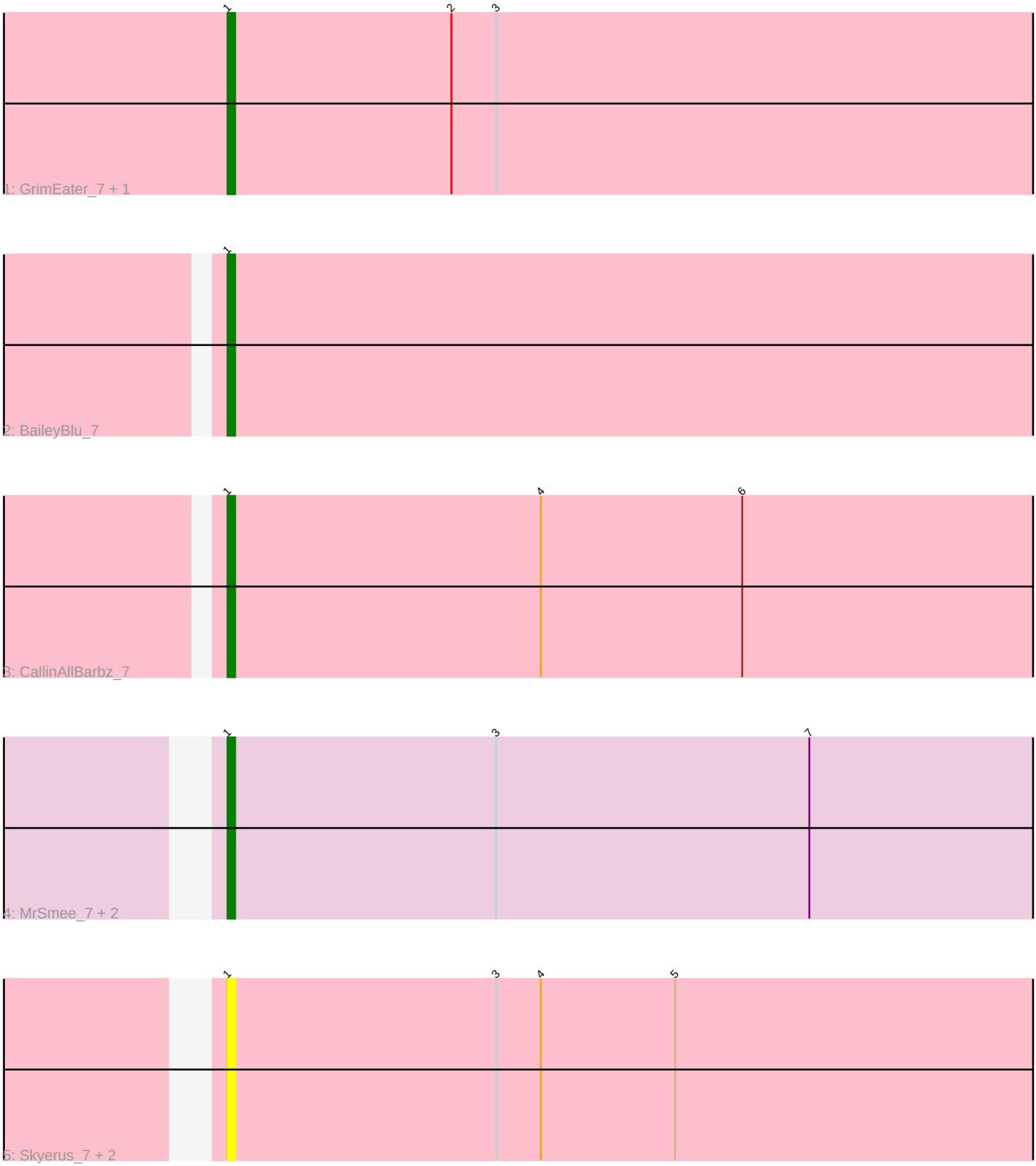
Pham 337338


1
2
3
1: GrimEater_7 + 1
1
2: BaileyBlu_7
1
4
6
3: CallinAllBarbz_7
1
3
7
4: MrSmee_7 + 2
1
3
4
5
5: Skyerus_7 + 2

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 337338 Report

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

Pham number 337338 has 10 members, 4 are drafts.

Phages represented in each track:
• Track 1 : GrimEater_7, Jankie_7
• Track 2 : BaileyBlu_7
• Track 3 : CallinAllBarbz_7
• Track 4 : MrSmee_7, Skitty_7, Merpity_8
• Track 5 : Skyerus_7, Raya_7, Neroxid_7

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BaileyBlu_7, CallinAllBarbz_7, GrimEater_7, Jankie_7, Merpity_8, MrSmee_7, Neroxid_7, Raya_7, Skitty_7, Skyerus_7,

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 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BaileyBlu_7 (FP), CallinAllBarbz_7 (FP), GrimEater_7 (FP), Jankie_7 (FP), Merpity_8 (FQ1), MrSmee_7 (FQ1), Neroxid_7 (FQ2), Raya_7 (FQ2), Skitty_7 (FQ1), Skyerus_7 (FQ2),

Summary by clusters:

There are 3 clusters represented in this pham: FQ2, FP, FQ1,

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

Info for manual annotations of cluster FQ1:
•Start number 1 was manually annotated 2 times for cluster FQ1.

Gene Information:

Gene: BaileyBlu_7 Start: 5565, Stop: 5750, Start Num: 1
Candidate Starts for BaileyBlu_7:
(Start: 1 @5565 has 6 MA's),

Gene: CallinAllBarbz_7 Start: 5569, Stop: 5760, Start Num: 1
Candidate Starts for CallinAllBarbz_7:
(Start: 1 @5569 has 6 MA's), (4, 5611), (6, 5638),

Gene: GrimEater_7 Start: 5582, Stop: 5758, Start Num: 1
Candidate Starts for GrimEater_7:
(Start: 1 @5582 has 6 MA's), (2, 5612), (3, 5618),

Gene: Jankie_7 Start: 5581, Stop: 5757, Start Num: 1
Candidate Starts for Jankie_7:
(Start: 1 @5581 has 6 MA's), (2, 5611), (3, 5617),

Gene: Merpity_8 Start: 5294, Stop: 5431, Start Num: 1
Candidate Starts for Merpity_8:
(Start: 1 @5294 has 6 MA's), (3, 5330), (7, 5372),

Gene: MrSmee_7 Start: 5294, Stop: 5431, Start Num: 1
Candidate Starts for MrSmee_7:
(Start: 1 @5294 has 6 MA's), (3, 5330), (7, 5372),

Gene: Neroxid_7 Start: 5323, Stop: 5457, Start Num: 1
Candidate Starts for Neroxid_7:
(Start: 1 @5323 has 6 MA's), (3, 5359), (4, 5365), (5, 5383),

Gene: Raya_7 Start: 5323, Stop: 5457, Start Num: 1
Candidate Starts for Raya_7:
(Start: 1 @5323 has 6 MA's), (3, 5359), (4, 5365), (5, 5383),

Gene: Skitty_7 Start: 5294, Stop: 5431, Start Num: 1
Candidate Starts for Skitty_7:
(Start: 1 @5294 has 6 MA's), (3, 5330), (7, 5372),

Gene: Skyerus_7 Start: 5323, Stop: 5457, Start Num: 1
Candidate Starts for Skyerus_7:
(Start: 1 @5323 has 6 MA's), (3, 5359), (4, 5365), (5, 5383),