Pham 5760

1: ShiVal_90 + 10

2: Serpentine_0093 + 1
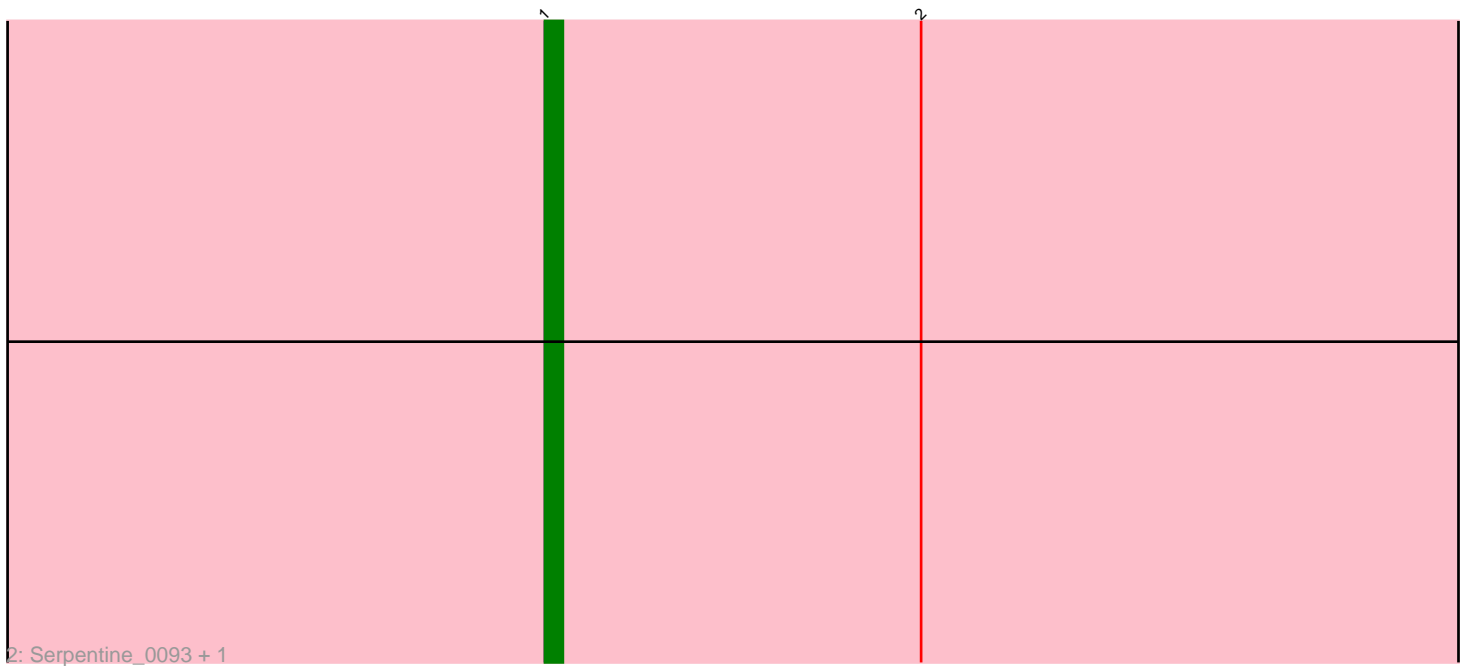
Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 5760 Report

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

Pham number 5760 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : ShiVal_90, DelRivs_90, Simielle_91, Mcshane_91, True_90, HighStump_93, Nyala_91, Nacho_0094, Adriana_92, Giraffe_92, Hocus_90
• Track 2 : Serpentine_0093, Numberten_91

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adriana_92, DelRivs_90, Giraffe_92, HighStump_93, Hocus_90, Mcshane_91, Nacho_0094, Numberten_91, Nyala_91, Serpentine_0093, ShiVal_90, Simielle_91, True_90,

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 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adriana_92 (B1), DelRivs_90 (B1), Giraffe_92 (B1), HighStump_93 (B1), Hocus_90 (B1), Mcshane_91 (B1), Nacho_0094 (B1), Numberten_91 (B1), Nyala_91 (B1), Serpentine_0093 (B1), ShiVal_90 (B1), Simielle_91 (B1), True_90 (B1),

Summary by clusters:

There is one cluster represented in this pham: B1

Info for manual annotations of cluster B1:
•Start number 1 was manually annotated 13 times for cluster B1.

Gene Information:

Gene: Adriana_92 Start: 65364, Stop: 65278, Start Num: 1
Candidate Starts for Adriana_92:
(Start: 1 @65364 has 13 MA's), (2, 65343),

Gene: DelRivs_90 Start: 64304, Stop: 64218, Start Num: 1
Candidate Starts for DelRivs_90:
(Start: 1 @64304 has 13 MA's), (2, 64283),

Gene: Giraffe_92 Start: 64868, Stop: 64782, Start Num: 1
Candidate Starts for Giraffe_92:
(Start: 1 @64868 has 13 MA's), (2, 64847),

Gene: HighStump_93 Start: 64819, Stop: 64733, Start Num: 1
Candidate Starts for HighStump_93:
(Start: 1 @64819 has 13 MA's), (2, 64798),

Gene: Hocus_90 Start: 64333, Stop: 64247, Start Num: 1
Candidate Starts for Hocus_90:
(Start: 1 @64333 has 13 MA's), (2, 64312),

Gene: Mcshane_91 Start: 64336, Stop: 64250, Start Num: 1
Candidate Starts for Mcshane_91:
(Start: 1 @64336 has 13 MA's), (2, 64315),

Gene: Nacho_0094 Start: 65564, Stop: 65478, Start Num: 1
Candidate Starts for Nacho_0094:
(Start: 1 @65564 has 13 MA's), (2, 65543),

Gene: Numberten_91 Start: 64608, Stop: 64522, Start Num: 1
Candidate Starts for Numberten_91:
(Start: 1 @64608 has 13 MA's), (2, 64587),

Gene: Nyala_91 Start: 64342, Stop: 64256, Start Num: 1
Candidate Starts for Nyala_91:
(Start: 1 @64342 has 13 MA's), (2, 64321),

Gene: Serpentine_0093 Start: 64884, Stop: 64798, Start Num: 1
Candidate Starts for Serpentine_0093:
(Start: 1 @64884 has 13 MA's), (2, 64863),

Gene: ShiVal_90 Start: 64354, Stop: 64268, Start Num: 1
Candidate Starts for ShiVal_90:
(Start: 1 @64354 has 13 MA's), (2, 64333),

Gene: Simielle_91 Start: 64296, Stop: 64210, Start Num: 1

Candidate Starts for Simielle_91:
(Start: 1 @64296 has 13 MA's), (2, 64275),

Gene: True_90 Start: 64330, Stop: 64244, Start Num: 1
Candidate Starts for True_90:
(Start: 1 @64330 has 13 MA's), (2, 64309),