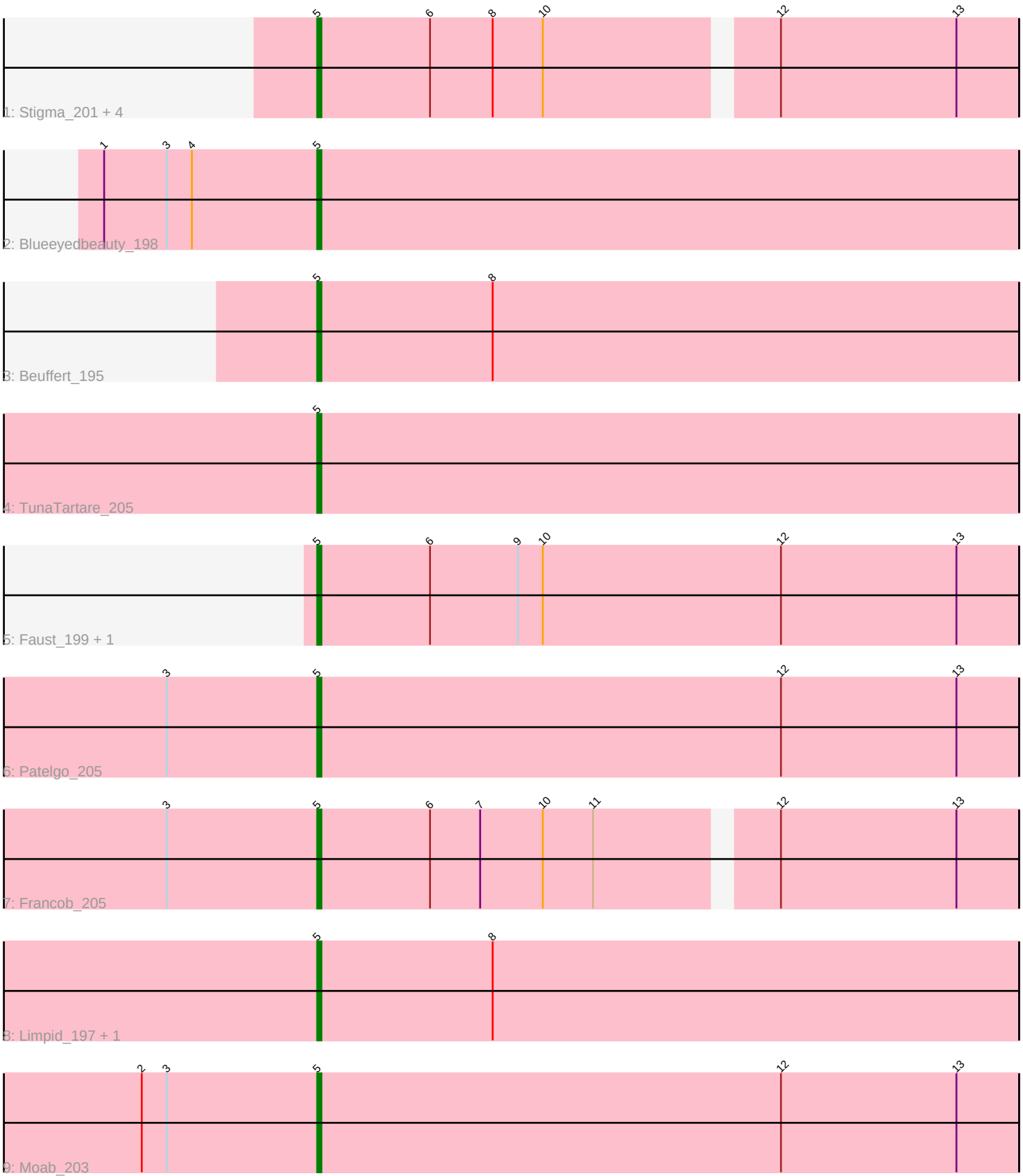
Pham 194436


5
6
8
10
12
13
1: Stigma_201 + 4
1
3
4
5
2: Blueeyedbeauty_198
5
8
3: Beuffert_195
5
4: TunaTartare_205
5
6
9
10
12
13
5: Faust_199 + 1
3
5
12
13
6: Patelgo_205
3
5
6
7
10
11
12
13
7: Francob_205
5
8
8: Limpid_197 + 1
2
3
5
12
13
9: Moab_203

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 194436 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194436 has 15 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Stigma_201, Belfort_203, Comrade_200, SparkleGoddess_203, Karp_199
• Track 2 : Blueeyedbeauty_198
• Track 3 : Beuffert_195
• Track 4 : TunaTartare_205
• Track 5 : Faust_199, SeresaTree_203
• Track 6 : Patelgo_205
• Track 7 : Francob_205
• Track 8 : Limpid_197, Annadreamy_190
• Track 9 : Moab_203

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

The start number called the most often in the published annotations is 5, it was called in 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annadreamy_190, Belfort_203, Beuffert_195, Blueeyedbeauty_198, Comrade_200, Faust_199, Francob_205, Karp_199, Limpid_197, Moab_203, Patelgo_205, SeresaTree_203, SparkleGoddess_203, Stigma_201, TunaTartare_205,

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 5:
• Found in 15 of 15 (100.0%) of genes in pham
• Manual Annotations of this start: 14 of 14
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annadreamy_190 (BK1), Belfort_203 (BK1), Beuffert_195 (BK1), Blueeyedbeauty_198 (BK1), Comrade_200 (BK1),

Faust_199 (BK1), Francob_205 (BK1), Karp_199 (BK1), Limpid_197 (BK1), Moab_203 (BK1), Patelgo_205 (BK1), SeresaTree_203 (BK1), SparkleGoddess_203 (BK1), Stigma_201 (BK1), TunaTartare_205 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:
•Start number 5 was manually annotated 14 times for cluster BK1.

Gene Information:

Gene: Annadreamy_190 Start: 96907, Stop: 97074, Start Num: 5
Candidate Starts for Annadreamy_190:
(Start: 5 @96907 has 14 MA's), (8, 96949),

Gene: Belfort_203 Start: 102922, Stop: 103083, Start Num: 5
Candidate Starts for Belfort_203:
(Start: 5 @102922 has 14 MA's), (6, 102949), (8, 102964), (10, 102976), (12, 103027), (13, 103069),

Gene: Beuffert_195 Start: 101125, Stop: 101292, Start Num: 5
Candidate Starts for Beuffert_195:
(Start: 5 @101125 has 14 MA's), (8, 101167),

Gene: Blueeyedbeauty_198 Start: 100435, Stop: 100602, Start Num: 5
Candidate Starts for Blueeyedbeauty_198:
(1, 100384), (3, 100399), (4, 100405), (Start: 5 @100435 has 14 MA's),

Gene: Comrade_200 Start: 103123, Stop: 103284, Start Num: 5
Candidate Starts for Comrade_200:
(Start: 5 @103123 has 14 MA's), (6, 103150), (8, 103165), (10, 103177), (12, 103228), (13, 103270),

Gene: Faust_199 Start: 102596, Stop: 102763, Start Num: 5
Candidate Starts for Faust_199:
(Start: 5 @102596 has 14 MA's), (6, 102623), (9, 102644), (10, 102650), (12, 102707), (13, 102749),

Gene: Francob_205 Start: 102120, Stop: 102281, Start Num: 5
Candidate Starts for Francob_205:
(3, 102084), (Start: 5 @102120 has 14 MA's), (6, 102147), (7, 102159), (10, 102174), (11, 102186), (12, 102225), (13, 102267),

Gene: Karp_199 Start: 103289, Stop: 103450, Start Num: 5
Candidate Starts for Karp_199:
(Start: 5 @103289 has 14 MA's), (6, 103316), (8, 103331), (10, 103343), (12, 103394), (13, 103436),

Gene: Limpid_197 Start: 102220, Stop: 102387, Start Num: 5
Candidate Starts for Limpid_197:
(Start: 5 @102220 has 14 MA's), (8, 102262),

Gene: Moab_203 Start: 104171, Stop: 104338, Start Num: 5

Candidate Starts for Moab_203:
(2, 104129), (3, 104135), (Start: 5 @104171 has 14 MA's), (12, 104282), (13, 104324),

Gene: Patelgo_205 Start: 104812, Stop: 104979, Start Num: 5
Candidate Starts for Patelgo_205:
(3, 104776), (Start: 5 @104812 has 14 MA's), (12, 104923), (13, 104965),

Gene: SeresaTree_203 Start: 102581, Stop: 102748, Start Num: 5
Candidate Starts for SeresaTree_203:
(Start: 5 @102581 has 14 MA's), (6, 102608), (9, 102629), (10, 102635), (12, 102692), (13, 102734),

Gene: SparkleGoddess_203 Start: 103331, Stop: 103492, Start Num: 5
Candidate Starts for SparkleGoddess_203:
(Start: 5 @103331 has 14 MA's), (6, 103358), (8, 103373), (10, 103385), (12, 103436), (13, 103478),

Gene: Stigma_201 Start: 103569, Stop: 103730, Start Num: 5
Candidate Starts for Stigma_201:
(Start: 5 @103569 has 14 MA's), (6, 103596), (8, 103611), (10, 103623), (12, 103674), (13, 103716),

Gene: TunaTartare_205 Start: 106580, Stop: 106747, Start Num: 5
Candidate Starts for TunaTartare_205:
(Start: 5 @106580 has 14 MA's),