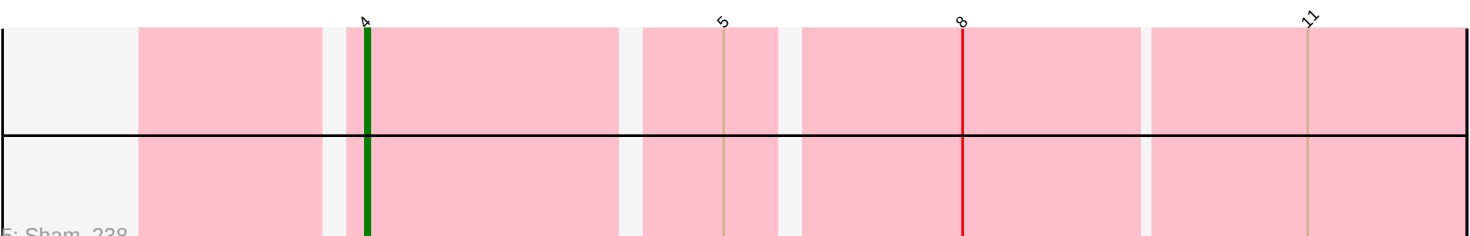
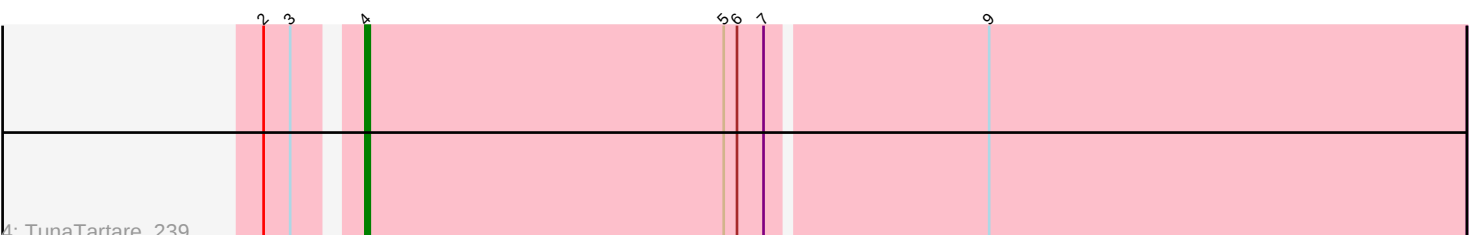
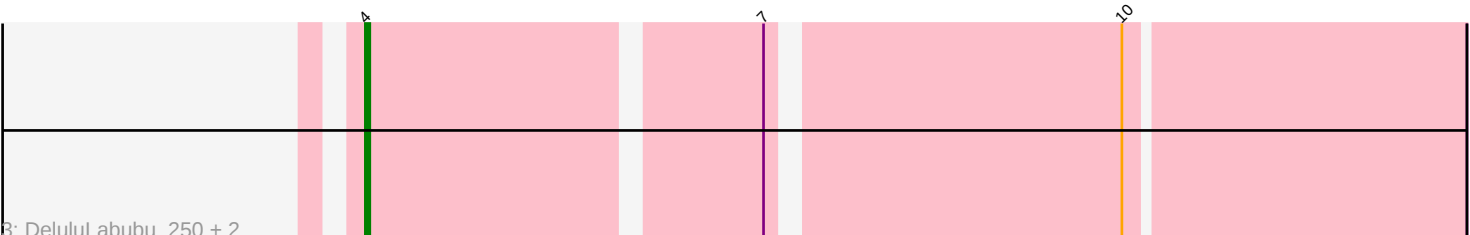
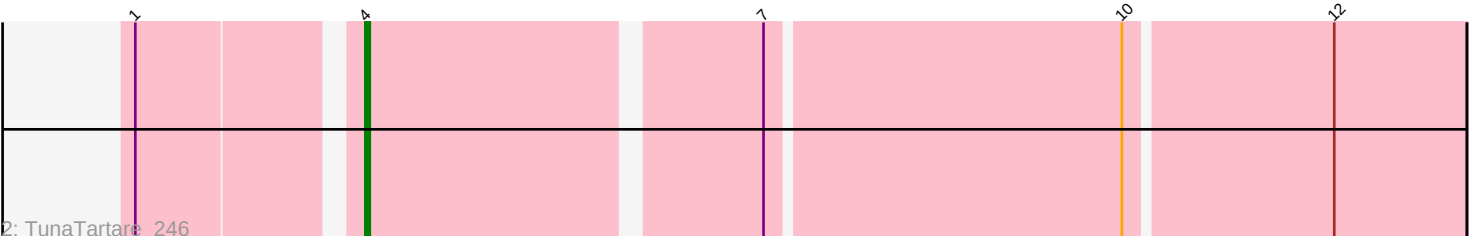
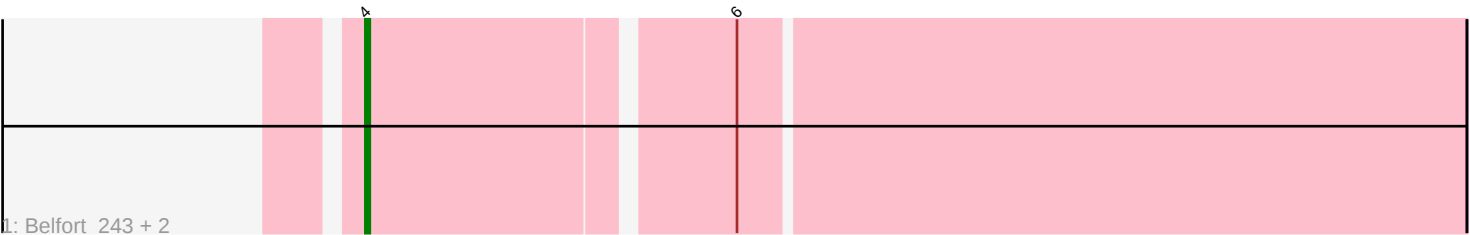


Pham 309741



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 309741 Report

This analysis was run 09/05/26 on database version 662.

Pham number 309741 has 10 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Belfort_243, Karp_242, SparkleGoddess_244
- Track 2 : TunaTartare_246
- Track 3 : DeluluLabubu_250, Jada_248, Forrest_248
- Track 4 : TunaTartare_239
- Track 5 : Sham_238
- Track 6 : Muntaha_217

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

The start number called the most often in the published annotations is 4, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Belfort_243, DeluluLabubu_250, Forrest_248, Jada_248, Karp_242, Muntaha_217, Sham_238, SparkleGoddess_244, TunaTartare_239, TunaTartare_246,

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 4:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Belfort_243 (BK1), DeluluLabubu_250 (BK1), Forrest_248 (BK1), Jada_248 (BK1), Karp_242 (BK1), Muntaha_217 (BK2), Sham_238 (BK1), SparkleGoddess_244 (BK1), TunaTartare_239 (BK1), TunaTartare_246 (BK1),

Summary by clusters:

There are 2 clusters represented in this pham: BK1, BK2,

Info for manual annotations of cluster BK1:

- Start number 4 was manually annotated 9 times for cluster BK1.

Info for manual annotations of cluster BK2:

- Start number 4 was manually annotated 1 time for cluster BK2.

Gene Information:

Gene: Belfort_243 Start: 117022, Stop: 117261, Start Num: 4

Candidate Starts for Belfort_243:

(Start: 4 @117022 has 10 MA's), (6, 117100),

Gene: DeluluLabubu_250 Start: 118312, Stop: 118545, Start Num: 4

Candidate Starts for DeluluLabubu_250:

(Start: 4 @118312 has 10 MA's), (7, 118396), (10, 118471),

Gene: Forrest_248 Start: 118023, Stop: 118256, Start Num: 4

Candidate Starts for Forrest_248:

(Start: 4 @118023 has 10 MA's), (7, 118107), (10, 118182),

Gene: Jada_248 Start: 117263, Stop: 117496, Start Num: 4

Candidate Starts for Jada_248:

(Start: 4 @117263 has 10 MA's), (7, 117347), (10, 117422),

Gene: Karp_242 Start: 118620, Stop: 118859, Start Num: 4

Candidate Starts for Karp_242:

(Start: 4 @118620 has 10 MA's), (6, 118698),

Gene: Muntaha_217 Start: 106889, Stop: 107125, Start Num: 4

Candidate Starts for Muntaha_217:

(Start: 4 @106889 has 10 MA's), (5, 106964), (6, 106967),

Gene: Sham_238 Start: 119467, Stop: 119700, Start Num: 4

Candidate Starts for Sham_238:

(Start: 4 @119467 has 10 MA's), (5, 119542), (8, 119590), (11, 119665),

Gene: SparkleGoddess_244 Start: 117894, Stop: 118133, Start Num: 4

Candidate Starts for SparkleGoddess_244:

(Start: 4 @117894 has 10 MA's), (6, 117972),

Gene: TunaTartare_246 Start: 121429, Stop: 121665, Start Num: 4

Candidate Starts for TunaTartare_246:

(1, 121384), (Start: 4 @121429 has 10 MA's), (7, 121513), (10, 121591), (12, 121636),

Gene: TunaTartare_239 Start: 119283, Stop: 119528, Start Num: 4

Candidate Starts for TunaTartare_239:

(2, 119265), (3, 119271), (Start: 4 @119283 has 10 MA's), (5, 119364), (6, 119367), (7, 119373), (9, 119421),

