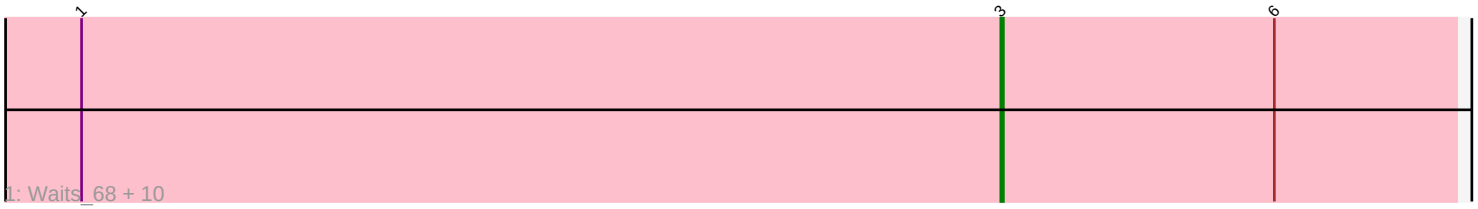
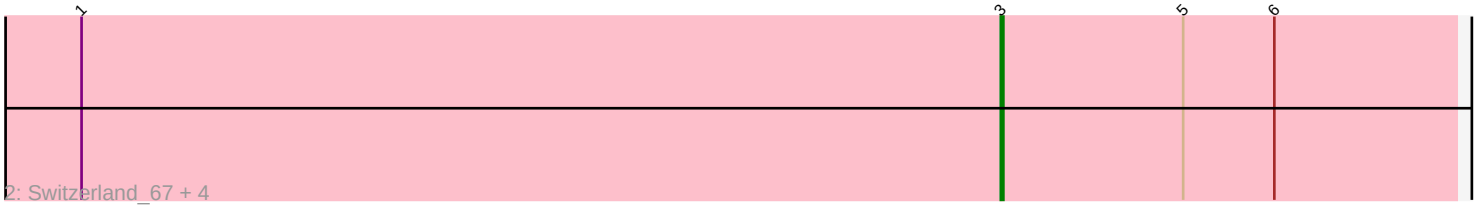
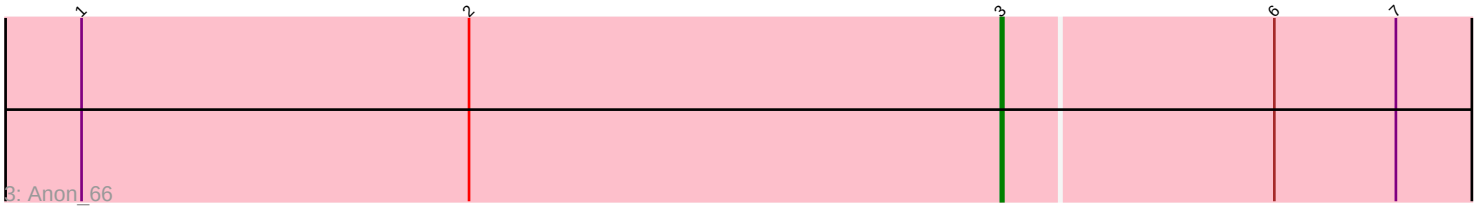
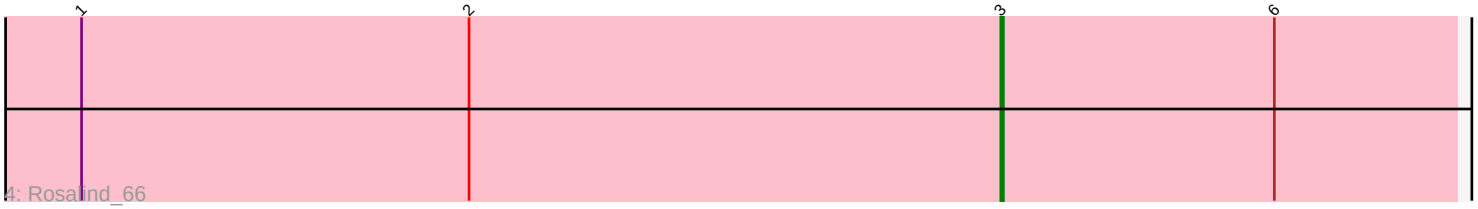
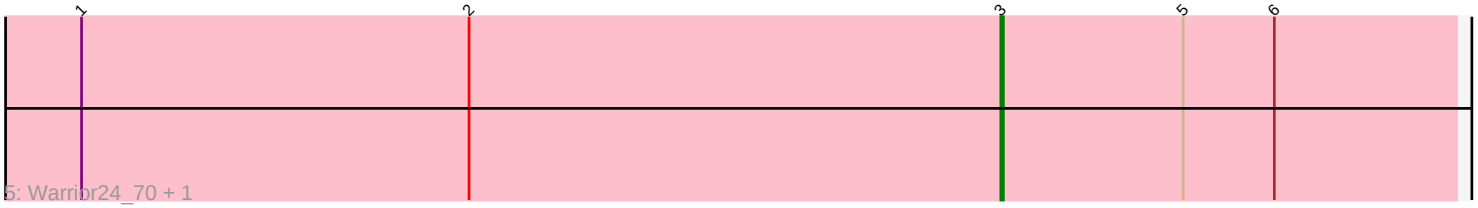
Pham 346110

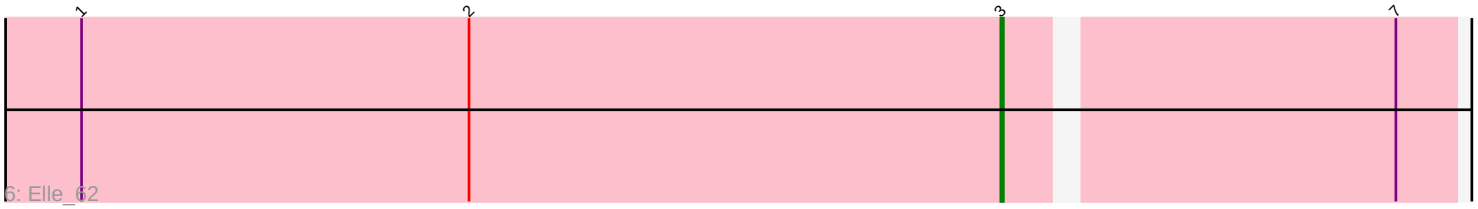

1
3
6
1: Waits_68 + 10

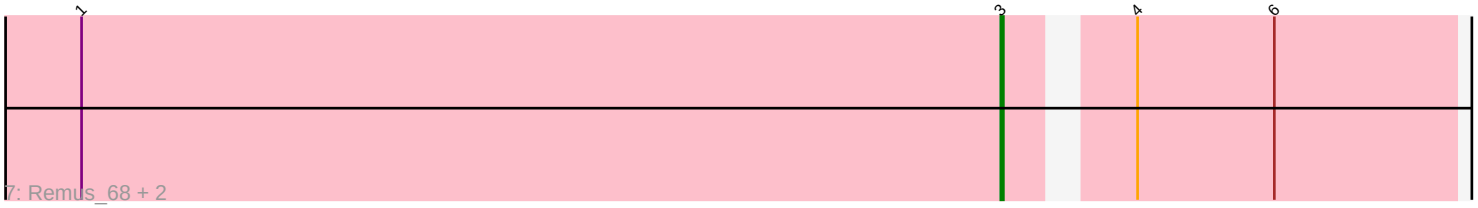

1
3
5
6
2: Switzerland_67 + 4


1
2
3
6
7
3: Anon_66


1
2
3
6
4: Rosalind_66


1
2
3
5
6
5: Warrior24_70 + 1


1
2
3
7
6: Elle_62


1
3
4
6
7: Remus_68 + 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 346110 Report

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

Pham number 346110 has 24 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Waits_68, Boohoo_68, Battleship_70, Anaysia_68, MinecraftSteve_68, LastResort_66, JSwag_67, Epsocamisio_65, ReMo_66, Looper_67, Nebulosus_66
• Track 2 : Switzerland_67, Soups_68, DekHockey33_69, ShayRa_68, KatherineG_68
• Track 3 : Anon_66
• Track 4 : Rosalind_66
• Track 5 : Warrior24_70, Oofda_69
• Track 6 : Elle_62
• Track 7 : Remus_68, Strosahl_68, Ravana_69

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

The start number called the most often in the published annotations is 3, it was called in 24 of the 24 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_68, Anon_66, Battleship_70, Boohoo_68, DekHockey33_69, Elle_62, Epsocamisio_65, JSwag_67, KatherineG_68, LastResort_66, Looper_67, MinecraftSteve_68, Nebulosus_66, Oofda_69, Ravana_69, ReMo_66, Remus_68, Rosalind_66, ShayRa_68, Soups_68, Strosahl_68, Switzerland_67, Waits_68, Warrior24_70,

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 3:
• Found in 24 of 24 (100.0%) of genes in pham
• Manual Annotations of this start: 24 of 24
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Anaysia_68 (A15), Anon_66 (A15), Battleship_70 (A15), Boohoo_68 (A15), DekHockey33_69 (A15), Elle_62 (A15), Epsocamisio_65 (A15), JSwag_67 (A15), KatherineG_68 (A15), LastResort_66 (A15), Looper_67 (A15), MinecraftSteve_68 (A15), Nebulosus_66 (A15), Oofda_69 (A15), Ravana_69 (A15), ReMo_66 (A15), Remus_68 (A15), Rosalind_66 (A15), ShayRa_68 (A15), Soups_68 (A15), Strosahl_68 (A15), Switzerland_67 (A15), Waits_68 (A15), Warrior24_70 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:
•Start number 3 was manually annotated 24 times for cluster A15.

Gene Information:

Gene: Anaysia_68 Start: 38921, Stop: 38742, Start Num: 3
Candidate Starts for Anaysia_68:
(1, 39284), (Start: 3 @38921 has 24 MA's), (6, 38813),

Gene: Anon_66 Start: 38696, Stop: 38508, Start Num: 3
Candidate Starts for Anon_66:
(1, 39059), (2, 38906), (Start: 3 @38696 has 24 MA's), (6, 38591), (7, 38543),

Gene: Battleship_70 Start: 39127, Stop: 38948, Start Num: 3
Candidate Starts for Battleship_70:
(1, 39490), (Start: 3 @39127 has 24 MA's), (6, 39019),

Gene: Boohoo_68 Start: 38921, Stop: 38742, Start Num: 3
Candidate Starts for Boohoo_68:
(1, 39284), (Start: 3 @38921 has 24 MA's), (6, 38813),

Gene: DekHockey33_69 Start: 39213, Stop: 39034, Start Num: 3
Candidate Starts for DekHockey33_69:
(1, 39576), (Start: 3 @39213 has 24 MA's), (5, 39141), (6, 39105),

Gene: Elle_62 Start: 37281, Stop: 37114, Start Num: 3
Candidate Starts for Elle_62:
(1, 37644), (2, 37491), (Start: 3 @37281 has 24 MA's), (7, 37137),

Gene: Epsocamisio_65 Start: 38456, Stop: 38277, Start Num: 3
Candidate Starts for Epsocamisio_65:
(1, 38819), (Start: 3 @38456 has 24 MA's), (6, 38348),

Gene: JSwag_67 Start: 38645, Stop: 38466, Start Num: 3
Candidate Starts for JSwag_67:
(1, 39008), (Start: 3 @38645 has 24 MA's), (6, 38537),

Gene: KatherineG_68 Start: 39118, Stop: 38939, Start Num: 3
Candidate Starts for KatherineG_68:

(1, 39481), (Start: 3 @39118 has 24 MA's), (5, 39046), (6, 39010),

Gene: LastResort_66 Start: 38697, Stop: 38518, Start Num: 3
Candidate Starts for LastResort_66:
(1, 39060), (Start: 3 @38697 has 24 MA's), (6, 38589),

Gene: Looper_67 Start: 38609, Stop: 38430, Start Num: 3
Candidate Starts for Looper_67:
(1, 38972), (Start: 3 @38609 has 24 MA's), (6, 38501),

Gene: MinecraftSteve_68 Start: 38933, Stop: 38754, Start Num: 3
Candidate Starts for MinecraftSteve_68:
(1, 39296), (Start: 3 @38933 has 24 MA's), (6, 38825),

Gene: Nebulosus_66 Start: 38693, Stop: 38514, Start Num: 3
Candidate Starts for Nebulosus_66:
(1, 39056), (Start: 3 @38693 has 24 MA's), (6, 38585),

Gene: Oofda_69 Start: 38896, Stop: 38717, Start Num: 3
Candidate Starts for Oofda_69:
(1, 39259), (2, 39106), (Start: 3 @38896 has 24 MA's), (5, 38824), (6, 38788),

Gene: Ravana_69 Start: 40006, Stop: 39842, Start Num: 3
Candidate Starts for Ravana_69:
(1, 40369), (Start: 3 @40006 has 24 MA's), (4, 39967), (6, 39913),

Gene: ReMo_66 Start: 38694, Stop: 38515, Start Num: 3
Candidate Starts for ReMo_66:
(1, 39057), (Start: 3 @38694 has 24 MA's), (6, 38586),

Gene: Remus_68 Start: 38685, Stop: 38521, Start Num: 3
Candidate Starts for Remus_68:
(1, 39048), (Start: 3 @38685 has 24 MA's), (4, 38646), (6, 38592),

Gene: Rosalind_66 Start: 38852, Stop: 38673, Start Num: 3
Candidate Starts for Rosalind_66:
(1, 39215), (2, 39062), (Start: 3 @38852 has 24 MA's), (6, 38744),

Gene: ShayRa_68 Start: 38881, Stop: 38702, Start Num: 3
Candidate Starts for ShayRa_68:
(1, 39244), (Start: 3 @38881 has 24 MA's), (5, 38809), (6, 38773),

Gene: Soups_68 Start: 39144, Stop: 38965, Start Num: 3
Candidate Starts for Soups_68:
(1, 39507), (Start: 3 @39144 has 24 MA's), (5, 39072), (6, 39036),

Gene: Strosahl_68 Start: 38685, Stop: 38521, Start Num: 3
Candidate Starts for Strosahl_68:
(1, 39048), (Start: 3 @38685 has 24 MA's), (4, 38646), (6, 38592),

Gene: Switzerland_67 Start: 39020, Stop: 38841, Start Num: 3
Candidate Starts for Switzerland_67:
(1, 39383), (Start: 3 @39020 has 24 MA's), (5, 38948), (6, 38912),

Gene: Waits_68 Start: 38917, Stop: 38738, Start Num: 3
Candidate Starts for Waits_68:
(1, 39280), (Start: 3 @38917 has 24 MA's), (6, 38809),

Gene: Warrior24_70 Start: 39351, Stop: 39172, Start Num: 3
Candidate Starts for Warrior24_70:
(1, 39714), (2, 39561), (Start: 3 @39351 has 24 MA's), (5, 39279), (6, 39243),