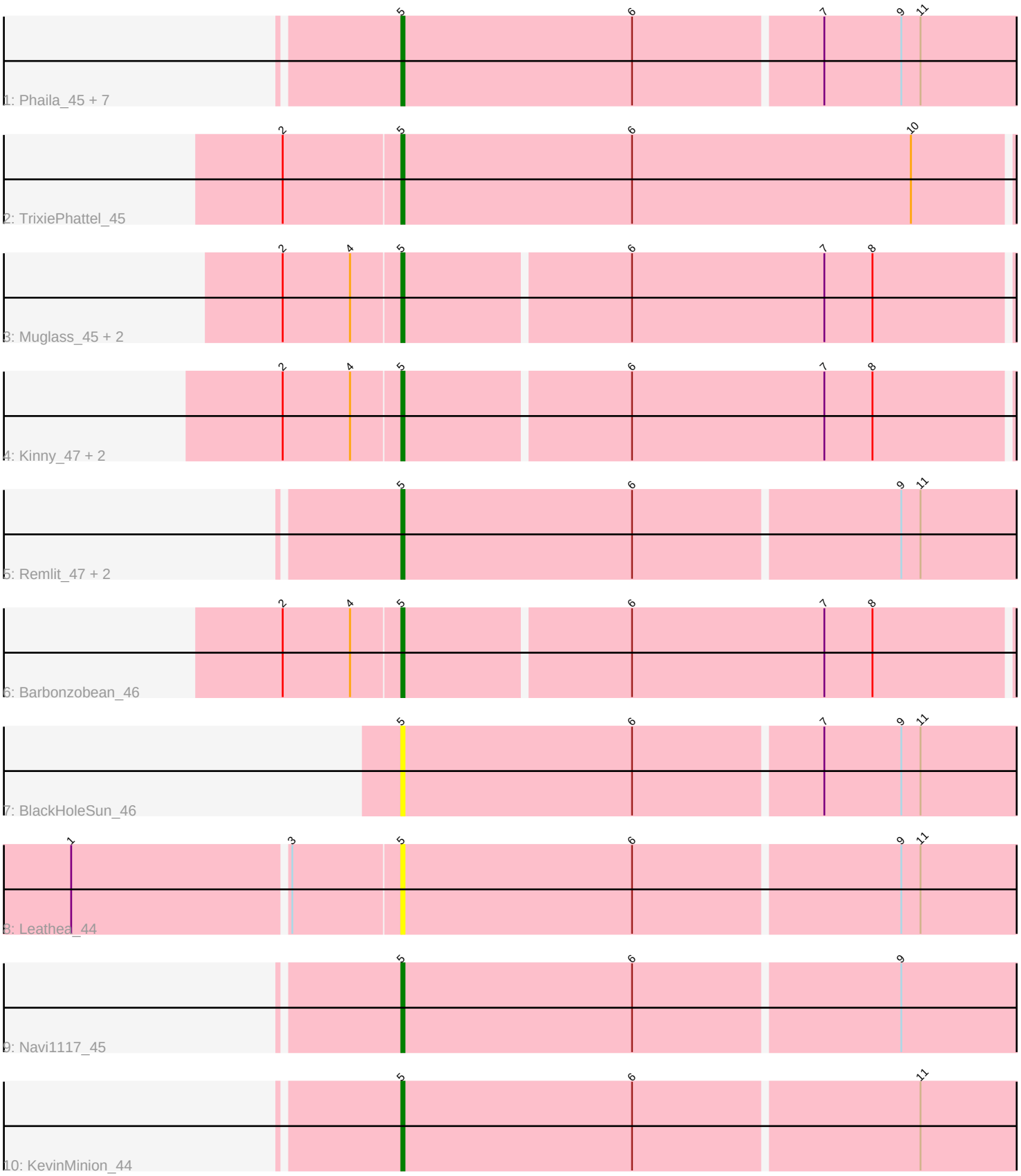
Pham 346131


5
6
7
9
11
1: Phaila_45 + 7
2
5
6
10
2: TrixiePhattel_45
2
4
5
6
7
8
3: Muglass_45 + 2
2
4
5
6
7
8
4: Kinny_47 + 2
5
6
9
11
5: Remlit_47 + 2
2
4
5
6
7
8
6: Barbonzobean_46
5
6
7
9
11
7: BlackHoleSun_46
1
3
5
6
9
11
8: Leathea_44
5
6
9
9: Navi1117_45
5
6
11
10: KevinMinion_44

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 346131 Report

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

Pham number 346131 has 23 members, 7 are drafts.

Phages represented in each track:
• Track 1 : Phaila_45, Uzumaki_42, Stardrop_44, GantcherGoblin_43, Argan_42, Altjira_46, PoeMe_44, Mardi_44
• Track 2 : TrixiePhattel_45
• Track 3 : Muglass_45, Biscute_44, Renaldo_48
• Track 4 : Kinny_47, BarbieDoll_48, Lewando_46
• Track 5 : Remlit_47, Zeina_45, Tenney120_45
• Track 6 : Barbonzobean_46
• Track 7 : BlackHoleSun_46
• Track 8 : Leathea_44
• Track 9 : Navi1117_45
• Track 10 : KevinMinion_44

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 16 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Altjira_46, Argan_42, BarbieDoll_48, Barbonzobean_46, Biscute_44, BlackHoleSun_46, GantcherGoblin_43, KevinMinion_44, Kinny_47, Leathea_44, Lewando_46, Mardi_44, Muglass_45, Navi1117_45, Phaila_45, PoeMe_44, Remlit_47, Renaldo_48, Stardrop_44, Tenney120_45, TrixiePhattel_45, Uzumaki_42, Zeina_45,

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

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

Summary by start number:

Start 5:
• Found in 23 of 23 (100.0%) of genes in pham

• Manual Annotations of this start: 16 of 16
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Altjira_46 (AU6), Argan_42 (AU6), BarbieDoll_48 (AU6), Barbonzobean_46 (AU6), Biscute_44 (AU6), BlackHoleSun_46 (AU6), GantcherGoblin_43 (AU6), KevinMinion_44 (AU6), Kinny_47 (AU6), Leathea_44 (AU6), Lewando_46 (AU6), Mardi_44 (AU6), Muglass_45 (AU6), Navi1117_45 (AU6), Phaila_45 (AU6), PoeMe_44 (AU6), Remlit_47 (AU6), Renaldo_48 (AU6), Stardrop_44 (AU6), Tenney120_45 (AU6), TrixiePhattel_45 (AU6), Uzumaki_42 (AU6), Zeina_45 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

Info for manual annotations of cluster AU6:
•Start number 5 was manually annotated 16 times for cluster AU6.

Gene Information:

Gene: Altjira_46 Start: 32651, Stop: 32851, Start Num: 5
Candidate Starts for Altjira_46:
(Start: 5 @32651 has 16 MA's), (6, 32723), (7, 32780), (9, 32804), (11, 32810),

Gene: Argan_42 Start: 30951, Stop: 31151, Start Num: 5
Candidate Starts for Argan_42:
(Start: 5 @30951 has 16 MA's), (6, 31023), (7, 31080), (9, 31104), (11, 31110),

Gene: BarbieDoll_48 Start: 32954, Stop: 33151, Start Num: 5
Candidate Starts for BarbieDoll_48:
(2, 32918), (4, 32939), (Start: 5 @32954 has 16 MA's), (6, 33023), (7, 33083), (8, 33098),

Gene: Barbonzobean_46 Start: 32998, Stop: 33195, Start Num: 5
Candidate Starts for Barbonzobean_46:
(2, 32962), (4, 32983), (Start: 5 @32998 has 16 MA's), (6, 33067), (7, 33127), (8, 33142),

Gene: Biscute_44 Start: 32606, Stop: 32803, Start Num: 5
Candidate Starts for Biscute_44:
(2, 32570), (4, 32591), (Start: 5 @32606 has 16 MA's), (6, 32675), (7, 32735), (8, 32750),

Gene: BlackHoleSun_46 Start: 31381, Stop: 31581, Start Num: 5
Candidate Starts for BlackHoleSun_46:
(Start: 5 @31381 has 16 MA's), (6, 31453), (7, 31510), (9, 31534), (11, 31540),

Gene: GantcherGoblin_43 Start: 31449, Stop: 31649, Start Num: 5
Candidate Starts for GantcherGoblin_43:
(Start: 5 @31449 has 16 MA's), (6, 31521), (7, 31578), (9, 31602), (11, 31608),

Gene: KevinMinion_44 Start: 32203, Stop: 32403, Start Num: 5
Candidate Starts for KevinMinion_44:
(Start: 5 @32203 has 16 MA's), (6, 32275), (11, 32362),

Gene: Kinny_47 Start: 33448, Stop: 33645, Start Num: 5
Candidate Starts for Kinny_47:
(2, 33412), (4, 33433), (Start: 5 @33448 has 16 MA's), (6, 33517), (7, 33577), (8, 33592),

Gene: Leathea_44 Start: 31131, Stop: 31331, Start Num: 5
Candidate Starts for Leathea_44:
(1, 31032), (3, 31098), (Start: 5 @31131 has 16 MA's), (6, 31203), (9, 31284), (11, 31290),

Gene: Lewando_46 Start: 32740, Stop: 32937, Start Num: 5
Candidate Starts for Lewando_46:
(2, 32704), (4, 32725), (Start: 5 @32740 has 16 MA's), (6, 32809), (7, 32869), (8, 32884),

Gene: Mardi_44 Start: 31537, Stop: 31737, Start Num: 5
Candidate Starts for Mardi_44:
(Start: 5 @31537 has 16 MA's), (6, 31609), (7, 31666), (9, 31690), (11, 31696),

Gene: Muglass_45 Start: 32510, Stop: 32707, Start Num: 5
Candidate Starts for Muglass_45:
(2, 32474), (4, 32495), (Start: 5 @32510 has 16 MA's), (6, 32579), (7, 32639), (8, 32654),

Gene: Navi1117_45 Start: 31853, Stop: 32053, Start Num: 5
Candidate Starts for Navi1117_45:
(Start: 5 @31853 has 16 MA's), (6, 31925), (9, 32006),

Gene: Phaila_45 Start: 31342, Stop: 31542, Start Num: 5
Candidate Starts for Phaila_45:
(Start: 5 @31342 has 16 MA's), (6, 31414), (7, 31471), (9, 31495), (11, 31501),

Gene: PoeMe_44 Start: 31708, Stop: 31908, Start Num: 5
Candidate Starts for PoeMe_44:
(Start: 5 @31708 has 16 MA's), (6, 31780), (7, 31837), (9, 31861), (11, 31867),

Gene: Remlit_47 Start: 31329, Stop: 31529, Start Num: 5
Candidate Starts for Remlit_47:
(Start: 5 @31329 has 16 MA's), (6, 31401), (9, 31482), (11, 31488),

Gene: Renaldo_48 Start: 33049, Stop: 33246, Start Num: 5
Candidate Starts for Renaldo_48:
(2, 33013), (4, 33034), (Start: 5 @33049 has 16 MA's), (6, 33118), (7, 33178), (8, 33193),

Gene: Stardrop_44 Start: 31901, Stop: 32101, Start Num: 5
Candidate Starts for Stardrop_44:
(Start: 5 @31901 has 16 MA's), (6, 31973), (7, 32030), (9, 32054), (11, 32060),

Gene: Tenney120_45 Start: 31745, Stop: 31945, Start Num: 5
Candidate Starts for Tenney120_45:
(Start: 5 @31745 has 16 MA's), (6, 31817), (9, 31898), (11, 31904),

Gene: TrixiePhattel_45 Start: 31423, Stop: 31620, Start Num: 5
Candidate Starts for TrixiePhattel_45:
(2, 31387), (Start: 5 @31423 has 16 MA's), (6, 31495), (10, 31582),

Gene: Uzumaki_42 Start: 31442, Stop: 31642, Start Num: 5

Candidate Starts for Uzumaki_42:
(Start: 5 @31442 has 16 MA's), (6, 31514), (7, 31571), (9, 31595), (11, 31601),

Gene: Zeina_45 Start: 31758, Stop: 31958, Start Num: 5
Candidate Starts for Zeina_45:
(Start: 5 @31758 has 16 MA's), (6, 31830), (9, 31911), (11, 31917),