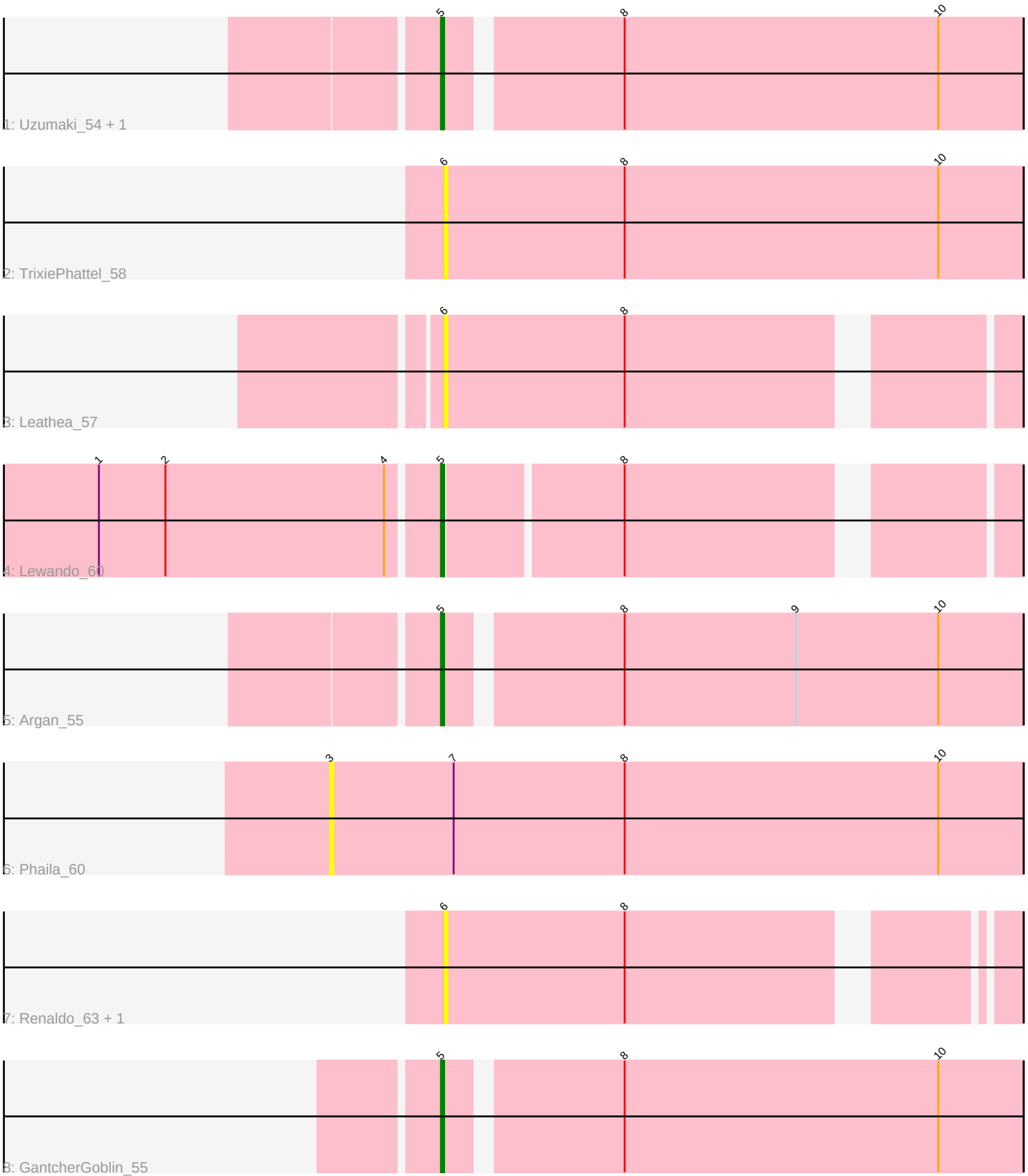
Pham 193097


5
8
10
1: Uzumaki_54 + 1
6
8
10
2: TrixiePhattel_58
6
8
3: Leathea_57
1
2
4
5
8
4: Lewando_60
5
8
9
10
5: Argan_55
3
7
8
10
6: Phaila_60
6
8
7: Renaldo_63 + 1
5
8
10
8: GantcherGoblin_55

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 193097 Report

This analysis was run 11/02/24 on database version 579.

Pham number 193097 has 10 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Uzumaki_54, Zeina_58
• Track 2 : TrixiePhattel_58
• Track 3 : Leathea_57
• Track 4 : Lewando_60
• Track 5 : Argan_55
• Track 6 : Phaila_60
• Track 7 : Renaldo_63, BarbieDoll_61
• Track 8 : GantcherGoblin_55

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

The start number called the most often in the published annotations is 5, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Argan_55, GantcherGoblin_55, Lewando_60, Uzumaki_54, Zeina_58,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• BarbieDoll_61, Leathea_57, Phaila_60, Renaldo_63, TrixiePhattel_58,

Summary by start number:

Start 3:
• Found in 1 of 10 (10.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phaila_60 (AU6),

Start 5:
• Found in 5 of 10 (50.0%) 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_55 (AU6), GantcherGoblin_55 (AU6), Lewando_60 (AU6), Uzumaki_54 (AU6), Zeina_58 (AU6),

Start 6:
• Found in 4 of 10 (40.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BarbieDoll_61 (AU6), Leathea_57 (AU6), Renaldo_63 (AU6), TrixiePhattel_58 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

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

Gene Information:

Gene: Argan_55 Start: 35758, Stop: 35934, Start Num: 5
Candidate Starts for Argan_55:
(Start: 5 @35758 has 5 MA's), (8, 35809), (9, 35863), (10, 35908),

Gene: BarbieDoll_61 Start: 37477, Stop: 37641, Start Num: 6
Candidate Starts for BarbieDoll_61:
(6, 37477), (8, 37534),

Gene: GantcherGoblin_55 Start: 35833, Stop: 36009, Start Num: 5
Candidate Starts for GantcherGoblin_55:
(Start: 5 @35833 has 5 MA's), (8, 35884), (10, 35983),

Gene: Leathea_57 Start: 35593, Stop: 35760, Start Num: 6
Candidate Starts for Leathea_57:
(6, 35593), (8, 35650),

Gene: Lewando_60 Start: 37549, Stop: 37713, Start Num: 5
Candidate Starts for Lewando_60:
(1, 37444), (2, 37465), (4, 37534), (Start: 5 @37549 has 5 MA's), (8, 37603),

Gene: Phaila_60 Start: 35905, Stop: 36123, Start Num: 3
Candidate Starts for Phaila_60:
(3, 35905), (7, 35944), (8, 35998), (10, 36097),

Gene: Renaldo_63 Start: 37788, Stop: 37952, Start Num: 6
Candidate Starts for Renaldo_63:
(6, 37788), (8, 37845),

Gene: TrixiePhattel_58 Start: 35920, Stop: 36102, Start Num: 6
Candidate Starts for TrixiePhattel_58:
(6, 35920), (8, 35977), (10, 36076),

Gene: Uzumaki_54 Start: 35934, Stop: 36110, Start Num: 5
Candidate Starts for Uzumaki_54:
(Start: 5 @35934 has 5 MA's), (8, 35985), (10, 36084),

Gene: Zeina_58 Start: 36501, Stop: 36677, Start Num: 5
Candidate Starts for Zeina_58:
(Start: 5 @36501 has 5 MA's), (8, 36552), (10, 36651),