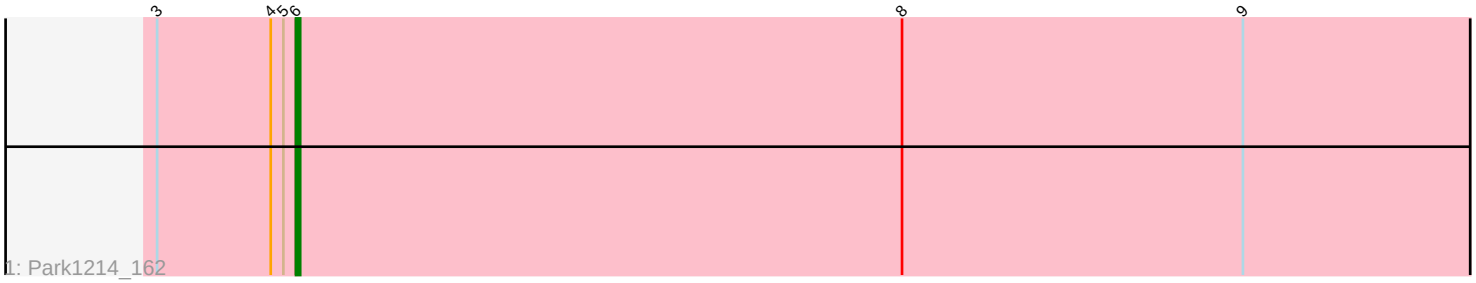
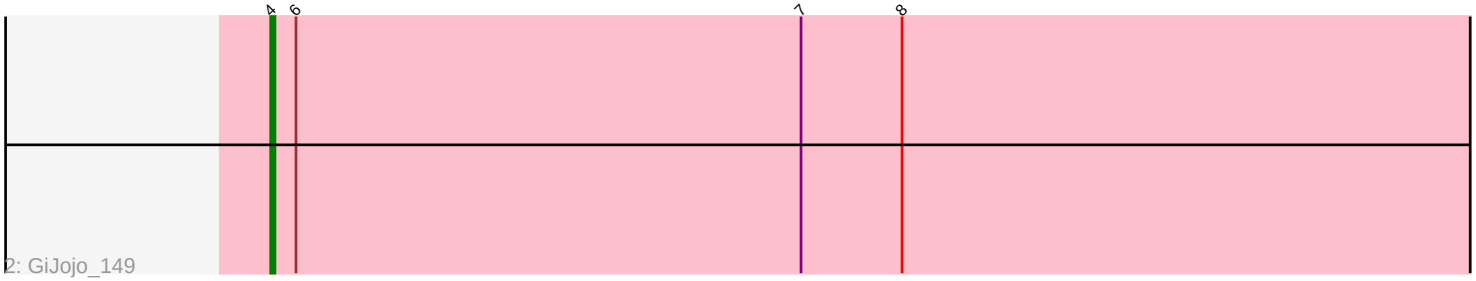
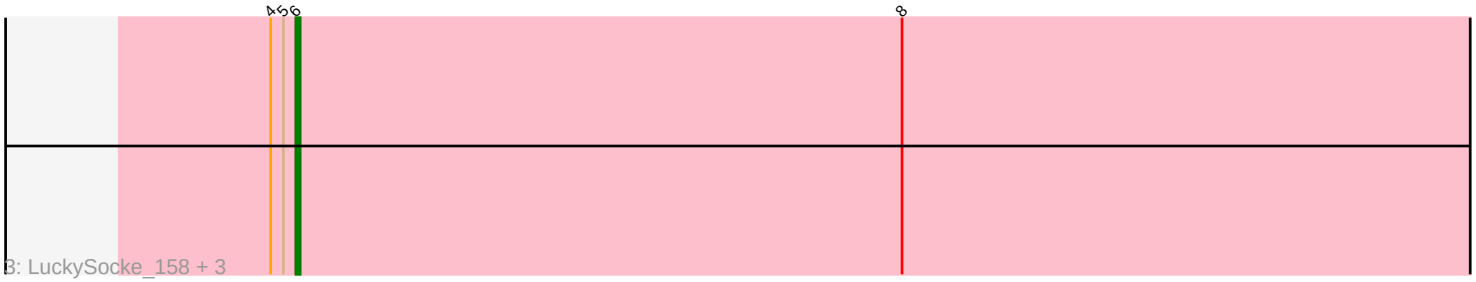
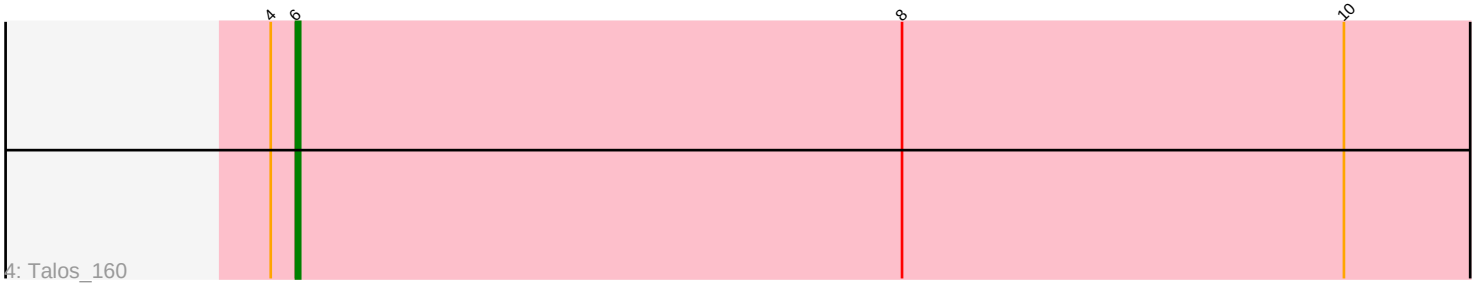
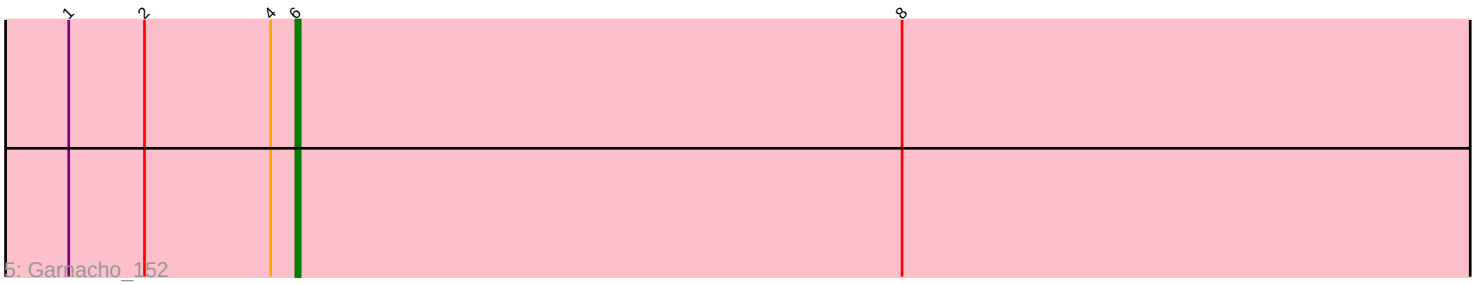
Pham 344713


3
4
5
6
8
9
1: Park1214_162


4
6
7
8
2: GiJojo_149


4
5
6
8
3: LuckySocke_158 + 3


4
6
8
10
4: Talos_160


1
2
4
6
8
5: Garnacho_152

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 344713 Report

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

Pham number 344713 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Park1214_162
• Track 2 : GiJojo_149
• Track 3 : LuckySocke_158, Beleetus_157, Fudan_156, Alone3_160
• Track 4 : Talos_160
• Track 5 : Garnacho_152

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

The start number called the most often in the published annotations is 6, it was called in 6 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alone3_160, Beleetus_157, Fudan_156, Garnacho_152, LuckySocke_158, Park1214_162, Talos_160,

Genes that have the "Most Annotated" start but do not call it:
• GiJojo_149,

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

Summary by start number:

Start 4:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 12.5% of time when present
• Phage (with cluster) where this start called: GiJojo_149 (BS),

Start 6:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 7
• Called 87.5% of time when present

• Phage (with cluster) where this start called: Alone3_160 (BS), Beleetus_157 (BS), Fudan_156 (BS), Garnacho_152 (BS), LuckySocke_158 (BS), Park1214_162 (BS), Talos_160 (BS),

Summary by clusters:

There is one cluster represented in this pham: BS

Info for manual annotations of cluster BS:
•Start number 4 was manually annotated 1 time for cluster BS.
•Start number 6 was manually annotated 6 times for cluster BS.

Gene Information:

Gene: Alone3_160 Start: 85330, Stop: 85683, Start Num: 6
Candidate Starts for Alone3_160:
(Start: 4 @85324 has 1 MA's), (5, 85327), (Start: 6 @85330 has 6 MA's), (8, 85474),

Gene: Beleetus_157 Start: 83771, Stop: 84124, Start Num: 6
Candidate Starts for Beleetus_157:
(Start: 4 @83765 has 1 MA's), (5, 83768), (Start: 6 @83771 has 6 MA's), (8, 83915),

Gene: Fudan_156 Start: 83886, Stop: 84239, Start Num: 6
Candidate Starts for Fudan_156:
(Start: 4 @83880 has 1 MA's), (5, 83883), (Start: 6 @83886 has 6 MA's), (8, 84030),

Gene: Garnacho_152 Start: 83857, Stop: 84210, Start Num: 6
Candidate Starts for Garnacho_152:
(1, 83803), (2, 83821), (Start: 4 @83851 has 1 MA's), (Start: 6 @83857 has 6 MA's), (8, 84001),

Gene: GiJojo_149 Start: 84676, Stop: 85041, Start Num: 4
Candidate Starts for GiJojo_149:
(Start: 4 @84676 has 1 MA's), (Start: 6 @84682 has 6 MA's), (7, 84802), (8, 84826),

Gene: LuckySocke_158 Start: 83835, Stop: 84188, Start Num: 6
Candidate Starts for LuckySocke_158:
(Start: 4 @83829 has 1 MA's), (5, 83832), (Start: 6 @83835 has 6 MA's), (8, 83979),

Gene: Park1214_162 Start: 85242, Stop: 85595, Start Num: 6
Candidate Starts for Park1214_162:
(3, 85209), (Start: 4 @85236 has 1 MA's), (5, 85239), (Start: 6 @85242 has 6 MA's), (8, 85386), (9, 85467),

Gene: Talos_160 Start: 83737, Stop: 84096, Start Num: 6
Candidate Starts for Talos_160:
(Start: 4 @83731 has 1 MA's), (Start: 6 @83737 has 6 MA's), (8, 83881), (10, 83986),