Pham 106740

4
6
8
11
1: Hankly_88
4
6
8
9
2: Elsa_87 + 3
4
5
6
8
3: Xenomorph_84 + 2
4
6
7
8
9
4: GoCrazy_84
4
6
7
8
9
11
5: KeaneyLin_86 + 1
1
2
3
4
6
10
6: TripleJ_78

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 106740 Report

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

Pham number 106740 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Hankly_88
• Track 2 : Elsa_87, Correa_85, Nason_87, Arcadia_87
• Track 3 : Xenomorph_84, Dynamite_89, NapoleonB_90
• Track 4 : GoCrazy_84
• Track 5 : KeaneyLin_86, Circum_89
• Track 6 : TripleJ_78

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

The start number called the most often in the published annotations is 4, it was called in 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Arcadia_87, Circum_89, Correa_85, Dynamite_89, Elsa_87, GoCrazy_84, Hankly_88, KeaneyLin_86, NapoleonB_90, Nason_87, TripleJ_78, Xenomorph_84,

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 4:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Arcadia_87 (AM), Circum_89 (AM), Correa_85 (AM), Dynamite_89 (AM), Elsa_87 (AM), GoCrazy_84 (AM), Hankly_88 (AM), KeaneyLin_86 (AM), NapoleonB_90 (AM), Nason_87 (AM), TripleJ_78 (FJ), Xenomorph_84 (AM),

Summary by clusters:

There are 2 clusters represented in this pham: FJ, AM,

Info for manual annotations of cluster AM:
•Start number 4 was manually annotated 11 times for cluster AM.

Info for manual annotations of cluster FJ:
•Start number 4 was manually annotated 1 time for cluster FJ.

Gene Information:

Gene: Arcadia_87 Start: 51781, Stop: 51969, Start Num: 4
Candidate Starts for Arcadia_87:
(Start: 4 @51781 has 12 MA's), (6, 51853), (8, 51904), (9, 51949),

Gene: Circum_89 Start: 52193, Stop: 52381, Start Num: 4
Candidate Starts for Circum_89:
(Start: 4 @52193 has 12 MA's), (6, 52265), (7, 52307), (8, 52316), (9, 52361), (11, 52376),

Gene: Correa_85 Start: 51130, Stop: 51318, Start Num: 4
Candidate Starts for Correa_85:
(Start: 4 @51130 has 12 MA's), (6, 51202), (8, 51253), (9, 51298),

Gene: Dynamite_89 Start: 51709, Stop: 51894, Start Num: 4
Candidate Starts for Dynamite_89:
(Start: 4 @51709 has 12 MA's), (5, 51733), (6, 51781), (8, 51832),

Gene: Elsa_87 Start: 51781, Stop: 51969, Start Num: 4
Candidate Starts for Elsa_87:
(Start: 4 @51781 has 12 MA's), (6, 51853), (8, 51904), (9, 51949),

Gene: GoCrazy_84 Start: 50409, Stop: 50597, Start Num: 4
Candidate Starts for GoCrazy_84:
(Start: 4 @50409 has 12 MA's), (6, 50481), (7, 50523), (8, 50532), (9, 50577),

Gene: Hankly_88 Start: 51146, Stop: 51334, Start Num: 4
Candidate Starts for Hankly_88:
(Start: 4 @51146 has 12 MA's), (6, 51218), (8, 51269), (11, 51329),

Gene: KeaneyLin_86 Start: 51415, Stop: 51603, Start Num: 4
Candidate Starts for KeaneyLin_86:
(Start: 4 @51415 has 12 MA's), (6, 51487), (7, 51529), (8, 51538), (9, 51583), (11, 51598),

Gene: NapoleonB_90 Start: 51709, Stop: 51894, Start Num: 4
Candidate Starts for NapoleonB_90:
(Start: 4 @51709 has 12 MA's), (5, 51733), (6, 51781), (8, 51832),

Gene: Nason_87 Start: 51781, Stop: 51969, Start Num: 4
Candidate Starts for Nason_87:
(Start: 4 @51781 has 12 MA's), (6, 51853), (8, 51904), (9, 51949),

Gene: TripleJ_78 Start: 42213, Stop: 42425, Start Num: 4
Candidate Starts for TripleJ_78:
(1, 42048), (2, 42126), (3, 42132), (Start: 4 @42213 has 12 MA's), (6, 42285), (10, 42390),

Gene: Xenomorph_84 Start: 51998, Stop: 52183, Start Num: 4
Candidate Starts for Xenomorph_84:
(Start: 4 @51998 has 12 MA's), (5, 52022), (6, 52070), (8, 52121),