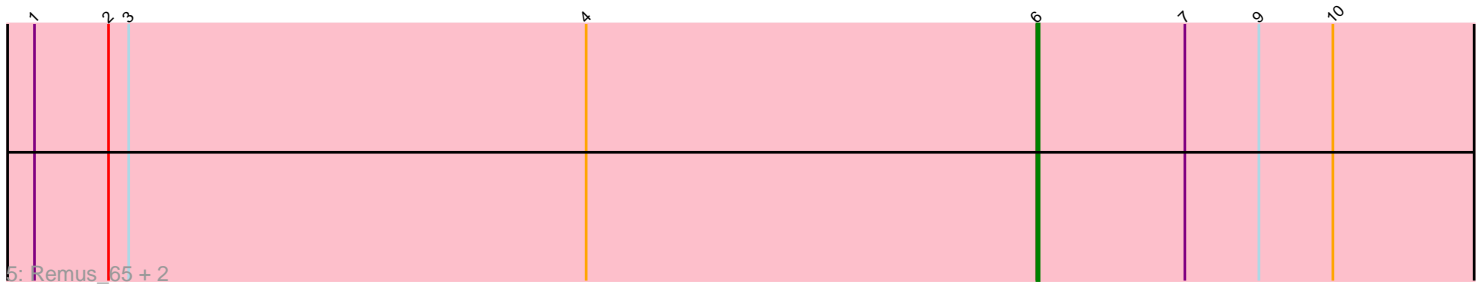
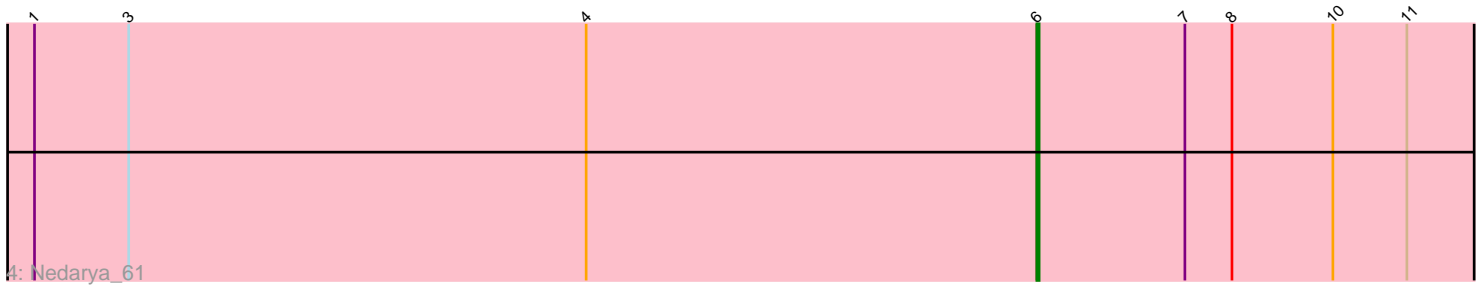
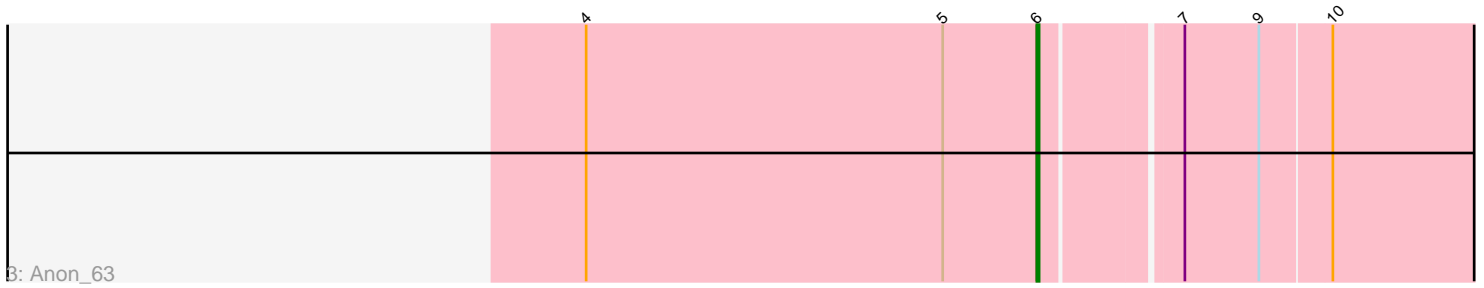
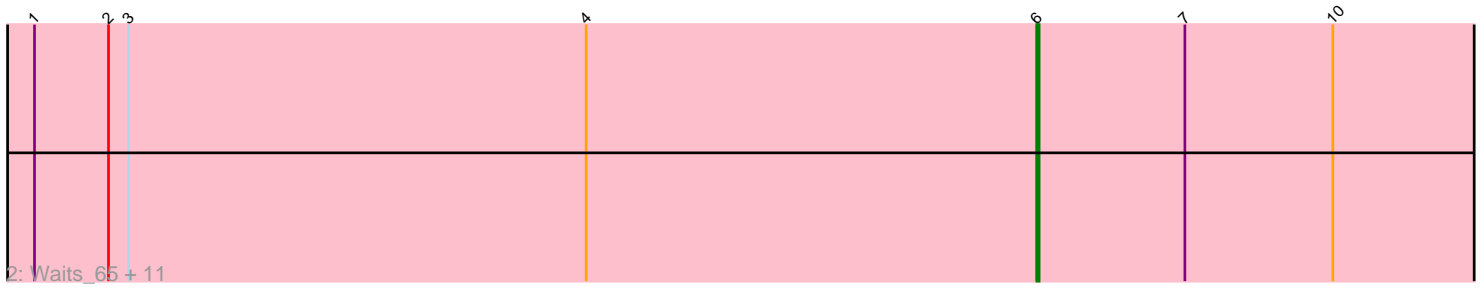
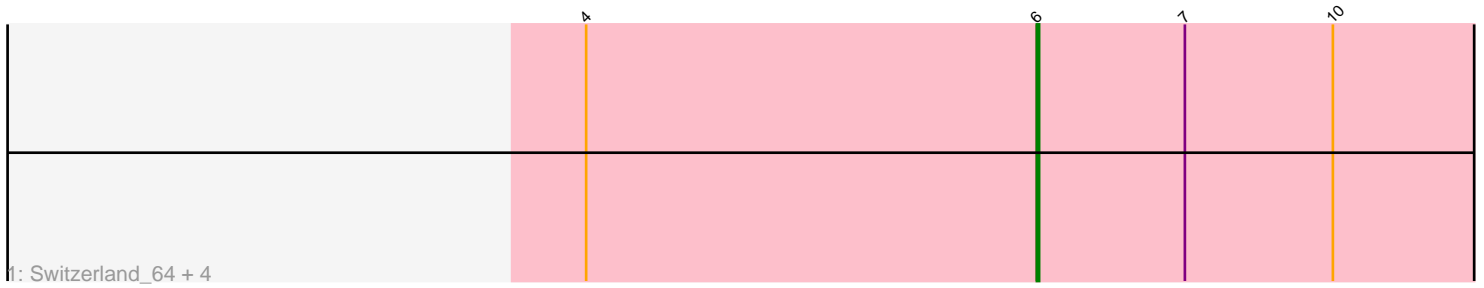


Pham 3739



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 3739 Report

This analysis was run 07/09/24 on database version 566.

Pham number 3739 has 22 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Switzerland_64, Soups_65, DekHockey33_66, Battleship_67, ShayRa_65
- Track 2 : Waits_65, MinecraftSteve_65, Epsocamisio_62, KatherineG_65, Rosalind_63, Anaysia_65, Boohoo_65, LastResort_63, ReMo_63, JSwag_64, Nebulosus_63, Looper_64
- Track 3 : Anon_63
- Track 4 : Nedarya_61
- Track 5 : Remus_65, Oofda_66, Strosahl_65

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 21 of the 21 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Anaysia_65, Anon_63, Battleship_67, Boohoo_65, DekHockey33_66, Epsocamisio_62, JSwag_64, KatherineG_65, LastResort_63, Looper_64, MinecraftSteve_65, Nebulosus_63, Nedarya_61, Oofda_66, ReMo_63, Remus_65, Rosalind_63, ShayRa_65, Soups_65, Strosahl_65, Switzerland_64, Waits_65,

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 6:

- Found in 22 of 22 (100.0%) of genes in pham
- Manual Annotations of this start: 21 of 21
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anaysia_65 (A15), Anon_63 (A15), Battleship_67 (A15), Boohoo_65 (A15), DekHockey33_66 (A15), Epsocamisio_62 (A15), JSwag_64 (A15), KatherineG_65 (A15), LastResort_63 (A15), Looper_64

(A15), MinecraftSteve_65 (A15), Nebulosus_63 (A15), Nedarya_61 (A15), Oofda_66 (A15), ReMo_63 (A15), Remus_65 (A15), Rosalind_63 (A15), ShayRa_65 (A15), Soups_65 (A15), Strosahl_65 (A15), Switzerland_64 (A15), Waits_65 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:

- Start number 6 was manually annotated 21 times for cluster A15.

Gene Information:

Gene: Anaysia_65 Start: 37876, Stop: 37664, Start Num: 6

Candidate Starts for Anaysia_65:

(1, 38323), (2, 38290), (3, 38281), (4, 38077), (Start: 6 @37876 has 21 MA's), (7, 37810), (10, 37744),

Gene: Anon_63 Start: 37640, Stop: 37440, Start Num: 6

Candidate Starts for Anon_63:

(4, 37841), (5, 37682), (Start: 6 @37640 has 21 MA's), (7, 37583), (9, 37550), (10, 37520),

Gene: Battleship_67 Start: 38082, Stop: 37870, Start Num: 6

Candidate Starts for Battleship_67:

(4, 38283), (Start: 6 @38082 has 21 MA's), (7, 38016), (10, 37950),

Gene: Boohoo_65 Start: 37876, Stop: 37664, Start Num: 6

Candidate Starts for Boohoo_65:

(1, 38323), (2, 38290), (3, 38281), (4, 38077), (Start: 6 @37876 has 21 MA's), (7, 37810), (10, 37744),

Gene: DekHockey33_66 Start: 38168, Stop: 37956, Start Num: 6

Candidate Starts for DekHockey33_66:

(4, 38369), (Start: 6 @38168 has 21 MA's), (7, 38102), (10, 38036),

Gene: Epsocamisio_62 Start: 37411, Stop: 37199, Start Num: 6

Candidate Starts for Epsocamisio_62:

(1, 37858), (2, 37825), (3, 37816), (4, 37612), (Start: 6 @37411 has 21 MA's), (7, 37345), (10, 37279),

Gene: JSwag_64 Start: 37600, Stop: 37388, Start Num: 6

Candidate Starts for JSwag_64:

(1, 38047), (2, 38014), (3, 38005), (4, 37801), (Start: 6 @37600 has 21 MA's), (7, 37534), (10, 37468),

Gene: KatherineG_65 Start: 38073, Stop: 37861, Start Num: 6

Candidate Starts for KatherineG_65:

(1, 38520), (2, 38487), (3, 38478), (4, 38274), (Start: 6 @38073 has 21 MA's), (7, 38007), (10, 37941),

Gene: LastResort_63 Start: 37652, Stop: 37440, Start Num: 6

Candidate Starts for LastResort_63:

(1, 38099), (2, 38066), (3, 38057), (4, 37853), (Start: 6 @37652 has 21 MA's), (7, 37586), (10, 37520),

Gene: Looper_64 Start: 37564, Stop: 37352, Start Num: 6

Candidate Starts for Looper_64:

(1, 38011), (2, 37978), (3, 37969), (4, 37765), (Start: 6 @37564 has 21 MA's), (7, 37498), (10, 37432),

Gene: MinecraftSteve_65 Start: 37888, Stop: 37676, Start Num: 6

Candidate Starts for MinecraftSteve_65:

(1, 38335), (2, 38302), (3, 38293), (4, 38089), (Start: 6 @37888 has 21 MA's), (7, 37822), (10, 37756),

Gene: Nebulosus_63 Start: 37648, Stop: 37436, Start Num: 6

Candidate Starts for Nebulosus_63:

(1, 38095), (2, 38062), (3, 38053), (4, 37849), (Start: 6 @37648 has 21 MA's), (7, 37582), (10, 37516),

Gene: Nedarya_61 Start: 37631, Stop: 37419, Start Num: 6

Candidate Starts for Nedarya_61:

(1, 38078), (3, 38036), (4, 37832), (Start: 6 @37631 has 21 MA's), (7, 37565), (8, 37544), (10, 37499), (11, 37466),

Gene: Oofda_66 Start: 37851, Stop: 37639, Start Num: 6

Candidate Starts for Oofda_66:

(1, 38298), (2, 38265), (3, 38256), (4, 38052), (Start: 6 @37851 has 21 MA's), (7, 37785), (9, 37752), (10, 37719),

Gene: ReMo_63 Start: 37649, Stop: 37437, Start Num: 6

Candidate Starts for ReMo_63:

(1, 38096), (2, 38063), (3, 38054), (4, 37850), (Start: 6 @37649 has 21 MA's), (7, 37583), (10, 37517),

Gene: Remus_65 Start: 37655, Stop: 37443, Start Num: 6

Candidate Starts for Remus_65:

(1, 38102), (2, 38069), (3, 38060), (4, 37856), (Start: 6 @37655 has 21 MA's), (7, 37589), (9, 37556), (10, 37523),

Gene: Rosalind_63 Start: 37807, Stop: 37595, Start Num: 6

Candidate Starts for Rosalind_63:

(1, 38254), (2, 38221), (3, 38212), (4, 38008), (Start: 6 @37807 has 21 MA's), (7, 37741), (10, 37675),

Gene: ShayRa_65 Start: 37836, Stop: 37624, Start Num: 6

Candidate Starts for ShayRa_65:

(4, 38037), (Start: 6 @37836 has 21 MA's), (7, 37770), (10, 37704),

Gene: Soups_65 Start: 38099, Stop: 37887, Start Num: 6

Candidate Starts for Soups_65:

(4, 38300), (Start: 6 @38099 has 21 MA's), (7, 38033), (10, 37967),

Gene: Strosahl_65 Start: 37655, Stop: 37443, Start Num: 6

Candidate Starts for Strosahl_65:

(1, 38102), (2, 38069), (3, 38060), (4, 37856), (Start: 6 @37655 has 21 MA's), (7, 37589), (9, 37556), (10, 37523),

Gene: Switzerland_64 Start: 37975, Stop: 37763, Start Num: 6

Candidate Starts for Switzerland_64:

(4, 38176), (Start: 6 @37975 has 21 MA's), (7, 37909), (10, 37843),

Gene: Waits_65 Start: 37872, Stop: 37660, Start Num: 6

Candidate Starts for Waits_65:

(1, 38319), (2, 38286), (3, 38277), (4, 38073), (Start: 6 @37872 has 21 MA's), (7, 37806), (10, 37740),

