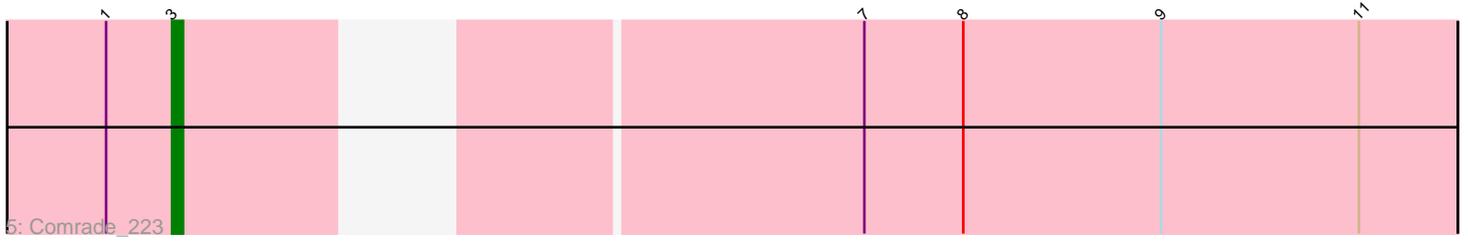
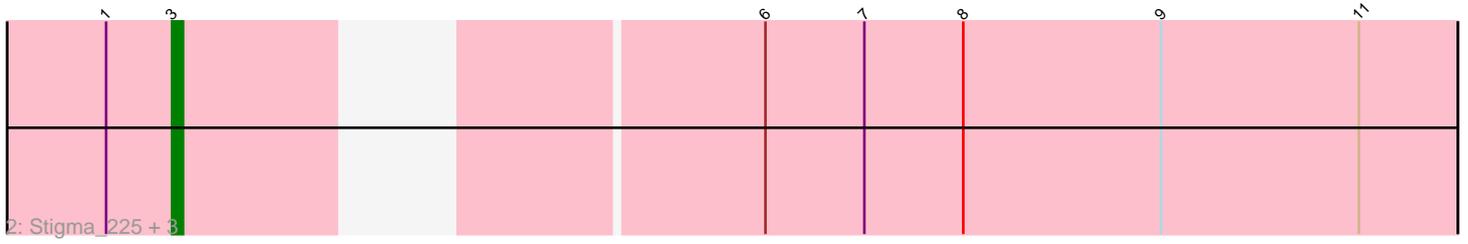


Pham 288358



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 288358 Report

This analysis was run 03/28/26 on database version 641.

Pham number 288358 has 11 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Limpid_220, Annadreamy_213
- Track 2 : Stigma_225, Belfort_226, SparkleGoddess_226, Karp_222
- Track 3 : Blueeyedbeauty_222
- Track 4 : Phredrick_231, Kenrey_234
- Track 5 : Comrade_223
- Track 6 : Beuffert_221

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

The start number called the most often in the published annotations is 3, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Annadreamy_213, Belfort_226, Beuffert_221, Blueeyedbeauty_222, Comrade_223, Karp_222, Kenrey_234, Limpid_220, Phredrick_231, SparkleGoddess_226, Stigma_225,

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 3:

- Found in 11 of 11 (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_213 (BK1), Belfort_226 (BK1), Beuffert_221 (BK1), Blueeyedbeauty_222 (BK1), Comrade_223 (BK1), Karp_222 (BK1), Kenrey_234 (BK1), Limpid_220 (BK1), Phredrick_231 (BK1), SparkleGoddess_226 (BK1), Stigma_225 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:

•Start number 3 was manually annotated 11 times for cluster BK1.

Gene Information:

Gene: Annadreamy_213 Start: 106593, Stop: 106697, Start Num: 3

Candidate Starts for Annadreamy_213:

(2, 106590), (Start: 3 @106593 has 11 MA's), (5, 106626), (9, 106671), (11, 106689),

Gene: Belfort_226 Start: 111617, Stop: 111721, Start Num: 3

Candidate Starts for Belfort_226:

(1, 111611), (Start: 3 @111617 has 11 MA's), (6, 111659), (7, 111668), (8, 111677), (9, 111695), (11, 111713),

Gene: Beuffert_221 Start: 110760, Stop: 110864, Start Num: 3

Candidate Starts for Beuffert_221:

(Start: 3 @110760 has 11 MA's), (9, 110838), (11, 110856),

Gene: Blueeyedbeauty_222 Start: 110293, Stop: 110397, Start Num: 3

Candidate Starts for Blueeyedbeauty_222:

(Start: 3 @110293 has 11 MA's), (5, 110326), (9, 110371), (11, 110389),

Gene: Comrade_223 Start: 111816, Stop: 111920, Start Num: 3

Candidate Starts for Comrade_223:

(1, 111810), (Start: 3 @111816 has 11 MA's), (7, 111867), (8, 111876), (9, 111894), (11, 111912),

Gene: Karp_222 Start: 111983, Stop: 112087, Start Num: 3

Candidate Starts for Karp_222:

(1, 111977), (Start: 3 @111983 has 11 MA's), (6, 112025), (7, 112034), (8, 112043), (9, 112061), (11, 112079),

Gene: Kenrey_234 Start: 112027, Stop: 112143, Start Num: 3

Candidate Starts for Kenrey_234:

(Start: 3 @112027 has 11 MA's), (4, 112063), (8, 112099), (9, 112117), (10, 112123),

Gene: Limpid_220 Start: 111906, Stop: 112010, Start Num: 3

Candidate Starts for Limpid_220:

(2, 111903), (Start: 3 @111906 has 11 MA's), (5, 111939), (9, 111984), (11, 112002),

Gene: Phredrick_231 Start: 110207, Stop: 110323, Start Num: 3

Candidate Starts for Phredrick_231:

(Start: 3 @110207 has 11 MA's), (4, 110243), (8, 110279), (9, 110297), (10, 110303),

Gene: SparkleGoddess_226 Start: 112044, Stop: 112148, Start Num: 3

Candidate Starts for SparkleGoddess_226:

(1, 112038), (Start: 3 @112044 has 11 MA's), (6, 112086), (7, 112095), (8, 112104), (9, 112122), (11, 112140),

Gene: Stigma_225 Start: 112250, Stop: 112354, Start Num: 3

Candidate Starts for Stigma_225:

(1, 112244), (Start: 3 @112250 has 11 MA's), (6, 112292), (7, 112301), (8, 112310), (9, 112328), (11, 112346),