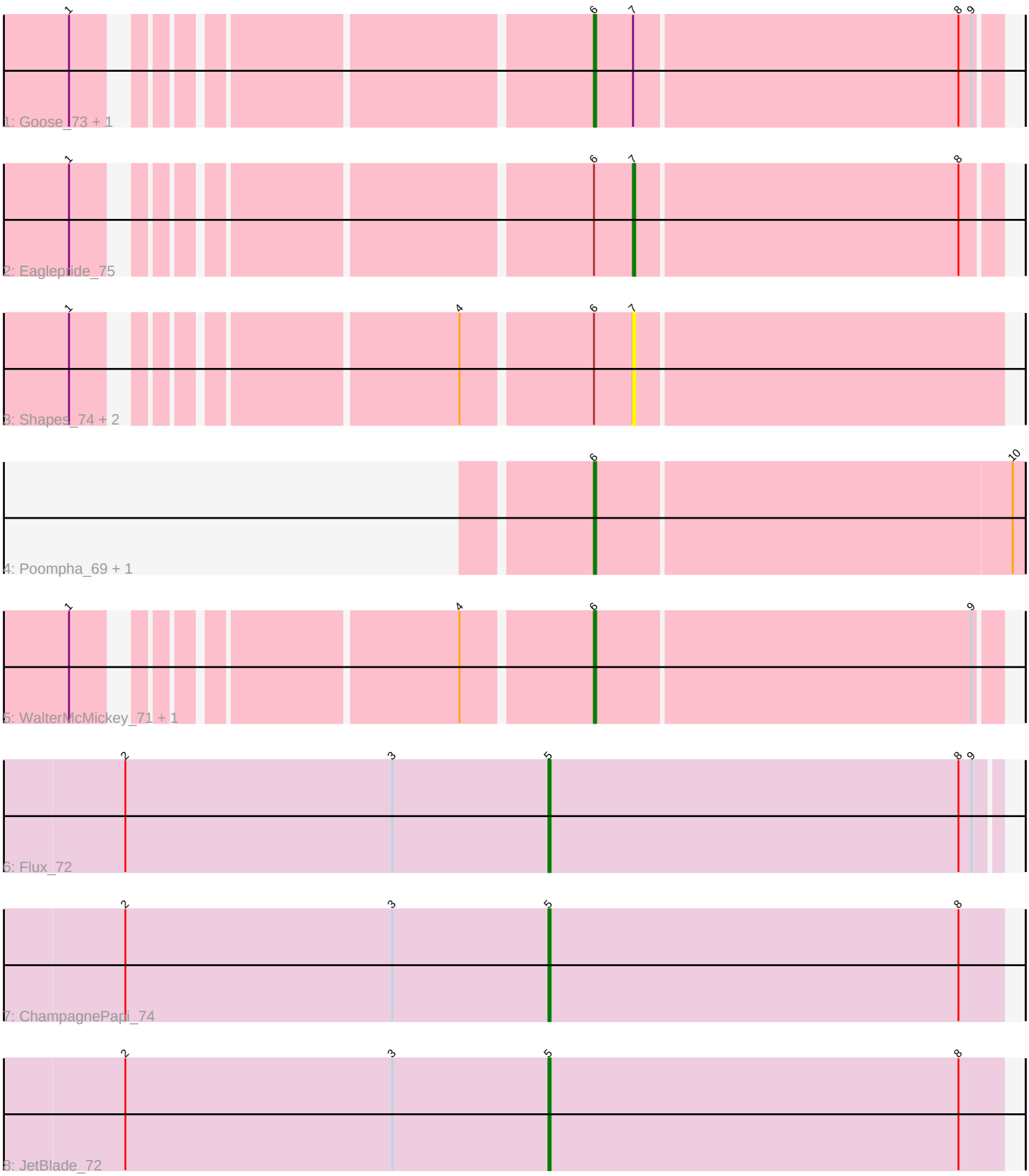
Pham 348187


1
6
7
8
9
1: Goose_73 + 1
1
6
7
8
2: Eaglepride_75
1
4
6
7
3: Shapes_74 + 2
6
10
4: Poompha_69 + 1
1
4
6
9
5: WalterMcMickey_71 + 1
2
3
5
8
9
6: Flux_72
2
3
5
8
7: ChampagnePapi_74
2
3
5
8
8: JetBlade_72

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 348187 Report

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

Pham number 348187 has 13 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Goose_73, OKCentral2016_71
• Track 2 : Eaglepride_75
• Track 3 : Shapes_74, DustyMartin_74, Rowdy_74
• Track 4 : Poompha_69, Severus_70
• Track 5 : WalterMcMickey_71, Twister_72
• Track 6 : Flux_72
• Track 7 : ChampagnePapi_74
• Track 8 : JetBlade_72

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

The start number called the most often in the published annotations is 6, it was called in 6 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Goose_73, OKCentral2016_71, Poompha_69, Severus_70, Twister_72, WalterMcMickey_71,

Genes that have the "Most Annotated" start but do not call it:
• DustyMartin_74, Eaglepride_75, Rowdy_74, Shapes_74,

Genes that do not have the "Most Annotated" start:
• ChampagnePapi_74, Flux_72, JetBlade_72,

Summary by start number:

Start 5:
• Found in 3 of 13 (23.1%) of genes in pham
• Manual Annotations of this start: 3 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ChampagnePapi_74 (A4), Flux_72 (A4), JetBlade_72 (A4),

Start 6:

• Found in 10 of 13 (76.9%) of genes in pham
• Manual Annotations of this start: 6 of 10
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Goose_73 (A10), OKCentral2016_71 (A10), Poompha_69 (A10), Severus_70 (A10), Twister_72 (A10), WalterMcMickey_71 (A10),

Start 7:
• Found in 6 of 13 (46.2%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 66.7% of time when present
• Phage (with cluster) where this start called: DustyMartin_74 (A10), Eaglepride_75 (A10), Rowdy_74 (A10), Shapes_74 (A10),

Summary by clusters:

There are 2 clusters represented in this pham: A4, A10,

Info for manual annotations of cluster A10:
•Start number 6 was manually annotated 6 times for cluster A10.
•Start number 7 was manually annotated 1 time for cluster A10.

Info for manual annotations of cluster A4:
•Start number 5 was manually annotated 3 times for cluster A4.

Gene Information:

Gene: ChampagnePapi_74 Start: 45156, Stop: 44947, Start Num: 5
Candidate Starts for ChampagnePapi_74:
(2, 45351), (3, 45228), (Start: 5 @45156 has 3 MA's), (8, 44967),

Gene: DustyMartin_74 Start: 44774, Stop: 44607, Start Num: 7
Candidate Starts for DustyMartin_74:
(1, 44999), (4, 44849), (Start: 6 @44792 has 6 MA's), (Start: 7 @44774 has 1 MA's),

Gene: Eaglepride_75 Start: 44715, Stop: 44551, Start Num: 7
Candidate Starts for Eaglepride_75:
(1, 44940), (Start: 6 @44733 has 6 MA's), (Start: 7 @44715 has 1 MA's), (8, 44568),

Gene: Flux_72 Start: 44717, Stop: 44511, Start Num: 5
Candidate Starts for Flux_72:
(2, 44912), (3, 44789), (Start: 5 @44717 has 3 MA's), (8, 44528), (9, 44522),

Gene: Goose_73 Start: 44452, Stop: 44270, Start Num: 6
Candidate Starts for Goose_73:
(1, 44659), (Start: 6 @44452 has 6 MA's), (Start: 7 @44434 has 1 MA's), (8, 44287), (9, 44281),

Gene: JetBlade_72 Start: 44747, Stop: 44538, Start Num: 5
Candidate Starts for JetBlade_72:
(2, 44942), (3, 44819), (Start: 5 @44747 has 3 MA's), (8, 44558),

Gene: OKCentral2016_71 Start: 43879, Stop: 43697, Start Num: 6
Candidate Starts for OKCentral2016_71:
(1, 44086), (Start: 6 @43879 has 6 MA's), (Start: 7 @43861 has 1 MA's), (8, 43714), (9, 43708),

Gene: Poompha_69 Start: 43781, Stop: 43587, Start Num: 6
Candidate Starts for Poompha_69:
(Start: 6 @43781 has 6 MA's), (10, 43592),

Gene: Rowdy_74 Start: 44774, Stop: 44607, Start Num: 7
Candidate Starts for Rowdy_74:
(1, 44999), (4, 44849), (Start: 6 @44792 has 6 MA's), (Start: 7 @44774 has 1 MA's),

Gene: Severus_70 Start: 43781, Stop: 43587, Start Num: 6
Candidate Starts for Severus_70:
(Start: 6 @43781 has 6 MA's), (10, 43592),

Gene: Shapes_74 Start: 44774, Stop: 44607, Start Num: 7
Candidate Starts for Shapes_74:
(1, 44999), (4, 44849), (Start: 6 @44792 has 6 MA's), (Start: 7 @44774 has 1 MA's),

Gene: Twister_72 Start: 44636, Stop: 44454, Start Num: 6
Candidate Starts for Twister_72:
(1, 44843), (4, 44693), (Start: 6 @44636 has 6 MA's), (9, 44465),

Gene: WalterMcMickey_71 Start: 44636, Stop: 44454, Start Num: 6
Candidate Starts for WalterMcMickey_71:
(1, 44843), (4, 44693), (Start: 6 @44636 has 6 MA's), (9, 44465),