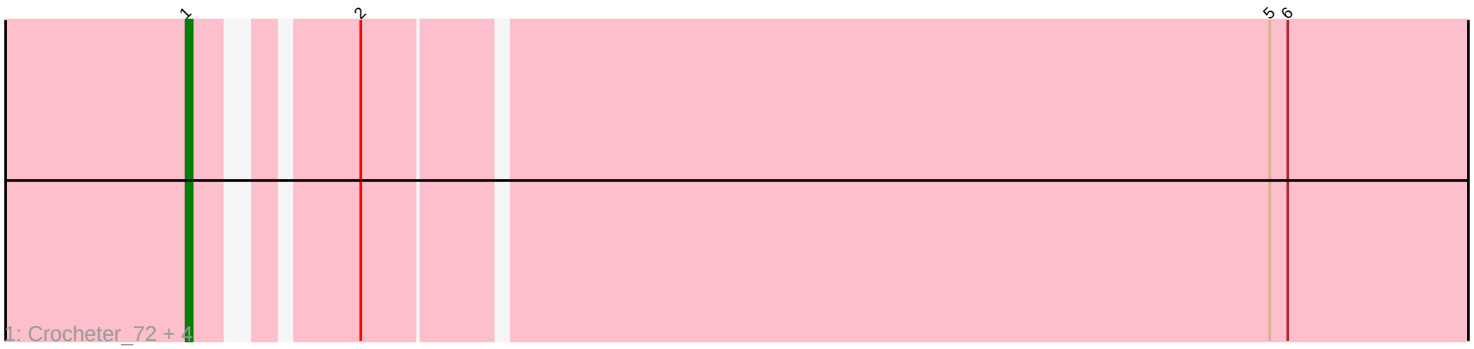
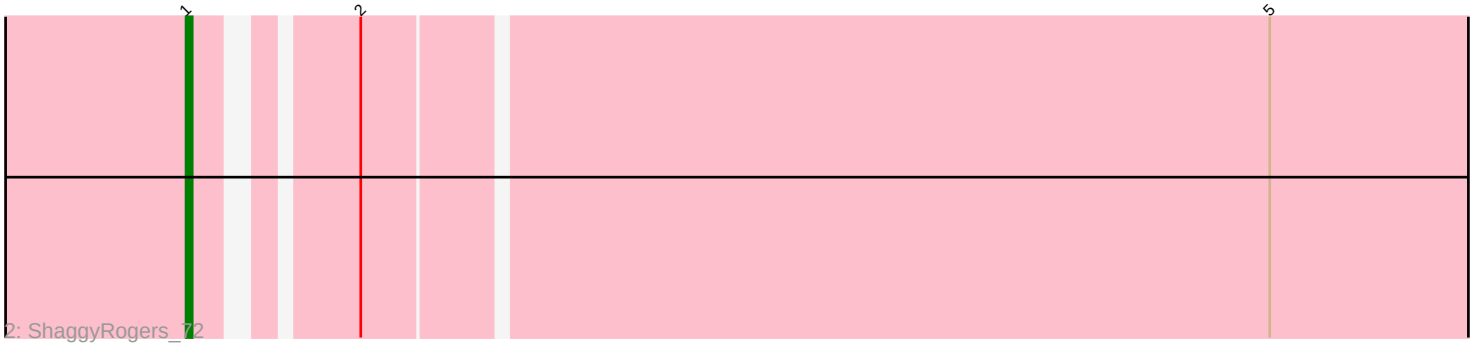
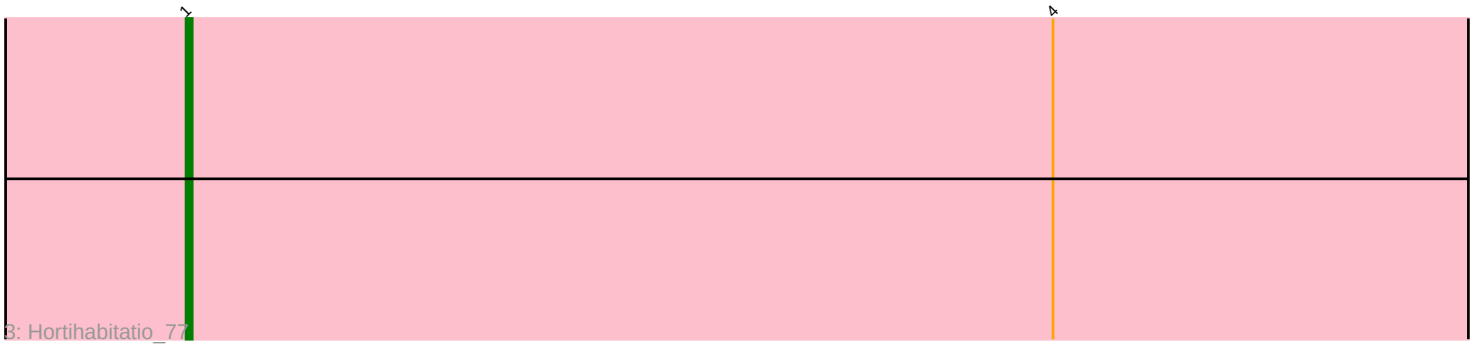
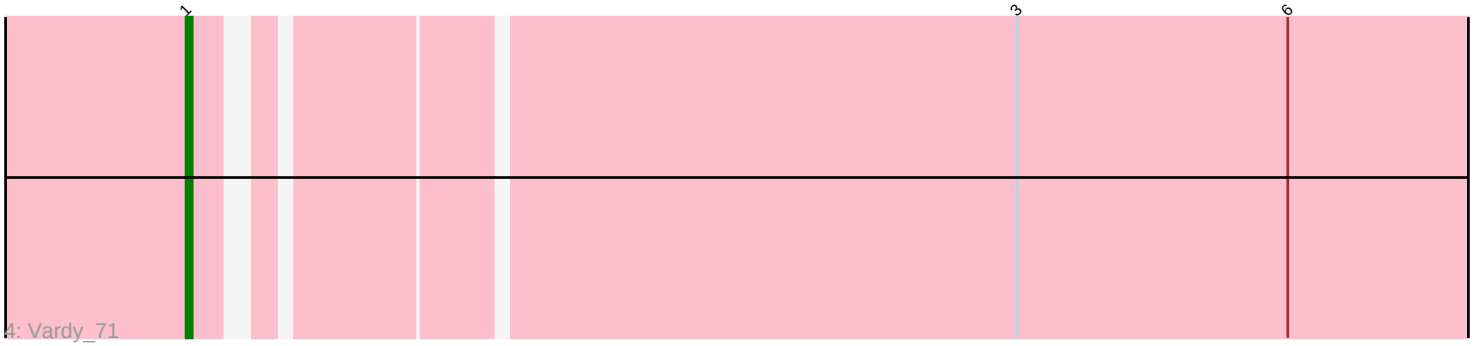
Pham 281207


1
2
5
6
1: Crocheter_72 + 4


1
2
5
2: ShaggyRogers_72


1
4
3: Hortihabitatio_77


1
3
6
4: Vardy_71

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 281207 Report

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

Pham number 281207 has 8 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Crocheter_72, Aloe25_75, Gusicorn_73, PestoPenguin_77, BetterYeti_72
• Track 2 : ShaggyRogers_72
• Track 3 : Hortihabitatio_77
• Track 4 : Vardy_71

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:
• Aloe25_75, BetterYeti_72, Crocheter_72, Gusicorn_73, Hortihabitatio_77, PestoPenguin_77, ShaggyRogers_72, Vardy_71,

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 8 of 8 (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: Aloe25_75 (DJ), BetterYeti_72 (DJ), Crocheter_72 (DJ), Gusicorn_73 (DJ), Hortihabitatio_77 (DJ), PestoPenguin_77 (DJ), ShaggyRogers_72 (DJ), Vardy_71 (DJ),

Summary by clusters:

There is one cluster represented in this pham: DJ

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

Gene Information:

Gene: Aloe25_75 Start: 50134, Stop: 50346, Start Num: 1
Candidate Starts for Aloe25_75:
(Start: 1 @50134 has 6 MA's), (2, 50155), (5, 50302), (6, 50305),

Gene: BetterYeti_72 Start: 50133, Stop: 50345, Start Num: 1
Candidate Starts for BetterYeti_72:
(Start: 1 @50133 has 6 MA's), (2, 50154), (5, 50301), (6, 50304),

Gene: Crocheter_72 Start: 50227, Stop: 50439, Start Num: 1
Candidate Starts for Crocheter_72:
(Start: 1 @50227 has 6 MA's), (2, 50248), (5, 50395), (6, 50398),

Gene: Gusicorn_73 Start: 50134, Stop: 50346, Start Num: 1
Candidate Starts for Gusicorn_73:
(Start: 1 @50134 has 6 MA's), (2, 50155), (5, 50302), (6, 50305),

Gene: Hortihabitatio_77 Start: 51514, Stop: 51747, Start Num: 1
Candidate Starts for Hortihabitatio_77:
(Start: 1 @51514 has 6 MA's), (4, 51658),

Gene: PestoPenguin_77 Start: 50134, Stop: 50346, Start Num: 1
Candidate Starts for PestoPenguin_77:
(Start: 1 @50134 has 6 MA's), (2, 50155), (5, 50302), (6, 50305),

Gene: ShaggyRogers_72 Start: 49868, Stop: 50080, Start Num: 1
Candidate Starts for ShaggyRogers_72:
(Start: 1 @49868 has 6 MA's), (2, 49889), (5, 50036),

Gene: Vardy_71 Start: 49774, Stop: 49986, Start Num: 1
Candidate Starts for Vardy_71:
(Start: 1 @49774 has 6 MA's), (3, 49900), (6, 49945),