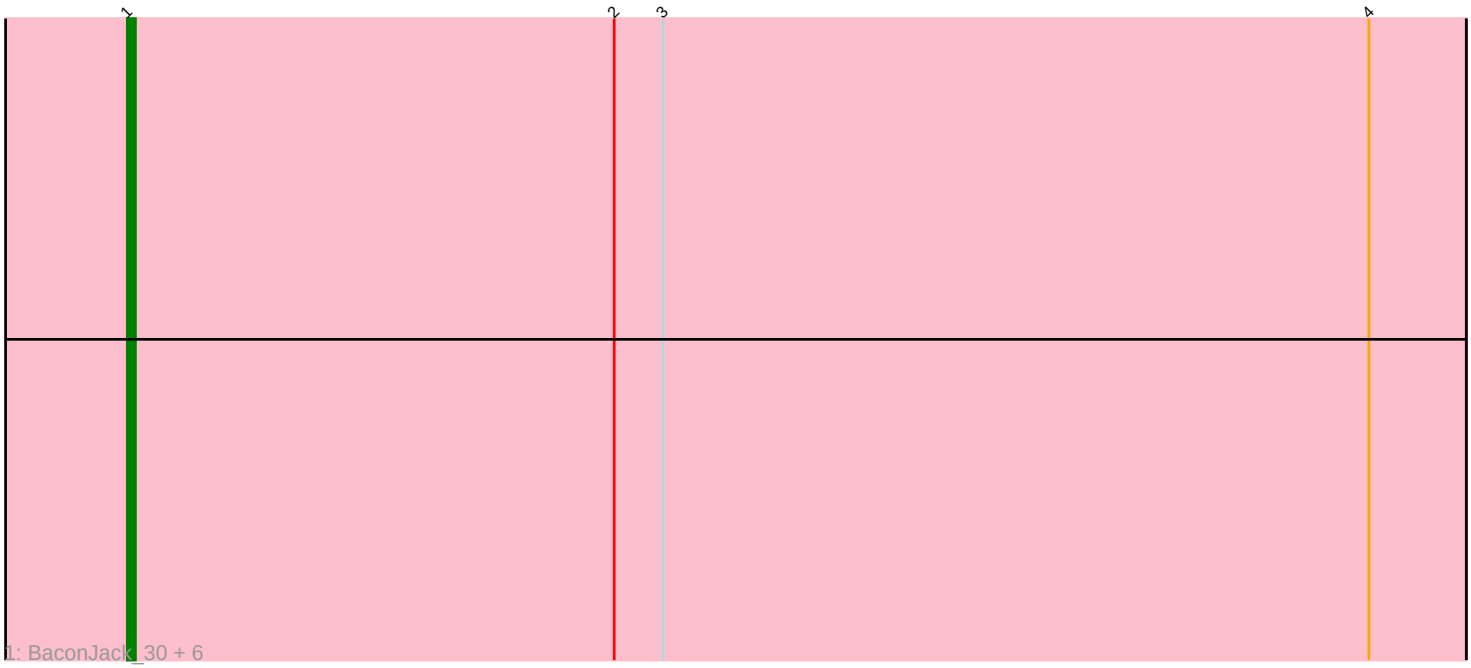
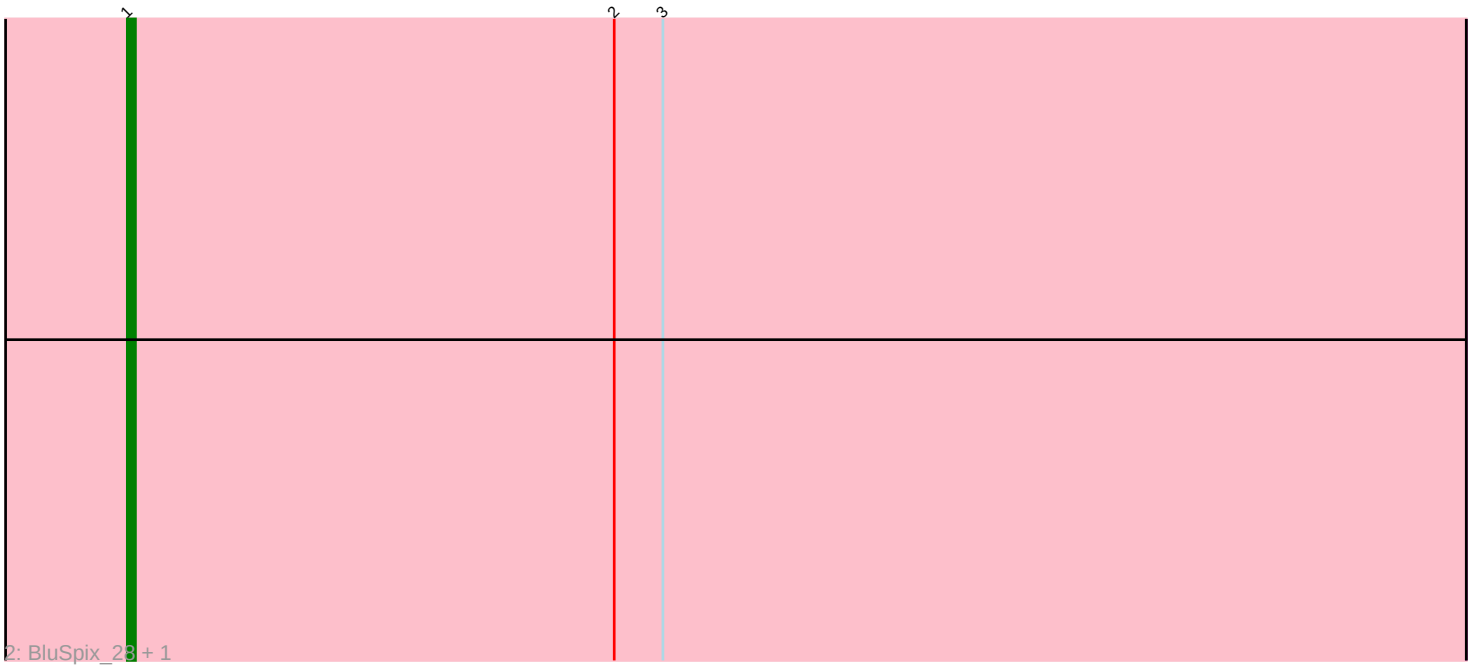
Pham 281167





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 281167 Report

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

Pham number 281167 has 9 members, 0 are drafts.

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

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

The start number called the most often in the published annotations is 1, it was called in 9 of the 9 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, SwissCheese_29,

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 1:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• 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), 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 9 times for cluster A1.

Gene Information:

Gene: Ashballer_28 Start: 23413, Stop: 23577, Start Num: 1
Candidate Starts for Ashballer_28:
(Start: 1 @23413 has 9 MA's), (2, 23473), (3, 23479), (4, 23566),

Gene: BaconJack_30 Start: 23182, Stop: 23346, Start Num: 1
Candidate Starts for BaconJack_30:
(Start: 1 @23182 has 9 MA's), (2, 23242), (3, 23248), (4, 23335),

Gene: BluSpix_28 Start: 22951, Stop: 23115, Start Num: 1
Candidate Starts for BluSpix_28:
(Start: 1 @22951 has 9 MA's), (2, 23011), (3, 23017),

Gene: Forsytheast_27 Start: 22932, Stop: 23096, Start Num: 1
Candidate Starts for Forsytheast_27:
(Start: 1 @22932 has 9 MA's), (2, 22992), (3, 22998), (4, 23085),

Gene: IgnatiusPatJac_27 Start: 22952, Stop: 23116, Start Num: 1
Candidate Starts for IgnatiusPatJac_27:
(Start: 1 @22952 has 9 MA's), (2, 23012), (3, 23018),

Gene: Kykar_26 Start: 22624, Stop: 22788, Start Num: 1
Candidate Starts for Kykar_26:
(Start: 1 @22624 has 9 MA's), (2, 22684), (3, 22690), (4, 22777),

Gene: LunarLander_28 Start: 22823, Stop: 22987, Start Num: 1
Candidate Starts for LunarLander_28:
(Start: 1 @22823 has 9 MA's), (2, 22883), (3, 22889), (4, 22976),

Gene: Moose_27 Start: 22932, Stop: 23096, Start Num: 1
Candidate Starts for Moose_27:
(Start: 1 @22932 has 9 MA's), (2, 22992), (3, 22998), (4, 23085),

Gene: SwissCheese_29 Start: 23432, Stop: 23596, Start Num: 1
Candidate Starts for SwissCheese_29:
(Start: 1 @23432 has 9 MA's), (2, 23492), (3, 23498), (4, 23585),