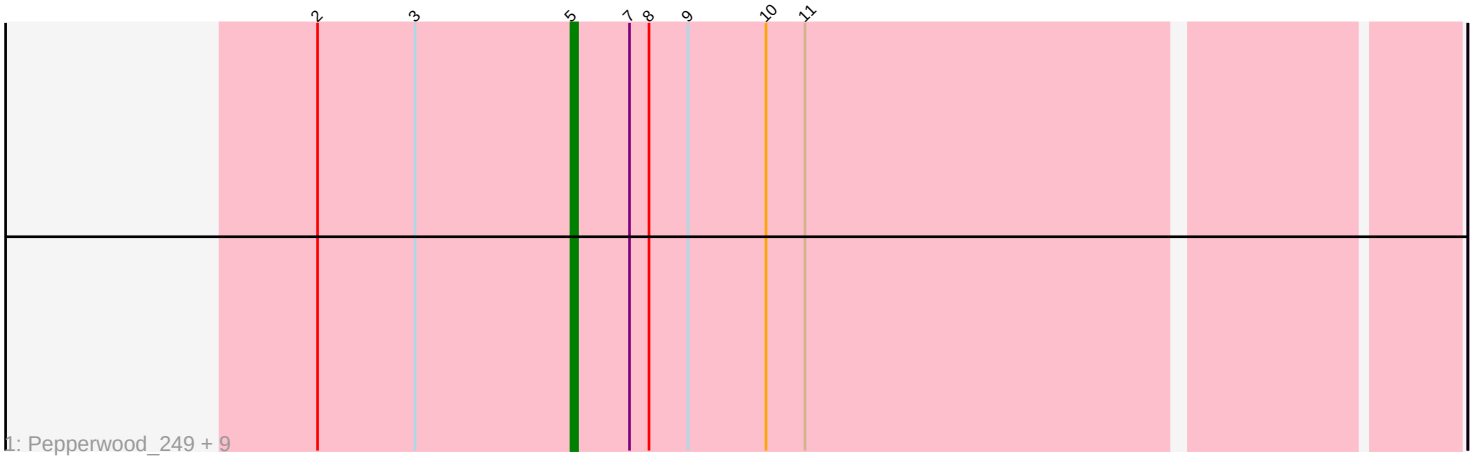
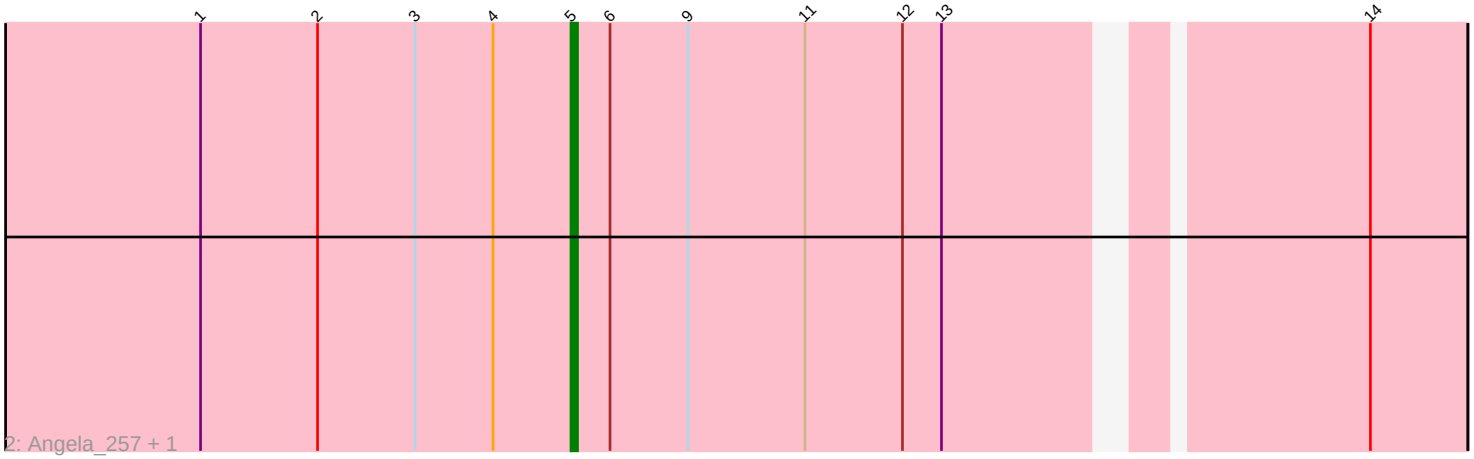
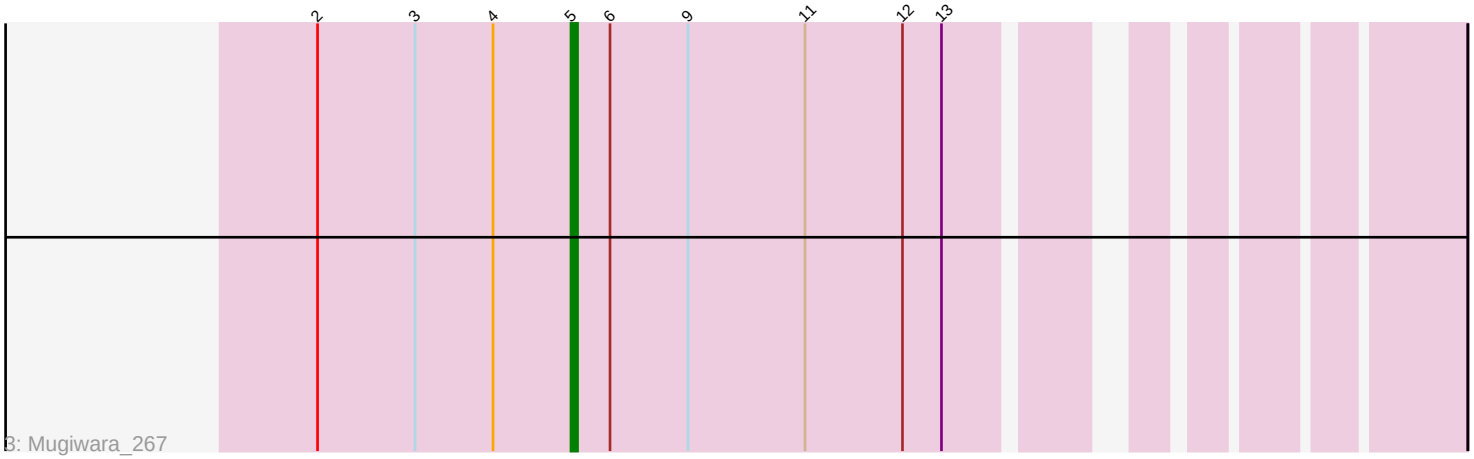
Pham 301898


2
3
5
7
8
9
10
11
1: Pepperwood_249 + 9


1
2
3
4
5
6
9
11
12
13
14
2: Angela_257 + 1


2
3
4
5
6
9
11
12
13
3: Mugiwara_267

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 301898 Report

This analysis was run 06/08/26 on database version 649.

Pham number 301898 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Pepperwood_249, Cross_248, BlueOtter_248, Tribute_245, HangryHippo_248, Samisti12_251, Scheme_253, Lululemon_247, Larnav_250, PacManQ_247
• Track 2 : Angela_257, MulchMansion_256
• Track 3 : Mugiwara_267

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Angela_257, BlueOtter_248, Cross_248, HangryHippo_248, Larnav_250, Lululemon_247, Mugiwara_267, MulchMansion_256, PacManQ_247, Pepperwood_249, Samisti12_251, Scheme_253, Tribute_245,

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

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

Summary by start number:

Start 5:
• Found in 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Angela_257 (BE1), BlueOtter_248 (BE1), Cross_248 (BE1), HangryHippo_248 (BE1), Larnav_250 (BE1), Lululemon_247 (BE1), Mugiwara_267 (BE2), MulchMansion_256 (BE1), PacManQ_247 (BE1), Pepperwood_249 (BE1), Samisti12_251 (BE1), Scheme_253 (BE1), Tribute_245 (BE1),

Summary by clusters:

There are 2 clusters represented in this pham: BE2, BE1,

Info for manual annotations of cluster BE1:
•Start number 5 was manually annotated 12 times for cluster BE1.

Info for manual annotations of cluster BE2:
•Start number 5 was manually annotated 1 time for cluster BE2.

Gene Information:

Gene: Angela_257 Start: 121854, Stop: 121982, Start Num: 5
Candidate Starts for Angela_257:
(1, 121797), (2, 121815), (3, 121830), (4, 121842), (Start: 5 @121854 has 13 MA's), (6, 121860), (9, 121872), (11, 121890), (12, 121905), (13, 121911), (14, 121968),

Gene: BlueOtter_248 Start: 120523, Stop: 120654, Start Num: 5
Candidate Starts for BlueOtter_248:
(2, 120484), (3, 120499), (Start: 5 @120523 has 13 MA's), (7, 120532), (8, 120535), (9, 120541), (10, 120553), (11, 120559),

Gene: Cross_248 Start: 121168, Stop: 121299, Start Num: 5
Candidate Starts for Cross_248:
(2, 121129), (3, 121144), (Start: 5 @121168 has 13 MA's), (7, 121177), (8, 121180), (9, 121186), (10, 121198), (11, 121204),

Gene: HangryHippo_248 Start: 120523, Stop: 120654, Start Num: 5
Candidate Starts for HangryHippo_248:
(2, 120484), (3, 120499), (Start: 5 @120523 has 13 MA's), (7, 120532), (8, 120535), (9, 120541), (10, 120553), (11, 120559),

Gene: Larnav_250 Start: 121441, Stop: 121572, Start Num: 5
Candidate Starts for Larnav_250:
(2, 121402), (3, 121417), (Start: 5 @121441 has 13 MA's), (7, 121450), (8, 121453), (9, 121459), (10, 121471), (11, 121477),

Gene: Lululemon_247 Start: 120328, Stop: 120459, Start Num: 5
Candidate Starts for Lululemon_247:
(2, 120289), (3, 120304), (Start: 5 @120328 has 13 MA's), (7, 120337), (8, 120340), (9, 120346), (10, 120358), (11, 120364),

Gene: Mugiwara_267 Start: 120861, Stop: 120980, Start Num: 5
Candidate Starts for Mugiwara_267:
(2, 120822), (3, 120837), (4, 120849), (Start: 5 @120861 has 13 MA's), (6, 120867), (9, 120879), (11, 120897), (12, 120912), (13, 120918),

Gene: MulchMansion_256 Start: 122428, Stop: 122556, Start Num: 5
Candidate Starts for MulchMansion_256:
(1, 122371), (2, 122389), (3, 122404), (4, 122416), (Start: 5 @122428 has 13 MA's), (6, 122434), (9, 122446), (11, 122464), (12, 122479), (13, 122485), (14, 122542),

Gene: PacManQ_247 Start: 120328, Stop: 120459, Start Num: 5
Candidate Starts for PacManQ_247:
(2, 120289), (3, 120304), (Start: 5 @120328 has 13 MA's), (7, 120337), (8, 120340), (9, 120346), (10, 120358), (11, 120364),

Gene: Pepperwood_249 Start: 121220, Stop: 121351, Start Num: 5
Candidate Starts for Pepperwood_249:
(2, 121181), (3, 121196), (Start: 5 @121220 has 13 MA's), (7, 121229), (8, 121232), (9, 121238), (10, 121250), (11, 121256),

Gene: Samisti12_251 Start: 122477, Stop: 122611, Start Num: 5
Candidate Starts for Samisti12_251:
(2, 122438), (3, 122453), (Start: 5 @122477 has 13 MA's), (7, 122486), (8, 122489), (9, 122495), (10, 122507), (11, 122513),

Gene: Scheme_253 Start: 122629, Stop: 122763, Start Num: 5
Candidate Starts for Scheme_253:
(2, 122590), (3, 122605), (Start: 5 @122629 has 13 MA's), (7, 122638), (8, 122641), (9, 122647), (10, 122659), (11, 122665),

Gene: Tribute_245 Start: 121978, Stop: 122112, Start Num: 5
Candidate Starts for Tribute_245:
(2, 121939), (3, 121954), (Start: 5 @121978 has 13 MA's), (7, 121987), (8, 121990), (9, 121996), (10, 122008), (11, 122014),