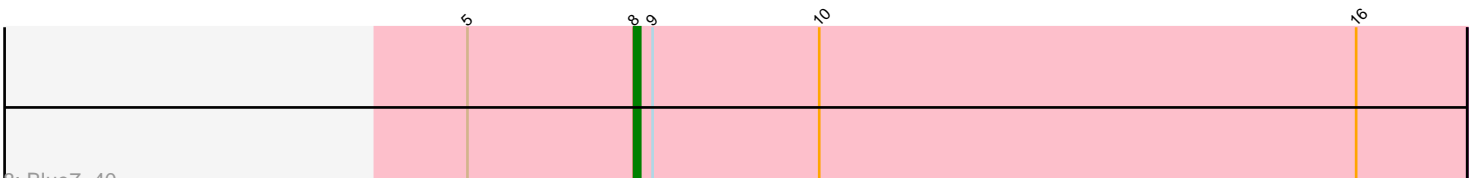
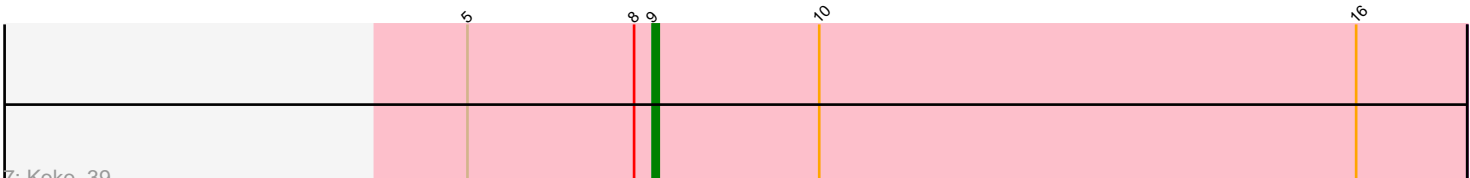
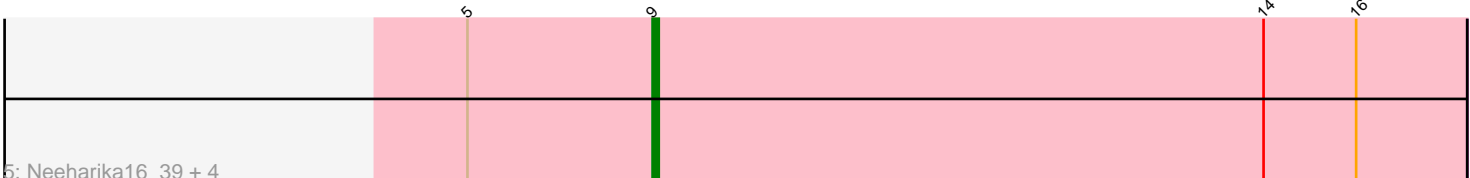
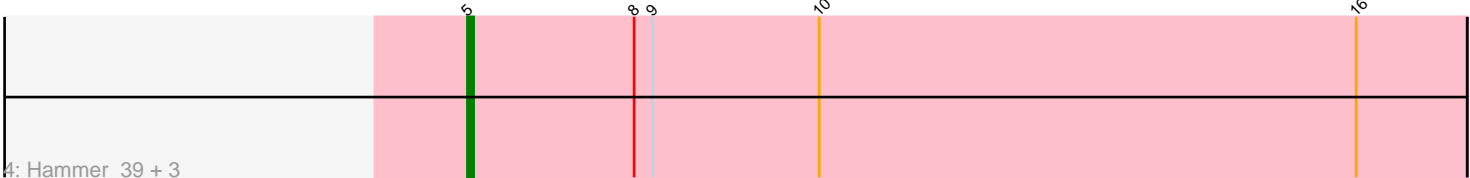
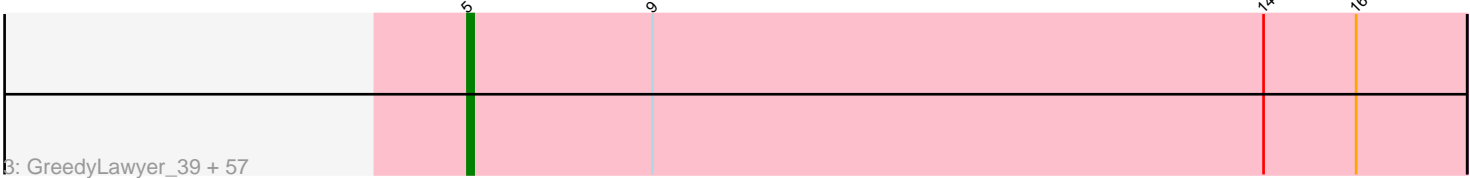


Pham 1404



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 1404 Report

This analysis was run 04/28/24 on database version 559.

Pham number 1404 has 73 members, 11 are drafts.

Phages represented in each track:

- Track 1 : Phlei_29
- Track 2 : EagleEye_41
- Track 3 : GreedyLawyer_39, Timothy_36, Hoot_39, Garak_40, Mulciber_35, Sham4_35, Hutc2_35, Helmet_40, Munch_36, Jordennis_39, SuperCallie99_39, BABullseye_39, Blinn1_40, Jeffabunny_39, Fibonacci_35, JewelBug_40, Orange_35, Candra_39, WunderPhul_39, Aneem_36, CloudWang3_39, Newrala_39, Gilberta_36, Mabel_36, Joselito_36, Bud_35, Pmask_39, TinyTimmy_35, ToneTone_36, Chartreuse_39, Flaverint_36, Kazan_40, EricB_39, Kipper29_39, Lucivia_36, McFly_39, Petersenfast_34, Artemis2UCLA_39, Jabith_36, Isiphiwo_39, SmellyB_39, MaCh_36, Cookiedough_39, Et2Brutus_35, DaVinci_39, Bachome_37, Indra_41, Zulu_39, VohminGhazi_39, Insomnia_35, Bowtie_36, SuperAwesome_39, Wiks_38, Tucker_39, Snape_35, Ebony_36, Yokurt_39, Salz_36
- Track 4 : Hammer_39, Roksolana_40, Rifter_39, Hexamo_39
- Track 5 : Neeharika16_39, Priamo_40, Lilbunny_37, Dorothea_38, Zaka_39
- Track 6 : Gruunaga_39, Gladiator_39
- Track 7 : Koko_39
- Track 8 : Blue7_40

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

The start number called the most often in the published annotations is 5, it was called in 58 of the 62 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aneem_36, Artemis2UCLA_39, BABullseye_39, Bachome_37, Blinn1_40, Bowtie_36, Bud_35, Candra_39, Chartreuse_39, CloudWang3_39, Cookiedough_39, DaVinci_39, EagleEye_41, Ebony_36, EricB_39, Et2Brutus_35, Fibonacci_35, Flaverint_36, Garak_40, Gilberta_36, Gladiator_39, GreedyLawyer_39, Gruunaga_39, Hammer_39, Helmet_40, Hexamo_39, Hoot_39, Hutc2_35, Indra_41, Insomnia_35, Isiphiwo_39, Jabith_36, Jeffabunny_39, JewelBug_40, Jordennis_39, Joselito_36, Kazan_40, Kipper29_39, Lucivia_36, MaCh_36, Mabel_36, McFly_39, Mulciber_35, Munch_36, Newrala_39, Orange_35, Petersenfast_34, Pmask_39, Rifter_39, Roksolana_40, Salz_36, Sham4_35, SmellyB_39, Snape_35, SuperAwesome_39, SuperCallie99_39, Timothy_36, TinyTimmy_35, ToneTone_36,

Tucker_39, VohminGhazi_39, Wiks_38, WunderPhul_39, Yokurt_39, Zulu_39,

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

- Blue7_40, Dorothea_38, Koko_39, Lilbunny_37, Neeharika16_39, Priamo_40, Zaka_39,

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

- Phlei_29,

Summary by start number:

Start 4:

- Found in 1 of 73 (1.4%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Phlei_29 (A13),

Start 5:

- Found in 72 of 73 (98.6%) of genes in pham
- Manual Annotations of this start: 58 of 62
- Called 90.3% of time when present
- Phage (with cluster) where this start called: Aneem_36 (A11), Artemis2UCLA_39 (A6), BABullseye_39 (A6), Bachome_37 (A11), Blinn1_40 (A6), Bowtie_36 (A11), Bud_35 (A11), Candra_39 (A6), Chartreuse_39 (A6), CloudWang3_39 (A6), Cookiedough_39 (A6), DaVinci_39 (A6), EagleEye_41 (A16), Ebony_36 (A11), EricB_39 (A6), Et2Brutus_35 (A11), Fibonacci_35 (A11), Flaverint_36 (A11), Garak_40 (A6), Gilberta_36 (A11), Gladiator_39 (A6), GreedyLawyer_39 (A6), Gruunaga_39 (A6), Hammer_39 (A6), Helmet_40 (A6), Hexamo_39 (A6), Hoot_39 (A6), Hutc2_35 (A11), Indra_41 (A6), Insomnia_35 (A11), Isiphiwo_39 (A6), Jabith_36 (A11), Jeffabunny_39 (A6), JewelBug_40 (A6), Jordennis_39 (A6), Joselito_36 (A11), Kazan_40 (A6), Kipper29_39 (A6), Lucivia_36 (A11), MaCh_36 (A11), Mabel_36 (A11), McFly_39 (A6), Mulciber_35 (A11), Munch_36 (A11), Newrala_39 (A6), Orange_35 (A11), Petersenfast_34 (A11), Pmask_39 (A6), Rifter_39 (A6), Roksolana_40 (A6), Salz_36 (A11), Sham4_35 (A11), SmellyB_39 (A6), Snape_35 (A11), SuperAwesome_39 (A6), SuperCallie99_39 (A6), Timothy_36 (A11), TinyTimmy_35 (A11), ToneTone_36 (A6), Tucker_39 (A6), VohminGhazi_39 (A6), Wiks_38 (A6), WunderPhul_39 (A6), Yokurt_39 (A6), Zulu_39 (A6),

Start 8:

- Found in 9 of 73 (12.3%) of genes in pham
- Manual Annotations of this start: 1 of 62
- Called 11.1% of time when present
- Phage (with cluster) where this start called: Blue7_40 (A6),

Start 9:

- Found in 73 of 73 (100.0%) of genes in pham
- Manual Annotations of this start: 3 of 62
- Called 8.2% of time when present
- Phage (with cluster) where this start called: Dorothea_38 (A6), Koko_39 (A6), Lilbunny_37 (A6), Neeharika16_39 (A6), Priamo_40 (A6), Zaka_39 (A6),

Summary by clusters:

There are 4 clusters represented in this pham: A16, A11, A13, A6,

Info for manual annotations of cluster A11:

- Start number 5 was manually annotated 22 times for cluster A11.

Info for manual annotations of cluster A16:

- Start number 5 was manually annotated 1 time for cluster A16.

Info for manual annotations of cluster A6:

- Start number 5 was manually annotated 35 times for cluster A6.
- Start number 8 was manually annotated 1 time for cluster A6.
- Start number 9 was manually annotated 3 times for cluster A6.

Gene Information:

Gene: Aneem_36 Start: 27014, Stop: 27175, Start Num: 5

Candidate Starts for Aneem_36:

(Start: 5 @27014 has 58 MA's), (Start: 9 @27044 has 3 MA's), (14, 27143), (16, 27158),

Gene: Artemis2UCLA_39 Start: 25651, Stop: 25812, Start Num: 5

Candidate Starts for Artemis2UCLA_39:

(Start: 5 @25651 has 58 MA's), (Start: 9 @25681 has 3 MA's), (14, 25780), (16, 25795),

Gene: BABullseye_39 Start: 26054, Stop: 26215, Start Num: 5

Candidate Starts for BABullseye_39:

(Start: 5 @26054 has 58 MA's), (Start: 9 @26084 has 3 MA's), (14, 26183), (16, 26198),

Gene: Bachome_37 Start: 27002, Stop: 27163, Start Num: 5

Candidate Starts for Bachome_37:

(Start: 5 @27002 has 58 MA's), (Start: 9 @27032 has 3 MA's), (14, 27131), (16, 27146),

Gene: Blinn1_40 Start: 26043, Stop: 26204, Start Num: 5

Candidate Starts for Blinn1_40:

(Start: 5 @26043 has 58 MA's), (Start: 9 @26073 has 3 MA's), (14, 26172), (16, 26187),

Gene: Blue7_40 Start: 26009, Stop: 26143, Start Num: 8

Candidate Starts for Blue7_40:

(Start: 5 @25982 has 58 MA's), (Start: 8 @26009 has 1 MA's), (Start: 9 @26012 has 3 MA's), (10, 26039), (16, 26126),

Gene: Bowtie_36 Start: 27022, Stop: 27183, Start Num: 5

Candidate Starts for Bowtie_36:

(Start: 5 @27022 has 58 MA's), (Start: 9 @27052 has 3 MA's), (14, 27151), (16, 27166),

Gene: Bud_35 Start: 26577, Stop: 26738, Start Num: 5

Candidate Starts for Bud_35:

(Start: 5 @26577 has 58 MA's), (Start: 9 @26607 has 3 MA's), (14, 26706), (16, 26721),

Gene: Candra_39 Start: 26012, Stop: 26173, Start Num: 5

Candidate Starts for Candra_39:

(Start: 5 @26012 has 58 MA's), (Start: 9 @26042 has 3 MA's), (14, 26141), (16, 26156),

Gene: Chartreuse_39 Start: 25923, Stop: 26084, Start Num: 5

Candidate Starts for Chartreuse_39:

(Start: 5 @25923 has 58 MA's), (Start: 9 @25953 has 3 MA's), (14, 26052), (16, 26067),

Gene: CloudWang3_39 Start: 25751, Stop: 25912, Start Num: 5

Candidate Starts for CloudWang3_39:

(Start: 5 @25751 has 58 MA's), (Start: 9 @25781 has 3 MA's), (14, 25880), (16, 25895),

Gene: Cookiedough_39 Start: 25970, Stop: 26131, Start Num: 5

Candidate Starts for Cookiedough_39:

(Start: 5 @25970 has 58 MA's), (Start: 9 @26000 has 3 MA's), (14, 26099), (16, 26114),

Gene: DaVinci_39 Start: 25977, Stop: 26138, Start Num: 5

Candidate Starts for DaVinci_39:

(Start: 5 @25977 has 58 MA's), (Start: 9 @26007 has 3 MA's), (14, 26106), (16, 26121),

Gene: Dorothea_38 Start: 26007, Stop: 26138, Start Num: 9

Candidate Starts for Dorothea_38:

(Start: 5 @25977 has 58 MA's), (Start: 9 @26007 has 3 MA's), (14, 26106), (16, 26121),

Gene: EagleEye_41 Start: 27646, Stop: 27807, Start Num: 5

Candidate Starts for EagleEye_41:

(1, 27601), (2, 27613), (3, 27628), (Start: 5 @27646 has 58 MA's), (6, 27658), (7, 27661), (Start: 8 @27673 has 1 MA's), (Start: 9 @27676 has 3 MA's), (11, 27715), (12, 27757), (13, 27772), (14, 27775), (16, 27790),

Gene: Ebony_36 Start: 26977, Stop: 27138, Start Num: 5

Candidate Starts for Ebony_36:

(Start: 5 @26977 has 58 MA's), (Start: 9 @27007 has 3 MA's), (14, 27106), (16, 27121),

Gene: EricB_39 Start: 25969, Stop: 26130, Start Num: 5

Candidate Starts for EricB_39:

(Start: 5 @25969 has 58 MA's), (Start: 9 @25999 has 3 MA's), (14, 26098), (16, 26113),

Gene: Et2Brutus_35 Start: 26937, Stop: 27098, Start Num: 5

Candidate Starts for Et2Brutus_35:

(Start: 5 @26937 has 58 MA's), (Start: 9 @26967 has 3 MA's), (14, 27066), (16, 27081),

Gene: Fibonacci_35 Start: 26568, Stop: 26729, Start Num: 5

Candidate Starts for Fibonacci_35:

(Start: 5 @26568 has 58 MA's), (Start: 9 @26598 has 3 MA's), (14, 26697), (16, 26712),

Gene: Flaverint_36 Start: 27016, Stop: 27177, Start Num: 5

Candidate Starts for Flaverint_36:

(Start: 5 @27016 has 58 MA's), (Start: 9 @27046 has 3 MA's), (14, 27145), (16, 27160),

Gene: Garak_40 Start: 25977, Stop: 26138, Start Num: 5

Candidate Starts for Garak_40:

(Start: 5 @25977 has 58 MA's), (Start: 9 @26007 has 3 MA's), (14, 26106), (16, 26121),

Gene: Gilberta_36 Start: 27005, Stop: 27166, Start Num: 5

Candidate Starts for Gilberta_36:

(Start: 5 @27005 has 58 MA's), (Start: 9 @27035 has 3 MA's), (14, 27134), (16, 27149),

Gene: Gladiator_39 Start: 25957, Stop: 26118, Start Num: 5

Candidate Starts for Gladiator_39:

(Start: 5 @25957 has 58 MA's), (Start: 8 @25984 has 1 MA's), (Start: 9 @25987 has 3 MA's), (14, 26086), (16, 26101),

Gene: GreedyLawyer_39 Start: 25976, Stop: 26137, Start Num: 5

Candidate Starts for GreedyLawyer_39:

(Start: 5 @25976 has 58 MA's), (Start: 9 @26006 has 3 MA's), (14, 26105), (16, 26120),

Gene: Gruunaga_39 Start: 25957, Stop: 26118, Start Num: 5

Candidate Starts for Gruunaga_39:

(Start: 5 @25957 has 58 MA's), (Start: 8 @25984 has 1 MA's), (Start: 9 @25987 has 3 MA's), (14, 26086), (16, 26101),

Gene: Hammer_39 Start: 25793, Stop: 25954, Start Num: 5

Candidate Starts for Hammer_39:

(Start: 5 @25793 has 58 MA's), (Start: 8 @25820 has 1 MA's), (Start: 9 @25823 has 3 MA's), (10, 25850), (16, 25937),

Gene: Helmet_40 Start: 25977, Stop: 26138, Start Num: 5

Candidate Starts for Helmet_40:

(Start: 5 @25977 has 58 MA's), (Start: 9 @26007 has 3 MA's), (14, 26106), (16, 26121),

Gene: Hexamo_39 Start: 25739, Stop: 25900, Start Num: 5

Candidate Starts for Hexamo_39:

(Start: 5 @25739 has 58 MA's), (Start: 8 @25766 has 1 MA's), (Start: 9 @25769 has 3 MA's), (10, 25796), (16, 25883),

Gene: Hoot_39 Start: 25954, Stop: 26115, Start Num: 5

Candidate Starts for Hoot_39:

(Start: 5 @25954 has 58 MA's), (Start: 9 @25984 has 3 MA's), (14, 26083), (16, 26098),

Gene: Hutc2_35 Start: 26569, Stop: 26730, Start Num: 5

Candidate Starts for Hutc2_35:

(Start: 5 @26569 has 58 MA's), (Start: 9 @26599 has 3 MA's), (14, 26698), (16, 26713),

Gene: Indra_41 Start: 25978, Stop: 26139, Start Num: 5

Candidate Starts for Indra_41:

(Start: 5 @25978 has 58 MA's), (Start: 9 @26008 has 3 MA's), (14, 26107), (16, 26122),

Gene: Insomnia_35 Start: 27074, Stop: 27235, Start Num: 5

Candidate Starts for Insomnia_35:

(Start: 5 @27074 has 58 MA's), (Start: 9 @27104 has 3 MA's), (14, 27203), (16, 27218),

Gene: Isiphiwo_39 Start: 26048, Stop: 26209, Start Num: 5

Candidate Starts for Isiphiwo_39:

(Start: 5 @26048 has 58 MA's), (Start: 9 @26078 has 3 MA's), (14, 26177), (16, 26192),

Gene: Jabith_36 Start: 27074, Stop: 27235, Start Num: 5

Candidate Starts for Jabith_36:

(Start: 5 @27074 has 58 MA's), (Start: 9 @27104 has 3 MA's), (14, 27203), (16, 27218),

Gene: Jeffabunny_39 Start: 25775, Stop: 25936, Start Num: 5

Candidate Starts for Jeffabunny_39:

(Start: 5 @25775 has 58 MA's), (Start: 9 @25805 has 3 MA's), (14, 25904), (16, 25919),

Gene: JewelBug_40 Start: 25982, Stop: 26143, Start Num: 5

Candidate Starts for JewelBug_40:

(Start: 5 @25982 has 58 MA's), (Start: 9 @26012 has 3 MA's), (14, 26111), (16, 26126),

Gene: Jordennis_39 Start: 25966, Stop: 26127, Start Num: 5

Candidate Starts for Jordennis_39:

(Start: 5 @25966 has 58 MA's), (Start: 9 @25996 has 3 MA's), (14, 26095), (16, 26110),

Gene: Joselito_36 Start: 27014, Stop: 27175, Start Num: 5

Candidate Starts for Joselito_36:

(Start: 5 @27014 has 58 MA's), (Start: 9 @27044 has 3 MA's), (14, 27143), (16, 27158),

Gene: Kazan_40 Start: 25982, Stop: 26143, Start Num: 5

Candidate Starts for Kazan_40:

(Start: 5 @25982 has 58 MA's), (Start: 9 @26012 has 3 MA's), (14, 26111), (16, 26126),

Gene: Kipper29_39 Start: 25976, Stop: 26137, Start Num: 5

Candidate Starts for Kipper29_39:

(Start: 5 @25976 has 58 MA's), (Start: 9 @26006 has 3 MA's), (14, 26105), (16, 26120),

Gene: Koko_39 Start: 26361, Stop: 26492, Start Num: 9

Candidate Starts for Koko_39:

(Start: 5 @26331 has 58 MA's), (Start: 8 @26358 has 1 MA's), (Start: 9 @26361 has 3 MA's), (10, 26388), (16, 26475),

Gene: Lilbunny_37 Start: 25779, Stop: 25910, Start Num: 9

Candidate Starts for Lilbunny_37:

(Start: 5 @25749 has 58 MA's), (Start: 9 @25779 has 3 MA's), (14, 25878), (16, 25893),

Gene: Lucivia_36 Start: 27063, Stop: 27224, Start Num: 5

Candidate Starts for Lucivia_36:

(Start: 5 @27063 has 58 MA's), (Start: 9 @27093 has 3 MA's), (14, 27192), (16, 27207),

Gene: MaCh_36 Start: 27002, Stop: 27163, Start Num: 5

Candidate Starts for MaCh_36:

(Start: 5 @27002 has 58 MA's), (Start: 9 @27032 has 3 MA's), (14, 27131), (16, 27146),

Gene: Mabel_36 Start: 26984, Stop: 27145, Start Num: 5

Candidate Starts for Mabel_36:

(Start: 5 @26984 has 58 MA's), (Start: 9 @27014 has 3 MA's), (14, 27113), (16, 27128),

Gene: McFly_39 Start: 25976, Stop: 26137, Start Num: 5

Candidate Starts for McFly_39:

(Start: 5 @25976 has 58 MA's), (Start: 9 @26006 has 3 MA's), (14, 26105), (16, 26120),

Gene: Mulciber_35 Start: 26565, Stop: 26726, Start Num: 5

Candidate Starts for Mulciber_35:

(Start: 5 @26565 has 58 MA's), (Start: 9 @26595 has 3 MA's), (14, 26694), (16, 26709),

Gene: Munch_36 Start: 27014, Stop: 27175, Start Num: 5

Candidate Starts for Munch_36:

(Start: 5 @27014 has 58 MA's), (Start: 9 @27044 has 3 MA's), (14, 27143), (16, 27158),

Gene: Neeharika16_39 Start: 25999, Stop: 26130, Start Num: 9

Candidate Starts for Neeharika16_39:

(Start: 5 @25969 has 58 MA's), (Start: 9 @25999 has 3 MA's), (14, 26098), (16, 26113),

Gene: Newrala_39 Start: 25969, Stop: 26130, Start Num: 5

Candidate Starts for Newrala_39:

(Start: 5 @25969 has 58 MA's), (Start: 9 @25999 has 3 MA's), (14, 26098), (16, 26113),

Gene: Orange_35 Start: 26563, Stop: 26724, Start Num: 5

Candidate Starts for Orange_35:

(Start: 5 @26563 has 58 MA's), (Start: 9 @26593 has 3 MA's), (14, 26692), (16, 26707),

Gene: Petersenfast_34 Start: 26570, Stop: 26731, Start Num: 5

Candidate Starts for Petersenfast_34:

(Start: 5 @26570 has 58 MA's), (Start: 9 @26600 has 3 MA's), (14, 26699), (16, 26714),

Gene: Phlei_29 Start: 27863, Stop: 28027, Start Num: 4

Candidate Starts for Phlei_29:

(4, 27863), (Start: 9 @27896 has 3 MA's), (15, 28007), (16, 28010),

Gene: Pmask_39 Start: 25970, Stop: 26131, Start Num: 5

Candidate Starts for Pmask_39:

(Start: 5 @25970 has 58 MA's), (Start: 9 @26000 has 3 MA's), (14, 26099), (16, 26114),

Gene: Priamo_40 Start: 26045, Stop: 26176, Start Num: 9

Candidate Starts for Priamo_40:

(Start: 5 @26015 has 58 MA's), (Start: 9 @26045 has 3 MA's), (14, 26144), (16, 26159),

Gene: Rifter_39 Start: 25755, Stop: 25916, Start Num: 5

Candidate Starts for Rifter_39:

(Start: 5 @25755 has 58 MA's), (Start: 8 @25782 has 1 MA's), (Start: 9 @25785 has 3 MA's), (10, 25812), (16, 25899),

Gene: Roksolana_40 Start: 26006, Stop: 26167, Start Num: 5

Candidate Starts for Roksolana_40:

(Start: 5 @26006 has 58 MA's), (Start: 8 @26033 has 1 MA's), (Start: 9 @26036 has 3 MA's), (10, 26063), (16, 26150),

Gene: Salz_36 Start: 26925, Stop: 27086, Start Num: 5

Candidate Starts for Salz_36:

(Start: 5 @26925 has 58 MA's), (Start: 9 @26955 has 3 MA's), (14, 27054), (16, 27069),

Gene: Sham4_35 Start: 26569, Stop: 26730, Start Num: 5

Candidate Starts for Sham4_35:

(Start: 5 @26569 has 58 MA's), (Start: 9 @26599 has 3 MA's), (14, 26698), (16, 26713),

Gene: SmellyB_39 Start: 25976, Stop: 26137, Start Num: 5

Candidate Starts for SmellyB_39:

(Start: 5 @25976 has 58 MA's), (Start: 9 @26006 has 3 MA's), (14, 26105), (16, 26120),

Gene: Snape_35 Start: 26568, Stop: 26729, Start Num: 5

Candidate Starts for Snape_35:

(Start: 5 @26568 has 58 MA's), (Start: 9 @26598 has 3 MA's), (14, 26697), (16, 26712),

Gene: SuperAwesome_39 Start: 25969, Stop: 26130, Start Num: 5

Candidate Starts for SuperAwesome_39:

(Start: 5 @25969 has 58 MA's), (Start: 9 @25999 has 3 MA's), (14, 26098), (16, 26113),

Gene: SuperCallie99_39 Start: 25968, Stop: 26129, Start Num: 5

Candidate Starts for SuperCallie99_39:

(Start: 5 @25968 has 58 MA's), (Start: 9 @25998 has 3 MA's), (14, 26097), (16, 26112),

Gene: Timothy_36 Start: 26928, Stop: 27089, Start Num: 5

Candidate Starts for Timothy_36:

(Start: 5 @26928 has 58 MA's), (Start: 9 @26958 has 3 MA's), (14, 27057), (16, 27072),

Gene: TinyTimmy_35 Start: 26971, Stop: 27132, Start Num: 5

Candidate Starts for TinyTimmy_35:

(Start: 5 @26971 has 58 MA's), (Start: 9 @27001 has 3 MA's), (14, 27100), (16, 27115),

Gene: ToneTone_36 Start: 25681, Stop: 25842, Start Num: 5

Candidate Starts for ToneTone_36:

(Start: 5 @25681 has 58 MA's), (Start: 9 @25711 has 3 MA's), (14, 25810), (16, 25825),

Gene: Tucker_39 Start: 25767, Stop: 25928, Start Num: 5

Candidate Starts for Tucker_39:

(Start: 5 @25767 has 58 MA's), (Start: 9 @25797 has 3 MA's), (14, 25896), (16, 25911),

Gene: VohminGhazi_39 Start: 25976, Stop: 26137, Start Num: 5

Candidate Starts for VohminGhazi_39:

(Start: 5 @25976 has 58 MA's), (Start: 9 @26006 has 3 MA's), (14, 26105), (16, 26120),

Gene: Wiks_38 Start: 25749, Stop: 25910, Start Num: 5

Candidate Starts for Wiks_38:

(Start: 5 @25749 has 58 MA's), (Start: 9 @25779 has 3 MA's), (14, 25878), (16, 25893),

Gene: WunderPhul_39 Start: 25747, Stop: 25908, Start Num: 5

Candidate Starts for WunderPhul_39:

(Start: 5 @25747 has 58 MA's), (Start: 9 @25777 has 3 MA's), (14, 25876), (16, 25891),

Gene: Yokurt_39 Start: 25749, Stop: 25910, Start Num: 5

Candidate Starts for Yokurt_39:

(Start: 5 @25749 has 58 MA's), (Start: 9 @25779 has 3 MA's), (14, 25878), (16, 25893),

Gene: Zaka_39 Start: 25779, Stop: 25910, Start Num: 9

Candidate Starts for Zaka_39:

(Start: 5 @25749 has 58 MA's), (Start: 9 @25779 has 3 MA's), (14, 25878), (16, 25893),

Gene: Zulu_39 Start: 25748, Stop: 25909, Start Num: 5

Candidate Starts for Zulu_39:

(Start: 5 @25748 has 58 MA's), (Start: 9 @25778 has 3 MA's), (14, 25877), (16, 25892),