Pham 138379

1: Ranunculus_19

2: Rizwana_18

3: Wilde_19 + 1

4: Pureglobe5_27 + 3

5: BruhMoment_20

6: SilentRX_20

7: RomansRevenge_15
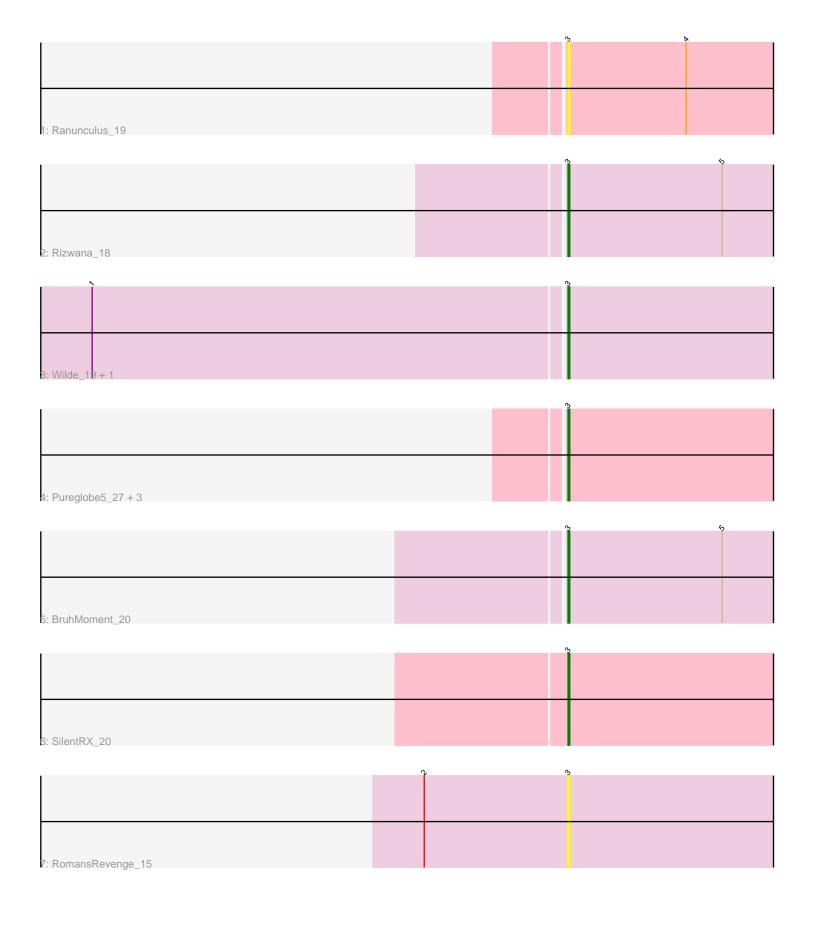
Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 138379 Report

This analysis was run 04/28/24 on database version 559.

Pham number 138379 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Ranunculus_19
• Track 2 : Rizwana_18
• Track 3 : Wilde_19, Tank_19
• Track 4 : Pureglobe5_27, Odyssey395_27, Beagle_26, Pointis_25
• Track 5 : BruhMoment_20
• Track 6 : SilentRX_20
• Track 7 : RomansRevenge_15

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beagle_26, BruhMoment_20, Odyssey395_27, Pointis_25, Pureglobe5_27, Ranunculus_19, Rizwana_18, RomansRevenge_15, SilentRX_20, Tank_19, Wilde_19,

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 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beagle_26 (AP2), BruhMoment_20 (AP3), Odyssey395_27 (AP2), Pointis_25 (AP2), Pureglobe5_27 (AP2), Ranunculus_19 (AP), Rizwana_18 (AP1), RomansRevenge_15 (singleton), SilentRX_20 (AP4), Tank_19 (AP1), Wilde_19 (AP1),

Summary by clusters:

There are 6 clusters represented in this pham: singleton, AP2, AP3, AP1, AP4, AP,

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

Info for manual annotations of cluster AP2:
•Start number 3 was manually annotated 3 times for cluster AP2.

Info for manual annotations of cluster AP3:
•Start number 3 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:
•Start number 3 was manually annotated 1 time for cluster AP4.

Gene Information:
Gene: Beagle_26 Start: 13940, Stop: 14083, Start Num: 3
Candidate Starts for Beagle_26:
(Start: 3 @13940 has 8 MA's),

Gene: BruhMoment_20 Start: 13342, Stop: 13485, Start Num: 3
Candidate Starts for BruhMoment_20:
(Start: 3 @13342 has 8 MA's), (5, 13432),

Gene: Odyssey395_27 Start: 14135, Stop: 14278, Start Num: 3
Candidate Starts for Odyssey395_27:
(Start: 3 @14135 has 8 MA's),

Gene: Pointis_25 Start: 14139, Stop: 14282, Start Num: 3
Candidate Starts for Pointis_25:
(Start: 3 @14139 has 8 MA's),

Gene: Pureglobe5_27 Start: 14149, Stop: 14292, Start Num: 3
Candidate Starts for Pureglobe5_27:
(Start: 3 @14149 has 8 MA's),

Gene: Ranunculus_19 Start: 13030, Stop: 13173, Start Num: 3
Candidate Starts for Ranunculus_19:
(Start: 3 @13030 has 8 MA's), (4, 13099),

Gene: Rizwana_18 Start: 12899, Stop: 13048, Start Num: 3
Candidate Starts for Rizwana_18:
(Start: 3 @12899 has 8 MA's), (5, 12989),

Gene: RomansRevenge_15 Start: 11151, Stop: 11297, Start Num: 3
Candidate Starts for RomansRevenge_15:
(2, 11067), (Start: 3 @11151 has 8 MA's),

Gene: SilentRX_20 Start: 13212, Stop: 13355, Start Num: 3
Candidate Starts for SilentRX_20:
(Start: 3 @13212 has 8 MA's),

Gene: Tank_19 Start: 12761, Stop: 12910, Start Num: 3
Candidate Starts for Tank_19:
(1, 12488), (Start: 3 @12761 has 8 MA's),

Gene: Wilde_19 Start: 12689, Stop: 12838, Start Num: 3
Candidate Starts for Wilde_19:
(1, 12416), (Start: 3 @12689 has 8 MA's),