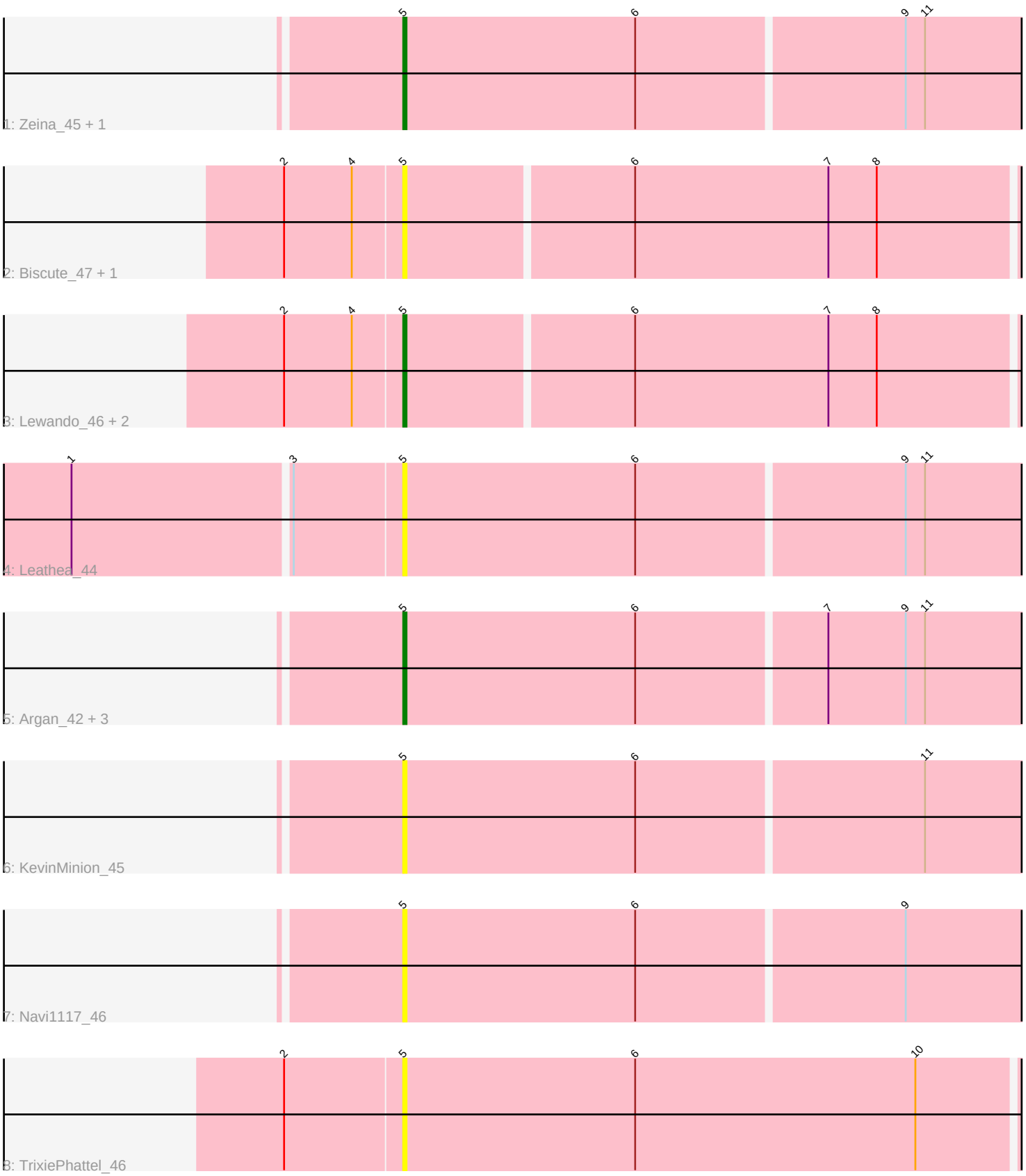
Pham 200709


5
6
9
11
1: Zeina_45 + 1
2
4
5
6
7
8
2: Biscute_47 + 1
2
4
5
6
7
8
3: Lewando_46 + 2
1
3
5
6
9
11
4: Leathea_44
5
6
7
9
11
5: Argan_42 + 3
5
6
11
6: KevinMinion_45
5
6
9
7: Navi1117_46
2
5
6
10
8: TrixiePhattel_46

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 200709 Report

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

Pham number 200709 has 15 members, 10 are drafts.

Phages represented in each track:
• Track 1 : Zeina_45, Tenney120_46
• Track 2 : Biscute_47, Renaldo_48
• Track 3 : Lewando_46, Kinny_48, BarbieDoll_48
• Track 4 : Leathea_44
• Track 5 : Argan_42, Uzumaki_42, GantcherGoblin_43, Phaila_46
• Track 6 : KevinMinion_45
• Track 7 : Navi1117_46
• Track 8 : TrixiePhattel_46

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_42, BarbieDoll_48, Biscute_47, GantcherGoblin_43, KevinMinion_45, Kinny_48, Leathea_44, Lewando_46, Navi1117_46, Phaila_46, Renaldo_48, Tenney120_46, TrixiePhattel_46, Uzumaki_42, Zeina_45,

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 5:
• Found in 15 of 15 (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_42 (AU6), BarbieDoll_48 (AU6), Biscute_47 (AU6), GantcherGoblin_43 (AU6), KevinMinion_45 (AU6), Kinny_48 (AU6), Leathea_44 (AU6), Lewando_46 (AU6), Navi1117_46 (AU6), Phaila_46 (AU6),

Renaldo_48 (AU6), Tenney120_46 (AU6), TrixiePhattel_46 (AU6), Uzumaki_42 (AU6), Zeina_45 (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_42 Start: 30951, Stop: 31151, Start Num: 5
Candidate Starts for Argan_42:
(Start: 5 @30951 has 5 MA's), (6, 31023), (7, 31080), (9, 31104), (11, 31110),

Gene: BarbieDoll_48 Start: 32954, Stop: 33151, Start Num: 5
Candidate Starts for BarbieDoll_48:
(2, 32918), (4, 32939), (Start: 5 @32954 has 5 MA's), (6, 33023), (7, 33083), (8, 33098),

Gene: Biscute_47 Start: 32606, Stop: 32803, Start Num: 5
Candidate Starts for Biscute_47:
(2, 32570), (4, 32591), (Start: 5 @32606 has 5 MA's), (6, 32675), (7, 32735), (8, 32750),

Gene: GantcherGoblin_43 Start: 31449, Stop: 31649, Start Num: 5
Candidate Starts for GantcherGoblin_43:
(Start: 5 @31449 has 5 MA's), (6, 31521), (7, 31578), (9, 31602), (11, 31608),

Gene: KevinMinion_45 Start: 32203, Stop: 32403, Start Num: 5
Candidate Starts for KevinMinion_45:
(Start: 5 @32203 has 5 MA's), (6, 32275), (11, 32362),

Gene: Kinny_48 Start: 33448, Stop: 33645, Start Num: 5
Candidate Starts for Kinny_48:
(2, 33412), (4, 33433), (Start: 5 @33448 has 5 MA's), (6, 33517), (7, 33577), (8, 33592),

Gene: Leathea_44 Start: 31131, Stop: 31331, Start Num: 5
Candidate Starts for Leathea_44:
(1, 31032), (3, 31098), (Start: 5 @31131 has 5 MA's), (6, 31203), (9, 31284), (11, 31290),

Gene: Lewando_46 Start: 32740, Stop: 32937, Start Num: 5
Candidate Starts for Lewando_46:
(2, 32704), (4, 32725), (Start: 5 @32740 has 5 MA's), (6, 32809), (7, 32869), (8, 32884),

Gene: Navi1117_46 Start: 31853, Stop: 32053, Start Num: 5
Candidate Starts for Navi1117_46:
(Start: 5 @31853 has 5 MA's), (6, 31925), (9, 32006),

Gene: Phaila_46 Start: 31342, Stop: 31542, Start Num: 5
Candidate Starts for Phaila_46:
(Start: 5 @31342 has 5 MA's), (6, 31414), (7, 31471), (9, 31495), (11, 31501),

Gene: Renaldo_48 Start: 33049, Stop: 33246, Start Num: 5
Candidate Starts for Renaldo_48:
(2, 33013), (4, 33034), (Start: 5 @33049 has 5 MA's), (6, 33118), (7, 33178), (8, 33193),

Gene: Tenney120_46 Start: 31745, Stop: 31945, Start Num: 5
Candidate Starts for Tenney120_46:
(Start: 5 @31745 has 5 MA's), (6, 31817), (9, 31898), (11, 31904),

Gene: TrixiePhattel_46 Start: 31423, Stop: 31620, Start Num: 5
Candidate Starts for TrixiePhattel_46:
(2, 31387), (Start: 5 @31423 has 5 MA's), (6, 31495), (10, 31582),

Gene: Uzumaki_42 Start: 31442, Stop: 31642, Start Num: 5
Candidate Starts for Uzumaki_42:
(Start: 5 @31442 has 5 MA's), (6, 31514), (7, 31571), (9, 31595), (11, 31601),

Gene: Zeina_45 Start: 31758, Stop: 31958, Start Num: 5
Candidate Starts for Zeina_45:
(Start: 5 @31758 has 5 MA's), (6, 31830), (9, 31911), (11, 31917),