Pham 346257


2
3
1: Mardi_75 + 1
2
3
2: PoeMe_74 + 2
3
3: TrixiePhattel_75
2
3
4: Altjira_76 + 5
1
2
3
5: Argan_71
2
4
6: GantcherGoblin_72 + 1

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 346257 Report

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

Pham number 346257 has 15 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Mardi_75, Phaila_74
• Track 2 : PoeMe_74, Zeina_77, Remlit_80
• Track 3 : TrixiePhattel_75
• Track 4 : Altjira_76, Stardrop_74, Tenney120_75, KevinMinion_72, Uzumaki_71, Navi1117_77
• Track 5 : Argan_71
• Track 6 : GantcherGoblin_72, BlackHoleSun_76

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

The start number called the most often in the published annotations is 2, it was called in 7 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Altjira_76, BlackHoleSun_76, GantcherGoblin_72, KevinMinion_72, Mardi_75, Navi1117_77, Phaila_74, Stardrop_74, Tenney120_75, Uzumaki_71,

Genes that have the "Most Annotated" start but do not call it:
• Argan_71, PoeMe_74, Remlit_80, Zeina_77,

Genes that do not have the "Most Annotated" start:
• TrixiePhattel_75,

Summary by start number:

Start 1:
• Found in 1 of 15 (6.7%) of genes in pham
• Manual Annotations of this start: 1 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Argan_71 (AU6),

Start 2:
• Found in 14 of 15 (93.3%) of genes in pham
• Manual Annotations of this start: 7 of 11

• Called 71.4% of time when present
• Phage (with cluster) where this start called: Altjira_76 (AU6), BlackHoleSun_76 (AU6), GantcherGoblin_72 (AU6), KevinMinion_72 (AU6), Mardi_75 (AU6), Navi1117_77 (AU6), Phaila_74 (AU6), Stardrop_74 (AU6), Tenney120_75 (AU6), Uzumaki_71 (AU6),

Start 3:
• Found in 13 of 15 (86.7%) of genes in pham
• Manual Annotations of this start: 3 of 11
• Called 30.8% of time when present
• Phage (with cluster) where this start called: PoeMe_74 (AU6), Remlit_80 (AU6), TrixiePhattel_75 (AU6), Zeina_77 (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 1 time for cluster AU6.
•Start number 2 was manually annotated 7 times for cluster AU6.
•Start number 3 was manually annotated 3 times for cluster AU6.

Gene Information:

Gene: Altjira_76 Start: 46381, Stop: 46536, Start Num: 2
Candidate Starts for Altjira_76:
(Start: 2 @46381 has 7 MA's), (Start: 3 @46396 has 3 MA's),

Gene: Argan_71 Start: 45050, Stop: 45259, Start Num: 1
Candidate Starts for Argan_71:
(Start: 1 @45050 has 1 MA's), (Start: 2 @45104 has 7 MA's), (Start: 3 @45119 has 3 MA's),

Gene: BlackHoleSun_76 Start: 45222, Stop: 45374, Start Num: 2
Candidate Starts for BlackHoleSun_76:
(Start: 2 @45222 has 7 MA's), (4, 45237),

Gene: GantcherGoblin_72 Start: 45163, Stop: 45315, Start Num: 2
Candidate Starts for GantcherGoblin_72:
(Start: 2 @45163 has 7 MA's), (4, 45178),

Gene: KevinMinion_72 Start: 46055, Stop: 46210, Start Num: 2
Candidate Starts for KevinMinion_72:
(Start: 2 @46055 has 7 MA's), (Start: 3 @46070 has 3 MA's),

Gene: Mardi_75 Start: 45807, Stop: 45953, Start Num: 2
Candidate Starts for Mardi_75:
(Start: 2 @45807 has 7 MA's), (Start: 3 @45822 has 3 MA's),

Gene: Navi1117_77 Start: 46243, Stop: 46398, Start Num: 2
Candidate Starts for Navi1117_77:
(Start: 2 @46243 has 7 MA's), (Start: 3 @46258 has 3 MA's),

Gene: Phaila_74 Start: 45285, Stop: 45440, Start Num: 2
Candidate Starts for Phaila_74:
(Start: 2 @45285 has 7 MA's), (Start: 3 @45300 has 3 MA's),

Gene: PoeMe_74 Start: 45790, Stop: 45930, Start Num: 3
Candidate Starts for PoeMe_74:
(Start: 2 @45775 has 7 MA's), (Start: 3 @45790 has 3 MA's),

Gene: Remlit_80 Start: 46040, Stop: 46180, Start Num: 3
Candidate Starts for Remlit_80:
(Start: 2 @46025 has 7 MA's), (Start: 3 @46040 has 3 MA's),

Gene: Stardrop_74 Start: 45877, Stop: 46032, Start Num: 2
Candidate Starts for Stardrop_74:
(Start: 2 @45877 has 7 MA's), (Start: 3 @45892 has 3 MA's),

Gene: Tenney120_75 Start: 45823, Stop: 45978, Start Num: 2
Candidate Starts for Tenney120_75:
(Start: 2 @45823 has 7 MA's), (Start: 3 @45838 has 3 MA's),

Gene: TrixiePhattel_75 Start: 45473, Stop: 45613, Start Num: 3
Candidate Starts for TrixiePhattel_75:
(Start: 3 @45473 has 3 MA's),

Gene: Uzumaki_71 Start: 45263, Stop: 45418, Start Num: 2
Candidate Starts for Uzumaki_71:
(Start: 2 @45263 has 7 MA's), (Start: 3 @45278 has 3 MA's),

Gene: Zeina_77 Start: 46134, Stop: 46274, Start Num: 3
Candidate Starts for Zeina_77:
(Start: 2 @46119 has 7 MA's), (Start: 3 @46134 has 3 MA's),