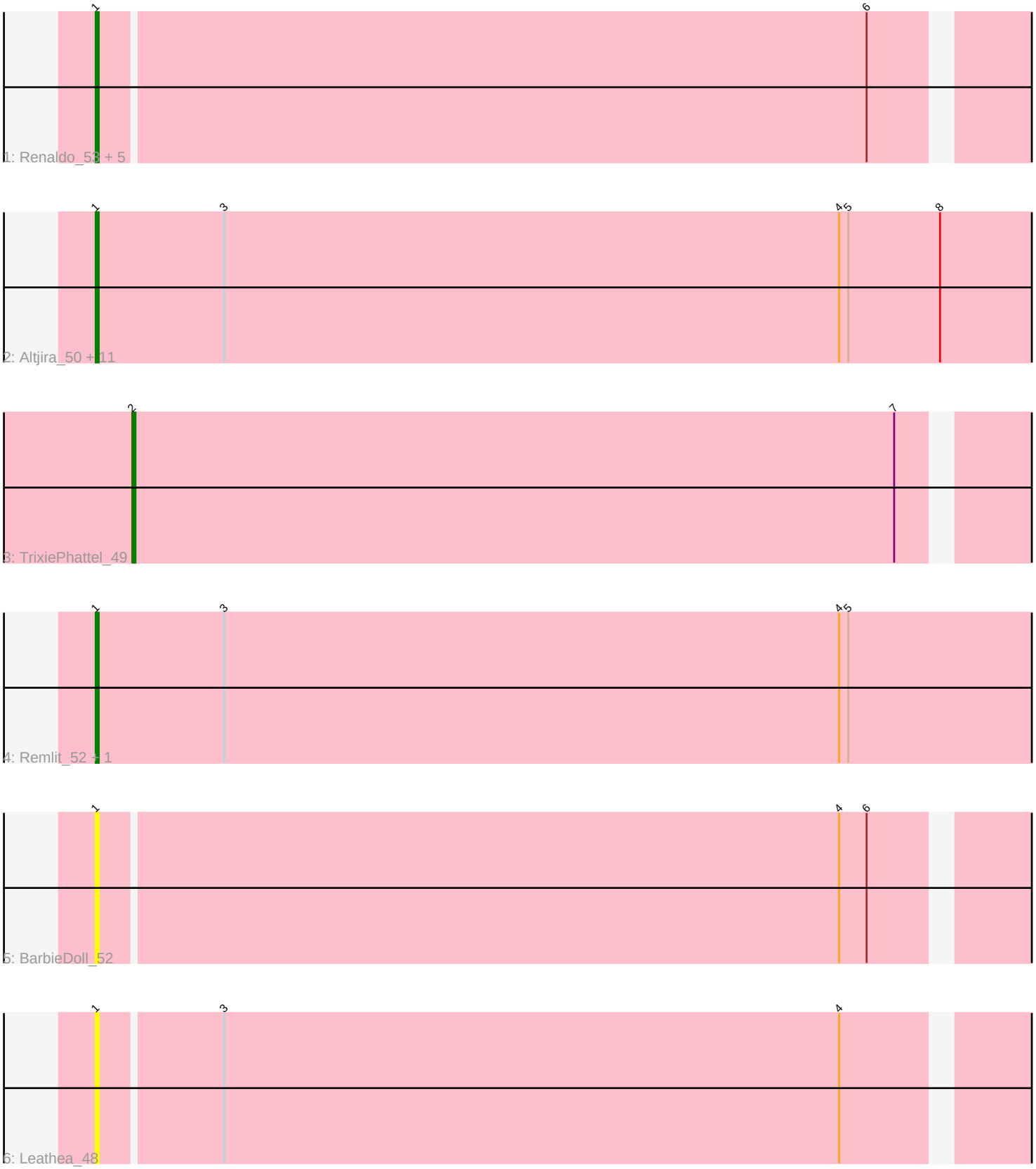
Pham 348001


1
6
1: Renaldo_53 + 5
1
3
4
5
8
2: Altjira_50 + 11
2
7
3: TrixiePhattel_49
1
3
4
5
4: Remlit_52 + 1
1
4
6
5: BarbieDoll_52
1
3
4
6: Leathea_48

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 348001 Report

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

Pham number 348001 has 23 members, 7 are drafts.

Phages represented in each track:
• Track 1 : Renaldo_53, Muglass_49, Lewando_50, Biscute_48, Kinny_51, Barbonzobean_50
• Track 2 : Altjira_50, Uzumaki_46, Stardrop_48, Navi1117_50, Tenney120_49, GantcherGoblin_47, BlackHoleSun_50, Phaila_50, Argan_47, PoeMe_48, Mardi_48, KevinMinion_48
• Track 3 : TrixiePhattel_49
• Track 4 : Remlit_52, Zeina_49
• Track 5 : BarbieDoll_52
• Track 6 : Leathea_48

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

The start number called the most often in the published annotations is 1, it was called in 15 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Altjira_50, Argan_47, BarbieDoll_52, Barbonzobean_50, Biscute_48, BlackHoleSun_50, GantcherGoblin_47, KevinMinion_48, Kinny_51, Leathea_48, Lewando_50, Mardi_48, Muglass_49, Navi1117_50, Phaila_50, PoeMe_48, Remlit_52, Renaldo_53, Stardrop_48, Tenney120_49, Uzumaki_46, Zeina_49,

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

Genes that do not have the "Most Annotated" start:
• TrixiePhattel_49,

Summary by start number:

Start 1:
• Found in 22 of 23 (95.7%) of genes in pham
• Manual Annotations of this start: 15 of 16
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Altjira_50 (AU6), Argan_47 (AU6), BarbieDoll_52 (AU6), Barbonzobean_50 (AU6), Biscute_48 (AU6), BlackHoleSun_50 (AU6), GantcherGoblin_47 (AU6), KevinMinion_48 (AU6), Kinny_51 (AU6), Leathea_48 (AU6), Lewando_50 (AU6), Mardi_48 (AU6), Muglass_49 (AU6), Navi1117_50 (AU6), Phaila_50 (AU6), PoeMe_48 (AU6), Remlit_52 (AU6), Renaldo_53 (AU6), Stardrop_48 (AU6), Tenney120_49 (AU6), Uzumaki_46 (AU6), Zeina_49 (AU6),

Start 2:
• Found in 1 of 23 (4.3%) of genes in pham
• Manual Annotations of this start: 1 of 16
• Called 100.0% of time when present
• Phage (with cluster) where this start called: TrixiePhattel_49 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

Info for manual annotations of cluster AU6:
•Start number 1 was manually annotated 15 times for cluster AU6.
•Start number 2 was manually annotated 1 time for cluster AU6.

Gene Information:

Gene: Altjira_50 Start: 34098, Stop: 34439, Start Num: 1
Candidate Starts for Altjira_50:
(Start: 1 @34098 has 15 MA's), (3, 34140), (4, 34341), (5, 34344), (8, 34374),

Gene: Argan_47 Start: 32696, Stop: 33043, Start Num: 1
Candidate Starts for Argan_47:
(Start: 1 @32696 has 15 MA's), (3, 32738), (4, 32939), (5, 32942), (8, 32972),

Gene: BarbieDoll_52 Start: 34320, Stop: 34643, Start Num: 1
Candidate Starts for BarbieDoll_52:
(Start: 1 @34320 has 15 MA's), (4, 34560), (6, 34569),

Gene: Barbonzobean_50 Start: 34363, Stop: 34683, Start Num: 1
Candidate Starts for Barbonzobean_50:
(Start: 1 @34363 has 15 MA's), (6, 34612),

Gene: Biscute_48 Start: 33972, Stop: 34295, Start Num: 1
Candidate Starts for Biscute_48:
(Start: 1 @33972 has 15 MA's), (6, 34221),

Gene: BlackHoleSun_50 Start: 32827, Stop: 33168, Start Num: 1
Candidate Starts for BlackHoleSun_50:
(Start: 1 @32827 has 15 MA's), (3, 32869), (4, 33070), (5, 33073), (8, 33103),

Gene: GantcherGoblin_47 Start: 32895, Stop: 33227, Start Num: 1
Candidate Starts for GantcherGoblin_47:
(Start: 1 @32895 has 15 MA's), (3, 32937), (4, 33138), (5, 33141), (8, 33171),

Gene: KevinMinion_48 Start: 33653, Stop: 33994, Start Num: 1
Candidate Starts for KevinMinion_48:
(Start: 1 @33653 has 15 MA's), (3, 33695), (4, 33896), (5, 33899), (8, 33929),

Gene: Kinny_51 Start: 34815, Stop: 35138, Start Num: 1
Candidate Starts for Kinny_51:
(Start: 1 @34815 has 15 MA's), (6, 35064),

Gene: Leathea_48 Start: 32547, Stop: 32861, Start Num: 1
Candidate Starts for Leathea_48:
(Start: 1 @32547 has 15 MA's), (3, 32586), (4, 32787),

Gene: Lewando_50 Start: 34105, Stop: 34425, Start Num: 1
Candidate Starts for Lewando_50:
(Start: 1 @34105 has 15 MA's), (6, 34354),

Gene: Mardi_48 Start: 32986, Stop: 33327, Start Num: 1
Candidate Starts for Mardi_48:
(Start: 1 @32986 has 15 MA's), (3, 33028), (4, 33229), (5, 33232), (8, 33262),

Gene: Muglass_49 Start: 33876, Stop: 34199, Start Num: 1
Candidate Starts for Muglass_49:
(Start: 1 @33876 has 15 MA's), (6, 34125),

Gene: Navi1117_50 Start: 33598, Stop: 33939, Start Num: 1
Candidate Starts for Navi1117_50:
(Start: 1 @33598 has 15 MA's), (3, 33640), (4, 33841), (5, 33844), (8, 33874),

Gene: Phaila_50 Start: 32979, Stop: 33320, Start Num: 1
Candidate Starts for Phaila_50:
(Start: 1 @32979 has 15 MA's), (3, 33021), (4, 33222), (5, 33225), (8, 33255),

Gene: PoeMe_48 Start: 33153, Stop: 33494, Start Num: 1
Candidate Starts for PoeMe_48:
(Start: 1 @33153 has 15 MA's), (3, 33195), (4, 33396), (5, 33399), (8, 33429),

Gene: Remlit_52 Start: 33079, Stop: 33426, Start Num: 1
Candidate Starts for Remlit_52:
(Start: 1 @33079 has 15 MA's), (3, 33121), (4, 33322), (5, 33325),

Gene: Renaldo_53 Start: 34414, Stop: 34734, Start Num: 1
Candidate Starts for Renaldo_53:
(Start: 1 @34414 has 15 MA's), (6, 34663),

Gene: Stardrop_48 Start: 33346, Stop: 33693, Start Num: 1
Candidate Starts for Stardrop_48:
(Start: 1 @33346 has 15 MA's), (3, 33388), (4, 33589), (5, 33592), (8, 33622),

Gene: Tenney120_49 Start: 33195, Stop: 33536, Start Num: 1
Candidate Starts for Tenney120_49:
(Start: 1 @33195 has 15 MA's), (3, 33237), (4, 33438), (5, 33441), (8, 33471),

Gene: TrixiePhattel_49 Start: 32839, Stop: 33141, Start Num: 2
Candidate Starts for TrixiePhattel_49:
(Start: 2 @32839 has 1 MA's), (7, 33088),

Gene: Uzumaki_46 Start: 32889, Stop: 33236, Start Num: 1
Candidate Starts for Uzumaki_46:
(Start: 1 @32889 has 15 MA's), (3, 32931), (4, 33132), (5, 33135), (8, 33165),

Gene: Zeina_49 Start: 33207, Stop: 33545, Start Num: 1
Candidate Starts for Zeina_49:
(Start: 1 @33207 has 15 MA's), (3, 33249), (4, 33450), (5, 33453),