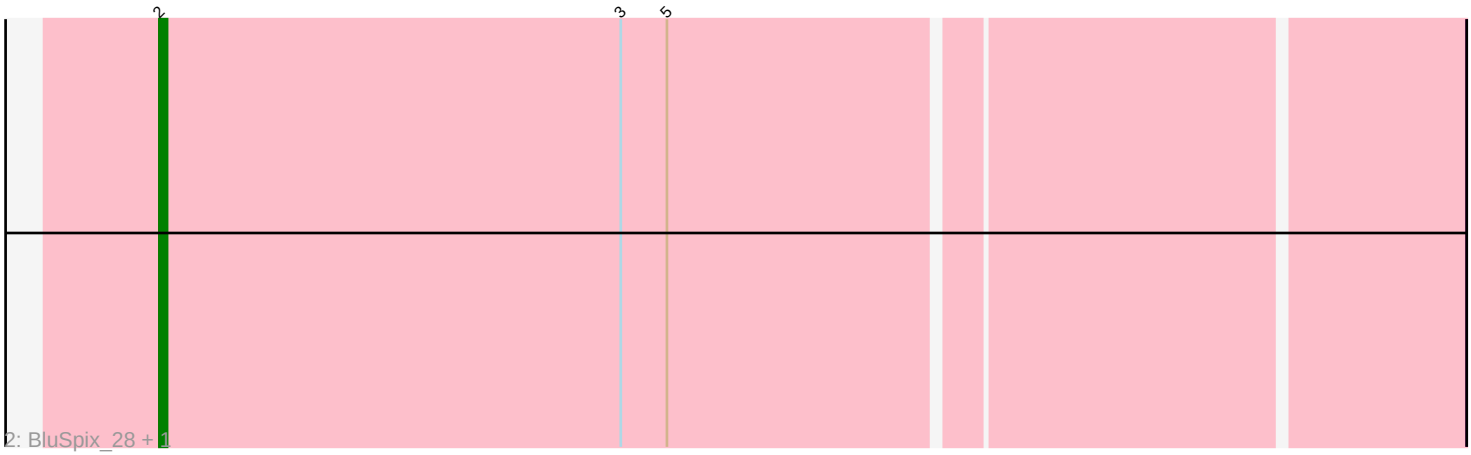
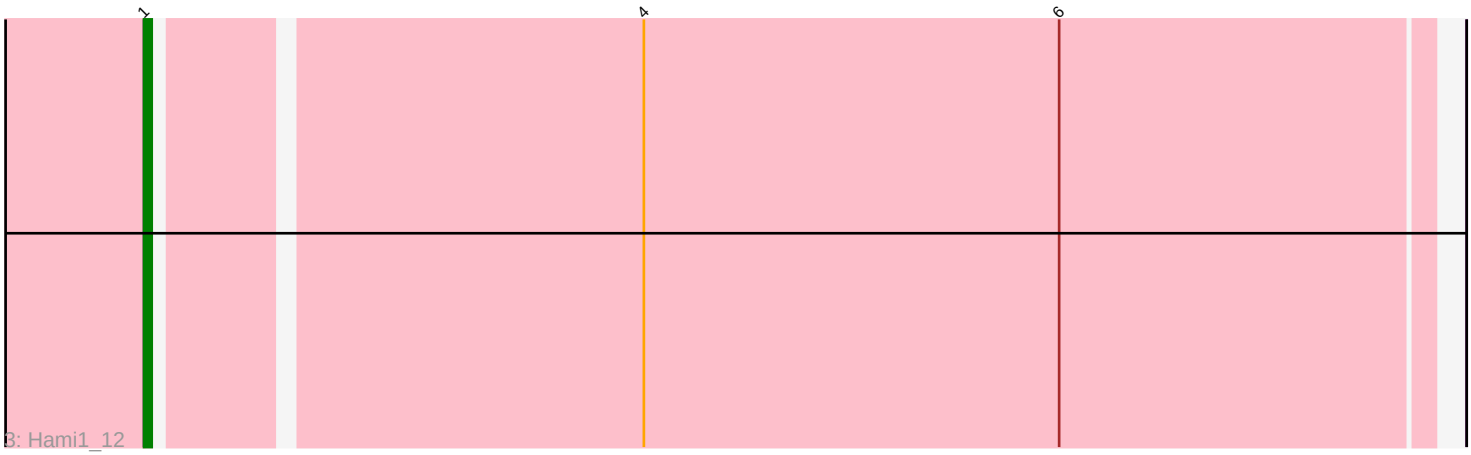
Pham 346297







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 346297 Report

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

Pham number 346297 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BaconJack_30, Perseus_29, Ashballer_28, Sunshine924_27, Kykar_26, Moose_27, PascalRango_27, Forsytheast_27, SwissCheese_29, LunarLander_28
• Track 2 : BluSpix_28, IgnatiusPatJac_27
• Track 3 : Hami1_12

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

The start number called the most often in the published annotations is 2, it was called in 12 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashballer_28, BaconJack_30, BluSpix_28, Forsytheast_27, IgnatiusPatJac_27, Kykar_26, LunarLander_28, Moose_27, PascalRango_27, Perseus_29, Sunshine924_27, SwissCheese_29,

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

Genes that do not have the "Most Annotated" start:
• Hami1_12,

Summary by start number:

Start 1:
• Found in 1 of 13 (7.7%) of genes in pham
• Manual Annotations of this start: 1 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hami1_12 (A1),

Start 2:
• Found in 12 of 13 (92.3%) of genes in pham
• Manual Annotations of this start: 12 of 13
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Ashballer_28 (A1), BaconJack_30 (A1), BluSpix_28 (A1), Forsytheast_27 (A1), IgnatiusPatJac_27 (A1), Kykar_26 (A1), LunarLander_28 (A1), Moose_27 (A1), PascalRango_27 (A1), Perseus_29 (A1), Sunshine924_27 (A1), SwissCheese_29 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:
•Start number 1 was manually annotated 1 time for cluster A1.
•Start number 2 was manually annotated 12 times for cluster A1.

Gene Information:

Gene: Ashballer_28 Start: 23413, Stop: 23577, Start Num: 2
Candidate Starts for Ashballer_28:
(Start: 2 @23413 has 12 MA's), (3, 23473), (5, 23479), (7, 23566),

Gene: BaconJack_30 Start: 23182, Stop: 23346, Start Num: 2
Candidate Starts for BaconJack_30:
(Start: 2 @23182 has 12 MA's), (3, 23242), (5, 23248), (7, 23335),

Gene: BluSpix_28 Start: 22951, Stop: 23115, Start Num: 2
Candidate Starts for BluSpix_28:
(Start: 2 @22951 has 12 MA's), (3, 23011), (5, 23017),

Gene: Forsytheast_27 Start: 22932, Stop: 23096, Start Num: 2
Candidate Starts for Forsytheast_27:
(Start: 2 @22932 has 12 MA's), (3, 22992), (5, 22998), (7, 23085),

Gene: Hami1_12 Start: 7217, Stop: 7378, Start Num: 1
Candidate Starts for Hami1_12:
(Start: 1 @7217 has 1 MA's), (4, 7277), (6, 7331),

Gene: IgnatiusPatJac_27 Start: 22952, Stop: 23116, Start Num: 2
Candidate Starts for IgnatiusPatJac_27:
(Start: 2 @22952 has 12 MA's), (3, 23012), (5, 23018),

Gene: Kykar_26 Start: 22624, Stop: 22788, Start Num: 2
Candidate Starts for Kykar_26:
(Start: 2 @22624 has 12 MA's), (3, 22684), (5, 22690), (7, 22777),

Gene: LunarLander_28 Start: 22823, Stop: 22987, Start Num: 2
Candidate Starts for LunarLander_28:
(Start: 2 @22823 has 12 MA's), (3, 22883), (5, 22889), (7, 22976),

Gene: Moose_27 Start: 22932, Stop: 23096, Start Num: 2
Candidate Starts for Moose_27:
(Start: 2 @22932 has 12 MA's), (3, 22992), (5, 22998), (7, 23085),

Gene: PascalRango_27 Start: 22712, Stop: 22876, Start Num: 2
Candidate Starts for PascalRango_27:
(Start: 2 @22712 has 12 MA's), (3, 22772), (5, 22778), (7, 22865),

Gene: Perseus_29 Start: 23561, Stop: 23725, Start Num: 2
Candidate Starts for Perseus_29:
(Start: 2 @23561 has 12 MA's), (3, 23621), (5, 23627), (7, 23714),

Gene: Sunshine924_27 Start: 22494, Stop: 22658, Start Num: 2
Candidate Starts for Sunshine924_27:
(Start: 2 @22494 has 12 MA's), (3, 22554), (5, 22560), (7, 22647),

Gene: SwissCheese_29 Start: 23432, Stop: 23596, Start Num: 2
Candidate Starts for SwissCheese_29:
(Start: 2 @23432 has 12 MA's), (3, 23492), (5, 23498), (7, 23585),