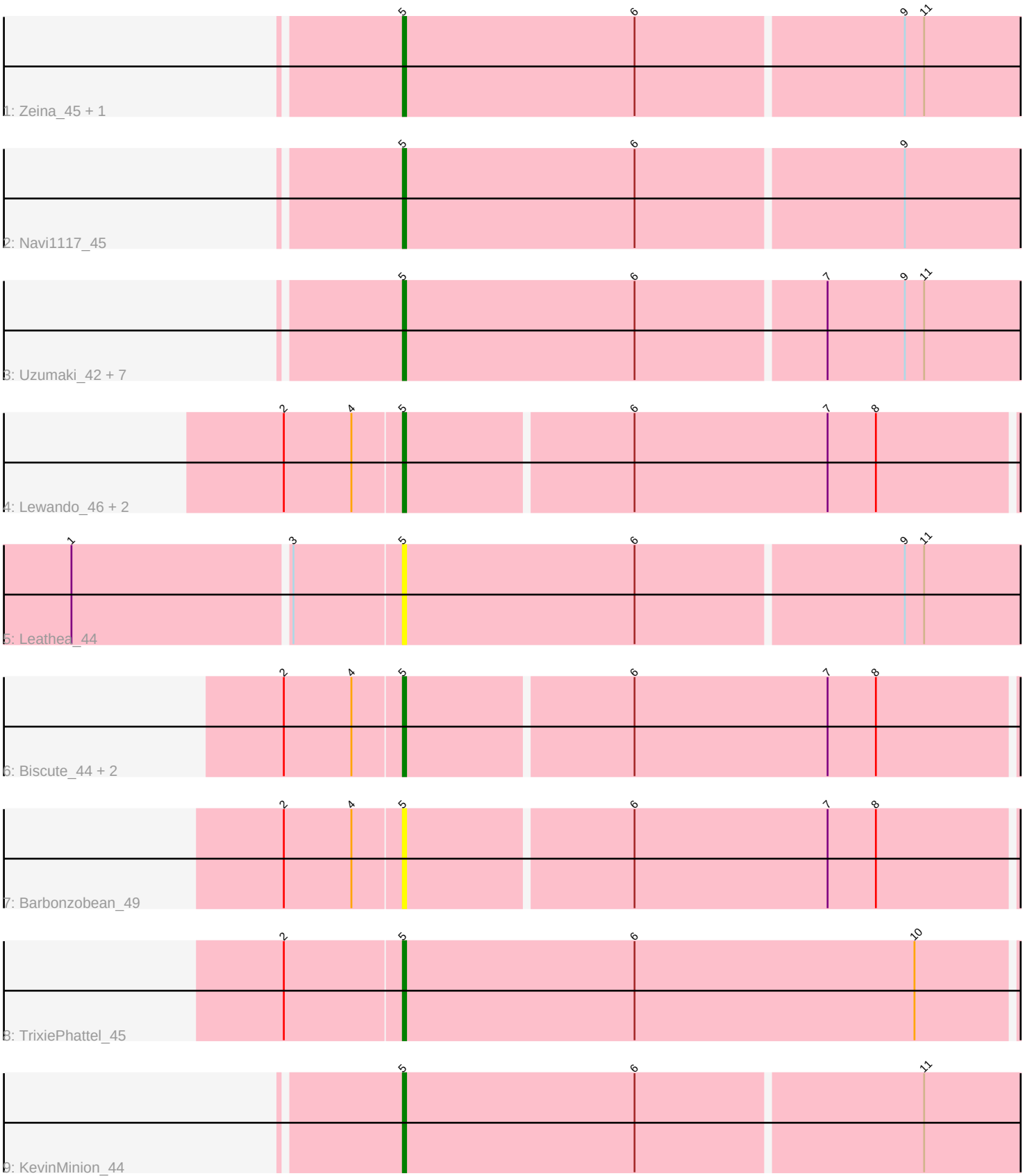
Pham 284196


5
6
9
11
1: Zeina_45 + 1
5
6
9
2: Navi1117_45
5
6
7
9
11
3: Uzumaki_42 + 7
2
4
5
6
7
8
4: Lewando_46 + 2
1
3
5
6
9
11
5: Leathea_44
2
4
5
6
7
8
6: Biscute_44 + 2
2
4
5
6
7
8
7: Barbonzobean_49
2
5
6
10
8: TrixiePhattel_45
5
6
11
9: KevinMinion_44

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 284196 Report

This analysis was run 02/23/26 on database version 636.

Pham number 284196 has 21 members, 10 are drafts.

Phages represented in each track:
• Track 1 : Zeina_45, Tenney120_45
• Track 2 : Navi1117_45
• Track 3 : Uzumaki_42, Argan_42, PoeMe_44, GantcherGoblin_43, Phaila_46, Mardi_44, Altjira_46, Stardrop_47
• Track 4 : Lewando_46, Kinny_47, BarbieDoll_48
• Track 5 : Leathea_44
• Track 6 : Biscute_44, Muglass_46, Renaldo_48
• Track 7 : Barbonzobean_49
• Track 8 : TrixiePhattel_45
• Track 9 : KevinMinion_44

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Altjira_46, Argan_42, BarbieDoll_48, Barbonzobean_49, Biscute_44, GantcherGoblin_43, KevinMinion_44, Kinny_47, Leathea_44, Lewando_46, Mardi_44, Muglass_46, Navi1117_45, Phaila_46, PoeMe_44, Renaldo_48, Stardrop_47, Tenney120_45, TrixiePhattel_45, 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 21 of 21 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Altjira_46 (AU6), Argan_42 (AU6), BarbieDoll_48 (AU6), Barbonzobean_49 (AU6), Biscute_44 (AU6), GantcherGoblin_43 (AU6), KevinMinion_44 (AU6), Kinny_47 (AU6), Leathea_44 (AU6), Lewando_46 (AU6), Mardi_44 (AU6), Muglass_46 (AU6), Navi1117_45 (AU6), Phaila_46 (AU6), PoeMe_44 (AU6), Renaldo_48 (AU6), Stardrop_47 (AU6), Tenney120_45 (AU6), TrixiePhattel_45 (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 11 times for cluster AU6.

Gene Information:

Gene: Altjira_46 Start: 32651, Stop: 32851, Start Num: 5
Candidate Starts for Altjira_46:
(Start: 5 @32651 has 11 MA's), (6, 32723), (7, 32780), (9, 32804), (11, 32810),

Gene: Argan_42 Start: 30951, Stop: 31151, Start Num: 5
Candidate Starts for Argan_42:
(Start: 5 @30951 has 11 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 11 MA's), (6, 33023), (7, 33083), (8, 33098),

Gene: Barbonzobean_49 Start: 32998, Stop: 33195, Start Num: 5
Candidate Starts for Barbonzobean_49:
(2, 32962), (4, 32983), (Start: 5 @32998 has 11 MA's), (6, 33067), (7, 33127), (8, 33142),

Gene: Biscute_44 Start: 32606, Stop: 32803, Start Num: 5
Candidate Starts for Biscute_44:
(2, 32570), (4, 32591), (Start: 5 @32606 has 11 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 11 MA's), (6, 31521), (7, 31578), (9, 31602), (11, 31608),

Gene: KevinMinion_44 Start: 32203, Stop: 32403, Start Num: 5
Candidate Starts for KevinMinion_44:
(Start: 5 @32203 has 11 MA's), (6, 32275), (11, 32362),

Gene: Kinny_47 Start: 33448, Stop: 33645, Start Num: 5
Candidate Starts for Kinny_47:
(2, 33412), (4, 33433), (Start: 5 @33448 has 11 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 11 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 11 MA's), (6, 32809), (7, 32869), (8, 32884),

Gene: Mardi_44 Start: 31537, Stop: 31737, Start Num: 5
Candidate Starts for Mardi_44:
(Start: 5 @31537 has 11 MA's), (6, 31609), (7, 31666), (9, 31690), (11, 31696),

Gene: Muglass_46 Start: 32510, Stop: 32707, Start Num: 5
Candidate Starts for Muglass_46:
(2, 32474), (4, 32495), (Start: 5 @32510 has 11 MA's), (6, 32579), (7, 32639), (8, 32654),

Gene: Navi1117_45 Start: 31853, Stop: 32053, Start Num: 5
Candidate Starts for Navi1117_45:
(Start: 5 @31853 has 11 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 11 MA's), (6, 31414), (7, 31471), (9, 31495), (11, 31501),

Gene: PoeMe_44 Start: 31708, Stop: 31908, Start Num: 5
Candidate Starts for PoeMe_44:
(Start: 5 @31708 has 11 MA's), (6, 31780), (7, 31837), (9, 31861), (11, 31867),

Gene: Renaldo_48 Start: 33049, Stop: 33246, Start Num: 5
Candidate Starts for Renaldo_48:
(2, 33013), (4, 33034), (Start: 5 @33049 has 11 MA's), (6, 33118), (7, 33178), (8, 33193),

Gene: Stardrop_47 Start: 31901, Stop: 32101, Start Num: 5
Candidate Starts for Stardrop_47:
(Start: 5 @31901 has 11 MA's), (6, 31973), (7, 32030), (9, 32054), (11, 32060),

Gene: Tenney120_45 Start: 31745, Stop: 31945, Start Num: 5
Candidate Starts for Tenney120_45:
(Start: 5 @31745 has 11 MA's), (6, 31817), (9, 31898), (11, 31904),

Gene: TrixiePhattel_45 Start: 31423, Stop: 31620, Start Num: 5
Candidate Starts for TrixiePhattel_45:
(2, 31387), (Start: 5 @31423 has 11 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 11 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 11 MA's), (6, 31830), (9, 31911), (11, 31917),