_30, XFactor_26, Xandras_33,
 YassJohnny_32, Yorick_26, Yoshi_29, Youngblood_31, Zaider_57, Zapner_31,
 Zeeculate_36, Zephyr_36, Zerg_26, Zeuska_37, Zizzle_26, xkcd_32,

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

- Superphikiman_41, Wee_27,

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

- ABU_58, AbsoluteMadLad_56, Adriana_58, Aelin_56, Aleia_58, AltPhacts_56,
 Altwerkus_55, Anderson_58, Andre_59, AngelCake_58, Antonia_56, Aonishiki_58,

Apizium_56, Ashraf_58, Badfish_58, Banjo_56, Basato_57, BatteryCK_57,
 Beaglebox_57, Bishoperium_57, BlackStallion_58, BlueHusk_58, Bluephacebaby_57,
 BoogieWoogie_58, Buckeye_56, Burr_57, CamL_57, CampRoach_59, Cannibal_57,
 Carthage_55, Caspiboi_57, Chaelin_58, Chah_59, CharlieGBrown_57, CheetO_56,
 Cher_57, Childish_57, Chipette_58, Chorkpop_57, Chuni_58, Chunky_55, Cobra_58,
 Colbert_55, Cornbread_57, Cornobble_56, Cosmolli16_58, Craff_60, Crownjwl_57,
 DaddyDaniels_59, Daffy_57, Daka_59, Dati_57, Derpp_56, Dice_56, Dingo_55,
 Dione_55, DirtJuice_58, Doddsville_57, DoesntMatter_55, DoOn_61,
 DonSancho_55, DuchessDung_58, Duggie_57, Durga_59, ElvisPhasley_58,
 Emiris_59, Eremos_56, Etaye_57, Eugenia_57, Fang_58, Flake_59, FleetyMac_58,
 FluffyNinja_58, Fozzie_56, Frankicide_56, FremontTroll_58, Freya_55, Fringe_61,
 FugateOSU_57, Gareth_57, GeneCoco_57, Giraffe_58, Gophe_58, Grand2040_57,
 Gwennie1_57, Gwilliam_58, Gyarad_0055, HSavage_56, Haimas_56, Haleema_56,
 Happabalu_57, Hartsy_58, Harvey_56, Held_57, HenryJackson_57, Hertubise_57,
 Hetaeria_56, HighStump_59, Hocus_57, HogWash_57, Horchata_56,
 ImtiyazSitla_58, Inchworm_59, Inverness_56, Iridessa_58, Iridoclysis_58,
 IsaacEli_58, JDog_56, JacAttac_58, JakeO_57, JangoPhett_57, Jesabah_58,
 Jillium_57, Jiminy_57, Jiraiya_57, KLUcky39_55, Kahve_57, Kailash_57, Katniss_58,
 Khan1_58, Kikipoo_58, Kimbrough_58, KingTut_49, KingVeVeVe_55, KlimbOn_56,
 Kwadwo_56, Kwksand96_57, Labeoufcaum_57, Larson_59, LasagnaCat_59,
 Lasso_57, LeeLot_57, Lego3393_56, Legolas_59, Lehmann_57, LeiMonet_59,
 LemonSlice_58, Longacauda_58, Lopsy_54, LostAndPhound_57, LuckyMarjie_55,
 Lulumae_55, Lulwa_55, Lumine_58, MRabcd_56, Mag7_57, Magic8_58, Mana_56,
 Manad_56, Maru_57, Maskar_58, Matalotodo_56, Mcshane_56, Mecca_57,
 Megamind20_58, Megatron_58, Melc17_57, MelsMeow_57, Mesh1_58,
 Mesmerelda_56, MichaelPhcott_57, Mikota_55, MiniBoss_55, MitKao_57,
 Morgushi_57, Morty_58, Mosaic_56, MrPhizzler_59, Mulan_57, Murdoc_56,
 Mutante_57, Nacho_0058, Nathan_58, Newman_56, Nicole21_58, Nyala_56,
 OSmaximus_58, Olak_56, Oline_57, OliverWalter_56, Oosterbaan_57, Orfeu_55,
 Orion_58, Orwigg_57, PG1_58, Pacifista_56, PallasAthena_59, Phamished_58,
 Phareon_56, PhatCats2014_58, PhenghisKhan_57, Pherdinand_58, Phergie_58,
 Phipps_57, Phleuron_57, PhrankReynolds_56, PhrodoBaggins_58, Phunky_56,
 Piglet_0057, PinheadLarry_58, Pinkman_56, Pipsqueak_56, Placalicious_57,
 Plata_57, Podrick_55, Pops_56, Potter_56, Prickles_58, ProfessorX_56,
 Puhltonio_57, QueenBeane_57, Quisquilliae_58, RedMaple_58, RedRaider89_58,
 Ricotta_56, Riggan_58, Rimu_57, Riverton_55, Robyn_56, Roliet_55, Roscoe_57,
 Roy17_56, SDcharge11_56, SallyH_58, Samaymay_57, SassyCat97_56,
 Schadenfreude_56, Schueller_57, Scoot17C_58, Scrick_58, Selr12_57,
 Serendipity_57, Serpentine_0057, ShadowBud_58, Sheila_55, Sigman_58,
 SilverBell_56, SirBeauregard_58, Skippy_58, Slatt_58, Solosis_56, Sophia_56,
 Soto_55, Squid_57, Squiggle_58, Struggle_57, Suffolk_55, Surely_57, Swish_58,
 TallGrassMM_57, Telesworld_55, Thora_57, ThreeOh3D2_58, Thunderbird_56,
 Timmi_56, TomBombadil_57, Tomlarah_58, Toni_56, TooFast2Furius_59, Tooj_55,
 Triad_57, True_56, Trypo_59, TyrionL_57, UAch1_56, UncleHowie_56, Usavi_57,
 Vaishali24_55, Vaticameos_54, Veritas_58, Virapocalypse_58, Vista_56, Vivaldi_58,
 Vortex_57, Wallhey_57, Waterdiva_57, Weher20_57, Windsor_57, Xavier_56,
 Yoshand_58, YouGoGlencoco_58, Zelda_57, Zonia_58,

Summary by start number:

Start 22:

- Found in 13 of 916 (1.4%) of genes in pham
- Manual Annotations of this start: 1 of 834

- Called 7.7% of time when present
- Phage (with cluster) where this start called: Superphikiman_41 (J),

Start 34:

- Found in 22 of 916 (2.4%) of genes in pham
- Manual Annotations of this start: 1 of 834
- Called 4.5% of time when present
- Phage (with cluster) where this start called: Wee_27 (F1),

Start 36:

- Found in 242 of 916 (26.4%) of genes in pham
- Manual Annotations of this start: 59 of 834
- Called 25.6% of time when present
- Phage (with cluster) where this start called: Anderson_58 (B1), Antonia_56 (B1), Banjo_56 (B1), Beaglebox_57 (B1), Burr_57 (B1), Cher_57 (B1), Cobra_58 (B1), Craff_60 (B1), Daffy_57 (B1), DonSanchon_55 (B1), Gareth_57 (B1), Gwilliam_58 (B1), Gyarad_0055 (B1), Held_57 (B1), HenryJackson_57 (B1), Hertubise_57 (B1), Hetaeria_56 (B1), Inverness_56 (B1), Iridessa_58 (B1), JDog_56 (B1), JacAttac_58 (B1), Jesabah_58 (B1), KLucky39_55 (B1), Kahve_57 (B1), Lasso_57 (B1), Lego3393_56 (B1), Lulumae_55 (B1), Lumine_58 (B1), Magic8_58 (B1), Mana_56 (B1), Manad_56 (B1), Mcshane_56 (B1), Megatron_58 (B1), MitKao_57 (B1), Mulan_57 (B1), Nacho_0058 (B1), Newman_56 (B1), Nyala_56 (B1), Phamished_58 (B1), Phareon_56 (B1), Piglet_0057 (B1), Pipsqueak_56 (B1), Podrick_55 (B1), Quisquiliae_58 (B1), Riverton_55 (B1), Roy17_56 (B1), SallyH_58 (B1), Selr12_57 (B1), Serpentine_0057 (B1), Squid_57 (B1), Suffolk_55 (B1), TallGrassMM_57 (B1), ThreeOh3D2_58 (B1), Toni_56 (B1), TooFast2Furius_59 (B1), True_56 (B1), UAch1_56 (B1), Vaticameos_54 (B1), Vista_56 (B1), Vivaldi_58 (B1), Waterdiva_57 (B1), Xavier_56 (B1),

Start 42:

- Found in 283 of 916 (30.9%) of genes in pham
- Manual Annotations of this start: 198 of 834
- Called 78.1% of time when present
- Phage (with cluster) where this start called: ABU_58 (B1), AbsoluteMadLad_56 (B1), Adriana_58 (B1), Aelin_56 (B1), Aleia_58 (B1), AltPhacts_56 (B1), Altwerkus_55 (B1), Andre_59 (B1), AngelCake_58 (B1), Aonishiki_58 (B1), Apizium_56 (B1), Ashraf_58 (B1), Badfish_58 (B1), Basato_57 (B1), BatteryCK_57 (B1), Bishoperium_57 (B1), BlackStallion_58 (B1), BlueHusk_58 (B1), Bluephacebaby_57 (B1), BoogieWoogie_58 (B1), Buckeye_56 (B1), CamL_57 (B1), CampRoach_59 (B1), Cannibal_57 (B1), Carthage_55 (B1), Caspiroi_57 (B1), Chaelin_58 (B1), Chah_59 (B1), CharlieGBrown_57 (B1), CheetO_56 (B1), Childish_57 (B1), Chipette_58 (B1), Chorkpop_57 (B1), Chuni_58 (B1), Chunky_55 (B1), Colbert_55 (B1), Cornbread_57 (B1), Cornobble_56 (B1), Cosmolli16_58 (B1), Crownjwl_57 (B1), DaddyDaniels_59 (B1), Daka_59 (B1), Dati_57 (B1), Derpp_56 (B1), Dice_56 (B1), Dingo_55 (B1), Dione_55 (B1), DirtJuice_58 (B1), Doddsville_57 (B1), DoesntMatter_55 (B1), DolOn_61 (B1), DuchessDung_58 (B1), Duggie_57 (B1), Durga_59 (B1), ElvisPhasley_58 (B1), Emiris_59 (B1), Eremos_56 (B1), Etaye_57 (B1), Eugenia_57 (B1), Fang_58 (B1), Flake_59 (B1), FleetyMac_58 (B1), FluffyNinja_58 (B1), Fozzie_56 (B1), Frankicide_56 (B1), FremontTroll_58 (B1), Freya_55 (B1), Fringe_61 (B1), FugateOSU_57 (B1), GeneCoco_57 (B1), Giraffe_58 (B1), Gophee_58 (B1), Grand2040_57 (B1), Gwennie1_57 (B1), HSavage_56 (B1), Haimas_56 (B1), Haleema_56 (B1), Happabalu_57 (B1), Hartsy_58 (B1), Harvey_56 (B1), HighStump_59 (B1), Hocus_57 (B1), HogWash_57 (B1), Horchata_56 (B1),

ImtiyazSitla_58 (B1), Inchworm_59 (B1), Iridoclysis_58 (B1), IsaacEli_58 (B1), JakeO_57 (B1), JangoPhett_57 (B1), Jillium_57 (B1), Jiminy_57 (B1), Jiraiya_57 (B1), Kailash_57 (B1), Katniss_58 (B1), Khan1_58 (B1), Kikipoo_58 (B1), Kimbrough_58 (B1), KingTut_49 (B1), KingVeVeVe_55 (B1), KlimbOn_56 (B1), Kwadwo_56 (B1), Kwksand96_57 (B1), Labeouficaum_57 (B1), Larson_59 (B1), LasagnaCat_59 (B1), LeeLot_57 (B1), Legolas_59 (B1), Lehmann_57 (B1), LeiMonet_59 (B1), LemonSlice_58 (B1), Longacauda_58 (B1), Lopsy_54 (B1), LostAndPhound_57 (B1), LuckyMarjie_55 (B1), Lulwa_55 (B1), MRabcd_56 (B1), Mag7_57 (B1), Maru_57 (B1), Maskar_58 (B1), Matalotodo_56 (B1), Mecca_57 (B1), Megamind20_58 (B1), Melc17_57 (B1), MelsMeow_57 (B1), Mesh1_58 (B1), Mesmerelda_56 (B1), MichaelPhcott_57 (B1), Mikota_55 (B1), MiniBoss_55 (B1), Morgushi_57 (B1), Morty_58 (B1), Mosaic_56 (B1), MrPhizzler_59 (B1), Murdoc_56 (B1), Mutante_57 (B1), Nathan_58 (B1), Nicole21_58 (B1), OSmaximus_58 (B1), Olak_56 (B1), Oline_57 (B1), OliverWalter_56 (B1), Oosterbaan_57 (B1), Orfeu_55 (B1), Orion_58 (B1), Orwigg_57 (B1), PG1_58 (B1), Pacifista_56 (B1), PallasAthena_59 (B1), PhatCats2014_58 (B1), PhenghisKhan_57 (B1), Pherdinand_58 (B1), Phergie_58 (B1), Phipps_57 (B1), Phleuron_57 (B1), PhrankReynolds_56 (B1), PhrodoBaggins_58 (B1), Phunky_56 (B1), PinheadLarry_58 (B1), Pinkman_56 (B1), Placalicious_57 (B1), Plata_57 (B1), Pops_56 (B1), Potter_56 (B1), Prickles_58 (B1), ProfessorX_56 (B1), Puhltonio_57 (B1), QueenBeane_57 (B1), RedMaple_58 (B1), RedRaider89_58 (B1), Ricotta_56 (B1), Riggan_58 (B1), Rimu_57 (B1), Robyn_56 (B1), Roliet_55 (B1), Roscoe_57 (B1), SDcharge11_56 (B1), Samaymay_57 (B1), SassyCat97_56 (B1), Schadenfreude_56 (B1), Schueller_57 (B1), Scoot17C_58 (B1), Scrick_58 (B1), Serendipity_57 (B1), ShadowBud_58 (B1), Sheila_55 (B1), Sigman_58 (B1), SilverBell_56 (B1), SirBeauregard_58 (B1), Skippy_58 (B1), Slatt_58 (B1), Solosis_56 (B1), Sophia_56 (B1), Soto_55 (B1), Squiggle_58 (B1), Struggle_57 (B1), Surely_57 (B1), Swish_58 (B1), Telesworld_55 (B1), Thora_57 (B1), Thunderbird_56 (B1), Timmi_56 (B1), TomBombadil_57 (B1), Tomlara_58 (B1), Tooj_55 (B1), Triad_57 (B1), Trypo_59 (B1), TyrionL_57 (B1), UncleHowie_56 (B1), Usavi_57 (B1), Vaishali24_55 (B1), Veritas_58 (B1), Virapocalypse_58 (B1), Vortex_57 (B1), Wallhey_57 (B1), Weher20_57 (B1), Windsor_57 (B1), Yoshand_58 (B1), YouGoGlencoco_58 (B1), Zelda_57 (B1), Zonia_58 (B1),

Start 43:

- Found in 633 of 916 (69.1%) of genes in pham
- Manual Annotations of this start: 575 of 834
- Called 99.7% of time when present
- Phage (with cluster) where this start called: 244_33 (E), ABCat_30 (E), AFIS_36 (A1), Abbyshoes_38 (A1), Abrogate_370 (A1), Acme_39 (A1), Adahisdi_37 (A1), Adnama_34 (E), Aeneas_39 (A1), Ajay_37 (A1), Aldrich_38 (A1), Alexphander_28 (F1), Aloeri_28 (F1), AlpineSix_27 (F1), Alsfro_40 (A1), Altman_38 (A1), Alvin_37 (A1), Amao_31 (E), AmericanBeauty_33 (E), Anglerfish_38 (A1), ArcusAngelus_26 (F1), Ardmore_26 (F1), Argent26_33 (E), Ariel_41 (J), Arlo_35 (A1), Ashballer_38 (A1), Asriel_30 (E), Atkinbua_38 (A1), Aubs_26 (F1), Avani_29 (F2), Awesomesauce_27 (F1), BAKA_44 (J), BPBiebs31_37 (A1), BaboJay_30 (E), BaconJack_39 (A1), BadStone_30 (E), Balomoji_30 (E), Barbarian_30 (E), Barriga_36 (A1), BarrowTuph_35 (A1), Bask21_31 (E), Batiatius_26 (F1), Beakin_27 (F1), Beanstalk_30 (F1), Beatrix_36 (A1), Becksu_31 (E), BeesKnees_37 (A1), Bench_33 (E), Bethlehem_36 (A1), Bexan_34 (A1), Big3_36 (A1), BigBubba_32 (E), BigMau_38 (A1), Bigchungi_36 (A1), BilboSwaggins_31 (E), BillKnuckles_37 (A1), Bipolar_23 (F1), Bircsak_36 (A1), BlacksBerry_56 (B1), Blarby_34 (F), Blessor_36 (A1), Blexus_26 (F1), BlueCrab_26 (F1), Blue_36 (A1), Bob3_35 (A1), BobaPhett_26

(F1), Bobi_28 (F1), BodEinwohner17_26 (F1), Boehler_56 (B1), Bogg_31 (E), Bones_36 (A1), Boomer_27 (F1), Brewer_31 (E), Brilliant_59 (B1), Briton15_38 (A1), BronnyJames_35 (J), Brookers_24 (F1), Bruin_31 (E), Bruns_35 (A1), Brushbloom_27 (F1), Bubbles123_27 (F1), Buck_30 (E), Budgie_33 (E), BugsBunny_29 (E), Burton_37 (A1), Burwell21_26 (F1), BuzzLyseyear_28 (F1), Bxb1_34 (A1), ByChance_26 (F1), Byougenkin_26 (F1), Cabrinians_26 (F1), Cactus_32 (E), CaptainTrips_27 (F1), CartmannCramer_36 (A1), CatBus_38 (A1), Chanagan_35 (A1), Charles1_58 (B1), Che8_27 (F1), Che9d_29 (F2), CheesePuff_28 (F1), Chevrolet_26 (F1), ChickenDinner_28 (F1), ChosenOne_31 (E), ChotaBhai_31 (E), Chuckly_26 (F1), Chute_57 (B1), Ciao_36 (A1), Cjw1_31 (E), Coco12_25 (F1), Coletti_58 (B1), Command613_32 (E), ConceptII_38 (A1), Contagion_30 (E), Cookies_31 (E), Corium_26 (F1), Cornie_26 (F5), Cornucopia_27 (F1), Corvo_37 (A1), Courthouse_41 (J), Crispious1_35 (A1), CrystalP_31 (E), Cueyliss_36 (A1), Czyszczone1_32 (E), DD5_37 (A1), DLane_26 (F1), DRBy19_26 (F1), DaWorst_28 (F1), DaddyRickover_26 (F1), Daenerys_26 (F1), Daikon_30 (E), Dante_26 (F1), DeadP_26 (F1), Deb65_26 (F1), DelRivs_56 (B1), Demsculpinboyz_29 (F2), DillTech15_26 (F1), DirtMcGirt_27 (F1), DmpstrDiver_42 (J), DoRead_26 (F1), DocMcStuffins_28 (F1), DoctorDiddles_31 (E), Donkeykong_26 (F1), Doomphist_26 (F1), Dorothy_26 (F1), DosHalletts_27 (F1), DotProduct_26 (F1), Doug_27 (F1), DrDrey_32 (E), DrFeelGood_35 (A1), Drago_27 (F1), DreamCatcher_39 (A1), Dreamboat_37 (A1), Duke13_44 (J), Dulcie_35 (A1), Dumbo_31 (E), Dusk_30 (E), Dussy_37 (A1), Dynamix_37 (A1), Easy2Say_33 (E), Edtherson_37 (A1), Eish_26 (F1), EleanorGeorge_26 (F1), Elite2014_30 (E), Elph10_32 (E), EmiMonkey_26 (F1), Emma_26 (F1), Emmaloid_27 (F1), Emmina_32 (E), EmpTee_56 (B1), Empress_27 (F1), Enby_27 (F1), Eradicator_26 (F1), Espresso_36 (A1), Estave1_24 (F1), Euphoria_36 (A1), Eureka_31 (E), Eyeball_36 (A1), FairyPath_31 (E), Fajezeel_38 (A1), Fancypants_26 (F1), Fastidio_27 (F1), Fenn_37 (A1), Filch_32 (E), Filuzino_26 (F1), FireRed_31 (E), Firehouse51_27 (F1), Flathead_27 (F1), Florinda_26 (F1), Flypotenuse_29 (E), FoghornLeghorn_30 (E), Forsytheast_36 (A1), Francis47_36 (A1), Frankie_27 (F1), FreddyB_26 (F1), FriarPreacher_56 (B1), Fruitloop_26 (F1), GMonster_35 (A1), GUmBie_26 (F1), Gachnar_38 (A1), Gage_33 (E), Gaia_29 (X), Galactic_26 (F1), Gandalf20_37 (A1), Gandolph_26 (F1), Gator_29 (E), Gemini_34 (E), Geralt_26 (F1), GigiOuiOui_26 (F1), Girafales_27 (F1), Girr_26 (F1), Glexan_29 (E), Goku_31 (E), GoldenSpark_33 (E), Goldilocks_32 (E), Gompeii16_36 (A1), Gonephishing_42 (J), GooberAzure_33 (E), Gorge_26 (F1), Graduation_38 (A1), GrecoEtereo_38 (A1), Greep_32 (E), Greg_38 (A1), Grimmer_28 (F1), GroundGoblin_38 (A1), Guppsters_27 (F1), Gwendoluna_39 (A1), Hades_26 (F1), Hamish_56 (B1), Hamulus_26 (F1), HanKaySha_32 (E), Hannaconda_38 (J), Harella_30 (E), Harley_26 (F1), Hegedechwinu_27 (F1), Henry_32 (E), Hermia_39 (A1), HermioneGrange_36 (A1), Highbury_32 (E), Hlubikazi_26 (F1), Holi_32 (E), Hoonter_33 (E), Hope4ever_36 (A1), Hopey_33 (E), HuffyPuff_30 (E), IHOP_31 (E), ILeeKay_38 (A1), IbOuu_28 (F1), Ibhubes1_26 (F1), Icee_30 (E), Ichabod_37 (A1), Inca_30 (E), Inventum_26 (F1), IrishSherpFalk_27 (F1), Jabbawokkie_32 (F2), JackSparrow_37 (A1), JalFarm20_28 (F1), James_26 (F1), Jant_27 (F1), Jacob_26 (F1), Jasper_37 (A1), JeTaime_33 (E), Jerm2_37 (A1), Jinglebell_25 (F1), Job42_29 (F1), JoeyJr_26 (F1), Jorgensen_36 (A1), Juice456_28 (F1), JuliaChild_38 (A1), Juniper1_26 (F1), KBG_37 (A1), KSSJEB_36 (A1), Kanely_37 (A1), Kanye_33 (E), Karhdo_26 (F1), KashFlow_35 (J), Keitherie_58 (B1), Kenmech_39 (A1), Kenuha5_23 (F1), Kersh_24 (F1), KikiBouba_38 (A1), Killigrew_34 (A1), Kimberlium_28 (F1), Kimchi_33 (E), KingJulian_26 (F1), KingMidas_27 (F1), Kingsley_24 (F1), Kloppinator_57 (B1), Kostya_32 (E), Krakatau_27 (F1), KristaRAM_27 (F1), Kugel_37 (A1), KyMonks1A_39 (A1), Lamina13_36 (A1), Latretium_27 (F1), Leozinho_27 (F1), Leperchaun_26 (F1),

Lesedi_35 (A1), Levia_33 (A1), Licorice_38 (A1), LilMoolah_26 (F1), Lilac_33 (E), Lilizi_33 (E), Lilpickle_30 (E), LittleE_47 (J), LittleShirley_27 (F1), Lizziana_26 (F1), Llama_26 (F1), Llij_26 (F1), Lockley_37 (A1), Lopton_37 (A1), Lorde_27 (F1), Lucia_27 (F1), Lucky2013_41 (J), LunaBlu_27 (F1), LunaStella_26 (F4), LunarLander_37 (A1), MISSy_30 (E), MPhalcon_30 (E), MPlant7149_36 (A1), MadMen_23 (F1), MadamMonkfish_31 (E), Madiba_24 (F1), Magnar_36 (A1), Magnito_35 (A1), Mahavrat_26 (F1), Makemake_37 (A1), Manatee_37 (A1), Manda_32 (E), Mandlovu_26 (F1), Mantra_26 (F1), Maravista_26 (F1), Marcell_36 (A1), Marchy_31 (A1), Marco3_36 (A1), Marge_37 (A1), Marker_27 (F1), Maroc7_36 (A1), Marsha_36 (A1), Marshmallow_31 (E), Martik_26 (F1), MaryBeth_36 (A1), Mattes_26 (F1), Maxxista_32 (E), McGuire_37 (A1), McSinger_37 (A1), Medindi_27 (F1), Melissauren88_26 (F1), MetalQZJ_36 (A1), MiaZeal_41 (J), Michley_36 (A1), MilleFeuille_33 (A1), MilleniumForce_27 (F1), Mindy_31 (E), Minerva_47 (J), MinionDave_27 (F1), Miniwave_31 (E), Minnie_27 (F1), Misfit_31 (E), Misha28_27 (F1), MisterCuddles_26 (F1), Mkhuseleli_37 (A1), Modragons_26 (F1), Moldemort_32 (E), MollyToe_31 (E), Molly_38 (A1), Monet_38 (A1), MooMoo_23 (singleton), Moonbeam_27 (F1), Moose_36 (A1), Mosby_30 (E), Mova_27 (F1), Mozy_27 (F1), MrGordo_36 (A1), Mryolo_34 (A1), MulchExplorer_29 (F1), Murica_30 (E), Murphy_32 (E), Museum_38 (A1), Mutaforma13_26 (F1), Mwanjiwa_26 (F1), Myrale_31 (E), NEHalo_36 (A1), Naira_37 (A1), Nala_31 (E), Nebkiss_31 (X), NelitzaMV_31 (E), Nerujay_37 (A1), NewHope4_28 (F1), Nhonho_36 (A1), Nibley_36 (J), Nimbo_26 (F1), Nimrod_31 (E), Nitzel_27 (F1), Nivrat_26 (F1), Niza_39 (A1), NoSleep_32 (E), NonchalantPear_31 (E), NormanBulbieJr_26 (F1), Norz_38 (A1), Noxious_38 (A1), Numberten_56 (B1), OfUltron_26 (F1), Ogopogo_26 (F1), Ohno789_36 (A1), OldBen_26 (F1), Olive_56 (B1), OlympiaSaint_26 (F1), Omega_46 (J), Omniscient_58 (B1), Oogway_35 (A1), Optimus_45 (J), OrionPax_32 (E), Ovechkin_26 (F1), OwlsT2W_28 (F1), PHappiness_26 (F1), PMC_26 (F1), PSullivan_35 (A1), Pacc40_26 (F1), PacerPaul_37 (A1), Palpatine_31 (E), Paperbeatsrock_33 (E), Papez_38 (A1), Paphu_35 (A1), Paraselene_35 (A1), Pari_37 (A1), Parliament_35 (A1), PascalRango_37 (A1), Pat3_30 (E), PatoPoderoso_26 (F1), PattyP_38 (A1), Payneful_36 (A1), Peridot_29 (F1), Perseus_38 (A1), Petp2012_38 (A1), Petra64142_33 (E), Petruchio_37 (A1), Phaja_31 (E), Phalconet_26 (F1), Phanphagia_23 (F1), Pharsalus_32 (E), Phasih_27 (F1), PhatBacter_31 (E), PhatLouie_58 (B1), Phatniss_27 (F1), Phaux_30 (E), PherrisBueller_37 (A1), PhesterPhotato_26 (F1), Philus_26 (F1), PhineBark_35 (A1), PhilipPhlop_26 (F1), PhrostyMug_37 (A1), Phrux_31 (E), PinkPlastic_35 (A1), Piper2020_28 (F1), Pippin_38 (A1), Pita2_38 (A1), Plmatters_56 (B1), Plumbus_27 (F1), Poenanya_26 (F1), Policronamos_31 (E), Polka14_27 (F1), Pollywog_26 (F1), Polo2Bam_30 (F1), PopTart_26 (F1), Porcelain_40 (J), Porky_31 (E), Priscilla_26 (F1), Ptowny_32 (E), Pumpkin_33 (E), Puppet_36 (A1), QTRlifeCrisis_37 (A1), Quallification_32 (E), QuickMath_27 (F1), Quico_27 (F1), Radiance_26 (F1), Raid_37 (A1), Rajelicia_35 (A1), Rakim_32 (E), Ramsey_27 (F1), RedBird_26 (F1), Renaud18_26 (F4), Rhynn_36 (A1), Rialto_28 (F1), RidgeCB_36 (A1), Rimmer_30 (E), Ringer_37 (A1), RitaG_26 (F1), Rita_26 (F1), RiverMonster_31 (E), Rockne_26 (F1), RockyHorror_27 (F1), Rohr_37 (A1), Royals2015_26 (F1), Ruby_26 (F1), Rufus_38 (A1), Ruotula_36 (A1), Rutherferd_38 (A1), SG4_26 (F1), STLscum_37 (A1), Saal_26 (F1), Sabbb_27 (F1), Sagefire_38 (A1), Saints25_32 (E), Sandaddy_36 (A1), Sandalphon_27 (F1), Sanya_35 (A1), SarFire_36 (A1), Sassafras_26 (F1), Sassay_30 (E), SassyB_26 (F1), Scottish_27 (F1), Scowl_36 (A1), Seabastian_26 (F1), Seabiscuit_38 (A1), Seagreen_27 (F1), Seanderson_37 (A1), Shaboozey_35 (J), ShamWow_31 (E), Shauna1_23 (F1), ShereKhan_33 (E), ShiLan_26 (F1), ShiVal_55 (B1), ShowerHandel_26 (F1), ShroomBoi_23 (F1), SiSi_26 (F1), Sibs6_37 (A1), SilverChicken_33 (F2), Simielle_56 (B1), Simpliphy_32 (E), SimranZ1_27 (F1),

SirDuracell_30 (E), SkiPole_39 (A1), Slagathor_37 (A1), Slim_27 (F1), Smeagol_38 (A1), Snazzy_35 (A1), Soile_58 (B1), Solon_36 (A1), SophKB_31 (E), Sorpresa_36 (A1), Sotrice96_31 (E), Soul22_30 (F2), Sparkdehlily_26 (F1), Spartacus_27 (F1), Spartan300_56 (B1), SpikeBT_38 (A1), Spikelee_27 (F1), Spoonbill_26 (F1), Squee_37 (A1), Squint_40 (J), Stank_34 (E), Stap_27 (F1), Starceвич_27 (F1), Stark_32 (E), StellaBean_31 (E), StolenFromERC_33 (E), StormChicken_31 (E), Strokeseat_26 (F1), StrongArm_35 (A1), Sumter_35 (A1), Sunshine924_38 (A1), SuperGrey_26 (F1), SwagPiggett_26 (F1), Swiphy_58 (B1), SwissCheese_38 (A1), Switzer_37 (A1), Swole_38 (A1), TBrady12_33 (E), TChen_24 (F4), TDanisky_26 (F1), Taj_26 (F1), Tarkin_33 (E), Tasp14_37 (A1), TeamEdward_31 (E), TeardropMSU_30 (E), Teaspoon_32 (E), Teodoridan_34 (A1), Terminus_31 (E), TheloniousMonk_38 (A1), ThetaBob_25 (F4), Thimble_31 (E), Thor_36 (A1), Thresher_32 (E), Tomaszewski_30 (E), TootsiePop_27 (F1), Tootsieroll_27 (F1), Topiatin_28 (F1), Totinger_27 (F1), Toto_31 (E), Traaww1_29 (E), Traft412_38 (A1), Treddle_38 (A1), Tripl3t_37 (A1), Trouble_37 (A1), Tuco_32 (E), Turj99_35 (A1), Tweety_27 (F1), TwoPeat_37 (A1), U2_36 (A1), Ukulele_31 (E), UncleRicky_29 (F1), VRedHorse_26 (F1), Valjean_56 (B1), Veteran_26 (F1), Violac_27 (F1), Violet_35 (A1), Virgeve_56 (B1), Vivum_26 (F1), Wachhund_26 (F1), Wanda_47 (J), Watermelon_38 (A1), Whatsapiecost_26 (F1), Wheeler_37 (A1), Whouxphf_26 (F1), Wiggin_34 (E), WillSterrel_27 (F1), Willez_30 (E), XFactor_26 (F1), Xandras_33 (E), YassJohnny_32 (E), Yorick_26 (F1), Yoshi_29 (F2), Youngblood_31 (E), Zaider_57 (B1), Zapner_31 (F2), Zeeculate_36 (A1), Zephyr_36 (A1), Zerg_26 (F1), Zeuska_37 (A1), Zizzle_26 (F1), xkcd_32 (E),

Summary by clusters:

There are 11 clusters represented in this pham: F1, F2, F4, F5, F, J, singleton, A1, B1, X, E,

Info for manual annotations of cluster A1:

- Start number 43 was manually annotated 181 times for cluster A1.

Info for manual annotations of cluster B1:

- Start number 36 was manually annotated 59 times for cluster B1.
- Start number 42 was manually annotated 198 times for cluster B1.
- Start number 43 was manually annotated 23 times for cluster B1.

Info for manual annotations of cluster E:

- Start number 43 was manually annotated 127 times for cluster E.

Info for manual annotations of cluster F1:

- Start number 34 was manually annotated 1 time for cluster F1.
- Start number 43 was manually annotated 213 times for cluster F1.

Info for manual annotations of cluster F2:

- Start number 43 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F4:

- Start number 43 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:

- Start number 43 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster J:

- Start number 22 was manually annotated 1 time for cluster J.
- Start number 43 was manually annotated 16 times for cluster J.

Info for manual annotations of cluster X:

- Start number 43 was manually annotated 2 times for cluster X.

Gene Information:

Gene: 244_33 Start: 29563, Stop: 29847, Start Num: 43

Candidate Starts for 244_33:

(Start: 43 @29563 has 575 MA's), (46, 29647), (47, 29677), (54, 29764),

Gene: ABCat_30 Start: 29275, Stop: 29559, Start Num: 43

Candidate Starts for ABCat_30:

(Start: 43 @29275 has 575 MA's), (46, 29359), (47, 29389), (54, 29476),

Gene: ABU_58 Start: 49145, Stop: 48855, Start Num: 42

Candidate Starts for ABU_58:

(Start: 36 @49220 has 59 MA's), (Start: 42 @49145 has 198 MA's), (45, 49106), (46, 49064), (48, 48989), (49, 48983), (55, 48944),

Gene: AFIS_36 Start: 29218, Stop: 29502, Start Num: 43

Candidate Starts for AFIS_36:

(Start: 43 @29218 has 575 MA's), (54, 29419),

Gene: Abbyshoes_38 Start: 29147, Stop: 29443, Start Num: 43

Candidate Starts for Abbyshoes_38:

(Start: 43 @29147 has 575 MA's), (51, 29321),

Gene: Abrogate_370 Start: 29893, Stop: 30177, Start Num: 43

Candidate Starts for Abrogate_370:

(Start: 43 @29893 has 575 MA's), (54, 30094),

Gene: AbsoluteMadLad_56 Start: 48857, Stop: 48567, Start Num: 42

Candidate Starts for AbsoluteMadLad_56:

(Start: 36 @48932 has 59 MA's), (Start: 42 @48857 has 198 MA's), (45, 48818), (46, 48776), (48, 48701), (49, 48695), (55, 48656),

Gene: Acme_39 Start: 29434, Stop: 29730, Start Num: 43

Candidate Starts for Acme_39:

(Start: 43 @29434 has 575 MA's), (51, 29608), (57, 29665),

Gene: Adahisdi_37 Start: 29304, Stop: 29600, Start Num: 43

Candidate Starts for Adahisdi_37:

(Start: 43 @29304 has 575 MA's), (51, 29478),

Gene: Adnama_34 Start: 29790, Stop: 30074, Start Num: 43

Candidate Starts for Adnama_34:

(Start: 43 @29790 has 575 MA's), (46, 29874), (47, 29904), (54, 29991),

Gene: Adriana_58 Start: 49142, Stop: 48852, Start Num: 42

Candidate Starts for Adriana_58:

(Start: 36 @49217 has 59 MA's), (Start: 42 @49142 has 198 MA's), (45, 49103), (46, 49061), (48, 48986), (49, 48980), (55, 48941),

Gene: Aelin_56 Start: 48421, Stop: 48131, Start Num: 42

Candidate Starts for Aelin_56:

(Start: 36 @48496 has 59 MA's), (Start: 42 @48421 has 198 MA's), (45, 48382), (46, 48340), (48, 48265), (49, 48259), (55, 48220),

Gene: Aeneas_39 Start: 29470, Stop: 29754, Start Num: 43

Candidate Starts for Aeneas_39:

(Start: 43 @29470 has 575 MA's), (54, 29671),

Gene: Ajay_37 Start: 29043, Stop: 29339, Start Num: 43

Candidate Starts for Ajay_37:

(Start: 43 @29043 has 575 MA's), (51, 29217),

Gene: Aldrich_38 Start: 30272, Stop: 30568, Start Num: 43

Candidate Starts for Aldrich_38:

(Start: 43 @30272 has 575 MA's), (51, 30446), (57, 30503),

Gene: Aleia_58 Start: 48747, Stop: 48457, Start Num: 42

Candidate Starts for Aleia_58:

(Start: 36 @48822 has 59 MA's), (Start: 42 @48747 has 198 MA's), (45, 48708), (46, 48666), (48, 48591), (49, 48585), (55, 48546),

Gene: Alexphander_28 Start: 25965, Stop: 26249, Start Num: 43

Candidate Starts for Alexphander_28:

(Start: 43 @25965 has 575 MA's), (54, 26166), (58, 26196),

Gene: Aloeri_28 Start: 26033, Stop: 26317, Start Num: 43

Candidate Starts for Aloeri_28:

(Start: 43 @26033 has 575 MA's), (54, 26234), (58, 26264),

Gene: AlpineSix_27 Start: 25662, Stop: 25946, Start Num: 43

Candidate Starts for AlpineSix_27:

(Start: 43 @25662 has 575 MA's), (54, 25863),

Gene: Alsfro_40 Start: 29435, Stop: 29731, Start Num: 43

Candidate Starts for Alsfro_40:

(Start: 43 @29435 has 575 MA's), (52, 29612),

Gene: AltPhacts_56 Start: 48170, Stop: 47880, Start Num: 42

Candidate Starts for AltPhacts_56:

(Start: 36 @48245 has 59 MA's), (Start: 42 @48170 has 198 MA's), (45, 48131), (46, 48089), (48, 48014), (49, 48008), (55, 47969),

Gene: Altman_38 Start: 29925, Stop: 30209, Start Num: 43

Candidate Starts for Altman_38:

(Start: 43 @29925 has 575 MA's), (54, 30126),

Gene: Altwerkus_55 Start: 48309, Stop: 48019, Start Num: 42

Candidate Starts for Altwerkus_55:

(Start: 36 @48384 has 59 MA's), (Start: 42 @48309 has 198 MA's), (45, 48270), (46, 48228), (48, 48153), (49, 48147), (55, 48108),

Gene: Alvin_37 Start: 29559, Stop: 29855, Start Num: 43

Candidate Starts for Alvin_37:

(Start: 43 @29559 has 575 MA's), (51, 29733), (57, 29790),

Gene: Amao_31 Start: 28487, Stop: 28771, Start Num: 43

Candidate Starts for Amao_31:

(39, 28427), (Start: 43 @28487 has 575 MA's), (46, 28571), (47, 28601), (54, 28688),

Gene: AmericanBeauty_33 Start: 29270, Stop: 29554, Start Num: 43

Candidate Starts for AmericanBeauty_33:

(Start: 43 @29270 has 575 MA's), (46, 29354), (47, 29384), (54, 29471),

Gene: Anderson_58 Start: 48956, Stop: 48591, Start Num: 36

Candidate Starts for Anderson_58:

(Start: 36 @48956 has 59 MA's), (Start: 42 @48881 has 198 MA's), (45, 48842), (46, 48800), (48, 48725), (49, 48719), (55, 48680),

Gene: Andre_59 Start: 49057, Stop: 48767, Start Num: 42

Candidate Starts for Andre_59:

(Start: 36 @49132 has 59 MA's), (Start: 42 @49057 has 198 MA's), (45, 49018), (46, 48976), (48, 48901), (49, 48895), (55, 48856),

Gene: AngelCake_58 Start: 48942, Stop: 48652, Start Num: 42

Candidate Starts for AngelCake_58:

(Start: 36 @49017 has 59 MA's), (Start: 42 @48942 has 198 MA's), (45, 48903), (46, 48861), (48, 48786), (49, 48780), (55, 48741),

Gene: Anglerfish_38 Start: 29394, Stop: 29690, Start Num: 43

Candidate Starts for Anglerfish_38:

(Start: 43 @29394 has 575 MA's), (51, 29568), (57, 29625),

Gene: Antonia_56 Start: 48496, Stop: 48131, Start Num: 36

Candidate Starts for Antonia_56:

(Start: 36 @48496 has 59 MA's), (Start: 42 @48421 has 198 MA's), (45, 48382), (46, 48340), (48, 48265), (49, 48259), (55, 48220),

Gene: Aonishiki_58 Start: 48924, Stop: 48634, Start Num: 42

Candidate Starts for Aonishiki_58:

(Start: 36 @48999 has 59 MA's), (Start: 42 @48924 has 198 MA's), (45, 48885), (46, 48843), (48, 48768), (49, 48762), (55, 48723),

Gene: Apizium_56 Start: 48015, Stop: 47725, Start Num: 42

Candidate Starts for Apizium_56:

(Start: 36 @48090 has 59 MA's), (Start: 42 @48015 has 198 MA's), (45, 47976), (46, 47934), (48, 47859), (49, 47853), (55, 47814),

Gene: ArcusAngelus_26 Start: 25425, Stop: 25721, Start Num: 43

Candidate Starts for ArcusAngelus_26:

(23, 25305), (33, 25332), (Start: 43 @25425 has 575 MA's), (52, 25602), (55, 25632), (57, 25656), (58, 25668),

Gene: Ardmore_26 Start: 25457, Stop: 25741, Start Num: 43

Candidate Starts for Ardmore_26:

(Start: 43 @25457 has 575 MA's), (54, 25658), (58, 25688),

Gene: Argent26_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for Argent26_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: Ariel_41 Start: 34489, Stop: 34785, Start Num: 43

Candidate Starts for Ariel_41:

(Start: 22 @34369 has 1 MA's), (30, 34387), (Start: 34 @34411 has 1 MA's), (Start: 43 @34489 has 575 MA's), (53, 34684),

Gene: Arlo_35 Start: 28992, Stop: 29276, Start Num: 43

Candidate Starts for Arlo_35:

(Start: 43 @28992 has 575 MA's), (54, 29193),

Gene: Ashballer_38 Start: 29862, Stop: 30146, Start Num: 43

Candidate Starts for Ashballer_38:

(Start: 43 @29862 has 575 MA's), (54, 30063),

Gene: Ashraf_58 Start: 48622, Stop: 48332, Start Num: 42

Candidate Starts for Ashraf_58:

(37, 48682), (Start: 42 @48622 has 198 MA's), (45, 48583), (46, 48541), (48, 48466), (49, 48460), (55, 48421),

Gene: Asriel_30 Start: 28144, Stop: 28428, Start Num: 43

Candidate Starts for Asriel_30:

(Start: 43 @28144 has 575 MA's), (46, 28228), (47, 28258), (54, 28345),

Gene: Atkinbua_38 Start: 29407, Stop: 29691, Start Num: 43

Candidate Starts for Atkinbua_38:

(Start: 43 @29407 has 575 MA's), (54, 29608),

Gene: Aubs_26 Start: 25573, Stop: 25857, Start Num: 43

Candidate Starts for Aubs_26:

(Start: 43 @25573 has 575 MA's), (54, 25774), (58, 25804),

Gene: Avani_29 Start: 24218, Stop: 24514, Start Num: 43

Candidate Starts for Avani_29:

(Start: 43 @24218 has 575 MA's), (46, 24302), (47, 24332), (48, 24380), (52, 24395), (55, 24425), (56, 24440), (57, 24449), (58, 24461),

Gene: Awesomesauce_27 Start: 25307, Stop: 25591, Start Num: 43

Candidate Starts for Awesomesauce_27:

(Start: 43 @25307 has 575 MA's), (54, 25508), (58, 25538),

Gene: BAKA_44 Start: 37926, Stop: 38222, Start Num: 43

Candidate Starts for BAKA_44:

(Start: 43 @37926 has 575 MA's), (53, 38121),

Gene: BPBiebs31_37 Start: 29435, Stop: 29731, Start Num: 43

Candidate Starts for BPBiebs31_37:

(Start: 43 @29435 has 575 MA's), (51, 29609), (57, 29666),

Gene: BaboJay_30 Start: 28833, Stop: 29117, Start Num: 43

Candidate Starts for BaboJay_30:

(Start: 43 @28833 has 575 MA's), (46, 28917), (47, 28947), (54, 29034),

Gene: BaconJack_39 Start: 29467, Stop: 29751, Start Num: 43

Candidate Starts for BaconJack_39:

(Start: 43 @29467 has 575 MA's), (54, 29668),

Gene: BadStone_30 Start: 29275, Stop: 29559, Start Num: 43

Candidate Starts for BadStone_30:

(Start: 43 @29275 has 575 MA's), (46, 29359), (47, 29389), (54, 29476),

Gene: Badfish_58 Start: 49167, Stop: 48877, Start Num: 42

Candidate Starts for Badfish_58:

(Start: 36 @49242 has 59 MA's), (Start: 42 @49167 has 198 MA's), (45, 49128), (46, 49086), (48, 49011), (49, 49005), (55, 48966),

Gene: Balomoji_30 Start: 29009, Stop: 29293, Start Num: 43

Candidate Starts for Balomoji_30:

(Start: 43 @29009 has 575 MA's), (46, 29093), (47, 29123), (54, 29210),

Gene: Banjo_56 Start: 48689, Stop: 48324, Start Num: 36

Candidate Starts for Banjo_56:

(Start: 36 @48689 has 59 MA's), (Start: 42 @48614 has 198 MA's), (45, 48575), (46, 48533), (48, 48458), (49, 48452), (55, 48413),

Gene: Barbarian_30 Start: 28144, Stop: 28428, Start Num: 43

Candidate Starts for Barbarian_30:

(Start: 43 @28144 has 575 MA's), (46, 28228), (47, 28258), (54, 28345),

Gene: Barriga_36 Start: 28587, Stop: 28871, Start Num: 43

Candidate Starts for Barriga_36:

(Start: 43 @28587 has 575 MA's), (54, 28788),

Gene: BarrowTuph_35 Start: 28975, Stop: 29271, Start Num: 43

Candidate Starts for BarrowTuph_35:

(Start: 43 @28975 has 575 MA's), (51, 29149), (57, 29206),

Gene: Basato_57 Start: 48889, Stop: 48599, Start Num: 42

Candidate Starts for Basato_57:

(Start: 36 @48964 has 59 MA's), (Start: 42 @48889 has 198 MA's), (45, 48850), (46, 48808), (48, 48733), (49, 48727), (55, 48688),

Gene: Bask21_31 Start: 28461, Stop: 28745, Start Num: 43

Candidate Starts for Bask21_31:

(Start: 43 @28461 has 575 MA's), (46, 28545), (47, 28575), (54, 28662),

Gene: Batiatus_26 Start: 25465, Stop: 25749, Start Num: 43

Candidate Starts for Batiatus_26:

(29, 25357), (Start: 43 @25465 has 575 MA's), (54, 25666), (58, 25696),

Gene: BatteryCK_57 Start: 48562, Stop: 48272, Start Num: 42

Candidate Starts for BatteryCK_57:

(37, 48622), (Start: 42 @48562 has 198 MA's), (45, 48523), (46, 48481), (48, 48406), (49, 48400), (55, 48361),

Gene: Beaglebox_57 Start: 48795, Stop: 48430, Start Num: 36

Candidate Starts for Beaglebox_57:

(Start: 36 @48795 has 59 MA's), (Start: 42 @48720 has 198 MA's), (45, 48681), (46, 48639), (48, 48564), (49, 48558), (55, 48519),

Gene: Beakin_27 Start: 25322, Stop: 25618, Start Num: 43

Candidate Starts for Beakin_27:

(Start: 43 @25322 has 575 MA's), (51, 25496), (57, 25553),

Gene: Beanstalk_30 Start: 25595, Stop: 25879, Start Num: 43

Candidate Starts for Beanstalk_30:

(Start: 43 @25595 has 575 MA's), (54, 25796), (58, 25826),

Gene: Beatrix_36 Start: 30382, Stop: 30678, Start Num: 43

Candidate Starts for Beatrix_36:

(Start: 43 @30382 has 575 MA's), (51, 30556), (57, 30613),

Gene: Becksu_31 Start: 29466, Stop: 29750, Start Num: 43

Candidate Starts for Becksu_31:

(Start: 43 @29466 has 575 MA's), (46, 29550), (47, 29580), (54, 29667),

Gene: BeesKnees_37 Start: 29015, Stop: 29311, Start Num: 43

Candidate Starts for BeesKnees_37:

(Start: 43 @29015 has 575 MA's), (51, 29189),

Gene: Bench_33 Start: 29143, Stop: 29427, Start Num: 43

Candidate Starts for Bench_33:

(Start: 43 @29143 has 575 MA's), (46, 29227), (47, 29257), (54, 29344),

Gene: Bethlehem_36 Start: 29724, Stop: 30020, Start Num: 43

Candidate Starts for Bethlehem_36:

(Start: 43 @29724 has 575 MA's), (51, 29898), (57, 29955),

Gene: Bexan_34 Start: 29925, Stop: 30221, Start Num: 43

Candidate Starts for Bexan_34:

(Start: 43 @29925 has 575 MA's), (50, 30096), (55, 30132),

Gene: Big3_36 Start: 29602, Stop: 29898, Start Num: 43

Candidate Starts for Big3_36:

(Start: 43 @29602 has 575 MA's), (51, 29776), (57, 29833),

Gene: BigBubba_32 Start: 29046, Stop: 29330, Start Num: 43

Candidate Starts for BigBubba_32:

(Start: 43 @29046 has 575 MA's), (46, 29130), (47, 29160), (54, 29247),

Gene: BigMau_38 Start: 29139, Stop: 29435, Start Num: 43

Candidate Starts for BigMau_38:

(Start: 43 @29139 has 575 MA's), (51, 29313), (57, 29370),

Gene: Bigchungi_36 Start: 28721, Stop: 29005, Start Num: 43

Candidate Starts for Bigchungi_36:

(Start: 43 @28721 has 575 MA's), (54, 28922),

Gene: BilboSwaggins_31 Start: 29283, Stop: 29567, Start Num: 43

Candidate Starts for BilboSwaggins_31:

(Start: 43 @29283 has 575 MA's), (46, 29367), (47, 29397), (54, 29484),

Gene: BillKnuckles_37 Start: 29831, Stop: 30115, Start Num: 43

Candidate Starts for BillKnuckles_37:

(Start: 43 @29831 has 575 MA's), (54, 30032),

Gene: Bipolar_23 Start: 24488, Stop: 24781, Start Num: 43

Candidate Starts for Bipolar_23:

(Start: 43 @24488 has 575 MA's), (54, 24698), (58, 24728),

Gene: Bircsak_36 Start: 29447, Stop: 29731, Start Num: 43

Candidate Starts for Bircsak_36:

(Start: 43 @29447 has 575 MA's), (54, 29648),

Gene: Bishoperium_57 Start: 49153, Stop: 48863, Start Num: 42

Candidate Starts for Bishoperium_57:

(Start: 36 @49228 has 59 MA's), (Start: 42 @49153 has 198 MA's), (45, 49114), (46, 49072), (48, 48997), (49, 48991), (55, 48952),

Gene: BlackStallion_58 Start: 48615, Stop: 48325, Start Num: 42

Candidate Starts for BlackStallion_58:

(Start: 36 @48690 has 59 MA's), (Start: 42 @48615 has 198 MA's), (45, 48576), (46, 48534), (48, 48459), (49, 48453), (55, 48414),

Gene: BlacksBerry_56 Start: 48312, Stop: 48022, Start Num: 43

Candidate Starts for BlacksBerry_56:

(37, 48372), (Start: 43 @48312 has 575 MA's), (45, 48273), (46, 48231), (48, 48156), (49, 48150), (55, 48111),

Gene: Blarby_34 Start: 25872, Stop: 26156, Start Num: 43

Candidate Starts for Blarby_34:

(Start: 22 @25752 has 1 MA's), (35, 25794), (Start: 43 @25872 has 575 MA's), (54, 26073),

Gene: Blesser_36 Start: 29496, Stop: 29792, Start Num: 43

Candidate Starts for Blesser_36:

(Start: 43 @29496 has 575 MA's), (52, 29673),

Gene: Blexus_26 Start: 25744, Stop: 26040, Start Num: 43

Candidate Starts for Blexus_26:

(Start: 43 @25744 has 575 MA's), (50, 25915), (51, 25918), (55, 25951),

Gene: Blue_36 Start: 29443, Stop: 29727, Start Num: 43

Candidate Starts for Blue_36:

(Start: 43 @29443 has 575 MA's), (54, 29644),

Gene: BlueCrab_26 Start: 25608, Stop: 25904, Start Num: 43

Candidate Starts for BlueCrab_26:

(Start: 43 @25608 has 575 MA's), (47, 25722), (48, 25770), (52, 25785), (53, 25803), (55, 25815), (57, 25839), (58, 25851),

Gene: BlueHusk_58 Start: 48437, Stop: 48147, Start Num: 42

Candidate Starts for BlueHusk_58:

(Start: 36 @48512 has 59 MA's), (Start: 42 @48437 has 198 MA's), (45, 48398), (46, 48356), (48, 48281), (49, 48275), (55, 48236),

Gene: Bluephacebaby_57 Start: 49156, Stop: 48866, Start Num: 42

Candidate Starts for Bluephacebaby_57:

(Start: 36 @49231 has 59 MA's), (Start: 42 @49156 has 198 MA's), (45, 49117), (46, 49075), (48, 49000), (49, 48994), (55, 48955),

Gene: Bob3_35 Start: 28484, Stop: 28780, Start Num: 43

Candidate Starts for Bob3_35:

(Start: 43 @28484 has 575 MA's), (51, 28658),

Gene: BobaPhett_26 Start: 25596, Stop: 25892, Start Num: 43

Candidate Starts for BobaPhett_26:

(Start: 43 @25596 has 575 MA's), (47, 25710), (50, 25767), (51, 25770), (55, 25803),

Gene: Bobi_28 Start: 26180, Stop: 26464, Start Num: 43

Candidate Starts for Bobi_28:

(Start: 43 @26180 has 575 MA's), (54, 26381), (58, 26411),

Gene: BodEinwohner17_26 Start: 25763, Stop: 26047, Start Num: 43

Candidate Starts for BodEinwohner17_26:

(Start: 43 @25763 has 575 MA's), (54, 25964), (58, 25994),

Gene: Boehler_56 Start: 48598, Stop: 48308, Start Num: 43

Candidate Starts for Boehler_56:

(Start: 43 @48598 has 575 MA's), (45, 48559), (46, 48517), (48, 48442), (49, 48436), (55, 48397),

Gene: Bogg_31 Start: 28183, Stop: 28467, Start Num: 43

Candidate Starts for Bogg_31:

(Start: 43 @28183 has 575 MA's), (46, 28267), (47, 28297), (54, 28384),

Gene: Bones_36 Start: 28840, Stop: 29136, Start Num: 43

Candidate Starts for Bones_36:

(Start: 43 @28840 has 575 MA's), (51, 29014),

Gene: BoogieWoogie_58 Start: 48631, Stop: 48341, Start Num: 42

Candidate Starts for BoogieWoogie_58:

(Start: 36 @48706 has 59 MA's), (Start: 42 @48631 has 198 MA's), (45, 48592), (46, 48550), (48, 48475), (49, 48469), (55, 48430),

Gene: Boomer_27 Start: 25224, Stop: 25520, Start Num: 43

Candidate Starts for Boomer_27:

(Start: 43 @25224 has 575 MA's), (47, 25338), (50, 25395), (51, 25398), (55, 25431),

Gene: Brewer_31 Start: 29531, Stop: 29815, Start Num: 43
Candidate Starts for Brewer_31:
(Start: 43 @29531 has 575 MA's), (46, 29615), (47, 29645), (54, 29732),

Gene: Brilliant_59 Start: 49156, Stop: 48866, Start Num: 43
Candidate Starts for Brilliant_59:
(37, 49216), (Start: 43 @49156 has 575 MA's), (45, 49117), (46, 49075), (48, 49000), (49, 48994), (55, 48955),

Gene: Briton15_38 Start: 29242, Stop: 29526, Start Num: 43
Candidate Starts for Briton15_38:
(Start: 43 @29242 has 575 MA's), (54, 29443),

Gene: BronnyJames_35 Start: 33019, Stop: 33315, Start Num: 43
Candidate Starts for BronnyJames_35:
(25, 32905), (26, 32908), (Start: 34 @32941 has 1 MA's), (Start: 43 @33019 has 575 MA's), (53, 33214),

Gene: Brookers_24 Start: 24399, Stop: 24683, Start Num: 43
Candidate Starts for Brookers_24:
(Start: 43 @24399 has 575 MA's), (54, 24600), (58, 24630),

Gene: Bruin_31 Start: 29303, Stop: 29587, Start Num: 43
Candidate Starts for Bruin_31:
(Start: 43 @29303 has 575 MA's), (46, 29387), (47, 29417), (54, 29504),

Gene: Bruns_35 Start: 28922, Stop: 29206, Start Num: 43
Candidate Starts for Bruns_35:
(Start: 43 @28922 has 575 MA's), (54, 29123),

Gene: Brushbloom_27 Start: 25474, Stop: 25758, Start Num: 43
Candidate Starts for Brushbloom_27:
(Start: 43 @25474 has 575 MA's), (54, 25675), (58, 25705),

Gene: Bubbles123_27 Start: 26145, Stop: 26429, Start Num: 43
Candidate Starts for Bubbles123_27:
(23, 26022), (31, 26040), (35, 26064), (Start: 43 @26145 has 575 MA's), (54, 26346), (58, 26376),

Gene: Buck_30 Start: 29239, Stop: 29523, Start Num: 43
Candidate Starts for Buck_30:
(Start: 43 @29239 has 575 MA's), (46, 29323), (47, 29353), (54, 29440),

Gene: Buckeye_56 Start: 48667, Stop: 48377, Start Num: 42
Candidate Starts for Buckeye_56:
(Start: 36 @48742 has 59 MA's), (Start: 42 @48667 has 198 MA's), (45, 48628), (46, 48586), (48, 48511), (49, 48505), (55, 48466),

Gene: Budgie_33 Start: 28667, Stop: 28951, Start Num: 43
Candidate Starts for Budgie_33:
(40, 28616), (41, 28625), (Start: 43 @28667 has 575 MA's), (46, 28751), (54, 28868), (60, 28928),

Gene: BugsBunny_29 Start: 28872, Stop: 29156, Start Num: 43

Candidate Starts for BugsBunny_29:

(Start: 43 @28872 has 575 MA's), (46, 28956), (47, 28986), (54, 29073),

Gene: Burr_57 Start: 48706, Stop: 48341, Start Num: 36

Candidate Starts for Burr_57:

(Start: 36 @48706 has 59 MA's), (Start: 42 @48631 has 198 MA's), (45, 48592), (46, 48550), (48, 48475), (49, 48469), (55, 48430),

Gene: Burton_37 Start: 29092, Stop: 29388, Start Num: 43

Candidate Starts for Burton_37:

(Start: 43 @29092 has 575 MA's), (51, 29266), (57, 29323),

Gene: Burwell21_26 Start: 25630, Stop: 25914, Start Num: 43

Candidate Starts for Burwell21_26:

(Start: 43 @25630 has 575 MA's), (54, 25831), (58, 25861),

Gene: BuzzLyseyear_28 Start: 25976, Stop: 26260, Start Num: 43

Candidate Starts for BuzzLyseyear_28:

(Start: 43 @25976 has 575 MA's), (54, 26177), (58, 26207),

Gene: Bxb1_34 Start: 29055, Stop: 29339, Start Num: 43

Candidate Starts for Bxb1_34:

(Start: 43 @29055 has 575 MA's), (54, 29256),

Gene: ByChance_26 Start: 25607, Stop: 25891, Start Num: 43

Candidate Starts for ByChance_26:

(Start: 43 @25607 has 575 MA's), (54, 25808), (58, 25838),

Gene: Byougenkin_26 Start: 25459, Stop: 25743, Start Num: 43

Candidate Starts for Byougenkin_26:

(Start: 43 @25459 has 575 MA's), (54, 25660), (58, 25690),

Gene: Cabrinians_26 Start: 25624, Stop: 25920, Start Num: 43

Candidate Starts for Cabrinians_26:

(Start: 43 @25624 has 575 MA's), (47, 25738), (50, 25795), (51, 25798), (55, 25831),

Gene: Cactus_32 Start: 28494, Stop: 28778, Start Num: 43

Candidate Starts for Cactus_32:

(Start: 43 @28494 has 575 MA's), (46, 28578), (47, 28608), (54, 28695),

Gene: CamL_57 Start: 48921, Stop: 48631, Start Num: 42

Candidate Starts for CamL_57:

(Start: 36 @48996 has 59 MA's), (Start: 42 @48921 has 198 MA's), (45, 48882), (46, 48840), (48, 48765), (49, 48759), (55, 48720),

Gene: CampRoach_59 Start: 49061, Stop: 48771, Start Num: 42

Candidate Starts for CampRoach_59:

(Start: 36 @49136 has 59 MA's), (Start: 42 @49061 has 198 MA's), (45, 49022), (46, 48980), (48, 48905), (49, 48899), (55, 48860),

Gene: Cannibal_57 Start: 48904, Stop: 48614, Start Num: 42

Candidate Starts for Cannibal_57:

(Start: 36 @48979 has 59 MA's), (Start: 42 @48904 has 198 MA's), (45, 48865), (46, 48823), (48, 48748), (49, 48742), (55, 48703),

Gene: CaptainTrips_27 Start: 25838, Stop: 26122, Start Num: 43

Candidate Starts for CaptainTrips_27:

(Start: 43 @25838 has 575 MA's), (54, 26039), (58, 26069),

Gene: Carthage_55 Start: 47899, Stop: 47609, Start Num: 42

Candidate Starts for Carthage_55:

(Start: 36 @47974 has 59 MA's), (Start: 42 @47899 has 198 MA's), (45, 47860), (46, 47818), (48, 47743), (49, 47737), (55, 47698),

Gene: CartmannCramer_36 Start: 31143, Stop: 31427, Start Num: 43

Candidate Starts for CartmannCramer_36:

(Start: 43 @31143 has 575 MA's), (54, 31344),

Gene: Caspiboi_57 Start: 48635, Stop: 48345, Start Num: 42

Candidate Starts for Caspiboi_57:

(37, 48695), (Start: 42 @48635 has 198 MA's), (45, 48596), (46, 48554), (48, 48479), (49, 48473), (55, 48434),

Gene: CatBus_38 Start: 30464, Stop: 30760, Start Num: 43

Candidate Starts for CatBus_38:

(Start: 43 @30464 has 575 MA's), (51, 30638), (57, 30695),

Gene: Chaelin_58 Start: 49151, Stop: 48861, Start Num: 42

Candidate Starts for Chaelin_58:

(Start: 36 @49226 has 59 MA's), (Start: 42 @49151 has 198 MA's), (45, 49112), (46, 49070), (48, 48995), (49, 48989), (55, 48950),

Gene: Chah_59 Start: 48608, Stop: 48318, Start Num: 42

Candidate Starts for Chah_59:

(Start: 36 @48683 has 59 MA's), (Start: 42 @48608 has 198 MA's), (45, 48569), (46, 48527), (48, 48452), (49, 48446), (55, 48407),

Gene: Chanagan_35 Start: 28535, Stop: 28831, Start Num: 43

Candidate Starts for Chanagan_35:

(Start: 43 @28535 has 575 MA's), (51, 28709), (57, 28766),

Gene: Charles1_58 Start: 48917, Stop: 48627, Start Num: 43

Candidate Starts for Charles1_58:

(37, 48977), (Start: 43 @48917 has 575 MA's), (45, 48878), (46, 48836), (48, 48761), (49, 48755), (55, 48716),

Gene: CharlieGBrown_57 Start: 48507, Stop: 48217, Start Num: 42

Candidate Starts for CharlieGBrown_57:

(Start: 42 @48507 has 198 MA's), (45, 48468), (46, 48426), (48, 48351), (49, 48345), (55, 48306),

Gene: Che8_27 Start: 25602, Stop: 25898, Start Num: 43

Candidate Starts for Che8_27:

(1, 25011), (2, 25047), (3, 25083), (4, 25089), (6, 25140), (7, 25155), (8, 25158), (9, 25161), (10, 25167), (11, 25215), (12, 25284), (13, 25329), (15, 25344), (Start: 22 @25479 has 1 MA's), (Start: 43 @25602 has 575 MA's), (52, 25779), (57, 25833),

Gene: Che9d_29 Start: 24226, Stop: 24522, Start Num: 43

Candidate Starts for Che9d_29:

(Start: 43 @24226 has 575 MA's), (46, 24310), (47, 24340), (48, 24388), (52, 24403), (55, 24433), (56, 24448), (57, 24457), (58, 24469),

Gene: Cheesepuff_28 Start: 26439, Stop: 26735, Start Num: 43

Candidate Starts for Cheesepuff_28:

(Start: 43 @26439 has 575 MA's), (47, 26553), (50, 26610), (51, 26613), (55, 26646),

Gene: CheetO_56 Start: 48637, Stop: 48347, Start Num: 42

Candidate Starts for CheetO_56:

(Start: 36 @48712 has 59 MA's), (Start: 42 @48637 has 198 MA's), (45, 48598), (46, 48556), (48, 48481), (49, 48475), (55, 48436),

Gene: Cher_57 Start: 49248, Stop: 48883, Start Num: 36

Candidate Starts for Cher_57:

(Start: 36 @49248 has 59 MA's), (Start: 42 @49173 has 198 MA's), (45, 49134), (46, 49092), (48, 49017), (49, 49011), (55, 48972),

Gene: Chevrolet_26 Start: 25426, Stop: 25722, Start Num: 43

Candidate Starts for Chevrolet_26:

(23, 25306), (33, 25333), (Start: 43 @25426 has 575 MA's), (52, 25603), (55, 25633), (57, 25657), (58, 25669),

Gene: ChickenDinner_28 Start: 26033, Stop: 26317, Start Num: 43

Candidate Starts for ChickenDinner_28:

(Start: 43 @26033 has 575 MA's), (54, 26234), (58, 26264),

Gene: Childish_57 Start: 49183, Stop: 48893, Start Num: 42

Candidate Starts for Childish_57:

(Start: 36 @49258 has 59 MA's), (Start: 42 @49183 has 198 MA's), (45, 49144), (46, 49102), (48, 49027), (49, 49021), (55, 48982),

Gene: Chipette_58 Start: 48868, Stop: 48578, Start Num: 42

Candidate Starts for Chipette_58:

(Start: 36 @48943 has 59 MA's), (Start: 42 @48868 has 198 MA's), (45, 48829), (46, 48787), (48, 48712), (49, 48706), (55, 48667),

Gene: Chorkpop_57 Start: 48660, Stop: 48370, Start Num: 42

Candidate Starts for Chorkpop_57:

(Start: 36 @48735 has 59 MA's), (Start: 42 @48660 has 198 MA's), (45, 48621), (46, 48579), (48, 48504), (49, 48498), (55, 48459),

Gene: ChosenOne_31 Start: 28491, Stop: 28775, Start Num: 43

Candidate Starts for ChosenOne_31:

(Start: 43 @28491 has 575 MA's), (46, 28575), (47, 28605), (54, 28692),

Gene: ChotaBhai_31 Start: 28529, Stop: 28813, Start Num: 43

Candidate Starts for ChotaBhai_31:

(Start: 43 @28529 has 575 MA's), (46, 28613), (47, 28643), (54, 28730),

Gene: Chuckly_26 Start: 25606, Stop: 25890, Start Num: 43

Candidate Starts for Chuckly_26:
(Start: 43 @25606 has 575 MA's), (54, 25807),

Gene: Chuni_58 Start: 49178, Stop: 48888, Start Num: 42
Candidate Starts for Chuni_58:
(Start: 36 @49253 has 59 MA's), (Start: 42 @49178 has 198 MA's), (45, 49139), (46, 49097), (48, 49022), (49, 49016), (55, 48977),

Gene: Chunky_55 Start: 47967, Stop: 47677, Start Num: 42
Candidate Starts for Chunky_55:
(Start: 36 @48042 has 59 MA's), (Start: 42 @47967 has 198 MA's), (45, 47928), (46, 47886), (48, 47811), (49, 47805), (55, 47766),

Gene: Chute_57 Start: 48978, Stop: 48688, Start Num: 43
Candidate Starts for Chute_57:
(37, 49038), (Start: 43 @48978 has 575 MA's), (45, 48939), (46, 48897), (48, 48822), (49, 48816), (55, 48777),

Gene: Ciao_36 Start: 28900, Stop: 29196, Start Num: 43
Candidate Starts for Ciao_36:
(Start: 43 @28900 has 575 MA's), (51, 29074),

Gene: Cjw1_31 Start: 30043, Stop: 30327, Start Num: 43
Candidate Starts for Cjw1_31:
(Start: 43 @30043 has 575 MA's), (46, 30127), (47, 30157), (54, 30244),

Gene: Cobra_58 Start: 49027, Stop: 48662, Start Num: 36
Candidate Starts for Cobra_58:
(Start: 36 @49027 has 59 MA's), (Start: 42 @48952 has 198 MA's), (45, 48913), (46, 48871), (48, 48796), (49, 48790), (55, 48751),

Gene: Coco12_25 Start: 24940, Stop: 25224, Start Num: 43
Candidate Starts for Coco12_25:
(Start: 43 @24940 has 575 MA's), (54, 25141), (58, 25171),

Gene: Colbert_55 Start: 48019, Stop: 47729, Start Num: 42
Candidate Starts for Colbert_55:
(Start: 36 @48094 has 59 MA's), (Start: 42 @48019 has 198 MA's), (45, 47980), (46, 47938), (48, 47863), (49, 47857), (55, 47818),

Gene: Coletti_58 Start: 48978, Stop: 48688, Start Num: 43
Candidate Starts for Coletti_58:
(37, 49038), (Start: 43 @48978 has 575 MA's), (45, 48939), (46, 48897), (48, 48822), (49, 48816), (55, 48777),

Gene: Command613_32 Start: 29550, Stop: 29834, Start Num: 43
Candidate Starts for Command613_32:
(Start: 43 @29550 has 575 MA's), (46, 29634), (47, 29664), (54, 29751),

Gene: ConceptII_38 Start: 30059, Stop: 30343, Start Num: 43
Candidate Starts for ConceptII_38:
(Start: 43 @30059 has 575 MA's), (54, 30260),

Gene: Contagion_30 Start: 28787, Stop: 29071, Start Num: 43
Candidate Starts for Contagion_30:
(Start: 43 @28787 has 575 MA's), (46, 28871), (47, 28901), (54, 28988),

Gene: Cookies_31 Start: 29152, Stop: 29436, Start Num: 43
Candidate Starts for Cookies_31:
(Start: 43 @29152 has 575 MA's), (46, 29236), (47, 29266), (54, 29353),

Gene: Corium_26 Start: 25630, Stop: 25914, Start Num: 43
Candidate Starts for Corium_26:
(Start: 43 @25630 has 575 MA's), (54, 25831),

Gene: Cornbread_57 Start: 48643, Stop: 48353, Start Num: 42
Candidate Starts for Cornbread_57:
(Start: 36 @48718 has 59 MA's), (Start: 42 @48643 has 198 MA's), (45, 48604), (46, 48562), (48, 48487), (49, 48481), (55, 48442),

Gene: Cornie_26 Start: 25838, Stop: 26134, Start Num: 43
Candidate Starts for Cornie_26:
(Start: 43 @25838 has 575 MA's), (50, 26009), (51, 26012), (55, 26045),

Gene: Cornobble_56 Start: 48574, Stop: 48284, Start Num: 42
Candidate Starts for Cornobble_56:
(Start: 36 @48649 has 59 MA's), (Start: 42 @48574 has 198 MA's), (45, 48535), (46, 48493), (48, 48418), (49, 48412), (55, 48373),

Gene: Cornucopia_27 Start: 25493, Stop: 25777, Start Num: 43
Candidate Starts for Cornucopia_27:
(Start: 43 @25493 has 575 MA's), (54, 25694), (58, 25724),

Gene: Corvo_37 Start: 29899, Stop: 30195, Start Num: 43
Candidate Starts for Corvo_37:
(Start: 43 @29899 has 575 MA's), (52, 30076),

Gene: Cosmolli16_58 Start: 49363, Stop: 49073, Start Num: 42
Candidate Starts for Cosmolli16_58:
(Start: 36 @49438 has 59 MA's), (Start: 42 @49363 has 198 MA's), (45, 49324), (46, 49282), (48, 49207), (49, 49201), (55, 49162),

Gene: Courthouse_41 Start: 34893, Stop: 35189, Start Num: 43
Candidate Starts for Courthouse_41:
(Start: 22 @34773 has 1 MA's), (30, 34791), (Start: 34 @34815 has 1 MA's), (Start: 43 @34893 has 575 MA's), (53, 35088),

Gene: Craff_60 Start: 49683, Stop: 49318, Start Num: 36
Candidate Starts for Craff_60:
(Start: 36 @49683 has 59 MA's), (Start: 42 @49608 has 198 MA's), (45, 49569), (46, 49527), (48, 49452), (49, 49446), (55, 49407),

Gene: Crispicous1_35 Start: 28498, Stop: 28794, Start Num: 43
Candidate Starts for Crispicous1_35:
(Start: 43 @28498 has 575 MA's), (51, 28672), (57, 28729),

Gene: Crownjwl_57 Start: 48640, Stop: 48350, Start Num: 42

Candidate Starts for Crownjwl_57:

(Start: 36 @48715 has 59 MA's), (Start: 42 @48640 has 198 MA's), (45, 48601), (46, 48559), (48, 48484), (49, 48478), (55, 48439),

Gene: CrystalP_31 Start: 29283, Stop: 29567, Start Num: 43

Candidate Starts for CrystalP_31:

(Start: 43 @29283 has 575 MA's), (46, 29367), (47, 29397), (54, 29484),

Gene: Cueylyss_36 Start: 29073, Stop: 29369, Start Num: 43

Candidate Starts for Cueylyss_36:

(Start: 43 @29073 has 575 MA's), (51, 29247),

Gene: Czyszczo1_32 Start: 29028, Stop: 29312, Start Num: 43

Candidate Starts for Czyszczo1_32:

(Start: 43 @29028 has 575 MA's), (46, 29112), (47, 29142), (54, 29229),

Gene: DD5_37 Start: 29832, Stop: 30116, Start Num: 43

Candidate Starts for DD5_37:

(Start: 43 @29832 has 575 MA's), (54, 30033),

Gene: DLane_26 Start: 25430, Stop: 25726, Start Num: 43

Candidate Starts for DLane_26:

(Start: 43 @25430 has 575 MA's), (51, 25604), (57, 25661),

Gene: DRBy19_26 Start: 25466, Stop: 25762, Start Num: 43

Candidate Starts for DRBy19_26:

(Start: 43 @25466 has 575 MA's), (47, 25580), (50, 25637), (51, 25640), (55, 25673),

Gene: DaWorst_28 Start: 25972, Stop: 26256, Start Num: 43

Candidate Starts for DaWorst_28:

(Start: 43 @25972 has 575 MA's), (54, 26173), (58, 26203),

Gene: DaddyDaniels_59 Start: 49140, Stop: 48850, Start Num: 42

Candidate Starts for DaddyDaniels_59:

(37, 49200), (Start: 42 @49140 has 198 MA's), (45, 49101), (46, 49059), (48, 48984), (49, 48978), (55, 48939),

Gene: DaddyRickover_26 Start: 25612, Stop: 25896, Start Num: 43

Candidate Starts for DaddyRickover_26:

(Start: 43 @25612 has 575 MA's), (54, 25813), (58, 25843),

Gene: Daenerys_26 Start: 25440, Stop: 25736, Start Num: 43

Candidate Starts for Daenerys_26:

(Start: 43 @25440 has 575 MA's), (47, 25554), (48, 25602), (52, 25617), (53, 25635), (55, 25647), (57, 25671), (58, 25683),

Gene: Daffy_57 Start: 48721, Stop: 48356, Start Num: 36

Candidate Starts for Daffy_57:

(Start: 36 @48721 has 59 MA's), (Start: 42 @48646 has 198 MA's), (45, 48607), (46, 48565), (48, 48490), (49, 48484), (55, 48445),

Gene: Daikon_30 Start: 29021, Stop: 29305, Start Num: 43

Candidate Starts for Daikon_30:

(Start: 43 @29021 has 575 MA's), (46, 29105), (47, 29135), (54, 29222),

Gene: Daka_59 Start: 48920, Stop: 48630, Start Num: 42

Candidate Starts for Daka_59:

(Start: 36 @48995 has 59 MA's), (Start: 42 @48920 has 198 MA's), (45, 48881), (46, 48839), (48, 48764), (49, 48758), (55, 48719),

Gene: Dante_26 Start: 25486, Stop: 25782, Start Num: 43

Candidate Starts for Dante_26:

(23, 25366), (31, 25384), (35, 25408), (Start: 43 @25486 has 575 MA's), (47, 25600), (50, 25657), (51, 25660), (55, 25693),

Gene: Dati_57 Start: 49178, Stop: 48888, Start Num: 42

Candidate Starts for Dati_57:

(Start: 36 @49253 has 59 MA's), (Start: 42 @49178 has 198 MA's), (45, 49139), (46, 49097), (48, 49022), (49, 49016), (55, 48977),

Gene: DeadP_26 Start: 25624, Stop: 25908, Start Num: 43

Candidate Starts for DeadP_26:

(Start: 43 @25624 has 575 MA's), (54, 25825), (58, 25855),

Gene: Deb65_26 Start: 25439, Stop: 25723, Start Num: 43

Candidate Starts for Deb65_26:

(Start: 43 @25439 has 575 MA's), (54, 25640), (58, 25670),

Gene: DelRivs_56 Start: 48623, Stop: 48333, Start Num: 43

Candidate Starts for DelRivs_56:

(37, 48683), (Start: 43 @48623 has 575 MA's), (45, 48584), (46, 48542), (48, 48467), (49, 48461), (55, 48422),

Gene: Demsculpinboyz_29 Start: 24212, Stop: 24508, Start Num: 43

Candidate Starts for Demsculpinboyz_29:

(Start: 43 @24212 has 575 MA's), (46, 24296), (47, 24326), (48, 24374), (52, 24389), (55, 24419), (57, 24443), (58, 24455),

Gene: Derpp_56 Start: 48496, Stop: 48206, Start Num: 42

Candidate Starts for Derpp_56:

(37, 48556), (Start: 42 @48496 has 198 MA's), (45, 48457), (46, 48415), (48, 48340), (49, 48334), (55, 48295),

Gene: Dice_56 Start: 48587, Stop: 48297, Start Num: 42

Candidate Starts for Dice_56:

(Start: 36 @48662 has 59 MA's), (Start: 42 @48587 has 198 MA's), (45, 48548), (46, 48506), (48, 48431), (49, 48425), (55, 48386),

Gene: DillTech15_26 Start: 25459, Stop: 25743, Start Num: 43

Candidate Starts for DillTech15_26:

(Start: 43 @25459 has 575 MA's), (54, 25660), (58, 25690),

Gene: Dingo_55 Start: 47946, Stop: 47656, Start Num: 42

Candidate Starts for Dingo_55:

(Start: 36 @48021 has 59 MA's), (Start: 42 @47946 has 198 MA's), (45, 47907), (46, 47865), (48, 47790), (49, 47784), (55, 47745),

Gene: Dione_55 Start: 48318, Stop: 48028, Start Num: 42

Candidate Starts for Dione_55:

(Start: 36 @48393 has 59 MA's), (Start: 42 @48318 has 198 MA's), (45, 48279), (46, 48237), (48, 48162), (49, 48156), (55, 48117),

Gene: DirtJuice_58 Start: 48909, Stop: 48619, Start Num: 42

Candidate Starts for DirtJuice_58:

(Start: 36 @48984 has 59 MA's), (Start: 42 @48909 has 198 MA's), (45, 48870), (46, 48828), (48, 48753), (49, 48747), (55, 48708),

Gene: DirtMcgirt_27 Start: 25263, Stop: 25559, Start Num: 43

Candidate Starts for DirtMcgirt_27:

(Start: 43 @25263 has 575 MA's), (47, 25377), (50, 25434), (51, 25437), (55, 25470),

Gene: DmpstrDiver_42 Start: 37541, Stop: 37837, Start Num: 43

Candidate Starts for DmpstrDiver_42:

(Start: 22 @37421 has 1 MA's), (30, 37439), (Start: 34 @37463 has 1 MA's), (Start: 43 @37541 has 575 MA's), (53, 37736),

Gene: DoRead_26 Start: 25437, Stop: 25721, Start Num: 43

Candidate Starts for DoRead_26:

(Start: 43 @25437 has 575 MA's), (54, 25638), (58, 25668),

Gene: DocMcStuffins_28 Start: 26033, Stop: 26317, Start Num: 43

Candidate Starts for DocMcStuffins_28:

(Start: 43 @26033 has 575 MA's), (54, 26234), (58, 26264),

Gene: DoctorDiddles_31 Start: 28445, Stop: 28729, Start Num: 43

Candidate Starts for DoctorDiddles_31:

(Start: 43 @28445 has 575 MA's), (46, 28529), (47, 28559), (54, 28646),

Gene: Doddsville_57 Start: 48652, Stop: 48362, Start Num: 42

Candidate Starts for Doddsville_57:

(37, 48712), (Start: 42 @48652 has 198 MA's), (45, 48613), (46, 48571), (48, 48496), (49, 48490), (55, 48451),

Gene: DoesntMatter_55 Start: 48611, Stop: 48321, Start Num: 42

Candidate Starts for DoesntMatter_55:

(Start: 36 @48686 has 59 MA's), (Start: 42 @48611 has 198 MA's), (45, 48572), (46, 48530), (48, 48455), (49, 48449), (55, 48410),

Gene: DolOn_61 Start: 49866, Stop: 49576, Start Num: 42

Candidate Starts for DolOn_61:

(Start: 36 @49941 has 59 MA's), (Start: 42 @49866 has 198 MA's), (45, 49827), (46, 49785), (48, 49710), (49, 49704), (55, 49665),

Gene: DonSanchon_55 Start: 48418, Stop: 48053, Start Num: 36

Candidate Starts for DonSanchon_55:

(Start: 36 @48418 has 59 MA's), (Start: 42 @48343 has 198 MA's), (45, 48304), (46, 48262), (48, 48187), (49, 48181), (55, 48142),

Gene: Donkeykong_26 Start: 25610, Stop: 25906, Start Num: 43
Candidate Starts for Donkeykong_26:
(28, 25499), (35, 25532), (Start: 43 @25610 has 575 MA's), (50, 25781), (51, 25784), (55, 25817),

Gene: Doomphist_26 Start: 25549, Stop: 25845, Start Num: 43
Candidate Starts for Doomphist_26:
(Start: 43 @25549 has 575 MA's), (47, 25663), (50, 25720), (51, 25723), (55, 25756),

Gene: Dorothy_26 Start: 25397, Stop: 25681, Start Num: 43
Candidate Starts for Dorothy_26:
(Start: 43 @25397 has 575 MA's), (54, 25598), (58, 25628),

Gene: DosHalletts_27 Start: 25554, Stop: 25838, Start Num: 43
Candidate Starts for DosHalletts_27:
(Start: 43 @25554 has 575 MA's), (54, 25755), (58, 25785),

Gene: DotProduct_26 Start: 25416, Stop: 25712, Start Num: 43
Candidate Starts for DotProduct_26:
(Start: 43 @25416 has 575 MA's), (47, 25530), (50, 25587), (51, 25590), (55, 25623),

Gene: Doug_27 Start: 25989, Stop: 26273, Start Num: 43
Candidate Starts for Doug_27:
(Start: 43 @25989 has 575 MA's), (54, 26190), (58, 26220),

Gene: DrDrey_32 Start: 29775, Stop: 30059, Start Num: 43
Candidate Starts for DrDrey_32:
(Start: 43 @29775 has 575 MA's), (46, 29859), (47, 29889), (54, 29976),

Gene: DrFeelGood_35 Start: 29361, Stop: 29657, Start Num: 43
Candidate Starts for DrFeelGood_35:
(Start: 43 @29361 has 575 MA's), (51, 29535), (57, 29592),

Gene: Drago_27 Start: 25264, Stop: 25548, Start Num: 43
Candidate Starts for Drago_27:
(Start: 43 @25264 has 575 MA's), (54, 25465), (58, 25495),

Gene: DreamCatcher_39 Start: 30316, Stop: 30612, Start Num: 43
Candidate Starts for DreamCatcher_39:
(Start: 43 @30316 has 575 MA's), (51, 30490),

Gene: Dreamboat_37 Start: 28905, Stop: 29201, Start Num: 43
Candidate Starts for Dreamboat_37:
(Start: 43 @28905 has 575 MA's), (51, 29079), (57, 29136),

Gene: DuchessDung_58 Start: 48170, Stop: 47880, Start Num: 42
Candidate Starts for DuchessDung_58:
(Start: 36 @48245 has 59 MA's), (Start: 42 @48170 has 198 MA's), (45, 48131), (46, 48089), (48, 48014), (49, 48008), (55, 47969),

Gene: Duggie_57 Start: 48649, Stop: 48359, Start Num: 42
Candidate Starts for Duggie_57:

(37, 48709), (Start: 42 @48649 has 198 MA's), (45, 48610), (46, 48568), (48, 48493), (49, 48487), (55, 48448),

Gene: Duke13_44 Start: 37817, Stop: 38113, Start Num: 43

Candidate Starts for Duke13_44:

(Start: 43 @37817 has 575 MA's), (52, 37994), (57, 38048),

Gene: Dulcie_35 Start: 28612, Stop: 28896, Start Num: 43

Candidate Starts for Dulcie_35:

(Start: 43 @28612 has 575 MA's), (54, 28813),

Gene: Dumbo_31 Start: 28750, Stop: 29034, Start Num: 43

Candidate Starts for Dumbo_31:

(Start: 43 @28750 has 575 MA's), (46, 28834), (47, 28864), (54, 28951),

Gene: Durga_59 Start: 49088, Stop: 48798, Start Num: 42

Candidate Starts for Durga_59:

(37, 49148), (Start: 42 @49088 has 198 MA's), (45, 49049), (46, 49007), (48, 48932), (49, 48926), (55, 48887),

Gene: Dusk_30 Start: 28935, Stop: 29219, Start Num: 43

Candidate Starts for Dusk_30:

(Start: 43 @28935 has 575 MA's), (46, 29019), (47, 29049), (54, 29136),

Gene: Dussy_37 Start: 29167, Stop: 29463, Start Num: 43

Candidate Starts for Dussy_37:

(Start: 43 @29167 has 575 MA's), (51, 29341),

Gene: Dynamix_37 Start: 29000, Stop: 29296, Start Num: 43

Candidate Starts for Dynamix_37:

(Start: 43 @29000 has 575 MA's), (51, 29174),

Gene: Easy2Say_33 Start: 30533, Stop: 30817, Start Num: 43

Candidate Starts for Easy2Say_33:

(Start: 43 @30533 has 575 MA's), (46, 30617), (47, 30647), (54, 30734),

Gene: Edtherson_37 Start: 29850, Stop: 30134, Start Num: 43

Candidate Starts for Edtherson_37:

(Start: 43 @29850 has 575 MA's), (54, 30051),

Gene: Eish_26 Start: 25577, Stop: 25861, Start Num: 43

Candidate Starts for Eish_26:

(Start: 43 @25577 has 575 MA's), (54, 25778), (58, 25808),

Gene: EleanorGeorge_26 Start: 25732, Stop: 26016, Start Num: 43

Candidate Starts for EleanorGeorge_26:

(Start: 43 @25732 has 575 MA's), (54, 25933), (58, 25963),

Gene: Elite2014_30 Start: 28490, Stop: 28774, Start Num: 43

Candidate Starts for Elite2014_30:

(Start: 43 @28490 has 575 MA's), (46, 28574), (47, 28604), (54, 28691),

Gene: Elph10_32 Start: 28753, Stop: 29037, Start Num: 43

Candidate Starts for Elph10_32:

(Start: 43 @28753 has 575 MA's), (46, 28837), (47, 28867), (54, 28954),

Gene: ElvisPhasley_58 Start: 49189, Stop: 48899, Start Num: 42

Candidate Starts for ElvisPhasley_58:

(Start: 36 @49264 has 59 MA's), (Start: 42 @49189 has 198 MA's), (45, 49150), (46, 49108), (48, 49033), (49, 49027), (55, 48988),

Gene: EmiMonkey_26 Start: 25511, Stop: 25807, Start Num: 43

Candidate Starts for EmiMonkey_26:

(Start: 43 @25511 has 575 MA's), (47, 25625), (50, 25682), (51, 25685), (55, 25718),

Gene: Emiris_59 Start: 49056, Stop: 48766, Start Num: 42

Candidate Starts for Emiris_59:

(37, 49116), (Start: 42 @49056 has 198 MA's), (45, 49017), (46, 48975), (48, 48900), (49, 48894), (55, 48855),

Gene: Emma_26 Start: 25654, Stop: 25938, Start Num: 43

Candidate Starts for Emma_26:

(Start: 43 @25654 has 575 MA's), (54, 25855), (58, 25885),

Gene: Emmaloid_27 Start: 25358, Stop: 25654, Start Num: 43

Candidate Starts for Emmaloid_27:

(Start: 43 @25358 has 575 MA's), (47, 25472), (50, 25529), (51, 25532), (55, 25565),

Gene: Emmina_32 Start: 29111, Stop: 29395, Start Num: 43

Candidate Starts for Emmina_32:

(Start: 43 @29111 has 575 MA's), (46, 29195), (47, 29225), (54, 29312),

Gene: EmpTee_56 Start: 48624, Stop: 48334, Start Num: 43

Candidate Starts for EmpTee_56:

(Start: 43 @48624 has 575 MA's), (45, 48585), (46, 48543), (48, 48468), (49, 48462), (55, 48423),

Gene: Empress_27 Start: 26782, Stop: 27078, Start Num: 43

Candidate Starts for Empress_27:

(Start: 43 @26782 has 575 MA's), (47, 26896), (50, 26953), (51, 26956), (55, 26989),

Gene: Enby_27 Start: 25262, Stop: 25546, Start Num: 43

Candidate Starts for Enby_27:

(Start: 43 @25262 has 575 MA's), (54, 25463), (58, 25493),

Gene: Eradicator_26 Start: 25485, Stop: 25769, Start Num: 43

Candidate Starts for Eradicator_26:

(Start: 43 @25485 has 575 MA's), (54, 25686), (58, 25716),

Gene: Eremos_56 Start: 48617, Stop: 48327, Start Num: 42

Candidate Starts for Eremos_56:

(Start: 36 @48692 has 59 MA's), (Start: 42 @48617 has 198 MA's), (45, 48578), (46, 48536), (48, 48461), (49, 48455), (55, 48416),

Gene: Espresso_36 Start: 29202, Stop: 29486, Start Num: 43

Candidate Starts for Espresso_36:

(Start: 43 @29202 has 575 MA's), (54, 29403),

Gene: Estave1_24 Start: 24878, Stop: 25174, Start Num: 43

Candidate Starts for Estave1_24:

(24, 24758), (32, 24776), (Start: 43 @24878 has 575 MA's), (47, 24992), (50, 25049), (51, 25052), (55, 25085),

Gene: Etaye_57 Start: 49447, Stop: 49157, Start Num: 42

Candidate Starts for Etaye_57:

(Start: 36 @49522 has 59 MA's), (Start: 42 @49447 has 198 MA's), (45, 49408), (46, 49366), (48, 49291), (49, 49285), (55, 49246),

Gene: Eugenia_57 Start: 49012, Stop: 48722, Start Num: 42

Candidate Starts for Eugenia_57:

(Start: 36 @49087 has 59 MA's), (Start: 42 @49012 has 198 MA's), (45, 48973), (46, 48931), (48, 48856), (49, 48850), (55, 48811),

Gene: Euphoria_36 Start: 28995, Stop: 29279, Start Num: 43

Candidate Starts for Euphoria_36:

(Start: 43 @28995 has 575 MA's), (54, 29196),

Gene: Eureka_31 Start: 29266, Stop: 29550, Start Num: 43

Candidate Starts for Eureka_31:

(Start: 43 @29266 has 575 MA's), (46, 29350), (47, 29380), (54, 29467),

Gene: Eyeball_36 Start: 28743, Stop: 29039, Start Num: 43

Candidate Starts for Eyeball_36:

(Start: 43 @28743 has 575 MA's), (51, 28917),

Gene: FairyPath_31 Start: 29478, Stop: 29762, Start Num: 43

Candidate Starts for FairyPath_31:

(Start: 43 @29478 has 575 MA's), (46, 29562), (47, 29592), (54, 29679),

Gene: Fajezeel_38 Start: 29263, Stop: 29559, Start Num: 43

Candidate Starts for Fajezeel_38:

(Start: 43 @29263 has 575 MA's), (51, 29437), (57, 29494),

Gene: Fancypants_26 Start: 25445, Stop: 25729, Start Num: 43

Candidate Starts for Fancypants_26:

(Start: 43 @25445 has 575 MA's), (54, 25646), (58, 25676),

Gene: Fang_58 Start: 48602, Stop: 48312, Start Num: 42

Candidate Starts for Fang_58:

(Start: 36 @48677 has 59 MA's), (Start: 42 @48602 has 198 MA's), (45, 48563), (46, 48521), (48, 48446), (49, 48440), (55, 48401),

Gene: Fastidio_27 Start: 25568, Stop: 25852, Start Num: 43

Candidate Starts for Fastidio_27:

(Start: 43 @25568 has 575 MA's), (54, 25769), (58, 25799),

Gene: Fenn_37 Start: 30581, Stop: 30877, Start Num: 43

Candidate Starts for Fenn_37:

(Start: 43 @30581 has 575 MA's), (51, 30755),

Gene: Filch_32 Start: 29041, Stop: 29325, Start Num: 43
Candidate Starts for Filch_32:
(Start: 43 @29041 has 575 MA's), (46, 29125), (47, 29155), (54, 29242),

Gene: Filuzino_26 Start: 25434, Stop: 25718, Start Num: 43
Candidate Starts for Filuzino_26:
(Start: 43 @25434 has 575 MA's), (54, 25635), (58, 25665),

Gene: FireRed_31 Start: 29311, Stop: 29595, Start Num: 43
Candidate Starts for FireRed_31:
(Start: 43 @29311 has 575 MA's), (46, 29395), (47, 29425), (54, 29512),

Gene: Firehouse51_27 Start: 26156, Stop: 26440, Start Num: 43
Candidate Starts for Firehouse51_27:
(Start: 43 @26156 has 575 MA's), (54, 26357), (58, 26387),

Gene: Flake_59 Start: 48659, Stop: 48369, Start Num: 42
Candidate Starts for Flake_59:
(Start: 36 @48734 has 59 MA's), (Start: 42 @48659 has 198 MA's), (45, 48620), (46, 48578), (48, 48503), (49, 48497), (55, 48458),

Gene: Flathead_27 Start: 25457, Stop: 25741, Start Num: 43
Candidate Starts for Flathead_27:
(35, 25379), (Start: 43 @25457 has 575 MA's), (54, 25658), (58, 25688),

Gene: FleetyMac_58 Start: 48601, Stop: 48311, Start Num: 42
Candidate Starts for FleetyMac_58:
(Start: 36 @48676 has 59 MA's), (Start: 42 @48601 has 198 MA's), (45, 48562), (46, 48520), (48, 48445), (49, 48439), (55, 48400),

Gene: Florinda_26 Start: 25455, Stop: 25739, Start Num: 43
Candidate Starts for Florinda_26:
(Start: 43 @25455 has 575 MA's), (54, 25656), (58, 25686),

Gene: FluffyNinja_58 Start: 48616, Stop: 48326, Start Num: 42
Candidate Starts for FluffyNinja_58:
(Start: 36 @48691 has 59 MA's), (Start: 42 @48616 has 198 MA's), (45, 48577), (46, 48535), (48, 48460), (49, 48454), (55, 48415),

Gene: Flypotenuse_29 Start: 28879, Stop: 29163, Start Num: 43
Candidate Starts for Flypotenuse_29:
(Start: 43 @28879 has 575 MA's), (46, 28963), (47, 28993), (54, 29080),

Gene: FoghornLeghorn_30 Start: 28787, Stop: 29071, Start Num: 43
Candidate Starts for FoghornLeghorn_30:
(Start: 43 @28787 has 575 MA's), (46, 28871), (47, 28901), (54, 28988),

Gene: Forsytheast_36 Start: 29177, Stop: 29473, Start Num: 43
Candidate Starts for Forsytheast_36:
(Start: 43 @29177 has 575 MA's), (52, 29354),

Gene: Fozzie_56 Start: 48950, Stop: 48660, Start Num: 42
Candidate Starts for Fozzie_56:

(Start: 36 @49025 has 59 MA's), (Start: 42 @48950 has 198 MA's), (45, 48911), (46, 48869), (48, 48794), (49, 48788), (55, 48749),

Gene: Francis47_36 Start: 29606, Stop: 29902, Start Num: 43

Candidate Starts for Francis47_36:

(Start: 43 @29606 has 575 MA's), (51, 29780),

Gene: Frankicide_56 Start: 48648, Stop: 48358, Start Num: 42

Candidate Starts for Frankicide_56:

(Start: 36 @48723 has 59 MA's), (Start: 42 @48648 has 198 MA's), (45, 48609), (46, 48567), (48, 48492), (49, 48486), (55, 48447),

Gene: Frankie_27 Start: 25462, Stop: 25758, Start Num: 43

Candidate Starts for Frankie_27:

(14, 25201), (16, 25207), (17, 25270), (18, 25279), (Start: 43 @25462 has 575 MA's), (55, 25669),

Gene: FreddyB_26 Start: 25633, Stop: 25929, Start Num: 43

Candidate Starts for FreddyB_26:

(Start: 43 @25633 has 575 MA's), (47, 25747), (50, 25804), (51, 25807), (55, 25840),

Gene: FremontTroll_58 Start: 49215, Stop: 48925, Start Num: 42

Candidate Starts for FremontTroll_58:

(Start: 36 @49290 has 59 MA's), (Start: 42 @49215 has 198 MA's), (45, 49176), (46, 49134), (48, 49059), (49, 49053), (55, 49014),

Gene: Freya_55 Start: 48309, Stop: 48019, Start Num: 42

Candidate Starts for Freya_55:

(Start: 36 @48384 has 59 MA's), (Start: 42 @48309 has 198 MA's), (45, 48270), (46, 48228), (48, 48153), (49, 48147), (55, 48108),

Gene: FriarPreacher_56 Start: 48493, Stop: 48203, Start Num: 43

Candidate Starts for FriarPreacher_56:

(Start: 43 @48493 has 575 MA's), (45, 48454), (46, 48412), (48, 48337), (49, 48331), (55, 48292),

Gene: Fringe_61 Start: 49527, Stop: 49237, Start Num: 42

Candidate Starts for Fringe_61:

(Start: 36 @49602 has 59 MA's), (Start: 42 @49527 has 198 MA's), (45, 49488), (46, 49446), (48, 49371), (49, 49365), (55, 49326),

Gene: Fruitloop_26 Start: 25628, Stop: 25912, Start Num: 43

Candidate Starts for Fruitloop_26:

(Start: 43 @25628 has 575 MA's), (54, 25829), (58, 25859),

Gene: FugateOSU_57 Start: 49154, Stop: 48864, Start Num: 42

Candidate Starts for FugateOSU_57:

(Start: 36 @49229 has 59 MA's), (Start: 42 @49154 has 198 MA's), (45, 49115), (46, 49073), (48, 48998), (49, 48992), (55, 48953),

Gene: GMonster_35 Start: 28338, Stop: 28634, Start Num: 43

Candidate Starts for GMonster_35:

(Start: 43 @28338 has 575 MA's), (51, 28512),

Gene: GUmbie_26 Start: 25445, Stop: 25741, Start Num: 43

Candidate Starts for GUmbie_26:
(Start: 43 @25445 has 575 MA's), (47, 25559), (50, 25616), (51, 25619), (55, 25652),

Gene: Gachnar_38 Start: 29122, Stop: 29406, Start Num: 43
Candidate Starts for Gachnar_38:
(Start: 43 @29122 has 575 MA's), (54, 29323),

Gene: Gage_33 Start: 29273, Stop: 29557, Start Num: 43
Candidate Starts for Gage_33:
(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: Gaia_29 Start: 27981, Stop: 28280, Start Num: 43
Candidate Starts for Gaia_29:
(Start: 43 @27981 has 575 MA's), (49, 28149), (50, 28152), (51, 28155),

Gene: Galactic_26 Start: 25411, Stop: 25695, Start Num: 43
Candidate Starts for Galactic_26:
(29, 25303), (Start: 43 @25411 has 575 MA's), (54, 25612), (58, 25642),

Gene: Gandalf20_37 Start: 29791, Stop: 30087, Start Num: 43
Candidate Starts for Gandalf20_37:
(Start: 43 @29791 has 575 MA's), (51, 29965),

Gene: Gandolph_26 Start: 25538, Stop: 25822, Start Num: 43
Candidate Starts for Gandolph_26:
(Start: 43 @25538 has 575 MA's), (54, 25739), (58, 25769),

Gene: Gareth_57 Start: 49223, Stop: 48858, Start Num: 36
Candidate Starts for Gareth_57:
(Start: 36 @49223 has 59 MA's), (Start: 42 @49148 has 198 MA's), (45, 49109), (46, 49067), (48, 48992), (49, 48986), (55, 48947),

Gene: Gator_29 Start: 28891, Stop: 29175, Start Num: 43
Candidate Starts for Gator_29:
(Start: 43 @28891 has 575 MA's), (46, 28975), (47, 29005), (54, 29092),

Gene: Gemini_34 Start: 29790, Stop: 30074, Start Num: 43
Candidate Starts for Gemini_34:
(Start: 43 @29790 has 575 MA's), (46, 29874), (47, 29904), (54, 29991),

Gene: GeneCoco_57 Start: 48944, Stop: 48654, Start Num: 42
Candidate Starts for GeneCoco_57:
(37, 49004), (Start: 42 @48944 has 198 MA's), (45, 48905), (46, 48863), (48, 48788), (49, 48782), (55, 48743),

Gene: Geralt_26 Start: 25438, Stop: 25722, Start Num: 43
Candidate Starts for Geralt_26:
(Start: 43 @25438 has 575 MA's), (54, 25639), (58, 25669),

Gene: GigiOuiOui_26 Start: 25569, Stop: 25865, Start Num: 43
Candidate Starts for GigiOuiOui_26:
(Start: 43 @25569 has 575 MA's), (47, 25683), (50, 25740), (51, 25743), (55, 25776),

Gene: Girafales_27 Start: 25263, Stop: 25547, Start Num: 43

Candidate Starts for Girafales_27:

(Start: 43 @25263 has 575 MA's), (54, 25464), (58, 25494),

Gene: Giraffe_58 Start: 49144, Stop: 48854, Start Num: 42

Candidate Starts for Giraffe_58:

(Start: 36 @49219 has 59 MA's), (Start: 42 @49144 has 198 MA's), (45, 49105), (46, 49063), (48, 48988), (49, 48982), (55, 48943),

Gene: Girr_26 Start: 25408, Stop: 25704, Start Num: 43

Candidate Starts for Girr_26:

(Start: 43 @25408 has 575 MA's), (47, 25522), (50, 25579), (51, 25582), (55, 25615),

Gene: Glexan_29 Start: 28879, Stop: 29163, Start Num: 43

Candidate Starts for Glexan_29:

(Start: 43 @28879 has 575 MA's), (46, 28963), (47, 28993), (54, 29080),

Gene: Goku_31 Start: 28995, Stop: 29279, Start Num: 43

Candidate Starts for Goku_31:

(Start: 43 @28995 has 575 MA's), (46, 29079), (47, 29109), (54, 29196),

Gene: GoldenSpark_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for GoldenSpark_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: Goldilocks_32 Start: 28693, Stop: 28977, Start Num: 43

Candidate Starts for Goldilocks_32:

(Start: 43 @28693 has 575 MA's), (46, 28777), (47, 28807), (54, 28894),

Gene: Gompeii16_36 Start: 29448, Stop: 29732, Start Num: 43

Candidate Starts for Gompeii16_36:

(Start: 43 @29448 has 575 MA's), (54, 29649),

Gene: Gonephishing_42 Start: 36102, Stop: 36398, Start Num: 43

Candidate Starts for Gonephishing_42:

(Start: 34 @36024 has 1 MA's), (Start: 43 @36102 has 575 MA's), (53, 36297),

Gene: GooberAzure_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for GooberAzure_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: Gophee_58 Start: 48888, Stop: 48598, Start Num: 42

Candidate Starts for Gophee_58:

(Start: 36 @48963 has 59 MA's), (Start: 42 @48888 has 198 MA's), (45, 48849), (46, 48807), (48, 48732), (49, 48726), (55, 48687),

Gene: Gorge_26 Start: 25600, Stop: 25896, Start Num: 43

Candidate Starts for Gorge_26:

(Start: 43 @25600 has 575 MA's), (47, 25714), (50, 25771), (51, 25774), (55, 25807),

Gene: Graduation_38 Start: 29660, Stop: 29956, Start Num: 43

Candidate Starts for Graduation_38:

(Start: 43 @29660 has 575 MA's), (51, 29834),

Gene: Grand2040_57 Start: 49138, Stop: 48848, Start Num: 42
Candidate Starts for Grand2040_57:
(Start: 36 @49213 has 59 MA's), (Start: 42 @49138 has 198 MA's), (45, 49099), (46, 49057), (48, 48982), (49, 48976), (55, 48937),

Gene: GrecoEtereo_38 Start: 29744, Stop: 30028, Start Num: 43
Candidate Starts for GrecoEtereo_38:
(Start: 43 @29744 has 575 MA's), (54, 29945),

Gene: Greep_32 Start: 29603, Stop: 29887, Start Num: 43
Candidate Starts for Greep_32:
(Start: 43 @29603 has 575 MA's), (46, 29687), (47, 29717), (54, 29804),

Gene: Greg_38 Start: 29263, Stop: 29559, Start Num: 43
Candidate Starts for Greg_38:
(Start: 43 @29263 has 575 MA's), (51, 29437), (57, 29494),

Gene: Grimmer_28 Start: 26179, Stop: 26463, Start Num: 43
Candidate Starts for Grimmer_28:
(Start: 43 @26179 has 575 MA's), (54, 26380),

Gene: GroundGoblin_38 Start: 30421, Stop: 30705, Start Num: 43
Candidate Starts for GroundGoblin_38:
(Start: 43 @30421 has 575 MA's), (54, 30622),

Gene: Guppsters_27 Start: 25710, Stop: 26006, Start Num: 43
Candidate Starts for Guppsters_27:
(Start: 43 @25710 has 575 MA's), (47, 25824), (50, 25881), (51, 25884), (55, 25917),

Gene: Gwendoluna_39 Start: 31062, Stop: 31358, Start Num: 43
Candidate Starts for Gwendoluna_39:
(Start: 43 @31062 has 575 MA's), (51, 31236), (57, 31293),

Gene: Gwennie1_57 Start: 48994, Stop: 48704, Start Num: 42
Candidate Starts for Gwennie1_57:
(Start: 36 @49069 has 59 MA's), (Start: 42 @48994 has 198 MA's), (45, 48955), (46, 48913), (48, 48838), (49, 48832), (55, 48793),

Gene: Gwilliam_58 Start: 49576, Stop: 49211, Start Num: 36
Candidate Starts for Gwilliam_58:
(Start: 36 @49576 has 59 MA's), (Start: 42 @49501 has 198 MA's), (45, 49462), (46, 49420), (48, 49345), (49, 49339), (55, 49300),

Gene: Gyarad_0055 Start: 48058, Stop: 47693, Start Num: 36
Candidate Starts for Gyarad_0055:
(Start: 36 @48058 has 59 MA's), (Start: 42 @47983 has 198 MA's), (45, 47944), (46, 47902), (48, 47827), (49, 47821), (55, 47782),

Gene: HSavage_56 Start: 48627, Stop: 48337, Start Num: 42
Candidate Starts for HSavage_56:
(Start: 36 @48702 has 59 MA's), (Start: 42 @48627 has 198 MA's), (45, 48588), (46, 48546), (48, 48471), (49, 48465), (55, 48426),

Gene: Hades_26 Start: 25530, Stop: 25814, Start Num: 43
Candidate Starts for Hades_26:
(Start: 43 @25530 has 575 MA's), (54, 25731), (58, 25761),

Gene: Haimas_56 Start: 48643, Stop: 48353, Start Num: 42
Candidate Starts for Haimas_56:
(Start: 36 @48718 has 59 MA's), (Start: 42 @48643 has 198 MA's), (45, 48604), (46, 48562), (48, 48487), (49, 48481), (55, 48442),

Gene: Haleema_56 Start: 48642, Stop: 48352, Start Num: 42
Candidate Starts for Haleema_56:
(Start: 36 @48717 has 59 MA's), (Start: 42 @48642 has 198 MA's), (45, 48603), (46, 48561), (48, 48486), (49, 48480), (55, 48441),

Gene: Hamish_56 Start: 48636, Stop: 48346, Start Num: 43
Candidate Starts for Hamish_56:
(37, 48696), (Start: 43 @48636 has 575 MA's), (45, 48597), (46, 48555), (48, 48480), (49, 48474), (55, 48435),

Gene: Hamulus_26 Start: 25595, Stop: 25891, Start Num: 43
Candidate Starts for Hamulus_26:
(Start: 43 @25595 has 575 MA's), (48, 25757), (52, 25772), (53, 25790), (55, 25802), (57, 25826), (58, 25838),

Gene: HanKaySha_32 Start: 29025, Stop: 29309, Start Num: 43
Candidate Starts for HanKaySha_32:
(Start: 43 @29025 has 575 MA's), (46, 29109), (47, 29139), (54, 29226),

Gene: Hannaconda_38 Start: 33474, Stop: 33770, Start Num: 43
Candidate Starts for Hannaconda_38:
(25, 33360), (26, 33363), (Start: 34 @33396 has 1 MA's), (Start: 43 @33474 has 575 MA's), (53, 33669),

Gene: Happabalu_57 Start: 49178, Stop: 48888, Start Num: 42
Candidate Starts for Happabalu_57:
(Start: 36 @49253 has 59 MA's), (Start: 42 @49178 has 198 MA's), (45, 49139), (46, 49097), (48, 49022), (49, 49016), (55, 48977),

Gene: Harella_30 Start: 29395, Stop: 29679, Start Num: 43
Candidate Starts for Harella_30:
(Start: 43 @29395 has 575 MA's), (46, 29479), (47, 29509), (54, 29596),

Gene: Harley_26 Start: 25382, Stop: 25678, Start Num: 43
Candidate Starts for Harley_26:
(23, 25262), (33, 25289), (Start: 43 @25382 has 575 MA's), (52, 25559), (57, 25613),

Gene: Hartsy_58 Start: 48976, Stop: 48686, Start Num: 42
Candidate Starts for Hartsy_58:
(Start: 36 @49051 has 59 MA's), (Start: 42 @48976 has 198 MA's), (45, 48937), (46, 48895), (48, 48820), (49, 48814), (55, 48775),

Gene: Harvey_56 Start: 48673, Stop: 48383, Start Num: 42

Candidate Starts for Harvey_56:

(Start: 36 @48748 has 59 MA's), (Start: 42 @48673 has 198 MA's), (45, 48634), (46, 48592), (48, 48517), (49, 48511), (55, 48472),

Gene: Hegedechwinu_27 Start: 25439, Stop: 25723, Start Num: 43

Candidate Starts for Hegedechwinu_27:

(Start: 43 @25439 has 575 MA's), (54, 25640), (58, 25670),

Gene: Held_57 Start: 48722, Stop: 48357, Start Num: 36

Candidate Starts for Held_57:

(Start: 36 @48722 has 59 MA's), (Start: 42 @48647 has 198 MA's), (45, 48608), (46, 48566), (48, 48491), (49, 48485), (55, 48446),

Gene: Henry_32 Start: 29283, Stop: 29567, Start Num: 43

Candidate Starts for Henry_32:

(Start: 43 @29283 has 575 MA's), (46, 29367), (47, 29397), (54, 29484),

Gene: HenryJackson_57 Start: 49247, Stop: 48882, Start Num: 36

Candidate Starts for HenryJackson_57:

(Start: 36 @49247 has 59 MA's), (Start: 42 @49172 has 198 MA's), (45, 49133), (46, 49091), (48, 49016), (49, 49010), (55, 48971),

Gene: Hermia_39 Start: 30464, Stop: 30760, Start Num: 43

Candidate Starts for Hermia_39:

(Start: 43 @30464 has 575 MA's), (51, 30638), (57, 30695),

Gene: HermioneGrange_36 Start: 28872, Stop: 29168, Start Num: 43

Candidate Starts for HermioneGrange_36:

(Start: 43 @28872 has 575 MA's), (51, 29046),

Gene: Hertubise_57 Start: 49014, Stop: 48649, Start Num: 36

Candidate Starts for Hertubise_57:

(Start: 36 @49014 has 59 MA's), (Start: 42 @48939 has 198 MA's), (45, 48900), (46, 48858), (48, 48783), (49, 48777), (55, 48738),

Gene: Hetaeria_56 Start: 48749, Stop: 48384, Start Num: 36

Candidate Starts for Hetaeria_56:

(Start: 36 @48749 has 59 MA's), (Start: 42 @48674 has 198 MA's), (45, 48635), (46, 48593), (48, 48518), (49, 48512), (55, 48473),

Gene: HighStump_59 Start: 49150, Stop: 48860, Start Num: 42

Candidate Starts for HighStump_59:

(Start: 36 @49225 has 59 MA's), (Start: 42 @49150 has 198 MA's), (45, 49111), (46, 49069), (48, 48994), (49, 48988), (55, 48949),

Gene: Highbury_32 Start: 28941, Stop: 29225, Start Num: 43

Candidate Starts for Highbury_32:

(Start: 43 @28941 has 575 MA's), (46, 29025), (47, 29055), (54, 29142),

Gene: Hlubikazi_26 Start: 25697, Stop: 25981, Start Num: 43

Candidate Starts for Hlubikazi_26:

(Start: 43 @25697 has 575 MA's), (54, 25898), (58, 25928),

Gene: Hocus_57 Start: 48633, Stop: 48343, Start Num: 42

Candidate Starts for Hocus_57:

(37, 48693), (Start: 42 @48633 has 198 MA's), (45, 48594), (46, 48552), (48, 48477), (49, 48471), (55, 48432),

Gene: HogWash_57 Start: 49469, Stop: 49179, Start Num: 42

Candidate Starts for HogWash_57:

(Start: 36 @49544 has 59 MA's), (Start: 42 @49469 has 198 MA's), (45, 49430), (46, 49388), (48, 49313), (49, 49307), (55, 49268),

Gene: Holt_32 Start: 28560, Stop: 28844, Start Num: 43

Candidate Starts for Holt_32:

(Start: 43 @28560 has 575 MA's), (46, 28644), (47, 28674), (54, 28761),

Gene: Hoonter_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for Hoonter_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: Hope4ever_36 Start: 29350, Stop: 29634, Start Num: 43

Candidate Starts for Hope4ever_36:

(Start: 43 @29350 has 575 MA's), (54, 29551),

Gene: Hopey_33 Start: 29560, Stop: 29844, Start Num: 43

Candidate Starts for Hopey_33:

(Start: 43 @29560 has 575 MA's), (46, 29644), (47, 29674), (54, 29761),

Gene: Horchata_56 Start: 48627, Stop: 48337, Start Num: 42

Candidate Starts for Horchata_56:

(Start: 36 @48702 has 59 MA's), (Start: 42 @48627 has 198 MA's), (45, 48588), (46, 48546), (48, 48471), (49, 48465), (55, 48426),

Gene: HuffyPuff_30 Start: 29267, Stop: 29551, Start Num: 43

Candidate Starts for HuffyPuff_30:

(Start: 43 @29267 has 575 MA's), (46, 29351), (47, 29381), (54, 29468),

Gene: IHOP_31 Start: 29459, Stop: 29743, Start Num: 43

Candidate Starts for IHOP_31:

(Start: 43 @29459 has 575 MA's), (46, 29543), (47, 29573), (54, 29660),

Gene: ILeeKay_38 Start: 29114, Stop: 29410, Start Num: 43

Candidate Starts for ILeeKay_38:

(Start: 43 @29114 has 575 MA's), (51, 29288), (57, 29345),

Gene: IbOuu_28 Start: 25441, Stop: 25737, Start Num: 43

Candidate Starts for IbOuu_28:

(Start: 43 @25441 has 575 MA's), (51, 25615), (57, 25672),

Gene: Ibhubesi_26 Start: 25389, Stop: 25685, Start Num: 43

Candidate Starts for Ibhubesi_26:

(23, 25269), (33, 25296), (Start: 43 @25389 has 575 MA's), (52, 25566), (57, 25620),

Gene: Icee_30 Start: 28941, Stop: 29225, Start Num: 43

Candidate Starts for Icee_30:

(Start: 43 @28941 has 575 MA's), (46, 29025), (47, 29055), (54, 29142),

Gene: Ichabod_37 Start: 29148, Stop: 29444, Start Num: 43

Candidate Starts for Ichabod_37:

(Start: 43 @29148 has 575 MA's), (51, 29322), (57, 29379),

Gene: ImtiyazSitla_58 Start: 48622, Stop: 48332, Start Num: 42

Candidate Starts for ImtiyazSitla_58:

(37, 48682), (Start: 42 @48622 has 198 MA's), (45, 48583), (46, 48541), (48, 48466), (49, 48460), (55, 48421),

Gene: Inca_30 Start: 27962, Stop: 28246, Start Num: 43

Candidate Starts for Inca_30:

(Start: 43 @27962 has 575 MA's), (46, 28046), (47, 28076), (54, 28163),

Gene: Inchworm_59 Start: 49021, Stop: 48731, Start Num: 42

Candidate Starts for Inchworm_59:

(Start: 36 @49096 has 59 MA's), (Start: 42 @49021 has 198 MA's), (45, 48982), (46, 48940), (48, 48865), (49, 48859), (55, 48820),

Gene: Inventum_26 Start: 25564, Stop: 25860, Start Num: 43

Candidate Starts for Inventum_26:

(Start: 43 @25564 has 575 MA's), (47, 25678), (50, 25735), (51, 25738), (55, 25771),

Gene: Inverness_56 Start: 48711, Stop: 48346, Start Num: 36

Candidate Starts for Inverness_56:

(Start: 36 @48711 has 59 MA's), (Start: 42 @48636 has 198 MA's), (45, 48597), (46, 48555), (48, 48480), (49, 48474), (55, 48435),

Gene: Iridessa_58 Start: 48669, Stop: 48304, Start Num: 36

Candidate Starts for Iridessa_58:

(Start: 36 @48669 has 59 MA's), (Start: 42 @48594 has 198 MA's), (45, 48555), (46, 48513), (48, 48438), (49, 48432), (55, 48393),

Gene: Iridoclysis_58 Start: 48919, Stop: 48629, Start Num: 42

Candidate Starts for Iridoclysis_58:

(Start: 36 @48994 has 59 MA's), (Start: 42 @48919 has 198 MA's), (45, 48880), (46, 48838), (48, 48763), (49, 48757), (55, 48718),

Gene: IrishSherpFalk_27 Start: 26774, Stop: 27058, Start Num: 43

Candidate Starts for IrishSherpFalk_27:

(25, 26666), (Start: 43 @26774 has 575 MA's), (47, 26888), (54, 26975), (58, 27005),

Gene: IsaacEli_58 Start: 49160, Stop: 48870, Start Num: 42

Candidate Starts for IsaacEli_58:

(Start: 36 @49235 has 59 MA's), (Start: 42 @49160 has 198 MA's), (45, 49121), (46, 49079), (48, 49004), (49, 48998), (55, 48959),

Gene: JDog_56 Start: 49251, Stop: 48886, Start Num: 36

Candidate Starts for JDog_56:

(Start: 36 @49251 has 59 MA's), (Start: 42 @49176 has 198 MA's), (45, 49137), (46, 49095), (48, 49020), (49, 49014), (55, 48975),

Gene: Jabbawokkie_32 Start: 25659, Stop: 25955, Start Num: 43

Candidate Starts for Jabbawokkie_32:

(24, 25539), (32, 25557), (Start: 43 @25659 has 575 MA's), (46, 25743), (47, 25773), (48, 25821), (52, 25836), (55, 25866), (56, 25881), (57, 25890), (58, 25902),

Gene: JacAttac_58 Start: 48656, Stop: 48291, Start Num: 36

Candidate Starts for JacAttac_58:

(Start: 36 @48656 has 59 MA's), (Start: 42 @48581 has 198 MA's), (45, 48542), (46, 48500), (48, 48425), (49, 48419), (55, 48380),

Gene: JackSparrow_37 Start: 29478, Stop: 29762, Start Num: 43

Candidate Starts for JackSparrow_37:

(Start: 43 @29478 has 575 MA's), (54, 29679),

Gene: JakeO_57 Start: 48652, Stop: 48362, Start Num: 42

Candidate Starts for JakeO_57:

(Start: 36 @48727 has 59 MA's), (Start: 42 @48652 has 198 MA's), (45, 48613), (46, 48571), (48, 48496), (49, 48490), (55, 48451),

Gene: JalFarm20_28 Start: 25961, Stop: 26245, Start Num: 43

Candidate Starts for JalFarm20_28:

(24, 25850), (Start: 34 @25883 has 1 MA's), (Start: 43 @25961 has 575 MA's), (54, 26162), (58, 26192),

Gene: James_26 Start: 25596, Stop: 25892, Start Num: 43

Candidate Starts for James_26:

(Start: 43 @25596 has 575 MA's), (47, 25710), (50, 25767), (51, 25770), (55, 25803),

Gene: JangoPhett_57 Start: 48921, Stop: 48631, Start Num: 42

Candidate Starts for JangoPhett_57:

(37, 48981), (Start: 42 @48921 has 198 MA's), (45, 48882), (46, 48840), (48, 48765), (49, 48759), (55, 48720),

Gene: Jant_27 Start: 25591, Stop: 25875, Start Num: 43

Candidate Starts for Jant_27:

(Start: 43 @25591 has 575 MA's), (54, 25792), (58, 25822),

Gene: Jacob_26 Start: 25631, Stop: 25927, Start Num: 43

Candidate Starts for Jacob_26:

(Start: 43 @25631 has 575 MA's), (47, 25745), (50, 25802), (51, 25805), (55, 25838),

Gene: Jasper_37 Start: 28791, Stop: 29087, Start Num: 43

Candidate Starts for Jasper_37:

(Start: 43 @28791 has 575 MA's), (51, 28965), (57, 29022),

Gene: JeTaime_33 Start: 30084, Stop: 30368, Start Num: 43

Candidate Starts for JeTaime_33:

(Start: 43 @30084 has 575 MA's), (46, 30168), (47, 30198), (54, 30285),

Gene: Jerm2_37 Start: 29139, Stop: 29423, Start Num: 43

Candidate Starts for Jerm2_37:

(Start: 43 @29139 has 575 MA's), (54, 29340),

Gene: Jesabah_58 Start: 49252, Stop: 48887, Start Num: 36

Candidate Starts for Jesabah_58:

(Start: 36 @49252 has 59 MA's), (Start: 42 @49177 has 198 MA's), (45, 49138), (46, 49096), (48, 49021), (49, 49015), (55, 48976),

Gene: Jillium_57 Start: 49168, Stop: 48878, Start Num: 42

Candidate Starts for Jillium_57:

(Start: 36 @49243 has 59 MA's), (Start: 42 @49168 has 198 MA's), (45, 49129), (46, 49087), (48, 49012), (49, 49006), (55, 48967),

Gene: Jiminy_57 Start: 48487, Stop: 48197, Start Num: 42

Candidate Starts for Jiminy_57:

(37, 48547), (Start: 42 @48487 has 198 MA's), (45, 48448), (46, 48406), (48, 48331), (49, 48325), (55, 48286),

Gene: Jinglebell_25 Start: 25661, Stop: 25945, Start Num: 43

Candidate Starts for Jinglebell_25:

(Start: 43 @25661 has 575 MA's), (54, 25862),

Gene: Jiraiya_57 Start: 48640, Stop: 48350, Start Num: 42

Candidate Starts for Jiraiya_57:

(37, 48700), (Start: 42 @48640 has 198 MA's), (45, 48601), (46, 48559), (48, 48484), (49, 48478), (55, 48439),

Gene: Job42_29 Start: 27153, Stop: 27449, Start Num: 43

Candidate Starts for Job42_29:

(23, 27033), (31, 27051), (35, 27075), (Start: 43 @27153 has 575 MA's), (47, 27267), (50, 27324), (51, 27327), (55, 27360),

Gene: JoeyJr_26 Start: 25608, Stop: 25904, Start Num: 43

Candidate Starts for JoeyJr_26:

(Start: 43 @25608 has 575 MA's), (47, 25722), (48, 25770), (52, 25785), (53, 25803), (55, 25815), (57, 25839), (58, 25851),

Gene: Jorgensen_36 Start: 28843, Stop: 29139, Start Num: 43

Candidate Starts for Jorgensen_36:

(Start: 43 @28843 has 575 MA's), (51, 29017), (57, 29074),

Gene: Juice456_28 Start: 26710, Stop: 26994, Start Num: 43

Candidate Starts for Juice456_28:

(Start: 43 @26710 has 575 MA's), (54, 26911), (58, 26941),

Gene: JuliaChild_38 Start: 29575, Stop: 29871, Start Num: 43

Candidate Starts for JuliaChild_38:

(Start: 43 @29575 has 575 MA's), (51, 29749),

Gene: Juniper1_26 Start: 25423, Stop: 25707, Start Num: 43

Candidate Starts for Juniper1_26:

(21, 25300), (30, 25318), (Start: 34 @25342 has 1 MA's), (Start: 43 @25423 has 575 MA's), (54, 25624),

Gene: KBG_37 Start: 30007, Stop: 30291, Start Num: 43

Candidate Starts for KBG_37:

(Start: 43 @30007 has 575 MA's), (54, 30208),

Gene: KLUckY39_55 Start: 48057, Stop: 47692, Start Num: 36

Candidate Starts for KLUckY39_55:

(Start: 36 @48057 has 59 MA's), (Start: 42 @47982 has 198 MA's), (45, 47943), (46, 47901), (48, 47826), (49, 47820), (55, 47781),

Gene: KSSJEB_36 Start: 28754, Stop: 29050, Start Num: 43

Candidate Starts for KSSJEB_36:

(Start: 43 @28754 has 575 MA's), (51, 28928),

Gene: Kahve_57 Start: 49244, Stop: 48879, Start Num: 36

Candidate Starts for Kahve_57:

(Start: 36 @49244 has 59 MA's), (Start: 42 @49169 has 198 MA's), (45, 49130), (46, 49088), (48, 49013), (49, 49007), (55, 48968),

Gene: Kailash_57 Start: 49006, Stop: 48716, Start Num: 42

Candidate Starts for Kailash_57:

(37, 49066), (Start: 42 @49006 has 198 MA's), (45, 48967), (46, 48925), (48, 48850), (49, 48844), (55, 48805),

Gene: Kanely_37 Start: 29702, Stop: 29986, Start Num: 43

Candidate Starts for Kanely_37:

(Start: 43 @29702 has 575 MA's), (54, 29903),

Gene: Kanye_33 Start: 30269, Stop: 30553, Start Num: 43

Candidate Starts for Kanye_33:

(Start: 43 @30269 has 575 MA's), (46, 30353), (47, 30383), (54, 30470),

Gene: Karhdo_26 Start: 25571, Stop: 25867, Start Num: 43

Candidate Starts for Karhdo_26:

(Start: 43 @25571 has 575 MA's), (47, 25685), (50, 25742), (51, 25745), (55, 25778),

Gene: KashFlow_35 Start: 33095, Stop: 33391, Start Num: 43

Candidate Starts for KashFlow_35:

(25, 32981), (26, 32984), (Start: 34 @33017 has 1 MA's), (Start: 43 @33095 has 575 MA's), (53, 33290),

Gene: Katniss_58 Start: 48608, Stop: 48318, Start Num: 42

Candidate Starts for Katniss_58:

(Start: 36 @48683 has 59 MA's), (Start: 42 @48608 has 198 MA's), (45, 48569), (46, 48527), (48, 48452), (49, 48446), (55, 48407),

Gene: Keitherie_58 Start: 48987, Stop: 48697, Start Num: 43

Candidate Starts for Keitherie_58:

(37, 49047), (Start: 43 @48987 has 575 MA's), (45, 48948), (46, 48906), (48, 48831), (49, 48825), (55, 48786),

Gene: Kenmech_39 Start: 30255, Stop: 30539, Start Num: 43

Candidate Starts for Kenmech_39:

(Start: 43 @30255 has 575 MA's), (54, 30456),

Gene: Kenuha5_23 Start: 24604, Stop: 24888, Start Num: 43

Candidate Starts for Kenuha5_23:

(Start: 43 @24604 has 575 MA's), (54, 24805), (58, 24835),

Gene: Kersh_24 Start: 24647, Stop: 24943, Start Num: 43

Candidate Starts for Kersh_24:

(Start: 43 @24647 has 575 MA's), (52, 24824), (55, 24854), (57, 24878), (58, 24890),

Gene: Khan1_58 Start: 49125, Stop: 48835, Start Num: 42

Candidate Starts for Khan1_58:

(37, 49185), (Start: 42 @49125 has 198 MA's), (45, 49086), (46, 49044), (48, 48969), (49, 48963), (55, 48924),

Gene: KikiBouba_38 Start: 30273, Stop: 30569, Start Num: 43

Candidate Starts for KikiBouba_38:

(Start: 43 @30273 has 575 MA's), (51, 30447), (57, 30504),

Gene: Kikipoo_58 Start: 49160, Stop: 48870, Start Num: 42

Candidate Starts for Kikipoo_58:

(Start: 36 @49235 has 59 MA's), (Start: 42 @49160 has 198 MA's), (45, 49121), (46, 49079), (48, 49004), (49, 48998), (55, 48959),

Gene: Killigrew_34 Start: 28475, Stop: 28771, Start Num: 43

Candidate Starts for Killigrew_34:

(Start: 43 @28475 has 575 MA's), (51, 28649), (57, 28706),

Gene: Kimberlium_28 Start: 26564, Stop: 26860, Start Num: 43

Candidate Starts for Kimberlium_28:

(Start: 43 @26564 has 575 MA's), (52, 26741), (55, 26771), (57, 26795), (58, 26807),

Gene: Kimbrough_58 Start: 49169, Stop: 48879, Start Num: 42

Candidate Starts for Kimbrough_58:

(Start: 36 @49244 has 59 MA's), (Start: 42 @49169 has 198 MA's), (45, 49130), (46, 49088), (48, 49013), (49, 49007), (55, 48968),

Gene: Kimchi_33 Start: 29276, Stop: 29560, Start Num: 43

Candidate Starts for Kimchi_33:

(Start: 43 @29276 has 575 MA's), (46, 29360), (47, 29390), (54, 29477),

Gene: KingJulian_26 Start: 25630, Stop: 25914, Start Num: 43

Candidate Starts for KingJulian_26:

(Start: 43 @25630 has 575 MA's), (54, 25831),

Gene: KingMidas_27 Start: 26739, Stop: 27035, Start Num: 43

Candidate Starts for KingMidas_27:

(23, 26619), (35, 26661), (Start: 43 @26739 has 575 MA's), (52, 26916), (55, 26946), (57, 26970), (58, 26982),

Gene: KingTut_49 Start: 44833, Stop: 44543, Start Num: 42

Candidate Starts for KingTut_49:

(Start: 36 @44908 has 59 MA's), (Start: 42 @44833 has 198 MA's), (45, 44794), (46, 44752), (48, 44677), (49, 44671), (55, 44632),

Gene: KingVeVeVe_55 Start: 47936, Stop: 47646, Start Num: 42

Candidate Starts for KingVeVeVe_55:

(Start: 36 @48011 has 59 MA's), (Start: 42 @47936 has 198 MA's), (45, 47897), (46, 47855), (48, 47780), (49, 47774), (55, 47735),

Gene: Kingsley_24 Start: 24404, Stop: 24688, Start Num: 43

Candidate Starts for Kingsley_24:

(Start: 43 @24404 has 575 MA's), (54, 24605), (58, 24635),

Gene: KlimbOn_56 Start: 48628, Stop: 48338, Start Num: 42

Candidate Starts for KlimbOn_56:

(Start: 36 @48703 has 59 MA's), (Start: 42 @48628 has 198 MA's), (45, 48589), (46, 48547), (48, 48472), (49, 48466), (55, 48427),

Gene: Kloppinator_57 Start: 48468, Stop: 48178, Start Num: 43

Candidate Starts for Kloppinator_57:

(37, 48528), (Start: 43 @48468 has 575 MA's), (45, 48429), (46, 48387), (48, 48312), (49, 48306), (55, 48267),

Gene: Kostya_32 Start: 29284, Stop: 29568, Start Num: 43

Candidate Starts for Kostya_32:

(Start: 43 @29284 has 575 MA's), (46, 29368), (47, 29398), (54, 29485),

Gene: Krakatau_27 Start: 26112, Stop: 26396, Start Num: 43

Candidate Starts for Krakatau_27:

(29, 26004), (Start: 43 @26112 has 575 MA's), (54, 26313), (58, 26343),

Gene: KristaRAM_27 Start: 26270, Stop: 26554, Start Num: 43

Candidate Starts for KristaRAM_27:

(Start: 43 @26270 has 575 MA's), (54, 26471), (58, 26501),

Gene: Kugel_37 Start: 29284, Stop: 29580, Start Num: 43

Candidate Starts for Kugel_37:

(Start: 43 @29284 has 575 MA's), (51, 29458),

Gene: Kwadwo_56 Start: 48621, Stop: 48331, Start Num: 42

Candidate Starts for Kwadwo_56:

(Start: 36 @48696 has 59 MA's), (Start: 42 @48621 has 198 MA's), (45, 48582), (46, 48540), (48, 48465), (49, 48459), (55, 48420),

Gene: Kwksand96_57 Start: 48502, Stop: 48212, Start Num: 42

Candidate Starts for Kwksand96_57:

(37, 48562), (Start: 42 @48502 has 198 MA's), (45, 48463), (46, 48421), (48, 48346), (49, 48340), (55, 48301),

Gene: KyMonks1A_39 Start: 29454, Stop: 29750, Start Num: 43

Candidate Starts for KyMonks1A_39:

(Start: 43 @29454 has 575 MA's), (51, 29628), (57, 29685),

Gene: Labeouficaum_57 Start: 48496, Stop: 48206, Start Num: 42

Candidate Starts for Labeouficaum_57:

(37, 48556), (Start: 42 @48496 has 198 MA's), (45, 48457), (46, 48415), (48, 48340), (49, 48334), (55, 48295),

Gene: Lamina13_36 Start: 28597, Stop: 28893, Start Num: 43

Candidate Starts for Lamina13_36:

(Start: 43 @28597 has 575 MA's), (51, 28771), (57, 28828),

Gene: Larson_59 Start: 48719, Stop: 48429, Start Num: 42

Candidate Starts for Larson_59:

(Start: 36 @48794 has 59 MA's), (Start: 42 @48719 has 198 MA's), (45, 48680), (46, 48638), (48, 48563), (49, 48557), (55, 48518),

Gene: LasagnaCat_59 Start: 49033, Stop: 48743, Start Num: 42

Candidate Starts for LasagnaCat_59:

(Start: 36 @49108 has 59 MA's), (Start: 42 @49033 has 198 MA's), (45, 48994), (46, 48952), (48, 48877), (49, 48871), (55, 48832),

Gene: Lasso_57 Start: 48971, Stop: 48606, Start Num: 36

Candidate Starts for Lasso_57:

(Start: 36 @48971 has 59 MA's), (Start: 42 @48896 has 198 MA's), (45, 48857), (46, 48815), (48, 48740), (49, 48734), (55, 48695),

Gene: Latretium_27 Start: 26132, Stop: 26443, Start Num: 43

Candidate Starts for Latretium_27:

(Start: 43 @26132 has 575 MA's), (59, 26381),

Gene: LeeLot_57 Start: 48948, Stop: 48658, Start Num: 42

Candidate Starts for LeeLot_57:

(Start: 36 @49023 has 59 MA's), (Start: 42 @48948 has 198 MA's), (45, 48909), (46, 48867), (48, 48792), (49, 48786), (55, 48747),

Gene: Lego3393_56 Start: 49235, Stop: 48870, Start Num: 36

Candidate Starts for Lego3393_56:

(Start: 36 @49235 has 59 MA's), (Start: 42 @49160 has 198 MA's), (45, 49121), (46, 49079), (48, 49004), (49, 48998), (55, 48959),

Gene: Legolas_59 Start: 49047, Stop: 48757, Start Num: 42

Candidate Starts for Legolas_59:

(Start: 36 @49122 has 59 MA's), (Start: 42 @49047 has 198 MA's), (45, 49008), (46, 48966), (48, 48891), (49, 48885), (55, 48846),

Gene: Lehmann_57 Start: 48519, Stop: 48229, Start Num: 42

Candidate Starts for Lehmann_57:

(Start: 36 @48594 has 59 MA's), (Start: 42 @48519 has 198 MA's), (45, 48480), (46, 48438), (48, 48363), (49, 48357), (55, 48318),

Gene: LeiMonet_59 Start: 48566, Stop: 48276, Start Num: 42

Candidate Starts for LeiMonet_59:

(Start: 36 @48641 has 59 MA's), (Start: 42 @48566 has 198 MA's), (45, 48527), (46, 48485), (48, 48410), (49, 48404), (55, 48365),

Gene: LemonSlice_58 Start: 48638, Stop: 48348, Start Num: 42

Candidate Starts for LemonSlice_58:

(Start: 36 @48713 has 59 MA's), (Start: 42 @48638 has 198 MA's), (45, 48599), (46, 48557), (48, 48482), (49, 48476), (55, 48437),

Gene: Leozinho_27 Start: 25285, Stop: 25581, Start Num: 43

Candidate Starts for Leozinho_27:

(Start: 43 @25285 has 575 MA's), (51, 25459), (57, 25516),

Gene: Leperchaun_26 Start: 25512, Stop: 25796, Start Num: 43

Candidate Starts for Leperchaun_26:

(Start: 43 @25512 has 575 MA's), (54, 25713), (58, 25743),

Gene: Lesedi_35 Start: 28879, Stop: 29163, Start Num: 43

Candidate Starts for Lesedi_35:

(Start: 43 @28879 has 575 MA's), (54, 29080),

Gene: Levia_33 Start: 28853, Stop: 29149, Start Num: 43

Candidate Starts for Levia_33:

(Start: 43 @28853 has 575 MA's), (51, 29027), (57, 29084),

Gene: Licorice_38 Start: 29942, Stop: 30238, Start Num: 43

Candidate Starts for Licorice_38:

(Start: 43 @29942 has 575 MA's), (51, 30116), (57, 30173),

Gene: LilMoolah_26 Start: 25730, Stop: 26014, Start Num: 43

Candidate Starts for LilMoolah_26:

(Start: 43 @25730 has 575 MA's), (54, 25931), (58, 25961),

Gene: Lilac_33 Start: 28780, Stop: 29064, Start Num: 43

Candidate Starts for Lilac_33:

(Start: 43 @28780 has 575 MA's), (46, 28864), (47, 28894), (54, 28981),

Gene: Lilizi_33 Start: 28988, Stop: 29272, Start Num: 43

Candidate Starts for Lilizi_33:

(Start: 43 @28988 has 575 MA's), (46, 29072), (47, 29102), (54, 29189),

Gene: Lilpickle_30 Start: 28490, Stop: 28774, Start Num: 43

Candidate Starts for Lilpickle_30:

(Start: 43 @28490 has 575 MA's), (46, 28574), (47, 28604), (54, 28691),

Gene: LittleE_47 Start: 39006, Stop: 39302, Start Num: 43

Candidate Starts for LittleE_47:

(Start: 43 @39006 has 575 MA's), (53, 39201),

Gene: LittleShirley_27 Start: 25378, Stop: 25674, Start Num: 43

Candidate Starts for LittleShirley_27:

(Start: 43 @25378 has 575 MA's), (47, 25492), (50, 25549), (51, 25552), (55, 25585),

Gene: Lizziana_26 Start: 25605, Stop: 25889, Start Num: 43

Candidate Starts for Lizziana_26:

(Start: 43 @25605 has 575 MA's), (54, 25806), (58, 25836),

Gene: Llama_26 Start: 25660, Stop: 25944, Start Num: 43

Candidate Starts for Llama_26:

(Start: 43 @25660 has 575 MA's), (54, 25861),

Gene: Llij_26 Start: 25428, Stop: 25712, Start Num: 43

Candidate Starts for Llij_26:

(Start: 43 @25428 has 575 MA's), (54, 25629), (58, 25659),

Gene: Lockley_37 Start: 28994, Stop: 29278, Start Num: 43

Candidate Starts for Lockley_37:

(Start: 43 @28994 has 575 MA's), (54, 29195),

Gene: Longacauda_58 Start: 49010, Stop: 48720, Start Num: 42

Candidate Starts for Longacauda_58:

(Start: 36 @49085 has 59 MA's), (Start: 42 @49010 has 198 MA's), (45, 48971), (46, 48929), (48, 48854), (49, 48848), (55, 48809),

Gene: Lopsy_54 Start: 47524, Stop: 47234, Start Num: 42

Candidate Starts for Lopsy_54:

(Start: 36 @47599 has 59 MA's), (Start: 42 @47524 has 198 MA's), (45, 47485), (46, 47443), (48, 47368), (49, 47362), (55, 47323),

Gene: Lopton_37 Start: 30374, Stop: 30670, Start Num: 43

Candidate Starts for Lopton_37:

(Start: 43 @30374 has 575 MA's), (51, 30548),

Gene: Lorde_27 Start: 25264, Stop: 25548, Start Num: 43

Candidate Starts for Lorde_27:

(Start: 43 @25264 has 575 MA's), (54, 25465), (58, 25495),

Gene: LostAndPhound_57 Start: 48653, Stop: 48363, Start Num: 42

Candidate Starts for LostAndPhound_57:

(Start: 36 @48728 has 59 MA's), (Start: 42 @48653 has 198 MA's), (45, 48614), (46, 48572), (48, 48497), (49, 48491), (55, 48452),

Gene: Lucia_27 Start: 25548, Stop: 25832, Start Num: 43

Candidate Starts for Lucia_27:

(Start: 43 @25548 has 575 MA's), (54, 25749), (58, 25779),

Gene: Lucky2013_41 Start: 35020, Stop: 35316, Start Num: 43

Candidate Starts for Lucky2013_41:

(Start: 22 @34900 has 1 MA's), (30, 34918), (Start: 34 @34942 has 1 MA's), (Start: 43 @35020 has 575 MA's), (53, 35215),

Gene: LuckyMarjie_55 Start: 48329, Stop: 48039, Start Num: 42

Candidate Starts for LuckyMarjie_55:

(Start: 36 @48404 has 59 MA's), (Start: 42 @48329 has 198 MA's), (45, 48290), (46, 48248), (48, 48173), (49, 48167), (55, 48128),

Gene: Lulumae_55 Start: 48389, Stop: 48024, Start Num: 36

Candidate Starts for Lulumae_55:

(Start: 36 @48389 has 59 MA's), (Start: 42 @48314 has 198 MA's), (45, 48275), (46, 48233), (48, 48158), (49, 48152), (55, 48113),

Gene: Lulwa_55 Start: 47953, Stop: 47663, Start Num: 42

Candidate Starts for Lulwa_55:

(Start: 36 @48028 has 59 MA's), (Start: 42 @47953 has 198 MA's), (45, 47914), (46, 47872), (48, 47797), (49, 47791), (55, 47752),

Gene: Lumine_58 Start: 48873, Stop: 48508, Start Num: 36

Candidate Starts for Lumine_58:

(Start: 36 @48873 has 59 MA's), (Start: 42 @48798 has 198 MA's), (45, 48759), (46, 48717), (48, 48642), (49, 48636), (55, 48597),

Gene: LunaBlu_27 Start: 25663, Stop: 25947, Start Num: 43

Candidate Starts for LunaBlu_27:

(21, 25543), (30, 25561), (Start: 34 @25585 has 1 MA's), (Start: 43 @25663 has 575 MA's), (54, 25864),

Gene: LunaStella_26 Start: 25629, Stop: 25925, Start Num: 43

Candidate Starts for LunaStella_26:

(Start: 43 @25629 has 575 MA's), (46, 25713), (48, 25791), (52, 25806), (53, 25824), (55, 25836), (57, 25860), (58, 25872),

Gene: LunarLander_37 Start: 29061, Stop: 29357, Start Num: 43

Candidate Starts for LunarLander_37:

(Start: 43 @29061 has 575 MA's), (51, 29235),

Gene: MISSy_30 Start: 28795, Stop: 29079, Start Num: 43

Candidate Starts for MISSy_30:

(Start: 43 @28795 has 575 MA's), (46, 28879), (47, 28909), (54, 28996),

Gene: MPhalcon_30 Start: 28789, Stop: 29073, Start Num: 43

Candidate Starts for MPhalcon_30:

(Start: 43 @28789 has 575 MA's), (46, 28873), (47, 28903), (54, 28990),

Gene: MPlant7149_36 Start: 28652, Stop: 28948, Start Num: 43

Candidate Starts for MPlant7149_36:

(Start: 43 @28652 has 575 MA's), (51, 28826),

Gene: MRabcd_56 Start: 48711, Stop: 48421, Start Num: 42

Candidate Starts for MRabcd_56:

(Start: 36 @48786 has 59 MA's), (Start: 42 @48711 has 198 MA's), (45, 48672), (46, 48630), (48, 48555), (49, 48549), (55, 48510),

Gene: MadMen_23 Start: 24701, Stop: 24997, Start Num: 43

Candidate Starts for MadMen_23:

(Start: 43 @24701 has 575 MA's), (48, 24863), (52, 24878), (55, 24908), (57, 24932), (58, 24944),

Gene: MadamMonkfish_31 Start: 28701, Stop: 28985, Start Num: 43

Candidate Starts for MadamMonkfish_31:

(Start: 43 @28701 has 575 MA's), (46, 28785), (47, 28815), (54, 28902),

Gene: Madiba_24 Start: 24351, Stop: 24647, Start Num: 43

Candidate Starts for Madiba_24:

(Start: 43 @24351 has 575 MA's), (47, 24465), (50, 24522), (51, 24525), (55, 24558),

Gene: Mag7_57 Start: 48556, Stop: 48266, Start Num: 42

Candidate Starts for Mag7_57:

(37, 48616), (Start: 42 @48556 has 198 MA's), (45, 48517), (46, 48475), (48, 48400), (49, 48394), (55, 48355),

Gene: Magic8_58 Start: 49027, Stop: 48662, Start Num: 36

Candidate Starts for Magic8_58:

(Start: 36 @49027 has 59 MA's), (Start: 42 @48952 has 198 MA's), (45, 48913), (46, 48871), (48, 48796), (49, 48790), (55, 48751),

Gene: Magnar_36 Start: 28851, Stop: 29135, Start Num: 43

Candidate Starts for Magnar_36:

(Start: 43 @28851 has 575 MA's), (54, 29052),

Gene: Magnito_35 Start: 28604, Stop: 28888, Start Num: 43

Candidate Starts for Magnito_35:

(Start: 43 @28604 has 575 MA's), (54, 28805),

Gene: Mahavrat_26 Start: 25415, Stop: 25699, Start Num: 43

Candidate Starts for Mahavrat_26:

(21, 25295), (30, 25313), (Start: 34 @25337 has 1 MA's), (Start: 43 @25415 has 575 MA's), (46, 25499), (54, 25616),

Gene: Makemake_37 Start: 30306, Stop: 30590, Start Num: 43

Candidate Starts for Makemake_37:

(Start: 43 @30306 has 575 MA's), (54, 30507),

Gene: Mana_56 Start: 48711, Stop: 48346, Start Num: 36

Candidate Starts for Mana_56:

(Start: 36 @48711 has 59 MA's), (Start: 42 @48636 has 198 MA's), (45, 48597), (46, 48555), (48, 48480), (49, 48474), (55, 48435),

Gene: Manad_56 Start: 48686, Stop: 48321, Start Num: 36

Candidate Starts for Manad_56:

(Start: 36 @48686 has 59 MA's), (Start: 42 @48611 has 198 MA's), (45, 48572), (46, 48530), (48, 48455), (49, 48449), (55, 48410),

Gene: Manatee_37 Start: 28693, Stop: 28977, Start Num: 43

Candidate Starts for Manatee_37:

(Start: 43 @28693 has 575 MA's), (54, 28894),

Gene: Manda_32 Start: 29768, Stop: 30052, Start Num: 43

Candidate Starts for Manda_32:

(Start: 43 @29768 has 575 MA's), (46, 29852), (47, 29882), (54, 29969),

Gene: Mandlovu_26 Start: 25639, Stop: 25923, Start Num: 43

Candidate Starts for Mandlovu_26:

(Start: 43 @25639 has 575 MA's), (54, 25840), (58, 25870),

Gene: Mantra_26 Start: 25538, Stop: 25834, Start Num: 43

Candidate Starts for Mantra_26:

(Start: 43 @25538 has 575 MA's), (47, 25652), (50, 25709), (51, 25712), (55, 25745),

Gene: Maravista_26 Start: 25387, Stop: 25671, Start Num: 43

Candidate Starts for Maravista_26:

(Start: 43 @25387 has 575 MA's), (54, 25588), (58, 25618),

Gene: Marcell_36 Start: 29341, Stop: 29637, Start Num: 43
Candidate Starts for Marcell_36:
(Start: 43 @29341 has 575 MA's), (51, 29515),

Gene: Marchy_31 Start: 25929, Stop: 26225, Start Num: 43
Candidate Starts for Marchy_31:
(Start: 43 @25929 has 575 MA's), (51, 26103),

Gene: Marco3_36 Start: 29238, Stop: 29522, Start Num: 43
Candidate Starts for Marco3_36:
(Start: 43 @29238 has 575 MA's), (54, 29439),

Gene: Marge_37 Start: 29739, Stop: 30023, Start Num: 43
Candidate Starts for Marge_37:
(Start: 43 @29739 has 575 MA's), (54, 29940),

Gene: Marker_27 Start: 25291, Stop: 25587, Start Num: 43
Candidate Starts for Marker_27:
(Start: 43 @25291 has 575 MA's), (51, 25465), (57, 25522),

Gene: Maroc7_36 Start: 28826, Stop: 29122, Start Num: 43
Candidate Starts for Maroc7_36:
(Start: 43 @28826 has 575 MA's), (51, 29000),

Gene: Marsha_36 Start: 29899, Stop: 30183, Start Num: 43
Candidate Starts for Marsha_36:
(Start: 43 @29899 has 575 MA's), (54, 30100),

Gene: Marshmallow_31 Start: 29281, Stop: 29565, Start Num: 43
Candidate Starts for Marshmallow_31:
(Start: 43 @29281 has 575 MA's), (46, 29365), (47, 29395), (54, 29482),

Gene: Martik_26 Start: 25632, Stop: 25916, Start Num: 43
Candidate Starts for Martik_26:
(Start: 43 @25632 has 575 MA's), (54, 25833), (58, 25863),

Gene: Maru_57 Start: 49075, Stop: 48785, Start Num: 42
Candidate Starts for Maru_57:
(Start: 36 @49150 has 59 MA's), (Start: 42 @49075 has 198 MA's), (45, 49036), (46, 48994), (48, 48919), (49, 48913), (55, 48874),

Gene: MaryBeth_36 Start: 29105, Stop: 29389, Start Num: 43
Candidate Starts for MaryBeth_36:
(Start: 43 @29105 has 575 MA's), (54, 29306),

Gene: Maskar_58 Start: 48622, Stop: 48332, Start Num: 42
Candidate Starts for Maskar_58:
(37, 48682), (Start: 42 @48622 has 198 MA's), (45, 48583), (46, 48541), (48, 48466), (49, 48460), (55, 48421),

Gene: Matalotodo_56 Start: 48646, Stop: 48356, Start Num: 42
Candidate Starts for Matalotodo_56:

(Start: 36 @48721 has 59 MA's), (Start: 42 @48646 has 198 MA's), (45, 48607), (46, 48565), (48, 48490), (49, 48484), (55, 48445),

Gene: Mattes_26 Start: 25596, Stop: 25892, Start Num: 43

Candidate Starts for Mattes_26:

(Start: 43 @25596 has 575 MA's), (47, 25710), (50, 25767), (51, 25770), (55, 25803),

Gene: Maxxinista_32 Start: 28750, Stop: 29034, Start Num: 43

Candidate Starts for Maxxinista_32:

(Start: 43 @28750 has 575 MA's), (46, 28834), (47, 28864), (54, 28951),

Gene: McGuire_37 Start: 28985, Stop: 29269, Start Num: 43

Candidate Starts for McGuire_37:

(Start: 43 @28985 has 575 MA's), (54, 29186),

Gene: McSinger_37 Start: 29533, Stop: 29829, Start Num: 43

Candidate Starts for McSinger_37:

(Start: 43 @29533 has 575 MA's), (51, 29707), (57, 29764),

Gene: Mcshane_56 Start: 48709, Stop: 48344, Start Num: 36

Candidate Starts for Mcshane_56:

(Start: 36 @48709 has 59 MA's), (Start: 42 @48634 has 198 MA's), (45, 48595), (46, 48553), (48, 48478), (49, 48472), (55, 48433),

Gene: Mecca_57 Start: 49157, Stop: 48867, Start Num: 42

Candidate Starts for Mecca_57:

(Start: 36 @49232 has 59 MA's), (Start: 42 @49157 has 198 MA's), (45, 49118), (46, 49076), (48, 49001), (49, 48995), (55, 48956),

Gene: Medindi_27 Start: 25438, Stop: 25734, Start Num: 43

Candidate Starts for Medindi_27:

(Start: 43 @25438 has 575 MA's), (51, 25612), (57, 25669),

Gene: Megamind20_58 Start: 48622, Stop: 48332, Start Num: 42

Candidate Starts for Megamind20_58:

(Start: 36 @48697 has 59 MA's), (Start: 42 @48622 has 198 MA's), (45, 48583), (46, 48541), (48, 48466), (49, 48460), (55, 48421),

Gene: Megatron_58 Start: 49223, Stop: 48858, Start Num: 36

Candidate Starts for Megatron_58:

(Start: 36 @49223 has 59 MA's), (Start: 42 @49148 has 198 MA's), (45, 49109), (46, 49067), (48, 48992), (49, 48986), (55, 48947),

Gene: Melc17_57 Start: 49466, Stop: 49176, Start Num: 42

Candidate Starts for Melc17_57:

(Start: 36 @49541 has 59 MA's), (Start: 42 @49466 has 198 MA's), (45, 49427), (46, 49385), (48, 49310), (49, 49304), (55, 49265),

Gene: Melissauren88_26 Start: 25624, Stop: 25908, Start Num: 43

Candidate Starts for Melissauren88_26:

(Start: 43 @25624 has 575 MA's), (54, 25825), (58, 25855),

Gene: MelsMeow_57 Start: 48675, Stop: 48385, Start Num: 42

Candidate Starts for MelsMeow_57:

(37, 48735), (Start: 42 @48675 has 198 MA's), (45, 48636), (46, 48594), (48, 48519), (49, 48513), (55, 48474),

Gene: Mesh1_58 Start: 49168, Stop: 48878, Start Num: 42

Candidate Starts for Mesh1_58:

(Start: 36 @49243 has 59 MA's), (Start: 42 @49168 has 198 MA's), (45, 49129), (46, 49087), (48, 49012), (49, 49006), (55, 48967),

Gene: Mesmerelda_56 Start: 48608, Stop: 48318, Start Num: 42

Candidate Starts for Mesmerelda_56:

(Start: 36 @48683 has 59 MA's), (Start: 42 @48608 has 198 MA's), (45, 48569), (46, 48527), (48, 48452), (49, 48446), (55, 48407),

Gene: MetalQZJ_36 Start: 29105, Stop: 29389, Start Num: 43

Candidate Starts for MetalQZJ_36:

(Start: 43 @29105 has 575 MA's), (54, 29306),

Gene: MiaZeal_41 Start: 34704, Stop: 35000, Start Num: 43

Candidate Starts for MiaZeal_41:

(Start: 22 @34584 has 1 MA's), (30, 34602), (Start: 34 @34626 has 1 MA's), (Start: 43 @34704 has 575 MA's), (53, 34899),

Gene: MichaelPhcott_57 Start: 48553, Stop: 48263, Start Num: 42

Candidate Starts for MichaelPhcott_57:

(37, 48613), (Start: 42 @48553 has 198 MA's), (45, 48514), (46, 48472), (48, 48397), (49, 48391), (55, 48352),

Gene: Michley_36 Start: 28824, Stop: 29120, Start Num: 43

Candidate Starts for Michley_36:

(Start: 43 @28824 has 575 MA's), (51, 28998), (57, 29055),

Gene: Mikota_55 Start: 47933, Stop: 47643, Start Num: 42

Candidate Starts for Mikota_55:

(Start: 36 @48008 has 59 MA's), (Start: 42 @47933 has 198 MA's), (45, 47894), (46, 47852), (48, 47777), (49, 47771), (55, 47732),

Gene: MilleFeuille_33 Start: 28947, Stop: 29243, Start Num: 43

Candidate Starts for MilleFeuille_33:

(Start: 43 @28947 has 575 MA's), (51, 29121), (57, 29178),

Gene: MilleniumForce_27 Start: 26401, Stop: 26685, Start Num: 43

Candidate Starts for MilleniumForce_27:

(Start: 43 @26401 has 575 MA's), (54, 26602), (58, 26632),

Gene: Mindy_31 Start: 29061, Stop: 29345, Start Num: 43

Candidate Starts for Mindy_31:

(Start: 43 @29061 has 575 MA's), (46, 29145), (47, 29175), (54, 29262),

Gene: Minerva_47 Start: 39366, Stop: 39662, Start Num: 43

Candidate Starts for Minerva_47:

(Start: 43 @39366 has 575 MA's), (52, 39543), (57, 39597),

Gene: MiniBoss_55 Start: 47939, Stop: 47649, Start Num: 42
Candidate Starts for MiniBoss_55:
(Start: 36 @48014 has 59 MA's), (Start: 42 @47939 has 198 MA's), (45, 47900), (46, 47858), (48, 47783), (49, 47777), (55, 47738),

Gene: MinionDave_27 Start: 25824, Stop: 26108, Start Num: 43
Candidate Starts for MinionDave_27:
(Start: 43 @25824 has 575 MA's), (54, 26025), (58, 26055),

Gene: Miniwave_31 Start: 29480, Stop: 29764, Start Num: 43
Candidate Starts for Miniwave_31:
(Start: 43 @29480 has 575 MA's), (46, 29564), (47, 29594), (54, 29681),

Gene: Minnie_27 Start: 26139, Stop: 26423, Start Num: 43
Candidate Starts for Minnie_27:
(Start: 43 @26139 has 575 MA's), (54, 26340), (58, 26370),

Gene: Misfit_31 Start: 29370, Stop: 29654, Start Num: 43
Candidate Starts for Misfit_31:
(Start: 43 @29370 has 575 MA's), (46, 29454), (47, 29484), (54, 29571),

Gene: Misha28_27 Start: 25312, Stop: 25596, Start Num: 43
Candidate Starts for Misha28_27:
(Start: 43 @25312 has 575 MA's), (54, 25513), (58, 25543),

Gene: MisterCuddles_26 Start: 25408, Stop: 25704, Start Num: 43
Candidate Starts for MisterCuddles_26:
(Start: 43 @25408 has 575 MA's), (47, 25522), (50, 25579), (51, 25582), (55, 25615),

Gene: MitKao_57 Start: 48721, Stop: 48356, Start Num: 36
Candidate Starts for MitKao_57:
(Start: 36 @48721 has 59 MA's), (Start: 42 @48646 has 198 MA's), (45, 48607), (46, 48565), (48, 48490), (49, 48484), (55, 48445),

Gene: Mkhuseli_37 Start: 29022, Stop: 29318, Start Num: 43
Candidate Starts for Mkhuseli_37:
(Start: 43 @29022 has 575 MA's), (51, 29196), (57, 29253),

Gene: Modragons_26 Start: 25505, Stop: 25789, Start Num: 43
Candidate Starts for Modragons_26:
(Start: 43 @25505 has 575 MA's), (54, 25706),

Gene: Moldemort_32 Start: 29025, Stop: 29309, Start Num: 43
Candidate Starts for Moldemort_32:
(Start: 43 @29025 has 575 MA's), (46, 29109), (47, 29139), (54, 29226),

Gene: Molly_38 Start: 28928, Stop: 29224, Start Num: 43
Candidate Starts for Molly_38:
(Start: 43 @28928 has 575 MA's), (51, 29102),

Gene: MollyToe_31 Start: 29454, Stop: 29738, Start Num: 43
Candidate Starts for MollyToe_31:
(Start: 43 @29454 has 575 MA's), (46, 29538), (47, 29568), (54, 29655),

Gene: Monet_38 Start: 30367, Stop: 30651, Start Num: 43

Candidate Starts for Monet_38:

(Start: 43 @30367 has 575 MA's), (54, 30568),

Gene: MooMoo_23 Start: 24192, Stop: 24512, Start Num: 43

Candidate Starts for MooMoo_23:

(Start: 43 @24192 has 575 MA's), (59, 24441), (61, 24465),

Gene: Moonbeam_27 Start: 26094, Stop: 26378, Start Num: 43

Candidate Starts for Moonbeam_27:

(Start: 43 @26094 has 575 MA's), (54, 26295), (58, 26325),

Gene: Moose_36 Start: 29177, Stop: 29473, Start Num: 43

Candidate Starts for Moose_36:

(Start: 43 @29177 has 575 MA's), (52, 29354),

Gene: Morgushi_57 Start: 48635, Stop: 48345, Start Num: 42

Candidate Starts for Morgushi_57:

(Start: 36 @48710 has 59 MA's), (Start: 42 @48635 has 198 MA's), (45, 48596), (46, 48554), (48, 48479), (49, 48473), (55, 48434),

Gene: Morty_58 Start: 49157, Stop: 48867, Start Num: 42

Candidate Starts for Morty_58:

(Start: 36 @49232 has 59 MA's), (Start: 42 @49157 has 198 MA's), (45, 49118), (46, 49076), (48, 49001), (49, 48995), (55, 48956),

Gene: Mosaic_56 Start: 48640, Stop: 48350, Start Num: 42

Candidate Starts for Mosaic_56:

(Start: 36 @48715 has 59 MA's), (Start: 42 @48640 has 198 MA's), (45, 48601), (46, 48559), (48, 48484), (49, 48478), (55, 48439),

Gene: Mosby_30 Start: 28787, Stop: 29071, Start Num: 43

Candidate Starts for Mosby_30:

(Start: 43 @28787 has 575 MA's), (46, 28871), (47, 28901), (54, 28988),

Gene: Mova_27 Start: 25291, Stop: 25575, Start Num: 43

Candidate Starts for Mova_27:

(35, 25213), (Start: 43 @25291 has 575 MA's), (54, 25492), (58, 25522),

Gene: Mozy_27 Start: 25501, Stop: 25785, Start Num: 43

Candidate Starts for Mozy_27:

(Start: 43 @25501 has 575 MA's), (54, 25702), (58, 25732),

Gene: MrGordo_36 Start: 28687, Stop: 28983, Start Num: 43

Candidate Starts for MrGordo_36:

(Start: 43 @28687 has 575 MA's), (51, 28861), (57, 28918),

Gene: MrPhizzler_59 Start: 49102, Stop: 48812, Start Num: 42

Candidate Starts for MrPhizzler_59:

(37, 49162), (Start: 42 @49102 has 198 MA's), (45, 49063), (46, 49021), (48, 48946), (49, 48940), (55, 48901),

Gene: Mryolo_34 Start: 28703, Stop: 28987, Start Num: 43

Candidate Starts for Mryolo_34:

(Start: 43 @28703 has 575 MA's), (54, 28904),

Gene: Mulan_57 Start: 48949, Stop: 48584, Start Num: 36

Candidate Starts for Mulan_57:

(Start: 36 @48949 has 59 MA's), (Start: 42 @48874 has 198 MA's), (45, 48835), (46, 48793), (48, 48718), (49, 48712), (55, 48673),

Gene: MulchExplorer_29 Start: 26564, Stop: 26860, Start Num: 43

Candidate Starts for MulchExplorer_29:

(Start: 43 @26564 has 575 MA's), (52, 26741), (55, 26771), (57, 26795), (58, 26807),

Gene: Murdoc_56 Start: 48636, Stop: 48346, Start Num: 42

Candidate Starts for Murdoc_56:

(Start: 36 @48711 has 59 MA's), (Start: 42 @48636 has 198 MA's), (45, 48597), (46, 48555), (48, 48480), (49, 48474), (55, 48435),

Gene: Murica_30 Start: 29267, Stop: 29551, Start Num: 43

Candidate Starts for Murica_30:

(Start: 43 @29267 has 575 MA's), (46, 29351), (47, 29381), (54, 29468),

Gene: Murphy_32 Start: 29262, Stop: 29546, Start Num: 43

Candidate Starts for Murphy_32:

(Start: 43 @29262 has 575 MA's), (46, 29346), (47, 29376), (54, 29463),

Gene: Museum_38 Start: 29031, Stop: 29327, Start Num: 43

Candidate Starts for Museum_38:

(Start: 43 @29031 has 575 MA's), (51, 29205), (57, 29262),

Gene: Mutaforma13_26 Start: 25639, Stop: 25923, Start Num: 43

Candidate Starts for Mutaforma13_26:

(Start: 43 @25639 has 575 MA's), (54, 25840), (58, 25870),

Gene: Mutante_57 Start: 48646, Stop: 48356, Start Num: 42

Candidate Starts for Mutante_57:

(Start: 36 @48721 has 59 MA's), (Start: 42 @48646 has 198 MA's), (45, 48607), (46, 48565), (48, 48490), (49, 48484), (55, 48445),

Gene: Mwanjiwa_26 Start: 25551, Stop: 25835, Start Num: 43

Candidate Starts for Mwanjiwa_26:

(24, 25431), (27, 25437), (32, 25449), (Start: 43 @25551 has 575 MA's), (54, 25752),

Gene: Myrale_31 Start: 29146, Stop: 29430, Start Num: 43

Candidate Starts for Myrale_31:

(Start: 43 @29146 has 575 MA's), (46, 29230), (47, 29260), (54, 29347),

Gene: NEHalo_36 Start: 28925, Stop: 29209, Start Num: 43

Candidate Starts for NEHalo_36:

(Start: 43 @28925 has 575 MA's), (54, 29126),

Gene: Nacho_0058 Start: 49226, Stop: 48861, Start Num: 36

Candidate Starts for Nacho_0058:

(Start: 36 @49226 has 59 MA's), (Start: 42 @49151 has 198 MA's), (45, 49112), (46, 49070), (48, 48995), (49, 48989), (55, 48950),

Gene: Naira_37 Start: 30628, Stop: 30924, Start Num: 43

Candidate Starts for Naira_37:

(Start: 43 @30628 has 575 MA's), (51, 30802),

Gene: Nala_31 Start: 29301, Stop: 29585, Start Num: 43

Candidate Starts for Nala_31:

(Start: 43 @29301 has 575 MA's), (46, 29385), (47, 29415), (54, 29502),

Gene: Nathan_58 Start: 48727, Stop: 48437, Start Num: 42

Candidate Starts for Nathan_58:

(Start: 36 @48802 has 59 MA's), (Start: 42 @48727 has 198 MA's), (45, 48688), (46, 48646), (48, 48571), (49, 48565), (55, 48526),

Gene: Nebkiss_31 Start: 27982, Stop: 28281, Start Num: 43

Candidate Starts for Nebkiss_31:

(Start: 43 @27982 has 575 MA's), (49, 28150), (50, 28153), (51, 28156),

Gene: NelitzaMV_31 Start: 29351, Stop: 29635, Start Num: 43

Candidate Starts for NelitzaMV_31:

(Start: 43 @29351 has 575 MA's), (46, 29435), (47, 29465), (54, 29552),

Gene: Nerujay_37 Start: 29593, Stop: 29877, Start Num: 43

Candidate Starts for Nerujay_37:

(Start: 43 @29593 has 575 MA's), (54, 29794),

Gene: NewHope4_28 Start: 25641, Stop: 25925, Start Num: 43

Candidate Starts for NewHope4_28:

(21, 25521), (Start: 34 @25563 has 1 MA's), (Start: 43 @25641 has 575 MA's), (54, 25842), (58, 25872),

Gene: Newman_56 Start: 48706, Stop: 48341, Start Num: 36

Candidate Starts for Newman_56:

(Start: 36 @48706 has 59 MA's), (Start: 42 @48631 has 198 MA's), (45, 48592), (46, 48550), (48, 48475), (49, 48469), (55, 48430),

Gene: Nhonho_36 Start: 29331, Stop: 29615, Start Num: 43

Candidate Starts for Nhonho_36:

(Start: 43 @29331 has 575 MA's), (54, 29532),

Gene: Nibley_36 Start: 33535, Stop: 33831, Start Num: 43

Candidate Starts for Nibley_36:

(25, 33418), (26, 33421), (Start: 34 @33454 has 1 MA's), (Start: 43 @33535 has 575 MA's), (53, 33730),

Gene: Nicole21_58 Start: 48883, Stop: 48593, Start Num: 42

Candidate Starts for Nicole21_58:

(Start: 36 @48958 has 59 MA's), (Start: 42 @48883 has 198 MA's), (45, 48844), (46, 48802), (48, 48727), (49, 48721), (55, 48682),

Gene: Nimbo_26 Start: 25444, Stop: 25740, Start Num: 43

Candidate Starts for Nimbo_26:

(Start: 43 @25444 has 575 MA's), (46, 25528), (47, 25558), (48, 25606), (52, 25621), (53, 25639), (55, 25651), (57, 25675), (58, 25687),

Gene: Nimrod_31 Start: 29525, Stop: 29809, Start Num: 43

Candidate Starts for Nimrod_31:

(Start: 43 @29525 has 575 MA's), (46, 29609), (47, 29639), (54, 29726),

Gene: Nitzel_27 Start: 26173, Stop: 26457, Start Num: 43

Candidate Starts for Nitzel_27:

(Start: 43 @26173 has 575 MA's), (54, 26374), (58, 26404),

Gene: Nivrat_26 Start: 25604, Stop: 25888, Start Num: 43

Candidate Starts for Nivrat_26:

(Start: 43 @25604 has 575 MA's), (54, 25805), (58, 25835),

Gene: Niza_39 Start: 30222, Stop: 30506, Start Num: 43

Candidate Starts for Niza_39:

(Start: 43 @30222 has 575 MA's), (54, 30423),

Gene: NoSleep_32 Start: 29022, Stop: 29306, Start Num: 43

Candidate Starts for NoSleep_32:

(Start: 43 @29022 has 575 MA's), (46, 29106), (47, 29136), (54, 29223),

Gene: NonchalantPear_31 Start: 28975, Stop: 29259, Start Num: 43

Candidate Starts for NonchalantPear_31:

(Start: 43 @28975 has 575 MA's), (46, 29059), (47, 29089), (54, 29176),

Gene: NormanBulbieJr_26 Start: 25619, Stop: 25903, Start Num: 43

Candidate Starts for NormanBulbieJr_26:

(Start: 43 @25619 has 575 MA's), (54, 25820), (58, 25850),

Gene: Norz_38 Start: 29867, Stop: 30163, Start Num: 43

Candidate Starts for Norz_38:

(Start: 43 @29867 has 575 MA's), (51, 30041), (57, 30098),

Gene: Noxious_38 Start: 30464, Stop: 30760, Start Num: 43

Candidate Starts for Noxious_38:

(Start: 43 @30464 has 575 MA's), (51, 30638), (57, 30695),

Gene: Numberten_56 Start: 48626, Stop: 48336, Start Num: 43

Candidate Starts for Numberten_56:

(37, 48686), (Start: 43 @48626 has 575 MA's), (45, 48587), (46, 48545), (48, 48470), (49, 48464), (55, 48425),

Gene: Nyala_56 Start: 48677, Stop: 48312, Start Num: 36

Candidate Starts for Nyala_56:

(Start: 36 @48677 has 59 MA's), (Start: 42 @48602 has 198 MA's), (45, 48563), (46, 48521), (48, 48446), (49, 48440), (55, 48401),

Gene: OSmaximus_58 Start: 49190, Stop: 48900, Start Num: 42

Candidate Starts for OSmaximus_58:

(Start: 36 @49265 has 59 MA's), (Start: 42 @49190 has 198 MA's), (45, 49151), (46, 49109), (48, 49034), (49, 49028), (55, 48989),

Gene: OfUltron_26 Start: 25661, Stop: 25945, Start Num: 43
Candidate Starts for OfUltron_26:
(Start: 43 @25661 has 575 MA's), (54, 25862),

Gene: Ogopogo_26 Start: 24811, Stop: 25095, Start Num: 43
Candidate Starts for Ogopogo_26:
(5, 24322), (35, 24733), (Start: 43 @24811 has 575 MA's), (54, 25012),

Gene: Ohno789_36 Start: 28986, Stop: 29270, Start Num: 43
Candidate Starts for Ohno789_36:
(Start: 43 @28986 has 575 MA's), (54, 29187),

Gene: Olak_56 Start: 48605, Stop: 48315, Start Num: 42
Candidate Starts for Olak_56:
(Start: 36 @48680 has 59 MA's), (Start: 42 @48605 has 198 MA's), (45, 48566), (46, 48524), (48, 48449), (49, 48443), (55, 48404),

Gene: OldBen_26 Start: 25403, Stop: 25699, Start Num: 43
Candidate Starts for OldBen_26:
(Start: 43 @25403 has 575 MA's), (47, 25517), (50, 25574), (51, 25577), (55, 25610),

Gene: Oline_57 Start: 48500, Stop: 48210, Start Num: 42
Candidate Starts for Oline_57:
(37, 48560), (Start: 42 @48500 has 198 MA's), (45, 48461), (46, 48419), (48, 48344), (49, 48338), (55, 48299),

Gene: Olive_56 Start: 48616, Stop: 48326, Start Num: 43
Candidate Starts for Olive_56:
(Start: 43 @48616 has 575 MA's), (45, 48577), (46, 48535), (48, 48460), (49, 48454), (55, 48415),

Gene: OliverWalter_56 Start: 48637, Stop: 48347, Start Num: 42
Candidate Starts for OliverWalter_56:
(Start: 36 @48712 has 59 MA's), (Start: 42 @48637 has 198 MA's), (45, 48598), (46, 48556), (48, 48481), (49, 48475), (55, 48436),

Gene: OlympiaSaint_26 Start: 25819, Stop: 26115, Start Num: 43
Candidate Starts for OlympiaSaint_26:
(Start: 43 @25819 has 575 MA's), (47, 25933), (50, 25990), (51, 25993), (55, 26026),

Gene: Omega_46 Start: 39642, Stop: 39938, Start Num: 43
Candidate Starts for Omega_46:
(27, 39531), (Start: 34 @39564 has 1 MA's), (Start: 43 @39642 has 575 MA's), (53, 39837),

Gene: Omniscient_58 Start: 49464, Stop: 49174, Start Num: 43
Candidate Starts for Omniscient_58:
(37, 49524), (Start: 43 @49464 has 575 MA's), (45, 49425), (46, 49383), (48, 49308), (49, 49302), (55, 49263),

Gene: Oogway_35 Start: 28511, Stop: 28807, Start Num: 43
Candidate Starts for Oogway_35:

(Start: 43 @28511 has 575 MA's), (51, 28685),

Gene: Oosterbaan_57 Start: 48926, Stop: 48636, Start Num: 42

Candidate Starts for Oosterbaan_57:

(Start: 36 @49001 has 59 MA's), (Start: 42 @48926 has 198 MA's), (45, 48887), (46, 48845), (48, 48770), (49, 48764), (55, 48725),

Gene: Optimus_45 Start: 38810, Stop: 39106, Start Num: 43

Candidate Starts for Optimus_45:

(26, 38702), (Start: 43 @38810 has 575 MA's), (47, 38924), (53, 39005),

Gene: Orfeu_55 Start: 48599, Stop: 48309, Start Num: 42

Candidate Starts for Orfeu_55:

(Start: 36 @48674 has 59 MA's), (Start: 42 @48599 has 198 MA's), (45, 48560), (46, 48518), (48, 48443), (49, 48437), (55, 48398),

Gene: Orion_58 Start: 48588, Stop: 48298, Start Num: 42

Candidate Starts for Orion_58:

(Start: 36 @48663 has 59 MA's), (Start: 42 @48588 has 198 MA's), (45, 48549), (46, 48507), (48, 48432), (49, 48426), (55, 48387),

Gene: OrionPax_32 Start: 29028, Stop: 29312, Start Num: 43

Candidate Starts for OrionPax_32:

(Start: 43 @29028 has 575 MA's), (46, 29112), (47, 29142), (54, 29229),

Gene: Orwigg_57 Start: 48568, Stop: 48278, Start Num: 42

Candidate Starts for Orwigg_57:

(Start: 36 @48643 has 59 MA's), (Start: 42 @48568 has 198 MA's), (45, 48529), (46, 48487), (48, 48412), (49, 48406), (55, 48367),

Gene: Ovechkin_26 Start: 25596, Stop: 25880, Start Num: 43

Candidate Starts for Ovechkin_26:

(Start: 43 @25596 has 575 MA's), (54, 25797), (58, 25827),

Gene: OwlsT2W_28 Start: 25890, Stop: 26174, Start Num: 43

Candidate Starts for OwlsT2W_28:

(Start: 43 @25890 has 575 MA's), (54, 26091),

Gene: PG1_58 Start: 49159, Stop: 48869, Start Num: 42

Candidate Starts for PG1_58:

(Start: 36 @49234 has 59 MA's), (Start: 42 @49159 has 198 MA's), (45, 49120), (46, 49078), (48, 49003), (49, 48997), (55, 48958),

Gene: PHappiness_26 Start: 25418, Stop: 25714, Start Num: 43

Candidate Starts for PHappiness_26:

(Start: 43 @25418 has 575 MA's), (46, 25502), (47, 25532), (48, 25580), (52, 25595), (53, 25613), (55, 25625), (57, 25649), (58, 25661),

Gene: PMC_26 Start: 25428, Stop: 25712, Start Num: 43

Candidate Starts for PMC_26:

(Start: 43 @25428 has 575 MA's), (54, 25629), (58, 25659),

Gene: PSullivan_35 Start: 28147, Stop: 28443, Start Num: 43

Candidate Starts for PSullivan_35:
(Start: 43 @28147 has 575 MA's), (51, 28321),

Gene: Pacc40_26 Start: 25608, Stop: 25892, Start Num: 43
Candidate Starts for Pacc40_26:
(Start: 43 @25608 has 575 MA's), (54, 25809), (58, 25839),

Gene: PacerPaul_37 Start: 28973, Stop: 29269, Start Num: 43
Candidate Starts for PacerPaul_37:
(Start: 43 @28973 has 575 MA's), (51, 29147),

Gene: Pacifista_56 Start: 48601, Stop: 48311, Start Num: 42
Candidate Starts for Pacifista_56:
(Start: 36 @48676 has 59 MA's), (Start: 42 @48601 has 198 MA's), (45, 48562), (46, 48520), (48, 48445), (49, 48439), (55, 48400),

Gene: PallasAthena_59 Start: 48645, Stop: 48355, Start Num: 42
Candidate Starts for PallasAthena_59:
(Start: 36 @48720 has 59 MA's), (Start: 42 @48645 has 198 MA's), (45, 48606), (46, 48564), (48, 48489), (49, 48483), (55, 48444),

Gene: Palpatine_31 Start: 29297, Stop: 29581, Start Num: 43
Candidate Starts for Palpatine_31:
(Start: 43 @29297 has 575 MA's), (46, 29381), (47, 29411), (54, 29498),

Gene: Paperbeatsrock_33 Start: 30263, Stop: 30547, Start Num: 43
Candidate Starts for Paperbeatsrock_33:
(Start: 43 @30263 has 575 MA's), (46, 30347), (47, 30377), (54, 30464),

Gene: Papez_38 Start: 30658, Stop: 30954, Start Num: 43
Candidate Starts for Papez_38:
(Start: 43 @30658 has 575 MA's), (51, 30832), (57, 30889),

Gene: Paphu_35 Start: 28853, Stop: 29149, Start Num: 43
Candidate Starts for Paphu_35:
(Start: 43 @28853 has 575 MA's), (51, 29027), (57, 29084),

Gene: Paraselene_35 Start: 29328, Stop: 29612, Start Num: 43
Candidate Starts for Paraselene_35:
(Start: 43 @29328 has 575 MA's), (54, 29529),

Gene: Pari_37 Start: 28704, Stop: 28988, Start Num: 43
Candidate Starts for Pari_37:
(Start: 43 @28704 has 575 MA's), (54, 28905),

Gene: Parliament_35 Start: 29068, Stop: 29364, Start Num: 43
Candidate Starts for Parliament_35:
(Start: 43 @29068 has 575 MA's), (51, 29242), (57, 29299),

Gene: PascalRango_37 Start: 29013, Stop: 29309, Start Num: 43
Candidate Starts for PascalRango_37:
(Start: 43 @29013 has 575 MA's), (51, 29187),

Gene: Pat3_30 Start: 28009, Stop: 28293, Start Num: 43
Candidate Starts for Pat3_30:
(Start: 43 @28009 has 575 MA's), (46, 28093), (47, 28123), (54, 28210),

Gene: PatoPoderoso_26 Start: 25630, Stop: 25914, Start Num: 43
Candidate Starts for PatoPoderoso_26:
(Start: 43 @25630 has 575 MA's), (54, 25831),

Gene: PattyP_38 Start: 29240, Stop: 29536, Start Num: 43
Candidate Starts for PattyP_38:
(Start: 43 @29240 has 575 MA's), (51, 29414),

Gene: Payneful_36 Start: 28646, Stop: 28942, Start Num: 43
Candidate Starts for Payneful_36:
(Start: 43 @28646 has 575 MA's), (51, 28820),

Gene: Peridot_29 Start: 25252, Stop: 25536, Start Num: 43
Candidate Starts for Peridot_29:
(Start: 43 @25252 has 575 MA's), (54, 25453), (58, 25483),

Gene: Perseus_38 Start: 30012, Stop: 30296, Start Num: 43
Candidate Starts for Perseus_38:
(Start: 43 @30012 has 575 MA's), (54, 30213),

Gene: Petp2012_38 Start: 29911, Stop: 30207, Start Num: 43
Candidate Starts for Petp2012_38:
(Start: 43 @29911 has 575 MA's), (51, 30085),

Gene: Petra64142_33 Start: 29743, Stop: 30027, Start Num: 43
Candidate Starts for Petra64142_33:
(Start: 43 @29743 has 575 MA's), (46, 29827), (47, 29857), (54, 29944),

Gene: Petruchio_37 Start: 29238, Stop: 29522, Start Num: 43
Candidate Starts for Petruchio_37:
(Start: 43 @29238 has 575 MA's), (54, 29439),

Gene: Phaja_31 Start: 29459, Stop: 29743, Start Num: 43
Candidate Starts for Phaja_31:
(Start: 43 @29459 has 575 MA's), (46, 29543), (47, 29573), (54, 29660),

Gene: Phalconet_26 Start: 25515, Stop: 25811, Start Num: 43
Candidate Starts for Phalconet_26:
(Start: 43 @25515 has 575 MA's), (51, 25689), (57, 25746),

Gene: Phamished_58 Start: 48683, Stop: 48318, Start Num: 36
Candidate Starts for Phamished_58:
(Start: 36 @48683 has 59 MA's), (Start: 42 @48608 has 198 MA's), (45, 48569), (46, 48527), (48, 48452), (49, 48446), (55, 48407),

Gene: Phanphagia_23 Start: 24598, Stop: 24882, Start Num: 43
Candidate Starts for Phanphagia_23:
(Start: 43 @24598 has 575 MA's), (54, 24799), (58, 24829),

Gene: Phareon_56 Start: 48398, Stop: 48033, Start Num: 36
Candidate Starts for Phareon_56:
(Start: 36 @48398 has 59 MA's), (Start: 42 @48323 has 198 MA's), (45, 48284), (46, 48242), (48, 48167), (49, 48161), (55, 48122),

Gene: Pharsalus_32 Start: 30063, Stop: 30347, Start Num: 43
Candidate Starts for Pharsalus_32:
(Start: 43 @30063 has 575 MA's), (46, 30147), (47, 30177), (54, 30264),

Gene: Phasih_27 Start: 25982, Stop: 26278, Start Num: 43
Candidate Starts for Phasih_27:
(Start: 43 @25982 has 575 MA's), (47, 26096), (50, 26153), (51, 26156), (55, 26189),

Gene: PhatBacter_31 Start: 29311, Stop: 29595, Start Num: 43
Candidate Starts for PhatBacter_31:
(Start: 43 @29311 has 575 MA's), (46, 29395), (47, 29425), (54, 29512),

Gene: PhatCats2014_58 Start: 49163, Stop: 48873, Start Num: 42
Candidate Starts for PhatCats2014_58:
(Start: 36 @49238 has 59 MA's), (38, 49220), (Start: 42 @49163 has 198 MA's), (45, 49124), (46, 49082), (48, 49007), (49, 49001), (55, 48962),

Gene: PhatLouie_58 Start: 48939, Stop: 48649, Start Num: 43
Candidate Starts for PhatLouie_58:
(37, 48999), (Start: 43 @48939 has 575 MA's), (45, 48900), (46, 48858), (48, 48783), (49, 48777), (55, 48738),

Gene: Phatniss_27 Start: 25945, Stop: 26229, Start Num: 43
Candidate Starts for Phatniss_27:
(Start: 43 @25945 has 575 MA's), (54, 26146), (58, 26176),

Gene: Phaux_30 Start: 29309, Stop: 29593, Start Num: 43
Candidate Starts for Phaux_30:
(Start: 43 @29309 has 575 MA's), (46, 29393), (47, 29423), (54, 29510),

Gene: PhenghisKhan_57 Start: 48559, Stop: 48269, Start Num: 42
Candidate Starts for PhenghisKhan_57:
(37, 48619), (Start: 42 @48559 has 198 MA's), (45, 48520), (46, 48478), (48, 48403), (49, 48397), (55, 48358),

Gene: Pherdinand_58 Start: 48618, Stop: 48328, Start Num: 42
Candidate Starts for Pherdinand_58:
(Start: 36 @48693 has 59 MA's), (Start: 42 @48618 has 198 MA's), (45, 48579), (46, 48537), (48, 48462), (49, 48456), (55, 48417),

Gene: Phergie_58 Start: 48551, Stop: 48261, Start Num: 42
Candidate Starts for Phergie_58:
(37, 48611), (Start: 42 @48551 has 198 MA's), (45, 48512), (46, 48470), (48, 48395), (49, 48389), (55, 48350),

Gene: PherrisBueller_37 Start: 28814, Stop: 29098, Start Num: 43
Candidate Starts for PherrisBueller_37:
(Start: 43 @28814 has 575 MA's), (54, 29015),

Gene: PhesterPhotato_26 Start: 25435, Stop: 25731, Start Num: 43
Candidate Starts for PhesterPhotato_26:
(29, 25327), (Start: 43 @25435 has 575 MA's), (51, 25609), (57, 25666),

Gene: Philus_26 Start: 25442, Stop: 25738, Start Num: 43
Candidate Starts for Philus_26:
(Start: 43 @25442 has 575 MA's), (47, 25556), (50, 25613), (51, 25616), (55, 25649),

Gene: PhineBark_35 Start: 29871, Stop: 30167, Start Num: 43
Candidate Starts for PhineBark_35:
(Start: 43 @29871 has 575 MA's), (51, 30045), (57, 30102),

Gene: Phipps_57 Start: 48436, Stop: 48146, Start Num: 42
Candidate Starts for Phipps_57:
(Start: 36 @48511 has 59 MA's), (Start: 42 @48436 has 198 MA's), (45, 48397), (46, 48355), (48, 48280), (49, 48274), (55, 48235),

Gene: Phleuron_57 Start: 48556, Stop: 48266, Start Num: 42
Candidate Starts for Phleuron_57:
(37, 48616), (Start: 42 @48556 has 198 MA's), (45, 48517), (46, 48475), (48, 48400), (49, 48394), (55, 48355),

Gene: PhlipPhlop_26 Start: 25511, Stop: 25807, Start Num: 43
Candidate Starts for PhlipPhlop_26:
(Start: 43 @25511 has 575 MA's), (47, 25625), (50, 25682), (51, 25685), (55, 25718),

Gene: PhrankReynolds_56 Start: 48556, Stop: 48266, Start Num: 42
Candidate Starts for PhrankReynolds_56:
(37, 48616), (Start: 42 @48556 has 198 MA's), (45, 48517), (46, 48475), (48, 48400), (49, 48394), (55, 48355),

Gene: PhrodoBaggins_58 Start: 49024, Stop: 48734, Start Num: 42
Candidate Starts for PhrodoBaggins_58:
(Start: 36 @49099 has 59 MA's), (Start: 42 @49024 has 198 MA's), (45, 48985), (46, 48943), (48, 48868), (49, 48862), (55, 48823),

Gene: PhrostyMug_37 Start: 29175, Stop: 29459, Start Num: 43
Candidate Starts for PhrostyMug_37:
(Start: 43 @29175 has 575 MA's), (54, 29376),

Gene: Phrux_31 Start: 29024, Stop: 29308, Start Num: 43
Candidate Starts for Phrux_31:
(Start: 43 @29024 has 575 MA's), (46, 29108), (47, 29138), (54, 29225),

Gene: Phunky_56 Start: 48620, Stop: 48330, Start Num: 42
Candidate Starts for Phunky_56:
(Start: 36 @48695 has 59 MA's), (Start: 42 @48620 has 198 MA's), (45, 48581), (46, 48539), (48, 48464), (49, 48458), (55, 48419),

Gene: Piglet_0057 Start: 49211, Stop: 48846, Start Num: 36
Candidate Starts for Piglet_0057:

(Start: 36 @49211 has 59 MA's), (Start: 42 @49136 has 198 MA's), (45, 49097), (46, 49055), (48, 48980), (49, 48974), (55, 48935),

Gene: PinheadLarry_58 Start: 49161, Stop: 48871, Start Num: 42

Candidate Starts for PinheadLarry_58:

(Start: 36 @49236 has 59 MA's), (Start: 42 @49161 has 198 MA's), (45, 49122), (46, 49080), (48, 49005), (49, 48999), (55, 48960),

Gene: PinkPlastic_35 Start: 28758, Stop: 29054, Start Num: 43

Candidate Starts for PinkPlastic_35:

(Start: 43 @28758 has 575 MA's), (51, 28932), (57, 28989),

Gene: Pinkman_56 Start: 48494, Stop: 48204, Start Num: 42

Candidate Starts for Pinkman_56:

(37, 48554), (Start: 42 @48494 has 198 MA's), (45, 48455), (46, 48413), (48, 48338), (49, 48332), (55, 48293),

Gene: Piper2020_28 Start: 26035, Stop: 26331, Start Num: 43

Candidate Starts for Piper2020_28:

(23, 25915), (31, 25933), (35, 25957), (Start: 43 @26035 has 575 MA's), (47, 26149), (50, 26206), (51, 26209), (55, 26242),

Gene: Pippin_38 Start: 29322, Stop: 29618, Start Num: 43

Candidate Starts for Pippin_38:

(Start: 43 @29322 has 575 MA's), (51, 29496), (57, 29553),

Gene: Pipsqueak_56 Start: 48724, Stop: 48359, Start Num: 36

Candidate Starts for Pipsqueak_56:

(Start: 36 @48724 has 59 MA's), (Start: 42 @48649 has 198 MA's), (45, 48610), (46, 48568), (48, 48493), (49, 48487), (55, 48448),

Gene: Pita2_38 Start: 29644, Stop: 29940, Start Num: 43

Candidate Starts for Pita2_38:

(Start: 43 @29644 has 575 MA's), (51, 29818),

Gene: Placalicious_57 Start: 49151, Stop: 48861, Start Num: 42

Candidate Starts for Placalicious_57:

(Start: 36 @49226 has 59 MA's), (Start: 42 @49151 has 198 MA's), (45, 49112), (46, 49070), (48, 48995), (49, 48989), (55, 48950),

Gene: Plata_57 Start: 48647, Stop: 48357, Start Num: 42

Candidate Starts for Plata_57:

(Start: 36 @48722 has 59 MA's), (Start: 42 @48647 has 198 MA's), (45, 48608), (46, 48566), (48, 48491), (49, 48485), (55, 48446),

Gene: Plmatters_56 Start: 48623, Stop: 48333, Start Num: 43

Candidate Starts for Plmatters_56:

(37, 48683), (Start: 43 @48623 has 575 MA's), (45, 48584), (46, 48542), (48, 48467), (49, 48461), (55, 48422),

Gene: Plumbus_27 Start: 25271, Stop: 25555, Start Num: 43

Candidate Starts for Plumbus_27:

(Start: 43 @25271 has 575 MA's), (54, 25472), (58, 25502),

Gene: Podrick_55 Start: 48035, Stop: 47670, Start Num: 36

Candidate Starts for Podrick_55:

(Start: 36 @48035 has 59 MA's), (Start: 42 @47960 has 198 MA's), (45, 47921), (46, 47879), (48, 47804), (49, 47798), (55, 47759),

Gene: Poenanya_26 Start: 25549, Stop: 25845, Start Num: 43

Candidate Starts for Poenanya_26:

(Start: 43 @25549 has 575 MA's), (47, 25663), (50, 25720), (51, 25723), (55, 25756),

Gene: Policronamos_31 Start: 29309, Stop: 29593, Start Num: 43

Candidate Starts for Policronamos_31:

(Start: 43 @29309 has 575 MA's), (46, 29393), (47, 29423), (54, 29510),

Gene: Polka14_27 Start: 25979, Stop: 26263, Start Num: 43

Candidate Starts for Polka14_27:

(Start: 43 @25979 has 575 MA's), (54, 26180), (58, 26210),

Gene: Pollywog_26 Start: 25681, Stop: 25977, Start Num: 43

Candidate Starts for Pollywog_26:

(Start: 43 @25681 has 575 MA's), (47, 25795), (48, 25843), (52, 25858), (53, 25876), (55, 25888), (57, 25912), (58, 25924),

Gene: Polo2Bam_30 Start: 25615, Stop: 25899, Start Num: 43

Candidate Starts for Polo2Bam_30:

(Start: 43 @25615 has 575 MA's), (54, 25816), (58, 25846),

Gene: PopTart_26 Start: 25639, Stop: 25923, Start Num: 43

Candidate Starts for PopTart_26:

(Start: 43 @25639 has 575 MA's), (54, 25840), (58, 25870),

Gene: Pops_56 Start: 48608, Stop: 48318, Start Num: 42

Candidate Starts for Pops_56:

(Start: 42 @48608 has 198 MA's), (45, 48569), (46, 48527), (48, 48452), (49, 48446), (55, 48407),

Gene: Porcelain_40 Start: 34704, Stop: 35000, Start Num: 43

Candidate Starts for Porcelain_40:

(Start: 22 @34584 has 1 MA's), (30, 34602), (Start: 34 @34626 has 1 MA's), (Start: 43 @34704 has 575 MA's), (53, 34899),

Gene: Porky_31 Start: 29120, Stop: 29404, Start Num: 43

Candidate Starts for Porky_31:

(Start: 43 @29120 has 575 MA's), (46, 29204), (47, 29234), (54, 29321),

Gene: Potter_56 Start: 48657, Stop: 48367, Start Num: 42

Candidate Starts for Potter_56:

(Start: 36 @48732 has 59 MA's), (Start: 42 @48657 has 198 MA's), (45, 48618), (46, 48576), (48, 48501), (49, 48495), (55, 48456),

Gene: Prickles_58 Start: 48915, Stop: 48625, Start Num: 42

Candidate Starts for Prickles_58:

(Start: 36 @48990 has 59 MA's), (Start: 42 @48915 has 198 MA's), (45, 48876), (46, 48834), (48, 48759), (49, 48753), (55, 48714),

Gene: Priscilla_26 Start: 25633, Stop: 25929, Start Num: 43

Candidate Starts for Priscilla_26:

(Start: 43 @25633 has 575 MA's), (47, 25747), (50, 25804), (51, 25807), (55, 25840),

Gene: ProfessorX_56 Start: 48615, Stop: 48325, Start Num: 42

Candidate Starts for ProfessorX_56:

(Start: 36 @48690 has 59 MA's), (Start: 42 @48615 has 198 MA's), (45, 48576), (46, 48534), (48, 48459), (49, 48453), (55, 48414),

Gene: Ptowny_32 Start: 28665, Stop: 28949, Start Num: 43

Candidate Starts for Ptowny_32:

(Start: 43 @28665 has 575 MA's), (46, 28749), (47, 28779), (54, 28866),

Gene: Puhltonio_57 Start: 48931, Stop: 48641, Start Num: 42

Candidate Starts for Puhltonio_57:

(Start: 36 @49006 has 59 MA's), (Start: 42 @48931 has 198 MA's), (45, 48892), (46, 48850), (48, 48775), (49, 48769), (55, 48730),

Gene: Pumpkin_33 Start: 29360, Stop: 29644, Start Num: 43

Candidate Starts for Pumpkin_33:

(Start: 43 @29360 has 575 MA's), (46, 29444), (47, 29474), (54, 29561),

Gene: Puppet_36 Start: 29012, Stop: 29308, Start Num: 43

Candidate Starts for Puppet_36:

(Start: 43 @29012 has 575 MA's), (51, 29186),

Gene: QTRLifeCrisis_37 Start: 29734, Stop: 30018, Start Num: 43

Candidate Starts for QTRLifeCrisis_37:

(Start: 43 @29734 has 575 MA's), (54, 29935),

Gene: Qualification_32 Start: 29489, Stop: 29773, Start Num: 43

Candidate Starts for Qualification_32:

(Start: 43 @29489 has 575 MA's), (46, 29573), (47, 29603), (54, 29690),

Gene: QueenBeane_57 Start: 48921, Stop: 48631, Start Num: 42

Candidate Starts for QueenBeane_57:

(Start: 36 @48996 has 59 MA's), (Start: 42 @48921 has 198 MA's), (45, 48882), (46, 48840), (48, 48765), (49, 48759), (55, 48720),

Gene: QuickMath_27 Start: 26788, Stop: 27084, Start Num: 43

Candidate Starts for QuickMath_27:

(Start: 43 @26788 has 575 MA's), (52, 26965), (55, 26995), (57, 27019), (58, 27031),

Gene: Quico_27 Start: 25263, Stop: 25547, Start Num: 43

Candidate Starts for Quico_27:

(Start: 43 @25263 has 575 MA's), (54, 25464), (58, 25494),

Gene: Quisquiliae_58 Start: 48999, Stop: 48634, Start Num: 36

Candidate Starts for Quisquiliae_58:

(Start: 36 @48999 has 59 MA's), (Start: 42 @48924 has 198 MA's), (45, 48885), (46, 48843), (48, 48768), (49, 48762), (55, 48723),

Gene: Radiance_26 Start: 25541, Stop: 25837, Start Num: 43
Candidate Starts for Radiance_26:
(Start: 43 @25541 has 575 MA's), (47, 25655), (50, 25712), (51, 25715), (55, 25748),

Gene: Raid_37 Start: 29159, Stop: 29443, Start Num: 43
Candidate Starts for Raid_37:
(Start: 43 @29159 has 575 MA's), (54, 29360),

Gene: Rajelicia_35 Start: 28855, Stop: 29151, Start Num: 43
Candidate Starts for Rajelicia_35:
(Start: 43 @28855 has 575 MA's), (50, 29026), (55, 29062),

Gene: Rakim_32 Start: 29389, Stop: 29673, Start Num: 43
Candidate Starts for Rakim_32:
(Start: 43 @29389 has 575 MA's), (46, 29473), (47, 29503), (54, 29590),

Gene: Ramsey_27 Start: 25472, Stop: 25756, Start Num: 43
Candidate Starts for Ramsey_27:
(Start: 43 @25472 has 575 MA's), (54, 25673), (58, 25703),

Gene: RedBird_26 Start: 25373, Stop: 25657, Start Num: 43
Candidate Starts for RedBird_26:
(Start: 43 @25373 has 575 MA's), (54, 25574), (58, 25604),

Gene: RedMaple_58 Start: 49157, Stop: 48867, Start Num: 42
Candidate Starts for RedMaple_58:
(Start: 36 @49232 has 59 MA's), (Start: 42 @49157 has 198 MA's), (45, 49118), (46, 49076), (48, 49001), (49, 48995), (55, 48956),

Gene: RedRaider89_58 Start: 48848, Stop: 48558, Start Num: 42
Candidate Starts for RedRaider89_58:
(Start: 36 @48923 has 59 MA's), (Start: 42 @48848 has 198 MA's), (45, 48809), (46, 48767), (48, 48692), (49, 48686), (55, 48647),

Gene: Renaud18_26 Start: 25637, Stop: 25921, Start Num: 43
Candidate Starts for Renaud18_26:
(Start: 43 @25637 has 575 MA's), (54, 25838),

Gene: Rhynn_36 Start: 29168, Stop: 29452, Start Num: 43
Candidate Starts for Rhynn_36:
(Start: 43 @29168 has 575 MA's), (54, 29369),

Gene: Rialto_28 Start: 26069, Stop: 26365, Start Num: 43
Candidate Starts for Rialto_28:
(Start: 43 @26069 has 575 MA's), (47, 26183), (50, 26240), (51, 26243), (55, 26276),

Gene: Ricotta_56 Start: 48614, Stop: 48324, Start Num: 42
Candidate Starts for Ricotta_56:
(Start: 36 @48689 has 59 MA's), (Start: 42 @48614 has 198 MA's), (45, 48575), (46, 48533), (48, 48458), (49, 48452), (55, 48413),

Gene: RidgeCB_36 Start: 28745, Stop: 29041, Start Num: 43
Candidate Starts for RidgeCB_36:

(Start: 43 @28745 has 575 MA's), (51, 28919),

Gene: Riggan_58 Start: 48914, Stop: 48624, Start Num: 42

Candidate Starts for Riggan_58:

(Start: 36 @48989 has 59 MA's), (Start: 42 @48914 has 198 MA's), (45, 48875), (46, 48833), (48, 48758), (49, 48752), (55, 48713),

Gene: Rimmer_30 Start: 28849, Stop: 29133, Start Num: 43

Candidate Starts for Rimmer_30:

(Start: 43 @28849 has 575 MA's), (46, 28933), (47, 28963), (54, 29050),

Gene: Rimu_57 Start: 49123, Stop: 48833, Start Num: 42

Candidate Starts for Rimu_57:

(37, 49183), (Start: 42 @49123 has 198 MA's), (45, 49084), (46, 49042), (48, 48967), (49, 48961), (55, 48922),

Gene: Ringer_37 Start: 29563, Stop: 29847, Start Num: 43

Candidate Starts for Ringer_37:

(Start: 43 @29563 has 575 MA's), (54, 29764),

Gene: Rita_26 Start: 25439, Stop: 25735, Start Num: 43

Candidate Starts for Rita_26:

(Start: 43 @25439 has 575 MA's), (50, 25610), (51, 25613), (55, 25646),

Gene: RitaG_26 Start: 25663, Stop: 25947, Start Num: 43

Candidate Starts for RitaG_26:

(Start: 43 @25663 has 575 MA's), (54, 25864), (58, 25894),

Gene: RiverMonster_31 Start: 29038, Stop: 29322, Start Num: 43

Candidate Starts for RiverMonster_31:

(Start: 43 @29038 has 575 MA's), (46, 29122), (47, 29152), (54, 29239),

Gene: Riverton_55 Start: 48717, Stop: 48352, Start Num: 36

Candidate Starts for Riverton_55:

(Start: 36 @48717 has 59 MA's), (Start: 42 @48642 has 198 MA's), (45, 48603), (46, 48561), (48, 48486), (49, 48480), (55, 48441),

Gene: Robyn_56 Start: 48560, Stop: 48270, Start Num: 42

Candidate Starts for Robyn_56:

(Start: 36 @48635 has 59 MA's), (Start: 42 @48560 has 198 MA's), (45, 48521), (46, 48479), (48, 48404), (49, 48398), (55, 48359),

Gene: Rockne_26 Start: 25428, Stop: 25712, Start Num: 43

Candidate Starts for Rockne_26:

(Start: 43 @25428 has 575 MA's), (54, 25629), (58, 25659),

Gene: RockyHorror_27 Start: 25296, Stop: 25580, Start Num: 43

Candidate Starts for RockyHorror_27:

(Start: 22 @25176 has 1 MA's), (35, 25218), (Start: 43 @25296 has 575 MA's), (54, 25497),

Gene: Rohr_37 Start: 29178, Stop: 29474, Start Num: 43

Candidate Starts for Rohr_37:

(Start: 43 @29178 has 575 MA's), (51, 29352), (57, 29409),

Gene: Roliet_55 Start: 47957, Stop: 47667, Start Num: 42

Candidate Starts for Roliet_55:

(Start: 36 @48032 has 59 MA's), (Start: 42 @47957 has 198 MA's), (45, 47918), (46, 47876), (48, 47801), (49, 47795), (55, 47756),

Gene: Roscoe_57 Start: 48860, Stop: 48570, Start Num: 42

Candidate Starts for Roscoe_57:

(Start: 36 @48935 has 59 MA's), (Start: 42 @48860 has 198 MA's), (45, 48821), (46, 48779), (48, 48704), (49, 48698), (55, 48659),

Gene: Roy17_56 Start: 48389, Stop: 48024, Start Num: 36

Candidate Starts for Roy17_56:

(Start: 36 @48389 has 59 MA's), (Start: 42 @48314 has 198 MA's), (45, 48275), (46, 48233), (48, 48158), (49, 48152), (55, 48113),

Gene: Royals2015_26 Start: 25519, Stop: 25803, Start Num: 43

Candidate Starts for Royals2015_26:

(Start: 43 @25519 has 575 MA's), (54, 25720), (58, 25750),

Gene: Ruby_26 Start: 25408, Stop: 25704, Start Num: 43

Candidate Starts for Ruby_26:

(Start: 43 @25408 has 575 MA's), (47, 25522), (50, 25579), (51, 25582), (55, 25615),

Gene: Rufus_38 Start: 29521, Stop: 29805, Start Num: 43

Candidate Starts for Rufus_38:

(Start: 43 @29521 has 575 MA's), (54, 29722),

Gene: Ruotula_36 Start: 29698, Stop: 29994, Start Num: 43

Candidate Starts for Ruotula_36:

(Start: 43 @29698 has 575 MA's), (51, 29872),

Gene: Rutherferd_38 Start: 29789, Stop: 30073, Start Num: 43

Candidate Starts for Rutherferd_38:

(Start: 43 @29789 has 575 MA's), (54, 29990),

Gene: SDcharge11_56 Start: 47928, Stop: 47638, Start Num: 42

Candidate Starts for SDcharge11_56:

(Start: 36 @48003 has 59 MA's), (Start: 42 @47928 has 198 MA's), (45, 47889), (46, 47847), (48, 47772), (49, 47766), (55, 47727),

Gene: SG4_26 Start: 25747, Stop: 26031, Start Num: 43

Candidate Starts for SG4_26:

(Start: 43 @25747 has 575 MA's), (54, 25948), (58, 25978),

Gene: STLscum_37 Start: 29938, Stop: 30222, Start Num: 43

Candidate Starts for STLscum_37:

(Start: 43 @29938 has 575 MA's), (54, 30139),

Gene: Saal_26 Start: 25420, Stop: 25716, Start Num: 43

Candidate Starts for Saal_26:

(Start: 43 @25420 has 575 MA's), (47, 25534), (50, 25591), (51, 25594), (55, 25627),

Gene: Sabbb_27 Start: 25766, Stop: 26062, Start Num: 43
Candidate Starts for Sabbb_27:
(Start: 43 @25766 has 575 MA's), (47, 25880), (48, 25928), (52, 25943), (53, 25961), (55, 25973), (57, 25997), (58, 26009),

Gene: Sagefire_38 Start: 29961, Stop: 30245, Start Num: 43
Candidate Starts for Sagefire_38:
(Start: 43 @29961 has 575 MA's), (54, 30162),

Gene: Saints25_32 Start: 28941, Stop: 29225, Start Num: 43
Candidate Starts for Saints25_32:
(Start: 43 @28941 has 575 MA's), (46, 29025), (47, 29055), (54, 29142),

Gene: SallyH_58 Start: 48676, Stop: 48311, Start Num: 36
Candidate Starts for SallyH_58:
(Start: 36 @48676 has 59 MA's), (Start: 42 @48601 has 198 MA's), (45, 48562), (46, 48520), (48, 48445), (49, 48439), (55, 48400),

Gene: Samaymay_57 Start: 48921, Stop: 48631, Start Num: 42
Candidate Starts for Samaymay_57:
(Start: 36 @48996 has 59 MA's), (Start: 42 @48921 has 198 MA's), (45, 48882), (46, 48840), (48, 48765), (49, 48759), (55, 48720),

Gene: Sandaddy_36 Start: 29050, Stop: 29334, Start Num: 43
Candidate Starts for Sandaddy_36:
(Start: 43 @29050 has 575 MA's), (54, 29251),

Gene: Sandalphon_27 Start: 26151, Stop: 26447, Start Num: 43
Candidate Starts for Sandalphon_27:
(19, 25998), (20, 26013), (23, 26031), (31, 26049), (35, 26073), (Start: 43 @26151 has 575 MA's), (47, 26265), (50, 26322), (51, 26325), (55, 26358),

Gene: Sanya_35 Start: 29720, Stop: 30016, Start Num: 43
Candidate Starts for Sanya_35:
(Start: 43 @29720 has 575 MA's), (51, 29894), (57, 29951),

Gene: SarFire_36 Start: 29220, Stop: 29516, Start Num: 43
Candidate Starts for SarFire_36:
(Start: 43 @29220 has 575 MA's), (51, 29394),

Gene: Sassafras_26 Start: 25564, Stop: 25860, Start Num: 43
Candidate Starts for Sassafras_26:
(Start: 43 @25564 has 575 MA's), (47, 25678), (50, 25735), (51, 25738), (55, 25771),

Gene: Sassay_30 Start: 28787, Stop: 29071, Start Num: 43
Candidate Starts for Sassay_30:
(Start: 43 @28787 has 575 MA's), (46, 28871), (47, 28901), (54, 28988),

Gene: SassyB_26 Start: 25639, Stop: 25923, Start Num: 43
Candidate Starts for SassyB_26:
(Start: 43 @25639 has 575 MA's), (54, 25840), (58, 25870),

Gene: SassyCat97_56 Start: 48648, Stop: 48358, Start Num: 42

Candidate Starts for SassyCat97_56:

(Start: 36 @48723 has 59 MA's), (Start: 42 @48648 has 198 MA's), (45, 48609), (46, 48567), (48, 48492), (49, 48486), (55, 48447),

Gene: Schadenfreude_56 Start: 48407, Stop: 48117, Start Num: 42

Candidate Starts for Schadenfreude_56:

(Start: 36 @48482 has 59 MA's), (Start: 42 @48407 has 198 MA's), (45, 48368), (46, 48326), (48, 48251), (49, 48245), (55, 48206),

Gene: Schueller_57 Start: 48637, Stop: 48347, Start Num: 42

Candidate Starts for Schueller_57:

(37, 48697), (Start: 42 @48637 has 198 MA's), (45, 48598), (46, 48556), (48, 48481), (49, 48475), (55, 48436),

Gene: Scoot17C_58 Start: 48590, Stop: 48300, Start Num: 42

Candidate Starts for Scoot17C_58:

(Start: 36 @48665 has 59 MA's), (Start: 42 @48590 has 198 MA's), (45, 48551), (46, 48509), (48, 48434), (49, 48428), (55, 48389),

Gene: Scottish_27 Start: 26741, Stop: 27037, Start Num: 43

Candidate Starts for Scottish_27:

(Start: 43 @26741 has 575 MA's), (47, 26855), (48, 26903), (52, 26918), (53, 26936), (55, 26948), (57, 26972), (58, 26984),

Gene: Scowl_36 Start: 29483, Stop: 29779, Start Num: 43

Candidate Starts for Scowl_36:

(Start: 43 @29483 has 575 MA's), (51, 29657), (57, 29714),

Gene: Scrick_58 Start: 48662, Stop: 48372, Start Num: 42

Candidate Starts for Scrick_58:

(Start: 36 @48737 has 59 MA's), (Start: 42 @48662 has 198 MA's), (45, 48623), (46, 48581), (48, 48506), (49, 48500), (55, 48461),

Gene: Seabastian_26 Start: 25661, Stop: 25945, Start Num: 43

Candidate Starts for Seabastian_26:

(Start: 43 @25661 has 575 MA's), (54, 25862),

Gene: Seabiscuit_38 Start: 28985, Stop: 29281, Start Num: 43

Candidate Starts for Seabiscuit_38:

(Start: 43 @28985 has 575 MA's), (51, 29159),

Gene: Seagreen_27 Start: 25434, Stop: 25730, Start Num: 43

Candidate Starts for Seagreen_27:

(Start: 43 @25434 has 575 MA's), (51, 25608), (57, 25665),

Gene: Seanderson_37 Start: 29613, Stop: 29909, Start Num: 43

Candidate Starts for Seanderson_37:

(Start: 43 @29613 has 575 MA's), (51, 29787),

Gene: Selr12_57 Start: 48705, Stop: 48340, Start Num: 36

Candidate Starts for Selr12_57:

(Start: 36 @48705 has 59 MA's), (Start: 42 @48630 has 198 MA's), (45, 48591), (46, 48549), (48, 48474), (49, 48468), (55, 48429),

Gene: Serendipity_57 Start: 48945, Stop: 48655, Start Num: 42

Candidate Starts for Serendipity_57:

(Start: 36 @49020 has 59 MA's), (Start: 42 @48945 has 198 MA's), (45, 48906), (46, 48864), (48, 48789), (49, 48783), (55, 48744),

Gene: Serpentine_0057 Start: 49103, Stop: 48738, Start Num: 36

Candidate Starts for Serpentine_0057:

(Start: 36 @49103 has 59 MA's), (Start: 42 @49028 has 198 MA's), (45, 48989), (46, 48947), (48, 48872), (49, 48866), (55, 48827),

Gene: Shaboozey_35 Start: 33019, Stop: 33315, Start Num: 43

Candidate Starts for Shaboozey_35:

(25, 32905), (26, 32908), (Start: 34 @32941 has 1 MA's), (Start: 43 @33019 has 575 MA's), (53, 33214),

Gene: ShadowBud_58 Start: 48921, Stop: 48631, Start Num: 42

Candidate Starts for ShadowBud_58:

(Start: 36 @48996 has 59 MA's), (Start: 42 @48921 has 198 MA's), (45, 48882), (46, 48840), (48, 48765), (49, 48759), (55, 48720),

Gene: ShamWow_31 Start: 29283, Stop: 29567, Start Num: 43

Candidate Starts for ShamWow_31:

(Start: 43 @29283 has 575 MA's), (46, 29367), (47, 29397), (54, 29484),

Gene: Shauna1_23 Start: 24601, Stop: 24885, Start Num: 43

Candidate Starts for Shauna1_23:

(Start: 43 @24601 has 575 MA's), (54, 24802), (58, 24832),

Gene: Sheila_55 Start: 47989, Stop: 47699, Start Num: 42

Candidate Starts for Sheila_55:

(Start: 36 @48064 has 59 MA's), (Start: 42 @47989 has 198 MA's), (45, 47950), (46, 47908), (48, 47833), (49, 47827), (55, 47788),

Gene: ShereKhan_33 Start: 30266, Stop: 30550, Start Num: 43

Candidate Starts for ShereKhan_33:

(Start: 43 @30266 has 575 MA's), (46, 30350), (47, 30380), (54, 30467),

Gene: ShiLan_26 Start: 25631, Stop: 25915, Start Num: 43

Candidate Starts for ShiLan_26:

(Start: 43 @25631 has 575 MA's), (54, 25832), (58, 25862),

Gene: ShiVal_55 Start: 48622, Stop: 48332, Start Num: 43

Candidate Starts for ShiVal_55:

(Start: 43 @48622 has 575 MA's), (45, 48583), (46, 48541), (48, 48466), (49, 48460), (55, 48421),

Gene: ShowerHandel_26 Start: 25632, Stop: 25916, Start Num: 43

Candidate Starts for ShowerHandel_26:

(Start: 43 @25632 has 575 MA's), (54, 25833), (58, 25863),

Gene: ShroomBoi_23 Start: 24491, Stop: 24775, Start Num: 43

Candidate Starts for ShroomBoi_23:

(Start: 43 @24491 has 575 MA's), (54, 24692), (58, 24722),

Gene: SiSi_26 Start: 25430, Stop: 25714, Start Num: 43

Candidate Starts for SiSi_26:

(21, 25310), (Start: 34 @25352 has 1 MA's), (Start: 43 @25430 has 575 MA's), (54, 25631), (58, 25661),

Gene: Sibs6_37 Start: 28102, Stop: 28386, Start Num: 43

Candidate Starts for Sibs6_37:

(Start: 43 @28102 has 575 MA's), (54, 28303),

Gene: Sigman_58 Start: 48581, Stop: 48291, Start Num: 42

Candidate Starts for Sigman_58:

(Start: 36 @48656 has 59 MA's), (Start: 42 @48581 has 198 MA's), (45, 48542), (46, 48500), (48, 48425), (49, 48419), (55, 48380),

Gene: SilverBell_56 Start: 48666, Stop: 48376, Start Num: 42

Candidate Starts for SilverBell_56:

(Start: 36 @48741 has 59 MA's), (Start: 42 @48666 has 198 MA's), (45, 48627), (46, 48585), (48, 48510), (49, 48504), (55, 48465),

Gene: SilverChicken_33 Start: 25301, Stop: 25585, Start Num: 43

Candidate Starts for SilverChicken_33:

(Start: 43 @25301 has 575 MA's), (54, 25502), (58, 25532),

Gene: Simielle_56 Start: 48584, Stop: 48294, Start Num: 43

Candidate Starts for Simielle_56:

(37, 48644), (Start: 43 @48584 has 575 MA's), (45, 48545), (46, 48503), (48, 48428), (49, 48422), (55, 48383),

Gene: Simpliphy_32 Start: 29028, Stop: 29312, Start Num: 43

Candidate Starts for Simpliphy_32:

(Start: 43 @29028 has 575 MA's), (46, 29112), (47, 29142), (54, 29229),

Gene: SimranZ1_27 Start: 25268, Stop: 25564, Start Num: 43

Candidate Starts for SimranZ1_27:

(Start: 43 @25268 has 575 MA's), (47, 25382), (50, 25439), (51, 25442), (55, 25475),

Gene: SirBeauregard_58 Start: 49151, Stop: 48861, Start Num: 42

Candidate Starts for SirBeauregard_58:

(Start: 36 @49226 has 59 MA's), (Start: 42 @49151 has 198 MA's), (45, 49112), (46, 49070), (48, 48995), (49, 48989), (55, 48950),

Gene: SirDuracell_30 Start: 27948, Stop: 28232, Start Num: 43

Candidate Starts for SirDuracell_30:

(Start: 43 @27948 has 575 MA's), (46, 28032), (47, 28062), (54, 28149),

Gene: SkiPole_39 Start: 29440, Stop: 29724, Start Num: 43

Candidate Starts for SkiPole_39:

(Start: 43 @29440 has 575 MA's), (54, 29641),

Gene: Skippy_58 Start: 48881, Stop: 48591, Start Num: 42

Candidate Starts for Skippy_58:

(Start: 36 @48956 has 59 MA's), (Start: 42 @48881 has 198 MA's), (45, 48842), (46, 48800), (48, 48725), (49, 48719), (55, 48680),

Gene: Slagathor_37 Start: 29063, Stop: 29359, Start Num: 43

Candidate Starts for Slagathor_37:

(Start: 43 @29063 has 575 MA's), (51, 29237), (57, 29294),

Gene: Slatt_58 Start: 48946, Stop: 48656, Start Num: 42

Candidate Starts for Slatt_58:

(Start: 36 @49021 has 59 MA's), (Start: 42 @48946 has 198 MA's), (45, 48907), (46, 48865), (48, 48790), (49, 48784), (55, 48745),

Gene: Slim_27 Start: 25349, Stop: 25645, Start Num: 43

Candidate Starts for Slim_27:

(Start: 43 @25349 has 575 MA's), (47, 25463), (50, 25520), (51, 25523), (55, 25556),

Gene: Smeagol_38 Start: 30296, Stop: 30580, Start Num: 43

Candidate Starts for Smeagol_38:

(Start: 43 @30296 has 575 MA's), (54, 30497),

Gene: Snazzy_35 Start: 28974, Stop: 29270, Start Num: 43

Candidate Starts for Snazzy_35:

(Start: 43 @28974 has 575 MA's), (51, 29148), (57, 29205),

Gene: Soile_58 Start: 49169, Stop: 48879, Start Num: 43

Candidate Starts for Soile_58:

(37, 49229), (Start: 43 @49169 has 575 MA's), (45, 49130), (46, 49088), (48, 49013), (49, 49007), (55, 48968),

Gene: Solon_36 Start: 29282, Stop: 29566, Start Num: 43

Candidate Starts for Solon_36:

(Start: 43 @29282 has 575 MA's), (54, 29483),

Gene: Solosis_56 Start: 48642, Stop: 48352, Start Num: 42

Candidate Starts for Solosis_56:

(Start: 36 @48717 has 59 MA's), (Start: 42 @48642 has 198 MA's), (45, 48603), (46, 48561), (48, 48486), (49, 48480), (55, 48441),

Gene: SophKB_31 Start: 29282, Stop: 29566, Start Num: 43

Candidate Starts for SophKB_31:

(Start: 43 @29282 has 575 MA's), (46, 29366), (47, 29396), (54, 29483),

Gene: Sophia_56 Start: 48636, Stop: 48346, Start Num: 42

Candidate Starts for Sophia_56:

(Start: 36 @48711 has 59 MA's), (Start: 42 @48636 has 198 MA's), (45, 48597), (46, 48555), (48, 48480), (49, 48474), (55, 48435),

Gene: Sorpresa_36 Start: 29052, Stop: 29336, Start Num: 43

Candidate Starts for Sorpresa_36:

(Start: 43 @29052 has 575 MA's), (54, 29253),

Gene: Soto_55 Start: 47961, Stop: 47671, Start Num: 42

Candidate Starts for Soto_55:

(Start: 36 @48036 has 59 MA's), (Start: 42 @47961 has 198 MA's), (45, 47922), (46, 47880), (48, 47805), (49, 47799), (55, 47760),

Gene: Sotrice96_31 Start: 29237, Stop: 29521, Start Num: 43

Candidate Starts for Sotrice96_31:

(Start: 43 @29237 has 575 MA's), (46, 29321), (47, 29351), (54, 29438),

Gene: Soul22_30 Start: 24966, Stop: 25262, Start Num: 43

Candidate Starts for Soul22_30:

(Start: 43 @24966 has 575 MA's), (47, 25080), (48, 25128), (52, 25143), (53, 25161), (55, 25173), (57, 25197), (58, 25209),

Gene: Sparkdehlily_26 Start: 25466, Stop: 25762, Start Num: 43

Candidate Starts for Sparkdehlily_26:

(Start: 43 @25466 has 575 MA's), (47, 25580), (50, 25637), (51, 25640), (55, 25673),

Gene: Spartacus_27 Start: 25674, Stop: 25958, Start Num: 43

Candidate Starts for Spartacus_27:

(Start: 43 @25674 has 575 MA's), (54, 25875), (58, 25905),

Gene: Spartan300_56 Start: 48620, Stop: 48330, Start Num: 43

Candidate Starts for Spartan300_56:

(Start: 43 @48620 has 575 MA's), (45, 48581), (46, 48539), (48, 48464), (49, 48458), (55, 48419),

Gene: SpikeBT_38 Start: 30031, Stop: 30315, Start Num: 43

Candidate Starts for SpikeBT_38:

(Start: 43 @30031 has 575 MA's), (54, 30232),

Gene: Spikelee_27 Start: 25422, Stop: 25706, Start Num: 43

Candidate Starts for Spikelee_27:

(Start: 22 @25302 has 1 MA's), (35, 25344), (Start: 43 @25422 has 575 MA's), (54, 25623),

Gene: Spoonbill_26 Start: 25630, Stop: 25926, Start Num: 43

Candidate Starts for Spoonbill_26:

(Start: 43 @25630 has 575 MA's), (47, 25744), (50, 25801), (51, 25804), (55, 25837),

Gene: Squee_37 Start: 29824, Stop: 30120, Start Num: 43

Candidate Starts for Squee_37:

(Start: 43 @29824 has 575 MA's), (51, 29998),

Gene: Squid_57 Start: 48723, Stop: 48358, Start Num: 36

Candidate Starts for Squid_57:

(Start: 36 @48723 has 59 MA's), (Start: 42 @48648 has 198 MA's), (45, 48609), (46, 48567), (48, 48492), (49, 48486), (55, 48447),

Gene: Squiggle_58 Start: 48656, Stop: 48366, Start Num: 42

Candidate Starts for Squiggle_58:

(Start: 36 @48731 has 59 MA's), (Start: 42 @48656 has 198 MA's), (45, 48617), (46, 48575), (48, 48500), (49, 48494), (55, 48455),

Gene: Squint_40 Start: 34823, Stop: 35119, Start Num: 43

Candidate Starts for Squint_40:

(Start: 22 @34703 has 1 MA's), (30, 34721), (Start: 34 @34745 has 1 MA's), (Start: 43 @34823 has 575 MA's), (53, 35018),

Gene: Stank_34 Start: 29789, Stop: 30073, Start Num: 43

Candidate Starts for Stank_34:

(Start: 43 @29789 has 575 MA's), (46, 29873), (47, 29903), (54, 29990),

Gene: Stap_27 Start: 25592, Stop: 25888, Start Num: 43

Candidate Starts for Stap_27:

(Start: 43 @25592 has 575 MA's), (52, 25769), (57, 25823),

Gene: Starcevich_27 Start: 25230, Stop: 25526, Start Num: 43

Candidate Starts for Starcevich_27:

(Start: 43 @25230 has 575 MA's), (50, 25401), (51, 25404), (55, 25437),

Gene: Stark_32 Start: 29041, Stop: 29325, Start Num: 43

Candidate Starts for Stark_32:

(Start: 43 @29041 has 575 MA's), (46, 29125), (47, 29155), (54, 29242),

Gene: StellaBean_31 Start: 29282, Stop: 29566, Start Num: 43

Candidate Starts for StellaBean_31:

(Start: 43 @29282 has 575 MA's), (46, 29366), (47, 29396), (54, 29483),

Gene: StolenFromERC_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for StolenFromERC_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: StormChicken_31 Start: 29457, Stop: 29741, Start Num: 43

Candidate Starts for StormChicken_31:

(Start: 43 @29457 has 575 MA's), (46, 29541), (47, 29571), (54, 29658),

Gene: Strokeseat_26 Start: 25696, Stop: 25980, Start Num: 43

Candidate Starts for Strokeseat_26:

(Start: 43 @25696 has 575 MA's), (54, 25897), (58, 25927),

Gene: StrongArm_35 Start: 30053, Stop: 30349, Start Num: 43

Candidate Starts for StrongArm_35:

(Start: 43 @30053 has 575 MA's), (50, 30224), (55, 30260),

Gene: Struggle_57 Start: 48485, Stop: 48195, Start Num: 42

Candidate Starts for Struggle_57:

(37, 48545), (Start: 42 @48485 has 198 MA's), (45, 48446), (46, 48404), (48, 48329), (49, 48323), (55, 48284),

Gene: Suffolk_55 Start: 48026, Stop: 47661, Start Num: 36

Candidate Starts for Suffolk_55:

(Start: 36 @48026 has 59 MA's), (Start: 42 @47951 has 198 MA's), (45, 47912), (46, 47870), (48, 47795), (49, 47789), (55, 47750),

Gene: Sumter_35 Start: 29006, Stop: 29302, Start Num: 43

Candidate Starts for Sumter_35:

(Start: 43 @29006 has 575 MA's), (51, 29180), (57, 29237),

Gene: Sunshine924_38 Start: 28931, Stop: 29215, Start Num: 43

Candidate Starts for Sunshine924_38:

(Start: 43 @28931 has 575 MA's), (54, 29132),

Gene: SuperGrey_26 Start: 26161, Stop: 26457, Start Num: 43

Candidate Starts for SuperGrey_26:

(Start: 43 @26161 has 575 MA's), (50, 26332), (51, 26335), (55, 26368),

Gene: Superphikiman_41 Start: 34766, Stop: 35182, Start Num: 22

Candidate Starts for Superphikiman_41:

(Start: 22 @34766 has 1 MA's), (30, 34784), (Start: 34 @34808 has 1 MA's), (Start: 43 @34886 has 575 MA's), (53, 35081),

Gene: Surely_57 Start: 48938, Stop: 48648, Start Num: 42

Candidate Starts for Surely_57:

(Start: 36 @49013 has 59 MA's), (Start: 42 @48938 has 198 MA's), (45, 48899), (46, 48857), (48, 48782), (49, 48776), (55, 48737),

Gene: SwagPiggett_26 Start: 25443, Stop: 25727, Start Num: 43

Candidate Starts for SwagPiggett_26:

(Start: 43 @25443 has 575 MA's), (54, 25644), (58, 25674),

Gene: Swiphy_58 Start: 48939, Stop: 48649, Start Num: 43

Candidate Starts for Swiphy_58:

(37, 48999), (Start: 43 @48939 has 575 MA's), (45, 48900), (46, 48858), (48, 48783), (49, 48777), (55, 48738),

Gene: Swish_58 Start: 48603, Stop: 48313, Start Num: 42

Candidate Starts for Swish_58:

(Start: 36 @48678 has 59 MA's), (Start: 42 @48603 has 198 MA's), (45, 48564), (46, 48522), (48, 48447), (49, 48441), (55, 48402),

Gene: SwissCheese_38 Start: 29677, Stop: 29973, Start Num: 43

Candidate Starts for SwissCheese_38:

(Start: 43 @29677 has 575 MA's), (52, 29854),

Gene: Switzer_37 Start: 29091, Stop: 29375, Start Num: 43

Candidate Starts for Switzer_37:

(Start: 43 @29091 has 575 MA's), (54, 29292),

Gene: Swole_38 Start: 29050, Stop: 29346, Start Num: 43

Candidate Starts for Swole_38:

(Start: 43 @29050 has 575 MA's), (51, 29224),

Gene: TBrady12_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for TBrady12_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: TChen_24 Start: 25630, Stop: 25926, Start Num: 43

Candidate Starts for TChen_24:

(Start: 43 @25630 has 575 MA's), (46, 25714), (48, 25792), (52, 25807), (53, 25825), (55, 25837), (57, 25861), (58, 25873),

Gene: TDanisky_26 Start: 25466, Stop: 25762, Start Num: 43
Candidate Starts for TDanisky_26:
(Start: 43 @25466 has 575 MA's), (47, 25580), (50, 25637), (51, 25640), (55, 25673),

Gene: Taj_26 Start: 25626, Stop: 25910, Start Num: 43
Candidate Starts for Taj_26:
(Start: 43 @25626 has 575 MA's), (54, 25827), (58, 25857),

Gene: TallGrassMM_57 Start: 48627, Stop: 48262, Start Num: 36
Candidate Starts for TallGrassMM_57:
(Start: 36 @48627 has 59 MA's), (Start: 42 @48552 has 198 MA's), (45, 48513), (46, 48471), (48, 48396), (49, 48390), (55, 48351),

Gene: Tarkin_33 Start: 30272, Stop: 30556, Start Num: 43
Candidate Starts for Tarkin_33:
(Start: 43 @30272 has 575 MA's), (46, 30356), (47, 30386), (54, 30473),

Gene: Tasp14_37 Start: 29221, Stop: 29517, Start Num: 43
Candidate Starts for Tasp14_37:
(Start: 43 @29221 has 575 MA's), (51, 29395), (57, 29452),

Gene: TeamEdward_31 Start: 29454, Stop: 29738, Start Num: 43
Candidate Starts for TeamEdward_31:
(Start: 43 @29454 has 575 MA's), (46, 29538), (47, 29568), (54, 29655),

Gene: TeardropMSU_30 Start: 29183, Stop: 29467, Start Num: 43
Candidate Starts for TeardropMSU_30:
(Start: 43 @29183 has 575 MA's), (46, 29267), (47, 29297), (54, 29384),

Gene: Teaspoon_32 Start: 29236, Stop: 29520, Start Num: 43
Candidate Starts for Teaspoon_32:
(Start: 43 @29236 has 575 MA's), (46, 29320), (47, 29350), (54, 29437),

Gene: Telesworld_55 Start: 48715, Stop: 48425, Start Num: 42
Candidate Starts for Telesworld_55:
(Start: 36 @48790 has 59 MA's), (Start: 42 @48715 has 198 MA's), (45, 48676), (46, 48634), (48, 48559), (49, 48553), (55, 48514),

Gene: Teodoridan_34 Start: 28478, Stop: 28774, Start Num: 43
Candidate Starts for Teodoridan_34:
(Start: 43 @28478 has 575 MA's), (51, 28652), (57, 28709),

Gene: Terminus_31 Start: 29370, Stop: 29654, Start Num: 43
Candidate Starts for Terminus_31:
(Start: 43 @29370 has 575 MA's), (46, 29454), (47, 29484), (54, 29571),

Gene: TheloniousMonk_38 Start: 30619, Stop: 30915, Start Num: 43
Candidate Starts for TheloniousMonk_38:
(Start: 43 @30619 has 575 MA's), (51, 30793), (57, 30850),

Gene: ThetaBob_25 Start: 24808, Stop: 25104, Start Num: 43
Candidate Starts for ThetaBob_25:

(Start: 43 @24808 has 575 MA's), (46, 24892), (47, 24922), (48, 24970), (52, 24985), (55, 25015), (56, 25030), (57, 25039), (58, 25051),

Gene: Thimble_31 Start: 28233, Stop: 28517, Start Num: 43

Candidate Starts for Thimble_31:

(Start: 43 @28233 has 575 MA's), (46, 28317), (47, 28347), (54, 28434),

Gene: Thor_36 Start: 28578, Stop: 28874, Start Num: 43

Candidate Starts for Thor_36:

(Start: 43 @28578 has 575 MA's), (51, 28752),

Gene: Thora_57 Start: 48934, Stop: 48644, Start Num: 42

Candidate Starts for Thora_57:

(Start: 36 @49009 has 59 MA's), (Start: 42 @48934 has 198 MA's), (45, 48895), (46, 48853), (48, 48778), (49, 48772), (55, 48733),

Gene: ThreeOh3D2_58 Start: 49229, Stop: 48864, Start Num: 36

Candidate Starts for ThreeOh3D2_58:

(Start: 36 @49229 has 59 MA's), (Start: 42 @49154 has 198 MA's), (45, 49115), (46, 49073), (48, 48998), (49, 48992), (55, 48953),

Gene: Thresher_32 Start: 30037, Stop: 30321, Start Num: 43

Candidate Starts for Thresher_32:

(Start: 43 @30037 has 575 MA's), (46, 30121), (47, 30151), (54, 30238),

Gene: Thunderbird_56 Start: 48640, Stop: 48350, Start Num: 42

Candidate Starts for Thunderbird_56:

(37, 48700), (Start: 42 @48640 has 198 MA's), (45, 48601), (46, 48559), (48, 48484), (49, 48478), (55, 48439),

Gene: Timmi_56 Start: 48637, Stop: 48347, Start Num: 42

Candidate Starts for Timmi_56:

(Start: 36 @48712 has 59 MA's), (Start: 42 @48637 has 198 MA's), (45, 48598), (46, 48556), (48, 48481), (49, 48475), (55, 48436),

Gene: TomBombadil_57 Start: 48922, Stop: 48632, Start Num: 42

Candidate Starts for TomBombadil_57:

(Start: 36 @48997 has 59 MA's), (Start: 42 @48922 has 198 MA's), (45, 48883), (46, 48841), (48, 48766), (49, 48760), (55, 48721),

Gene: Tomaszewski_30 Start: 28880, Stop: 29164, Start Num: 43

Candidate Starts for Tomaszewski_30:

(Start: 43 @28880 has 575 MA's), (46, 28964), (47, 28994), (54, 29081),

Gene: Tomlarah_58 Start: 49449, Stop: 49159, Start Num: 42

Candidate Starts for Tomlarah_58:

(Start: 36 @49524 has 59 MA's), (Start: 42 @49449 has 198 MA's), (45, 49410), (46, 49368), (48, 49293), (49, 49287), (55, 49248),

Gene: Toni_56 Start: 48674, Stop: 48309, Start Num: 36

Candidate Starts for Toni_56:

(Start: 36 @48674 has 59 MA's), (Start: 42 @48599 has 198 MA's), (45, 48560), (46, 48518), (48, 48443), (49, 48437), (55, 48398),

Gene: TooFast2Furius_59 Start: 48936, Stop: 48571, Start Num: 36

Candidate Starts for TooFast2Furius_59:

(Start: 36 @48936 has 59 MA's), (Start: 42 @48861 has 198 MA's), (45, 48822), (46, 48780), (48, 48705), (49, 48699), (55, 48660),

Gene: Tooj_55 Start: 48065, Stop: 47775, Start Num: 42

Candidate Starts for Tooj_55:

(Start: 36 @48140 has 59 MA's), (Start: 42 @48065 has 198 MA's), (45, 48026), (46, 47984), (48, 47909), (49, 47903), (55, 47864),

Gene: TootsiePop_27 Start: 25312, Stop: 25596, Start Num: 43

Candidate Starts for TootsiePop_27:

(Start: 43 @25312 has 575 MA's), (54, 25513), (58, 25543),

Gene: Tootsieroll_27 Start: 25435, Stop: 25719, Start Num: 43

Candidate Starts for Tootsieroll_27:

(Start: 43 @25435 has 575 MA's), (54, 25636), (58, 25666),

Gene: Topiatin_28 Start: 26114, Stop: 26410, Start Num: 43

Candidate Starts for Topiatin_28:

(Start: 43 @26114 has 575 MA's), (52, 26291), (55, 26321), (57, 26345), (58, 26357),

Gene: Totinger_27 Start: 25348, Stop: 25644, Start Num: 43

Candidate Starts for Totinger_27:

(Start: 43 @25348 has 575 MA's), (47, 25462), (50, 25519), (51, 25522), (55, 25555),

Gene: Toto_31 Start: 29283, Stop: 29567, Start Num: 43

Candidate Starts for Toto_31:

(Start: 43 @29283 has 575 MA's), (46, 29367), (47, 29397), (54, 29484),

Gene: Traaww1_29 Start: 28921, Stop: 29205, Start Num: 43

Candidate Starts for Traaww1_29:

(Start: 43 @28921 has 575 MA's), (46, 29005), (47, 29035), (54, 29122),

Gene: Traft412_38 Start: 30032, Stop: 30316, Start Num: 43

Candidate Starts for Traft412_38:

(Start: 43 @30032 has 575 MA's), (54, 30233),

Gene: Treddle_38 Start: 30321, Stop: 30605, Start Num: 43

Candidate Starts for Treddle_38:

(Start: 43 @30321 has 575 MA's), (54, 30522),

Gene: Triad_57 Start: 47849, Stop: 47559, Start Num: 42

Candidate Starts for Triad_57:

(Start: 36 @47924 has 59 MA's), (Start: 42 @47849 has 198 MA's), (45, 47810), (46, 47768), (48, 47693), (49, 47687), (55, 47648),

Gene: Tripl3t_37 Start: 29821, Stop: 30117, Start Num: 43

Candidate Starts for Tripl3t_37:

(Start: 43 @29821 has 575 MA's), (51, 29995),

Gene: Trouble_37 Start: 29935, Stop: 30219, Start Num: 43

Candidate Starts for Trouble_37:
(Start: 43 @29935 has 575 MA's), (54, 30136),

Gene: True_56 Start: 48680, Stop: 48315, Start Num: 36
Candidate Starts for True_56:
(Start: 36 @48680 has 59 MA's), (Start: 42 @48605 has 198 MA's), (45, 48566), (46, 48524), (48, 48449), (49, 48443), (55, 48404),

Gene: Trypo_59 Start: 49071, Stop: 48781, Start Num: 42
Candidate Starts for Trypo_59:
(37, 49131), (Start: 42 @49071 has 198 MA's), (45, 49032), (46, 48990), (48, 48915), (49, 48909), (55, 48870),

Gene: Tuco_32 Start: 29791, Stop: 30075, Start Num: 43
Candidate Starts for Tuco_32:
(Start: 43 @29791 has 575 MA's), (46, 29875), (47, 29905), (54, 29992),

Gene: Turj99_35 Start: 28874, Stop: 29158, Start Num: 43
Candidate Starts for Turj99_35:
(Start: 43 @28874 has 575 MA's), (54, 29075),

Gene: Tweety_27 Start: 25642, Stop: 25926, Start Num: 43
Candidate Starts for Tweety_27:
(Start: 43 @25642 has 575 MA's), (54, 25843), (58, 25873),

Gene: TwoPeat_37 Start: 29418, Stop: 29714, Start Num: 43
Candidate Starts for TwoPeat_37:
(Start: 43 @29418 has 575 MA's), (50, 29589), (55, 29625),

Gene: TyrionL_57 Start: 48496, Stop: 48206, Start Num: 42
Candidate Starts for TyrionL_57:
(37, 48556), (Start: 42 @48496 has 198 MA's), (45, 48457), (46, 48415), (48, 48340), (49, 48334), (55, 48295),

Gene: U2_36 Start: 29076, Stop: 29360, Start Num: 43
Candidate Starts for U2_36:
(Start: 43 @29076 has 575 MA's), (54, 29277),

Gene: UAch1_56 Start: 48749, Stop: 48384, Start Num: 36
Candidate Starts for UAch1_56:
(Start: 36 @48749 has 59 MA's), (Start: 42 @48674 has 198 MA's), (45, 48635), (46, 48593), (48, 48518), (49, 48512), (55, 48473),

Gene: Ukulele_31 Start: 29041, Stop: 29325, Start Num: 43
Candidate Starts for Ukulele_31:
(Start: 43 @29041 has 575 MA's), (46, 29125), (47, 29155), (54, 29242),

Gene: UncleHowie_56 Start: 48349, Stop: 48059, Start Num: 42
Candidate Starts for UncleHowie_56:
(Start: 36 @48424 has 59 MA's), (Start: 42 @48349 has 198 MA's), (45, 48310), (46, 48268), (48, 48193), (49, 48187), (55, 48148),

Gene: UncleRicky_29 Start: 26761, Stop: 27045, Start Num: 43

Candidate Starts for UncleRicky_29:
(Start: 43 @26761 has 575 MA's), (54, 26962), (58, 26992),

Gene: Usavi_57 Start: 49017, Stop: 48727, Start Num: 42
Candidate Starts for Usavi_57:
(Start: 36 @49092 has 59 MA's), (Start: 42 @49017 has 198 MA's), (45, 48978), (46, 48936), (48, 48861), (49, 48855), (55, 48816),

Gene: VRedHorse_26 Start: 25637, Stop: 25933, Start Num: 43
Candidate Starts for VRedHorse_26:
(Start: 43 @25637 has 575 MA's), (51, 25811), (57, 25868),

Gene: Vaishali24_55 Start: 48309, Stop: 48019, Start Num: 42
Candidate Starts for Vaishali24_55:
(Start: 36 @48384 has 59 MA's), (Start: 42 @48309 has 198 MA's), (45, 48270), (46, 48228), (48, 48153), (49, 48147), (55, 48108),

Gene: Valjean_56 Start: 48630, Stop: 48340, Start Num: 43
Candidate Starts for Valjean_56:
(Start: 43 @48630 has 575 MA's), (45, 48591), (46, 48549), (48, 48474), (49, 48468), (55, 48429),

Gene: Vaticameos_54 Start: 47215, Stop: 46850, Start Num: 36
Candidate Starts for Vaticameos_54:
(Start: 36 @47215 has 59 MA's), (Start: 42 @47140 has 198 MA's), (45, 47101), (46, 47059), (48, 46984), (49, 46978), (55, 46939),

Gene: Veritas_58 Start: 48765, Stop: 48475, Start Num: 42
Candidate Starts for Veritas_58:
(Start: 36 @48840 has 59 MA's), (Start: 42 @48765 has 198 MA's), (45, 48726), (46, 48684), (48, 48609), (49, 48603), (55, 48564),

Gene: Veteran_26 Start: 25445, Stop: 25741, Start Num: 43
Candidate Starts for Veteran_26:
(Start: 43 @25445 has 575 MA's), (47, 25559), (50, 25616), (51, 25619), (55, 25652),

Gene: Violac_27 Start: 26142, Stop: 26426, Start Num: 43
Candidate Starts for Violac_27:
(Start: 43 @26142 has 575 MA's), (54, 26343),

Gene: Violet_35 Start: 29494, Stop: 29790, Start Num: 43
Candidate Starts for Violet_35:
(Start: 43 @29494 has 575 MA's), (51, 29668), (57, 29725),

Gene: Virapocalypse_58 Start: 48930, Stop: 48640, Start Num: 42
Candidate Starts for Virapocalypse_58:
(37, 48990), (Start: 42 @48930 has 198 MA's), (45, 48891), (46, 48849), (48, 48774), (49, 48768), (55, 48729),

Gene: Virgeve_56 Start: 48367, Stop: 48077, Start Num: 43
Candidate Starts for Virgeve_56:
(37, 48427), (Start: 43 @48367 has 575 MA's), (45, 48328), (46, 48286), (48, 48211), (49, 48205), (55, 48166),

Gene: Vista_56 Start: 48725, Stop: 48360, Start Num: 36
Candidate Starts for Vista_56:
(Start: 36 @48725 has 59 MA's), (Start: 42 @48650 has 198 MA's), (45, 48611), (46, 48569), (48, 48494), (49, 48488), (55, 48449),

Gene: Vivaldi_58 Start: 48874, Stop: 48509, Start Num: 36
Candidate Starts for Vivaldi_58:
(Start: 36 @48874 has 59 MA's), (Start: 42 @48799 has 198 MA's), (44, 48790), (45, 48760), (46, 48718), (48, 48643), (49, 48637), (55, 48598),

Gene: Vivum_26 Start: 25361, Stop: 25645, Start Num: 43
Candidate Starts for Vivum_26:
(25, 25253), (Start: 43 @25361 has 575 MA's), (54, 25562), (58, 25592),

Gene: Vortex_57 Start: 48632, Stop: 48342, Start Num: 42
Candidate Starts for Vortex_57:
(Start: 36 @48707 has 59 MA's), (Start: 42 @48632 has 198 MA's), (45, 48593), (46, 48551), (48, 48476), (49, 48470), (55, 48431),

Gene: Wachhund_26 Start: 25615, Stop: 25899, Start Num: 43
Candidate Starts for Wachhund_26:
(Start: 43 @25615 has 575 MA's), (54, 25816), (58, 25846),

Gene: Wallhey_57 Start: 48500, Stop: 48210, Start Num: 42
Candidate Starts for Wallhey_57:
(37, 48560), (Start: 42 @48500 has 198 MA's), (45, 48461), (46, 48419), (48, 48344), (49, 48338), (55, 48299),

Gene: Wanda_47 Start: 37843, Stop: 38139, Start Num: 43
Candidate Starts for Wanda_47:
(Start: 43 @37843 has 575 MA's), (52, 38020), (57, 38074),

Gene: Waterdiva_57 Start: 49086, Stop: 48721, Start Num: 36
Candidate Starts for Waterdiva_57:
(Start: 36 @49086 has 59 MA's), (Start: 42 @49011 has 198 MA's), (45, 48972), (46, 48930), (48, 48855), (49, 48849), (55, 48810),

Gene: Watermelon_38 Start: 29830, Stop: 30114, Start Num: 43
Candidate Starts for Watermelon_38:
(Start: 43 @29830 has 575 MA's), (54, 30031),

Gene: Wee_27 Start: 26086, Stop: 26448, Start Num: 34
Candidate Starts for Wee_27:
(24, 26053), (Start: 34 @26086 has 1 MA's), (Start: 43 @26164 has 575 MA's), (54, 26365), (58, 26395),

Gene: Weher20_57 Start: 49455, Stop: 49165, Start Num: 42
Candidate Starts for Weher20_57:
(Start: 36 @49530 has 59 MA's), (Start: 42 @49455 has 198 MA's), (45, 49416), (46, 49374), (48, 49299), (49, 49293), (55, 49254),

Gene: Whatsapiecost_26 Start: 25641, Stop: 25925, Start Num: 43
Candidate Starts for Whatsapiecost_26:

(Start: 43 @25641 has 575 MA's), (54, 25842), (58, 25872),

Gene: Wheeler_37 Start: 29414, Stop: 29698, Start Num: 43

Candidate Starts for Wheeler_37:

(Start: 43 @29414 has 575 MA's), (54, 29615),

Gene: Whouxphf_26 Start: 25688, Stop: 25984, Start Num: 43

Candidate Starts for Whouxphf_26:

(Start: 43 @25688 has 575 MA's), (48, 25850), (52, 25865), (53, 25883), (55, 25895), (57, 25919), (58, 25931),

Gene: Wiggin_34 Start: 29787, Stop: 30071, Start Num: 43

Candidate Starts for Wiggin_34:

(Start: 43 @29787 has 575 MA's), (46, 29871), (47, 29901), (54, 29988),

Gene: WillSterrel_27 Start: 26807, Stop: 27091, Start Num: 43

Candidate Starts for WillSterrel_27:

(25, 26699), (Start: 43 @26807 has 575 MA's), (47, 26921), (54, 27008), (58, 27038),

Gene: Willez_30 Start: 28787, Stop: 29071, Start Num: 43

Candidate Starts for Willez_30:

(Start: 43 @28787 has 575 MA's), (46, 28871), (47, 28901), (54, 28988),

Gene: Windsor_57 Start: 49155, Stop: 48865, Start Num: 42

Candidate Starts for Windsor_57:

(Start: 36 @49230 has 59 MA's), (Start: 42 @49155 has 198 MA's), (45, 49116), (46, 49074), (48, 48999), (49, 48993), (55, 48954),

Gene: XFactor_26 Start: 25596, Stop: 25880, Start Num: 43

Candidate Starts for XFactor_26:

(Start: 43 @25596 has 575 MA's), (54, 25797), (58, 25827),

Gene: Xandras_33 Start: 29273, Stop: 29557, Start Num: 43

Candidate Starts for Xandras_33:

(Start: 43 @29273 has 575 MA's), (46, 29357), (47, 29387), (54, 29474),

Gene: Xavier_56 Start: 48714, Stop: 48349, Start Num: 36

Candidate Starts for Xavier_56:

(Start: 36 @48714 has 59 MA's), (Start: 42 @48639 has 198 MA's), (45, 48600), (46, 48558), (48, 48483), (49, 48477), (55, 48438),

Gene: YassJohnny_32 Start: 29798, Stop: 30082, Start Num: 43

Candidate Starts for YassJohnny_32:

(Start: 43 @29798 has 575 MA's), (46, 29882), (47, 29912), (54, 29999),

Gene: Yorick_26 Start: 25630, Stop: 25914, Start Num: 43

Candidate Starts for Yorick_26:

(Start: 43 @25630 has 575 MA's), (54, 25831), (58, 25861),

Gene: Yoshand_58 Start: 48616, Stop: 48326, Start Num: 42

Candidate Starts for Yoshand_58:

(Start: 36 @48691 has 59 MA's), (Start: 42 @48616 has 198 MA's), (45, 48577), (46, 48535), (48, 48460), (49, 48454), (55, 48415),

Gene: Yoshi_29 Start: 24217, Stop: 24513, Start Num: 43

Candidate Starts for Yoshi_29:

(Start: 43 @24217 has 575 MA's), (46, 24301), (47, 24331), (48, 24379), (52, 24394), (53, 24412), (55, 24424), (57, 24448), (58, 24460),

Gene: YouGoGlencoco_58 Start: 48934, Stop: 48644, Start Num: 42

Candidate Starts for YouGoGlencoco_58:

(Start: 36 @49009 has 59 MA's), (Start: 42 @48934 has 198 MA's), (45, 48895), (46, 48853), (48, 48778), (49, 48772), (55, 48733),

Gene: Youngblood_31 Start: 29443, Stop: 29727, Start Num: 43

Candidate Starts for Youngblood_31:

(Start: 43 @29443 has 575 MA's), (46, 29527), (47, 29557), (54, 29644),

Gene: Zaider_57 Start: 48874, Stop: 48584, Start Num: 43

Candidate Starts for Zaider_57:

(Start: 43 @48874 has 575 MA's), (45, 48835), (46, 48793), (48, 48718), (49, 48712), (55, 48673),

Gene: Zapner_31 Start: 25660, Stop: 25956, Start Num: 43

Candidate Starts for Zapner_31:

(24, 25540), (32, 25558), (Start: 43 @25660 has 575 MA's), (46, 25744), (47, 25774), (48, 25822), (52, 25837), (55, 25867), (56, 25882), (57, 25891), (58, 25903),

Gene: Zeeculate_36 Start: 29723, Stop: 30019, Start Num: 43

Candidate Starts for Zeeculate_36:

(Start: 43 @29723 has 575 MA's), (51, 29897), (57, 29954),

Gene: Zelda_57 Start: 48976, Stop: 48686, Start Num: 42

Candidate Starts for Zelda_57:

(Start: 36 @49051 has 59 MA's), (Start: 42 @48976 has 198 MA's), (45, 48937), (46, 48895), (48, 48820), (49, 48814), (55, 48775),

Gene: Zephyr_36 Start: 29188, Stop: 29484, Start Num: 43

Candidate Starts for Zephyr_36:

(Start: 43 @29188 has 575 MA's), (50, 29359), (55, 29395),

Gene: Zerg_26 Start: 25405, Stop: 25689, Start Num: 43

Candidate Starts for Zerg_26:

(Start: 22 @25285 has 1 MA's), (35, 25327), (Start: 43 @25405 has 575 MA's), (54, 25606),

Gene: Zeuska_37 Start: 29663, Stop: 29947, Start Num: 43

Candidate Starts for Zeuska_37:

(Start: 43 @29663 has 575 MA's), (54, 29864),

Gene: Zizzle_26 Start: 25574, Stop: 25858, Start Num: 43

Candidate Starts for Zizzle_26:

(Start: 43 @25574 has 575 MA's), (54, 25775), (58, 25805),

Gene: Zonia_58 Start: 48951, Stop: 48661, Start Num: 42

Candidate Starts for Zonia_58:

(37, 49011), (Start: 42 @48951 has 198 MA's), (45, 48912), (46, 48870), (48, 48795), (49, 48789), (55, 48750),

Gene: xkcd_32 Start: 29452, Stop: 29736, Start Num: 43

Candidate Starts for xkcd_32:

(Start: 43 @29452 has 575 MA's), (46, 29536), (47, 29566), (54, 29653),