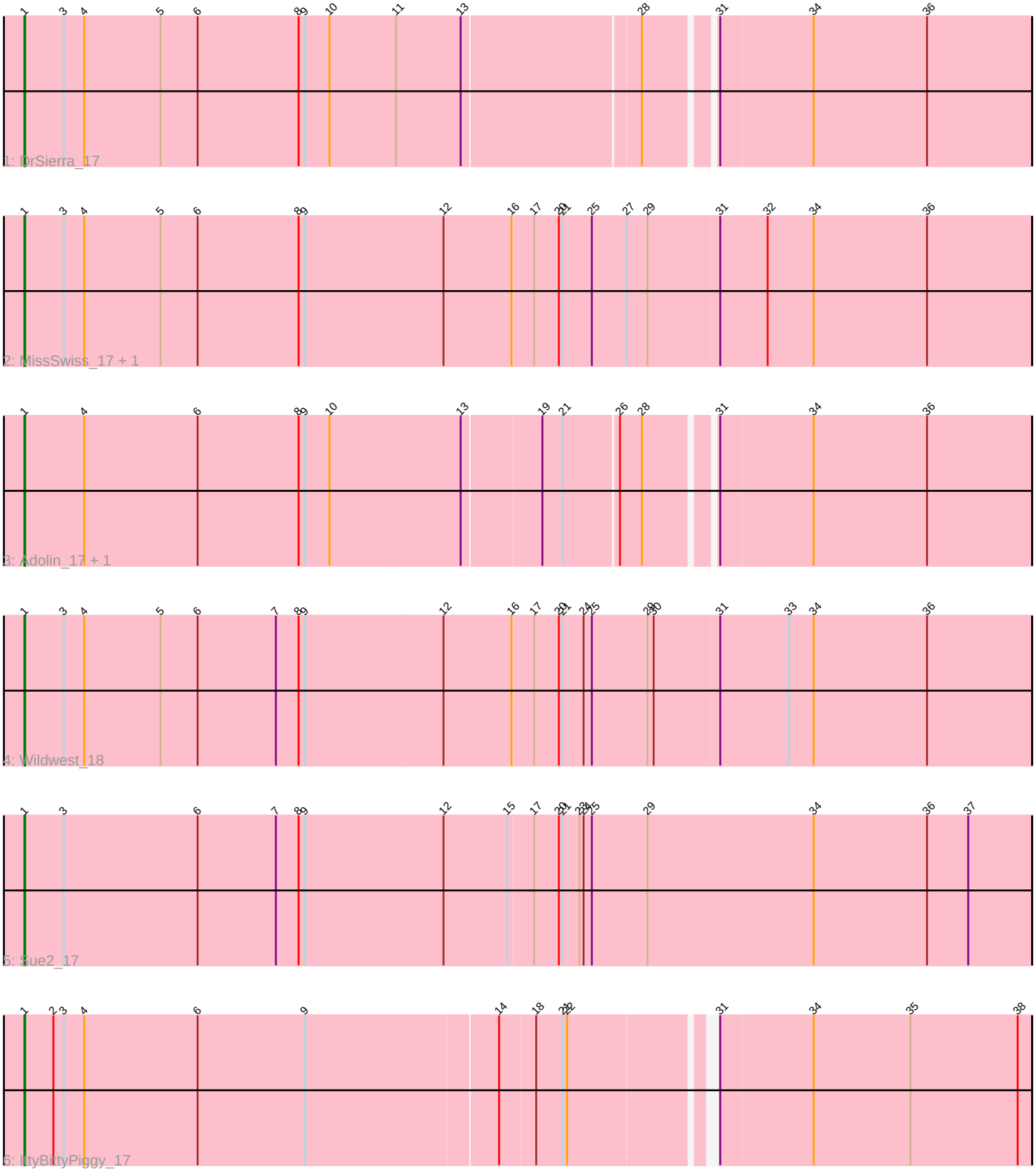
Pham 348337


1: DrSierra_17
2: MissSwiss_17 + 1
3: Adolin_17 + 1
4: Wildwest_18
5: Sue2_17
6: IttyBittyPiggy_17

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 348337 Report

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

Pham number 348337 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : DrSierra_17
• Track 2 : MissSwiss_17, PandaPo_17
• Track 3 : Adolin_17, DrManhattan_17
• Track 4 : Wildwest_18
• Track 5 : Sue2_17
• Track 6 : IttyBittyPiggy_17

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

The start number called the most often in the published annotations is 1, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adolin_17, DrManhattan_17, DrSierra_17, IttyBittyPiggy_17, MissSwiss_17, PandaPo_17, Sue2_17, Wildwest_18,

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 1:
• 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: Adolin_17 (AZ1), DrManhattan_17 (AZ1), DrSierra_17 (AZ1), IttyBittyPiggy_17 (AZ1), MissSwiss_17 (AZ1), PandaPo_17 (AZ1), Sue2_17 (AZ1), Wildwest_18 (AZ1),

Summary by clusters:

There is one cluster represented in this pham: AZ1

Info for manual annotations of cluster AZ1:
•Start number 1 was manually annotated 7 times for cluster AZ1.

Gene Information:

Gene: Adolin_17 Start: 12957, Stop: 14372, Start Num: 1
Candidate Starts for Adolin_17:
(Start: 1 @12957 has 7 MA's), (4, 13044), (6, 13209), (8, 13356), (9, 13365), (10, 13401), (13, 13590), (19, 13701), (21, 13731), (26, 13806), (28, 13836), (31, 13923), (34, 14055), (36, 14220),

Gene: DrManhattan_17 Start: 12947, Stop: 14362, Start Num: 1
Candidate Starts for DrManhattan_17:
(Start: 1 @12947 has 7 MA's), (4, 13034), (6, 13199), (8, 13346), (9, 13355), (10, 13391), (13, 13580), (19, 13691), (21, 13721), (26, 13796), (28, 13826), (31, 13913), (34, 14045), (36, 14210),

Gene: DrSierra_17 Start: 13035, Stop: 14453, Start Num: 1
Candidate Starts for DrSierra_17:
(Start: 1 @13035 has 7 MA's), (3, 13092), (4, 13122), (5, 13233), (6, 13287), (8, 13434), (9, 13443), (10, 13479), (11, 13575), (13, 13668), (28, 13917), (31, 14004), (34, 14136), (36, 14301),

Gene: IttyBittyPiggy_17 Start: 13035, Stop: 14447, Start Num: 1
Candidate Starts for IttyBittyPiggy_17:
(Start: 1 @13035 has 7 MA's), (2, 13077), (3, 13092), (4, 13122), (6, 13287), (9, 13443), (14, 13716), (18, 13767), (21, 13806), (22, 13812), (31, 13998), (34, 14130), (35, 14271), (38, 14427),

Gene: MissSwiss_17 Start: 12947, Stop: 14404, Start Num: 1
Candidate Starts for MissSwiss_17:
(Start: 1 @12947 has 7 MA's), (3, 13004), (4, 13034), (5, 13145), (6, 13199), (8, 13346), (9, 13355), (12, 13556), (16, 13655), (17, 13685), (20, 13721), (21, 13727), (25, 13769), (27, 13820), (29, 13850), (31, 13952), (32, 14021), (34, 14087), (36, 14252),

Gene: PandaPo_17 Start: 12947, Stop: 14404, Start Num: 1
Candidate Starts for PandaPo_17:
(Start: 1 @12947 has 7 MA's), (3, 13004), (4, 13034), (5, 13145), (6, 13199), (8, 13346), (9, 13355), (12, 13556), (16, 13655), (17, 13685), (20, 13721), (21, 13727), (25, 13769), (27, 13820), (29, 13850), (31, 13952), (32, 14021), (34, 14087), (36, 14252),

Gene: Sue2_17 Start: 13142, Stop: 14602, Start Num: 1
Candidate Starts for Sue2_17:
(Start: 1 @13142 has 7 MA's), (3, 13199), (6, 13394), (7, 13508), (8, 13541), (9, 13550), (12, 13751), (15, 13844), (17, 13880), (20, 13916), (21, 13922), (23, 13946), (24, 13952), (25, 13964), (29, 14045), (34, 14285), (36, 14450), (37, 14510),

Gene: Wildwest_18 Start: 13910, Stop: 15367, Start Num: 1
Candidate Starts for Wildwest_18:
(Start: 1 @13910 has 7 MA's), (3, 13967), (4, 13997), (5, 14108), (6, 14162), (7, 14276), (8, 14309), (9, 14318), (12, 14519), (16, 14618), (17, 14648), (20, 14684), (21, 14690), (24, 14720), (25, 14732), (29, 14813), (30, 14822), (31, 14915), (33, 15014), (34, 15050), (36, 15215),