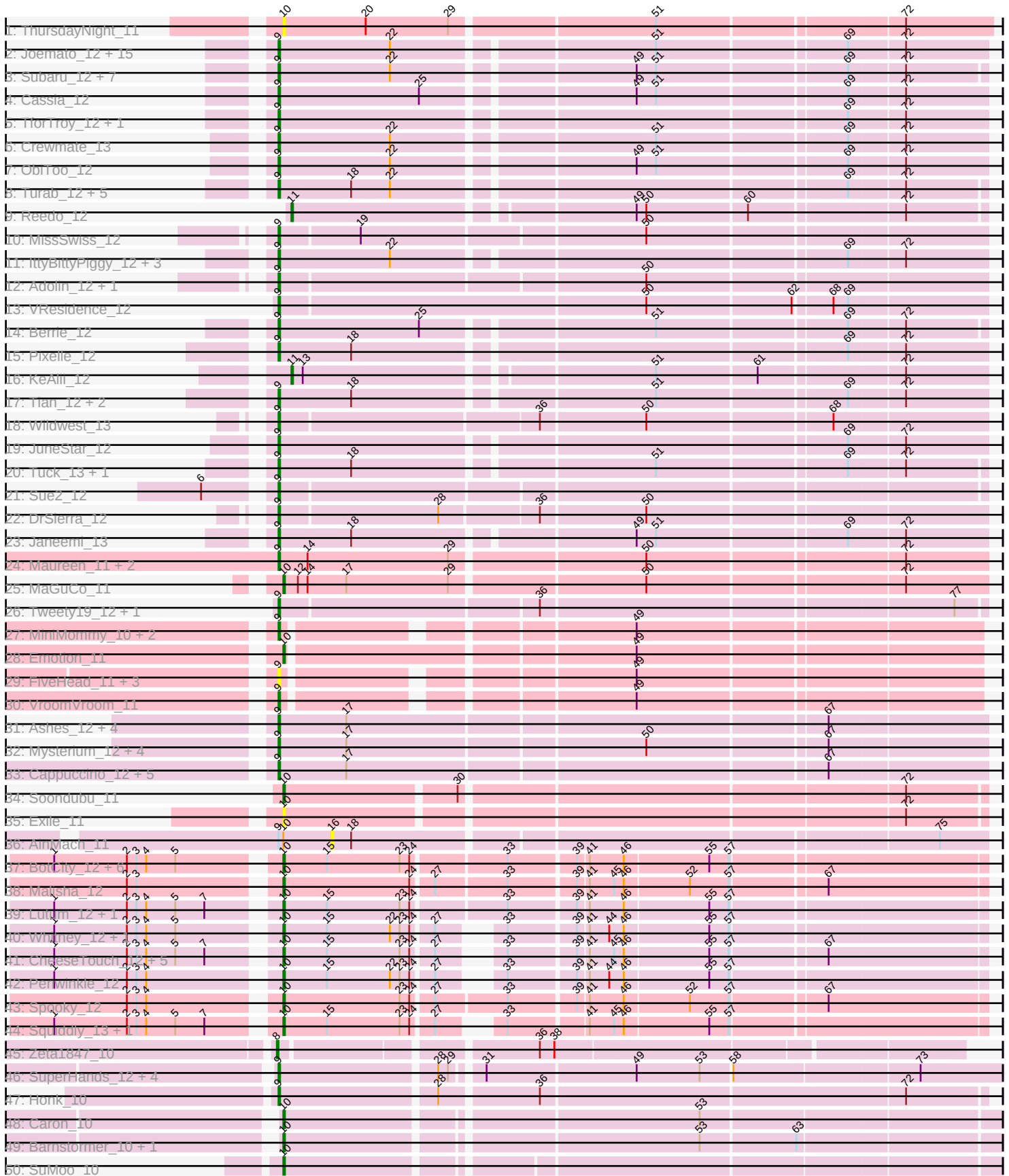
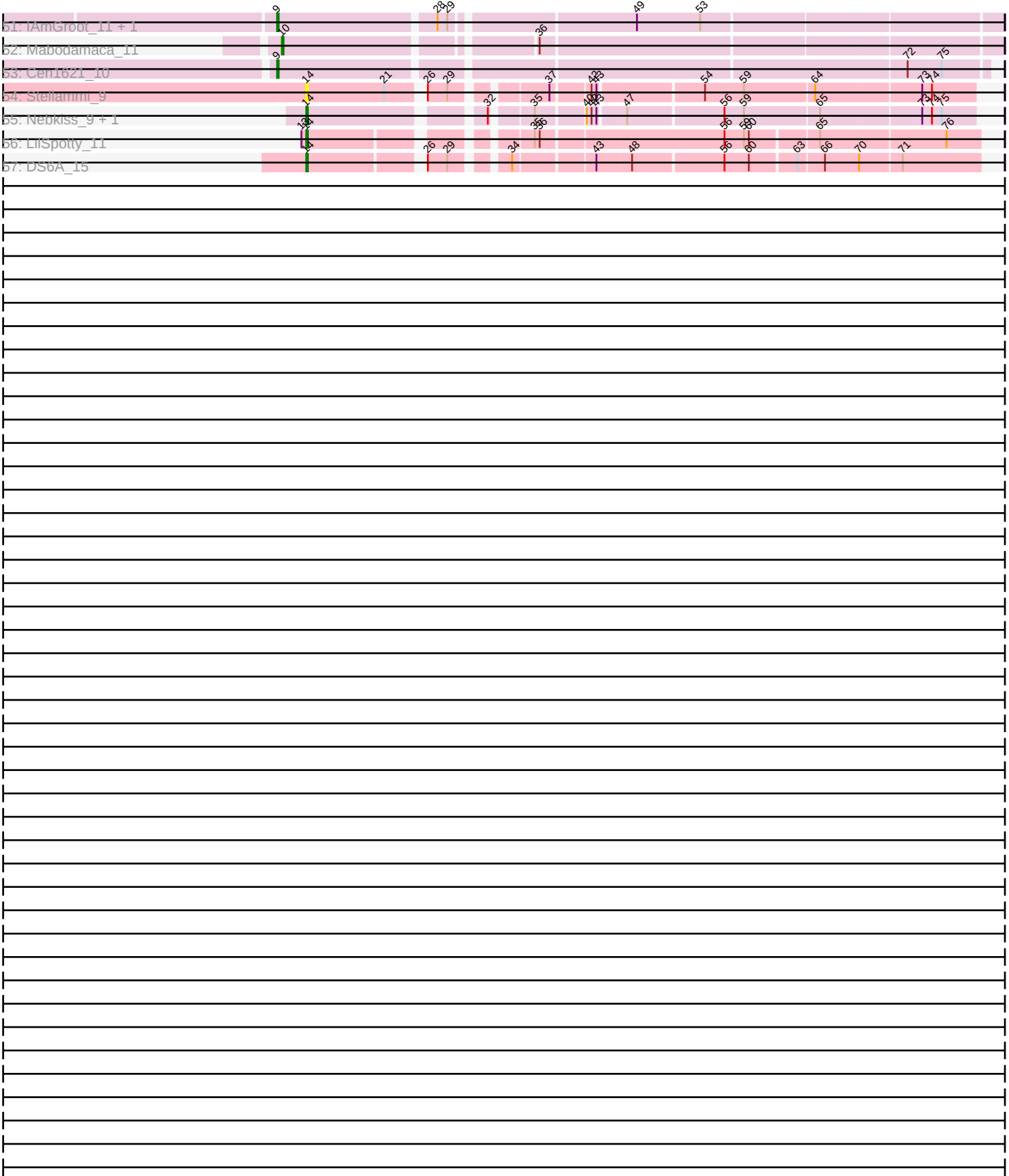




Pham 280191



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 280191 Report

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

Pham number 280191 has 134 members, 25 are drafts.

Phages represented in each track:

- Track 1 : ThursdayNight_11
- Track 2 : Joemato_12, Iter_12, AGrandiflora_12, JohnDoe_12, Cyan_12, Warda_12, Lego_12, YesChef_12, Lizalica_12, Simpson_13, Kaylissa_12, Tutumahutu_12, Tbone_12, Powerpuff_12, Ascela_12, Mudpuppy_12
- Track 3 : Subaru_12, Elezi_12, Eraser_12, London_12, Niobe_12, Skelbel_12, Asa16_12, Jstan_12
- Track 4 : Cassia_12
- Track 5 : TforTroy_12, Yang_12
- Track 6 : Crewmate_13
- Track 7 : ObiToo_12
- Track 8 : Turab_12, Nitro_12, Tallboi_12, Adumb2043_12, Amploria_12, AEgle_12
- Track 9 : Reedo_12
- Track 10 : MissSwiss_12
- Track 11 : IttyBittyPiggy_12, Pumpkins_12, Flutur_12, Schaffner_12
- Track 12 : Adolin_12, DrManhattan_12
- Track 13 : VResidence_12
- Track 14 : Berrie_12
- Track 15 : Pixelle_12
- Track 16 : KeAlii_12
- Track 17 : Tian_12, Amyev_12, Phives_13
- Track 18 : Wildwest_13
- Track 19 : JuneStar_12
- Track 20 : Tuck_13, Community_13
- Track 21 : Sue2_12
- Track 22 : DrSierra_12
- Track 23 : Janeemi_13
- Track 24 : Maureen_11, IUFootball_11, Liebe_11
- Track 25 : MaGuCo_11
- Track 26 : Tweety19_12, Snek_12
- Track 27 : MiniMommy_10, JasmineDragon_11, ShakeItOph_11
- Track 28 : Emotion_11
- Track 29 : FiveHead_11, Origami_11, LadyAstra_11, JohnThicc_11
- Track 30 : VroomVroom_11
- Track 31 : Ashes_12, RockScotty_12, SpecialK_12, Halsey_12, Moss_12
- Track 32 : Mysterium_12, Beaupre_12, Gumpizza_12, Giorgio_12, Stuu_12
- Track 33 : Cappuccino_12, Kalimba_12, Donkey_12, Sabourin_12, Gambol_12, Sooty_12

- Track 34 : Soondubu_11
- Track 35 : Exile_11
- Track 36 : AinMach_11
- Track 37 : BotCity_12, Leroy_12, Horus_12, BENtherdunthat_12, ShawBrad_12, Frickyeah_12, Asapag_12
- Track 38 : Malisha_12
- Track 39 : Lutum_12, Kenna_12
- Track 40 : Whitney_12, GetaLong_12
- Track 41 : CheeseTouch_12, Budski_12, LitninMcQueen_12, Kamaru_12, Phabuloso_12, Holliday_12
- Track 42 : Periwinkle_12
- Track 43 : Spooky_12
- Track 44 : Squiddly_13, Phistory_12
- Track 45 : Zeta1847_10
- Track 46 : SuperHands_12, Floof_11, Percival_11, Forester_20, Gretchen_11
- Track 47 : Honk_10
- Track 48 : Caron_10
- Track 49 : Barnstormer_10, UtzChips_10
- Track 50 : SuMoo_10
- Track 51 : IAmGroot_11, GardenState_11
- Track 52 : Mabodamaca_11
- Track 53 : Cen1621_10
- Track 54 : Stellammi_9
- Track 55 : Nebkiss_9, Gaia_9
- Track 56 : LilSpotty_11
- Track 57 : DS6A_15

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

The start number called the most often in the published annotations is 9, it was called in 74 of the 109 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• AEgle_12, AGrandiflora_12, Adolin_12, Adumb2043_12, Amploria_12, Amyev_12, Asa16_12, Ascela_12, Ashes_12, Beaupre_12, Berrie_12, Cappuccino_12, Cassia_12, Cen1621_10, Community_13, Crewmate_13, Cyan_12, Donkey_12, DrManhattan_12, DrSierra_12, Elezi_12, Eraser_12, FiveHead_11, Floof_11, Flutur_12, Forester_20, Gambol_12, GardenState_11, Giorgio_12, Gretchen_11, Gumpizza_12, Halsey_12, Honk_10, IAmGroot_11, IUFootball_11, Iter_12, IttyBittyPiggy_12, Janeemi_13, JasmineDragon_11, Joemato_12, JohnDoe_12, JohnThicc_11, Jstan_12, JuneStar_12, Kalimba_12, Kaylissa_12, LadyAstra_11, Lego_12, Liebe_11, Lizalica_12, London_12, Maureen_11, MiniMommy_10, MissSwiss_12, Moss_12, Mudpuppy_12, Mysterium_12, Niobe_12, Nitro_12, ObiToo_12, Origami_11, Percival_11, Phives_13, Pixelle_12, Powerpuff_12, Pumpkins_12, RockScotty_12, Sabourin_12, Schaffner_12, ShakeltOph_11, Simpson_13, Skelbel_12, Snek_12, Sooty_12, SpecialK_12, Stuu_12, Subaru_12, Sue2_12, SuperHands_12, Tallboi_12, Tbone_12, TforTroy_12, Tian_12, Tuck_13, Turab_12, Tutumahutu_12, Tweety19_12, VResidence_12, VroomVroom_11, Warda_12, Wildwest_13, Yang_12, YesChef_12,

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

- AinMach_11,

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

- Asapag_12, BENtherdunthat_12, Barnstormer_10, BotCity_12, Budski_12, Caron_10, CheeseTouch_12, DS6A_15, Emotion_11, Exile_11, Frickyeah_12, Gaia_9, Getalong_12, Holliday_12, Horus_12, Kamaru_12, KeAlii_12, Kenna_12, Leroy_12, LilSpotty_11, LitninMcQueen_12, Lutum_12, MaGuCo_11, Mabodamaca_11, Malisha_12, Nebkiss_9, Periwinkle_12, Phabuloso_12, Phistory_12, Reedo_12, ShawBrad_12, Soondubu_11, Spooky_12, Squiddly_13, Stellammi_9, SuMoo_10, ThursdayNight_11, UtzChips_10, Whitney_12, Zeta1847_10,

Summary by start number:

Start 8:

- Found in 1 of 134 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 109
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Zeta1847_10 (EH),

Start 9:

- Found in 94 of 134 (70.1%) of genes in pham
- Manual Annotations of this start: 74 of 109
- Called 98.9% of time when present
- Phage (with cluster) where this start called: AEgle_12 (AZ1), AGrandiflora_12 (AZ1), Adolin_12 (AZ1), Adumb2043_12 (AZ1), Amploria_12 (AZ1), Amyev_12 (AZ1), Asa16_12 (AZ1), Ascela_12 (AZ1), Ashes_12 (AZ5), Beaupre_12 (AZ5), Berrie_12 (AZ1), Cappuccino_12 (AZ5), Cassia_12 (AZ1), Cen1621_10 (EH), Community_13 (AZ1), Crewmate_13 (AZ1), Cyan_12 (AZ1), Donkey_12 (AZ5), DrManhattan_12 (AZ1), DrSierra_12 (AZ1), Elezi_12 (AZ1), Eraser_12 (AZ1), FiveHead_11 (AZ4), Floof_11 (EH), Flutur_12 (AZ), Forester_20 (EH), Gambol_12 (AZ5), GardenState_11 (EH), Giorgio_12 (AZ5), Gretchen_11 (EH), Gumpizza_12 (AZ5), Halsey_12 (AZ5), Honk_10 (EH), IAmGroot_11 (EH), IUFootball_11 (AZ2), Iter_12 (AZ1), IttyBittyPiggy_12 (AZ1), Janeemi_13 (AZ1), JasmineDragon_11 (AZ4), Joemato_12 (AZ1), JohnDoe_12 (AZ1), JohnThicc_11 (AZ4), Jstan_12 (AZ1), JuneStar_12 (AZ1), Kalimba_12 (AZ5), Kaylissa_12 (AZ1), LadyAstra_11 (AZ4), Lego_12 (AZ1), Liebe_11 (AZ2), Lizalica_12 (AZ1), London_12 (AZ1), Maureen_11 (AZ2), MiniMommy_10 (AZ4), MissSwiss_12 (AZ1), Moss_12 (AZ5), Mudpuppy_12 (AZ1), Mysterium_12 (AZ5), Niobe_12 (AZ1), Nitro_12 (AZ1), ObiToo_12 (AZ1), Origami_11 (AZ4), Percival_11 (EH), Phives_13 (AZ1), Pixelle_12 (AZ1), Powerpuff_12 (AZ1), Pumpkins_12 (AZ1), RockScotty_12 (AZ5), Sabourin_12 (AZ5), Schaffner_12 (AZ1), ShakeltOph_11 (AZ4), Simpson_13 (AZ1), Skelbel_12 (AZ1), Snek_12 (AZ3), Sooty_12 (AZ5), SpecialK_12 (AZ5), Stuu_12 (AZ5), Subaru_12 (AZ1), Sue2_12 (AZ1), SuperHands_12 (EH), Tallboi_12 (AZ1), Tbone_12 (AZ1), TforTroy_12 (AZ1), Tian_12 (AZ1), Tuck_13 (AZ1), Turab_12 (AZ1), Tutumahutu_12 (AZ1), Tweety19_12 (AZ3), VResidence_12 (AZ1), VroomVroom_11 (AZ4), Warda_12 (AZ1), Wildwest_13 (AZ1), Yang_12 (AZ1), YesChef_12 (AZ1),

Start 10:

- Found in 33 of 134 (24.6%) of genes in pham
- Manual Annotations of this start: 28 of 109
- Called 97.0% of time when present

- Phage (with cluster) where this start called: Asapag_12 (DN1), BENTherdunthat_12 (DN1), Barnstormer_10 (EH), BotCity_12 (DN), Budski_12 (DN), Caron_10 (EH), CheeseTouch_12 (DN1), Emotion_11 (AZ4), Exile_11 (AZ6), Frickyeah_12 (DN1), Getalong_12 (DN1), Holliday_12 (DN1), Horus_12 (DN1), Kamaru_12 (DN1), Kenna_12 (DN1), Leroy_12 (DN1), LitninMcQueen_12 (DN1), Lutum_12 (DN1), MaGuCo_11 (AZ2), Mabodamaca_11 (EH), Malisha_12 (DN), Periwinkle_12 (DN1), Phabuloso_12 (DN1), Phistory_12 (DN1), ShawBrad_12 (DN1), Soondubu_11 (AZ6), Spooky_12 (DN2), Squiddly_13 (DN2), SuMoo_10 (EH), ThursdayNight_11 (AZ), UtzChips_10 (EH), Whitney_12 (DN1),

Start 11:

- Found in 2 of 134 (1.5%) of genes in pham
- Manual Annotations of this start: 2 of 109
- Called 100.0% of time when present
- Phage (with cluster) where this start called: KeAlii_12 (AZ1), Reedo_12 (AZ1),

Start 14:

- Found in 9 of 134 (6.7%) of genes in pham
- Manual Annotations of this start: 4 of 109
- Called 55.6% of time when present
- Phage (with cluster) where this start called: DS6A_15 (singleton), Gaia_9 (X), LilSpotty_11 (singleton), Nebkiss_9 (X), Stellammi_9 (UNK),

Start 16:

- Found in 1 of 134 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AinMach_11 (AZ7),

Summary by clusters:

There are 15 clusters represented in this pham: DN, singleton, UNK, EH, AZ, DN1, X, DN2, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6, AZ7,

Info for manual annotations of cluster AZ1:

- Start number 9 was manually annotated 44 times for cluster AZ1.
- Start number 11 was manually annotated 2 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 9 was manually annotated 2 times for cluster AZ2.
- Start number 10 was manually annotated 1 time for cluster AZ2.

Info for manual annotations of cluster AZ3:

- Start number 9 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:

- Start number 9 was manually annotated 4 times for cluster AZ4.
- Start number 10 was manually annotated 1 time for cluster AZ4.

Info for manual annotations of cluster AZ5:

- Start number 9 was manually annotated 15 times for cluster AZ5.

Info for manual annotations of cluster AZ6:

- Start number 10 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster DN:

- Start number 10 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 10 was manually annotated 15 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 10 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster EH:

- Start number 8 was manually annotated 1 time for cluster EH.
- Start number 9 was manually annotated 7 times for cluster EH.
- Start number 10 was manually annotated 5 times for cluster EH.

Info for manual annotations of cluster X:

- Start number 14 was manually annotated 2 times for cluster X.

Gene Information:

Gene: AEgle_12 Start: 9049, Stop: 9459, Start Num: 9

Candidate Starts for AEgle_12:

(Start: 9 @9049 has 74 MA's), (18, 9094), (22, 9118), (69, 9379), (72, 9412),

Gene: AGrandiflora_12 Start: 9036, Stop: 9449, Start Num: 9

Candidate Starts for AGrandiflora_12:

(Start: 9 @9036 has 74 MA's), (22, 9105), (51, 9255), (69, 9366), (72, 9399),

Gene: Adolin_12 Start: 9024, Stop: 9440, Start Num: 9

Candidate Starts for Adolin_12:

(Start: 9 @9024 has 74 MA's), (50, 9240),

Gene: Adumb2043_12 Start: 9048, Stop: 9458, Start Num: 9

Candidate Starts for Adumb2043_12:

(Start: 9 @9048 has 74 MA's), (18, 9093), (22, 9117), (69, 9378), (72, 9411),

Gene: AinMach_11 Start: 8183, Stop: 8566, Start Num: 16

Candidate Starts for AinMach_11:

(Start: 9 @8150 has 74 MA's), (Start: 10 @8153 has 28 MA's), (16, 8183), (18, 8195), (75, 8537),

Gene: Amploria_12 Start: 9048, Stop: 9458, Start Num: 9

Candidate Starts for Amploria_12:

(Start: 9 @9048 has 74 MA's), (18, 9093), (22, 9117), (69, 9378), (72, 9411),

Gene: Amyev_12 Start: 9064, Stop: 9477, Start Num: 9

Candidate Starts for Amyev_12:

(Start: 9 @9064 has 74 MA's), (18, 9109), (51, 9283), (69, 9394), (72, 9427),

Gene: Asa16_12 Start: 9018, Stop: 9428, Start Num: 9

Candidate Starts for Asa16_12:

(Start: 9 @9018 has 74 MA's), (22, 9087), (49, 9225), (51, 9237), (69, 9348), (72, 9381),

Gene: Asapag_12 Start: 7041, Stop: 7451, Start Num: 10

Candidate Starts for Asapag_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (Start: 10 @7041 has 28 MA's), (15, 7068), (23, 7113), (24, 7119), (33, 7173), (39, 7212), (41, 7218), (46, 7239), (55, 7290), (57, 7302),

Gene: Ascela_12 Start: 9053, Stop: 9463, Start Num: 9

Candidate Starts for Ascela_12:

(Start: 9 @9053 has 74 MA's), (22, 9122), (51, 9272), (69, 9383), (72, 9416),

Gene: Ashes_12 Start: 8547, Stop: 8966, Start Num: 9

Candidate Starts for Ashes_12:

(Start: 9 @8547 has 74 MA's), (17, 8589), (67, 8871),

Gene: BENtherdunthat_12 Start: 7041, Stop: 7451, Start Num: 10

Candidate Starts for BENtherdunthat_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (Start: 10 @7041 has 28 MA's), (15, 7068), (23, 7113), (24, 7119), (33, 7173), (39, 7212), (41, 7218), (46, 7239), (55, 7290), (57, 7302),

Gene: Barnstormer_10 Start: 8216, Stop: 8632, Start Num: 10

Candidate Starts for Barnstormer_10:

(Start: 10 @8216 has 28 MA's), (53, 8456), (63, 8513),

Gene: Beaupre_12 Start: 8548, Stop: 8967, Start Num: 9

Candidate Starts for Beaupre_12:

(Start: 9 @8548 has 74 MA's), (17, 8590), (50, 8767), (67, 8872),

Gene: Berrie_12 Start: 9020, Stop: 9430, Start Num: 9

Candidate Starts for Berrie_12:

(Start: 9 @9020 has 74 MA's), (25, 9107), (51, 9239), (69, 9350), (72, 9383),

Gene: BotCity_12 Start: 7039, Stop: 7449, Start Num: 10

Candidate Starts for BotCity_12:

(1, 6910), (2, 6955), (3, 6961), (4, 6967), (5, 6985), (Start: 10 @7039 has 28 MA's), (15, 7066), (23, 7111), (24, 7117), (33, 7171), (39, 7210), (41, 7216), (46, 7237), (55, 7288), (57, 7300),

Gene: Budski_12 Start: 7046, Stop: 7438, Start Num: 10

Candidate Starts for Budski_12:

(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (7, 7010), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (27, 7136), (33, 7160), (39, 7199), (41, 7205), (45, 7220), (46, 7226), (55, 7277), (57, 7289), (67, 7343),

Gene: Cappuccino_12 Start: 8456, Stop: 8875, Start Num: 9

Candidate Starts for Cappuccino_12:

(Start: 9 @8456 has 74 MA's), (17, 8498), (67, 8780),

Gene: Caron_10 Start: 8244, Stop: 8660, Start Num: 10

Candidate Starts for Caron_10:

(Start: 10 @8244 has 28 MA's), (53, 8484),

Gene: Cassia_12 Start: 9139, Stop: 9552, Start Num: 9

Candidate Starts for Cassia_12:

(Start: 9 @9139 has 74 MA's), (25, 9226), (49, 9346), (51, 9358), (69, 9469), (72, 9502),

Gene: Cen1621_10 Start: 7355, Stop: 7771, Start Num: 9

Candidate Starts for Cen1621_10:

(Start: 9 @7355 has 74 MA's), (72, 7724), (75, 7745),

Gene: CheeseTouch_12 Start: 7046, Stop: 7438, Start Num: 10

Candidate Starts for CheeseTouch_12:

(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (7, 7010), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (27, 7136), (33, 7160), (39, 7199), (41, 7205), (45, 7220), (46, 7226), (55, 7277), (57, 7289), (67, 7343),

Gene: Community_13 Start: 10099, Stop: 10509, Start Num: 9

Candidate Starts for Community_13:

(Start: 9 @10099 has 74 MA's), (18, 10144), (51, 10318), (69, 10429), (72, 10462),

Gene: Crewmate_13 Start: 9485, Stop: 9898, Start Num: 9

Candidate Starts for Crewmate_13:

(Start: 9 @9485 has 74 MA's), (22, 9554), (51, 9704), (69, 9815), (72, 9848),

Gene: Cyan_12 Start: 9040, Stop: 9453, Start Num: 9

Candidate Starts for Cyan_12:

(Start: 9 @9040 has 74 MA's), (22, 9109), (51, 9259), (69, 9370), (72, 9403),

Gene: DS6A_15 Start: 10364, Stop: 10735, Start Num: 14

Candidate Starts for DS6A_15:

(Start: 14 @10364 has 4 MA's), (26, 10427), (29, 10439), (34, 10466), (43, 10511), (48, 10532), (56, 10586), (60, 10601), (63, 10628), (66, 10643), (70, 10664), (71, 10688),

Gene: Donkey_12 Start: 8456, Stop: 8875, Start Num: 9

Candidate Starts for Donkey_12:

(Start: 9 @8456 has 74 MA's), (17, 8498), (67, 8780),

Gene: DrManhattan_12 Start: 9014, Stop: 9430, Start Num: 9

Candidate Starts for DrManhattan_12:

(Start: 9 @9014 has 74 MA's), (50, 9230),

Gene: DrSierra_12 Start: 9047, Stop: 9463, Start Num: 9

Candidate Starts for DrSierra_12:

(Start: 9 @9047 has 74 MA's), (28, 9143), (36, 9200), (50, 9263),

Gene: Elezi_12 Start: 9019, Stop: 9429, Start Num: 9

Candidate Starts for Elezi_12:

(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: Emotion_11 Start: 7354, Stop: 7758, Start Num: 10

Candidate Starts for Emotion_11:

(Start: 10 @7354 has 28 MA's), (49, 7555),

Gene: Eraser_12 Start: 9019, Stop: 9429, Start Num: 9

Candidate Starts for Eraser_12:

(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: Exile_11 Start: 8927, Stop: 9337, Start Num: 10

Candidate Starts for Exile_11:

(Start: 10 @8927 has 28 MA's), (72, 9290),

Gene: FiveHead_11 Start: 7283, Stop: 7678, Start Num: 9

Candidate Starts for FiveHead_11:

(Start: 9 @7283 has 74 MA's), (49, 7475),

Gene: Floof_11 Start: 7791, Stop: 8213, Start Num: 9

Candidate Starts for Floof_11:

(Start: 9 @7791 has 74 MA's), (28, 7884), (29, 7890), (31, 7905), (49, 7995), (53, 8034), (58, 8052), (73, 8163),

Gene: Flutur_12 Start: 9039, Stop: 9452, Start Num: 9

Candidate Starts for Flutur_12:

(Start: 9 @9039 has 74 MA's), (22, 9108), (69, 9369), (72, 9402),

Gene: Forester_20 Start: 9343, Stop: 9765, Start Num: 9

Candidate Starts for Forester_20:

(Start: 9 @9343 has 74 MA's), (28, 9436), (29, 9442), (31, 9457), (49, 9547), (53, 9586), (58, 9604), (73, 9715),

Gene: Frickyeah_12 Start: 7041, Stop: 7451, Start Num: 10

Candidate Starts for Frickyeah_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (Start: 10 @7041 has 28 MA's), (15, 7068), (23, 7113), (24, 7119), (33, 7173), (39, 7212), (41, 7218), (46, 7239), (55, 7290), (57, 7302),

Gene: Gaia_9 Start: 7642, Stop: 8013, Start Num: 14

Candidate Starts for Gaia_9:

(Start: 14 @7642 has 4 MA's), (32, 7738), (35, 7759), (40, 7786), (42, 7789), (43, 7792), (47, 7807), (56, 7864), (59, 7876), (65, 7921), (73, 7981), (74, 7987), (75, 7993),

Gene: Gambol_12 Start: 8456, Stop: 8875, Start Num: 9

Candidate Starts for Gambol_12:

(Start: 9 @8456 has 74 MA's), (17, 8498), (67, 8780),

Gene: GardenState_11 Start: 8458, Stop: 8877, Start Num: 9

Candidate Starts for GardenState_11:

(Start: 9 @8458 has 74 MA's), (28, 8551), (29, 8557), (49, 8662), (53, 8701),

Gene: Getalong_12 Start: 7041, Stop: 7433, Start Num: 10

Candidate Starts for Getalong_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (Start: 10 @7041 has 28 MA's), (15, 7068), (22, 7107), (23, 7113), (24, 7119), (27, 7131), (33, 7155), (39, 7194), (41, 7200), (44, 7212), (46, 7221), (55, 7272), (57, 7284),

Gene: Giorgio_12 Start: 8549, Stop: 8968, Start Num: 9

Candidate Starts for Giorgio_12:

(Start: 9 @8549 has 74 MA's), (17, 8591), (50, 8768), (67, 8873),

Gene: Gretchen_11 Start: 9337, Stop: 9759, Start Num: 9

Candidate Starts for Gretchen_11:

(Start: 9 @9337 has 74 MA's), (28, 9430), (29, 9436), (31, 9451), (49, 9541), (53, 9580), (58, 9598), (73, 9709),

Gene: Gumpizza_12 Start: 8548, Stop: 8967, Start Num: 9

Candidate Starts for Gumpizza_12:

(Start: 9 @8548 has 74 MA's), (17, 8590), (50, 8767), (67, 8872),

Gene: Halsey_12 Start: 8547, Stop: 8966, Start Num: 9

Candidate Starts for Halsey_12:

(Start: 9 @8547 has 74 MA's), (17, 8589), (67, 8871),

Gene: Holliday_12 Start: 7046, Stop: 7438, Start Num: 10

Candidate Starts for Holliday_12:

(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (7, 7010), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (27, 7136), (33, 7160), (39, 7199), (41, 7205), (45, 7220), (46, 7226), (55, 7277), (57, 7289), (67, 7343),

Gene: Honk_10 Start: 7323, Stop: 7739, Start Num: 9

Candidate Starts for Honk_10:

(Start: 9 @7323 has 74 MA's), (28, 7416), (36, 7473), (72, 7692),

Gene: Horus_12 Start: 7041, Stop: 7451, Start Num: 10

Candidate Starts for Horus_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (Start: 10 @7041 has 28 MA's), (15, 7068), (23, 7113), (24, 7119), (33, 7173), (39, 7212), (41, 7218), (46, 7239), (55, 7290), (57, 7302),

Gene: IAmGroot_11 Start: 9102, Stop: 9521, Start Num: 9

Candidate Starts for IAmGroot_11:

(Start: 9 @9102 has 74 MA's), (28, 9195), (29, 9201), (49, 9306), (53, 9345),

Gene: IUFootball_11 Start: 7496, Stop: 7915, Start Num: 9

Candidate Starts for IUFootball_11:

(Start: 9 @7496 has 74 MA's), (Start: 14 @7514 has 4 MA's), (29, 7601), (50, 7715), (72, 7865),

Gene: Iter_12 Start: 9053, Stop: 9463, Start Num: 9

Candidate Starts for Iter_12:

(Start: 9 @9053 has 74 MA's), (22, 9122), (51, 9272), (69, 9383), (72, 9416),

Gene: IttyBittyPiggy_12 Start: 9041, Stop: 9454, Start Num: 9

Candidate Starts for IttyBittyPiggy_12:

(Start: 9 @9041 has 74 MA's), (22, 9110), (69, 9371), (72, 9404),

Gene: Janeemi_13 Start: 10130, Stop: 10543, Start Num: 9

Candidate Starts for Janeemi_13:

(Start: 9 @10130 has 74 MA's), (18, 10175), (49, 10337), (51, 10349), (69, 10460), (72, 10493),

Gene: JasmineDragon_11 Start: 7286, Stop: 7681, Start Num: 9

Candidate Starts for JasmineDragon_11:

(Start: 9 @7286 has 74 MA's), (49, 7478),

Gene: Joemato_12 Start: 9040, Stop: 9453, Start Num: 9

Candidate Starts for Joemato_12:
(Start: 9 @9040 has 74 MA's), (22, 9109), (51, 9259), (69, 9370), (72, 9403),

Gene: JohnDoe_12 Start: 9038, Stop: 9451, Start Num: 9
Candidate Starts for JohnDoe_12:
(Start: 9 @9038 has 74 MA's), (22, 9107), (51, 9257), (69, 9368), (72, 9401),

Gene: JohnThicc_11 Start: 7283, Stop: 7678, Start Num: 9
Candidate Starts for JohnThicc_11:
(Start: 9 @7283 has 74 MA's), (49, 7475),

Gene: Jstan_12 Start: 9019, Stop: 9429, Start Num: 9
Candidate Starts for Jstan_12:
(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: JuneStar_12 Start: 9135, Stop: 9548, Start Num: 9
Candidate Starts for JuneStar_12:
(Start: 9 @9135 has 74 MA's), (69, 9465), (72, 9498),

Gene: Kalimba_12 Start: 8456, Stop: 8875, Start Num: 9
Candidate Starts for Kalimba_12:
(Start: 9 @8456 has 74 MA's), (17, 8498), (67, 8780),

Gene: Kamaru_12 Start: 7046, Stop: 7438, Start Num: 10
Candidate Starts for Kamaru_12:
(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (7, 7010), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (27, 7136), (33, 7160), (39, 7199), (41, 7205), (45, 7220), (46, 7226), (55, 7277), (57, 7289), (67, 7343),

Gene: Kaylissa_12 Start: 9041, Stop: 9454, Start Num: 9
Candidate Starts for Kaylissa_12:
(Start: 9 @9041 has 74 MA's), (22, 9110), (51, 9260), (69, 9371), (72, 9404),

Gene: KeAlii_12 Start: 9073, Stop: 9474, Start Num: 11
Candidate Starts for KeAlii_12:
(Start: 11 @9073 has 2 MA's), (13, 9079), (51, 9280), (61, 9340), (72, 9424),

Gene: Kenna_12 Start: 7041, Stop: 7451, Start Num: 10
Candidate Starts for Kenna_12:
(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (7, 7005), (Start: 10 @7041 has 28 MA's), (15, 7068), (23, 7113), (24, 7119), (33, 7173), (39, 7212), (41, 7218), (46, 7239), (55, 7290), (57, 7302),

Gene: LadyAstra_11 Start: 7283, Stop: 7678, Start Num: 9
Candidate Starts for LadyAstra_11:
(Start: 9 @7283 has 74 MA's), (49, 7475),

Gene: Lego_12 Start: 9039, Stop: 9452, Start Num: 9
Candidate Starts for Lego_12:
(Start: 9 @9039 has 74 MA's), (22, 9108), (51, 9258), (69, 9369), (72, 9402),

Gene: Leroy_12 Start: 7042, Stop: 7452, Start Num: 10
Candidate Starts for Leroy_12:

(1, 6913), (2, 6958), (3, 6964), (4, 6970), (5, 6988), (Start: 10 @7042 has 28 MA's), (15, 7069), (23, 7114), (24, 7120), (33, 7174), (39, 7213), (41, 7219), (46, 7240), (55, 7291), (57, 7303),

Gene: Liebe_11 Start: 7496, Stop: 7915, Start Num: 9

Candidate Starts for Liebe_11:

(Start: 9 @7496 has 74 MA's), (Start: 14 @7514 has 4 MA's), (29, 7601), (50, 7715), (72, 7865),

Gene: LilSpotty_11 Start: 7105, Stop: 7479, Start Num: 14

Candidate Starts for LilSpotty_11:

(13, 7102), (Start: 14 @7105 has 4 MA's), (35, 7219), (36, 7222), (56, 7330), (59, 7342), (60, 7345), (65, 7384), (76, 7459),

Gene: LitninMcQueen_12 Start: 7046, Stop: 7438, Start Num: 10

Candidate Starts for LitninMcQueen_12:

(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (7, 7010), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (27, 7136), (33, 7160), (39, 7199), (41, 7205), (45, 7220), (46, 7226), (55, 7277), (57, 7289), (67, 7343),

Gene: Lizalica_12 Start: 9025, Stop: 9438, Start Num: 9

Candidate Starts for Lizalica_12:

(Start: 9 @9025 has 74 MA's), (22, 9094), (51, 9244), (69, 9355), (72, 9388),

Gene: London_12 Start: 9019, Stop: 9429, Start Num: 9

Candidate Starts for London_12:

(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: Lutum_12 Start: 7041, Stop: 7451, Start Num: 10

Candidate Starts for Lutum_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (7, 7005), (Start: 10 @7041 has 28 MA's), (15, 7068), (23, 7113), (24, 7119), (33, 7173), (39, 7212), (41, 7218), (46, 7239), (55, 7290), (57, 7302),

Gene: MaGuCo_11 Start: 7435, Stop: 7851, Start Num: 10

Candidate Starts for MaGuCo_11:

(Start: 10 @7435 has 28 MA's), (12, 7444), (Start: 14 @7450 has 4 MA's), (17, 7474), (29, 7537), (50, 7651), (72, 7801),

Gene: Mabodamaca_11 Start: 8555, Stop: 8968, Start Num: 10

Candidate Starts for Mabodamaca_11:

(Start: 10 @8555 has 28 MA's), (36, 8696),

Gene: Malisha_12 Start: 8091, Stop: 8501, Start Num: 10

Candidate Starts for Malisha_12:

(2, 8007), (3, 8013), (Start: 10 @8091 has 28 MA's), (24, 8169), (27, 8181), (33, 8223), (39, 8262), (41, 8268), (45, 8283), (46, 8289), (52, 8328), (57, 8352), (67, 8406),

Gene: Maureen_11 Start: 7496, Stop: 7915, Start Num: 9

Candidate Starts for Maureen_11:

(Start: 9 @7496 has 74 MA's), (Start: 14 @7514 has 4 MA's), (29, 7601), (50, 7715), (72, 7865),

Gene: MiniMommy_10 Start: 7286, Stop: 7681, Start Num: 9

Candidate Starts for MiniMommy_10:

(Start: 9 @7286 has 74 MA's), (49, 7478),

Gene: MissSwiss_12 Start: 9018, Stop: 9434, Start Num: 9

Candidate Starts for MissSwiss_12:

(Start: 9 @9018 has 74 MA's), (19, 9066), (50, 9234),

Gene: Moss_12 Start: 8547, Stop: 8966, Start Num: 9

Candidate Starts for Moss_12:

(Start: 9 @8547 has 74 MA's), (17, 8589), (67, 8871),

Gene: Mudpuppy_12 Start: 9039, Stop: 9452, Start Num: 9

Candidate Starts for Mudpuppy_12:

(Start: 9 @9039 has 74 MA's), (22, 9108), (51, 9258), (69, 9369), (72, 9402),

Gene: Mysterium_12 Start: 8548, Stop: 8967, Start Num: 9

Candidate Starts for Mysterium_12:

(Start: 9 @8548 has 74 MA's), (17, 8590), (50, 8767), (67, 8872),

Gene: Nebkiss_9 Start: 7643, Stop: 8014, Start Num: 14

Candidate Starts for Nebkiss_9:

(Start: 14 @7643 has 4 MA's), (32, 7739), (35, 7760), (40, 7787), (42, 7790), (43, 7793), (47, 7808), (56, 7865), (59, 7877), (65, 7922), (73, 7982), (74, 7988), (75, 7994),

Gene: Niobe_12 Start: 9019, Stop: 9429, Start Num: 9

Candidate Starts for Niobe_12:

(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: Nitro_12 Start: 9042, Stop: 9452, Start Num: 9

Candidate Starts for Nitro_12:

(Start: 9 @9042 has 74 MA's), (18, 9087), (22, 9111), (69, 9372), (72, 9405),

Gene: ObiToo_12 Start: 9222, Stop: 9635, Start Num: 9

Candidate Starts for ObiToo_12:

(Start: 9 @9222 has 74 MA's), (22, 9291), (49, 9429), (51, 9441), (69, 9552), (72, 9585),

Gene: Origami_11 Start: 7283, Stop: 7678, Start Num: 9

Candidate Starts for Origami_11:

(Start: 9 @7283 has 74 MA's), (49, 7475),

Gene: Percival_11 Start: 9171, Stop: 9593, Start Num: 9

Candidate Starts for Percival_11:

(Start: 9 @9171 has 74 MA's), (28, 9264), (29, 9270), (31, 9285), (49, 9375), (53, 9414), (58, 9432), (73, 9543),

Gene: Periwinkle_12 Start: 7041, Stop: 7433, Start Num: 10

Candidate Starts for Periwinkle_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (Start: 10 @7041 has 28 MA's), (15, 7068), (22, 7107), (23, 7113), (24, 7119), (27, 7131), (33, 7155), (39, 7194), (41, 7200), (44, 7212), (46, 7221), (55, 7272), (57, 7284),

Gene: Phabuloso_12 Start: 7046, Stop: 7438, Start Num: 10

Candidate Starts for Phabuloso_12:

(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (7, 7010), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (27, 7136), (33, 7160), (39, 7199), (41, 7205), (45, 7220), (46, 7226), (55, 7277), (57, 7289), (67, 7343),

Gene: Phistory_12 Start: 7030, Stop: 7422, Start Num: 10

Candidate Starts for Phistory_12:

(1, 6901), (2, 6946), (3, 6952), (4, 6958), (5, 6976), (7, 6994), (Start: 10 @7030 has 28 MA's), (15, 7057), (23, 7102), (24, 7108), (27, 7120), (33, 7144), (41, 7189), (45, 7204), (46, 7210), (55, 7261), (57, 7273),

Gene: Phives_13 Start: 10124, Stop: 10537, Start Num: 9

Candidate Starts for Phives_13:

(Start: 9 @10124 has 74 MA's), (18, 10169), (51, 10343), (69, 10454), (72, 10487),

Gene: Pixelle_12 Start: 9067, Stop: 9480, Start Num: 9

Candidate Starts for Pixelle_12:

(Start: 9 @9067 has 74 MA's), (18, 9112), (69, 9397), (72, 9430),

Gene: Powerpuff_12 Start: 9090, Stop: 9503, Start Num: 9

Candidate Starts for Powerpuff_12:

(Start: 9 @9090 has 74 MA's), (22, 9159), (51, 9309), (69, 9420), (72, 9453),

Gene: Pumpkins_12 Start: 9144, Stop: 9557, Start Num: 9

Candidate Starts for Pumpkins_12:

(Start: 9 @9144 has 74 MA's), (22, 9213), (69, 9474), (72, 9507),

Gene: Reedo_12 Start: 9091, Stop: 9489, Start Num: 11

Candidate Starts for Reedo_12:

(Start: 11 @9091 has 2 MA's), (49, 9286), (50, 9292), (60, 9352), (72, 9442),

Gene: RockScotty_12 Start: 8547, Stop: 8966, Start Num: 9

Candidate Starts for RockScotty_12:

(Start: 9 @8547 has 74 MA's), (17, 8589), (67, 8871),

Gene: Sabourin_12 Start: 8456, Stop: 8875, Start Num: 9

Candidate Starts for Sabourin_12:

(Start: 9 @8456 has 74 MA's), (17, 8498), (67, 8780),

Gene: Schaffner_12 Start: 9132, Stop: 9545, Start Num: 9

Candidate Starts for Schaffner_12:

(Start: 9 @9132 has 74 MA's), (22, 9201), (69, 9462), (72, 9495),

Gene: ShakeltOph_11 Start: 7286, Stop: 7681, Start Num: 9

Candidate Starts for ShakeltOph_11:

(Start: 9 @7286 has 74 MA's), (49, 7478),

Gene: ShawBrad_12 Start: 7046, Stop: 7456, Start Num: 10

Candidate Starts for ShawBrad_12:

(1, 6917), (2, 6962), (3, 6968), (4, 6974), (5, 6992), (Start: 10 @7046 has 28 MA's), (15, 7073), (23, 7118), (24, 7124), (33, 7178), (39, 7217), (41, 7223), (46, 7244), (55, 7295), (57, 7307),

Gene: Simpson_13 Start: 9040, Stop: 9453, Start Num: 9

Candidate Starts for Simpson_13:

(Start: 9 @9040 has 74 MA's), (22, 9109), (51, 9259), (69, 9370), (72, 9403),

Gene: Skelbel_12 Start: 9019, Stop: 9429, Start Num: 9

Candidate Starts for Skelbel_12:

(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: Snek_12 Start: 8127, Stop: 8540, Start Num: 9

Candidate Starts for Snek_12:

(Start: 9 @8127 has 74 MA's), (36, 8280), (77, 8523),

Gene: Soondubu_11 Start: 8928, Stop: 9338, Start Num: 10

Candidate Starts for Soondubu_11:

(Start: 10 @8928 has 28 MA's), (30, 9030), (72, 9291),

Gene: Sooty_12 Start: 8457, Stop: 8876, Start Num: 9

Candidate Starts for Sooty_12:

(Start: 9 @8457 has 74 MA's), (17, 8499), (67, 8781),

Gene: SpecialK_12 Start: 8454, Stop: 8873, Start Num: 9

Candidate Starts for SpecialK_12:

(Start: 9 @8454 has 74 MA's), (17, 8496), (67, 8778),

Gene: Spooky_12 Start: 7039, Stop: 7449, Start Num: 10

Candidate Starts for Spooky_12:

(2, 6955), (3, 6961), (4, 6967), (Start: 10 @7039 has 28 MA's), (23, 7111), (24, 7117), (27, 7129), (33, 7171), (39, 7210), (41, 7216), (46, 7237), (52, 7276), (57, 7300), (67, 7354),

Gene: Squiddly_13 Start: 7726, Stop: 8118, Start Num: 10

Candidate Starts for Squiddly_13:

(1, 7597), (2, 7642), (3, 7648), (4, 7654), (5, 7672), (7, 7690), (Start: 10 @7726 has 28 MA's), (15, 7753), (23, 7798), (24, 7804), (27, 7816), (33, 7840), (41, 7885), (45, 7900), (46, 7906), (55, 7957), (57, 7969),

Gene: Stellammi_9 Start: 6533, Stop: 6904, Start Num: 14

Candidate Starts for Stellammi_9:

(Start: 14 @6533 has 4 MA's), (21, 6581), (26, 6599), (29, 6611), (37, 6659), (42, 6680), (43, 6683), (54, 6743), (59, 6767), (64, 6809), (73, 6872), (74, 6878),

Gene: Stuu_12 Start: 8547, Stop: 8966, Start Num: 9

Candidate Starts for Stuu_12:

(Start: 9 @8547 has 74 MA's), (17, 8589), (50, 8766), (67, 8871),

Gene: SuMoo_10 Start: 7515, Stop: 7928, Start Num: 10

Candidate Starts for SuMoo_10:

(Start: 10 @7515 has 28 MA's),

Gene: Subaru_12 Start: 9019, Stop: 9429, Start Num: 9

Candidate Starts for Subaru_12:

(Start: 9 @9019 has 74 MA's), (22, 9088), (49, 9226), (51, 9238), (69, 9349), (72, 9382),

Gene: Sue2_12 Start: 9043, Stop: 9456, Start Num: 9

Candidate Starts for Sue2_12:

(6, 9007), (Start: 9 @9043 has 74 MA's),

Gene: SuperHands_12 Start: 9343, Stop: 9765, Start Num: 9

Candidate Starts for SuperHands_12:

(Start: 9 @9343 has 74 MA's), (28, 9436), (29, 9442), (31, 9457), (49, 9547), (53, 9586), (58, 9604), (73, 9715),

Gene: Tallboi_12 Start: 9050, Stop: 9463, Start Num: 9

Candidate Starts for Tallboi_12:

(Start: 9 @9050 has 74 MA's), (18, 9095), (22, 9119), (69, 9380), (72, 9413),

Gene: Tbone_12 Start: 9033, Stop: 9446, Start Num: 9

Candidate Starts for Tbone_12:

(Start: 9 @9033 has 74 MA's), (22, 9102), (51, 9252), (69, 9363), (72, 9396),

Gene: TforTroy_12 Start: 9164, Stop: 9577, Start Num: 9

Candidate Starts for TforTroy_12:

(Start: 9 @9164 has 74 MA's), (69, 9494), (72, 9527),

Gene: ThursdayNight_11 Start: 7530, Stop: 7949, Start Num: 10

Candidate Starts for ThursdayNight_11:

(Start: 10 @7530 has 28 MA's), (20, 7581), (29, 7632), (51, 7752), (72, 7896),

Gene: Tian_12 Start: 9064, Stop: 9477, Start Num: 9

Candidate Starts for Tian_12:

(Start: 9 @9064 has 74 MA's), (18, 9109), (51, 9283), (69, 9394), (72, 9427),

Gene: Tuck_13 Start: 10079, Stop: 10489, Start Num: 9

Candidate Starts for Tuck_13:

(Start: 9 @10079 has 74 MA's), (18, 10124), (51, 10298), (69, 10409), (72, 10442),

Gene: Turab_12 Start: 9048, Stop: 9458, Start Num: 9

Candidate Starts for Turab_12:

(Start: 9 @9048 has 74 MA's), (18, 9093), (22, 9117), (69, 9378), (72, 9411),

Gene: Tutumahutu_12 Start: 9090, Stop: 9503, Start Num: 9

Candidate Starts for Tutumahutu_12:

(Start: 9 @9090 has 74 MA's), (22, 9159), (51, 9309), (69, 9420), (72, 9453),

Gene: Tweety19_12 Start: 8126, Stop: 8539, Start Num: 9

Candidate Starts for Tweety19_12:

(Start: 9 @8126 has 74 MA's), (36, 8279), (77, 8522),

Gene: UtzChips_10 Start: 8204, Stop: 8620, Start Num: 10

Candidate Starts for UtzChips_10:

(Start: 10 @8204 has 28 MA's), (53, 8444), (63, 8501),

Gene: VResidence_12 Start: 9113, Stop: 9535, Start Num: 9

Candidate Starts for VResidence_12:

(Start: 9 @9113 has 74 MA's), (50, 9335), (62, 9422), (68, 9443), (69, 9452),

Gene: VroomVroom_11 Start: 7298, Stop: 7693, Start Num: 9

Candidate Starts for VroomVroom_11:

(Start: 9 @7298 has 74 MA's), (49, 7490),

Gene: Warda_12 Start: 9036, Stop: 9449, Start Num: 9

Candidate Starts for Warda_12:

(Start: 9 @9036 has 74 MA's), (22, 9105), (51, 9255), (69, 9366), (72, 9399),

Gene: Whitney_12 Start: 7041, Stop: 7433, Start Num: 10

Candidate Starts for Whitney_12:

(1, 6912), (2, 6957), (3, 6963), (4, 6969), (5, 6987), (Start: 10 @7041 has 28 MA's), (15, 7068), (22, 7107), (23, 7113), (24, 7119), (27, 7131), (33, 7155), (39, 7194), (41, 7200), (44, 7212), (46, 7221), (55, 7272), (57, 7284),

Gene: Wildwest_13 Start: 9954, Stop: 10370, Start Num: 9

Candidate Starts for Wildwest_13:

(Start: 9 @9954 has 74 MA's), (36, 10107), (50, 10170), (68, 10278),

Gene: Yang_12 Start: 9134, Stop: 9547, Start Num: 9

Candidate Starts for Yang_12:

(Start: 9 @9134 has 74 MA's), (69, 9464), (72, 9497),

Gene: YesChef_12 Start: 9090, Stop: 9503, Start Num: 9

Candidate Starts for YesChef_12:

(Start: 9 @9090 has 74 MA's), (22, 9159), (51, 9309), (69, 9420), (72, 9453),

Gene: Zeta1847_10 Start: 7300, Stop: 7692, Start Num: 8

Candidate Starts for Zeta1847_10:

(Start: 8 @7300 has 1 MA's), (36, 7444), (38, 7453),