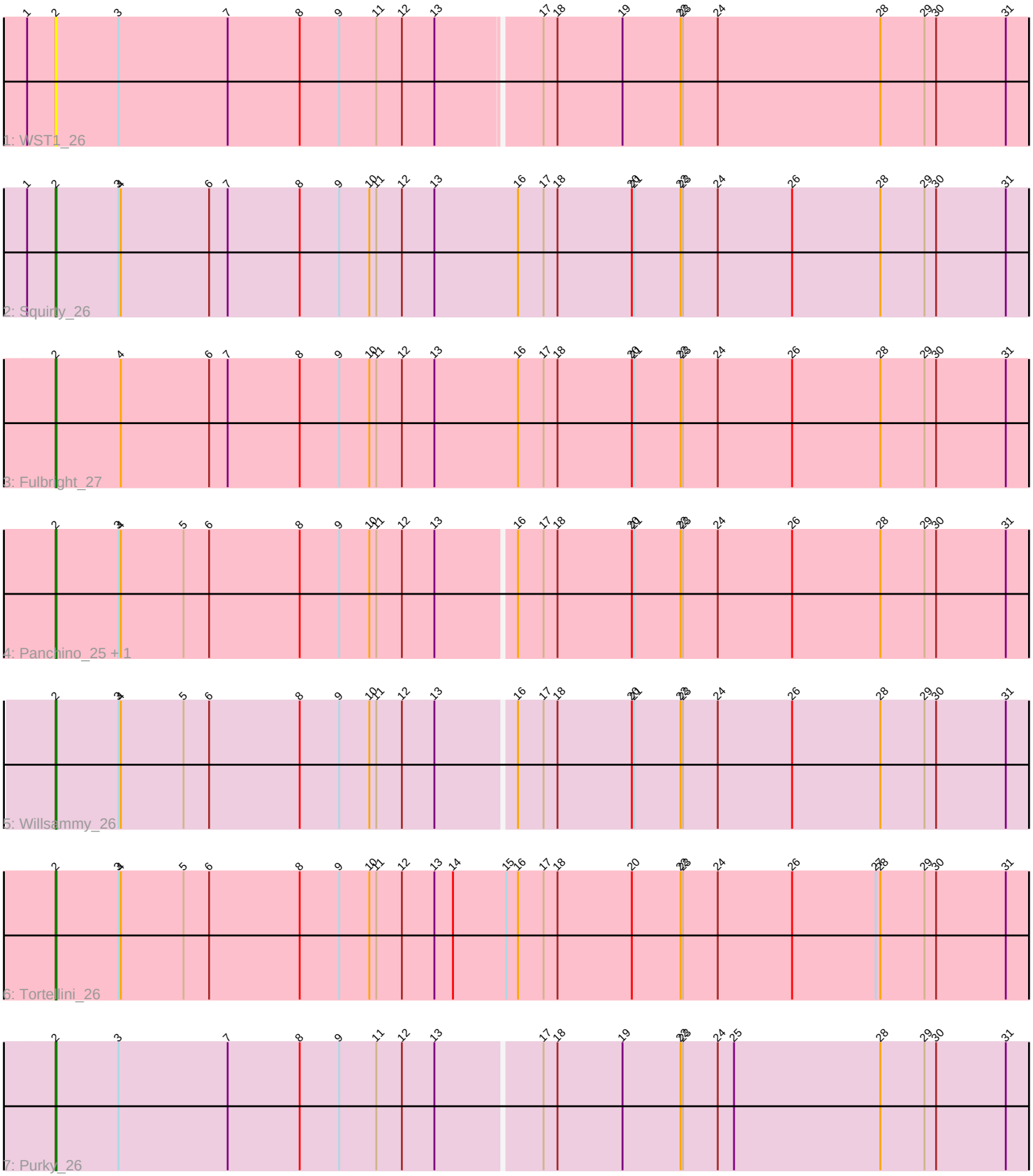
Pham 344690


1: WST1_26
2: Squirty_26
3: Fulbright_27
4: Panchino_25 + 1
5: Willsammy_26
6: Tortellini_26
7: Purky_26

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 344690 Report

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

Pham number 344690 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : WST1_26
• Track 2 : Squirty_26
• Track 3 : Fulbright_27
• Track 4 : Panchino_25, SkinnyPete_25
• Track 5 : Willsammy_26
• Track 6 : Tortellini_26
• Track 7 : Purky_26

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

The start number called the most often in the published annotations is 2, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fulbright_27, Panchino_25, Purky_26, SkinnyPete_25, Squirty_26, Tortellini_26, WST1_26, Willsammy_26,

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 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Fulbright_27 (N), Panchino_25 (N), Purky_26 (P6), SkinnyPete_25 (N), Squirty_26 (F3), Tortellini_26 (P2), WST1_26 (AJ), Willsammy_26 (P1),

Summary by clusters:

There are 6 clusters represented in this pham: P2, F3, P6, AJ, N, P1,

Info for manual annotations of cluster F3:
•Start number 2 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster N:
•Start number 2 was manually annotated 3 times for cluster N.

Info for manual annotations of cluster P1:
•Start number 2 was manually annotated 1 time for cluster P1.

Info for manual annotations of cluster P2:
•Start number 2 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P6:
•Start number 2 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: Fulbright_27 Start: 22795, Stop: 24165, Start Num: 2
Candidate Starts for Fulbright_27:
(Start: 2 @22795 has 7 MA's), (4, 22879), (6, 22993), (7, 23017), (8, 23110), (9, 23161), (10, 23200), (11, 23209), (12, 23242), (13, 23284), (16, 23392), (17, 23425), (18, 23443), (20, 23539), (21, 23542), (22, 23602), (23, 23605), (24, 23650), (26, 23746), (28, 23860), (29, 23917), (30, 23932), (31, 24022),

Gene: Panchino_25 Start: 21997, Stop: 23352, Start Num: 2
Candidate Starts for Panchino_25:
(Start: 2 @21997 has 7 MA's), (3, 22078), (4, 22081), (5, 22162), (6, 22195), (8, 22312), (9, 22363), (10, 22402), (11, 22411), (12, 22444), (13, 22486), (16, 22585), (17, 22618), (18, 22636), (20, 22732), (21, 22735), (22, 22795), (23, 22798), (24, 22843), (26, 22939), (28, 23053), (29, 23110), (30, 23125), (31, 23215),

Gene: Purky_26 Start: 23374, Stop: 24729, Start Num: 2
Candidate Starts for Purky_26:
(Start: 2 @23374 has 7 MA's), (3, 23455), (7, 23596), (8, 23689), (9, 23740), (11, 23788), (12, 23821), (13, 23863), (17, 23995), (18, 24013), (19, 24097), (22, 24172), (23, 24175), (24, 24220), (25, 24241), (28, 24430), (29, 24487), (30, 24502), (31, 24592),

Gene: SkinnyPete_25 Start: 22021, Stop: 23382, Start Num: 2
Candidate Starts for SkinnyPete_25:
(Start: 2 @22021 has 7 MA's), (3, 22102), (4, 22105), (5, 22186), (6, 22219), (8, 22336), (9, 22387), (10, 22426), (11, 22435), (12, 22468), (13, 22510), (16, 22609), (17, 22642), (18, 22660), (20, 22756), (21, 22759), (22, 22819), (23, 22822), (24, 22867), (26, 22963), (28, 23077), (29, 23134), (30, 23149), (31, 23239),

Gene: Squirty_26 Start: 22516, Stop: 23880, Start Num: 2
Candidate Starts for Squirty_26:
(1, 22480), (Start: 2 @22516 has 7 MA's), (3, 22597), (4, 22600), (6, 22714), (7, 22738), (8, 22831), (9, 22882), (10, 22921), (11, 22930), (12, 22963), (13, 23005), (16, 23113), (17, 23146), (18, 23164), (20,

23260), (21, 23263), (22, 23323), (23, 23326), (24, 23371), (26, 23467), (28, 23581), (29, 23638), (30, 23653), (31, 23743),

Gene: Tortellini_26 Start: 23717, Stop: 25081, Start Num: 2
Candidate Starts for Tortellini_26:
(Start: 2 @23717 has 7 MA's), (3, 23798), (4, 23801), (5, 23882), (6, 23915), (8, 24032), (9, 24083), (10, 24122), (11, 24131), (12, 24164), (13, 24206), (14, 24230), (15, 24299), (16, 24314), (17, 24347), (18, 24365), (20, 24461), (22, 24524), (23, 24527), (24, 24572), (26, 24668), (27, 24776), (28, 24782), (29, 24839), (30, 24854), (31, 24944),

Gene: WST1_26 Start: 20882, Stop: 22234, Start Num: 2
Candidate Starts for WST1_26:
(1, 20846), (Start: 2 @20882 has 7 MA's), (3, 20963), (7, 21104), (8, 21197), (9, 21248), (11, 21296), (12, 21329), (13, 21371), (17, 21500), (18, 21518), (19, 21602), (22, 21677), (23, 21680), (24, 21725), (28, 21935), (29, 21992), (30, 22007), (31, 22097),

Gene: Willsammy_26 Start: 23390, Stop: 24745, Start Num: 2
Candidate Starts for Willsammy_26:
(Start: 2 @23390 has 7 MA's), (3, 23471), (4, 23474), (5, 23555), (6, 23588), (8, 23705), (9, 23756), (10, 23795), (11, 23804), (12, 23837), (13, 23879), (16, 23978), (17, 24011), (18, 24029), (20, 24125), (21, 24128), (22, 24188), (23, 24191), (24, 24236), (26, 24332), (28, 24446), (29, 24503), (30, 24518), (31, 24608),