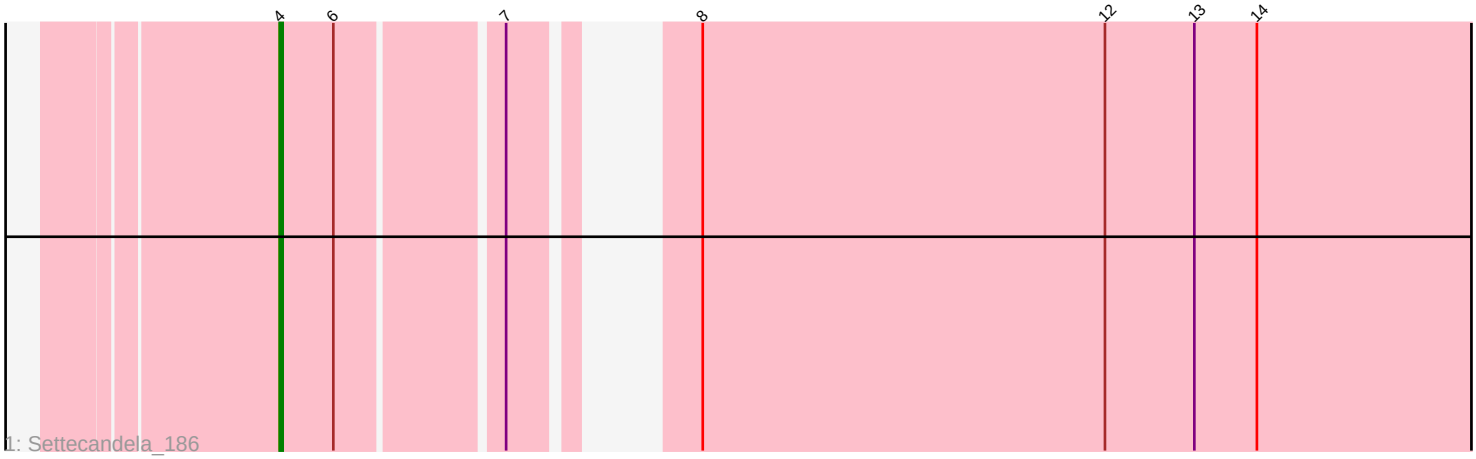
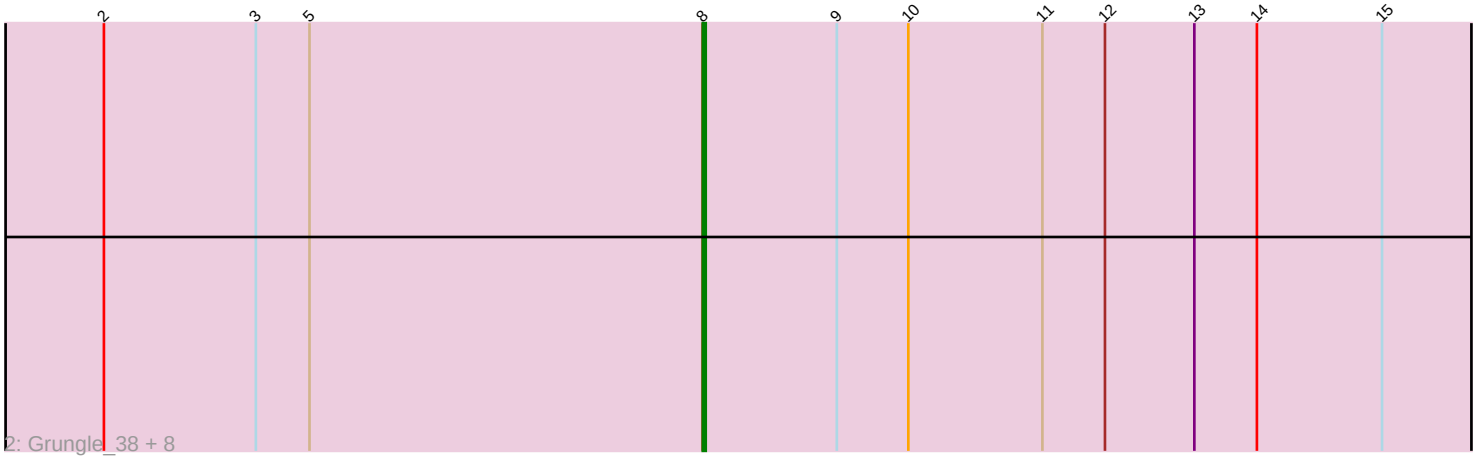
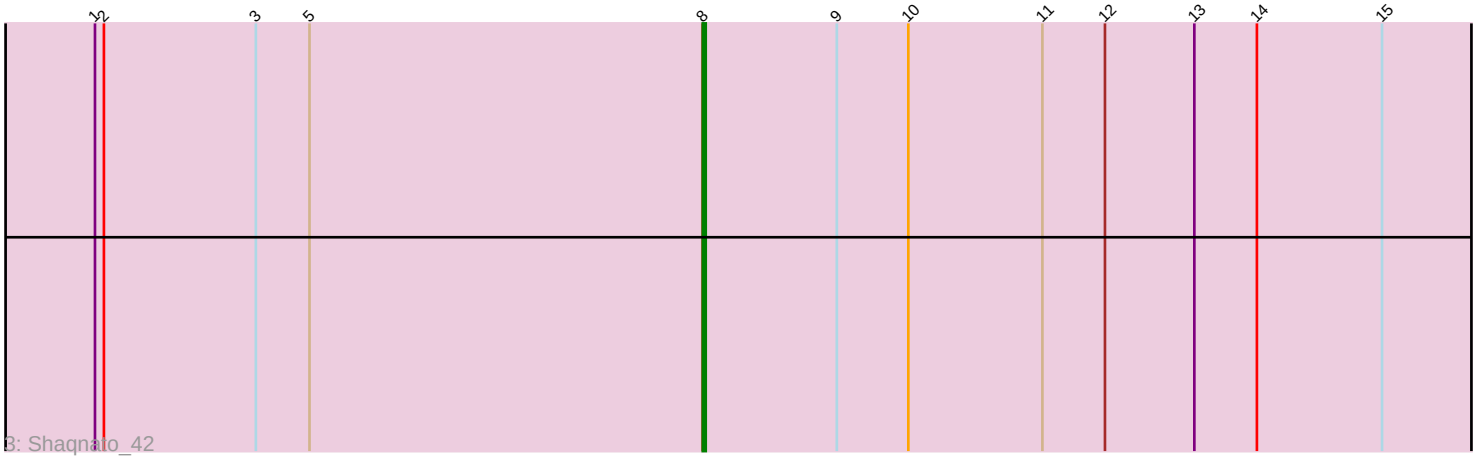
Pham 256339


4
6
7
8
12
13
14
1: Settecandela_186


2
3
5
8
9
10
11
12
13
14
15
2: Grungle_38 + 8


1
2
3
5
8
9
10
11
12
13
14
15
3: Shaqnato_42

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 256339 Report

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

Pham number 256339 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Settecandela_186
• Track 2 : Grungle_38, Koguma_42, LRRHood_43, Lukilu_40, Pinkcreek_37, JulietS_41, Astraea_47, Yassified_44, Alice_40
• Track 3 : Shaqnato_42

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

The start number called the most often in the published annotations is 8, it was called in 10 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alice_40, Astraea_47, Grungle_38, JulietS_41, Koguma_42, LRRHood_43, Lukilu_40, Pinkcreek_37, Shaqnato_42, Yassified_44,

Genes that have the "Most Annotated" start but do not call it:
• Settecandela_186,

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

Summary by start number:

Start 4:
• Found in 1 of 11 (9.1%) 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: Settecandela_186 (AA),

Start 8:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 11
• Called 90.9% of time when present
• Phage (with cluster) where this start called: Alice_40 (C1), Astraea_47 (C1), Grungle_38 (C1), JulietS_41 (C1), Koguma_42 (C1), LRRHood_43 (C1), Lukilu_40

(C1), Pinkcreek_37 (C1), Shaqnato_42 (C1), Yassified_44 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: AA, C1,

Info for manual annotations of cluster AA:
•Start number 4 was manually annotated 1 time for cluster AA.

Info for manual annotations of cluster C1:
•Start number 8 was manually annotated 10 times for cluster C1.

Gene Information:

Gene: Alice_40 Start: 13752, Stop: 14048, Start Num: 8
Candidate Starts for Alice_40:
(2, 13551), (3, 13602), (5, 13620), (Start: 8 @13752 has 10 MA's), (9, 13797), (10, 13821), (11, 13866), (12, 13887), (13, 13917), (14, 13938), (15, 13980),

Gene: Astraea_47 Start: 15148, Stop: 15444, Start Num: 8
Candidate Starts for Astraea_47:
(2, 14947), (3, 14998), (5, 15016), (Start: 8 @15148 has 10 MA's), (9, 15193), (10, 15217), (11, 15262), (12, 15283), (13, 15313), (14, 15334), (15, 15376),

Gene: Grungle_38 Start: 12567, Stop: 12863, Start Num: 8
Candidate Starts for Grungle_38:
(2, 12366), (3, 12417), (5, 12435), (Start: 8 @12567 has 10 MA's), (9, 12612), (10, 12636), (11, 12681), (12, 12702), (13, 12732), (14, 12753), (15, 12795),

Gene: JulietS_41 Start: 12870, Stop: 13166, Start Num: 8
Candidate Starts for JulietS_41:
(2, 12669), (3, 12720), (5, 12738), (Start: 8 @12870 has 10 MA's), (9, 12915), (10, 12939), (11, 12984), (12, 13005), (13, 13035), (14, 13056), (15, 13098),

Gene: Koguma_42 Start: 13213, Stop: 13509, Start Num: 8
Candidate Starts for Koguma_42:
(2, 13012), (3, 13063), (5, 13081), (Start: 8 @13213 has 10 MA's), (9, 13258), (10, 13282), (11, 13327), (12, 13348), (13, 13378), (14, 13399), (15, 13441),

Gene: LRRHood_43 Start: 15136, Stop: 15432, Start Num: 8
Candidate Starts for LRRHood_43:
(2, 14935), (3, 14986), (5, 15004), (Start: 8 @15136 has 10 MA's), (9, 15181), (10, 15205), (11, 15250), (12, 15271), (13, 15301), (14, 15322), (15, 15364),

Gene: Lukilu_40 Start: 14338, Stop: 14634, Start Num: 8
Candidate Starts for Lukilu_40:
(2, 14137), (3, 14188), (5, 14206), (Start: 8 @14338 has 10 MA's), (9, 14383), (10, 14407), (11, 14452), (12, 14473), (13, 14503), (14, 14524), (15, 14566),

Gene: Pinkcreek_37 Start: 13068, Stop: 13364, Start Num: 8
Candidate Starts for Pinkcreek_37:

(2, 12867), (3, 12918), (5, 12936), (Start: 8 @13068 has 10 MA's), (9, 13113), (10, 13137), (11, 13182), (12, 13203), (13, 13233), (14, 13254), (15, 13296),

Gene: Settecandela_186 Start: 121032, Stop: 121415, Start Num: 4
Candidate Starts for Settecandela_186:
(Start: 4 @121032 has 1 MA's), (6, 121050), (7, 121101), (Start: 8 @121134 has 10 MA's), (12, 121269), (13, 121299), (14, 121320),

Gene: Shaqnato_42 Start: 13558, Stop: 13854, Start Num: 8
Candidate Starts for Shaqnato_42:
(1, 13354), (2, 13357), (3, 13408), (5, 13426), (Start: 8 @13558 has 10 MA's), (9, 13603), (10, 13627), (11, 13672), (12, 13693), (13, 13723), (14, 13744), (15, 13786),

Gene: Yassified_44 Start: 14395, Stop: 14691, Start Num: 8
Candidate Starts for Yassified_44:
(2, 14194), (3, 14245), (5, 14263), (Start: 8 @14395 has 10 MA's), (9, 14440), (10, 14464), (11, 14509), (12, 14530), (13, 14560), (14, 14581), (15, 14623),