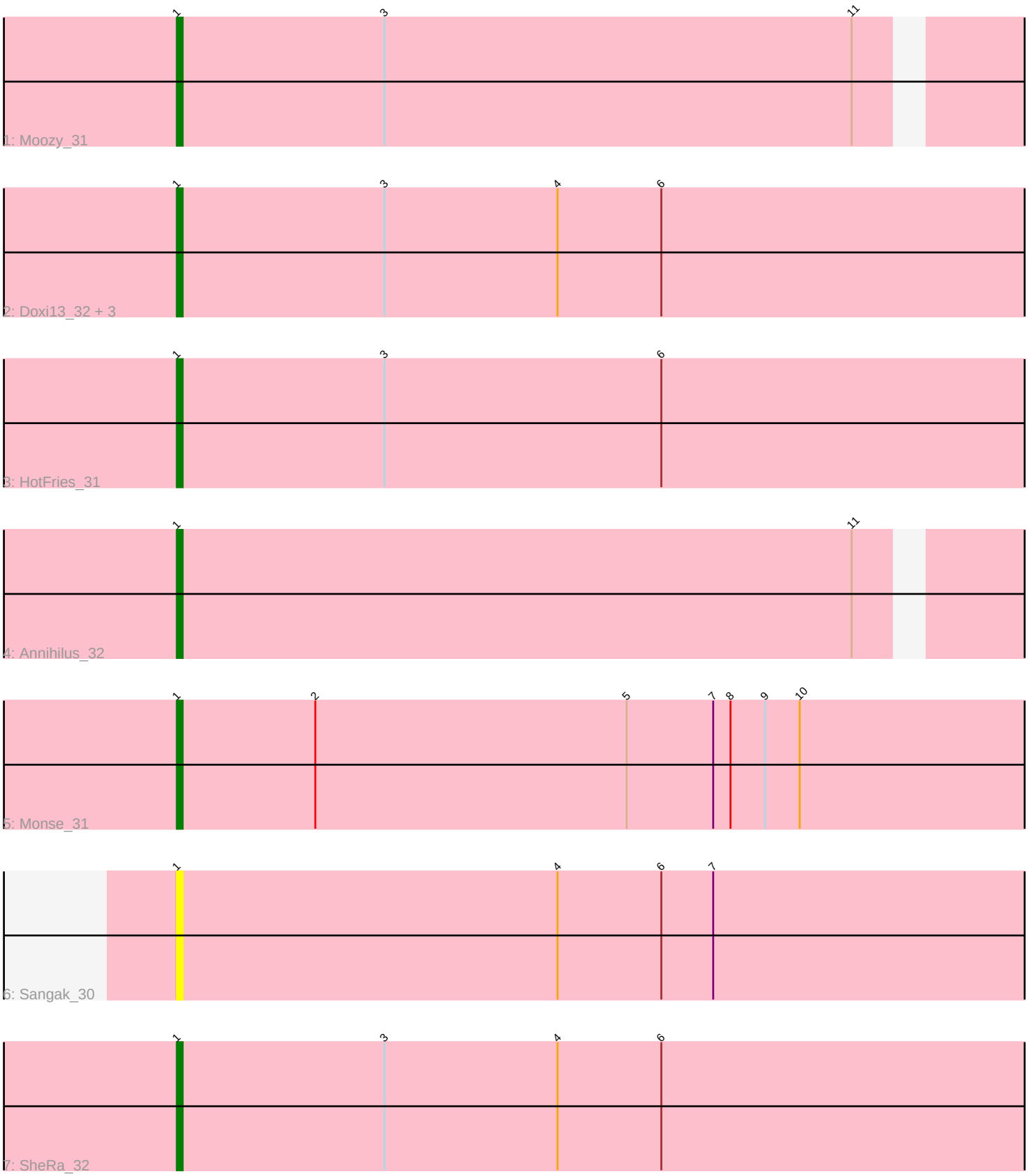
Pham 346385


1
3
11
1: Moozy_31
1
3
4
6
2: Doxi13_32 + 3
1
3
6
3: HotFries_31
1
11
4: Annihilus_32
1
2
5
7
8
9
10
5: Monse_31
1
4
6
7
6: Sangak_30
1
3
4
6
7: SheRa_32

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 346385 Report

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

Pham number 346385 has 10 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Moozy_31
• Track 2 : Doxi13_32, RavenPuff_31, PherryCruz_31, GoblinVoyage_32
• Track 3 : HotFries_31
• Track 4 : Annihilus_32
• Track 5 : Monse_31
• Track 6 : Sangak_30
• Track 7 : SheRa_32

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

The start number called the most often in the published annotations is 1, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annihilus_32, Doxi13_32, GoblinVoyage_32, HotFries_31, Monse_31, Moozy_31, PherryCruz_31, RavenPuff_31, Sangak_30, SheRa_32,

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 1:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annihilus_32 (BI2), Doxi13_32 (BI2), GoblinVoyage_32 (BI2), HotFries_31 (BI2), Monse_31 (BI2), Moozy_31 (BI2), PherryCruz_31 (BI2), RavenPuff_31 (BI2), Sangak_30 (BI2), SheRa_32 (BI2),

Summary by clusters:

There is one cluster represented in this pham: BI2

Info for manual annotations of cluster BI2:
•Start number 1 was manually annotated 9 times for cluster BI2.

Gene Information:

Gene: Annihilus_32 Start: 24659, Stop: 24838, Start Num: 1
Candidate Starts for Annihilus_32:
(Start: 1 @24659 has 9 MA's), (11, 24776),

Gene: Doxi13_32 Start: 24622, Stop: 24813, Start Num: 1
Candidate Starts for Doxi13_32:
(Start: 1 @24622 has 9 MA's), (3, 24658), (4, 24688), (6, 24706),

Gene: GoblinVoyage_32 Start: 24622, Stop: 24813, Start Num: 1
Candidate Starts for GoblinVoyage_32:
(Start: 1 @24622 has 9 MA's), (3, 24658), (4, 24688), (6, 24706),

Gene: HotFries_31 Start: 24678, Stop: 24869, Start Num: 1
Candidate Starts for HotFries_31:
(Start: 1 @24678 has 9 MA's), (3, 24714), (6, 24762),

Gene: Monse_31 Start: 24530, Stop: 24724, Start Num: 1
Candidate Starts for Monse_31:
(Start: 1 @24530 has 9 MA's), (2, 24554), (5, 24608), (7, 24623), (8, 24626), (9, 24632), (10, 24638),

Gene: Moozy_31 Start: 24646, Stop: 24825, Start Num: 1
Candidate Starts for Moozy_31:
(Start: 1 @24646 has 9 MA's), (3, 24682), (11, 24763),

Gene: PherryCruz_31 Start: 24618, Stop: 24809, Start Num: 1
Candidate Starts for PherryCruz_31:
(Start: 1 @24618 has 9 MA's), (3, 24654), (4, 24684), (6, 24702),

Gene: RavenPuff_31 Start: 24618, Stop: 24809, Start Num: 1
Candidate Starts for RavenPuff_31:
(Start: 1 @24618 has 9 MA's), (3, 24654), (4, 24684), (6, 24702),

Gene: Sangak_30 Start: 24197, Stop: 24388, Start Num: 1
Candidate Starts for Sangak_30:
(Start: 1 @24197 has 9 MA's), (4, 24263), (6, 24281), (7, 24290),

Gene: SheRa_32 Start: 24679, Stop: 24870, Start Num: 1
Candidate Starts for SheRa_32:
(Start: 1 @24679 has 9 MA's), (3, 24715), (4, 24745), (6, 24763),