Pham 198524


6
7
9
1: Annadreamy_155 + 1
6
7
9
2: Kenrey_175 + 5
6
7
9
11
12
3: Patelgo_170
1
2
3
7
8
9
10
13
4: Moab_169
1
4
5
8
9
10
14
5: Blueeyedbeauty_163
6
15
6: Wakanda_179 + 1

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 198524 Report

This analysis was run 01/18/25 on database version 583.

Pham number 198524 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Annadreamy_155, Limpid_162
• Track 2 : Kenrey_175, SparkleGoddess_167, Phredrick_173, Gilson_171, Emma1919_172, MeganTheeKilla_171
• Track 3 : Patelgo_170
• Track 4 : Moab_169
• Track 5 : Blueeyedbeauty_163
• Track 6 : Wakanda_179, Muntaha_181

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

The start number called the most often in the published annotations is 6, it was called in 11 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annadreamy_155, Emma1919_172, Gilson_171, Kenrey_175, Limpid_162, MeganTheeKilla_171, Muntaha_181, Patelgo_170, Phredrick_173, SparkleGoddess_167, Wakanda_179,

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

Genes that do not have the "Most Annotated" start:
• Blueeyedbeauty_163, Moab_169,

Summary by start number:

Start 3:
• Found in 1 of 13 (7.7%) of genes in pham
• Manual Annotations of this start: 1 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Moab_169 (BK1),

Start 4:
• Found in 1 of 13 (7.7%) of genes in pham

• Manual Annotations of this start: 1 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Blueeyedbeauty_163 (BK1),

Start 6:
• Found in 11 of 13 (84.6%) of genes in pham
• Manual Annotations of this start: 11 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annadreamy_155 (BK1), Emma1919_172 (BK1), Gilson_171 (BK1), Kenrey_175 (BK1), Limpid_162 (BK1), MeganTheeKilla_171 (BK1), Muntaha_181 (BK2), Patelgo_170 (BK1), Phredrick_173 (BK1), SparkleGoddess_167 (BK1), Wakanda_179 (BK2),

Summary by clusters:

There are 2 clusters represented in this pham: BK1, BK2,

Info for manual annotations of cluster BK1:
•Start number 3 was manually annotated 1 time for cluster BK1.
•Start number 4 was manually annotated 1 time for cluster BK1.
•Start number 6 was manually annotated 9 times for cluster BK1.

Info for manual annotations of cluster BK2:
•Start number 6 was manually annotated 2 times for cluster BK2.

Gene Information:

Gene: Annadreamy_155 Start: 86035, Stop: 86196, Start Num: 6
Candidate Starts for Annadreamy_155:
(Start: 6 @86035 has 11 MA's), (7, 86050), (9, 86062),

Gene: Blueeyedbeauty_163 Start: 89793, Stop: 89969, Start Num: 4
Candidate Starts for Blueeyedbeauty_163:
(1, 89775), (Start: 4 @89793 has 1 MA's), (5, 89796), (8, 89832), (9, 89841), (10, 89844), (14, 89919),

Gene: Emma1919_172 Start: 90967, Stop: 91125, Start Num: 6
Candidate Starts for Emma1919_172:
(Start: 6 @90967 has 11 MA's), (7, 90982), (9, 90994),

Gene: Gilson_171 Start: 90929, Stop: 91087, Start Num: 6
Candidate Starts for Gilson_171:
(Start: 6 @90929 has 11 MA's), (7, 90944), (9, 90956),

Gene: Kenrey_175 Start: 92276, Stop: 92434, Start Num: 6
Candidate Starts for Kenrey_175:
(Start: 6 @92276 has 11 MA's), (7, 92291), (9, 92303),

Gene: Limpid_162 Start: 91348, Stop: 91509, Start Num: 6
Candidate Starts for Limpid_162:
(Start: 6 @91348 has 11 MA's), (7, 91363), (9, 91375),

Gene: MeganTheeKilla_171 Start: 90998, Stop: 91156, Start Num: 6
Candidate Starts for MeganTheeKilla_171:
(Start: 6 @90998 has 11 MA's), (7, 91013), (9, 91025),

Gene: Moab_169 Start: 93479, Stop: 93655, Start Num: 3
Candidate Starts for Moab_169:
(1, 93464), (2, 93476), (Start: 3 @93479 has 1 MA's), (7, 93515), (8, 93518), (9, 93527), (10, 93530), (13, 93566),

Gene: Muntaha_181 Start: 94020, Stop: 94169, Start Num: 6
Candidate Starts for Muntaha_181:
(Start: 6 @94020 has 11 MA's), (15, 94134),

Gene: Patelgo_170 Start: 93953, Stop: 94111, Start Num: 6
Candidate Starts for Patelgo_170:
(Start: 6 @93953 has 11 MA's), (7, 93968), (9, 93980), (11, 94007), (12, 94019),

Gene: Phredrick_173 Start: 90900, Stop: 91058, Start Num: 6
Candidate Starts for Phredrick_173:
(Start: 6 @90900 has 11 MA's), (7, 90915), (9, 90927),

Gene: SparkleGoddess_167 Start: 92270, Stop: 92428, Start Num: 6
Candidate Starts for SparkleGoddess_167:
(Start: 6 @92270 has 11 MA's), (7, 92285), (9, 92297),

Gene: Wakanda_179 Start: 93700, Stop: 93849, Start Num: 6
Candidate Starts for Wakanda_179:
(Start: 6 @93700 has 11 MA's), (15, 93814),