



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 7017 Report

This analysis was run 04/28/24 on database version 559.

Pham number 7017 has 10 members, 2 are drafts.

Phages represented in each track:

- Track 1 : SaltySpitoon_158, IchabodCrane_153, CeilingFan_166, JimJam_163, Quaran19_158, Battuta_157, Gibbi_165, Spelly_160, Birchlyn_157, Spilled_162

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

The start number called the most often in the published annotations is 1, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Battuta_157, Birchlyn_157, CeilingFan_166, Gibbi_165, IchabodCrane_153, JimJam_163, Quaran19_158, SaltySpitoon_158, Spelly_160, Spilled_162,

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 1:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Battuta_157 (BE2), Birchlyn_157 (BE2), CeilingFan_166 (BE2), Gibbi_165 (BE2), IchabodCrane_153 (BE2), JimJam_163 (BE2), Quaran19_158 (BE2), SaltySpitoon_158 (BE2), Spelly_160 (BE2), Spilled_162 (BE2),

Summary by clusters:

There is one cluster represented in this pham: BE2

Info for manual annotations of cluster BE2:

- Start number 1 was manually annotated 8 times for cluster BE2.

Gene Information:

Gene: Battuta_157 Start: 88561, Stop: 88671, Start Num: 1

Candidate Starts for Battuta_157:

(Start: 1 @88561 has 8 MA's), (2, 88597),

Gene: Birchlyn_157 Start: 86448, Stop: 86558, Start Num: 1

Candidate Starts for Birchlyn_157:

(Start: 1 @86448 has 8 MA's), (2, 86484),

Gene: CeilingFan_166 Start: 89094, Stop: 89204, Start Num: 1

Candidate Starts for CeilingFan_166:

(Start: 1 @89094 has 8 MA's), (2, 89130),

Gene: Gibbi_165 Start: 89158, Stop: 89268, Start Num: 1

Candidate Starts for Gibbi_165:

(Start: 1 @89158 has 8 MA's), (2, 89194),

Gene: IchabodCrane_153 Start: 88289, Stop: 88399, Start Num: 1

Candidate Starts for IchabodCrane_153:

(Start: 1 @88289 has 8 MA's), (2, 88325),

Gene: JimJam_163 Start: 89924, Stop: 90034, Start Num: 1

Candidate Starts for JimJam_163:

(Start: 1 @89924 has 8 MA's), (2, 89960),

Gene: Quaran19_158 Start: 88578, Stop: 88688, Start Num: 1

Candidate Starts for Quaran19_158:

(Start: 1 @88578 has 8 MA's), (2, 88614),

Gene: SaltySpittoon_158 Start: 88591, Stop: 88701, Start Num: 1

Candidate Starts for SaltySpittoon_158:

(Start: 1 @88591 has 8 MA's), (2, 88627),

Gene: Spelly_160 Start: 88541, Stop: 88651, Start Num: 1

Candidate Starts for Spelly_160:

(Start: 1 @88541 has 8 MA's), (2, 88577),

Gene: Spilled_162 Start: 89119, Stop: 89229, Start Num: 1

Candidate Starts for Spilled_162:

(Start: 1 @89119 has 8 MA's), (2, 89155),