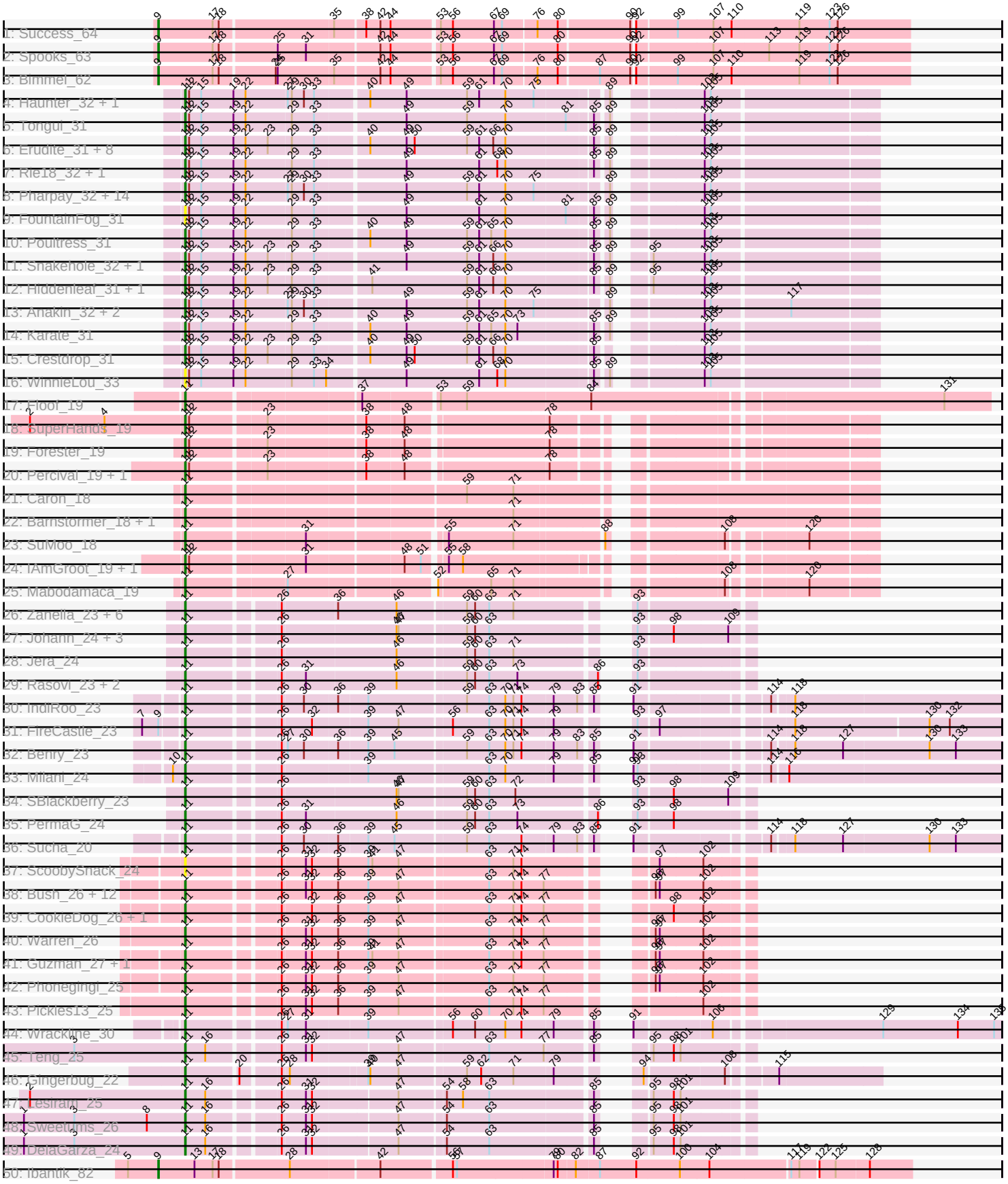
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1: Success_64
2: Spooks_63
3: Bimmel_62
4: Haunter_32 + 1
5: Tonguri_31
6: Erudite_31 + 8
7: Rie18_32 + 1
8: Pharpay_32 + 14
9: FountainFog_31
10: Poultress_31
11: Snakehole_32 + 1
12: Hiddenleaf_31 + 1
13: Anakin_32 + 2
14: Karate_31
15: Crestdrop_31
16: WinnieLou_33
17: Floof_19
18: SuperHands_19
19: Forester_19
20: Percival_19 + 1
21: Caron_18
22: Barnstormer_18 + 1
23: SuMoo_18
24: IAmGroot_19 + 1
25: Mabodamaca_19
26: Zanella_23 + 6
27: Johann_24 + 3
28: Jera_24
29: Rasovi_23 + 2
30: IndiRoo_23
31: FireCastle_23
32: Berry_23
33: Miami_24
34: SBlackberry_23
35: PermaG_24
36: Sucha_20
37: ScoobySnack_24
38: Bush_26 + 12
39: CookieDog_26 + 1
40: Warren_26
41: Guzman_27 + 1
42: Phonegingi_25
43: Pickles13_25
44: Wrackline_30
45: Teng_25
46: Gingerbug_22
47: Tesfaru_25
48: Sweetums_26
49: DelaGarza_24
50: Ibantik_82

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6
9
17
21
31
43
43
78
80
87
112
121
124
51: RunningOnE_75
9
12
14
25
35
40
44
56
59
62
64
80
82
86
107
111
115
119
52: Ponzi_57

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 347442 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 347442 has 108 members, 9 are drafts.

Phages represented in each track:
- Track 1 : Success_64
- Track 2 : Spooks_63
- Track 3 : Bimmel_62
- Track 4 : Haunter_32, Rachella_32
- Track 5 : Tongui_31
- Track 6 : Erudite_31, DannyDe_31, MortySmith_30, SilentWarrior_31, JingleBells_31, Aesir_31, Annapurna_31, JDawG_31, Dauntless_31
- Track 7 : Rie18_32, Hager_33
- Track 8 : Pharpay_32, Kate_32, CoolCookie_32, Krampus_32, OhDear_32, OverHedge_32, PhunaPhoke_32, AnnaSerena_32, Potty_32, Artiphact_32, Tedro_32, Cybele_32, Gilda_32, Neptune_32, Tiggy93_32
- Track 9 : FountainFog_31
- Track 10 : Poultress_31
- Track 11 : Snakehole_32, FreddieHg_31
- Track 12 : Hiddenleaf_31, Chivey_31
- Track 13 : Anakin_32, NarutoRun_32, SafetyGuy_32
- Track 14 : Karate_31
- Track 15 : Crestdrop_31
- Track 16 : WinnieLou_33
- Track 17 : Floof_19
- Track 18 : SuperHands_19
- Track 19 : Forester_19
- Track 20 : Percival_19, Gretchen_19
- Track 21 : Caron_18
- Track 22 : Barnstormer_18, UtzChips_18
- Track 23 : SuMoo_18
- Track 24 : IAmGroot_19, GardenState_19
- Track 25 : Mabodamaca_19
- Track 26 : Zanella_23, Labella_25, Alove_23, TurboVicky_23, Rootkit7_23, AyoTeo_25, Typher_25
- Track 27 : Johann_24, Cicada_25, Olympi_25, Goodman_24
- Track 28 : Jera_24
- Track 29 : Rasovi_23, Linayshia_23, Htur_23

• Track 30 : IndiRoo_23
• Track 31 : FireCastle_23
• Track 32 : Benry_23
• Track 33 : Milani_24
• Track 34 : SBlackberry_23
• Track 35 : PermaG_24
• Track 36 : Sucha_20
• Track 37 : ScoobySnack_24
• Track 38 : Bush_26, Antuna_26, Blett_26, Carrillo_27, NCRodriguez_27, Violeta_27, Jakelyne_27, MenE_26, Mariel_27, Losacky_27, Appa_25, PhillyJawn_26, Winchester007_27
• Track 39 : CookieDog_26, Dropshot_25
• Track 40 : Warren_26
• Track 41 : Guzman_27, Phingu_28
• Track 42 : Phonegingi_25
• Track 43 : Pickles13_25
• Track 44 : Wrackline_30
• Track 45 : Teng_25
• Track 46 : Gingerbug_22
• Track 47 : Lesiram_25
• Track 48 : Sweetums_26
• Track 49 : DelaGarza_24
• Track 50 : Ibantik_82
• Track 51 : RunningOnE_75
• Track 52 : Ponzi_57

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

The start number called the most often in the published annotations is 11, it was called in 93 of the 99 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aesir_31, Alove_23, Anakin_32, AnnaSerena_32, Annapurna_31, Antuna_26, Appa_25, Artiphact_32, AyoTeo_25, Barnstormer_18, Benry_23, Blett_26, Bush_26, Caron_18, Carrillo_27, Chivey_31, Cicada_25, CookieDog_26, CoolCookie_32, Crestdrop_31, Cybele_32, DannyDe_31, Dauntless_31, DelaGarza_24, Dropshot_25, Erudite_31, FireCastle_23, Floof_19, Forester_19, FountainFog_31, FreddieHg_31, GardenState_19, Gilda_32, Gingerbug_22, Goodman_24, Gretchen_19, Guzman_27, Hager_33, Haunter_32, Hiddenleaf_31, Htur_23, IAmGroot_19, IndiRoo_23, JDawG_31, Jakelyne_27, Jera_24, JingleBells_31, Johann_24, Karate_31, Kate_32, Krampus_32, Labella_25, Lesiram_25, Linayshia_23, Losacky_27, Mabodamaca_19, Mariel_27, MenE_26, Milani_24, MortySmith_30, NCRodriguez_27, NarutoRun_32, Neptune_32, OhDear_32, Olympi_25, OverHedge_32, Percival_19, PermaG_24, Pharpay_32, PhillyJawn_26, Phingu_28, Phonegingi_25, PhunaPhoke_32, Pickles13_25, Potty_32, Poultress_31, Rachella_32, Rasovi_23, Rie18_32, Rootkit7_23, SBlackberry_23, SafetyGuy_32, ScoobySnack_24, SilentWarrior_31, Snakehole_32, SuMoo_18, Sucha_20, SuperHands_19, Sweetums_26, Tedro_32, Teng_25, Tiggy93_32, Tongui_31, TurboVicky_23, Typher_25, UtzChips_18, Violeta_27, Warren_26, Winchester007_27, WinnieLou_33, Wrackline_30, Zanella_23,

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

Genes that do not have the "Most Annotated" start:
• Bimmel_62, Ibantik_82, Ponzi_57, RunningOnE_75, Spooks_63, Success_64,

Summary by start number:

Start 9:
• Found in 7 of 108 (6.5%) of genes in pham
• Manual Annotations of this start: 6 of 99
• Called 85.7% of time when present
• Phage (with cluster) where this start called: Bimmel_62 (BT), Ibantik_82 (JN), Ponzi_57 (singleton), RunningOnE_75 (JN), Spooks_63 (BT), Success_64 (BT),

Start 11:
• Found in 102 of 108 (94.4%) of genes in pham
• Manual Annotations of this start: 93 of 99
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aesir_31 (EF), Alove_23 (EJ), Anakin_32 (EF), AnnaSerena_32 (EF), Annapurna_31 (EF), Antuna_26 (GA), Appa_25 (GA), Artiphact_32 (EF), AyoTeo_25 (EJ), Barnstormer_18 (EH), Benry_23 (EJ), Blett_26 (GA), Bush_26 (GA), Caron_18 (EH), Carrillo_27 (GA), Chivey_31 (EF), Cicada_25 (EJ), CookieDog_26 (GA), CoolCookie_32 (EF), Crestdrop_31 (EF), Cybele_32 (EF), DannyDe_31 (EF), Dauntless_31 (EF), DelaGarza_24 (GF), Dropshot_25 (GA), Erudite_31 (EF), FireCastle_23 (EJ), Floof_19 (EH), Forester_19 (EH), FountainFog_31 (EF), FreddieHg_31 (EF), GardenState_19 (EH), Gilda_32 (EF), Gingerbug_22 (GF), Goodman_24 (EJ), Gretchen_19 (EH), Guzman_27 (GA), Hager_33 (EF), Haunter_32 (EF), Hiddenleaf_31 (EF), Htur_23 (EJ), IAmGroot_19 (EH), IndiRoo_23 (EJ), JDawG_31 (EF), Jakelyne_27 (GA), Jera_24 (EJ), JingleBells_31 (EF), Johann_24 (EJ), Karate_31 (EF), Kate_32 (EF), Krampus_32 (EF), Labella_25 (EJ), Lesiram_25 (GF), Linayshia_23 (EJ), Losacky_27 (GA), Mabodamaca_19 (EH), Mariel_27 (GA), MenE_26 (GA), Milani_24 (EJ), MortySmith_30 (EF), NCRodriguez_27 (GA), NarutoRun_32 (EF), Neptune_32 (EF), OhDear_32 (EF), Olympi_25 (EJ), OverHedge_32 (EF), Percival_19 (EH), PermaG_24 (EJ), Pharpay_32 (EF), PhillyJawn_26 (GA), Phingu_28 (GA), Phonegingi_25 (GA), PhunaPhoke_32 (EF), Pickles13_25 (GA), Potty_32 (EF), Poultress_31 (EF), Rachella_32 (EF), Rasovi_23 (EJ), Rie18_32 (EF), Rootkit7_23 (EJ), SBlackberry_23 (EJ), SafetyGuy_32 (EF), ScoobySnack_24 (GA), SilentWarrior_31 (EF), Snakehole_32 (EF), SuMoo_18 (EH), Sucha_20 (EJ), SuperHands_19 (EH), Sweetums_26 (GF), Tedro_32 (EF), Teng_25 (GF), Tiggy93_32 (EF), Tongui_31 (EF), TurboVicky_23 (EJ), Typher_25 (EJ), UtzChips_18 (EH), Violeta_27 (GA), Warren_26 (GA), Winchester007_27 (GA), WinnieLou_33 (EF), Wrackline_30 (GF), Zanella_23 (EJ),

Summary by clusters:

There are 8 clusters represented in this pham: singleton, EH, EJ, EF, BT, GF, JN, GA,

Info for manual annotations of cluster BT:
•Start number 9 was manually annotated 3 times for cluster BT.

Info for manual annotations of cluster EF:
•Start number 11 was manually annotated 37 times for cluster EF.

Info for manual annotations of cluster EH:
•Start number 11 was manually annotated 12 times for cluster EH.

Info for manual annotations of cluster EJ:
•Start number 11 was manually annotated 21 times for cluster EJ.

Info for manual annotations of cluster GA:
•Start number 11 was manually annotated 17 times for cluster GA.

Info for manual annotations of cluster GF:
•Start number 11 was manually annotated 6 times for cluster GF.

Info for manual annotations of cluster JN:
•Start number 9 was manually annotated 2 times for cluster JN.

Gene Information:

Gene: Aesir_31 Start: 20242, Stop: 21186, Start Num: 11
Candidate Starts for Aesir_31:
(Start: 11 @20242 has 93 MA's), (12, 20248), (15, 20266), (19, 20314), (22, 20332), (23, 20365), (29, 20398), (33, 20431), (40, 20503), (49, 20557), (50, 20569), (59, 20647), (61, 20665), (66, 20686), (70, 20704), (85, 20821), (89, 20836), (103, 20941), (105, 20950),

Gene: Alove_23 Start: 18450, Stop: 19181, Start Num: 11
Candidate Starts for Alove_23:
(Start: 11 @18450 has 93 MA's), (26, 18573), (36, 18651), (46, 18738), (59, 18834), (60, 18846), (63, 18867), (71, 18903), (93, 19026),

Gene: Anakin_32 Start: 20500, Stop: 21444, Start Num: 11
Candidate Starts for Anakin_32:
(Start: 11 @20500 has 93 MA's), (12, 20506), (15, 20524), (19, 20572), (22, 20590), (27, 20650), (29, 20656), (30, 20674), (33, 20689), (49, 20815), (59, 20905), (61, 20923), (70, 20962), (75, 21004), (89, 21094), (103, 21199), (105, 21208), (117, 21319),

Gene: AnnaSerena_32 Start: 20511, Stop: 21455, Start Num: 11
Candidate Starts for AnnaSerena_32:
(Start: 11 @20511 has 93 MA's), (12, 20517), (15, 20535), (19, 20583), (22, 20601), (27, 20661), (29, 20667), (30, 20685), (33, 20700), (49, 20826), (59, 20916), (61, 20934), (70, 20973), (75, 21015), (89, 21105), (103, 21210), (105, 21219),

Gene: Annapurna_31 Start: 19704, Stop: 20648, Start Num: 11
Candidate Starts for Annapurna_31:
(Start: 11 @19704 has 93 MA's), (12, 19710), (15, 19728), (19, 19776), (22, 19794), (23, 19827), (29, 19860), (33, 19893), (40, 19965), (49, 20019), (50, 20031), (59, 20109), (61, 20127), (66, 20148), (70, 20166), (85, 20283), (89, 20298), (103, 20403), (105, 20412),

Gene: Antuna_26 Start: 16757, Stop: 17491, Start Num: 11
Candidate Starts for Antuna_26:

(Start: 11 @16757 has 93 MA's), (26, 16880), (31, 16913), (32, 16922), (36, 16961), (39, 17006), (47, 17051), (63, 17177), (71, 17213), (74, 17225), (77, 17258), (96, 17357), (97, 17363), (102, 17426),

Gene: Appa_25 Start: 16619, Stop: 17353, Start Num: 11
Candidate Starts for Appa_25:
(Start: 11 @16619 has 93 MA's), (26, 16742), (31, 16775), (32, 16784), (36, 16823), (39, 16868), (47, 16913), (63, 17039), (71, 17075), (74, 17087), (77, 17120), (96, 17219), (97, 17225), (102, 17288),

Gene: Artiphact_32 Start: 20501, Stop: 21445, Start Num: 11
Candidate Starts for Artiphact_32:
(Start: 11 @20501 has 93 MA's), (12, 20507), (15, 20525), (19, 20573), (22, 20591), (27, 20651), (29, 20657), (30, 20675), (33, 20690), (49, 20816), (59, 20906), (61, 20924), (70, 20963), (75, 21005), (89, 21095), (103, 21200), (105, 21209),

Gene: AyoTeo_25 Start: 18576, Stop: 19307, Start Num: 11
Candidate Starts for AyoTeo_25:
(Start: 11 @18576 has 93 MA's), (26, 18699), (36, 18777), (46, 18864), (59, 18960), (60, 18972), (63, 18993), (71, 19029), (93, 19152),

Gene: Barnstormer_18 Start: 15958, Stop: 16890, Start Num: 11
Candidate Starts for Barnstormer_18:
(Start: 11 @15958 has 93 MA's), (71, 16414),

Gene: Benry_23 Start: 16825, Stop: 17892, Start Num: 11
Candidate Starts for Benry_23:
(Start: 11 @16825 has 93 MA's), (26, 16948), (27, 16954), (30, 16978), (36, 17026), (39, 17068), (45, 17107), (59, 17206), (63, 17239), (70, 17263), (71, 17275), (74, 17287), (79, 17332), (83, 17365), (85, 17380), (91, 17389), (114, 17563), (118, 17590), (127, 17659), (130, 17785), (133, 17824),

Gene: Bimmel_62 Start: 39994, Stop: 41061, Start Num: 9
Candidate Starts for Bimmel_62:
(Start: 9 @39994 has 6 MA's), (17, 40075), (18, 40084), (24, 40162), (25, 40165), (35, 40246), (42, 40309), (44, 40324), (53, 40390), (56, 40408), (67, 40468), (69, 40480), (76, 40528), (80, 40558), (87, 40615), (90, 40660), (92, 40663), (99, 40720), (107, 40771), (110, 40798), (119, 40897), (123, 40942), (126, 40954),

Gene: Blett_26 Start: 16772, Stop: 17506, Start Num: 11
Candidate Starts for Blett_26:
(Start: 11 @16772 has 93 MA's), (26, 16895), (31, 16928), (32, 16937), (36, 16976), (39, 17021), (47, 17066), (63, 17192), (71, 17228), (74, 17240), (77, 17273), (96, 17372), (97, 17378), (102, 17441),

Gene: Bush_26 Start: 16747, Stop: 17481, Start Num: 11
Candidate Starts for Bush_26:
(Start: 11 @16747 has 93 MA's), (26, 16870), (31, 16903), (32, 16912), (36, 16951), (39, 16996), (47, 17041), (63, 17167), (71, 17203), (74, 17215), (77, 17248), (96, 17347), (97, 17353), (102, 17416),

Gene: Caron_18 Start: 15341, Stop: 16273, Start Num: 11
Candidate Starts for Caron_18:
(Start: 11 @15341 has 93 MA's), (59, 15728), (71, 15797),

Gene: Carrillo_27 Start: 16726, Stop: 17460, Start Num: 11
Candidate Starts for Carrillo_27:

(Start: 11 @16726 has 93 MA's), (26, 16849), (31, 16882), (32, 16891), (36, 16930), (39, 16975), (47, 17020), (63, 17146), (71, 17182), (74, 17194), (77, 17227), (96, 17326), (97, 17332), (102, 17395),

Gene: Chivey_31 Start: 19653, Stop: 20597, Start Num: 11
Candidate Starts for Chivey_31:
(Start: 11 @19653 has 93 MA's), (12, 19659), (15, 19677), (19, 19725), (22, 19743), (23, 19776), (29, 19809), (33, 19842), (41, 19917), (59, 20058), (61, 20076), (66, 20097), (70, 20115), (85, 20232), (89, 20247), (95, 20277), (103, 20352), (105, 20361),

Gene: Cicada_25 Start: 18670, Stop: 19401, Start Num: 11
Candidate Starts for Cicada_25:
(Start: 11 @18670 has 93 MA's), (26, 18793), (46, 18958), (47, 18961), (59, 19054), (60, 19066), (63, 19087), (93, 19246), (98, 19294), (109, 19372),

Gene: CookieDog_26 Start: 16747, Stop: 17481, Start Num: 11
Candidate Starts for CookieDog_26:
(Start: 11 @16747 has 93 MA's), (26, 16870), (32, 16912), (36, 16951), (39, 16996), (47, 17041), (63, 17167), (71, 17203), (74, 17215), (77, 17248), (98, 17374), (102, 17416),

Gene: CoolCookie_32 Start: 20507, Stop: 21451, Start Num: 11
Candidate Starts for CoolCookie_32:
(Start: 11 @20507 has 93 MA's), (12, 20513), (15, 20531), (19, 20579), (22, 20597), (27, 20657), (29, 20663), (30, 20681), (33, 20696), (49, 20822), (59, 20912), (61, 20930), (70, 20969), (75, 21011), (89, 21101), (103, 21206), (105, 21215),

Gene: Crestdrop_31 Start: 19567, Stop: 20511, Start Num: 11
Candidate Starts for Crestdrop_31:
(Start: 11 @19567 has 93 MA's), (12, 19573), (15, 19591), (19, 19639), (22, 19657), (23, 19690), (29, 19723), (33, 19756), (40, 19828), (49, 19882), (50, 19894), (59, 19972), (61, 19990), (66, 20011), (70, 20029), (85, 20146), (103, 20266), (105, 20275),

Gene: Cybele_32 Start: 20477, Stop: 21421, Start Num: 11
Candidate Starts for Cybele_32:
(Start: 11 @20477 has 93 MA's), (12, 20483), (15, 20501), (19, 20549), (22, 20567), (27, 20627), (29, 20633), (30, 20651), (33, 20666), (49, 20792), (59, 20882), (61, 20900), (70, 20939), (75, 20981), (89, 21071), (103, 21176), (105, 21185),

Gene: DannyDe_31 Start: 19650, Stop: 20594, Start Num: 11
Candidate Starts for DannyDe_31:
(Start: 11 @19650 has 93 MA's), (12, 19656), (15, 19674), (19, 19722), (22, 19740), (23, 19773), (29, 19806), (33, 19839), (40, 19911), (49, 19965), (50, 19977), (59, 20055), (61, 20073), (66, 20094), (70, 20112), (85, 20229), (89, 20244), (103, 20349), (105, 20358),

Gene: Dauntless_31 Start: 20210, Stop: 21154, Start Num: 11
Candidate Starts for Dauntless_31:
(Start: 11 @20210 has 93 MA's), (12, 20216), (15, 20234), (19, 20282), (22, 20300), (23, 20333), (29, 20366), (33, 20399), (40, 20471), (49, 20525), (50, 20537), (59, 20615), (61, 20633), (66, 20654), (70, 20672), (85, 20789), (89, 20804), (103, 20909), (105, 20918),

Gene: DelaGarza_24 Start: 17110, Stop: 17832, Start Num: 11
Candidate Starts for DelaGarza_24:
(1, 16870), (3, 16945), (Start: 11 @17110 has 93 MA's), (16, 17140), (26, 17233), (31, 17266), (32, 17275), (47, 17395), (54, 17458), (63, 17521), (85, 17662), (95, 17695), (98, 17725), (101, 17734),

Gene: Dropshot_25 Start: 16619, Stop: 17353, Start Num: 11
Candidate Starts for Dropshot_25:
(Start: 11 @16619 has 93 MA's), (26, 16742), (32, 16784), (36, 16823), (39, 16868), (47, 16913), (63, 17039), (71, 17075), (74, 17087), (77, 17120), (98, 17246), (102, 17288),

Gene: Erudite_31 Start: 20210, Stop: 21154, Start Num: 11
Candidate Starts for Erudite_31:
(Start: 11 @20210 has 93 MA's), (12, 20216), (15, 20234), (19, 20282), (22, 20300), (23, 20333), (29, 20366), (33, 20399), (40, 20471), (49, 20525), (50, 20537), (59, 20615), (61, 20633), (66, 20654), (70, 20672), (85, 20789), (89, 20804), (103, 20909), (105, 20918),

Gene: FireCastle_23 Start: 18399, Stop: 19472, Start Num: 11
Candidate Starts for FireCastle_23:
(7, 18345), (Start: 9 @18369 has 6 MA's), (Start: 11 @18399 has 93 MA's), (26, 18522), (32, 18564), (39, 18642), (47, 18687), (56, 18759), (63, 18813), (70, 18837), (71, 18849), (74, 18861), (79, 18906), (93, 18969), (97, 18996), (118, 19173), (130, 19365), (132, 19395),

Gene: Floof_19 Start: 15888, Stop: 17012, Start Num: 11
Candidate Starts for Floof_19:
(Start: 11 @15888 has 93 MA's), (37, 16128), (53, 16233), (59, 16272), (84, 16449), (131, 16944),

Gene: Forester_19 Start: 17869, Stop: 18762, Start Num: 11
Candidate Starts for Forester_19:
(Start: 11 @17869 has 93 MA's), (12, 17875), (23, 17980), (38, 18115), (48, 18169), (78, 18364),

Gene: FountainFog_31 Start: 19810, Stop: 20754, Start Num: 11
Candidate Starts for FountainFog_31:
(Start: 11 @19810 has 93 MA's), (12, 19816), (15, 19834), (19, 19882), (22, 19900), (29, 19966), (33, 19999), (49, 20125), (61, 20233), (70, 20272), (81, 20359), (85, 20389), (89, 20404), (103, 20509), (105, 20518),

Gene: FreddieHg_31 Start: 19669, Stop: 20613, Start Num: 11
Candidate Starts for FreddieHg_31:
(Start: 11 @19669 has 93 MA's), (12, 19675), (15, 19693), (19, 19741), (22, 19759), (23, 19792), (29, 19825), (33, 19858), (49, 19984), (59, 20074), (61, 20092), (66, 20113), (70, 20131), (85, 20248), (89, 20263), (95, 20293), (103, 20368), (105, 20377),

Gene: GardenState_19 Start: 16381, Stop: 17271, Start Num: 11
Candidate Starts for GardenState_19:
(Start: 11 @16381 has 93 MA's), (12, 16387), (31, 16546), (48, 16681), (51, 16705), (55, 16729), (58, 16750),

Gene: Gilda_32 Start: 20501, Stop: 21445, Start Num: 11
Candidate Starts for Gilda_32:
(Start: 11 @20501 has 93 MA's), (12, 20507), (15, 20525), (19, 20573), (22, 20591), (27, 20651), (29, 20657), (30, 20675), (33, 20690), (49, 20816), (59, 20906), (61, 20924), (70, 20963), (75, 21005), (89, 21095), (103, 21200), (105, 21209),

Gene: Gingerbug_22 Start: 16985, Stop: 17878, Start Num: 11
Candidate Starts for Gingerbug_22:
(Start: 11 @16985 has 93 MA's), (20, 17057), (26, 17108), (28, 17117), (39, 17225), (40, 17228), (47, 17270), (59, 17363), (62, 17384), (71, 17432), (79, 17489), (94, 17561), (108, 17672), (115, 17729),

Gene: Goodman_24 Start: 18583, Stop: 19314, Start Num: 11
Candidate Starts for Goodman_24:
(Start: 11 @18583 has 93 MA's), (26, 18706), (46, 18871), (47, 18874), (59, 18967), (60, 18979), (63, 19000), (93, 19159), (98, 19207), (109, 19285),

Gene: Gretchen_19 Start: 17157, Stop: 18050, Start Num: 11
Candidate Starts for Gretchen_19:
(Start: 11 @17157 has 93 MA's), (12, 17163), (23, 17268), (38, 17403), (48, 17457), (78, 17652),

Gene: Guzman_27 Start: 17028, Stop: 17762, Start Num: 11
Candidate Starts for Guzman_27:
(Start: 11 @17028 has 93 MA's), (26, 17151), (31, 17184), (32, 17193), (36, 17232), (39, 17277), (41, 17283), (47, 17322), (63, 17448), (71, 17484), (74, 17496), (77, 17529), (96, 17628), (97, 17634), (102, 17697),

Gene: Hager_33 Start: 20063, Stop: 21007, Start Num: 11
Candidate Starts for Hager_33:
(Start: 11 @20063 has 93 MA's), (12, 20069), (15, 20087), (19, 20135), (22, 20153), (29, 20219), (33, 20252), (49, 20378), (61, 20486), (68, 20513), (70, 20525), (85, 20642), (89, 20657), (103, 20762), (105, 20771),

Gene: Haunter_32 Start: 19914, Stop: 20858, Start Num: 11
Candidate Starts for Haunter_32:
(Start: 11 @19914 has 93 MA's), (12, 19920), (15, 19938), (19, 19986), (22, 20004), (27, 20064), (29, 20070), (30, 20088), (33, 20103), (40, 20175), (49, 20229), (59, 20319), (61, 20337), (70, 20376), (75, 20418), (89, 20508), (103, 20613), (105, 20622),

Gene: Hiddenleaf_31 Start: 19653, Stop: 20597, Start Num: 11
Candidate Starts for Hiddenleaf_31:
(Start: 11 @19653 has 93 MA's), (12, 19659), (15, 19677), (19, 19725), (22, 19743), (23, 19776), (29, 19809), (33, 19842), (41, 19917), (59, 20058), (61, 20076), (66, 20097), (70, 20115), (85, 20232), (89, 20247), (95, 20277), (103, 20352), (105, 20361),

Gene: Htur_23 Start: 18637, Stop: 19368, Start Num: 11
Candidate Starts for Htur_23:
(Start: 11 @18637 has 93 MA's), (26, 18760), (31, 18793), (46, 18925), (59, 19021), (60, 19033), (63, 19054), (73, 19096), (86, 19204), (93, 19213),

Gene: IAmGroot_19 Start: 17043, Stop: 17933, Start Num: 11
Candidate Starts for IAmGroot_19:
(Start: 11 @17043 has 93 MA's), (12, 17049), (31, 17208), (48, 17343), (51, 17367), (55, 17391), (58, 17412),

Gene: Ibantik_82 Start: 44194, Stop: 45255, Start Num: 9
Candidate Starts for Ibantik_82:
(5, 44149), (Start: 9 @44194 has 6 MA's), (13, 44248), (17, 44275), (18, 44284), (28, 44380), (42, 44506), (56, 44605), (57, 44611), (79, 44749), (80, 44755), (82, 44779), (87, 44812), (92, 44866), (100, 44929), (104, 44971), (117, 45085), (119, 45097), (122, 45121), (125, 45145), (128, 45193),

Gene: IndiRoo_23 Start: 16835, Stop: 17902, Start Num: 11
Candidate Starts for IndiRoo_23:

(Start: 11 @16835 has 93 MA's), (26, 16958), (30, 16988), (36, 17036), (39, 17078), (59, 17216), (63, 17249), (70, 17273), (71, 17285), (74, 17297), (79, 17342), (83, 17375), (85, 17390), (91, 17399), (114, 17573), (118, 17600),

Gene: JDawG_31 Start: 20237, Stop: 21181, Start Num: 11
Candidate Starts for JDawG_31:
(Start: 11 @20237 has 93 MA's), (12, 20243), (15, 20261), (19, 20309), (22, 20327), (23, 20360), (29, 20393), (33, 20426), (40, 20498), (49, 20552), (50, 20564), (59, 20642), (61, 20660), (66, 20681), (70, 20699), (85, 20816), (89, 20831), (103, 20936), (105, 20945),

Gene: Jakelyne_27 Start: 16835, Stop: 17569, Start Num: 11
Candidate Starts for Jakelyne_27:
(Start: 11 @16835 has 93 MA's), (26, 16958), (31, 16991), (32, 17000), (36, 17039), (39, 17084), (47, 17129), (63, 17255), (71, 17291), (74, 17303), (77, 17336), (96, 17435), (97, 17441), (102, 17504),

Gene: Jera_24 Start: 17697, Stop: 18428, Start Num: 11
Candidate Starts for Jera_24:
(Start: 11 @17697 has 93 MA's), (26, 17820), (46, 17985), (59, 18081), (60, 18093), (63, 18114), (71, 18150), (93, 18273),

Gene: JingleBells_31 Start: 19774, Stop: 20718, Start Num: 11
Candidate Starts for JingleBells_31:
(Start: 11 @19774 has 93 MA's), (12, 19780), (15, 19798), (19, 19846), (22, 19864), (23, 19897), (29, 19930), (33, 19963), (40, 20035), (49, 20089), (50, 20101), (59, 20179), (61, 20197), (66, 20218), (70, 20236), (85, 20353), (89, 20368), (103, 20473), (105, 20482),

Gene: Johann_24 Start: 18583, Stop: 19314, Start Num: 11
Candidate Starts for Johann_24:
(Start: 11 @18583 has 93 MA's), (26, 18706), (46, 18871), (47, 18874), (59, 18967), (60, 18979), (63, 19000), (93, 19159), (98, 19207), (109, 19285),

Gene: Karate_31 Start: 20530, Stop: 21474, Start Num: 11
Candidate Starts for Karate_31:
(Start: 11 @20530 has 93 MA's), (12, 20536), (15, 20554), (19, 20602), (22, 20620), (29, 20686), (33, 20719), (40, 20791), (49, 20845), (59, 20935), (61, 20953), (65, 20971), (70, 20992), (73, 21010), (85, 21109), (89, 21124), (103, 21229), (105, 21238),

Gene: Kate_32 Start: 20509, Stop: 21453, Start Num: 11
Candidate Starts for Kate_32:
(Start: 11 @20509 has 93 MA's), (12, 20515), (15, 20533), (19, 20581), (22, 20599), (27, 20659), (29, 20665), (30, 20683), (33, 20698), (49, 20824), (59, 20914), (61, 20932), (70, 20971), (75, 21013), (89, 21103), (103, 21208), (105, 21217),

Gene: Krampus_32 Start: 20509, Stop: 21453, Start Num: 11
Candidate Starts for Krampus_32:
(Start: 11 @20509 has 93 MA's), (12, 20515), (15, 20533), (19, 20581), (22, 20599), (27, 20659), (29, 20665), (30, 20683), (33, 20698), (49, 20824), (59, 20914), (61, 20932), (70, 20971), (75, 21013), (89, 21103), (103, 21208), (105, 21217),

Gene: Labella_25 Start: 18578, Stop: 19309, Start Num: 11
Candidate Starts for Labella_25:
(Start: 11 @18578 has 93 MA's), (26, 18701), (36, 18779), (46, 18866), (59, 18962), (60, 18974), (63, 18995), (71, 19031), (93, 19154),

Gene: Lesiram_25 Start: 17079, Stop: 17801, Start Num: 11
Candidate Starts for Lesiram_25:
(2, 16848), (Start: 11 @17079 has 93 MA's), (16, 17109), (26, 17202), (31, 17235), (32, 17244), (47, 17364), (54, 17427), (58, 17451), (63, 17490), (85, 17631), (95, 17664), (98, 17694), (101, 17703),

Gene: Linayshia_23 Start: 18629, Stop: 19360, Start Num: 11
Candidate Starts for Linayshia_23:
(Start: 11 @18629 has 93 MA's), (26, 18752), (31, 18785), (46, 18917), (59, 19013), (60, 19025), (63, 19046), (73, 19088), (86, 19196), (93, 19205),

Gene: Losacky_27 Start: 16899, Stop: 17633, Start Num: 11
Candidate Starts for Losacky_27:
(Start: 11 @16899 has 93 MA's), (26, 17022), (31, 17055), (32, 17064), (36, 17103), (39, 17148), (47, 17193), (63, 17319), (71, 17355), (74, 17367), (77, 17400), (96, 17499), (97, 17505), (102, 17568),

Gene: Mabodamaca_19 Start: 16389, Stop: 17288, Start Num: 11
Candidate Starts for Mabodamaca_19:
(Start: 11 @16389 has 93 MA's), (27, 16527), (52, 16725), (65, 16800), (71, 16833), (108, 17088), (120, 17190),

Gene: Mariel_27 Start: 17191, Stop: 17925, Start Num: 11
Candidate Starts for Mariel_27:
(Start: 11 @17191 has 93 MA's), (26, 17314), (31, 17347), (32, 17356), (36, 17395), (39, 17440), (47, 17485), (63, 17611), (71, 17647), (74, 17659), (77, 17692), (96, 17791), (97, 17797), (102, 17860),

Gene: MenE_26 Start: 16887, Stop: 17621, Start Num: 11
Candidate Starts for MenE_26:
(Start: 11 @16887 has 93 MA's), (26, 17010), (31, 17043), (32, 17052), (36, 17091), (39, 17136), (47, 17181), (63, 17307), (71, 17343), (74, 17355), (77, 17388), (96, 17487), (97, 17493), (102, 17556),

Gene: Milani_24 Start: 17465, Stop: 18532, Start Num: 11
Candidate Starts for Milani_24:
(10, 17450), (Start: 11 @17465 has 93 MA's), (26, 17588), (39, 17708), (63, 17879), (70, 17903), (79, 17972), (85, 18020), (91, 18029), (93, 18035), (114, 18203), (116, 18221),

Gene: MortySmith_30 Start: 19625, Stop: 20569, Start Num: 11
Candidate Starts for MortySmith_30:
(Start: 11 @19625 has 93 MA's), (12, 19631), (15, 19649), (19, 19697), (22, 19715), (23, 19748), (29, 19781), (33, 19814), (40, 19886), (49, 19940), (50, 19952), (59, 20030), (61, 20048), (66, 20069), (70, 20087), (85, 20204), (89, 20219), (103, 20324), (105, 20333),

Gene: NCRodriguez_27 Start: 16939, Stop: 17673, Start Num: 11
Candidate Starts for NCRodriguez_27:
(Start: 11 @16939 has 93 MA's), (26, 17062), (31, 17095), (32, 17104), (36, 17143), (39, 17188), (47, 17233), (63, 17359), (71, 17395), (74, 17407), (77, 17440), (96, 17539), (97, 17545), (102, 17608),

Gene: NarutoRun_32 Start: 20500, Stop: 21444, Start Num: 11
Candidate Starts for NarutoRun_32:
(Start: 11 @20500 has 93 MA's), (12, 20506), (15, 20524), (19, 20572), (22, 20590), (27, 20650), (29, 20656), (30, 20674), (33, 20689), (49, 20815), (59, 20905), (61, 20923), (70, 20962), (75, 21004), (89, 21094), (103, 21199), (105, 21208), (117, 21319),

Gene: Neptune_32 Start: 20477, Stop: 21421, Start Num: 11
Candidate Starts for Neptune_32:
(Start: 11 @20477 has 93 MA's), (12, 20483), (15, 20501), (19, 20549), (22, 20567), (27, 20627), (29, 20633), (30, 20651), (33, 20666), (49, 20792), (59, 20882), (61, 20900), (70, 20939), (75, 20981), (89, 21071), (103, 21176), (105, 21185),

Gene: OhDear_32 Start: 20506, Stop: 21450, Start Num: 11
Candidate Starts for OhDear_32:
(Start: 11 @20506 has 93 MA's), (12, 20512), (15, 20530), (19, 20578), (22, 20596), (27, 20656), (29, 20662), (30, 20680), (33, 20695), (49, 20821), (59, 20911), (61, 20929), (70, 20968), (75, 21010), (89, 21100), (103, 21205), (105, 21214),

Gene: Olympi_25 Start: 18570, Stop: 19301, Start Num: 11
Candidate Starts for Olympi_25:
(Start: 11 @18570 has 93 MA's), (26, 18693), (46, 18858), (47, 18861), (59, 18954), (60, 18966), (63, 18987), (93, 19146), (98, 19194), (109, 19272),

Gene: OverHedge_32 Start: 20467, Stop: 21411, Start Num: 11
Candidate Starts for OverHedge_32:
(Start: 11 @20467 has 93 MA's), (12, 20473), (15, 20491), (19, 20539), (22, 20557), (27, 20617), (29, 20623), (30, 20641), (33, 20656), (49, 20782), (59, 20872), (61, 20890), (70, 20929), (75, 20971), (89, 21061), (103, 21166), (105, 21175),

Gene: Percival_19 Start: 16991, Stop: 17884, Start Num: 11
Candidate Starts for Percival_19:
(Start: 11 @16991 has 93 MA's), (12, 16997), (23, 17102), (38, 17237), (48, 17291), (78, 17486),

Gene: PermaG_24 Start: 18650, Stop: 19381, Start Num: 11
Candidate Starts for PermaG_24:
(Start: 11 @18650 has 93 MA's), (26, 18773), (31, 18806), (46, 18938), (59, 19034), (60, 19046), (63, 19067), (73, 19109), (86, 19217), (93, 19226), (98, 19274),

Gene: Pharpay_32 Start: 20522, Stop: 21466, Start Num: 11
Candidate Starts for Pharpay_32:
(Start: 11 @20522 has 93 MA's), (12, 20528), (15, 20546), (19, 20594), (22, 20612), (27, 20672), (29, 20678), (30, 20696), (33, 20711), (49, 20837), (59, 20927), (61, 20945), (70, 20984), (75, 21026), (89, 21116), (103, 21221), (105, 21230),

Gene: PhillyJawn_26 Start: 16619, Stop: 17353, Start Num: 11
Candidate Starts for PhillyJawn_26:
(Start: 11 @16619 has 93 MA's), (26, 16742), (31, 16775), (32, 16784), (36, 16823), (39, 16868), (47, 16913), (63, 17039), (71, 17075), (74, 17087), (77, 17120), (96, 17219), (97, 17225), (102, 17288),

Gene: Phingu_28 Start: 16838, Stop: 17572, Start Num: 11
Candidate Starts for Phingu_28:
(Start: 11 @16838 has 93 MA's), (26, 16961), (31, 16994), (32, 17003), (36, 17042), (39, 17087), (41, 17093), (47, 17132), (63, 17258), (71, 17294), (74, 17306), (77, 17339), (96, 17438), (97, 17444), (102, 17507),

Gene: Phonegingi_25 Start: 16664, Stop: 17398, Start Num: 11
Candidate Starts for Phonegingi_25:
(Start: 11 @16664 has 93 MA's), (26, 16787), (31, 16820), (32, 16829), (36, 16868), (39, 16913), (47, 16958), (63, 17084), (71, 17120), (77, 17165), (96, 17264), (97, 17270), (102, 17333),

Gene: PhunaPhoke_32 Start: 20495, Stop: 21439, Start Num: 11
Candidate Starts for PhunaPhoke_32:
(Start: 11 @20495 has 93 MA's), (12, 20501), (15, 20519), (19, 20567), (22, 20585), (27, 20645), (29, 20651), (30, 20669), (33, 20684), (49, 20810), (59, 20900), (61, 20918), (70, 20957), (75, 20999), (89, 21089), (103, 21194), (105, 21203),

Gene: Pickles13_25 Start: 17050, Stop: 17784, Start Num: 11
Candidate Starts for Pickles13_25:
(Start: 11 @17050 has 93 MA's), (26, 17173), (31, 17206), (32, 17215), (36, 17254), (39, 17299), (47, 17344), (63, 17470), (71, 17506), (74, 17518), (77, 17551), (102, 17719),

Gene: Ponzi_57 Start: 38784, Stop: 39848, Start Num: 9
Candidate Starts for Ponzi_57:
(Start: 9 @38784 has 6 MA's), (13, 38838), (14, 38841), (25, 38955), (35, 39036), (40, 39084), (44, 39114), (56, 39198), (59, 39219), (62, 39240), (64, 39252), (80, 39348), (82, 39369), (86, 39402), (107, 39570), (111, 39603), (115, 39666), (119, 39690),

Gene: Potty_32 Start: 20500, Stop: 21444, Start Num: 11
Candidate Starts for Potty_32:
(Start: 11 @20500 has 93 MA's), (12, 20506), (15, 20524), (19, 20572), (22, 20590), (27, 20650), (29, 20656), (30, 20674), (33, 20689), (49, 20815), (59, 20905), (61, 20923), (70, 20962), (75, 21004), (89, 21094), (103, 21199), (105, 21208),

Gene: Poultress_31 Start: 20869, Stop: 21813, Start Num: 11
Candidate Starts for Poultress_31:
(Start: 11 @20869 has 93 MA's), (12, 20875), (15, 20893), (19, 20941), (22, 20959), (29, 21025), (33, 21058), (40, 21130), (49, 21184), (59, 21274), (61, 21292), (65, 21310), (70, 21331), (85, 21448), (89, 21463), (103, 21568), (105, 21577),

Gene: Rachella_32 Start: 20503, Stop: 21447, Start Num: 11
Candidate Starts for Rachella_32:
(Start: 11 @20503 has 93 MA's), (12, 20509), (15, 20527), (19, 20575), (22, 20593), (27, 20653), (29, 20659), (30, 20677), (33, 20692), (40, 20764), (49, 20818), (59, 20908), (61, 20926), (70, 20965), (75, 21007), (89, 21097), (103, 21202), (105, 21211),

Gene: Rasovi_23 Start: 18637, Stop: 19368, Start Num: 11
Candidate Starts for Rasovi_23:
(Start: 11 @18637 has 93 MA's), (26, 18760), (31, 18793), (46, 18925), (59, 19021), (60, 19033), (63, 19054), (73, 19096), (86, 19204), (93, 19213),

Gene: Rie18_32 Start: 20016, Stop: 20960, Start Num: 11
Candidate Starts for Rie18_32:
(Start: 11 @20016 has 93 MA's), (12, 20022), (15, 20040), (19, 20088), (22, 20106), (29, 20172), (33, 20205), (49, 20331), (61, 20439), (68, 20466), (70, 20478), (85, 20595), (89, 20610), (103, 20715), (105, 20724),

Gene: Rootkit7_23 Start: 18450, Stop: 19181, Start Num: 11
Candidate Starts for Rootkit7_23:
(Start: 11 @18450 has 93 MA's), (26, 18573), (36, 18651), (46, 18738), (59, 18834), (60, 18846), (63, 18867), (71, 18903), (93, 19026),

Gene: RunningOnE_75 Start: 43037, Stop: 44104, Start Num: 9

Candidate Starts for RunningOnE_75:
(6, 43001), (Start: 9 @43037 has 6 MA's), (17, 43118), (21, 43157), (31, 43247), (42, 43349), (43, 43352), (79, 43592), (80, 43598), (87, 43661), (112, 43883), (121, 43964), (124, 43991),

Gene: SBlackberry_23 Start: 18448, Stop: 19179, Start Num: 11
Candidate Starts for SBlackberry_23:
(Start: 11 @18448 has 93 MA's), (26, 18571), (46, 18736), (47, 18739), (59, 18832), (60, 18844), (63, 18865), (72, 18904), (93, 19024), (98, 19072), (109, 19150),

Gene: SafetyGuy_32 Start: 20506, Stop: 21450, Start Num: 11
Candidate Starts for SafetyGuy_32:
(Start: 11 @20506 has 93 MA's), (12, 20512), (15, 20530), (19, 20578), (22, 20596), (27, 20656), (29, 20662), (30, 20680), (33, 20695), (49, 20821), (59, 20911), (61, 20929), (70, 20968), (75, 21010), (89, 21100), (103, 21205), (105, 21214), (117, 21325),

Gene: ScoobySnack_24 Start: 16748, Stop: 17482, Start Num: 11
Candidate Starts for ScoobySnack_24:
(Start: 11 @16748 has 93 MA's), (26, 16871), (31, 16904), (32, 16913), (36, 16952), (39, 16997), (41, 17003), (47, 17042), (63, 17168), (71, 17204), (74, 17216), (97, 17354), (102, 17417),

Gene: SilentWarrior_31 Start: 19666, Stop: 20610, Start Num: 11
Candidate Starts for SilentWarrior_31:
(Start: 11 @19666 has 93 MA's), (12, 19672), (15, 19690), (19, 19738), (22, 19756), (23, 19789), (29, 19822), (33, 19855), (40, 19927), (49, 19981), (50, 19993), (59, 20071), (61, 20089), (66, 20110), (70, 20128), (85, 20245), (89, 20260), (103, 20365), (105, 20374),

Gene: Snakehole_32 Start: 19750, Stop: 20694, Start Num: 11
Candidate Starts for Snakehole_32:
(Start: 11 @19750 has 93 MA's), (12, 19756), (15, 19774), (19, 19822), (22, 19840), (23, 19873), (29, 19906), (33, 19939), (49, 20065), (59, 20155), (61, 20173), (66, 20194), (70, 20212), (85, 20329), (89, 20344), (95, 20374), (103, 20449), (105, 20458),

Gene: Spooks_63 Start: 41298, Stop: 42365, Start Num: 9
Candidate Starts for Spooks_63:
(Start: 9 @41298 has 6 MA's), (17, 41379), (18, 41388), (25, 41469), (31, 41511), (42, 41613), (44, 41628), (53, 41694), (56, 41712), (67, 41772), (69, 41784), (80, 41862), (90, 41964), (92, 41967), (107, 42075), (113, 42156), (119, 42201), (123, 42246), (126, 42258),

Gene: SuMoo_18 Start: 15340, Stop: 16239, Start Num: 11
Candidate Starts for SuMoo_18:
(Start: 11 @15340 has 93 MA's), (31, 15505), (55, 15688), (71, 15784), (88, 15904), (108, 16039), (120, 16141),

Gene: Success_64 Start: 40432, Stop: 41499, Start Num: 9
Candidate Starts for Success_64:
(Start: 9 @40432 has 6 MA's), (17, 40513), (18, 40522), (35, 40684), (38, 40726), (42, 40747), (44, 40762), (53, 40828), (56, 40846), (67, 40906), (69, 40918), (76, 40966), (80, 40996), (90, 41098), (92, 41101), (99, 41158), (107, 41209), (110, 41236), (119, 41335), (123, 41380), (126, 41392),

Gene: Sucha_20 Start: 15822, Stop: 16889, Start Num: 11
Candidate Starts for Sucha_20:
(Start: 11 @15822 has 93 MA's), (26, 15945), (30, 15975), (36, 16023), (39, 16065), (45, 16104), (59, 16203), (63, 16236), (74, 16284), (79, 16329), (83, 16362), (85, 16377), (91, 16386), (114, 16560),

(118, 16587), (127, 16656), (130, 16782), (133, 16821),

Gene: SuperHands_19 Start: 17876, Stop: 18769, Start Num: 11
Candidate Starts for SuperHands_19:
(2, 17648), (4, 17759), (Start: 11 @17876 has 93 MA's), (12, 17882), (23, 17987), (38, 18122), (48, 18176), (78, 18371),

Gene: Sweetums_26 Start: 17191, Stop: 17913, Start Num: 11
Candidate Starts for Sweetums_26:
(1, 16951), (3, 17026), (8, 17134), (Start: 11 @17191 has 93 MA's), (16, 17221), (26, 17314), (31, 17347), (32, 17356), (47, 17476), (54, 17539), (63, 17602), (85, 17743), (95, 17776), (98, 17806), (101, 17815),

Gene: Tedro_32 Start: 19973, Stop: 20917, Start Num: 11
Candidate Starts for Tedro_32:
(Start: 11 @19973 has 93 MA's), (12, 19979), (15, 19997), (19, 20045), (22, 20063), (27, 20123), (29, 20129), (30, 20147), (33, 20162), (49, 20288), (59, 20378), (61, 20396), (70, 20435), (75, 20477), (89, 20567), (103, 20672), (105, 20681),

Gene: Teng_25 Start: 17129, Stop: 17851, Start Num: 11
Candidate Starts for Teng_25:
(3, 16964), (Start: 11 @17129 has 93 MA's), (16, 17159), (26, 17252), (31, 17285), (32, 17294), (47, 17414), (63, 17540), (77, 17621), (85, 17681), (95, 17714), (98, 17744), (101, 17753),

Gene: Tiggy93_32 Start: 20506, Stop: 21450, Start Num: 11
Candidate Starts for Tiggy93_32:
(Start: 11 @20506 has 93 MA's), (12, 20512), (15, 20530), (19, 20578), (22, 20596), (27, 20656), (29, 20662), (30, 20680), (33, 20695), (49, 20821), (59, 20911), (61, 20929), (70, 20968), (75, 21010), (89, 21100), (103, 21205), (105, 21214),

Gene: Tongui_31 Start: 19999, Stop: 20943, Start Num: 11
Candidate Starts for Tongui_31:
(Start: 11 @19999 has 93 MA's), (12, 20005), (15, 20023), (19, 20071), (22, 20089), (29, 20155), (33, 20188), (49, 20314), (59, 20404), (70, 20461), (81, 20548), (85, 20578), (89, 20593), (103, 20698), (105, 20707),

Gene: TurboVicky_23 Start: 18449, Stop: 19180, Start Num: 11
Candidate Starts for TurboVicky_23:
(Start: 11 @18449 has 93 MA's), (26, 18572), (36, 18650), (46, 18737), (59, 18833), (60, 18845), (63, 18866), (71, 18902), (93, 19025),

Gene: Typher_25 Start: 18578, Stop: 19309, Start Num: 11
Candidate Starts for Typher_25:
(Start: 11 @18578 has 93 MA's), (26, 18701), (36, 18779), (46, 18866), (59, 18962), (60, 18974), (63, 18995), (71, 19031), (93, 19154),

Gene: UtzChips_18 Start: 15946, Stop: 16878, Start Num: 11
Candidate Starts for UtzChips_18:
(Start: 11 @15946 has 93 MA's), (71, 16402),

Gene: Violeta_27 Start: 16717, Stop: 17451, Start Num: 11
Candidate Starts for Violeta_27:

(Start: 11 @16717 has 93 MA's), (26, 16840), (31, 16873), (32, 16882), (36, 16921), (39, 16966), (47, 17011), (63, 17137), (71, 17173), (74, 17185), (77, 17218), (96, 17317), (97, 17323), (102, 17386),

Gene: Warren_26 Start: 16823, Stop: 17557, Start Num: 11
Candidate Starts for Warren_26:
(Start: 11 @16823 has 93 MA's), (26, 16946), (31, 16979), (32, 16988), (36, 17027), (39, 17072), (47, 17117), (63, 17243), (71, 17279), (74, 17291), (77, 17324), (96, 17423), (97, 17429), (102, 17492),

Gene: Winchester007_27 Start: 16760, Stop: 17494, Start Num: 11
Candidate Starts for Winchester007_27:
(Start: 11 @16760 has 93 MA's), (26, 16883), (31, 16916), (32, 16925), (36, 16964), (39, 17009), (47, 17054), (63, 17180), (71, 17216), (74, 17228), (77, 17261), (96, 17360), (97, 17366), (102, 17429),

Gene: WinnieLou_33 Start: 20132, Stop: 21076, Start Num: 11
Candidate Starts for WinnieLou_33:
(Start: 11 @20132 has 93 MA's), (12, 20138), (15, 20156), (19, 20204), (22, 20222), (29, 20288), (33, 20321), (34, 20339), (49, 20447), (61, 20555), (68, 20582), (70, 20594), (85, 20711), (89, 20726), (103, 20831), (105, 20840),

Gene: Wrackline_30 Start: 18090, Stop: 19166, Start Num: 11
Candidate Starts for Wrackline_30:
(Start: 11 @18090 has 93 MA's), (26, 18213), (27, 18219), (31, 18246), (39, 18333), (56, 18450), (60, 18483), (70, 18528), (74, 18552), (79, 18597), (85, 18645), (91, 18654), (106, 18762), (129, 18990), (134, 19101), (135, 19155),

Gene: Zanella_23 Start: 18452, Stop: 19183, Start Num: 11
Candidate Starts for Zanella_23:
(Start: 11 @18452 has 93 MA's), (26, 18575), (36, 18653), (46, 18740), (59, 18836), (60, 18848), (63, 18869), (71, 18905), (93, 19028),