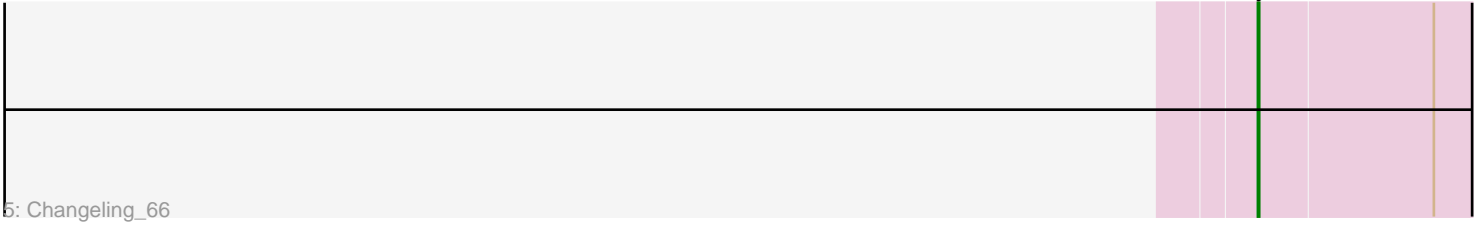
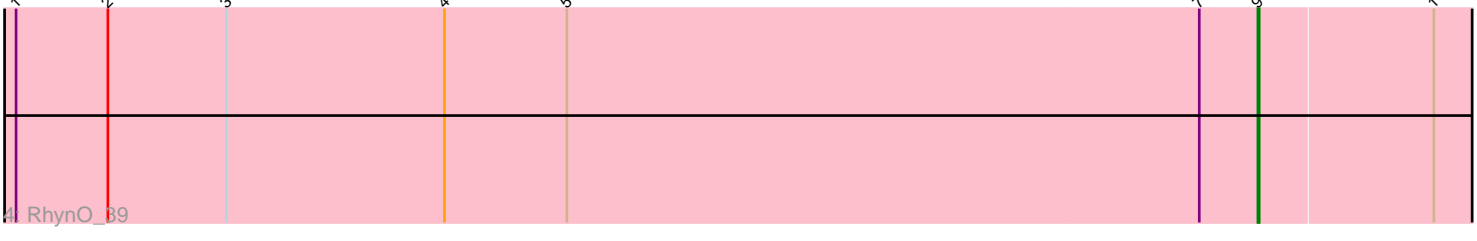
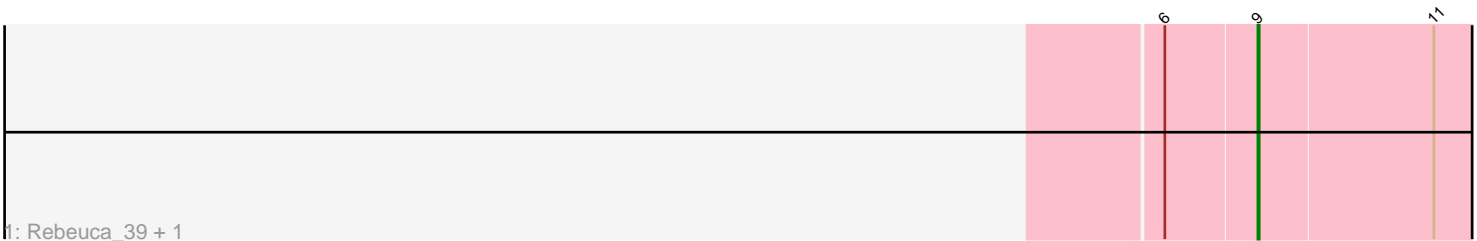


Pham 106883



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 106883 Report

This analysis was run 03/30/24 on database version 556.

Pham number 106883 has 9 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Rebeuca_39, Kristoff_39
- Track 2 : Eaglepride_40
- Track 3 : OKCentral2016_38, Chupacabra_38, Goose_39
- Track 4 : RhynO_39
- Track 5 : Changeling_66
- Track 6 : Loser_69

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

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

Genes that call this "Most Annotated" start:

- Changeling_66, Chupacabra_38, Eaglepride_40, Goose_39, Kristoff_39, Loser_69, OKCentral2016_38, Rebeuca_39, RhynO_39,

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 9:

- Found in 9 of 9 (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: Changeling_66 (A2), Chupacabra_38 (A10), Eaglepride_40 (A10), Goose_39 (A10), Kristoff_39 (A10), Loser_69 (A2), OKCentral2016_38 (A10), Rebeuca_39 (A10), RhynO_39 (A10),

Summary by clusters:

There are 2 clusters represented in this pham: A2, A10,

Info for manual annotations of cluster A10:

- Start number 9 was manually annotated 7 times for cluster A10.

Info for manual annotations of cluster A2:

- Start number 9 was manually annotated 2 times for cluster A2.

Gene Information:

Gene: Changeling_66 Start: 41982, Stop: 41800, Start Num: 9

Candidate Starts for Changeling_66:

(Start: 9 @41982 has 9 MA's), (11, 41847),

Gene: Chupacabra_38 Start: 28254, Stop: 28072, Start Num: 9

Candidate Starts for Chupacabra_38:

(6, 28323), (Start: 9 @28254 has 9 MA's), (11, 28119),

Gene: Eaglepride_40 Start: 28366, Stop: 28184, Start Num: 9

Candidate Starts for Eaglepride_40:

(Start: 9 @28366 has 9 MA's), (10, 28255),

Gene: Goose_39 Start: 28058, Stop: 27876, Start Num: 9

Candidate Starts for Goose_39:

(6, 28127), (Start: 9 @28058 has 9 MA's), (11, 27923),

Gene: Kristoff_39 Start: 28626, Stop: 28444, Start Num: 9

Candidate Starts for Kristoff_39:

(6, 28695), (Start: 9 @28626 has 9 MA's), (11, 28491),

Gene: Loser_69 Start: 42302, Stop: 42117, Start Num: 9

Candidate Starts for Loser_69:

(8, 42326), (Start: 9 @42302 has 9 MA's), (10, 42188), (11, 42164),

Gene: OKCentral2016_38 Start: 27961, Stop: 27779, Start Num: 9

Candidate Starts for OKCentral2016_38:

(6, 28030), (Start: 9 @27961 has 9 MA's), (11, 27826),

Gene: Rebeuca_39 Start: 28627, Stop: 28445, Start Num: 9

Candidate Starts for Rebeuca_39:

(6, 28696), (Start: 9 @28627 has 9 MA's), (11, 28492),

Gene: RhynO_39 Start: 28148, Stop: 27966, Start Num: 9

Candidate Starts for RhynO_39:

(1, 29120), (2, 29048), (3, 28955), (4, 28784), (5, 28688), (7, 28193), (Start: 9 @28148 has 9 MA's), (11, 28013),