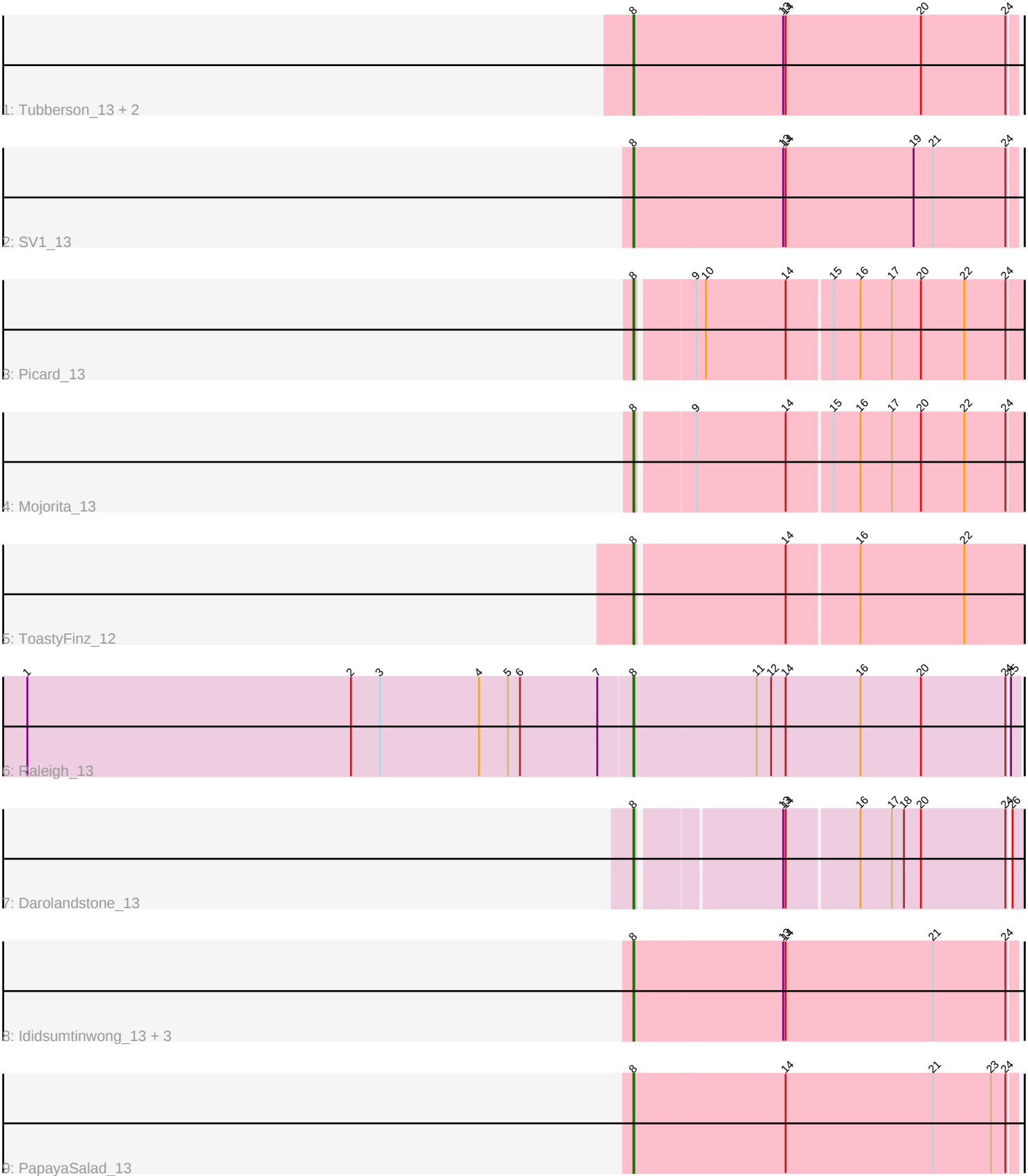


Pham 329532



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 329532 Report

This analysis was run 09/05/26 on database version 662.

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 329532 has 14 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Tubberson_13, DaRealMyers_13, SoJo_13
- Track 2 : SV1_13
- Track 3 : Picard_13
- Track 4 : Mojerita_13
- Track 5 : ToastyFinz_12
- Track 6 : Raleigh_13
- Track 7 : Darolandstone_13
- Track 8 : Ididsumtinwong_13, Bioscum_13, Lishka_13, Austintatious_13
- Track 9 : PapayaSalad_13

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

The start number called the most often in the published annotations is 8, it was called in 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Austintatious_13, Bioscum_13, DaRealMyers_13, Darolandstone_13, Ididsumtinwong_13, Lishka_13, Mojerita_13, PapayaSalad_13, Picard_13, Raleigh_13, SV1_13, SoJo_13, ToastyFinz_12, Tubberson_13,

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 8:

- Found in 14 of 14 (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: Austintatious_13 (BC3), Bioscum_13 (BC3), DaRealMyers_13 (BC1), Darolandstone_13 (BC2), Ididsumtinwong_13 (BC3), Lishka_13 (BC3), Moajorita_13 (BC1), PapayaSalad_13 (BC3), Picard_13 (BC1), Raleigh_13 (BC2), SV1_13 (BC1), SoJo_13 (BC1), ToastyFinz_12 (BC1), Tubberson_13 (BC1),

Summary by clusters:

There are 3 clusters represented in this pham: BC1, BC2, BC3,

Info for manual annotations of cluster BC1:

- Start number 8 was manually annotated 7 times for cluster BC1.

Info for manual annotations of cluster BC2:

- Start number 8 was manually annotated 2 times for cluster BC2.

Info for manual annotations of cluster BC3:

- Start number 8 was manually annotated 5 times for cluster BC3.

Gene Information:

Gene: Austintatious_13 Start: 8602, Stop: 9072, Start Num: 8

Candidate Starts for Austintatious_13:

(Start: 8 @8602 has 14 MA's), (13, 8785), (14, 8788), (21, 8971), (24, 9061),

Gene: Bioscum_13 Start: 8638, Stop: 9108, Start Num: 8

Candidate Starts for Bioscum_13:

(Start: 8 @8638 has 14 MA's), (13, 8821), (14, 8824), (21, 9007), (24, 9097),

Gene: DaRealMyers_13 Start: 8836, Stop: 9306, Start Num: 8

Candidate Starts for DaRealMyers_13:

(Start: 8 @8836 has 14 MA's), (13, 9019), (14, 9022), (20, 9190), (24, 9295),

Gene: Darolandstone_13 Start: 9086, Stop: 9541, Start Num: 8

Candidate Starts for Darolandstone_13:

(Start: 8 @9086 has 14 MA's), (13, 9254), (14, 9257), (16, 9344), (17, 9383), (18, 9398), (20, 9419), (24, 9524), (26, 9527),

Gene: Ididsumtinwong_13 Start: 8638, Stop: 9108, Start Num: 8

Candidate Starts for Ididsumtinwong_13:

(Start: 8 @8638 has 14 MA's), (13, 8821), (14, 8824), (21, 9007), (24, 9097),

Gene: Lishka_13 Start: 8602, Stop: 9072, Start Num: 8

Candidate Starts for Lishka_13:

(Start: 8 @8602 has 14 MA's), (13, 8785), (14, 8788), (21, 8971), (24, 9061),

Gene: Moajorita_13 Start: 8930, Stop: 9394, Start Num: 8

Candidate Starts for Moajorita_13:

(Start: 8 @8930 has 14 MA's), (9, 8996), (14, 9107), (15, 9161), (16, 9194), (17, 9233), (20, 9269), (22, 9323), (24, 9374),

Gene: PapayaSalad_13 Start: 8607, Stop: 9077, Start Num: 8

Candidate Starts for PapayaSalad_13:

(Start: 8 @8607 has 14 MA's), (14, 8793), (21, 8976), (23, 9048), (24, 9066),

Gene: Picard_13 Start: 8930, Stop: 9394, Start Num: 8

Candidate Starts for Picard_13:

(Start: 8 @8930 has 14 MA's), (9, 8996), (10, 9008), (14, 9107), (15, 9161), (16, 9194), (17, 9233), (20, 9269), (22, 9323), (24, 9374),

Gene: Raleigh_13 Start: 9041, Stop: 9514, Start Num: 8

Candidate Starts for Raleigh_13:

(1, 8291), (2, 8693), (3, 8729), (4, 8852), (5, 8888), (6, 8903), (7, 8999), (Start: 8 @9041 has 14 MA's), (11, 9191), (12, 9209), (14, 9227), (16, 9320), (20, 9395), (24, 9500), (25, 9503),

Gene: SV1_13 Start: 8813, Stop: 9283, Start Num: 8

Candidate Starts for SV1_13:

(Start: 8 @8813 has 14 MA's), (13, 8996), (14, 8999), (19, 9158), (21, 9182), (24, 9272),

Gene: SoJo_13 Start: 8836, Stop: 9306, Start Num: 8

Candidate Starts for SoJo_13:

(Start: 8 @8836 has 14 MA's), (13, 9019), (14, 9022), (20, 9190), (24, 9295),

Gene: ToastyFinz_12 Start: 8701, Stop: 9171, Start Num: 8

Candidate Starts for ToastyFinz_12:

(Start: 8 @8701 has 14 MA's), (14, 8881), (16, 8968), (22, 9097),

Gene: Tubberson_13 Start: 8836, Stop: 9306, Start Num: 8

Candidate Starts for Tubberson_13:

(Start: 8 @8836 has 14 MA's), (13, 9019), (14, 9022), (20, 9190), (24, 9295),