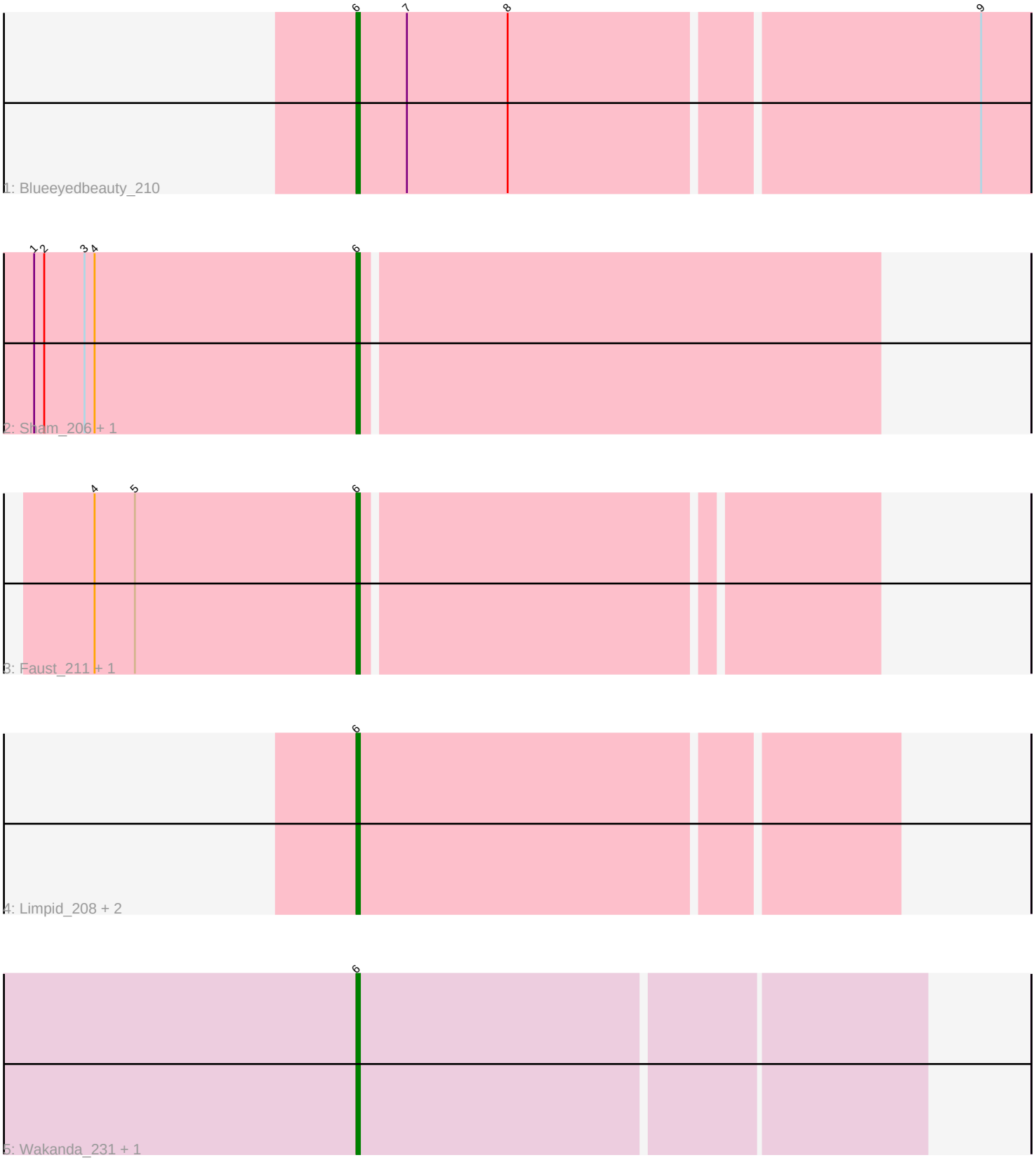
Pham 164112


6
7
8
9
1: Blueeyedbeauty_210
1
2
3
4
6
2: Sham_206 + 1
4
5
6
3: Faust_211 + 1
6
4: Limpid_208 + 2
6
5: Wakanda_231 + 1

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 164112 Report

This analysis was run 05/04/24 on database version 560.

Pham number 164112 has 10 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

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annadreamy_201, Beuffert_208, Blueeyedbeauty_210, 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 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annadreamy_201 (BK1), Beuffert_208 (BK1), Blueeyedbeauty_210 (BK1), 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 2 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 9 MA's),

Gene: Beuffert_208 Start: 105516, Stop: 105671, Start Num: 6
Candidate Starts for Beuffert_208:
(Start: 6 @105516 has 9 MA's),

Gene: Blueeyedbeauty_210 Start: 105250, Stop: 105444, Start Num: 6
Candidate Starts for Blueeyedbeauty_210:
(Start: 6 @105250 has 9 MA's), (7, 105265), (8, 105295), (9, 105430),

Gene: Faust_211 Start: 106919, Stop: 107065, Start Num: 6
Candidate Starts for Faust_211:
(4, 106841), (5, 106853), (Start: 6 @106919 has 9 MA's),

Gene: Limpid_208 Start: 106836, Stop: 106991, Start Num: 6
Candidate Starts for Limpid_208:
(Start: 6 @106836 has 9 MA's),

Gene: Muntaha_235 Start: 113389, Stop: 113553, Start Num: 6
Candidate Starts for Muntaha_235:
(Start: 6 @113389 has 9 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 9 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 9 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 9 MA's),

Gene: Wakanda_231 Start: 112376, Stop: 112540, Start Num: 6
Candidate Starts for Wakanda_231:
(Start: 6 @112376 has 9 MA's),