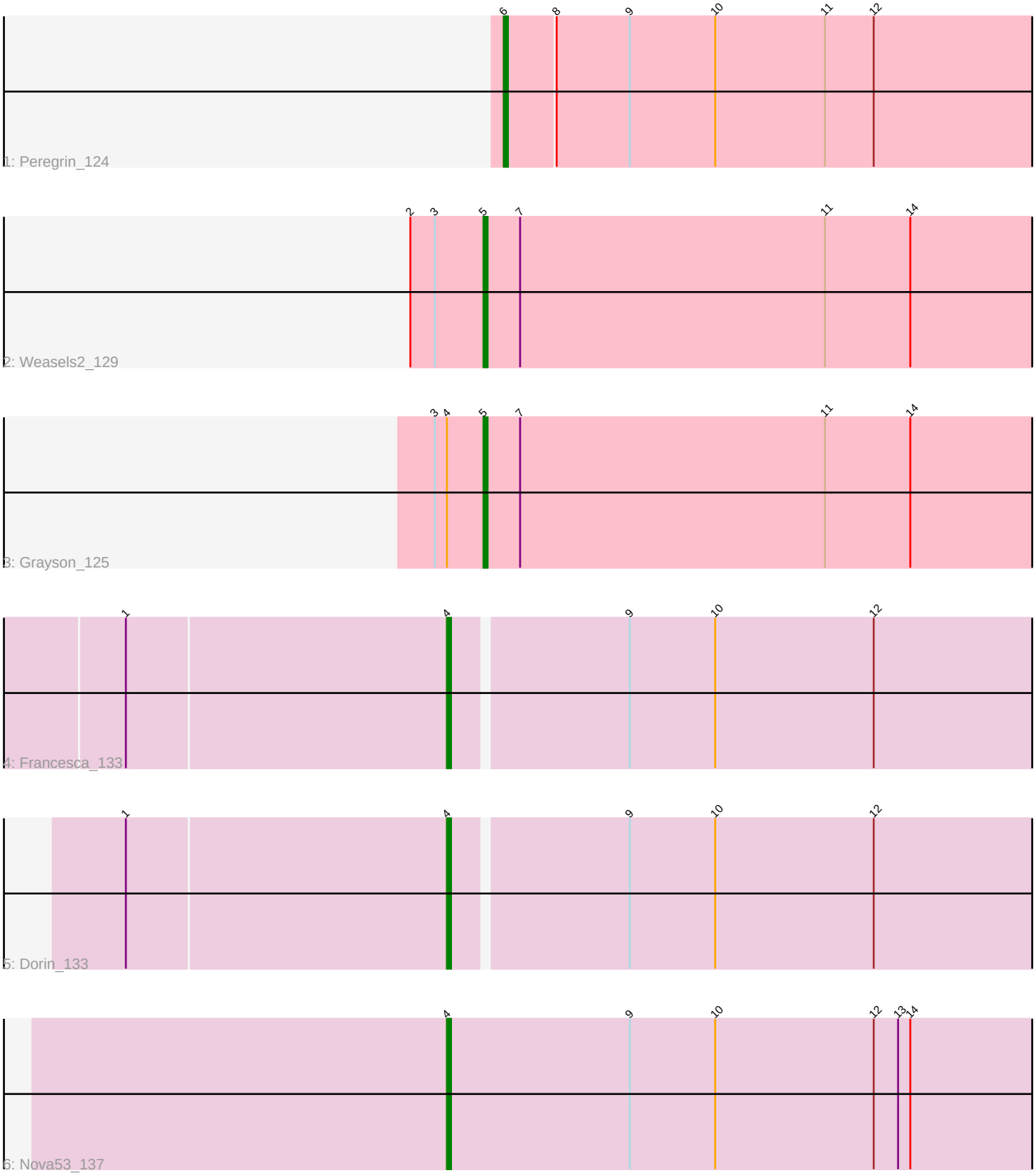
Pham 346580


6
8
9
10
11
12
1: Peregrin_124
2
3
5
7
11
14
2: Weasels2_129
3
4
5
7
11
14
3: Grayson_125
1
4
9
10
12
4: Francesca_133
1
4
9
10
12
5: Dorin_133
4
9
10
12
13
14
6: Nova53_137

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 346580 Report

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

Pham number 346580 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Peregrin_124
• Track 2 : Weasels2_129
• Track 3 : Grayson_125
• Track 4 : Francesca_133
• Track 5 : Dorin_133
• Track 6 : Nova53_137

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

The start number called the most often in the published annotations is 4, it was called in 3 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dorin_133, Francesca_133, Nova53_137,

Genes that have the "Most Annotated" start but do not call it:
• Grayson_125,

Genes that do not have the "Most Annotated" start:
• Peregrin_124, Weasels2_129,

Summary by start number:

Start 4:
• Found in 4 of 6 (66.7%) of genes in pham
• Manual Annotations of this start: 3 of 6
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Dorin_133 (CG), Francesca_133 (CG), Nova53_137 (CG),

Start 5:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Grayson_125 (CB), Weasels2_129 (CB),

Start 6:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Peregrin_124 (CB),

Summary by clusters:

There are 2 clusters represented in this pham: CB, CG,

Info for manual annotations of cluster CB:
•Start number 5 was manually annotated 2 times for cluster CB.
•Start number 6 was manually annotated 1 time for cluster CB.

Info for manual annotations of cluster CG:
•Start number 4 was manually annotated 3 times for cluster CG.

Gene Information:

Gene: Dorin_133 Start: 84037, Stop: 84222, Start Num: 4
Candidate Starts for Dorin_133:
(1, 83959), (Start: 4 @84037 has 3 MA's), (9, 84079), (10, 84100), (12, 84139),

Gene: Francesca_133 Start: 84718, Stop: 84903, Start Num: 4
Candidate Starts for Francesca_133:
(1, 84640), (Start: 4 @84718 has 3 MA's), (9, 84760), (10, 84781), (12, 84820),

Gene: Grayson_125 Start: 76536, Stop: 76700, Start Num: 5
Candidate Starts for Grayson_125:
(3, 76524), (Start: 4 @76527 has 3 MA's), (Start: 5 @76536 has 2 MA's), (7, 76545), (11, 76620), (14, 76641),

Gene: Nova53_137 Start: 85987, Stop: 86181, Start Num: 4
Candidate Starts for Nova53_137:
(Start: 4 @85987 has 3 MA's), (9, 86032), (10, 86053), (12, 86092), (13, 86098), (14, 86101),

Gene: Peregrin_124 Start: 76460, Stop: 76624, Start Num: 6
Candidate Starts for Peregrin_124:
(Start: 6 @76460 has 1 MA's), (8, 76472), (9, 76490), (10, 76511), (11, 76538), (12, 76550),

Gene: Weasels2_129 Start: 78254, Stop: 78418, Start Num: 5
Candidate Starts for Weasels2_129:
(2, 78236), (3, 78242), (Start: 5 @78254 has 2 MA's), (7, 78263), (11, 78338), (14, 78359),