Pham 295184


5
6
8
1: AFIS_80 + 11
5
6
8
10
2: Naira_87
5
6
8
3: Phlippers_81
3
4: Awesomesauce_82
1
2
4
7
8
9
10
5: Juniper1_81

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 295184 Report

This analysis was run 04/18/26 on database version 643.

Pham number 295184 has 16 members, 1 are drafts.

Phages represented in each track:
• Track 1 : AFIS_80, NEHalo_79, Peterson_82, Arcanine_86, CactusRose_86, Nerujay_87, Ohno789_86, MrGordo_85, Bigfoot_78, Topgun_79, Wilkins_80, Slagathor_83
• Track 2 : Naira_87
• Track 3 : Phlippers_81
• Track 4 : Awesomesauce_82
• Track 5 : Juniper1_81

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

The start number called the most often in the published annotations is 5, it was called in 13 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AFIS_80, Arcanine_86, Bigfoot_78, CactusRose_86, MrGordo_85, NEHalo_79, Naira_87, Nerujay_87, Ohno789_86, Peterson_82, Slagathor_83, Topgun_79, Wilkins_80,

Genes that have the "Most Annotated" start but do not call it:
• Phlippers_81,

Genes that do not have the "Most Annotated" start:
• Awesomesauce_82, Juniper1_81,

Summary by start number:

Start 2:
• Found in 1 of 16 (6.2%) of genes in pham
• Manual Annotations of this start: 1 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Juniper1_81 (F1),

Start 3:
• Found in 1 of 16 (6.2%) of genes in pham

• Manual Annotations of this start: 1 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Awesomesauce_82 (F1),

Start 5:
• Found in 14 of 16 (87.5%) of genes in pham
• Manual Annotations of this start: 13 of 15
• Called 92.9% of time when present
• Phage (with cluster) where this start called: AFIS_80 (A1), Arcanine_86 (A1), Bigfoot_78 (A1), CactusRose_86 (A1), MrGordo_85 (A1), NEHalo_79 (A1), Naira_87 (A1), Nerujay_87 (A1), Ohno789_86 (A1), Peterson_82 (A1), Slagathor_83 (A1), Topgun_79 (A1), Wilkins_80 (A1),

Start 6:
• Found in 14 of 16 (87.5%) of genes in pham
• No Manual Annotations of this start.
• Called 7.1% of time when present
• Phage (with cluster) where this start called: Phlippers_81 (A1),

Summary by clusters:

There are 2 clusters represented in this pham: A1, F1,

Info for manual annotations of cluster A1:
•Start number 5 was manually annotated 13 times for cluster A1.

Info for manual annotations of cluster F1:
•Start number 2 was manually annotated 1 time for cluster F1.
•Start number 3 was manually annotated 1 time for cluster F1.

Gene Information:

Gene: AFIS_80 Start: 48812, Stop: 48627, Start Num: 5
Candidate Starts for AFIS_80:
(Start: 5 @48812 has 13 MA's), (6, 48773), (8, 48683),

Gene: Arcanine_86 Start: 49888, Stop: 49706, Start Num: 5
Candidate Starts for Arcanine_86:
(Start: 5 @49888 has 13 MA's), (6, 49849), (8, 49759),

Gene: Awesomesauce_82 Start: 50258, Stop: 50470, Start Num: 3
Candidate Starts for Awesomesauce_82:
(Start: 3 @50258 has 1 MA's),

Gene: Bigfoot_78 Start: 48202, Stop: 48020, Start Num: 5
Candidate Starts for Bigfoot_78:
(Start: 5 @48202 has 13 MA's), (6, 48163), (8, 48073),

Gene: CactusRose_86 Start: 49219, Stop: 49037, Start Num: 5
Candidate Starts for CactusRose_86:
(Start: 5 @49219 has 13 MA's), (6, 49180), (8, 49090),

Gene: Juniper1_81 Start: 49044, Stop: 49265, Start Num: 2
Candidate Starts for Juniper1_81:
(1, 49032), (Start: 2 @49044 has 1 MA's), (4, 49059), (7, 49194), (8, 49206), (9, 49218), (10, 49251),

Gene: MrGordo_85 Start: 47880, Stop: 47698, Start Num: 5
Candidate Starts for MrGordo_85:
(Start: 5 @47880 has 13 MA's), (6, 47841), (8, 47751),

Gene: NEHalo_79 Start: 47622, Stop: 47437, Start Num: 5
Candidate Starts for NEHalo_79:
(Start: 5 @47622 has 13 MA's), (6, 47583), (8, 47493),

Gene: Naira_87 Start: 49559, Stop: 49377, Start Num: 5
Candidate Starts for Naira_87:
(Start: 5 @49559 has 13 MA's), (6, 49520), (8, 49430), (10, 49385),

Gene: Nerujay_87 Start: 50194, Stop: 50012, Start Num: 5
Candidate Starts for Nerujay_87:
(Start: 5 @50194 has 13 MA's), (6, 50155), (8, 50065),

Gene: Ohno789_86 Start: 49851, Stop: 49666, Start Num: 5
Candidate Starts for Ohno789_86:
(Start: 5 @49851 has 13 MA's), (6, 49812), (8, 49722),

Gene: Peterson_82 Start: 49513, Stop: 49331, Start Num: 5
Candidate Starts for Peterson_82:
(Start: 5 @49513 has 13 MA's), (6, 49474), (8, 49384),

Gene: Phlippers_81 Start: 49568, Stop: 49425, Start Num: 6
Candidate Starts for Phlippers_81:
(Start: 5 @49607 has 13 MA's), (6, 49568), (8, 49478),

Gene: Slagathor_83 Start: 49196, Stop: 49014, Start Num: 5
Candidate Starts for Slagathor_83:
(Start: 5 @49196 has 13 MA's), (6, 49157), (8, 49067),

Gene: Topgun_79 Start: 46770, Stop: 46588, Start Num: 5
Candidate Starts for Topgun_79:
(Start: 5 @46770 has 13 MA's), (6, 46731), (8, 46641),

Gene: Wilkins_80 Start: 46700, Stop: 46518, Start Num: 5
Candidate Starts for Wilkins_80:
(Start: 5 @46700 has 13 MA's), (6, 46661), (8, 46571),