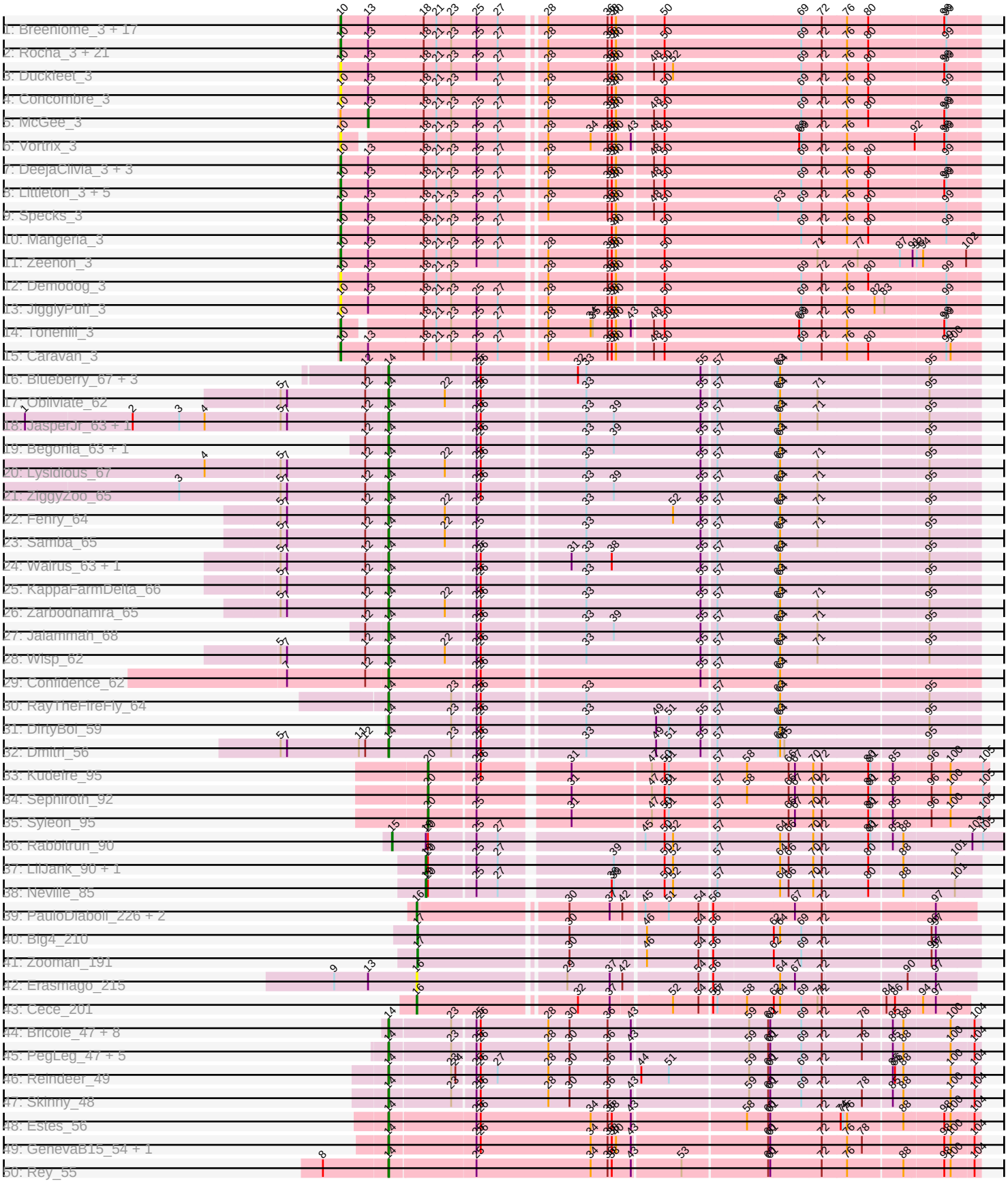
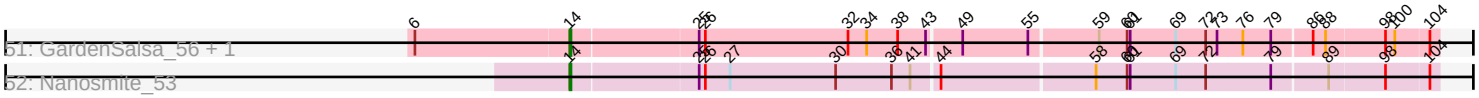
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1: Breeniome_3 + 17
2: Rocha_3 + 21
3: Duckfeet_3
4: Concombre_3
5: McGee_3
6: Vortrix_3
7: DeejaCivia_3 + 3
8: Littleton_3 + 5
9: Specks_3
10: Mangeria_3
11: Zeenon_3
12: Demodog_3
13: JigglyPuff_3
14: Tohenili_3
15: Caravan_3
16: Blueberry_67 + 3
17: Obliviate_62
18: JasperJr_63 + 1
19: Begonia_63 + 1
20: Lysidious_67
21: ZiggyZoo_65
22: Fenry_64
23: Samba_65
24: Walrus_63 + 1
25: KappaFarmDelta_66
26: Zarboonamra_65
27: Jalamman_68
28: Wisp_62
29: Confidence_62
30: RayTheFireFly_64
31: DirtyBoi_59
32: Dmitri_56
33: Kudeire_95
34: Sephiroth_92
35: Syleon_95
36: Rabbitrun_90
37: LilJank_90 + 1
38: Neville_85
39: PauloDiaboli_226 + 2
40: Big4_210
41: Zooman_191
42: Erasmago_215
43: Cece_201
44: Bricole_47 + 8
45: PegLeg_47 + 5
46: Reindeer_49
47: Skinny_48
48: Estes_56
49: GenevaB15_54 + 1
50: Rey_55

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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 347398 Report

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

Pham number 347398 has 122 members, 20 are drafts.

Phages represented in each track:
• Track 1 : Breeniome_3, Kboogie_3, Drazdys_3, Morizzled23_3, Flabslab_3, Derek_3, ArcherS7_3, Chargie21_3, JPickles_3, BackyardAgain_3, Fixie_3, ShiaLabeouf_3, Basquiat_3, BobaPhatt_3, Fludd_3, Tyke_3, SmallFry_3, LifeSavor_3
• Track 2 : Rocha_3, BigCity_5, JayJay_3, Grungle_3, CharlieB_3, I3_3, EggyFarm_5, LookingGlass_3, Grasshills_5, Moby_3, Lunareta_3, SiwenD96_3, Lethe_3, Bigswole_3, Nappy_3, Moiqah_3, StephanieG_3, Dandelion_2, JulietS_3, NoodleTree_3, Astraea_3, Montpel_3
• Track 3 : Duckfeet_3
• Track 4 : Concombre_3
• Track 5 : McGee_3
• Track 6 : Vortrix_3
• Track 7 : DeejaClivia_3, Yassified_3, Halldule_3, Bxz1_3
• Track 8 : Littleton_3, ScottMcG_3, Blackbrain_3, EasyJones_3, Catera_3, Melpomini_3
• Track 9 : Specks_3
• Track 10 : Mangeria_3
• Track 11 : Zeenon_3
• Track 12 : Demodog_3
• Track 13 : JigglyPuff_3
• Track 14 : Tonenili_3
• Track 15 : Caravan_3
• Track 16 : Blueberry_67, Gambino_70, Azula_68, MissRona_68
• Track 17 : Obliviate_62
• Track 18 : JasperJr_63, Guacamole_63
• Track 19 : Begonia_63, Malachai_63
• Track 20 : Lysidious_67
• Track 21 : ZiggyZoo_65
• Track 22 : Fenry_64
• Track 23 : Samba_65
• Track 24 : Walrus_63, Pipp_67
• Track 25 : KappaFarmDelta_66
• Track 26 : Zarbodnamra_65
• Track 27 : Jalammah_68
• Track 28 : Wisp_62
• Track 29 : Confidence_62
• Track 30 : RayTheFireFly_64

• Track 31 : DirtyBoi_59
• Track 32 : Dmitri_56
• Track 33 : Kudefre_95
• Track 34 : Sephiroth_92
• Track 35 : Syleon_95
• Track 36 : Rabbitrun_90
• Track 37 : LilJank_90, Trax_88
• Track 38 : Neville_85
• Track 39 : PauloDiaboli_226, A3Wally_226, Dodo_222
• Track 40 : Big4_210
• Track 41 : Zooman_191
• Track 42 : Erasmago_215
• Track 43 : Cece_201
• Track 44 : Bricole_47, FreakyGoo_48, Diminimus_48, SlimJimmy_46, Auspice_47, Dulcita_48, Izel_48, Glaske16_48, KleverKiS_48
• Track 45 : PegLeg_47, LilhomieP_46, Bongo_47, IPhane7_47, TpudiCK_49, TyDawg_47
• Track 46 : Reindeer_49
• Track 47 : Skinny_48
• Track 48 : Estes_56
• Track 49 : GenevaB15_54, Aziz_54
• Track 50 : Rey_55
• Track 51 : GardenSalsa_56, MrMagoo_56
• Track 52 : Nanosmite_53

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

The start number called the most often in the published annotations is 14, it was called in 45 of the 102 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Auspice_47, Aziz_54, Azula_68, Begonia_63, Blueberry_67, Bongo_47, Bricole_47, Confidence_62, Diminimus_48, DirtyBoi_59, Dmitri_56, Dulcita_48, Estes_56, Fenry_64, FreakyGoo_48, Gambino_70, GardenSalsa_56, GenevaB15_54, Glaske16_48, Guacamole_63, IPhane7_47, Izel_48, Jalammah_68, JasperJr_63, KappaFarmDelta_66, KleverKiS_48, LilhomieP_46, Lysidious_67, Malachai_63, MissRona_68, MrMagoo_56, Nanosmite_53, Obliviate_62, PegLeg_47, Pipp_67, RayTheFireFly_64, Reindeer_49, Rey_55, Samba_65, Skinny_48, SlimJimmy_46, TpudiCK_49, TyDawg_47, Walrus_63, Wisp_62, Zarbodnamra_65, ZiggyZoo_65,

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

Genes that do not have the "Most Annotated" start:
• A3Wally_226, ArcherS7_3, Astraea_3, BackyardAgain_3, Basquiat_3, Big4_210, BigCity_5, Bigswole_3, Blackbrain_3, BobaPhatt_3, Breeniome_3, Bxz1_3, Caravan_3, Catera_3, Cece_201, Chargie21_3, CharlieB_3, Concombre_3, Dandelion_2, DeejaClivia_3, Demodog_3, Derek_3, Dodo_222, Drazdys_3, Duckfeet_3, EasyJones_3, EggyFarm_5, Erasmago_215, Fixie_3, Flabslab_3, Fludd_3, Grasshills_5, Grungle_3, Halldule_3, I3_3, JPickles_3, JayJay_3,

JigglyPuff_3, JulietS_3, Kboogie_3, Kudefre_95, Lethe_3, LifeSavor_3, LilJank_90, Littleton_3, LookingGlass_3, Lunareta_3, Mangeria_3, McGee_3, Melpomini_3, Moby_3, Moiqah_3, Montpel_3, Morizzled23_3, Nappy_3, Neville_85, NoodleTree_3, PauloDiaboli_226, Rabbitrun_90, Rocha_3, ScottMcG_3, Sephiroth_92, ShiaLabeouf_3, SiwenD96_3, SmallFry_3, Specks_3, StephanieG_3, Syleon_95, Tonenili_3, Trax_88, Tyke_3, Vortrix_3, Yassified_3, Zeenon_3, Zooman_191,

Summary by start number:

Start 10:
• Found in 61 of 122 (50.0%) of genes in pham
• Manual Annotations of this start: 43 of 102
• Called 98.4% of time when present
• Phage (with cluster) where this start called: ArcherS7_3 (C1), Astraea_3 (C1), BackyardAgain_3 (C1), Basquiat_3 (C1), BigCity_5 (C1), Bigswole_3 (C1), Blackbrain_3 (C1), BobaPhatt_3 (C1), Breeniome_3 (C1), Bxz1_3 (C1), Caravan_3 (C1), Catera_3 (C1), Chargie21_3 (C1), CharlieB_3 (C1), Concombre_3 (C1), Dandelion_2 (C1), DeejaClivia_3 (C1), Demodog_3 (C1), Derek_3 (C1), Drazdys_3 (C1), Duckfeet_3 (C1), EasyJones_3 (C1), EggyFarm_5 (C1), Fixie_3 (C1), Flabslab_3 (C1), Fludd_3 (C1), Grasshills_5 (C1), Grungle_3 (C1), Halldule_3 (C1), I3_3 (C1), JPickles_3 (C1), JayJay_3 (C1), JigglyPuff_3 (C1), JulietS_3 (C1), Kboogie_3 (C1), Lethe_3 (C1), LifeSavor_3 (C1), Littleton_3 (C1), LookingGlass_3 (C1), Lunareta_3 (C1), Mangeria_3 (C1), Melpomini_3 (C1), Moby_3 (C1), Moiqah_3 (C1), Montpel_3 (C1), Morizzled23_3 (C1), Nappy_3 (C1), NoodleTree_3 (C1), Rocha_3 (C1), ScottMcG_3 (C1), ShiaLabeouf_3 (C1), SiwenD96_3 (C1), SmallFry_3 (C1), Specks_3 (C1), StephanieG_3 (C1), Tonenili_3 (C1), Tyke_3 (C1), Vortrix_3 (C1), Yassified_3 (C1), Zeenon_3 (C1),

Start 13:
• Found in 60 of 122 (49.2%) of genes in pham
• Manual Annotations of this start: 1 of 102
• Called 1.7% of time when present
• Phage (with cluster) where this start called: McGee_3 (C1),

Start 14:
• Found in 47 of 122 (38.5%) of genes in pham
• Manual Annotations of this start: 45 of 102
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Auspice_47 (M1), Aziz_54 (M2), Azula_68 (CV), Begonia_63 (CV), Blueberry_67 (CV), Bongo_47 (M1), Bricole_47 (M1), Confidence_62 (CY1), Diminimus_48 (M1), DirtyBoi_59 (DB), Dmitri_56 (DB), Dulcita_48 (M1), Estes_56 (M2), Fenry_64 (CV), FreakyGoo_48 (M1), Gambino_70 (CV), GardenSalsa_56 (M2), GenevaB15_54 (M2), Glaske16_48 (M1), Guacamole_63 (CV), IPhane7_47 (M1), Izel_48 (M1), Jalammah_68 (CV), JasperJr_63 (CV), KappaFarmDelta_66 (CV), KleverKiS_48 (M1), LilhomieP_46 (M1), Lysidious_67 (CV), Malachai_63 (CV), MissRona_68 (CV), MrMagoo_56 (M2), Nanosmite_53 (M3), Obliviate_62 (CV), PegLeg_47 (M1), Pipp_67 (CV), RayTheFireFly_64 (DB), Reindeer_49 (M1), Rey_55 (M2), Samba_65 (CV), Skinny_48 (M1), SlimJimmy_46 (M1), TpudiCK_49 (M1), TyDawg_47 (M1), Walrus_63 (CV), Wisp_62 (CV), Zarbodnamra_65 (CV), ZiggyZoo_65 (CV),

Start 15:
• Found in 1 of 122 (0.8%) of genes in pham

• Manual Annotations of this start: 1 of 102
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Rabbitrun_90 (DU2),

Start 16:
• Found in 5 of 122 (4.1%) of genes in pham
• Manual Annotations of this start: 4 of 102
• Called 100.0% of time when present
• Phage (with cluster) where this start called: A3Wally_226 (GD1), Cece_201 (GD3), Dodo_222 (GD1), Erasmago_215 (GD2), PauloDiaboli_226 (GD1),

Start 17:
• Found in 2 of 122 (1.6%) of genes in pham
• Manual Annotations of this start: 2 of 102
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Big4_210 (GD2), Zooman_191 (GD2),

Start 19:
• Found in 4 of 122 (3.3%) of genes in pham
• Manual Annotations of this start: 3 of 102
• Called 75.0% of time when present
• Phage (with cluster) where this start called: LilJank_90 (DU2), Neville_85 (DU2), Trax_88 (DU2),

Start 20:
• Found in 7 of 122 (5.7%) of genes in pham
• Manual Annotations of this start: 3 of 102
• Called 42.9% of time when present
• Phage (with cluster) where this start called: Kudefre_95 (DU1), Sephiroth_92 (DU1), Syleon_95 (DU1),

Summary by clusters:

There are 12 clusters represented in this pham: GD1, CY1, GD3, DU2, DB, GD2, M1, M3, M2, DU1, C1, CV,

Info for manual annotations of cluster C1:
•Start number 10 was manually annotated 43 times for cluster C1.
•Start number 13 was manually annotated 1 time for cluster C1.

Info for manual annotations of cluster CV:
•Start number 14 was manually annotated 19 times for cluster CV.

Info for manual annotations of cluster CY1:
•Start number 14 was manually annotated 1 time for cluster CY1.

Info for manual annotations of cluster DB:
•Start number 14 was manually annotated 3 times for cluster DB.

Info for manual annotations of cluster DU1:
•Start number 20 was manually annotated 3 times for cluster DU1.

Info for manual annotations of cluster DU2:

•Start number 15 was manually annotated 1 time for cluster DU2.
•Start number 19 was manually annotated 3 times for cluster DU2.

Info for manual annotations of cluster GD1:
•Start number 16 was manually annotated 3 times for cluster GD1.

Info for manual annotations of cluster GD2:
•Start number 17 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:
•Start number 16 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster M1:
•Start number 14 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:
•Start number 14 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:
•Start number 14 was manually annotated 1 time for cluster M3.

Gene Information:

Gene: A3Wally_226 Start: 120716, Stop: 121450, Start Num: 16
Candidate Starts for A3Wally_226:
(Start: 16 @120716 has 4 MA's), (30, 120911), (37, 120968), (42, 120983), (45, 121007), (51, 121040), (54, 121082), (56, 121097), (67, 121208), (72, 121244), (97, 121394),

Gene: ArcherS7_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for ArcherS7_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Astraea_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Astraea_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Auspice_47 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for Auspice_47:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: Aziz_54 Start: 37868, Stop: 37068, Start Num: 14
Candidate Starts for Aziz_54:
(Start: 14 @37868 has 45 MA's), (25, 37751), (26, 37745), (34, 37589), (36, 37565), (38, 37559), (40, 37553), (43, 37532), (60, 37349), (61, 37346), (72, 37277), (76, 37244), (78, 37223), (98, 37115), (100, 37106), (104, 37076),

Gene: Azula_68 Start: 44110, Stop: 44895, Start Num: 14
Candidate Starts for Azula_68:
(12, 44080), (Start: 14 @44110 has 45 MA's), (25, 44227), (26, 44233), (32, 44353), (33, 44365), (55, 44527), (57, 44545), (63, 44626), (64, 44629), (95, 44827),

Gene: BackyardAgain_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for BackyardAgain_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Basquiat_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for Basquiat_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (50, 891), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: Begonia_63 Start: 42626, Stop: 43411, Start Num: 14
Candidate Starts for Begonia_63:
(12, 42596), (Start: 14 @42626 has 45 MA's), (25, 42743), (26, 42749), (33, 42881), (39, 42920), (55, 43043), (57, 43061), (63, 43142), (64, 43145), (95, 43343),

Gene: Big4_210 Start: 117042, Stop: 117785, Start Num: 17
Candidate Starts for Big4_210:
(Start: 17 @117042 has 2 MA's), (30, 117240), (46, 117339), (54, 117411), (56, 117426), (62, 117507), (64, 117516), (69, 117546), (72, 117573), (96, 117717), (97, 117723),

Gene: BigCity_5 Start: 1066, Stop: 1932, Start Num: 10
Candidate Starts for BigCity_5:
(Start: 10 @1066 has 43 MA's), (Start: 13 @1105 has 1 MA's), (18, 1183), (21, 1201), (23, 1222), (25, 1258), (27, 1288), (28, 1342), (36, 1426), (38, 1432), (40, 1438), (50, 1501), (69, 1693), (72, 1720), (76, 1753), (80, 1783), (99, 1888),

Gene: Bigswole_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Bigswole_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Blackbrain_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Blackbrain_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Blueberry_67 Start: 44110, Stop: 44895, Start Num: 14
Candidate Starts for Blueberry_67:
(12, 44080), (Start: 14 @44110 has 45 MA's), (25, 44227), (26, 44233), (32, 44353), (33, 44365), (55, 44527), (57, 44545), (63, 44626), (64, 44629), (95, 44827),

Gene: BobaPhatt_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for BobaPhatt_3:

(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (98, 1296), (99, 1299),

Gene: Bongo_47 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for Bongo_47:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: Breeniome_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Breeniome_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Bricole_47 Start: 35914, Stop: 35117, Start Num: 14
Candidate Starts for Bricole_47:
(Start: 14 @35914 has 45 MA's), (23, 35830), (25, 35800), (26, 35794), (28, 35698), (30, 35668), (36, 35614), (43, 35581), (59, 35425), (60, 35398), (61, 35395), (69, 35353), (72, 35326), (78, 35272), (85, 35233), (88, 35218), (100, 35155), (104, 35125),

Gene: Bxz1_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Bxz1_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Caravan_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Caravan_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295), (100, 1301),

Gene: Catera_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Catera_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (48, 897), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (98, 1296), (99, 1299),

Gene: Cece_201 Start: 121407, Stop: 122135, Start Num: 16
Candidate Starts for Cece_201:
(Start: 16 @121407 has 4 MA's), (32, 121617), (37, 121662), (52, 121740), (54, 121776), (56, 121791), (57, 121797), (58, 121836), (62, 121872), (64, 121881), (69, 121911), (71, 121932), (72, 121938), (84, 122022), (86, 122034), (94, 122070), (97, 122088),

Gene: Chargie21_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for Chargie21_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (50, 891), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: CharlieB_3 Start: 473, Stop: 1339, Start Num: 10

Candidate Starts for CharlieB_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Concombre_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Concombre_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Confidence_62 Start: 41352, Stop: 42137, Start Num: 14
Candidate Starts for Confidence_62:
(7, 41211), (12, 41322), (Start: 14 @41352 has 45 MA's), (25, 41469), (26, 41475), (55, 41769), (57, 41787), (63, 41868), (64, 41871),

Gene: Dandelion_2 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Dandelion_2:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: DeejaClivia_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for DeejaClivia_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (48, 897), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Demodog_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Demodog_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Derek_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Derek_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Diminimus_48 Start: 35927, Stop: 35130, Start Num: 14
Candidate Starts for Diminimus_48:
(Start: 14 @35927 has 45 MA's), (23, 35843), (25, 35813), (26, 35807), (28, 35711), (30, 35681), (36, 35627), (43, 35594), (59, 35438), (60, 35411), (61, 35408), (69, 35366), (72, 35339), (78, 35285), (85, 35246), (88, 35231), (100, 35168), (104, 35138),

Gene: DirtyBoi_59 Start: 38234, Stop: 39019, Start Num: 14
Candidate Starts for DirtyBoi_59:
(Start: 14 @38234 has 45 MA's), (23, 38321), (25, 38351), (26, 38357), (33, 38489), (49, 38588), (51, 38606), (55, 38651), (57, 38669), (63, 38750), (64, 38753), (95, 38951),

Gene: Dmitri_56 Start: 40718, Stop: 41503, Start Num: 14
Candidate Starts for Dmitri_56:

(5, 40565), (7, 40574), (11, 40676), (12, 40685), (Start: 14 @40718 has 45 MA's), (23, 40805), (25, 40835), (26, 40841), (33, 40973), (49, 41072), (51, 41090), (55, 41135), (57, 41153), (63, 41234), (64, 41237), (65, 41243), (95, 41435),

Gene: Dodo_222 Start: 120518, Stop: 121252, Start Num: 16
Candidate Starts for Dodo_222:
(Start: 16 @120518 has 4 MA's), (30, 120713), (37, 120770), (42, 120785), (45, 120809), (51, 120842), (54, 120884), (56, 120899), (67, 121010), (72, 121046), (97, 121196),

Gene: Drazdys_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Drazdys_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Duckfeet_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for Duckfeet_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (48, 876), (50, 891), (52, 903), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: Dulcita_48 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for Dulcita_48:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: EasyJones_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for EasyJones_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (48, 876), (50, 891), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: EggyFarm_5 Start: 1066, Stop: 1932, Start Num: 10
Candidate Starts for EggyFarm_5:
(Start: 10 @1066 has 43 MA's), (Start: 13 @1105 has 1 MA's), (18, 1183), (21, 1201), (23, 1222), (25, 1258), (27, 1288), (28, 1342), (36, 1426), (38, 1432), (40, 1438), (50, 1501), (69, 1693), (72, 1720), (76, 1753), (80, 1783), (99, 1888),

Gene: Erasmago_215 Start: 115269, Stop: 116006, Start Num: 16
Candidate Starts for Erasmago_215:
(9, 115152), (Start: 13 @115200 has 1 MA's), (Start: 16 @115269 has 4 MA's), (29, 115464), (37, 115524), (42, 115539), (54, 115638), (56, 115653), (64, 115743), (67, 115764), (72, 115800), (90, 115914), (97, 115950),

Gene: Estes_56 Start: 38134, Stop: 37334, Start Num: 14
Candidate Starts for Estes_56:
(Start: 14 @38134 has 45 MA's), (25, 38017), (26, 38011), (34, 37855), (36, 37831), (38, 37825), (43, 37798), (58, 37645), (60, 37615), (61, 37612), (72, 37543), (74, 37519), (75, 37516), (76, 37510), (88, 37435), (98, 37381), (100, 37372), (104, 37342),

Gene: Fenry_64 Start: 42529, Stop: 43314, Start Num: 14
Candidate Starts for Fenry_64:

(5, 42379), (7, 42388), (12, 42499), (Start: 14 @42529 has 45 MA's), (22, 42607), (25, 42646), (33, 42784), (52, 42907), (55, 42946), (57, 42964), (63, 43045), (64, 43048), (71, 43099), (95, 43246),

Gene: Fixie_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for Fixie_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (50, 891), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: Flabslab_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Flabslab_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Fludd_3 Start: 459, Stop: 1325, Start Num: 10
Candidate Starts for Fludd_3:
(Start: 10 @459 has 43 MA's), (Start: 13 @498 has 1 MA's), (18, 576), (21, 594), (23, 615), (25, 651), (27, 681), (28, 735), (36, 819), (38, 825), (40, 831), (50, 894), (69, 1086), (72, 1113), (76, 1146), (80, 1176), (98, 1278), (99, 1281),

Gene: FreakyGoo_48 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for FreakyGoo_48:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: Gambino_70 Start: 44110, Stop: 44895, Start Num: 14
Candidate Starts for Gambino_70:
(12, 44080), (Start: 14 @44110 has 45 MA's), (25, 44227), (26, 44233), (32, 44353), (33, 44365), (55, 44527), (57, 44545), (63, 44626), (64, 44629), (95, 44827),

Gene: GardenSalsa_56 Start: 38232, Stop: 37432, Start Num: 14
Candidate Starts for GardenSalsa_56:
(6, 38379), (Start: 14 @38232 has 45 MA's), (25, 38115), (26, 38109), (32, 37971), (34, 37953), (38, 37923), (43, 37896), (49, 37866), (55, 37803), (59, 37740), (60, 37713), (61, 37710), (69, 37668), (72, 37641), (73, 37632), (76, 37608), (79, 37581), (86, 37545), (88, 37533), (98, 37479), (100, 37470), (104, 37440),

Gene: GenevaB15_54 Start: 37868, Stop: 37068, Start Num: 14
Candidate Starts for GenevaB15_54:
(Start: 14 @37868 has 45 MA's), (25, 37751), (26, 37745), (34, 37589), (36, 37565), (38, 37559), (40, 37553), (43, 37532), (60, 37349), (61, 37346), (72, 37277), (76, 37244), (78, 37223), (98, 37115), (100, 37106), (104, 37076),

Gene: Glaske16_48 Start: 35927, Stop: 35130, Start Num: 14
Candidate Starts for Glaske16_48:
(Start: 14 @35927 has 45 MA's), (23, 35843), (25, 35813), (26, 35807), (28, 35711), (30, 35681), (36, 35627), (43, 35594), (59, 35438), (60, 35411), (61, 35408), (69, 35366), (72, 35339), (78, 35285), (85, 35246), (88, 35231), (100, 35168), (104, 35138),

Gene: Grasshills_5 Start: 1066, Stop: 1932, Start Num: 10
Candidate Starts for Grasshills_5:

(Start: 10 @1066 has 43 MA's), (Start: 13 @1105 has 1 MA's), (18, 1183), (21, 1201), (23, 1222), (25, 1258), (27, 1288), (28, 1342), (36, 1426), (38, 1432), (40, 1438), (50, 1501), (69, 1693), (72, 1720), (76, 1753), (80, 1783), (99, 1888),

Gene: Grungle_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Grungle_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Guacamole_63 Start: 41500, Stop: 42285, Start Num: 14
Candidate Starts for Guacamole_63:
(1, 40993), (2, 41143), (3, 41209), (4, 41245), (5, 41350), (7, 41359), (12, 41470), (Start: 14 @41500 has 45 MA's), (25, 41617), (26, 41623), (33, 41755), (39, 41794), (55, 41917), (57, 41935), (63, 42016), (64, 42019), (71, 42070), (95, 42217),

Gene: Halldule_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Halldule_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: I3_3 Start: 475, Stop: 1341, Start Num: 10
Candidate Starts for I3_3:
(Start: 10 @475 has 43 MA's), (Start: 13 @514 has 1 MA's), (18, 592), (21, 610), (23, 631), (25, 667), (27, 697), (28, 751), (36, 835), (38, 841), (40, 847), (50, 910), (69, 1102), (72, 1129), (76, 1162), (80, 1192), (99, 1297),

Gene: IPhane7_47 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for IPhane7_47:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: Izel_48 Start: 35927, Stop: 35130, Start Num: 14
Candidate Starts for Izel_48:
(Start: 14 @35927 has 45 MA's), (23, 35843), (25, 35813), (26, 35807), (28, 35711), (30, 35681), (36, 35627), (43, 35594), (59, 35438), (60, 35411), (61, 35408), (69, 35366), (72, 35339), (78, 35285), (85, 35246), (88, 35231), (100, 35168), (104, 35138),

Gene: JPickles_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for JPickles_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (98, 1296), (99, 1299),

Gene: Jalammah_68 Start: 43432, Stop: 44217, Start Num: 14
Candidate Starts for Jalammah_68:
(12, 43402), (Start: 14 @43432 has 45 MA's), (25, 43549), (26, 43555), (33, 43687), (39, 43726), (55, 43849), (57, 43867), (63, 43948), (64, 43951), (71, 44002), (95, 44149),

Gene: JasperJr_63 Start: 41500, Stop: 42285, Start Num: 14
Candidate Starts for JasperJr_63:

(1, 40993), (2, 41143), (3, 41209), (4, 41245), (5, 41350), (7, 41359), (12, 41470), (Start: 14 @41500 has 45 MA's), (25, 41617), (26, 41623), (33, 41755), (39, 41794), (55, 41917), (57, 41935), (63, 42016), (64, 42019), (71, 42070), (95, 42217),

Gene: JayJay_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for JayJay_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: JigglyPuff_3 Start: 470, Stop: 1336, Start Num: 10
Candidate Starts for JigglyPuff_3:
(Start: 10 @470 has 43 MA's), (Start: 13 @509 has 1 MA's), (18, 587), (21, 605), (23, 626), (25, 662), (27, 692), (28, 746), (36, 830), (38, 836), (40, 842), (50, 905), (69, 1097), (72, 1124), (76, 1157), (82, 1196), (83, 1208), (99, 1292),

Gene: JulietS_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for JulietS_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: KappaFarmDelta_66 Start: 40666, Stop: 41451, Start Num: 14
Candidate Starts for KappaFarmDelta_66:
(5, 40516), (7, 40525), (12, 40636), (Start: 14 @40666 has 45 MA's), (25, 40783), (26, 40789), (33, 40921), (55, 41083), (57, 41101), (63, 41182), (64, 41185), (95, 41383),

Gene: Kboogie_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Kboogie_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: KleverKiS_48 Start: 35908, Stop: 35111, Start Num: 14
Candidate Starts for KleverKiS_48:
(Start: 14 @35908 has 45 MA's), (23, 35824), (25, 35794), (26, 35788), (28, 35692), (30, 35662), (36, 35608), (43, 35575), (59, 35419), (60, 35392), (61, 35389), (69, 35347), (72, 35320), (78, 35266), (85, 35227), (88, 35212), (100, 35149), (104, 35119),

Gene: Kudefre_95 Start: 56708, Stop: 57451, Start Num: 20
Candidate Starts for Kudefre_95:
(Start: 20 @56708 has 3 MA's), (25, 56771), (26, 56777), (31, 56888), (47, 56996), (50, 57014), (51, 57020), (57, 57083), (58, 57125), (66, 57182), (67, 57191), (70, 57215), (72, 57227), (80, 57290), (81, 57293), (85, 57320), (96, 57371), (100, 57398), (105, 57443),

Gene: Lethe_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Lethe_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: LifeSavor_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for LifeSavor_3:

(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: LilJank_90 Start: 56243, Stop: 56977, Start Num: 19
Candidate Starts for LilJank_90:
(Start: 19 @56243 has 3 MA's), (Start: 20 @56246 has 3 MA's), (25, 56309), (27, 56339), (39, 56486), (50, 56552), (52, 56564), (57, 56621), (64, 56708), (66, 56720), (70, 56753), (72, 56765), (80, 56828), (88, 56873), (101, 56942),

Gene: LilhomieP_46 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for LilhomieP_46:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: Littleton_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Littleton_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (48, 897), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (98, 1296), (99, 1299),

Gene: LookingGlass_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for LookingGlass_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Lunareta_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Lunareta_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Lysidious_67 Start: 43158, Stop: 43943, Start Num: 14
Candidate Starts for Lysidious_67:
(4, 42906), (5, 43008), (7, 43017), (12, 43128), (Start: 14 @43158 has 45 MA's), (22, 43236), (25, 43275), (26, 43281), (33, 43413), (55, 43575), (57, 43593), (63, 43674), (64, 43677), (71, 43728), (95, 43875),

Gene: Malachai_63 Start: 42626, Stop: 43411, Start Num: 14
Candidate Starts for Malachai_63:
(12, 42596), (Start: 14 @42626 has 45 MA's), (25, 42743), (26, 42749), (33, 42881), (39, 42920), (55, 43043), (57, 43061), (63, 43142), (64, 43145), (95, 43343),

Gene: Mangeria_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Mangeria_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: McGee_3 Start: 512, Stop: 1339, Start Num: 13
Candidate Starts for McGee_3:

(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Melpomini_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for Melpomini_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (48, 876), (50, 891), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: MissRona_68 Start: 44111, Stop: 44896, Start Num: 14
Candidate Starts for MissRona_68:
(12, 44081), (Start: 14 @44111 has 45 MA's), (25, 44228), (26, 44234), (32, 44354), (33, 44366), (55, 44528), (57, 44546), (63, 44627), (64, 44630), (95, 44828),

Gene: Moby_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Moby_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Moiqah_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Moiqah_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Montpel_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Montpel_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Morizzled23_3 Start: 456, Stop: 1322, Start Num: 10
Candidate Starts for Morizzled23_3:
(Start: 10 @456 has 43 MA's), (Start: 13 @495 has 1 MA's), (18, 573), (21, 591), (23, 612), (25, 648), (27, 678), (28, 732), (36, 816), (38, 822), (40, 828), (50, 891), (69, 1083), (72, 1110), (76, 1143), (80, 1173), (98, 1275), (99, 1278),

Gene: MrMagoo_56 Start: 38232, Stop: 37432, Start Num: 14
Candidate Starts for MrMagoo_56:
(6, 38379), (Start: 14 @38232 has 45 MA's), (25, 38115), (26, 38109), (32, 37971), (34, 37953), (38, 37923), (43, 37896), (49, 37866), (55, 37803), (59, 37740), (60, 37713), (61, 37710), (69, 37668), (72, 37641), (73, 37632), (76, 37608), (79, 37581), (86, 37545), (88, 37533), (98, 37479), (100, 37470), (104, 37440),

Gene: Nanosmite_53 Start: 37550, Stop: 36750, Start Num: 14
Candidate Starts for Nanosmite_53:
(Start: 14 @37550 has 45 MA's), (25, 37433), (26, 37427), (27, 37403), (30, 37301), (36, 37247), (41, 37229), (44, 37205), (58, 37061), (60, 37031), (61, 37028), (69, 36986), (72, 36959), (79, 36899), (89, 36848), (98, 36797), (104, 36758),

Gene: Nappy_3 Start: 473, Stop: 1339, Start Num: 10

Candidate Starts for Nappy_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Neville_85 Start: 54863, Stop: 55597, Start Num: 19
Candidate Starts for Neville_85:
(Start: 19 @54863 has 3 MA's), (Start: 20 @54866 has 3 MA's), (25, 54929), (27, 54959), (38, 55103), (39, 55106), (50, 55172), (52, 55184), (57, 55241), (64, 55328), (66, 55340), (70, 55373), (72, 55385), (80, 55448), (88, 55493), (101, 55562),

Gene: NoodleTree_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for NoodleTree_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Obliviate_62 Start: 39884, Stop: 40669, Start Num: 14
Candidate Starts for Obliviate_62:
(5, 39734), (7, 39743), (12, 39854), (Start: 14 @39884 has 45 MA's), (22, 39962), (25, 40001), (26, 40007), (33, 40139), (55, 40301), (57, 40319), (63, 40400), (64, 40403), (71, 40454), (95, 40601),

Gene: PauloDiaboli_226 Start: 118929, Stop: 119663, Start Num: 16
Candidate Starts for PauloDiaboli_226:
(Start: 16 @118929 has 4 MA's), (30, 119124), (37, 119181), (42, 119196), (45, 119220), (51, 119253), (54, 119295), (56, 119310), (67, 119421), (72, 119457), (97, 119607),

Gene: PegLeg_47 Start: 35927, Stop: 35130, Start Num: 14
Candidate Starts for PegLeg_47:
(Start: 14 @35927 has 45 MA's), (23, 35843), (25, 35813), (26, 35807), (28, 35711), (30, 35681), (36, 35627), (43, 35594), (59, 35438), (60, 35411), (61, 35408), (69, 35366), (72, 35339), (78, 35285), (85, 35246), (88, 35231), (100, 35168), (104, 35138),

Gene: Pipp_67 Start: 41988, Stop: 42773, Start Num: 14
Candidate Starts for Pipp_67:
(5, 41838), (7, 41847), (12, 41958), (Start: 14 @41988 has 45 MA's), (25, 42105), (26, 42111), (31, 42222), (33, 42243), (38, 42279), (55, 42405), (57, 42423), (63, 42504), (64, 42507), (95, 42705),

Gene: Rabbitrun_90 Start: 55546, Stop: 56391, Start Num: 15
Candidate Starts for Rabbitrun_90:
(Start: 15 @55546 has 1 MA's), (Start: 19 @55594 has 3 MA's), (Start: 20 @55597 has 3 MA's), (25, 55660), (27, 55690), (45, 55876), (50, 55903), (52, 55915), (57, 55972), (64, 56059), (66, 56071), (70, 56104), (72, 56116), (80, 56179), (81, 56182), (85, 56209), (88, 56224), (103, 56317), (105, 56332),

Gene: RayTheFireFly_64 Start: 40609, Stop: 41394, Start Num: 14
Candidate Starts for RayTheFireFly_64:
(Start: 14 @40609 has 45 MA's), (23, 40696), (25, 40726), (26, 40732), (33, 40864), (57, 41044), (63, 41125), (64, 41128), (95, 41326),

Gene: Reindeer_49 Start: 37136, Stop: 36339, Start Num: 14
Candidate Starts for Reindeer_49:
(Start: 14 @37136 has 45 MA's), (23, 37052), (24, 37046), (25, 37022), (26, 37016), (27, 36992), (28, 36920), (30, 36890), (36, 36836), (44, 36794), (51, 36755), (59, 36647), (60, 36620), (61, 36617), (69,

36575), (72, 36548), (85, 36455), (86, 36452), (88, 36440), (100, 36377), (104, 36347),

Gene: Rey_55 Start: 38168, Stop: 37368, Start Num: 14
Candidate Starts for Rey_55:
(8, 38258), (Start: 14 @38168 has 45 MA's), (25, 38051), (34, 37889), (36, 37865), (38, 37859), (43, 37832), (53, 37766), (60, 37649), (61, 37646), (72, 37577), (76, 37544), (88, 37469), (98, 37415), (100, 37406), (104, 37376),

Gene: Rocha_3 Start: 470, Stop: 1336, Start Num: 10
Candidate Starts for Rocha_3:
(Start: 10 @470 has 43 MA's), (Start: 13 @509 has 1 MA's), (18, 587), (21, 605), (23, 626), (25, 662), (27, 692), (28, 746), (36, 830), (38, 836), (40, 842), (50, 905), (69, 1097), (72, 1124), (76, 1157), (80, 1187), (99, 1292),

Gene: Samba_65 Start: 43857, Stop: 44642, Start Num: 14
Candidate Starts for Samba_65:
(5, 43707), (7, 43716), (12, 43827), (Start: 14 @43857 has 45 MA's), (22, 43935), (25, 43974), (33, 44112), (55, 44274), (57, 44292), (63, 44373), (64, 44376), (71, 44427), (95, 44574),

Gene: ScottMcG_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for ScottMcG_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Sephiroth_92 Start: 56677, Stop: 57420, Start Num: 20
Candidate Starts for Sephiroth_92:
(Start: 20 @56677 has 3 MA's), (25, 56740), (31, 56857), (47, 56965), (50, 56983), (51, 56989), (57, 57052), (58, 57094), (66, 57151), (67, 57160), (70, 57184), (72, 57196), (80, 57259), (81, 57262), (85, 57289), (96, 57340), (100, 57367), (105, 57412),

Gene: ShiaLabeouf_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for ShiaLabeouf_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: SiwenD96_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for SiwenD96_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Skinny_48 Start: 36357, Stop: 35560, Start Num: 14
Candidate Starts for Skinny_48:
(Start: 14 @36357 has 45 MA's), (23, 36273), (25, 36243), (26, 36237), (28, 36141), (30, 36111), (36, 36057), (43, 36024), (59, 35868), (60, 35841), (61, 35838), (69, 35796), (72, 35769), (78, 35715), (85, 35676), (88, 35661), (100, 35598), (104, 35568),

Gene: SlimJimmy_46 Start: 35911, Stop: 35114, Start Num: 14
Candidate Starts for SlimJimmy_46:
(Start: 14 @35911 has 45 MA's), (23, 35827), (25, 35797), (26, 35791), (28, 35695), (30, 35665), (36, 35611), (43, 35578), (59, 35422), (60, 35395), (61, 35392), (69, 35350), (72, 35323), (78, 35269), (85,

35230), (88, 35215), (100, 35152), (104, 35122),

Gene: SmallFry_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for SmallFry_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Specks_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Specks_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (48, 893), (50, 908), (63, 1067), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: StephanieG_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for StephanieG_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (99, 1295),

Gene: Syleon_95 Start: 56627, Stop: 57370, Start Num: 20
Candidate Starts for Syleon_95:
(Start: 20 @56627 has 3 MA's), (25, 56690), (31, 56807), (47, 56915), (50, 56933), (51, 56939), (57, 57002), (66, 57101), (67, 57110), (70, 57134), (72, 57146), (80, 57209), (81, 57212), (85, 57239), (96, 57290), (100, 57317), (105, 57362),

Gene: Tonenili_3 Start: 467, Stop: 1318, Start Num: 10
Candidate Starts for Tonenili_3:
(Start: 10 @467 has 43 MA's), (18, 569), (21, 587), (23, 608), (25, 644), (27, 674), (28, 728), (34, 788), (35, 791), (36, 812), (38, 818), (40, 824), (43, 845), (48, 872), (50, 887), (68, 1076), (69, 1079), (72, 1106), (76, 1139), (98, 1271), (99, 1274),

Gene: TpudiCK_49 Start: 35927, Stop: 35130, Start Num: 14
Candidate Starts for TpudiCK_49:
(Start: 14 @35927 has 45 MA's), (23, 35843), (25, 35813), (26, 35807), (28, 35711), (30, 35681), (36, 35627), (43, 35594), (59, 35438), (60, 35411), (61, 35408), (69, 35366), (72, 35339), (78, 35285), (85, 35246), (88, 35231), (100, 35168), (104, 35138),

Gene: Trax_88 Start: 55858, Stop: 56592, Start Num: 19
Candidate Starts for Trax_88:
(Start: 19 @55858 has 3 MA's), (Start: 20 @55861 has 3 MA's), (25, 55924), (27, 55954), (39, 56101), (50, 56167), (52, 56179), (57, 56236), (64, 56323), (66, 56335), (70, 56368), (72, 56380), (80, 56443), (88, 56488), (101, 56557),

Gene: TyDawg_47 Start: 35928, Stop: 35131, Start Num: 14
Candidate Starts for TyDawg_47:
(Start: 14 @35928 has 45 MA's), (23, 35844), (25, 35814), (26, 35808), (28, 35712), (30, 35682), (36, 35628), (43, 35595), (59, 35439), (60, 35412), (61, 35409), (69, 35367), (72, 35340), (78, 35286), (85, 35247), (88, 35232), (100, 35169), (104, 35139),

Gene: Tyke_3 Start: 473, Stop: 1339, Start Num: 10
Candidate Starts for Tyke_3:

(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (69, 1100), (72, 1127), (76, 1160), (80, 1190), (98, 1292), (99, 1295),

Gene: Vortrix_3 Start: 467, Stop: 1318, Start Num: 10
Candidate Starts for Vortrix_3:
(Start: 10 @467 has 43 MA's), (18, 569), (21, 587), (23, 608), (25, 644), (27, 674), (28, 728), (34, 788), (36, 812), (38, 818), (40, 824), (43, 845), (48, 872), (50, 887), (68, 1076), (69, 1079), (72, 1106), (76, 1139), (92, 1232), (98, 1271), (99, 1274),

Gene: Walrus_63 Start: 40796, Stop: 41581, Start Num: 14
Candidate Starts for Walrus_63:
(5, 40646), (7, 40655), (12, 40766), (Start: 14 @40796 has 45 MA's), (25, 40913), (26, 40919), (31, 41030), (33, 41051), (38, 41087), (55, 41213), (57, 41231), (63, 41312), (64, 41315), (95, 41513),

Gene: Wisp_62 Start: 41649, Stop: 42434, Start Num: 14
Candidate Starts for Wisp_62:
(5, 41499), (7, 41508), (12, 41619), (Start: 14 @41649 has 45 MA's), (22, 41727), (25, 41766), (26, 41772), (33, 41904), (55, 42066), (57, 42084), (63, 42165), (64, 42168), (71, 42219), (95, 42366),

Gene: Yassified_3 Start: 477, Stop: 1343, Start Num: 10
Candidate Starts for Yassified_3:
(Start: 10 @477 has 43 MA's), (Start: 13 @516 has 1 MA's), (18, 594), (21, 612), (23, 633), (25, 669), (27, 699), (28, 753), (36, 837), (38, 843), (40, 849), (48, 897), (50, 912), (69, 1104), (72, 1131), (76, 1164), (80, 1194), (99, 1299),

Gene: Zarbodnamra_65 Start: 41043, Stop: 41828, Start Num: 14
Candidate Starts for Zarbodnamra_65:
(5, 40893), (7, 40902), (12, 41013), (Start: 14 @41043 has 45 MA's), (22, 41121), (25, 41160), (26, 41166), (33, 41298), (55, 41460), (57, 41478), (63, 41559), (64, 41562), (71, 41613), (95, 41760),

Gene: Zeenon_3 Start: 473, Stop: 1354, Start Num: 10
Candidate Starts for Zeenon_3:
(Start: 10 @473 has 43 MA's), (Start: 13 @512 has 1 MA's), (18, 590), (21, 608), (23, 629), (25, 665), (27, 695), (28, 749), (36, 833), (38, 839), (40, 845), (50, 908), (71, 1124), (77, 1181), (87, 1241), (91, 1259), (93, 1265), (94, 1274), (102, 1334),

Gene: ZiggyZoo_65 Start: 42702, Stop: 43487, Start Num: 14
Candidate Starts for ZiggyZoo_65:
(3, 42411), (5, 42552), (7, 42561), (12, 42672), (Start: 14 @42702 has 45 MA's), (25, 42819), (26, 42825), (33, 42957), (39, 42996), (55, 43119), (57, 43137), (63, 43218), (64, 43221), (71, 43272), (95, 43419),

Gene: Zooman_191 Start: 113275, Stop: 114018, Start Num: 17
Candidate Starts for Zooman_191:
(Start: 17 @113275 has 2 MA's), (30, 113473), (46, 113572), (54, 113644), (56, 113659), (62, 113740), (69, 113779), (72, 113806), (96, 113950), (97, 113956),