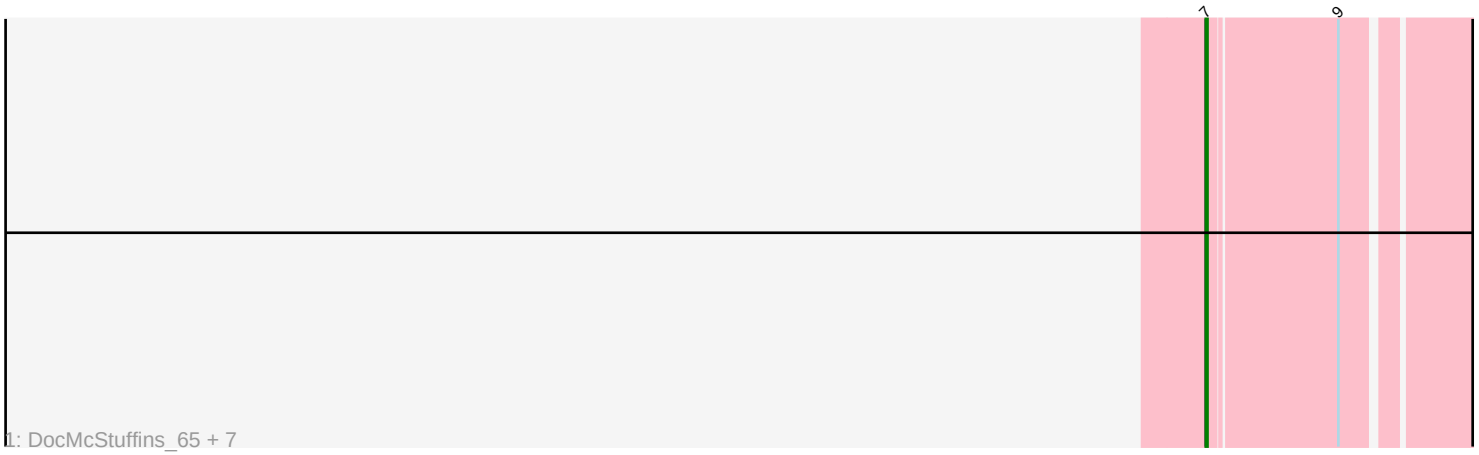
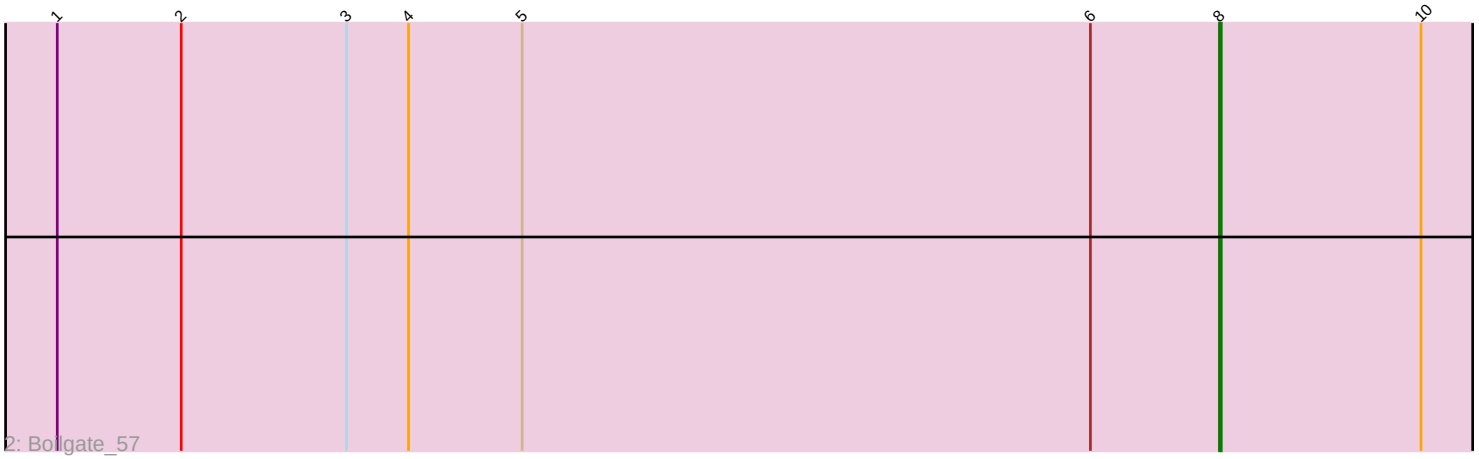
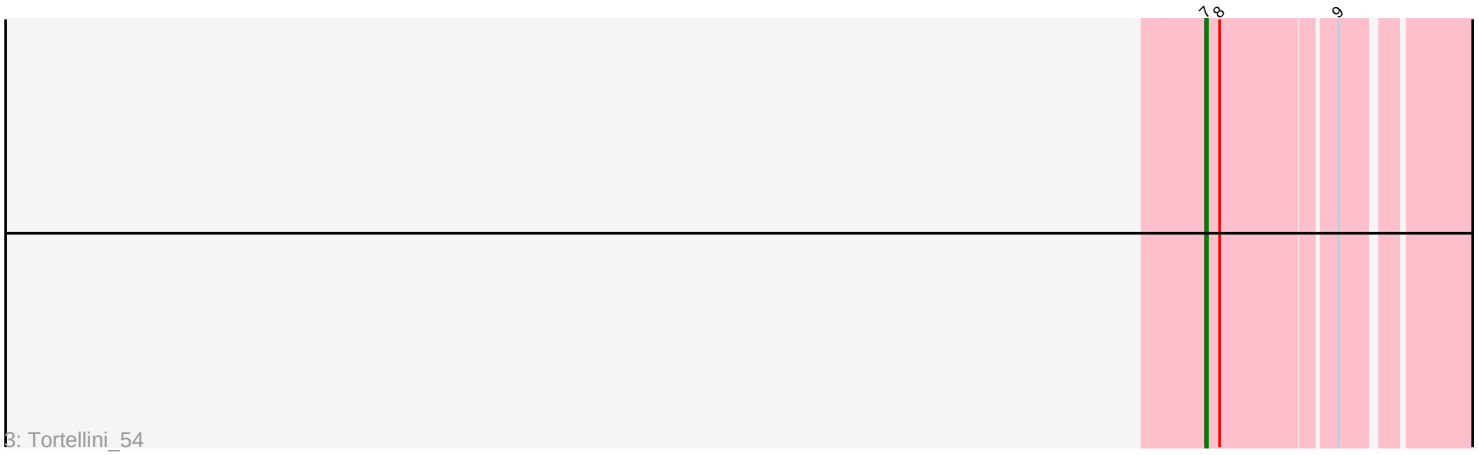
Pham 348268


7
9
1: DocMcStuffins_65 + 7


1
2
3
4
5
6
8
10
2: Bolgate_57


7
8
9
3: Tortellini_54

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 348268 Report

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

Pham number 348268 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : DocMcStuffins_65, Cubone_49, Piper2020_66, Aloeri_66, ChickenDinner_65, Awesomesauce_65, TootsiePop_63, Misha28_63
• Track 2 : Boilgate_57
• Track 3 : Tortellini_54

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

The start number called the most often in the published annotations is 7, it was called in 9 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aloeri_66, Awesomesauce_65, ChickenDinner_65, Cubone_49, DocMcStuffins_65, Misha28_63, Piper2020_66, TootsiePop_63, Tortellini_54,

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

Genes that do not have the "Most Annotated" start:
• Boilgate_57,

Summary by start number:

Start 7:
• Found in 9 of 10 (90.0%) of genes in pham
• Manual Annotations of this start: 9 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aloeri_66 (F1), Awesomesauce_65 (F1), ChickenDinner_65 (F1), Cubone_49 (N), DocMcStuffins_65 (F1), Misha28_63 (F1), Piper2020_66 (F1), TootsiePop_63 (F1), Tortellini_54 (P2),

Start 8:
• Found in 2 of 10 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 50.0% of time when present

• Phage (with cluster) where this start called: Boilgate_57 (K8),

Summary by clusters:

There are 4 clusters represented in this pham: P2, F1, K8, N,

Info for manual annotations of cluster F1:
•Start number 7 was manually annotated 7 times for cluster F1.

Info for manual annotations of cluster K8:
•Start number 8 was manually annotated 1 time for cluster K8.

Info for manual annotations of cluster N:
•Start number 7 was manually annotated 1 time for cluster N.

Info for manual annotations of cluster P2:
•Start number 7 was manually annotated 1 time for cluster P2.

Gene Information:

Gene: Aloeri_66 Start: 40882, Stop: 41046, Start Num: 7
Candidate Starts for Aloeri_66:
(Start: 7 @40882 has 9 MA's), (9, 40954),

Gene: Awesomesauce_65 Start: 39965, Stop: 40129, Start Num: 7
Candidate Starts for Awesomesauce_65:
(Start: 7 @39965 has 9 MA's), (9, 40037),

Gene: Boilgate_57 Start: 41471, Stop: 41644, Start Num: 8
Candidate Starts for Boilgate_57:
(1, 40796), (2, 40868), (3, 40964), (4, 41000), (5, 41066), (6, 41396), (Start: 8 @41471 has 1 MA's), (10, 41588),

Gene: ChickenDinner_65 Start: 40882, Stop: 41046, Start Num: 7
Candidate Starts for ChickenDinner_65:
(Start: 7 @40882 has 9 MA's), (9, 40954),

Gene: Cubone_49 Start: 31674, Stop: 31838, Start Num: 7
Candidate Starts for Cubone_49:
(Start: 7 @31674 has 9 MA's), (9, 31746),

Gene: DocMcStuffins_65 Start: 40882, Stop: 41046, Start Num: 7
Candidate Starts for DocMcStuffins_65:
(Start: 7 @40882 has 9 MA's), (9, 40954),

Gene: Misha28_63 Start: 39970, Stop: 40134, Start Num: 7
Candidate Starts for Misha28_63:
(Start: 7 @39970 has 9 MA's), (9, 40042),

Gene: Piper2020_66 Start: 40865, Stop: 41029, Start Num: 7
Candidate Starts for Piper2020_66:

(Start: 7 @40865 has 9 MA's), (9, 40937),

Gene: TootsiePop_63 Start: 39970, Stop: 40134, Start Num: 7
Candidate Starts for TootsiePop_63:
(Start: 7 @39970 has 9 MA's), (9, 40042),

Gene: Tortellini_54 Start: 38946, Stop: 39107, Start Num: 7
Candidate Starts for Tortellini_54:
(Start: 7 @38946 has 9 MA's), (Start: 8 @38952 has 1 MA's), (9, 39015),