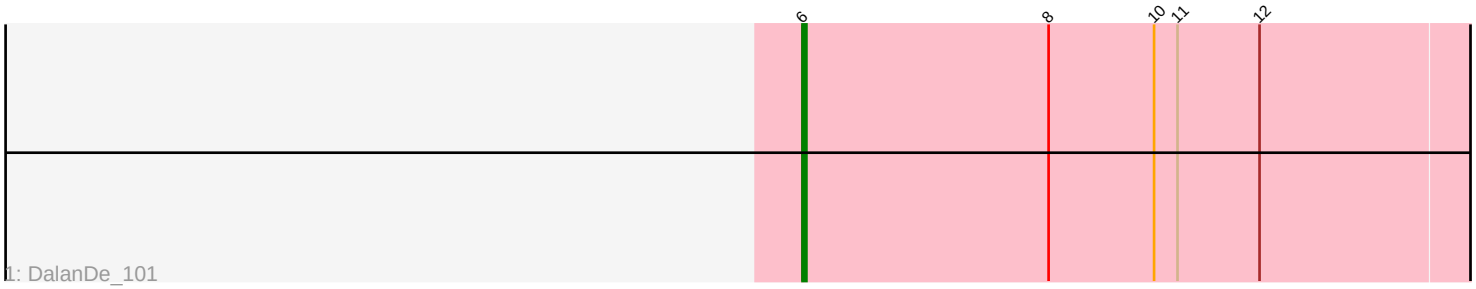
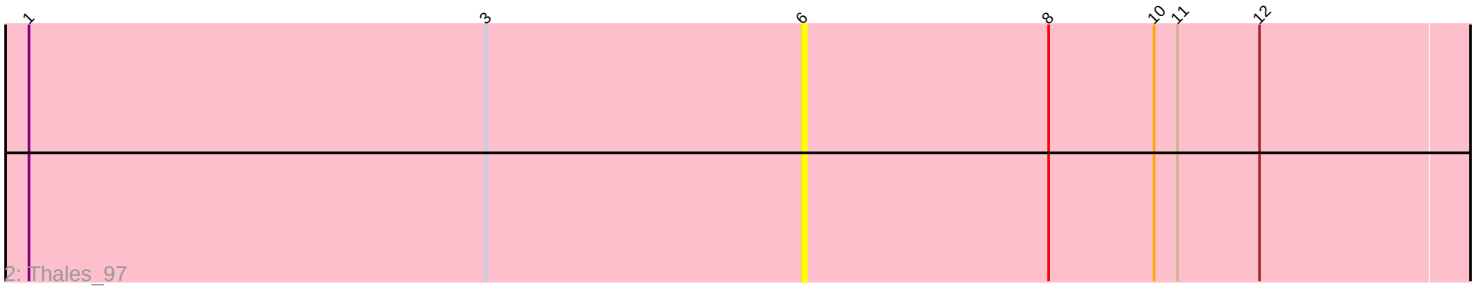
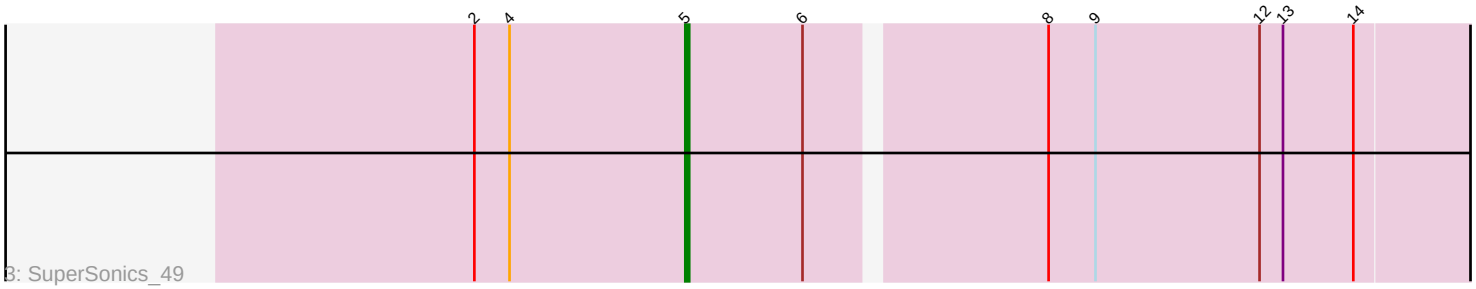
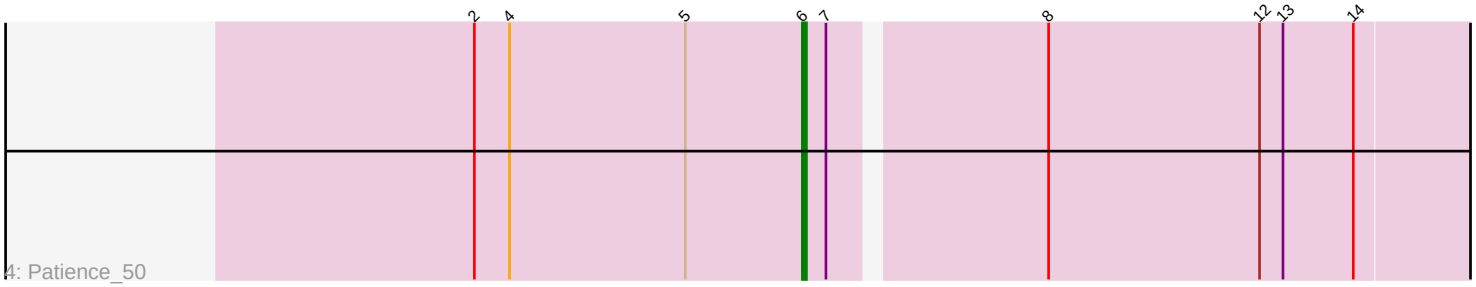
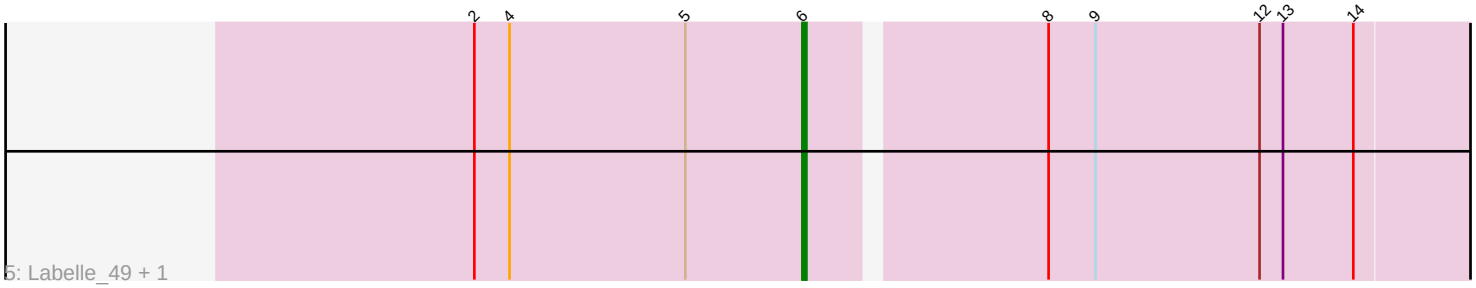
Pham 346585


6
8
10
11
12
1: DalanDe_101


1
3
6
8
10
11
12
2: Thales_97


2
4
5
6
8
9
12
13
14
3: SuperSonics_49


2
4
5
6
7
8
12
13
14
4: Patience_50


2
4
5
6
8
9
12
13
14
5: Labelle_49 + 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 346585 Report

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

Pham number 346585 has 6 members, 1 are drafts.

Phages represented in each track:
• Track 1 : DalanDe_101
• Track 2 : Thales_97
• Track 3 : SuperSonics_49
• Track 4 : Patience_50
• Track 5 : Labelle_49, Madruga_48

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 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DalanDe_101, Labelle_49, Madruga_48, Patience_50, Thales_97,

Genes that have the "Most Annotated" start but do not call it:
• SuperSonics_49,

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

Summary by start number:

Start 5:
• Found in 4 of 6 (66.7%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 25.0% of time when present
• Phage (with cluster) where this start called: SuperSonics_49 (U),

Start 6:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 83.3% of time when present
• Phage (with cluster) where this start called: DalanDe_101 (DQ), Labelle_49 (U), Madruga_48 (U), Patience_50 (U), Thales_97 (DQ),

Summary by clusters:

There are 2 clusters represented in this pham: U, DQ,

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

Info for manual annotations of cluster U:
•Start number 5 was manually annotated 1 time for cluster U.
•Start number 6 was manually annotated 3 times for cluster U.

Gene Information:

Gene: DalanDe_101 Start: 79925, Stop: 79734, Start Num: 6
Candidate Starts for DalanDe_101:
(Start: 6 @79925 has 4 MA's), (8, 79862), (10, 79835), (11, 79829), (12, 79808),

Gene: Labelle_49 Start: 39688, Stop: 39885, Start Num: 6
Candidate Starts for Labelle_49:
(2, 39604), (4, 39613), (Start: 5 @39658 has 1 MA's), (Start: 6 @39688 has 4 MA's), (8, 39745), (9, 39757), (12, 39799), (13, 39805), (14, 39823),

Gene: Madruga_48 Start: 39341, Stop: 39538, Start Num: 6
Candidate Starts for Madruga_48:
(2, 39257), (4, 39266), (Start: 5 @39311 has 1 MA's), (Start: 6 @39341 has 4 MA's), (8, 39398), (9, 39410), (12, 39452), (13, 39458), (14, 39476),

Gene: Patience_50 Start: 40236, Stop: 40433, Start Num: 6
Candidate Starts for Patience_50:
(2, 40152), (4, 40161), (Start: 5 @40206 has 1 MA's), (Start: 6 @40236 has 4 MA's), (7, 40242), (8, 40293), (12, 40347), (13, 40353), (14, 40371),

Gene: SuperSonics_49 Start: 39382, Stop: 39609, Start Num: 5
Candidate Starts for SuperSonics_49:
(2, 39328), (4, 39337), (Start: 5 @39382 has 1 MA's), (Start: 6 @39412 has 4 MA's), (8, 39469), (9, 39481), (12, 39523), (13, 39529), (14, 39547),

Gene: Thales_97 Start: 78175, Stop: 77981, Start Num: 6
Candidate Starts for Thales_97:
(1, 78373), (3, 78256), (Start: 6 @78175 has 4 MA's), (8, 78112), (10, 78085), (11, 78079), (12, 78058),