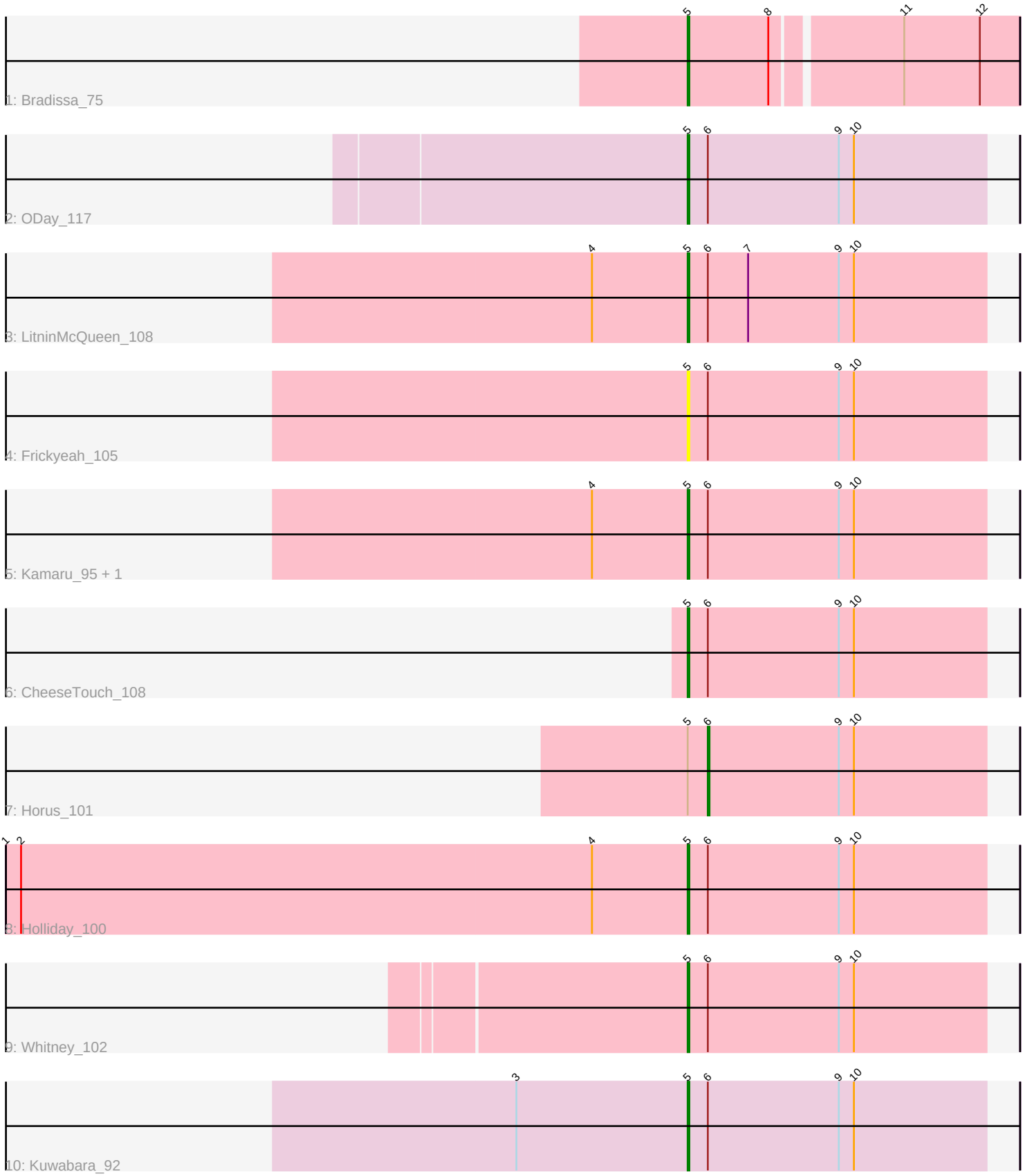
Pham 171940


5
8
11
12
1: Bradissa_75
5
6
9
10
2: ODay_117
4
5
6
7
9
10
3: LitninMcQueen_108
5
6
9
10
4: Frickyeah_105
4
5
6
9
10
5: Kamaru_95 + 1
5
6
9
10
6: CheeseTouch_108
5
6
9
10
7: Horus_101
1
2
4
5
6
9
10
8: Holliday_100
5
6
9
10
9: Whitney_102
3
5
6
9
10
10: Kuwabara_92

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 171940 Report

This analysis was run 07/10/24 on database version 566.

Pham number 171940 has 11 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Bradissa_75
• Track 2 : ODay_117
• Track 3 : LitninMcQueen_108
• Track 4 : Frickyeah_105
• Track 5 : Kamaru_95, Leroy_101
• Track 6 : CheeseTouch_108
• Track 7 : Horus_101
• Track 8 : Holliday_100
• Track 9 : Whitney_102
• Track 10 : Kuwabara_92

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 9 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bradissa_75, CheeseTouch_108, Frickyeah_105, Holliday_100, Kamaru_95, Kuwabara_92, Leroy_101, LitninMcQueen_108, ODay_117, Whitney_102,

Genes that have the "Most Annotated" start but do not call it:
• Horus_101,

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

Summary by start number:

Start 5:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 10
• Called 90.9% of time when present
• Phage (with cluster) where this start called: Bradissa_75 (CY1), CheeseTouch_108 (DN1), Frickyeah_105 (DN1), Holliday_100 (DN1), Kamaru_95 (DN1), Kuwabara_92

(DN4), Leroy_101 (DN1), LitninMcQueen_108 (DN1), ODay_117 (DN), Whitney_102 (DN1),

Start 6:
• Found in 10 of 11 (90.9%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 10.0% of time when present
• Phage (with cluster) where this start called: Horus_101 (DN1),

Summary by clusters:

There are 4 clusters represented in this pham: DN, DN4, CY1, DN1,

Info for manual annotations of cluster CY1:
•Start number 5 was manually annotated 1 time for cluster CY1.

Info for manual annotations of cluster DN:
•Start number 5 was manually annotated 1 time for cluster DN.

Info for manual annotations of cluster DN1:
•Start number 5 was manually annotated 6 times for cluster DN1.
•Start number 6 was manually annotated 1 time for cluster DN1.

Info for manual annotations of cluster DN4:
•Start number 5 was manually annotated 1 time for cluster DN4.

Gene Information:

Gene: Bradissa_75 Start: 51343, Stop: 51531, Start Num: 5
Candidate Starts for Bradissa_75:
(Start: 5 @51343 has 9 MA's), (8, 51391), (11, 51463), (12, 51508),

Gene: CheeseTouch_108 Start: 52489, Stop: 52665, Start Num: 5
Candidate Starts for CheeseTouch_108:
(Start: 5 @52489 has 9 MA's), (Start: 6 @52501 has 1 MA's), (9, 52579), (10, 52588),

Gene: Frickyeah_105 Start: 53901, Stop: 54077, Start Num: 5
Candidate Starts for Frickyeah_105:
(Start: 5 @53901 has 9 MA's), (Start: 6 @53913 has 1 MA's), (9, 53991), (10, 54000),

Gene: Holliday_100 Start: 56152, Stop: 56328, Start Num: 5
Candidate Starts for Holliday_100:
(1, 55747), (2, 55756), (4, 56095), (Start: 5 @56152 has 9 MA's), (Start: 6 @56164 has 1 MA's), (9, 56242), (10, 56251),

Gene: Horus_101 Start: 54188, Stop: 54352, Start Num: 6
Candidate Starts for Horus_101:
(Start: 5 @54176 has 9 MA's), (Start: 6 @54188 has 1 MA's), (9, 54266), (10, 54275),

Gene: Kamaru_95 Start: 52035, Stop: 52211, Start Num: 5
Candidate Starts for Kamaru_95:

(4, 51978), (Start: 5 @52035 has 9 MA's), (Start: 6 @52047 has 1 MA's), (9, 52125), (10, 52134),

Gene: Kuwabara_92 Start: 53341, Stop: 53517, Start Num: 5
Candidate Starts for Kuwabara_92:
(3, 53239), (Start: 5 @53341 has 9 MA's), (Start: 6 @53353 has 1 MA's), (9, 53431), (10, 53440),

Gene: Leroy_101 Start: 52371, Stop: 52547, Start Num: 5
Candidate Starts for Leroy_101:
(4, 52314), (Start: 5 @52371 has 9 MA's), (Start: 6 @52383 has 1 MA's), (9, 52461), (10, 52470),

Gene: LitninMcQueen_108 Start: 55800, Stop: 55976, Start Num: 5
Candidate Starts for LitninMcQueen_108:
(4, 55743), (Start: 5 @55800 has 9 MA's), (Start: 6 @55812 has 1 MA's), (7, 55836), (9, 55890), (10, 55899),

Gene: ODay_117 Start: 58087, Stop: 58263, Start Num: 5
Candidate Starts for ODay_117:
(Start: 5 @58087 has 9 MA's), (Start: 6 @58099 has 1 MA's), (9, 58177), (10, 58186),

Gene: Whitney_102 Start: 55125, Stop: 55301, Start Num: 5
Candidate Starts for Whitney_102:
(Start: 5 @55125 has 9 MA's), (Start: 6 @55137 has 1 MA's), (9, 55215), (10, 55224),