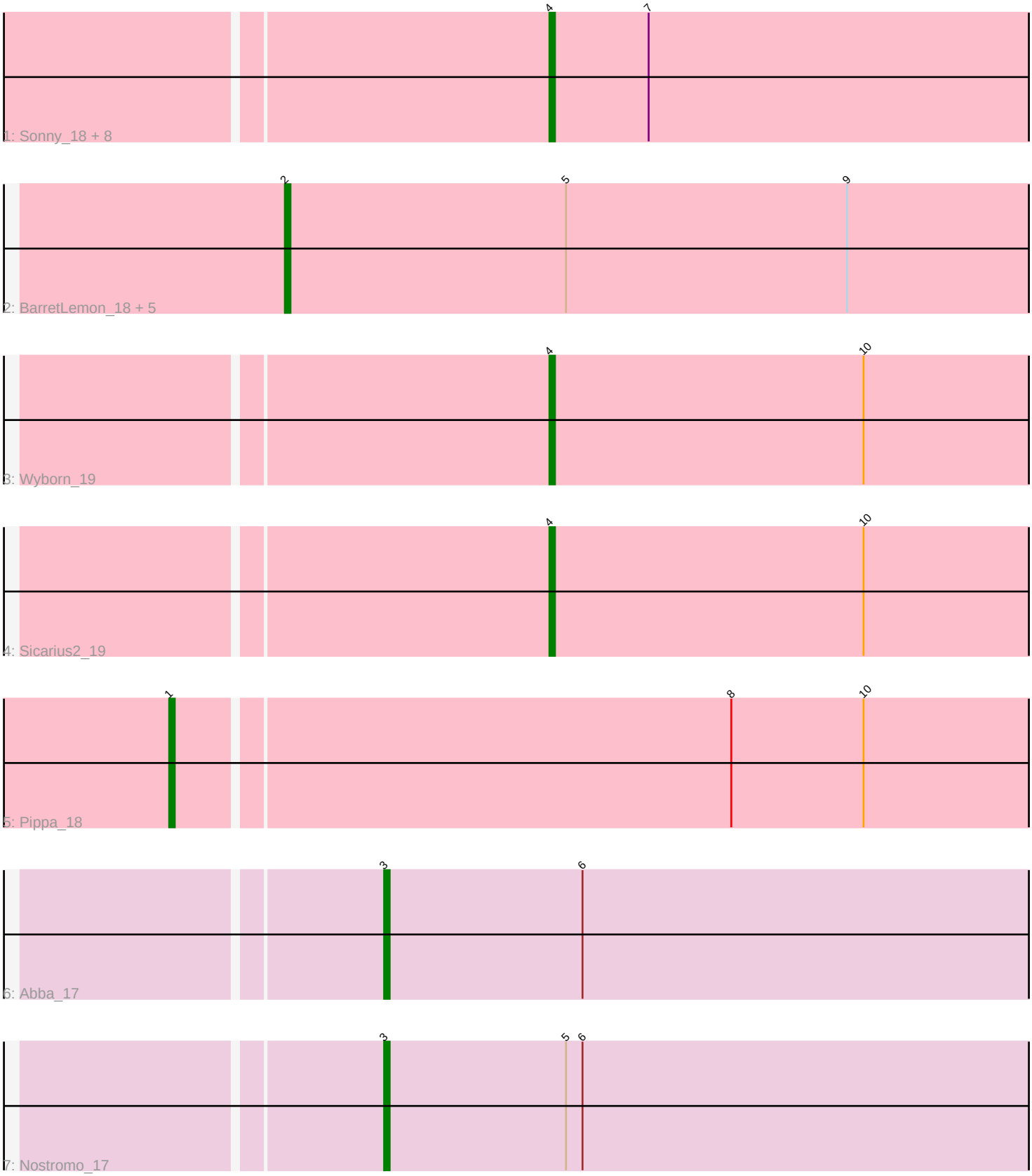
Pham 346181


4
7
1: Sonny_18 + 8
2
5
9
2: BarretLemon_18 + 5
4
10
3: Wyborn_19
4
10
4: Sicarius2_19
1
8
10
5: Pippa_18
3
6
6: Abba_17
3
5
6
7: Nostromo_17

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 346181 Report

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

Pham number 346181 has 20 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Sonny_18, Shade_18, Jordan_18, Grekaycon_18, Martha_18, Zartrosa_18, TaeYoung_18, BossLady_18, JKerns_18
• Track 2 : BarretLemon_18, LeeroyJ_18, Timinator_18, BigDome_18, StevieBAY_18, GravityBall_18
• Track 3 : Wyborn_19
• Track 4 : Sicarius2_19
• Track 5 : Pippa_18
• Track 6 : Abba_17
• Track 7 : Nostromo_17

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

The start number called the most often in the published annotations is 4, it was called in 11 of the 20 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BossLady_18, Grekaycon_18, JKerns_18, Jordan_18, Martha_18, Shade_18, Sicarius2_19, Sonny_18, TaeYoung_18, Wyborn_19, Zartrosa_18,

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

Genes that do not have the "Most Annotated" start:
• Abba_17, BarretLemon_18, BigDome_18, GravityBall_18, LeeroyJ_18, Nostromo_17, Pippa_18, StevieBAY_18, Timinator_18,

Summary by start number:

Start 1:
• Found in 1 of 20 (5.0%) of genes in pham
• Manual Annotations of this start: 1 of 20
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pippa_18 (AO2),

Start 2:
• Found in 6 of 20 (30.0%) of genes in pham
• Manual Annotations of this start: 6 of 20
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BarretLemon_18 (AO2), BigDome_18 (AO2), GravityBall_18 (AO2), LeeroyJ_18 (AO2), StevieBAY_18 (AO2), Timinator_18 (AO2),

Start 3:
• Found in 2 of 20 (10.0%) of genes in pham
• Manual Annotations of this start: 2 of 20
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Abba_17 (AO3), Nostromo_17 (AO3),

Start 4:
• Found in 11 of 20 (55.0%) of genes in pham
• Manual Annotations of this start: 11 of 20
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BossLady_18 (AO2), Grekaycon_18 (AO2), JKerns_18 (AO2), Jordan_18 (AO2), Martha_18 (AO2), Shade_18 (AO2), Sicarius2_19 (AO2), Sonny_18 (AO2), TaeYoung_18 (AO2), Wyborn_19 (AO2), Zartrosa_18 (AO2),

Summary by clusters:

There are 2 clusters represented in this pham: AO3, AO2,

Info for manual annotations of cluster AO2:
•Start number 1 was manually annotated 1 time for cluster AO2.
•Start number 2 was manually annotated 6 times for cluster AO2.
•Start number 4 was manually annotated 11 times for cluster AO2.

Info for manual annotations of cluster AO3:
•Start number 3 was manually annotated 2 times for cluster AO3.

Gene Information:

Gene: Abba_17 Start: 13343, Stop: 13483, Start Num: 3
Candidate Starts for Abba_17:
(Start: 3 @13343 has 2 MA's), (6, 13379),

Gene: BarretLemon_18 Start: 13553, Stop: 13729, Start Num: 2
Candidate Starts for BarretLemon_18:
(Start: 2 @13553 has 6 MA's), (5, 13604), (9, 13655),

Gene: BigDome_18 Start: 13541, Stop: 13717, Start Num: 2
Candidate Starts for BigDome_18:
(Start: 2 @13541 has 6 MA's), (5, 13592), (9, 13643),

Gene: BossLady_18 Start: 13616, Stop: 13744, Start Num: 4
Candidate Starts for BossLady_18:

(Start: 4 @13616 has 11 MA's), (7, 13634),

Gene: GravityBall_18 Start: 13552, Stop: 13728, Start Num: 2
Candidate Starts for GravityBall_18:
(Start: 2 @13552 has 6 MA's), (5, 13603), (9, 13654),

Gene: Grekaycon_18 Start: 13625, Stop: 13753, Start Num: 4
Candidate Starts for Grekaycon_18:
(Start: 4 @13625 has 11 MA's), (7, 13643),

Gene: JKerns_18 Start: 13652, Stop: 13780, Start Num: 4
Candidate Starts for JKerns_18:
(Start: 4 @13652 has 11 MA's), (7, 13670),

Gene: Jordan_18 Start: 13622, Stop: 13750, Start Num: 4
Candidate Starts for Jordan_18:
(Start: 4 @13622 has 11 MA's), (7, 13640),

Gene: LeeroyJ_18 Start: 13552, Stop: 13728, Start Num: 2
Candidate Starts for LeeroyJ_18:
(Start: 2 @13552 has 6 MA's), (5, 13603), (9, 13654),

Gene: Martha_18 Start: 13563, Stop: 13691, Start Num: 4
Candidate Starts for Martha_18:
(Start: 4 @13563 has 11 MA's), (7, 13581),

Gene: Nostromo_17 Start: 13554, Stop: 13694, Start Num: 3
Candidate Starts for Nostromo_17:
(Start: 3 @13554 has 2 MA's), (5, 13587), (6, 13590),

Gene: Pippa_18 Start: 13588, Stop: 13782, Start Num: 1
Candidate Starts for Pippa_18:
(Start: 1 @13588 has 1 MA's), (8, 13687), (10, 13711),

Gene: Shade_18 Start: 13601, Stop: 13729, Start Num: 4
Candidate Starts for Shade_18:
(Start: 4 @13601 has 11 MA's), (7, 13619),

Gene: Sicarius2_19 Start: 14102, Stop: 14230, Start Num: 4
Candidate Starts for Sicarius2_19:
(Start: 4 @14102 has 11 MA's), (10, 14159),

Gene: Sonny_18 Start: 13622, Stop: 13750, Start Num: 4
Candidate Starts for Sonny_18:
(Start: 4 @13622 has 11 MA's), (7, 13640),

Gene: StevieBAY_18 Start: 13552, Stop: 13728, Start Num: 2
Candidate Starts for StevieBAY_18:
(Start: 2 @13552 has 6 MA's), (5, 13603), (9, 13654),

Gene: TaeYoung_18 Start: 13626, Stop: 13754, Start Num: 4
Candidate Starts for TaeYoung_18:
(Start: 4 @13626 has 11 MA's), (7, 13644),

Gene: Timinator_18 Start: 13552, Stop: 13728, Start Num: 2
Candidate Starts for Timinator_18:
(Start: 2 @13552 has 6 MA's), (5, 13603), (9, 13654),

Gene: Wyborn_19 Start: 13963, Stop: 14091, Start Num: 4
Candidate Starts for Wyborn_19:
(Start: 4 @13963 has 11 MA's), (10, 14020),

Gene: Zartrosa_18 Start: 13625, Stop: 13753, Start Num: 4
Candidate Starts for Zartrosa_18:
(Start: 4 @13625 has 11 MA's), (7, 13643),