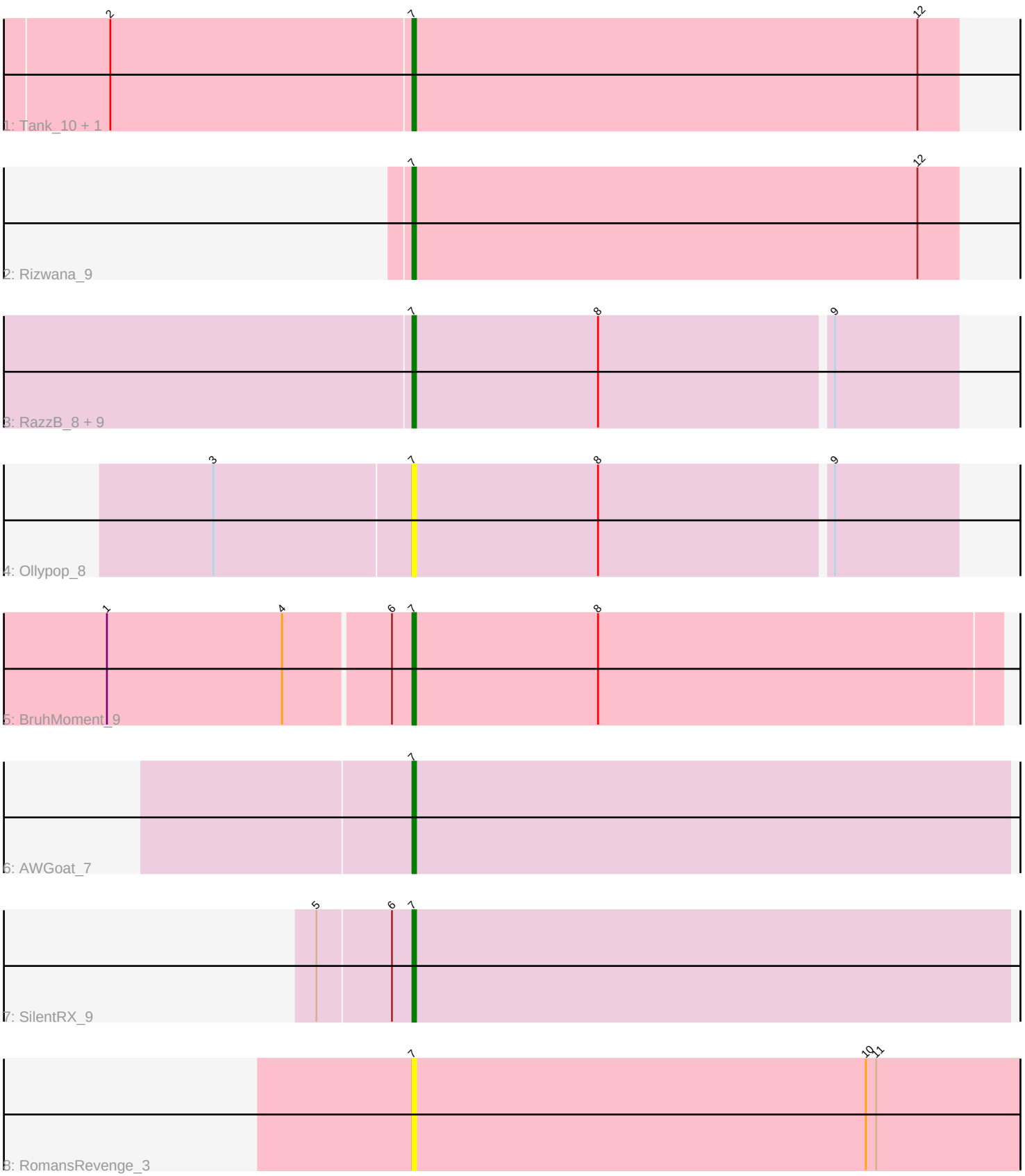
Pham 203348


2
7
12
1: Tank_10 + 1
7
12
2: Rizwana_9
7
8
9
3: RazzB_8 + 9
3
7
8
9
4: Ollypop_8
1
4
6
7
8
5: BruhMoment_9
7
6: AWGoat_7
5
6
7
7: SilentRX_9
7
10
11
8: RomansRevenge_3

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 203348 Report

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

Pham number 203348 has 18 members, 7 are drafts.

Phages represented in each track:
• Track 1 : Tank_10, Wilde_10
• Track 2 : Rizwana_9
• Track 3 : RazzB_8, MellowYellow_10, Forrestell_9, Pureglobe5_12, Beagle_12, NyleyClemson_10, DogYard_9, Pointis_10, Odyssey395_12, Kubulix_10
• Track 4 : Ollypop_8
• Track 5 : BruhMoment_9
• Track 6 : AWGoat_7
• Track 7 : SilentRX_9
• Track 8 : RomansRevenge_3

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

The start number called the most often in the published annotations is 7, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AWGoat_7, Beagle_12, BruhMoment_9, DogYard_9, Forrestell_9, Kubulix_10, MellowYellow_10, NyleyClemson_10, Odyssey395_12, Ollypop_8, Pointis_10, Pureglobe5_12, RazzB_8, Rizwana_9, RomansRevenge_3, SilentRX_9, Tank_10, Wilde_10,

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 7:
• Found in 18 of 18 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present

• Phage (with cluster) where this start called: AWGoat_7 (AP4), Beagle_12 (AP2), BruhMoment_9 (AP3), DogYard_9 (AP2), Forrestell_9 (AP2), Kubulix_10 (AP2), MellowYellow_10 (AP2), NyleyClemson_10 (AP2), Odyssey395_12 (AP2), Ollypop_8 (AP2), Pointis_10 (AP2), Pureglobe5_12 (AP2), RazzB_8 (AP2), Rizwana_9 (AP1), RomansRevenge_3 (singleton), SilentRX_9 (AP4), Tank_10 (AP1), Wilde_10 (AP1),

Summary by clusters:

There are 5 clusters represented in this pham: AP2, AP3, singleton, AP1, AP4,

Info for manual annotations of cluster AP1:
•Start number 7 was manually annotated 3 times for cluster AP1.

Info for manual annotations of cluster AP2:
•Start number 7 was manually annotated 5 times for cluster AP2.

Info for manual annotations of cluster AP3:
•Start number 7 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:
•Start number 7 was manually annotated 2 times for cluster AP4.

Gene Information:

Gene: AWGoat_7 Start: 3123, Stop: 3296, Start Num: 7
Candidate Starts for AWGoat_7:
(Start: 7 @3123 has 11 MA's),

Gene: Beagle_12 Start: 4120, Stop: 4275, Start Num: 7
Candidate Starts for Beagle_12:
(Start: 7 @4120 has 11 MA's), (8, 4174), (9, 4240),

Gene: BruhMoment_9 Start: 4064, Stop: 4234, Start Num: 7
Candidate Starts for BruhMoment_9:
(1, 3977), (4, 4028), (6, 4058), (Start: 7 @4064 has 11 MA's), (8, 4118),

Gene: DogYard_9 Start: 3996, Stop: 4151, Start Num: 7
Candidate Starts for DogYard_9:
(Start: 7 @3996 has 11 MA's), (8, 4050), (9, 4116),

Gene: Forrestell_9 Start: 3700, Stop: 3855, Start Num: 7
Candidate Starts for Forrestell_9:
(Start: 7 @3700 has 11 MA's), (8, 3754), (9, 3820),

Gene: Kubulix_10 Start: 4125, Stop: 4280, Start Num: 7
Candidate Starts for Kubulix_10:
(Start: 7 @4125 has 11 MA's), (8, 4179), (9, 4245),

Gene: MellowYellow_10 Start: 3730, Stop: 3885, Start Num: 7
Candidate Starts for MellowYellow_10:
(Start: 7 @3730 has 11 MA's), (8, 3784), (9, 3850),

Gene: NyleyClemson_10 Start: 3672, Stop: 3827, Start Num: 7
Candidate Starts for NyleyClemson_10:
(Start: 7 @3672 has 11 MA's), (8, 3726), (9, 3792),

Gene: Odyssey395_12 Start: 4124, Stop: 4279, Start Num: 7
Candidate Starts for Odyssey395_12:
(Start: 7 @4124 has 11 MA's), (8, 4178), (9, 4244),

Gene: Ollypop_8 Start: 3780, Stop: 3935, Start Num: 7
Candidate Starts for Ollypop_8:
(3, 3723), (Start: 7 @3780 has 11 MA's), (8, 3834), (9, 3900),

Gene: Pointis_10 Start: 4125, Stop: 4280, Start Num: 7
Candidate Starts for Pointis_10:
(Start: 7 @4125 has 11 MA's), (8, 4179), (9, 4245),

Gene: Pureglobe5_12 Start: 4138, Stop: 4293, Start Num: 7
Candidate Starts for Pureglobe5_12:
(Start: 7 @4138 has 11 MA's), (8, 4192), (9, 4258),

Gene: RazzB_8 Start: 3500, Stop: 3655, Start Num: 7
Candidate Starts for RazzB_8:
(Start: 7 @3500 has 11 MA's), (8, 3554), (9, 3620),

Gene: Rizwana_9 Start: 4329, Stop: 4487, Start Num: 7
Candidate Starts for Rizwana_9:
(Start: 7 @4329 has 11 MA's), (12, 4476),

Gene: RomansRevenge_3 Start: 1829, Stop: 2017, Start Num: 7
Candidate Starts for RomansRevenge_3:
(Start: 7 @1829 has 11 MA's), (10, 1961), (11, 1964),

Gene: SilentRX_9 Start: 3131, Stop: 3304, Start Num: 7
Candidate Starts for SilentRX_9:
(5, 3104), (6, 3125), (Start: 7 @3131 has 11 MA's),

Gene: Tank_10 Start: 4347, Stop: 4505, Start Num: 7
Candidate Starts for Tank_10:
(2, 4260), (Start: 7 @4347 has 11 MA's), (12, 4494),

Gene: Wilde_10 Start: 4275, Stop: 4433, Start Num: 7
Candidate Starts for Wilde_10:
(2, 4188), (Start: 7 @4275 has 11 MA's), (12, 4422),