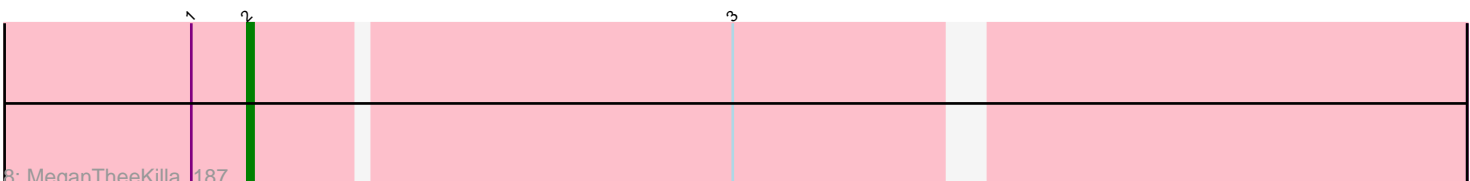
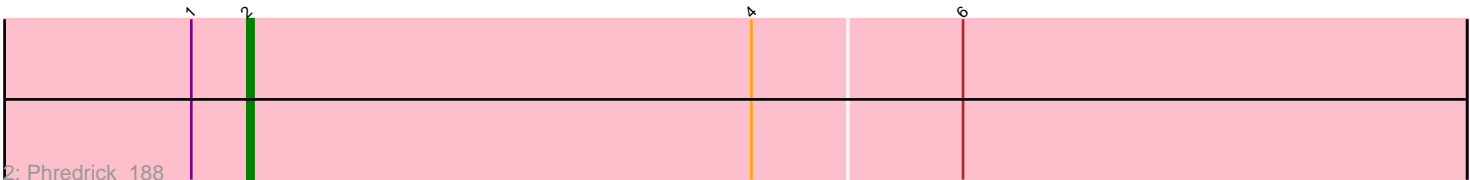
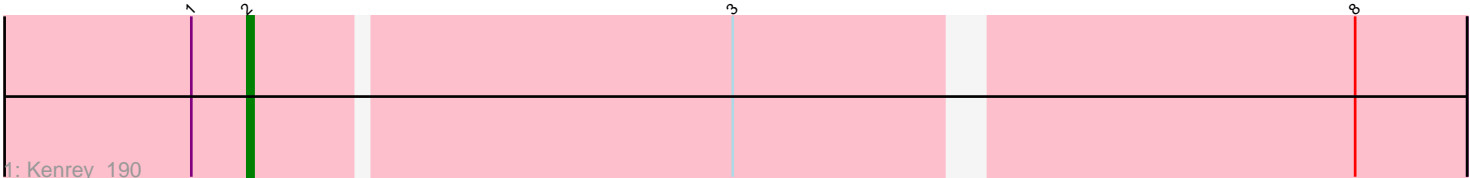


Pham 5168



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 5168 Report

This analysis was run 04/05/24 on database version 557.

Pham number 5168 has 15 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Kenrey_190
- Track 2 : Phredrick_188
- Track 3 : Forrest_191, Francob_184
- Track 4 : SparkleGoddess_183, Belfort_183, Karp_177, Comrade_180, Stigma_181
- Track 5 : Jada_188
- Track 6 : Emma1919_188, Gilson_187
- Track 7 : Patelgo_186, Moab_185
- Track 8 : MeganTheeKilla_187

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

The start number called the most often in the published annotations is 2, it was called in 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Belfort_183, Comrade_180, Emma1919_188, Forrest_191, Francob_184, Gilson_187, Jada_188, Karp_177, Kenrey_190, MeganTheeKilla_187, Moab_185, Patelgo_186, Phredrick_188, SparkleGoddess_183, Stigma_181,

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 2:

- Found in 15 of 15 (100.0%) of genes in pham
- Manual Annotations of this start: 15 of 15
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Belfort_183 (BK1), Comrade_180 (BK1), Emma1919_188 (BK1), Forrest_191 (BK1), Francob_184 (BK1), Gilson_187 (BK1), Jada_188 (BK1), Karp_177 (BK1), Kenrey_190 (BK1), MeganTheeKilla_187 (BK1),

Moab_185 (BK1), Patelgo_186 (BK1), Phredrick_188 (BK1), SparkleGoddess_183 (BK1), Stigma_181 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:

- Start number 2 was manually annotated 15 times for cluster BK1.

Gene Information:

Gene: Belfort_183 Start: 96581, Stop: 96769, Start Num: 2

Candidate Starts for Belfort_183:

(Start: 2 @96581 has 15 MA's),

Gene: Comrade_180 Start: 96783, Stop: 96971, Start Num: 2

Candidate Starts for Comrade_180:

(Start: 2 @96783 has 15 MA's),

Gene: Emma1919_188 Start: 95783, Stop: 95968, Start Num: 2

Candidate Starts for Emma1919_188:

(1, 95774), (Start: 2 @95783 has 15 MA's),

Gene: Forrest_191 Start: 97680, Stop: 97865, Start Num: 2

Candidate Starts for Forrest_191:

(Start: 2 @97680 has 15 MA's), (8, 97848),

Gene: Francob_184 Start: 95693, Stop: 95872, Start Num: 2

Candidate Starts for Francob_184:

(Start: 2 @95693 has 15 MA's), (8, 95855),

Gene: Gilson_187 Start: 95745, Stop: 95930, Start Num: 2

Candidate Starts for Gilson_187:

(1, 95736), (Start: 2 @95745 has 15 MA's),

Gene: Jada_188 Start: 96373, Stop: 96558, Start Num: 2

Candidate Starts for Jada_188:

(1, 96364), (Start: 2 @96373 has 15 MA's), (7, 96526),

Gene: Karp_177 Start: 96007, Stop: 96195, Start Num: 2

Candidate Starts for Karp_177:

(Start: 2 @96007 has 15 MA's),

Gene: Kenrey_190 Start: 96792, Stop: 96977, Start Num: 2

Candidate Starts for Kenrey_190:

(1, 96783), (Start: 2 @96792 has 15 MA's), (3, 96867), (8, 96960),

Gene: MeganTheeKilla_187 Start: 95817, Stop: 96002, Start Num: 2

Candidate Starts for MeganTheeKilla_187:

(1, 95808), (Start: 2 @95817 has 15 MA's), (3, 95892),

Gene: Moab_185 Start: 98208, Stop: 98402, Start Num: 2
Candidate Starts for Moab_185:
(Start: 2 @98208 has 15 MA's), (5, 98316), (6, 98322),

Gene: Patelgo_186 Start: 98666, Stop: 98860, Start Num: 2
Candidate Starts for Patelgo_186:
(Start: 2 @98666 has 15 MA's), (5, 98774), (6, 98780),

Gene: Phredrick_188 Start: 95415, Stop: 95609, Start Num: 2
Candidate Starts for Phredrick_188:
(1, 95406), (Start: 2 @95415 has 15 MA's), (4, 95496), (6, 95529),

Gene: SparkleGoddess_183 Start: 96991, Stop: 97179, Start Num: 2
Candidate Starts for SparkleGoddess_183:
(Start: 2 @96991 has 15 MA's),

Gene: Stigma_181 Start: 97228, Stop: 97416, Start Num: 2
Candidate Starts for Stigma_181:
(Start: 2 @97228 has 15 MA's),