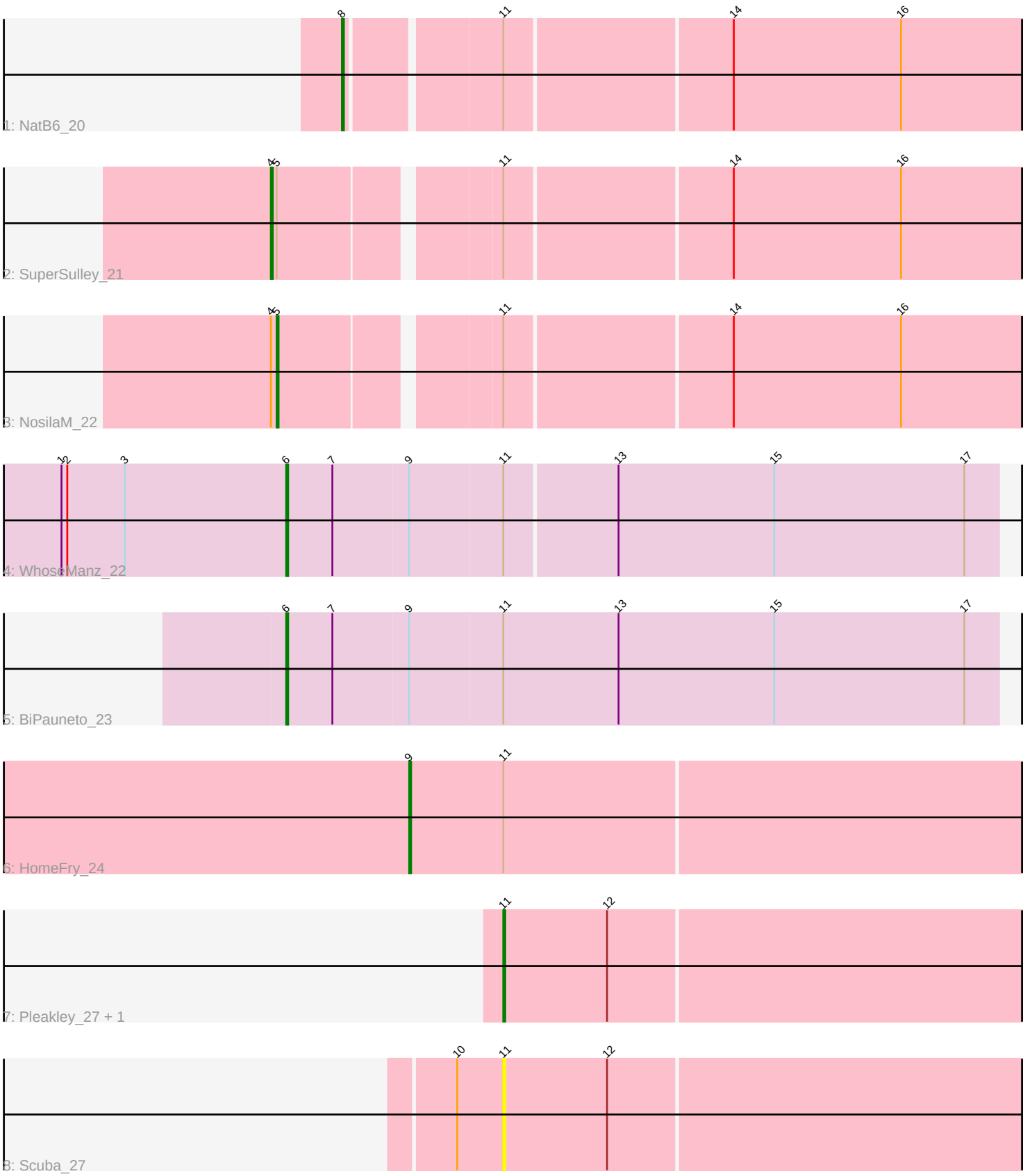
Pham 302005


8
11
14
16
1: NatB6_20
4
5
11
14
16
2: SuperSulley_21
4
5
11
14
16
3: NosilaM_22
12
3
6
7
9
11
13
15
17
4: WhoseManz_22
6
7
9
11
13
15
17
5: BiPauneto_23
9
11
6: HomeFry_24
11
12
7: Pleakley_27 + 1
10
11
12
8: Scuba_27

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 302005 Report

This analysis was run 06/08/26 on database version 649.

Pham number 302005 has 9 members, 1 are drafts.

Phages represented in each track:
• Track 1 : NatB6_20
• Track 2 : SuperSulley_21
• Track 3 : NosilaM_22
• Track 4 : WhoseManz_22
• Track 5 : BiPauneto_23
• Track 6 : HomeFry_24
• Track 7 : Pleakley_27, Fury_27
• Track 8 : Scuba_27

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

The start number called the most often in the published annotations is 11, it was called in 2 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fury_27, Pleakley_27, Scuba_27,

Genes that have the "Most Annotated" start but do not call it:
• BiPauneto_23, HomeFry_24, NatB6_20, NosilaM_22, SuperSulley_21, WhoseManz_22,

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

Summary by start number:

Start 4:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 50.0% of time when present
• Phage (with cluster) where this start called: SuperSulley_21 (CR2),

Start 5:
• Found in 2 of 9 (22.2%) of genes in pham

• Manual Annotations of this start: 1 of 8
• Called 50.0% of time when present
• Phage (with cluster) where this start called: NosilaM_22 (CR2),

Start 6:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BiPauneto_23 (CR4), WhoseManz_22 (CR4),

Start 8:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: NatB6_20 (CR2),

Start 9:
• Found in 3 of 9 (33.3%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 33.3% of time when present
• Phage (with cluster) where this start called: HomeFry_24 (CR5),

Start 11:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 8
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Fury_27 (CR5), Pleakley_27 (CR5), Scuba_27 (CR5),

Summary by clusters:

There are 3 clusters represented in this pham: CR2, CR4, CR5,

Info for manual annotations of cluster CR2:
•Start number 4 was manually annotated 1 time for cluster CR2.
•Start number 5 was manually annotated 1 time for cluster CR2.
•Start number 8 was manually annotated 1 time for cluster CR2.

Info for manual annotations of cluster CR4:
•Start number 6 was manually annotated 2 times for cluster CR4.

Info for manual annotations of cluster CR5:
•Start number 9 was manually annotated 1 time for cluster CR5.
•Start number 11 was manually annotated 2 times for cluster CR5.

Gene Information:

Gene: BiPauneto_23 Start: 9225, Stop: 9593, Start Num: 6
Candidate Starts for BiPauneto_23:

(Start: 6 @9225 has 2 MA's), (7, 9249), (Start: 9 @9288 has 1 MA's), (Start: 11 @9336 has 2 MA's), (13, 9396), (15, 9477), (17, 9576),

Gene: Fury_27 Start: 11091, Stop: 11366, Start Num: 11
Candidate Starts for Fury_27:
(Start: 11 @11091 has 2 MA's), (12, 11145),

Gene: HomeFry_24 Start: 9909, Stop: 10232, Start Num: 9
Candidate Starts for HomeFry_24:
(Start: 9 @9909 has 1 MA's), (Start: 11 @9957 has 2 MA's),

Gene: NatB6_20 Start: 10222, Stop: 10560, Start Num: 8
Candidate Starts for NatB6_20:
(Start: 8 @10222 has 1 MA's), (Start: 11 @10297 has 2 MA's), (14, 10411), (16, 10498),

Gene: NosilaM_22 Start: 10544, Stop: 10912, Start Num: 5
Candidate Starts for NosilaM_22:
(Start: 4 @10541 has 1 MA's), (Start: 5 @10544 has 1 MA's), (Start: 11 @10649 has 2 MA's), (14, 10763), (16, 10850),

Gene: Pleakley_27 Start: 11092, Stop: 11367, Start Num: 11
Candidate Starts for Pleakley_27:
(Start: 11 @11092 has 2 MA's), (12, 11146),

Gene: Scuba_27 Start: 11179, Stop: 11454, Start Num: 11
Candidate Starts for Scuba_27:
(10, 11155), (Start: 11 @11179 has 2 MA's), (12, 11233),

Gene: SuperSulley_21 Start: 9787, Stop: 10158, Start Num: 4
Candidate Starts for SuperSulley_21:
(Start: 4 @9787 has 1 MA's), (Start: 5 @9790 has 1 MA's), (Start: 11 @9895 has 2 MA's), (14, 10009), (16, 10096),

Gene: WhoseManz_22 Start: 8680, Stop: 9045, Start Num: 6
Candidate Starts for WhoseManz_22:
(1, 8563), (2, 8566), (3, 8596), (Start: 6 @8680 has 2 MA's), (7, 8704), (Start: 9 @8743 has 1 MA's), (Start: 11 @8791 has 2 MA's), (13, 8848), (15, 8929), (17, 9028),