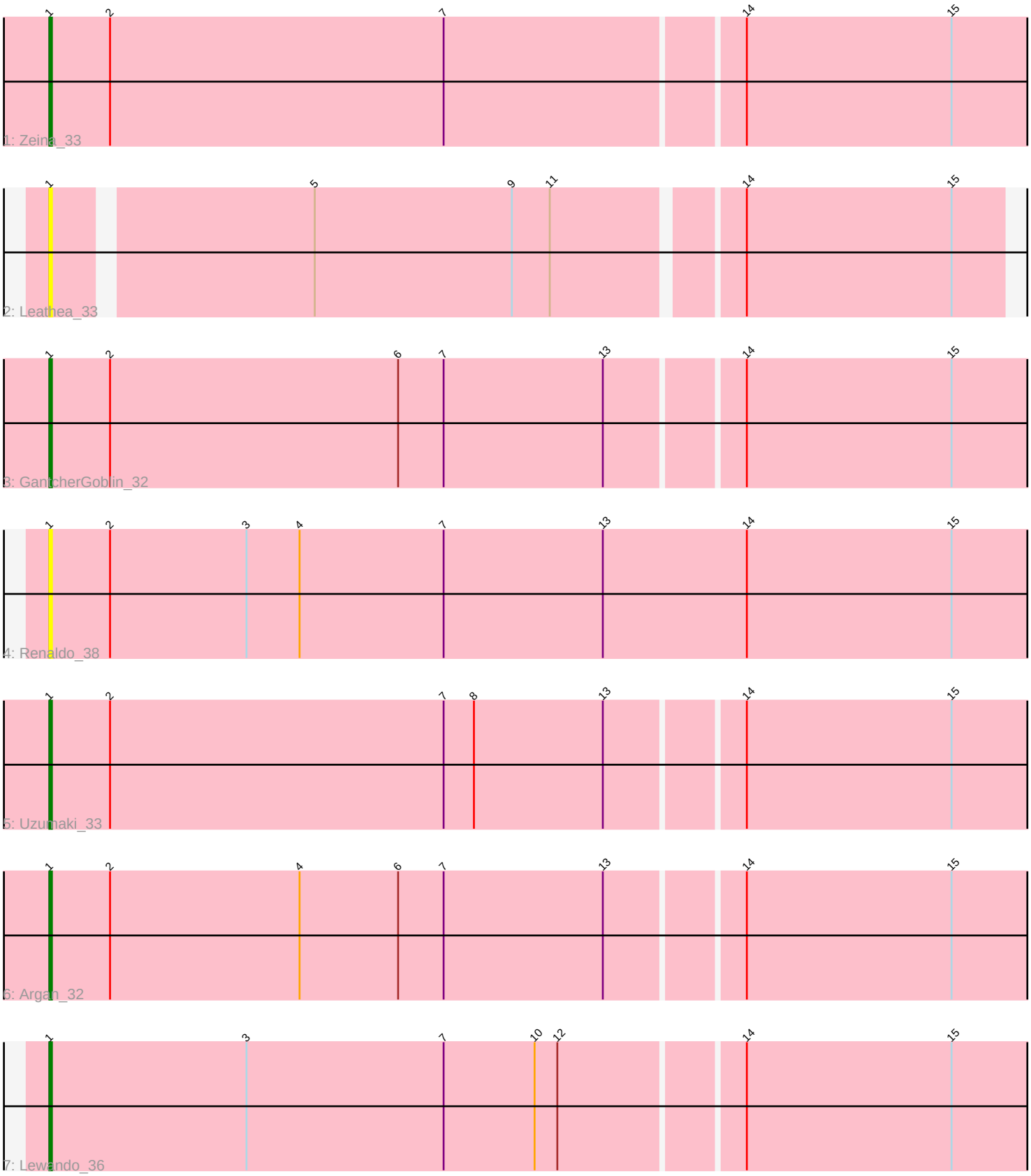
Pham 164175


1
2
7
14
15
1: Zeina_33
1
5
9
11
14
15
2: Leathea_33
1
2
6
7
13
14
15
3: GantcherGoblin_32
1
2
3
4
7
13
14
15
4: Renaldo_38
1
2
7
8
13
14
15
5: Uzumaki_33
1
2
4
6
7
13
14
15
6: Argan_32
1
3
7
10
12
14
15
7: Lewando_36

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 164175 Report

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

Pham number 164175 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Zeina_33
• Track 2 : Leathea_33
• Track 3 : GantcherGoblin_32
• Track 4 : Renaldo_38
• Track 5 : Uzumaki_33
• Track 6 : Argan_32
• Track 7 : Lewando_36

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 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Argan_32, GantcherGoblin_32, Leathea_33, Lewando_36, Renaldo_38, Uzumaki_33, Zeina_33,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Argan_32 (AU6), GantcherGoblin_32 (AU6), Leathea_33 (AU6), Lewando_36 (AU6), Renaldo_38 (AU6), Uzumaki_33 (AU6), Zeina_33 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

Info for manual annotations of cluster AU6:
•Start number 1 was manually annotated 5 times for cluster AU6.

Gene Information:

Gene: Argan_32 Start: 26978, Stop: 27364, Start Num: 1
Candidate Starts for Argan_32:
(Start: 1 @26978 has 5 MA's), (2, 27002), (4, 27077), (6, 27116), (7, 27134), (13, 27197), (14, 27248), (15, 27329),

Gene: GantcherGoblin_32 Start: 27017, Stop: 27403, Start Num: 1
Candidate Starts for GantcherGoblin_32:
(Start: 1 @27017 has 5 MA's), (2, 27041), (6, 27155), (7, 27173), (13, 27236), (14, 27287), (15, 27368),

Gene: Leathea_33 Start: 26912, Stop: 27271, Start Num: 1
Candidate Starts for Leathea_33:
(Start: 1 @26912 has 5 MA's), (5, 27008), (9, 27086), (11, 27101), (14, 27170), (15, 27251),

Gene: Lewando_36 Start: 28935, Stop: 29321, Start Num: 1
Candidate Starts for Lewando_36:
(Start: 1 @28935 has 5 MA's), (3, 29013), (7, 29091), (10, 29127), (12, 29136), (14, 29205), (15, 29286),

Gene: Renaldo_38 Start: 28944, Stop: 29336, Start Num: 1
Candidate Starts for Renaldo_38:
(Start: 1 @28944 has 5 MA's), (2, 28968), (3, 29022), (4, 29043), (7, 29100), (13, 29163), (14, 29220), (15, 29301),

Gene: Uzumaki_33 Start: 27836, Stop: 28222, Start Num: 1
Candidate Starts for Uzumaki_33:
(Start: 1 @27836 has 5 MA's), (2, 27860), (7, 27992), (8, 28004), (13, 28055), (14, 28106), (15, 28187),

Gene: Zeina_33 Start: 27217, Stop: 27603, Start Num: 1
Candidate Starts for Zeina_33:
(Start: 1 @27217 has 5 MA's), (2, 27241), (7, 27373), (14, 27487), (15, 27568),