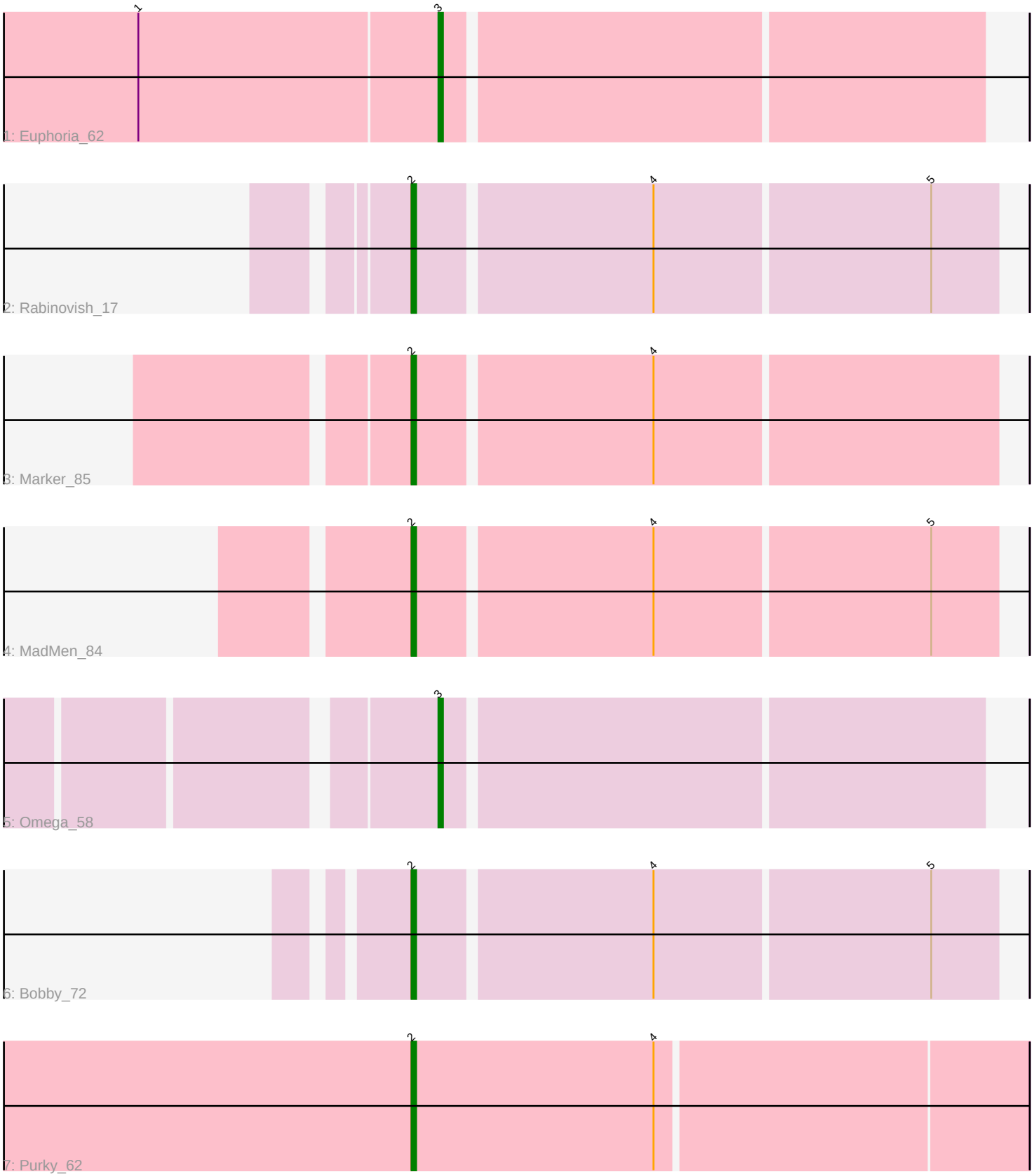
Pham 203676


1
3
1: Euphoria_62
2
4
5
2: Rabinovish_17
2
4
3: Marker_85
2
4
5
4: MadMen_84
3
5: Omega_58
2
4
5
6: Bobby_72
2
4
7: Purky_62

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 203676 Report

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

Pham number 203676 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Euphoria_62
• Track 2 : Rabinovish_17
• Track 3 : Marker_85
• Track 4 : MadMen_84
• Track 5 : Omega_58
• Track 6 : Bobby_72
• Track 7 : Purky_62

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

The start number called the most often in the published annotations is 2, it was called in 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bobby_72, MadMen_84, Marker_85, Purky_62, Rabinovish_17,

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

Genes that do not have the "Most Annotated" start:
• Euphoria_62, Omega_58,

Summary by start number:

Start 2:
• Found in 5 of 7 (71.4%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bobby_72 (J), MadMen_84 (F1), Marker_85 (F1), Purky_62 (P6), Rabinovish_17 (C1),

Start 3:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 2 of 7

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Euphoria_62 (A1), Omega_58 (J),

Summary by clusters:

There are 5 clusters represented in this pham: A1, F1, C1, J, P6,

Info for manual annotations of cluster A1:
•Start number 3 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster C1:
•Start number 2 was manually annotated 1 time for cluster C1.

Info for manual annotations of cluster F1:
•Start number 2 was manually annotated 2 times for cluster F1.

Info for manual annotations of cluster J:
•Start number 2 was manually annotated 1 time for cluster J.
•Start number 3 was manually annotated 1 time for cluster J.

Info for manual annotations of cluster P6:
•Start number 2 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: Bobby_72 Start: 49927, Stop: 49802, Start Num: 2
Candidate Starts for Bobby_72:
(Start: 2 @49927 has 5 MA's), (4, 49876), (5, 49816),

Gene: Euphoria_62 Start: 41778, Stop: 41662, Start Num: 3
Candidate Starts for Euphoria_62:
(1, 41844), (Start: 3 @41778 has 2 MA's),

Gene: MadMen_84 Start: 49021, Stop: 49146, Start Num: 2
Candidate Starts for MadMen_84:
(Start: 2 @49021 has 5 MA's), (4, 49072), (5, 49132),

Gene: Marker_85 Start: 49069, Stop: 49194, Start Num: 2
Candidate Starts for Marker_85:
(Start: 2 @49069 has 5 MA's), (4, 49120),

Gene: Omega_58 Start: 45979, Stop: 45863, Start Num: 3
Candidate Starts for Omega_58:
(Start: 3 @45979 has 2 MA's),

Gene: Purky_62 Start: 41149, Stop: 41283, Start Num: 2
Candidate Starts for Purky_62:
(Start: 2 @41149 has 5 MA's), (4, 41203),

Gene: Rabinovish_17 Start: 6899, Stop: 7024, Start Num: 2
Candidate Starts for Rabinovish_17:

(Start: 2 @6899 has 5 MA's), (4, 6950), (5, 7010),