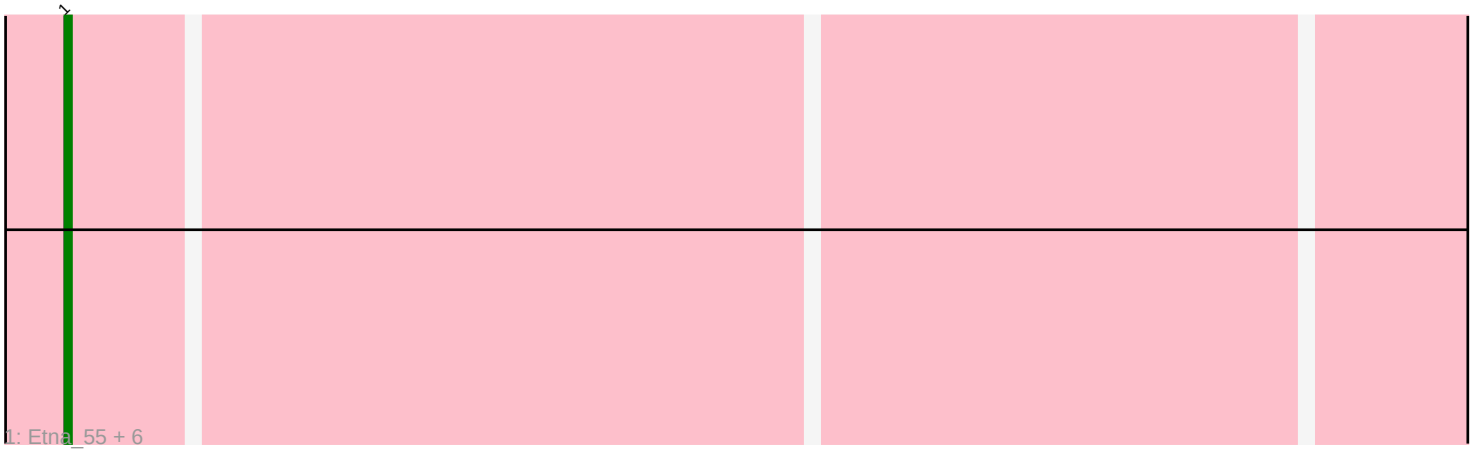
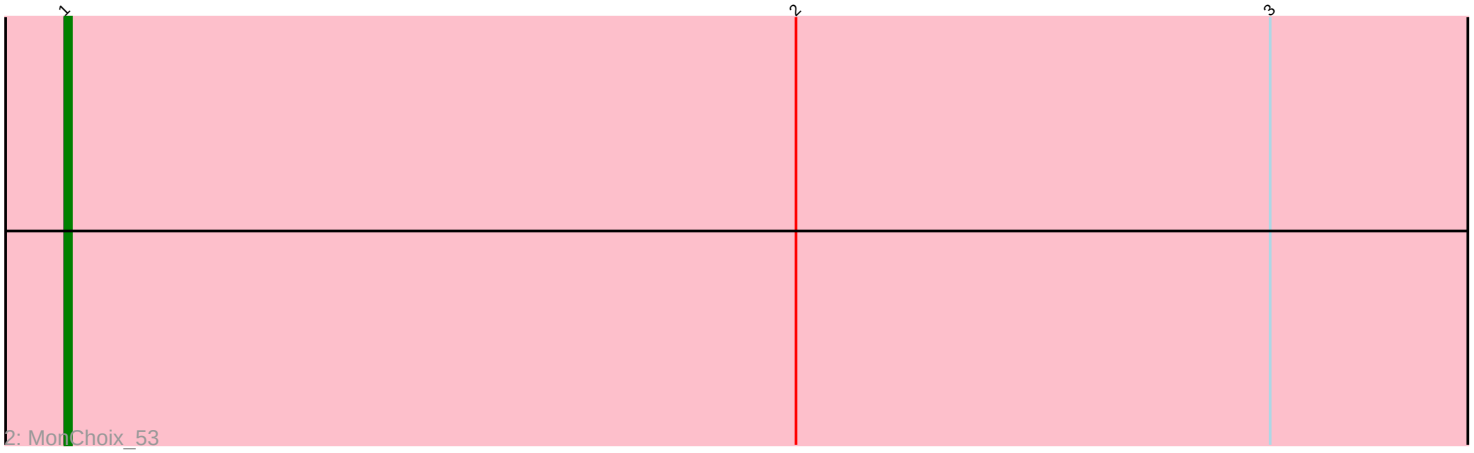
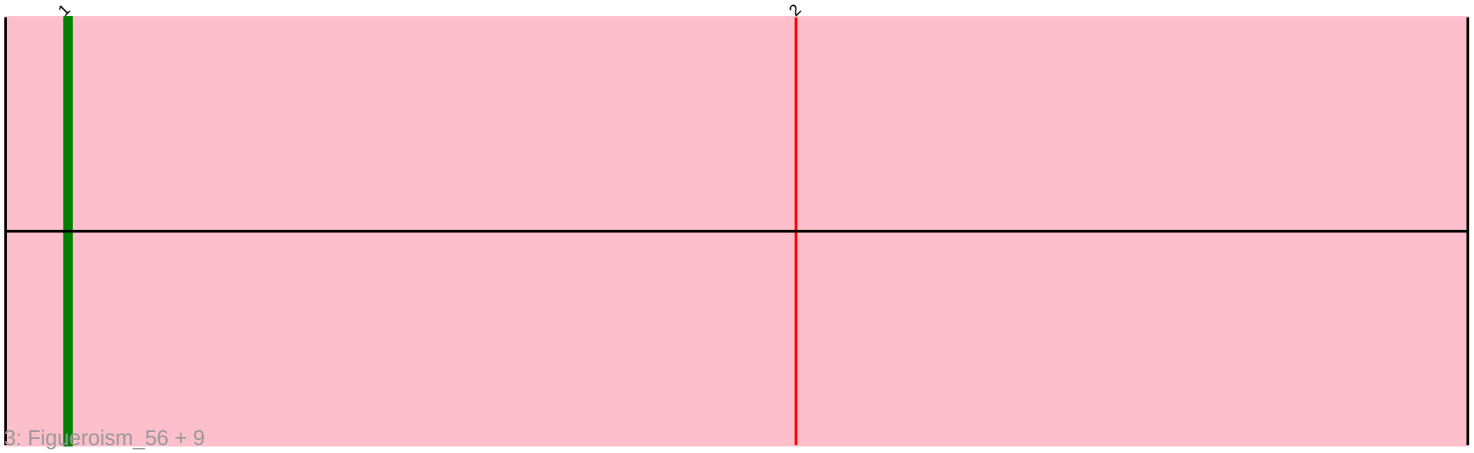
Pham 346216







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 346216 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346216 has 18 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Etna_55, Schnapsidee_55, Aleyra_55, PhillyPhantom_55, Agente005_55, Leafus_55, Anilorac_54
• Track 2 : MonChoix_53
• Track 3 : Figueroism_56, Soror1_54, BeeBee8_56, Redfield_55, Raccoon_55, KingJulien_54, Stormbreaker8_54, Hamlet_55, Balsa_54, Peppino_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 16 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Agente005_55, Aleyra_55, Anilorac_54, Balsa_54, BeeBee8_56, Etna_55, Figueroism_56, Hamlet_55, KingJulien_54, Leafus_55, MonChoix_53, Peppino_55, PhillyPhantom_55, Raccoon_55, Redfield_55, Schnapsidee_55, Soror1_54, Stormbreaker8_54,

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 18 of 18 (100.0%) of genes in pham
• Manual Annotations of this start: 16 of 16
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Agente005_55 (EA1), Aleyra_55 (EA1), Anilorac_54 (EA1), Balsa_54 (EA1), BeeBee8_56 (EA1), Etna_55 (EA1), Figueroism_56 (EA1), Hamlet_55 (EA1), KingJulien_54 (EA1), Leafus_55 (EA1), MonChoix_53 (EA1), Peppino_55 (EA1), PhillyPhantom_55 (EA1), Raccoon_55 (EA1), Redfield_55 (EA1), Schnapsidee_55 (EA1), Soror1_54 (EA1),

Stormbreaker8_54 (EA1),

Summary by clusters:

There is one cluster represented in this pham: EA1

Info for manual annotations of cluster EA1:
•Start number 1 was manually annotated 16 times for cluster EA1.

Gene Information:

Gene: Agente005_55 Start: 38139, Stop: 37906, Start Num: 1
Candidate Starts for Agente005_55:
(Start: 1 @38139 has 16 MA's),

Gene: Aleyra_55 Start: 38144, Stop: 37911, Start Num: 1
Candidate Starts for Aleyra_55:
(Start: 1 @38144 has 16 MA's),

Gene: Anilorac_54 Start: 38046, Stop: 37813, Start Num: 1
Candidate Starts for Anilorac_54:
(Start: 1 @38046 has 16 MA's),

Gene: Balsa_54 Start: 38170, Stop: 37931, Start Num: 1
Candidate Starts for Balsa_54:
(Start: 1 @38170 has 16 MA's), (2, 38059),

Gene: BeeBee8_56 Start: 38344, Stop: 38105, Start Num: 1
Candidate Starts for BeeBee8_56:
(Start: 1 @38344 has 16 MA's), (2, 38233),

Gene: Etna_55 Start: 38217, Stop: 37984, Start Num: 1
Candidate Starts for Etna_55:
(Start: 1 @38217 has 16 MA's),

Gene: Figueroism_56 Start: 38333, Stop: 38091, Start Num: 1
Candidate Starts for Figueroism_56:
(Start: 1 @38333 has 16 MA's), (2, 38222),

Gene: Hamlet_55 Start: 38263, Stop: 38024, Start Num: 1
Candidate Starts for Hamlet_55:
(Start: 1 @38263 has 16 MA's), (2, 38152),

Gene: KingJulien_54 Start: 38058, Stop: 37822, Start Num: 1
Candidate Starts for KingJulien_54:
(Start: 1 @38058 has 16 MA's), (2, 37950),

Gene: Leafus_55 Start: 38320, Stop: 38087, Start Num: 1
Candidate Starts for Leafus_55:
(Start: 1 @38320 has 16 MA's),

Gene: MonChoix_53 Start: 37979, Stop: 37737, Start Num: 1
Candidate Starts for MonChoix_53:
(Start: 1 @37979 has 16 MA's), (2, 37868), (3, 37796),

Gene: Peppino_55 Start: 38156, Stop: 37917, Start Num: 1
Candidate Starts for Peppino_55:
(Start: 1 @38156 has 16 MA's), (2, 38045),

Gene: PhillyPhantom_55 Start: 38151, Stop: 37918, Start Num: 1
Candidate Starts for PhillyPhantom_55:
(Start: 1 @38151 has 16 MA's),

Gene: Raccoon_55 Start: 38127, Stop: 37888, Start Num: 1
Candidate Starts for Raccoon_55:
(Start: 1 @38127 has 16 MA's), (2, 38016),

Gene: Redfield_55 Start: 38166, Stop: 37930, Start Num: 1
Candidate Starts for Redfield_55:
(Start: 1 @38166 has 16 MA's), (2, 38058),

Gene: Schnapsidee_55 Start: 38192, Stop: 37962, Start Num: 1
Candidate Starts for Schnapsidee_55:
(Start: 1 @38192 has 16 MA's),

Gene: Soror1_54 Start: 38073, Stop: 37837, Start Num: 1
Candidate Starts for Soror1_54:
(Start: 1 @38073 has 16 MA's), (2, 37965),

Gene: Stormbreaker8_54 Start: 38059, Stop: 37823, Start Num: 1
Candidate Starts for Stormbreaker8_54:
(Start: 1 @38059 has 16 MA's), (2, 37951),