Pham 7966
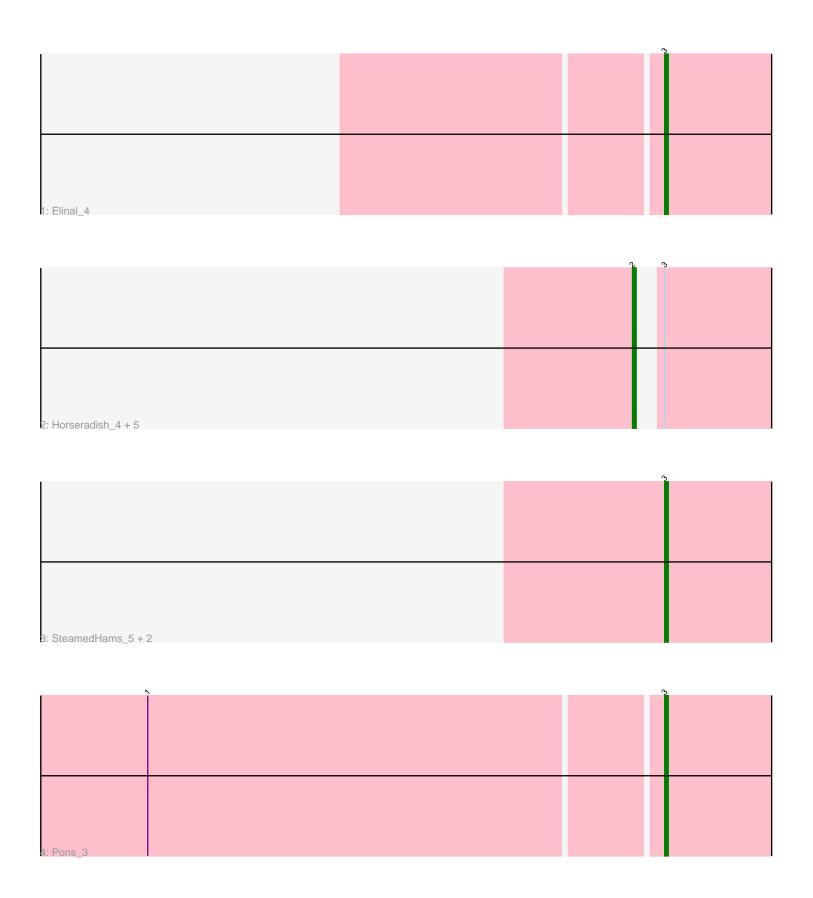

1: Elinal_4

2: Horseradish_4 + 5

3: SteamedHams_5 + 2

4: Pons_3

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 7966 Report

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

Pham number 7966 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Elinal_4
• Track 2 : Horseradish_4, Biskit_4, Yummy_4, SweatNTears_5, MScarn_5, Troje_3
• Track 3 : SteamedHams_5, BillDoor_5, Tolls_5
• Track 4 : Pons_3

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 6 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Biskit_4, Horseradish_4, MScarn_5, SweatNTears_5, Troje_3, Yummy_4,

Genes that have the "Most Annotated" start but do not call it:
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Genes that do not have the "Most Annotated" start:
• BillDoor_5, Elinal_4, Pons_3, SteamedHams_5, Tolls_5,

Summary by start number:

Start 2:
• Found in 6 of 11 (54.5%) of genes in pham
• Manual Annotations of this start: 6 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Biskit_4 (CT), Horseradish_4 (CT), MScarn_5 (CT), SweatNTears_5 (CT), Troje_3 (CT), Yummy_4 (CT),

Start 3:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 11
• Called 45.5% of time when present
• Phage (with cluster) where this start called: BillDoor_5 (CT), Elinal_4 (CT), Pons_3 (CT), SteamedHams_5 (CT), Tolls_5 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:
•Start number 2 was manually annotated 6 times for cluster CT.
•Start number 3 was manually annotated 5 times for cluster CT.

Gene Information:
Gene: BillDoor_5 Start: 998, Stop: 1075, Start Num: 3
Candidate Starts for BillDoor_5:
(Start: 3 @998 has 5 MA's),

Gene: Biskit_4 Start: 988, Stop: 1071, Start Num: 2
Candidate Starts for Biskit_4:
(Start: 2 @988 has 6 MA's), (Start: 3 @991 has 5 MA's),

Gene: Elinal_4 Start: 816, Stop: 899, Start Num: 3
Candidate Starts for Elinal_4:
(Start: 3 @816 has 5 MA's),

Gene: Horseradish_4 Start: 895, Stop: 978, Start Num: 2
Candidate Starts for Horseradish_4:
(Start: 2 @895 has 6 MA's), (Start: 3 @898 has 5 MA's),

Gene: MScarn_5 Start: 989, Stop: 1072, Start Num: 2
Candidate Starts for MScarn_5:
(Start: 2 @989 has 6 MA's), (Start: 3 @992 has 5 MA's),

Gene: Pons_3 Start: 807, Stop: 890, Start Num: 3
Candidate Starts for Pons_3:
(1, 666), (Start: 3 @807 has 5 MA's),

Gene: SteamedHams_5 Start: 1004, Stop: 1081, Start Num: 3
Candidate Starts for SteamedHams_5:
(Start: 3 @1004 has 5 MA's),

Gene: SweatNTears_5 Start: 1515, Stop: 1598, Start Num: 2
Candidate Starts for SweatNTears_5:
(Start: 2 @1515 has 6 MA's), (Start: 3 @1518 has 5 MA's),

Gene: Tolls_5 Start: 1004, Stop: 1081, Start Num: 3
Candidate Starts for Tolls_5:
(Start: 3 @1004 has 5 MA's),

Gene: Troje_3 Start: 989, Stop: 1072, Start Num: 2
Candidate Starts for Troje_3:
(Start: 2 @989 has 6 MA's), (Start: 3 @992 has 5 MA's),

Gene: Yummy_4 Start: 895, Stop: 978, Start Num: 2
Candidate Starts for Yummy_4:
(Start: 2 @895 has 6 MA's), (Start: 3 @898 has 5 MA's),