Pham 347979


5
8
10
11
16
1: Soups_84 + 14
5
8
9
2: Waits_84 + 3
5
8
9
11
3: Anon_81
5
8
9
11
13
14
4: Elle_79
5
8
11
12
17
18
5: Warrior24_85 + 1
1
2
3
4
6
7
8
9
15
19
6: LogiBear_76

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 347979 Report

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

Pham number 347979 has 24 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Soups_84, ShayRa_83, Epsocamisio_82, Remus_85, LastResort_83, Boohoo_84, Nebulosus_82, Anaysia_85, Ravana_86, Strosahl_85, KatherineG_85, ReMo_83, Switzerland_83, Rosalind_83, JSwag_85
• Track 2 : Waits_84, MinecraftSteve_85, DekHockey33_86, Battleship_87
• Track 3 : Anon_81
• Track 4 : Elle_79
• Track 5 : Warrior24_85, Oofda_84
• Track 6 : LogiBear_76

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 23 of the 23 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_85, Anon_81, Battleship_87, Boohoo_84, DekHockey33_86, Elle_79, Epsocamisio_82, JSwag_85, KatherineG_85, LastResort_83, MinecraftSteve_85, Nebulosus_82, Oofda_84, Ravana_86, ReMo_83, Remus_85, Rosalind_83, ShayRa_83, Soups_84, Strosahl_85, Switzerland_83, Waits_84, Warrior24_85,

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

Genes that do not have the "Most Annotated" start:
• LogiBear_76,

Summary by start number:

Start 4:
• Found in 1 of 24 (4.2%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LogiBear_76 (A15),

Start 5:
• Found in 23 of 24 (95.8%) of genes in pham
• Manual Annotations of this start: 23 of 23
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anaysia_85 (A15), Anon_81 (A15), Battleship_87 (A15), Boohoo_84 (A15), DekHockey33_86 (A15), Elle_79 (A15), Epsocamisio_82 (A15), JSwag_85 (A15), KatherineG_85 (A15), LastResort_83 (A15), MinecraftSteve_85 (A15), Nebulosus_82 (A15), Oofda_84 (A15), Ravana_86 (A15), ReMo_83 (A15), Remus_85 (A15), Rosalind_83 (A15), ShayRa_83 (A15), Soups_84 (A15), Strosahl_85 (A15), Switzerland_83 (A15), Waits_84 (A15), Warrior24_85 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:
•Start number 5 was manually annotated 23 times for cluster A15.

Gene Information:

Gene: Anaysia_85 Start: 46571, Stop: 46323, Start Num: 5
Candidate Starts for Anaysia_85:
(Start: 5 @46571 has 23 MA's), (8, 46499), (10, 46439), (11, 46427), (16, 46373),

Gene: Anon_81 Start: 45893, Stop: 45642, Start Num: 5
Candidate Starts for Anon_81:
(Start: 5 @45893 has 23 MA's), (8, 45818), (9, 45788), (11, 45746),

Gene: Battleship_87 Start: 46417, Stop: 46178, Start Num: 5
Candidate Starts for Battleship_87:
(Start: 5 @46417 has 23 MA's), (8, 46354), (9, 46324),

Gene: Boohoo_84 Start: 45888, Stop: 45640, Start Num: 5
Candidate Starts for Boohoo_84:
(Start: 5 @45888 has 23 MA's), (8, 45816), (10, 45756), (11, 45744), (16, 45690),

Gene: DekHockey33_86 Start: 46502, Stop: 46263, Start Num: 5
Candidate Starts for DekHockey33_86:
(Start: 5 @46502 has 23 MA's), (8, 46439), (9, 46409),

Gene: Elle_79 Start: 45247, Stop: 44987, Start Num: 5
Candidate Starts for Elle_79:
(Start: 5 @45247 has 23 MA's), (8, 45172), (9, 45142), (11, 45100), (13, 45070), (14, 45067),

Gene: Epsocamisio_82 Start: 45801, Stop: 45553, Start Num: 5
Candidate Starts for Epsocamisio_82:
(Start: 5 @45801 has 23 MA's), (8, 45729), (10, 45669), (11, 45657), (16, 45603),

Gene: JSwag_85 Start: 46086, Stop: 45838, Start Num: 5
Candidate Starts for JSwag_85:

(Start: 5 @46086 has 23 MA's), (8, 46014), (10, 45954), (11, 45942), (16, 45888),

Gene: KatherineG_85 Start: 46398, Stop: 46150, Start Num: 5
Candidate Starts for KatherineG_85:
(Start: 5 @46398 has 23 MA's), (8, 46326), (10, 46266), (11, 46254), (16, 46200),

Gene: LastResort_83 Start: 46329, Stop: 46081, Start Num: 5
Candidate Starts for LastResort_83:
(Start: 5 @46329 has 23 MA's), (8, 46257), (10, 46197), (11, 46185), (16, 46131),

Gene: LogiBear_76 Start: 44329, Stop: 44021, Start Num: 4
Candidate Starts for LogiBear_76:
(1, 44587), (2, 44443), (3, 44422), (4, 44329), (6, 44320), (7, 44293), (8, 44248), (9, 44218), (15, 44113), (19, 44068),

Gene: MinecraftSteve_85 Start: 46213, Stop: 45974, Start Num: 5
Candidate Starts for MinecraftSteve_85:
(Start: 5 @46213 has 23 MA's), (8, 46150), (9, 46120),

Gene: Nebulosus_82 Start: 45886, Stop: 45638, Start Num: 5
Candidate Starts for Nebulosus_82:
(Start: 5 @45886 has 23 MA's), (8, 45814), (10, 45754), (11, 45742), (16, 45688),

Gene: Oofda_84 Start: 46189, Stop: 45929, Start Num: 5
Candidate Starts for Oofda_84:
(Start: 5 @46189 has 23 MA's), (8, 46123), (11, 46051), (12, 46042), (17, 45976), (18, 45961),

Gene: Ravana_86 Start: 47589, Stop: 47341, Start Num: 5
Candidate Starts for Ravana_86:
(Start: 5 @47589 has 23 MA's), (8, 47517), (10, 47457), (11, 47445), (16, 47391),

Gene: ReMo_83 Start: 46326, Stop: 46078, Start Num: 5
Candidate Starts for ReMo_83:
(Start: 5 @46326 has 23 MA's), (8, 46254), (10, 46194), (11, 46182), (16, 46128),

Gene: Remus_85 Start: 46256, Stop: 46008, Start Num: 5
Candidate Starts for Remus_85:
(Start: 5 @46256 has 23 MA's), (8, 46184), (10, 46124), (11, 46112), (16, 46058),

Gene: Rosalind_83 Start: 46150, Stop: 45902, Start Num: 5
Candidate Starts for Rosalind_83:
(Start: 5 @46150 has 23 MA's), (8, 46078), (10, 46018), (11, 46006), (16, 45952),

Gene: ShayRa_83 Start: 44958, Stop: 44710, Start Num: 5
Candidate Starts for ShayRa_83:
(Start: 5 @44958 has 23 MA's), (8, 44886), (10, 44826), (11, 44814), (16, 44760),

Gene: Soups_84 Start: 46045, Stop: 45797, Start Num: 5
Candidate Starts for Soups_84:
(Start: 5 @46045 has 23 MA's), (8, 45973), (10, 45913), (11, 45901), (16, 45847),

Gene: Strosahl_85 Start: 46256, Stop: 46008, Start Num: 5
Candidate Starts for Strosahl_85:

(Start: 5 @46256 has 23 MA's), (8, 46184), (10, 46124), (11, 46112), (16, 46058),

Gene: Switzerland_83 Start: 45927, Stop: 45679, Start Num: 5
Candidate Starts for Switzerland_83:
(Start: 5 @45927 has 23 MA's), (8, 45855), (10, 45795), (11, 45783), (16, 45729),

Gene: Waits_84 Start: 46147, Stop: 45908, Start Num: 5
Candidate Starts for Waits_84:
(Start: 5 @46147 has 23 MA's), (8, 46084), (9, 46054),

Gene: Warrior24_85 Start: 46645, Stop: 46385, Start Num: 5
Candidate Starts for Warrior24_85:
(Start: 5 @46645 has 23 MA's), (8, 46579), (11, 46507), (12, 46498), (17, 46432), (18, 46417),