



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 280952 Report

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

Pham number 280952 has 17 members, 8 are drafts.

Phages represented in each track:

- Track 1 : Dynamite_51, NapoleonB_51
- Track 2 : Tribby_52
- Track 3 : Leathea_51
- Track 4 : Stardrop_54
- Track 5 : Biscute_50, Kinny_53, Muglass_52
- Track 6 : Phaila_52
- Track 7 : Barbonzobean_56, Renaldo_56, Lewando_53
- Track 8 : BarbieDoll_54
- Track 9 : TrixiePhattel_51
- Track 10 : Navi1117_51
- Track 11 : GantcherGoblin_48
- Track 12 : Altjira_51

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 3 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Dynamite_51, NapoleonB_51, Tribby_52,

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

- TrixiePhattel_51,

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

- Altjira_51, BarbieDoll_54, Barbonzobean_56, Biscute_50, GantcherGoblin_48, Kinny_53, Leathea_51, Lewando_53, Muglass_52, Navi1117_51, Phaila_52, Renaldo_56, Stardrop_54,

Summary by start number:

Start 8:

- Found in 4 of 17 (23.5%) of genes in pham
- Manual Annotations of this start: 2 of 9

- Called 100.0% of time when present
- Phage (with cluster) where this start called: BarbieDoll_54 (AU6), Biscute_50 (AU6), Kinny_53 (AU6), Muglass_52 (AU6),

Start 9:

- Found in 4 of 17 (23.5%) of genes in pham
- Manual Annotations of this start: 3 of 9
- Called 75.0% of time when present
- Phage (with cluster) where this start called: Dynamite_51 (AM), NapoleonB_51 (AM), Tribby_52 (AM),

Start 11:

- Found in 1 of 17 (5.9%) of genes in pham
- Manual Annotations of this start: 1 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Navi1117_51 (AU6),

Start 12:

- Found in 13 of 17 (76.5%) of genes in pham
- Manual Annotations of this start: 3 of 9
- Called 69.2% of time when present
- Phage (with cluster) where this start called: Altjira_51 (AU6), Barbonzobean_56 (AU6), GantcherGoblin_48 (AU6), Leathea_51 (AU6), Lewando_53 (AU6), Phaila_52 (AU6), Renaldo_56 (AU6), Stardrop_54 (AU6), TrixiePhattel_51 (AU6),

Summary by clusters:

There are 2 clusters represented in this pham: AM, AU6,

Info for manual annotations of cluster AM:

- Start number 9 was manually annotated 3 times for cluster AM.

Info for manual annotations of cluster AU6:

- Start number 8 was manually annotated 2 times for cluster AU6.
- Start number 11 was manually annotated 1 time for cluster AU6.
- Start number 12 was manually annotated 3 times for cluster AU6.

Gene Information:

Gene: Altjira_51 Start: 34432, Stop: 34554, Start Num: 12

Candidate Starts for Altjira_51:

(6, 34399), (7, 34402), (Start: 12 @34432 has 3 MA's), (13, 34468),

Gene: BarbieDoll_54 Start: 34859, Stop: 34999, Start Num: 8

Candidate Starts for BarbieDoll_54:

(2, 34706), (3, 34772), (Start: 8 @34859 has 2 MA's), (Start: 12 @34886 has 3 MA's),

Gene: Barbonzobean_56 Start: 35146, Stop: 35265, Start Num: 12

Candidate Starts for Barbonzobean_56:

(Start: 12 @35146 has 3 MA's),

Gene: Biscute_50 Start: 34511, Stop: 34651, Start Num: 8
Candidate Starts for Biscute_50:
(1, 34310), (2, 34358), (3, 34424), (Start: 8 @34511 has 2 MA's), (Start: 12 @34538 has 3 MA's),

Gene: Dynamite_51 Start: 33040, Stop: 33168, Start Num: 9
Candidate Starts for Dynamite_51:
(Start: 9 @33040 has 3 MA's),

Gene: GantcherGoblin_48 Start: 33220, Stop: 33339, Start Num: 12
Candidate Starts for GantcherGoblin_48:
(Start: 12 @33220 has 3 MA's), (13, 33256),

Gene: Kinny_53 Start: 35354, Stop: 35494, Start Num: 8
Candidate Starts for Kinny_53:
(1, 35153), (2, 35201), (3, 35267), (Start: 8 @35354 has 2 MA's), (Start: 12 @35381 has 3 MA's),

Gene: Leathea_51 Start: 33316, Stop: 33435, Start Num: 12
Candidate Starts for Leathea_51:
(Start: 12 @33316 has 3 MA's),

Gene: Lewando_53 Start: 34888, Stop: 35001, Start Num: 12
Candidate Starts for Lewando_53:
(Start: 12 @34888 has 3 MA's),

Gene: Muglass_52 Start: 34415, Stop: 34555, Start Num: 8
Candidate Starts for Muglass_52:
(1, 34214), (2, 34262), (3, 34328), (Start: 8 @34415 has 2 MA's), (Start: 12 @34442 has 3 MA's),

Gene: NapoleonB_51 Start: 33040, Stop: 33168, Start Num: 9
Candidate Starts for NapoleonB_51:
(Start: 9 @33040 has 3 MA's),

Gene: Navi1117_51 Start: 33929, Stop: 34051, Start Num: 11
Candidate Starts for Navi1117_51:
(5, 33893), (Start: 11 @33929 has 1 MA's),

Gene: Phaila_52 Start: 33313, Stop: 33432, Start Num: 12
Candidate Starts for Phaila_52:
(6, 33280), (7, 33283), (Start: 12 @33313 has 3 MA's),

Gene: Renaldo_56 Start: 35197, Stop: 35310, Start Num: 12
Candidate Starts for Renaldo_56:
(Start: 12 @35197 has 3 MA's),

Gene: Stardrop_54 Start: 33937, Stop: 34056, Start Num: 12
Candidate Starts for Stardrop_54:
(6, 33901), (Start: 12 @33937 has 3 MA's), (13, 33973),

Gene: Tribby_52 Start: 33045, Stop: 33176, Start Num: 9
Candidate Starts for Tribby_52:
(Start: 9 @33045 has 3 MA's),

Gene: TrixiePhattel_51 Start: 33340, Stop: 33459, Start Num: 12

Candidate Starts for TrixiePhattel_51:

(4, 33238), (Start: 9 @33325 has 3 MA's), (10, 33334), (Start: 12 @33340 has 3 MA's), (13, 33376),