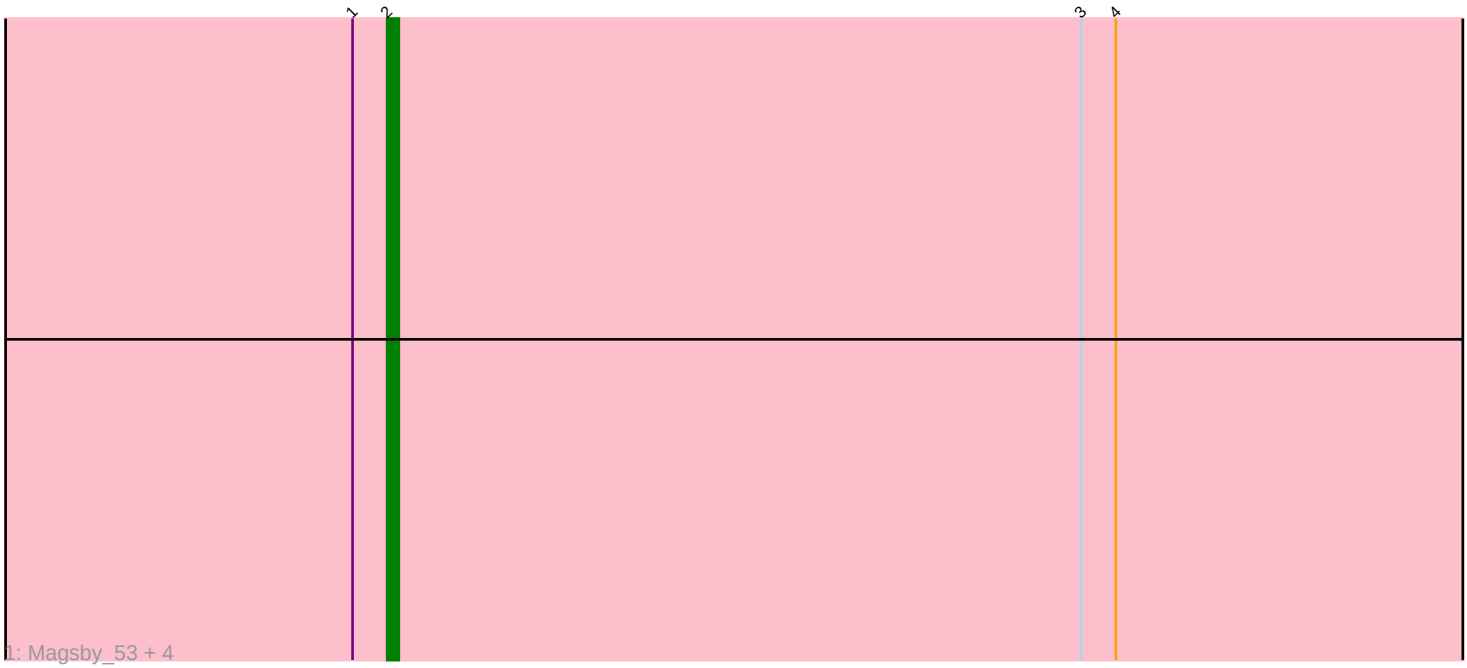
Pham 106732



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 106732 Report

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

Pham number 106732 has 13 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Magsby_53, Melville_57, Parmesanjohn_53, Gex_53, Smurph_53
• Track 2 : Fulbright_52, Xerxes_53, Silvafighter_54, Carcharodon_53, Phloss_51, Pipsqueaks_54, Schnauzer_54, Chewbacca_55

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 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Carcharodon_53, Chewbacca_55, Fulbright_52, Phloss_51, Pipsqueaks_54, Schnauzer_54, Silvafighter_54, Xerxes_53,

Genes that have the "Most Annotated" start but do not call it:
• Gex_53, Magsby_53, Melville_57, Parmesanjohn_53, Smurph_53,

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: 8 of 12
• Called 61.5% of time when present
• Phage (with cluster) where this start called: Carcharodon_53 (N), Chewbacca_55 (N), Fulbright_52 (N), Phloss_51 (N), Pipsqueaks_54 (N), Schnauzer_54 (N), Silvafighter_54 (N), Xerxes_53 (N),

Start 2:
• Found in 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 12
• Called 38.5% of time when present

• Phage (with cluster) where this start called: Gex_53 (N), Magsby_53 (N), Melville_57 (N), Parmesanjohn_53 (N), Smurph_53 (N),

Summary by clusters:

There is one cluster represented in this pham: N

Info for manual annotations of cluster N:
•Start number 1 was manually annotated 8 times for cluster N.
•Start number 2 was manually annotated 4 times for cluster N.

Gene Information:

Gene: Carcharodon_53 Start: 35703, Stop: 35867, Start Num: 1
Candidate Starts for Carcharodon_53:
(Start: 1 @35703 has 8 MA's), (Start: 2 @35706 has 4 MA's), (3, 35766), (4, 35769),

Gene: Chewbacca_55 Start: 35703, Stop: 35867, Start Num: 1
Candidate Starts for Chewbacca_55:
(Start: 1 @35703 has 8 MA's), (Start: 2 @35706 has 4 MA's), (3, 35766), (4, 35769),

Gene: Fulbright_52 Start: 34792, Stop: 34956, Start Num: 1
Candidate Starts for Fulbright_52:
(Start: 1 @34792 has 8 MA's), (Start: 2 @34795 has 4 MA's), (3, 34855), (4, 34858),

Gene: Gex_53 Start: 35722, Stop: 35883, Start Num: 2
Candidate Starts for Gex_53:
(Start: 1 @35719 has 8 MA's), (Start: 2 @35722 has 4 MA's), (3, 35782), (4, 35785),

Gene: Magsby_53 Start: 35723, Stop: 35884, Start Num: 2
Candidate Starts for Magsby_53:
(Start: 1 @35720 has 8 MA's), (Start: 2 @35723 has 4 MA's), (3, 35783), (4, 35786),

Gene: Melville_57 Start: 35707, Stop: 35868, Start Num: 2
Candidate Starts for Melville_57:
(Start: 1 @35704 has 8 MA's), (Start: 2 @35707 has 4 MA's), (3, 35767), (4, 35770),

Gene: Parmesanjohn_53 Start: 35726, Stop: 35887, Start Num: 2
Candidate Starts for Parmesanjohn_53:
(Start: 1 @35723 has 8 MA's), (Start: 2 @35726 has 4 MA's), (3, 35786), (4, 35789),

Gene: Phloss_51 Start: 35130, Stop: 35294, Start Num: 1
Candidate Starts for Phloss_51:
(Start: 1 @35130 has 8 MA's), (Start: 2 @35133 has 4 MA's), (3, 35193), (4, 35196),

Gene: Pipsqueaks_54 Start: 35701, Stop: 35865, Start Num: 1
Candidate Starts for Pipsqueaks_54:
(Start: 1 @35701 has 8 MA's), (Start: 2 @35704 has 4 MA's), (3, 35764), (4, 35767),

Gene: Schnauzer_54 Start: 35723, Stop: 35887, Start Num: 1
Candidate Starts for Schnauzer_54:

(Start: 1 @35723 has 8 MA's), (Start: 2 @35726 has 4 MA's), (3, 35786), (4, 35789),

Gene: Silvafighter_54 Start: 35696, Stop: 35860, Start Num: 1
Candidate Starts for Silvafighter_54:
(Start: 1 @35696 has 8 MA's), (Start: 2 @35699 has 4 MA's), (3, 35759), (4, 35762),

Gene: Smurph_53 Start: 35726, Stop: 35887, Start Num: 2
Candidate Starts for Smurph_53:
(Start: 1 @35723 has 8 MA's), (Start: 2 @35726 has 4 MA's), (3, 35786), (4, 35789),

Gene: Xerxes_53 Start: 35720, Stop: 35884, Start Num: 1
Candidate Starts for Xerxes_53:
(Start: 1 @35720 has 8 MA's), (Start: 2 @35723 has 4 MA's), (3, 35783), (4, 35786),