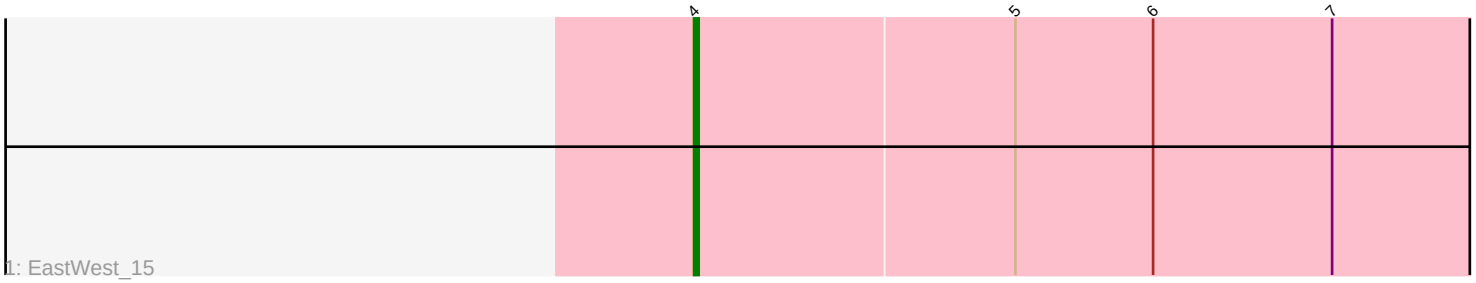
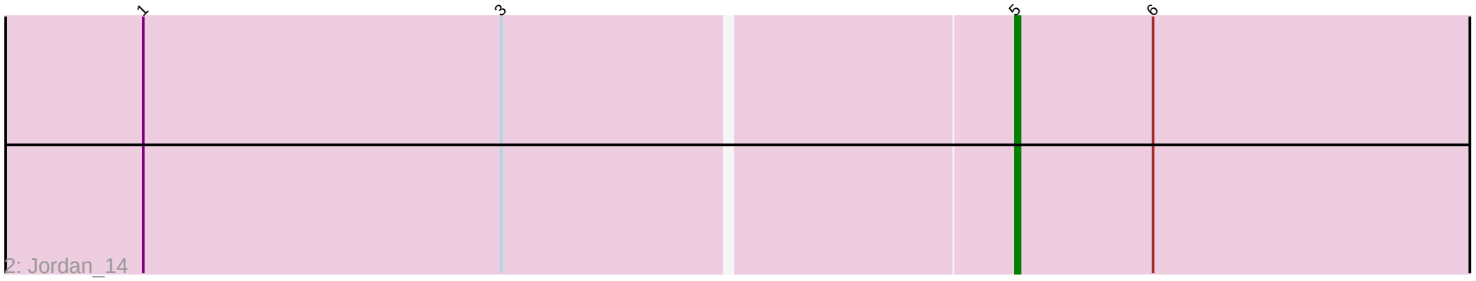
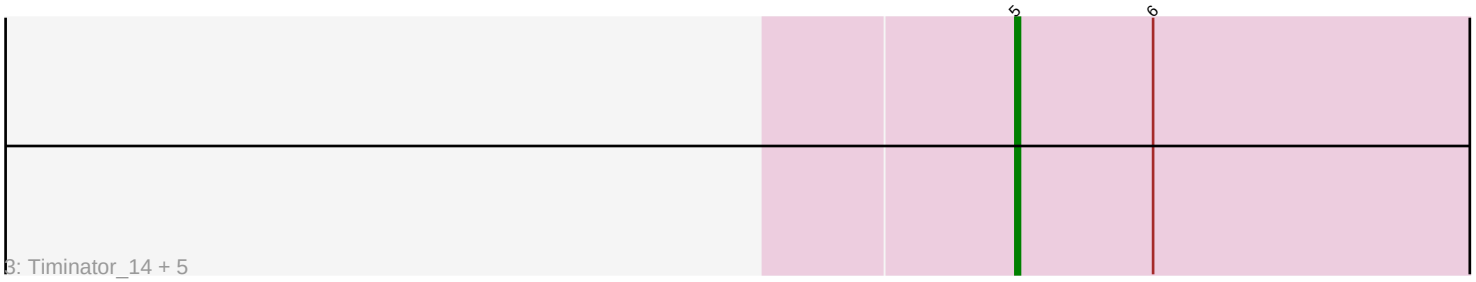
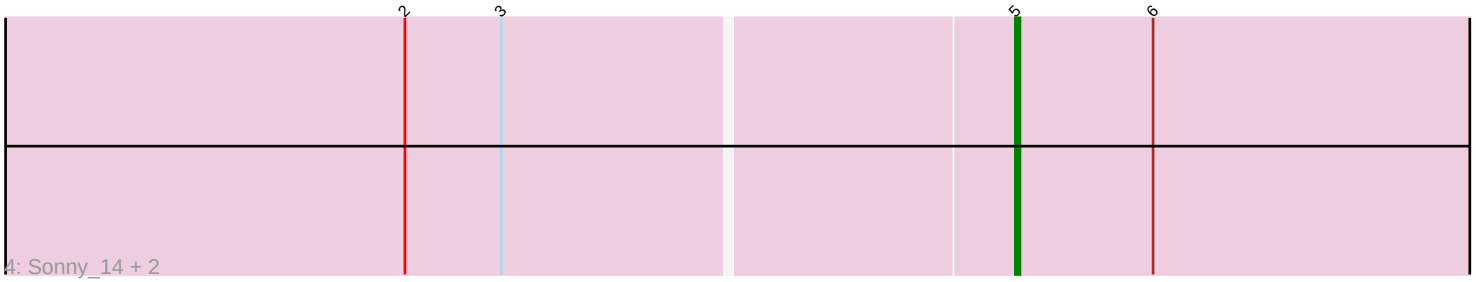
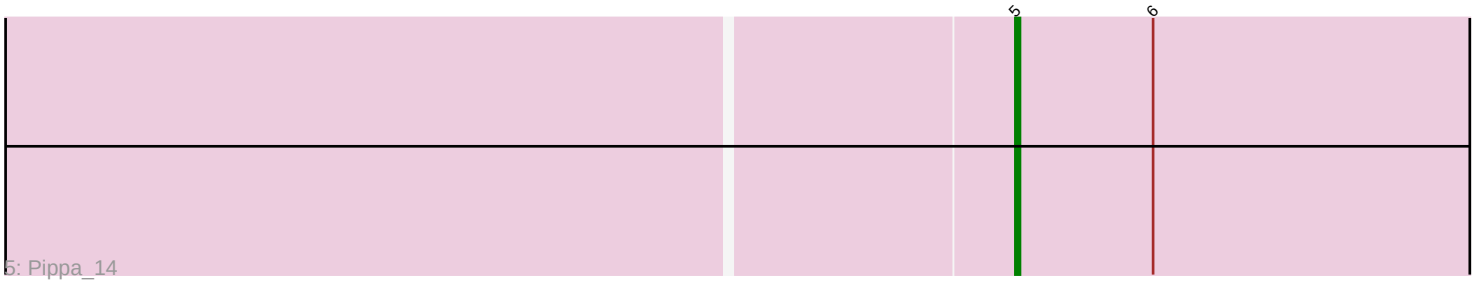
Pham 289920


4
5
6
7
1: EastWest_15


1
3
5
6
2: Jordan_14


5
6
3: Timinator_14 + 5


2
3
5
6
4: Sonny_14 + 2


5
6
5: Pippa_14

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 289920 Report

This analysis was run 03/28/26 on database version 641.

Pham number 289920 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : EastWest_15
• Track 2 : Jordan_14
• Track 3 : Timinator_14, LeeroyJ_14, GravityBall_14, BigDome_14, StevieBAY_14, BarretLemon_14
• Track 4 : Sonny_14, JKerns_14, Zartrosa_14
• Track 5 : Pippa_14

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 10 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BarretLemon_14, BigDome_14, GravityBall_14, JKerns_14, Jordan_14, LeeroyJ_14, Pippa_14, Sonny_14, StevieBAY_14, Timinator_14, Zartrosa_14,

Genes that have the "Most Annotated" start but do not call it:
• EastWest_15,

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

Summary by start number:

Start 4:
• Found in 1 of 12 (8.3%) of genes in pham
• Manual Annotations of this start: 1 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: EastWest_15 (AO),

Start 5:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 11
• Called 91.7% of time when present

• Phage (with cluster) where this start called: BarretLemon_14 (AO2), BigDome_14 (AO2), GravityBall_14 (AO2), JKerns_14 (AO2), Jordan_14 (AO2), LeeroyJ_14 (AO2), Pippa_14 (AO2), Sonny_14 (AO2), StevieBAY_14 (AO2), Timinator_14 (AO2), Zartrosa_14 (AO2),

Summary by clusters:

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

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

Info for manual annotations of cluster AO2:
•Start number 5 was manually annotated 10 times for cluster AO2.

Gene Information:

Gene: BarretLemon_14 Start: 10650, Stop: 10889, Start Num: 5
Candidate Starts for BarretLemon_14:
(Start: 5 @10650 has 10 MA's), (6, 10680),

Gene: BigDome_14 Start: 10638, Stop: 10877, Start Num: 5
Candidate Starts for BigDome_14:
(Start: 5 @10638 has 10 MA's), (6, 10668),

Gene: EastWest_15 Start: 10619, Stop: 10891, Start Num: 4
Candidate Starts for EastWest_15:
(Start: 4 @10619 has 1 MA's), (Start: 5 @10688 has 10 MA's), (6, 10718), (7, 10757),

Gene: GravityBall_14 Start: 10649, Stop: 10888, Start Num: 5
Candidate Starts for GravityBall_14:
(Start: 5 @10649 has 10 MA's), (6, 10679),

Gene: JKerns_14 Start: 10688, Stop: 10927, Start Num: 5
Candidate Starts for JKerns_14:
(2, 10559), (3, 10580), (Start: 5 @10688 has 10 MA's), (6, 10718),

Gene: Jordan_14 Start: 10658, Stop: 10897, Start Num: 5
Candidate Starts for Jordan_14:
(1, 10472), (3, 10550), (Start: 5 @10658 has 10 MA's), (6, 10688),

Gene: LeeroyJ_14 Start: 10649, Stop: 10888, Start Num: 5
Candidate Starts for LeeroyJ_14:
(Start: 5 @10649 has 10 MA's), (6, 10679),

Gene: Pippa_14 Start: 10697, Stop: 10936, Start Num: 5
Candidate Starts for Pippa_14:
(Start: 5 @10697 has 10 MA's), (6, 10727),

Gene: Sonny_14 Start: 10658, Stop: 10897, Start Num: 5
Candidate Starts for Sonny_14:

(2, 10529), (3, 10550), (Start: 5 @10658 has 10 MA's), (6, 10688),

Gene: StevieBAY_14 Start: 10649, Stop: 10888, Start Num: 5
Candidate Starts for StevieBAY_14:
(Start: 5 @10649 has 10 MA's), (6, 10679),

Gene: Timinator_14 Start: 10649, Stop: 10888, Start Num: 5
Candidate Starts for Timinator_14:
(Start: 5 @10649 has 10 MA's), (6, 10679),

Gene: Zartrosa_14 Start: 10661, Stop: 10900, Start Num: 5
Candidate Starts for Zartrosa_14:
(2, 10532), (3, 10553), (Start: 5 @10661 has 10 MA's), (6, 10691),