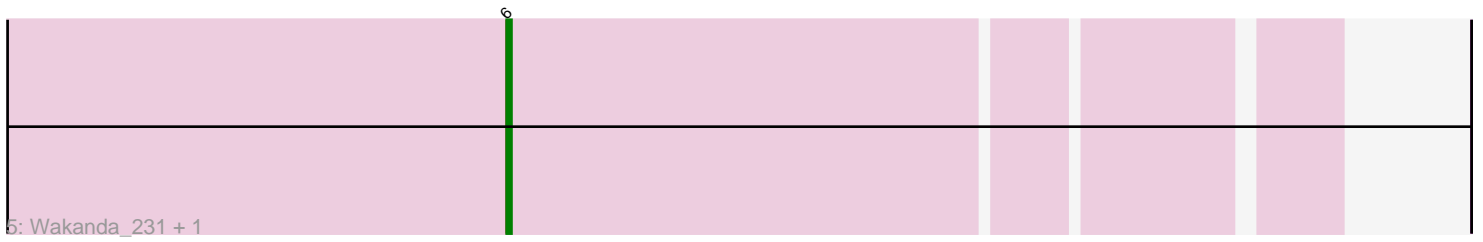
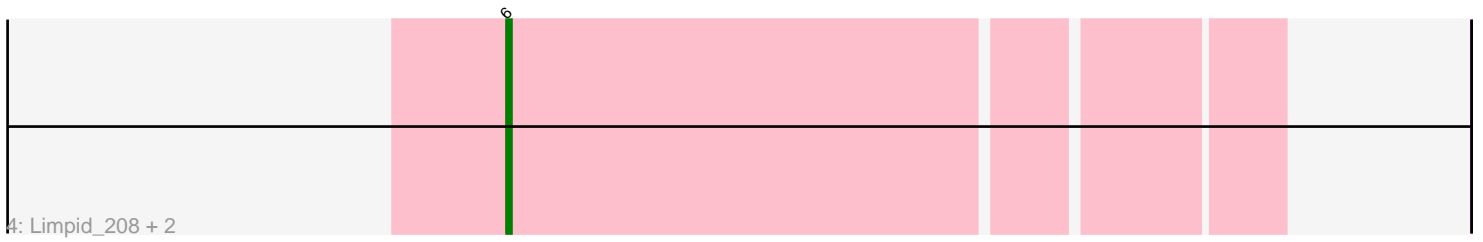
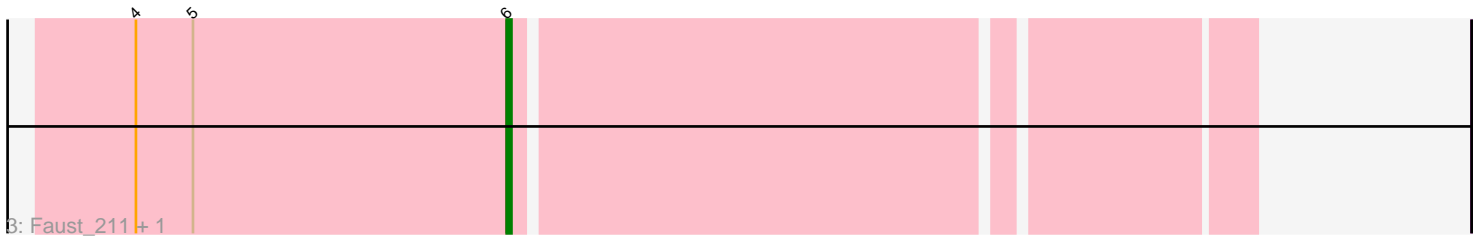
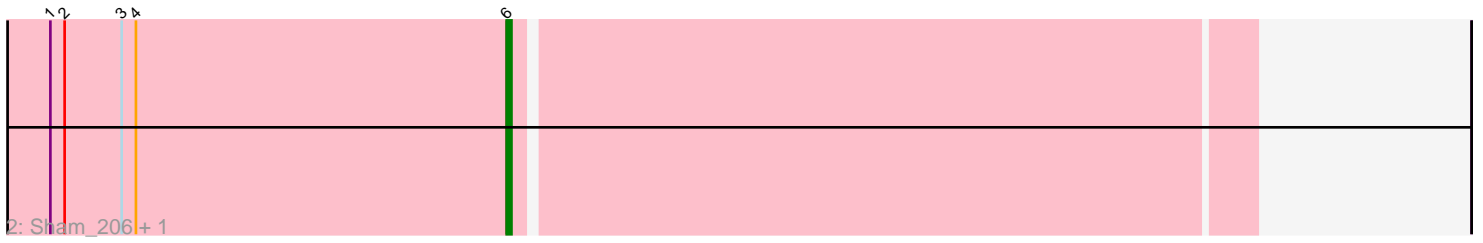
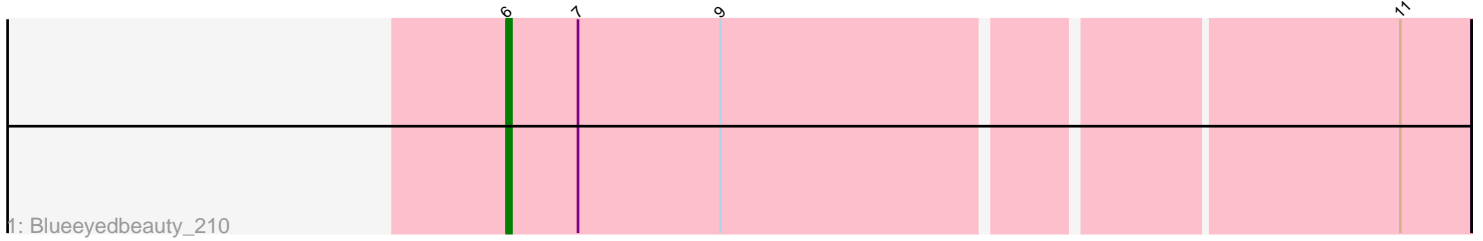


Pham 158303



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 158303 Report

This analysis was run 04/13/24 on database version 558.

Pham number 158303 has 12 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Blueeyedbeauty_210
- Track 2 : Sham_206, TunaTartare_214
- Track 3 : Faust_211, SeresaTree_215
- Track 4 : Limpid_208, Beuffert_208, Annadreamy_201
- Track 5 : Wakanda_231, Muntaha_235
- Track 6 : BillNye_220, Circinus_220

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Annadreamy_201, Beuffert_208, BillNye_220, Blueeyedbeauty_210, Circinus_220, Faust_211, Limpid_208, Muntaha_235, SeresaTree_215, Sham_206, TunaTartare_214, Wakanda_231,

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 12 of 12 (100.0%) of genes in pham
- Manual Annotations of this start: 11 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Annadreamy_201 (BK1), Beuffert_208 (BK1), BillNye_220 (BK2), Blueeyedbeauty_210 (BK1), Circinus_220 (BK2), Faust_211 (BK1), Limpid_208 (BK1), Muntaha_235 (BK2), SeresaTree_215 (BK1), Sham_206 (BK1), TunaTartare_214 (BK1), Wakanda_231 (BK2),

Summary by clusters:

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

Info for manual annotations of cluster BK1:

- Start number 6 was manually annotated 7 times for cluster BK1.

Info for manual annotations of cluster BK2:

- Start number 6 was manually annotated 4 times for cluster BK2.

Gene Information:

Gene: Annadreamy_201 Start: 101523, Stop: 101678, Start Num: 6

Candidate Starts for Annadreamy_201:

(Start: 6 @101523 has 11 MA's),

Gene: Beuffert_208 Start: 105516, Stop: 105671, Start Num: 6

Candidate Starts for Beuffert_208:

(Start: 6 @105516 has 11 MA's),

Gene: BillNye_220 Start: 113219, Stop: 113383, Start Num: 6

Candidate Starts for BillNye_220:

(Start: 6 @113219 has 11 MA's), (8, 113252), (10, 113360),

Gene: Blueeyedbeauty_210 Start: 105250, Stop: 105444, Start Num: 6

Candidate Starts for Blueeyedbeauty_210:

(Start: 6 @105250 has 11 MA's), (7, 105265), (9, 105295), (11, 105430),

Gene: Circinus_220 Start: 112809, Stop: 112973, Start Num: 6

Candidate Starts for Circinus_220:

(Start: 6 @112809 has 11 MA's), (8, 112842), (10, 112950),

Gene: Faust_211 Start: 106919, Stop: 107065, Start Num: 6

Candidate Starts for Faust_211:

(4, 106841), (5, 106853), (Start: 6 @106919 has 11 MA's),

Gene: Limpid_208 Start: 106836, Stop: 106991, Start Num: 6

Candidate Starts for Limpid_208:

(Start: 6 @106836 has 11 MA's),

Gene: Muntaha_235 Start: 113389, Stop: 113553, Start Num: 6

Candidate Starts for Muntaha_235:

(Start: 6 @113389 has 11 MA's),

Gene: SeresaTree_215 Start: 106904, Stop: 107050, Start Num: 6

Candidate Starts for SeresaTree_215:

(4, 106826), (5, 106838), (Start: 6 @106904 has 11 MA's),

Gene: Sham_206 Start: 107771, Stop: 107923, Start Num: 6

Candidate Starts for Sham_206:

(1, 107675), (2, 107678), (3, 107690), (4, 107693), (Start: 6 @107771 has 11 MA's),

Gene: TunaTartare_214 Start: 110069, Stop: 110221, Start Num: 6

Candidate Starts for TunaTartare_214:

(1, 109973), (2, 109976), (3, 109988), (4, 109991), (Start: 6 @110069 has 11 MA's),

Gene: Wakanda_231 Start: 112376, Stop: 112540, Start Num: 6

Candidate Starts for Wakanda_231:

(Start: 6 @112376 has 11 MA's),