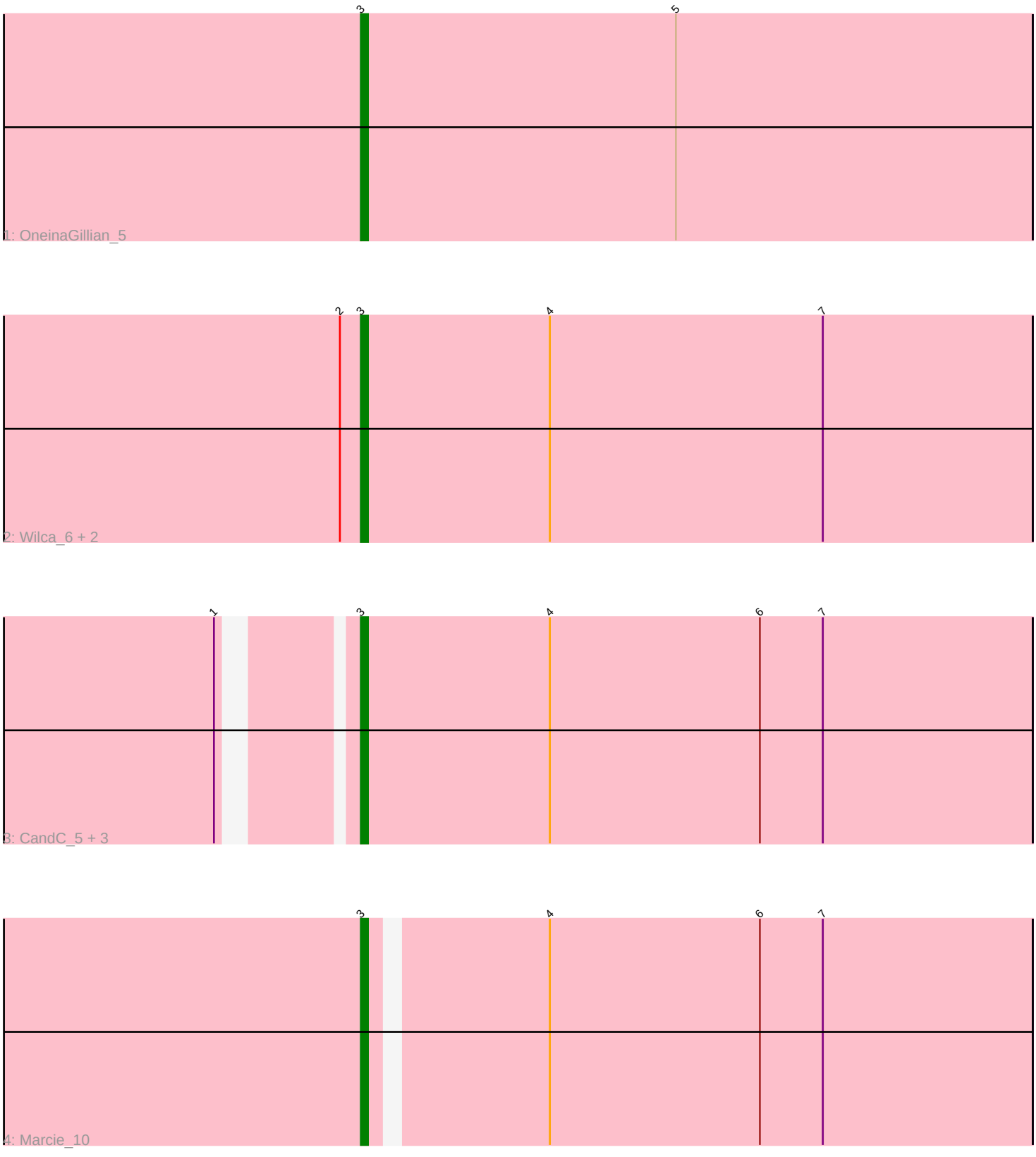
Pham 10320


3
5
1: OneinaGillian_5
2
3
4
7
2: Wilca_6 + 2
1
3
4
6
7
3: CandC_5 + 3
3
4
6
7
4: Marcie_10

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 10320 Report

This analysis was run 04/05/24 on database version 557.

Pham number 10320 has 9 members, 3 are drafts.

Phages represented in each track:
• Track 1 : OneinaGillian_5
• Track 2 : Wilca_6, Pepe25_5, BirdInFrench_6
• Track 3 : CandC_5, Romm_6, RobinRose_6, Fregley_7
• Track 4 : Marcie_10

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

The start number called the most often in the published annotations is 3, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BirdInFrench_6, CandC_5, Fregley_7, Marcie_10, OneinaGillian_5, Pepe25_5, RobinRose_6, Romm_6, Wilca_6,

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

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

Summary by start number:

Start 3:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdInFrench_6 (EG), CandC_5 (EG), Fregley_7 (EG), Marcie_10 (EG), OneinaGillian_5 (EG), Pepe25_5 (EG), RobinRose_6 (EG), Romm_6 (EG), Wilca_6 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:
•Start number 3 was manually annotated 6 times for cluster EG.

Gene Information:

Gene: BirdInFrench_6 Start: 1992, Stop: 1897, Start Num: 3
Candidate Starts for BirdInFrench_6:
(2, 1995), (Start: 3 @1992 has 6 MA's), (4, 1965), (7, 1926),

Gene: CandC_5 Start: 1765, Stop: 1670, Start Num: 3
Candidate Starts for CandC_5:
(1, 1780), (Start: 3 @1765 has 6 MA's), (4, 1738), (6, 1708), (7, 1699),

Gene: Fregley_7 Start: 2303, Stop: 2208, Start Num: 3
Candidate Starts for Fregley_7:
(1, 2318), (Start: 3 @2303 has 6 MA's), (4, 2276), (6, 2246), (7, 2237),

Gene: Marcie_10 Start: 2559, Stop: 2467, Start Num: 3
Candidate Starts for Marcie_10:
(Start: 3 @2559 has 6 MA's), (4, 2535), (6, 2505), (7, 2496),

Gene: OneinaGillian_5 Start: 1546, Stop: 1451, Start Num: 3
Candidate Starts for OneinaGillian_5:
(Start: 3 @1546 has 6 MA's), (5, 1501),

Gene: Pepe25_5 Start: 1992, Stop: 1897, Start Num: 3
Candidate Starts for Pepe25_5:
(2, 1995), (Start: 3 @1992 has 6 MA's), (4, 1965), (7, 1926),

Gene: RobinRose_6 Start: 1741, Stop: 1646, Start Num: 3
Candidate Starts for RobinRose_6:
(1, 1756), (Start: 3 @1741 has 6 MA's), (4, 1714), (6, 1684), (7, 1675),

Gene: Romm_6 Start: 1741, Stop: 1646, Start Num: 3
Candidate Starts for Romm_6:
(1, 1756), (Start: 3 @1741 has 6 MA's), (4, 1714), (6, 1684), (7, 1675),

Gene: Wilca_6 Start: 1992, Stop: 1897, Start Num: 3
Candidate Starts for Wilca_6:
(2, 1995), (Start: 3 @1992 has 6 MA's), (4, 1965), (7, 1926),