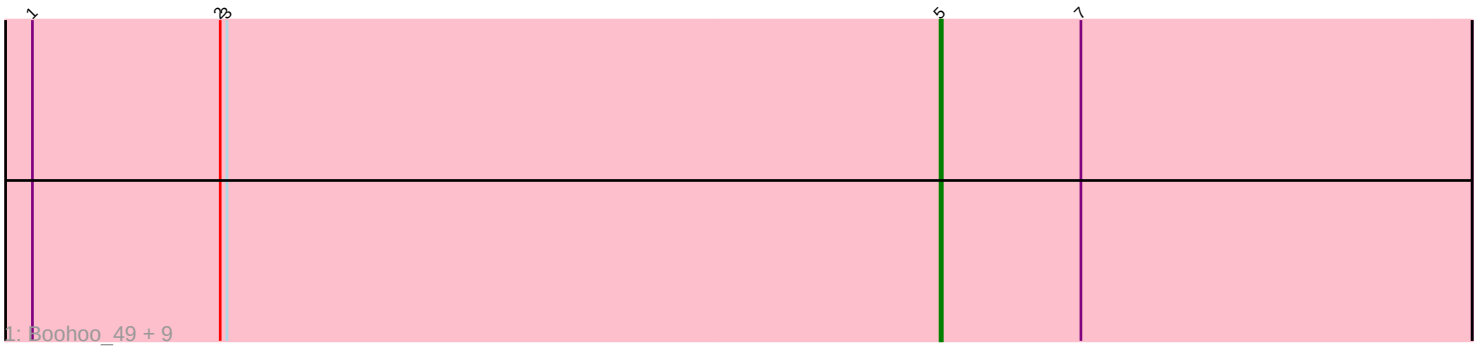
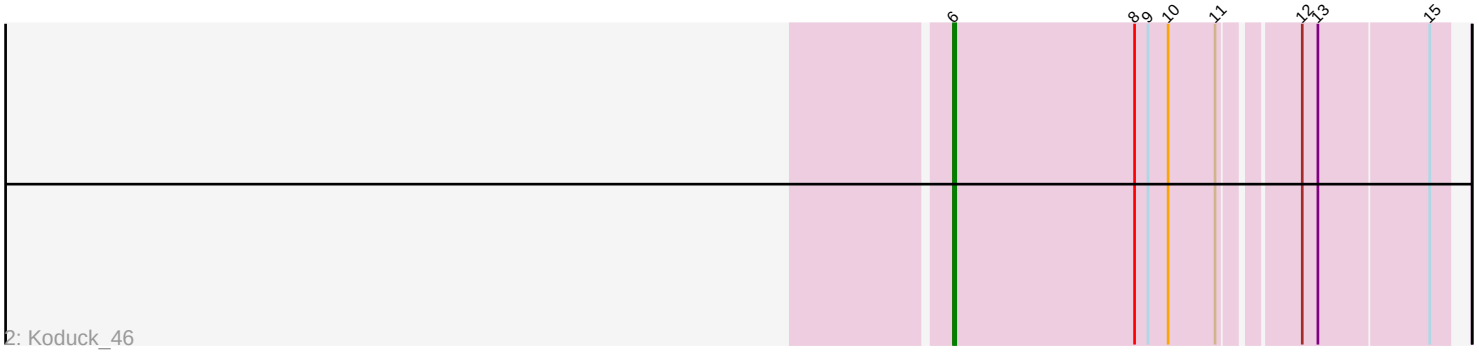
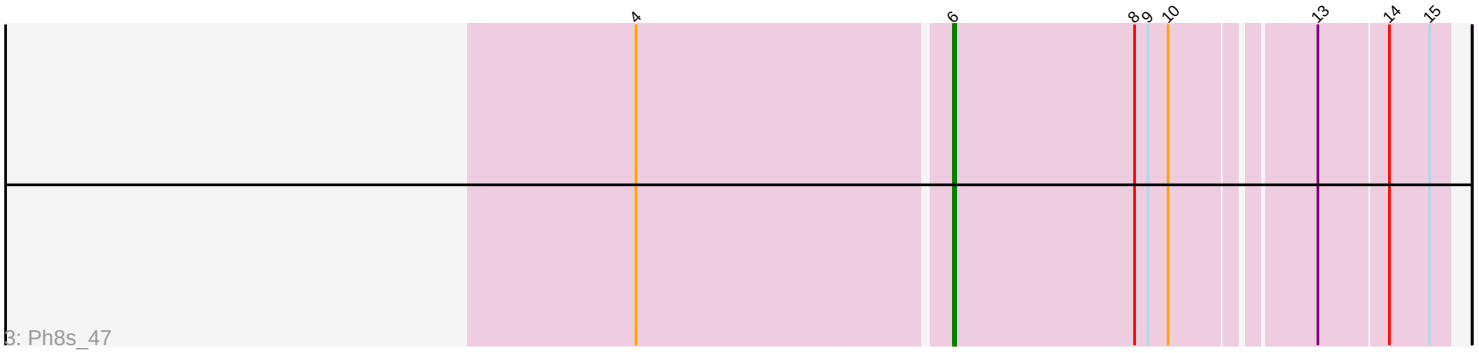
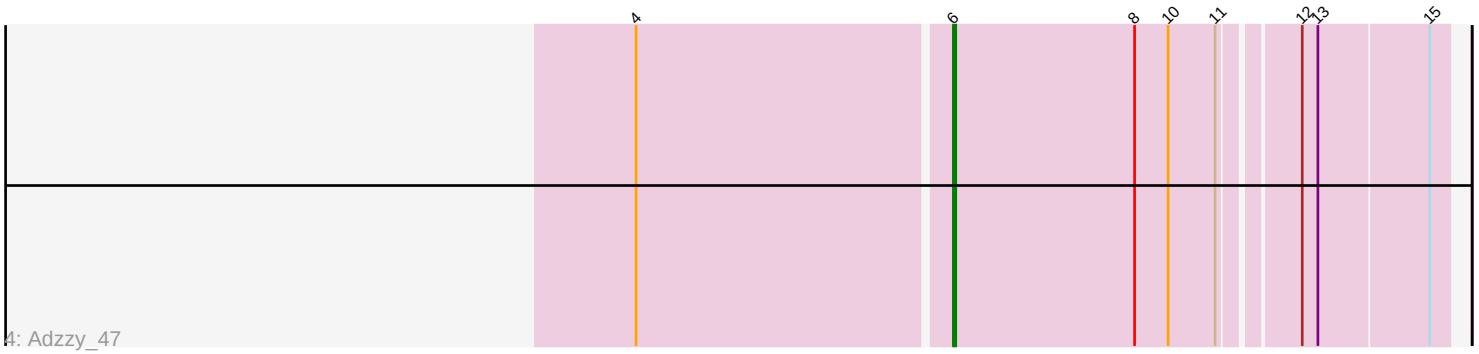
Pham 348179


1
3
5
7
1: Boohoo_49 + 9


6
8
9
10
11
12
13
15
2: Koduck_46


4
6
8
9
10
13
14
15
3: Ph8s_47


4
6
8
10
11
12
13
15
4: Adzzy_47

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 348179 Report

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

Pham number 348179 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Boohoo_49, Anaysia_49, DekHockey33_49, LastResort_48, Looper_49, Soups_49, ReMo_48, Nebulosus_48, ShayRa_50, KatherineG_50
• Track 2 : Koduck_46
• Track 3 : Ph8s_47
• Track 4 : Adzzy_47

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

The start number called the most often in the published annotations is 5, it was called in 10 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_49, Boohoo_49, DekHockey33_49, KatherineG_50, LastResort_48, Looper_49, Nebulosus_48, ReMo_48, ShayRa_50, Soups_49,

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

Genes that do not have the "Most Annotated" start:
• Adzzy_47, Koduck_46, Ph8s_47,

Summary by start number:

Start 5:
• Found in 10 of 13 (76.9%) of genes in pham
• Manual Annotations of this start: 10 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anaysia_49 (A15), Boohoo_49 (A15), DekHockey33_49 (A15), KatherineG_50 (A15), LastResort_48 (A15), Looper_49 (A15), Nebulosus_48 (A15), ReMo_48 (A15), ShayRa_50 (A15), Soups_49 (A15),

Start 6:
• Found in 3 of 13 (23.1%) of genes in pham
• Manual Annotations of this start: 3 of 13

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adzzy_47 (A2), Koduck_46 (A2), Ph8s_47 (A2),

Summary by clusters:

There are 2 clusters represented in this pham: A15, A2,

Info for manual annotations of cluster A15:
•Start number 5 was manually annotated 10 times for cluster A15.

Info for manual annotations of cluster A2:
•Start number 6 was manually annotated 3 times for cluster A2.

Gene Information:

Gene: Adzzy_47 Start: 30308, Stop: 30099, Start Num: 6
Candidate Starts for Adzzy_47:
(4, 30443), (Start: 6 @30308 has 3 MA's), (8, 30227), (10, 30212), (11, 30191), (12, 30161), (13, 30155), (15, 30107),

Gene: Anaysia_49 Start: 30563, Stop: 30327, Start Num: 5
Candidate Starts for Anaysia_49:
(1, 30968), (2, 30884), (3, 30881), (Start: 5 @30563 has 10 MA's), (7, 30500),

Gene: Boohoo_49 Start: 30563, Stop: 30327, Start Num: 5
Candidate Starts for Boohoo_49:
(1, 30968), (2, 30884), (3, 30881), (Start: 5 @30563 has 10 MA's), (7, 30500),

Gene: DekHockey33_49 Start: 30778, Stop: 30542, Start Num: 5
Candidate Starts for DekHockey33_49:
(1, 31183), (2, 31099), (3, 31096), (Start: 5 @30778 has 10 MA's), (7, 30715),

Gene: KatherineG_50 Start: 30778, Stop: 30542, Start Num: 5
Candidate Starts for KatherineG_50:
(1, 31183), (2, 31099), (3, 31096), (Start: 5 @30778 has 10 MA's), (7, 30715),

Gene: Koduck_46 Start: 30554, Stop: 30345, Start Num: 6
Candidate Starts for Koduck_46:
(Start: 6 @30554 has 3 MA's), (8, 30473), (9, 30467), (10, 30458), (11, 30437), (12, 30407), (13, 30401), (15, 30353),

Gene: LastResort_48 Start: 30339, Stop: 30103, Start Num: 5
Candidate Starts for LastResort_48:
(1, 30744), (2, 30660), (3, 30657), (Start: 5 @30339 has 10 MA's), (7, 30276),

Gene: Looper_49 Start: 30316, Stop: 30080, Start Num: 5
Candidate Starts for Looper_49:
(1, 30721), (2, 30637), (3, 30634), (Start: 5 @30316 has 10 MA's), (7, 30253),

Gene: Nebulosus_48 Start: 30335, Stop: 30099, Start Num: 5

Candidate Starts for Nebulosus_48:
(1, 30740), (2, 30656), (3, 30653), (Start: 5 @30335 has 10 MA's), (7, 30272),

Gene: Ph8s_47 Start: 30743, Stop: 30534, Start Num: 6
Candidate Starts for Ph8s_47:
(4, 30878), (Start: 6 @30743 has 3 MA's), (8, 30662), (9, 30656), (10, 30647), (13, 30590), (14, 30560), (15, 30542),

Gene: ReMo_48 Start: 30336, Stop: 30100, Start Num: 5
Candidate Starts for ReMo_48:
(1, 30741), (2, 30657), (3, 30654), (Start: 5 @30336 has 10 MA's), (7, 30273),

Gene: ShayRa_50 Start: 30540, Stop: 30304, Start Num: 5
Candidate Starts for ShayRa_50:
(1, 30945), (2, 30861), (3, 30858), (Start: 5 @30540 has 10 MA's), (7, 30477),

Gene: Soups_49 Start: 30539, Stop: 30303, Start Num: 5
Candidate Starts for Soups_49:
(1, 30944), (2, 30860), (3, 30857), (Start: 5 @30539 has 10 MA's), (7, 30476),