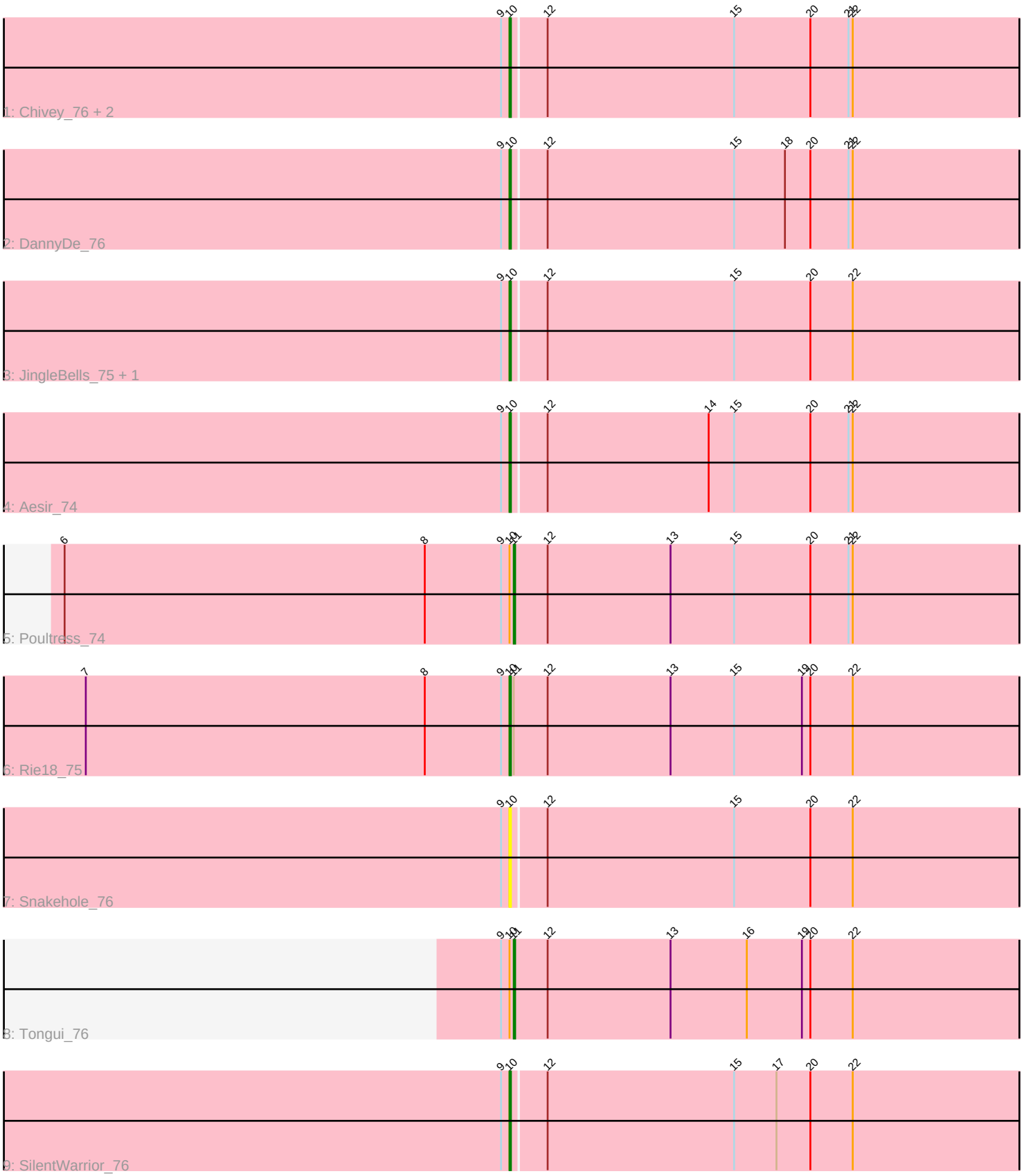
Zoomed Pham 348200



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 348200 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348200 has 12 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Chivey_76, Hiddenleaf_76, FreddieHg_76
• Track 2 : DannyDe_76
• Track 3 : JingleBells_75, JDawG_74
• Track 4 : Aesir_74
• Track 5 : Poultress_74
• Track 6 : Rie18_75
• Track 7 : Snakehole_76
• Track 8 : Tongui_76
• Track 9 : SilentWarrior_76

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

The start number called the most often in the published annotations is 10, it was called in 9 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aesir_74, Chivey_76, DannyDe_76, FreddieHg_76, Hiddenleaf_76, JDawG_74, JingleBells_75, Rie18_75, SilentWarrior_76, Snakehole_76,

Genes that have the "Most Annotated" start but do not call it:
• Poultress_74, Tongui_76,

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

Summary by start number:

Start 10:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 11
• Called 83.3% of time when present
• Phage (with cluster) where this start called: Aesir_74 (EF), Chivey_76 (EF), DannyDe_76 (EF), FreddieHg_76 (EF), Hiddenleaf_76 (EF), JDawG_74 (EF), JingleBells_75 (EF), Rie18_75 (EF), SilentWarrior_76 (EF), Snakehole_76 (EF),

Start 11:
• Found in 3 of 12 (25.0%) of genes in pham
• Manual Annotations of this start: 2 of 11
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Poultress_74 (EF), Tongui_76 (EF),

Summary by clusters:

There is one cluster represented in this pham: EF

Info for manual annotations of cluster EF:
•Start number 10 was manually annotated 9 times for cluster EF.
•Start number 11 was manually annotated 2 times for cluster EF.

Gene Information:

Gene: Aesir_74 Start: 52626, Stop: 53003, Start Num: 10
Candidate Starts for Aesir_74:
(1, 52008), (3, 52137), (4, 52167), (5, 52242), (9, 52620), (Start: 10 @52626 has 9 MA's), (12, 52650), (14, 52764), (15, 52782), (20, 52836), (21, 52863), (22, 52866),

Gene: Chivey_76 Start: 52428, Stop: 52805, Start Num: 10
Candidate Starts for Chivey_76:
(1, 51810), (3, 51939), (4, 51969), (5, 52044), (9, 52422), (Start: 10 @52428 has 9 MA's), (12, 52452), (15, 52584), (20, 52638), (21, 52665), (22, 52668),

Gene: DannyDe_76 Start: 52430, Stop: 52807, Start Num: 10
Candidate Starts for DannyDe_76:
(1, 51812), (2, 51908), (4, 51971), (5, 52046), (9, 52424), (Start: 10 @52430 has 9 MA's), (12, 52454), (15, 52586), (18, 52622), (20, 52640), (21, 52667), (22, 52670),

Gene: FreddieHg_76 Start: 52445, Stop: 52822, Start Num: 10
Candidate Starts for FreddieHg_76:
(1, 51827), (3, 51956), (4, 51986), (5, 52061), (9, 52439), (Start: 10 @52445 has 9 MA's), (12, 52469), (15, 52601), (20, 52655), (21, 52682), (22, 52685),

Gene: Hiddenleaf_76 Start: 52428, Stop: 52805, Start Num: 10
Candidate Starts for Hiddenleaf_76:
(1, 51810), (3, 51939), (4, 51969), (5, 52044), (9, 52422), (Start: 10 @52428 has 9 MA's), (12, 52452), (15, 52584), (20, 52638), (21, 52665), (22, 52668),

Gene: JDawG_74 Start: 52621, Stop: 52998, Start Num: 10
Candidate Starts for JDawG_74:
(1, 52003), (3, 52132), (4, 52162), (5, 52237), (9, 52615), (Start: 10 @52621 has 9 MA's), (12, 52645), (15, 52777), (20, 52831), (22, 52861),

Gene: JingleBells_75 Start: 52533, Stop: 52910, Start Num: 10
Candidate Starts for JingleBells_75:
(1, 51915), (3, 52044), (4, 52074), (5, 52149), (9, 52527), (Start: 10 @52533 has 9 MA's), (12, 52557), (15, 52689), (20, 52743), (22, 52773),

Gene: Poultress_74 Start: 53233, Stop: 53610, Start Num: 11
Candidate Starts for Poultress_74:
(6, 52915), (8, 53170), (9, 53224), (Start: 10 @53230 has 9 MA's), (Start: 11 @53233 has 2 MA's), (12, 53257), (13, 53344), (15, 53389), (20, 53443), (21, 53470), (22, 53473),

Gene: Rie18_75 Start: 52756, Stop: 53136, Start Num: 10
Candidate Starts for Rie18_75:
(4, 52297), (5, 52372), (7, 52456), (8, 52696), (9, 52750), (Start: 10 @52756 has 9 MA's), (Start: 11 @52759 has 2 MA's), (12, 52783), (13, 52870), (15, 52915), (19, 52963), (20, 52969), (22, 52999),

Gene: SilentWarrior_76 Start: 52394, Stop: 52771, Start Num: 10
Candidate Starts for SilentWarrior_76:
(1, 51776), (3, 51905), (4, 51935), (5, 52010), (9, 52388), (Start: 10 @52394 has 9 MA's), (12, 52418), (15, 52550), (17, 52580), (20, 52604), (22, 52634),

Gene: Snakehole_76 Start: 52377, Stop: 52754, Start Num: 10
Candidate Starts for Snakehole_76:
(1, 51759), (2, 51855), (4, 51918), (5, 51993), (9, 52371), (Start: 10 @52377 has 9 MA's), (12, 52401), (15, 52533), (20, 52587), (22, 52617),

Gene: Tongui_76 Start: 52871, Stop: 53248, Start Num: 11
Candidate Starts for Tongui_76:
(9, 52862), (Start: 10 @52868 has 9 MA's), (Start: 11 @52871 has 2 MA's), (12, 52895), (13, 52982), (16, 53036), (19, 53075), (20, 53081), (22, 53111),