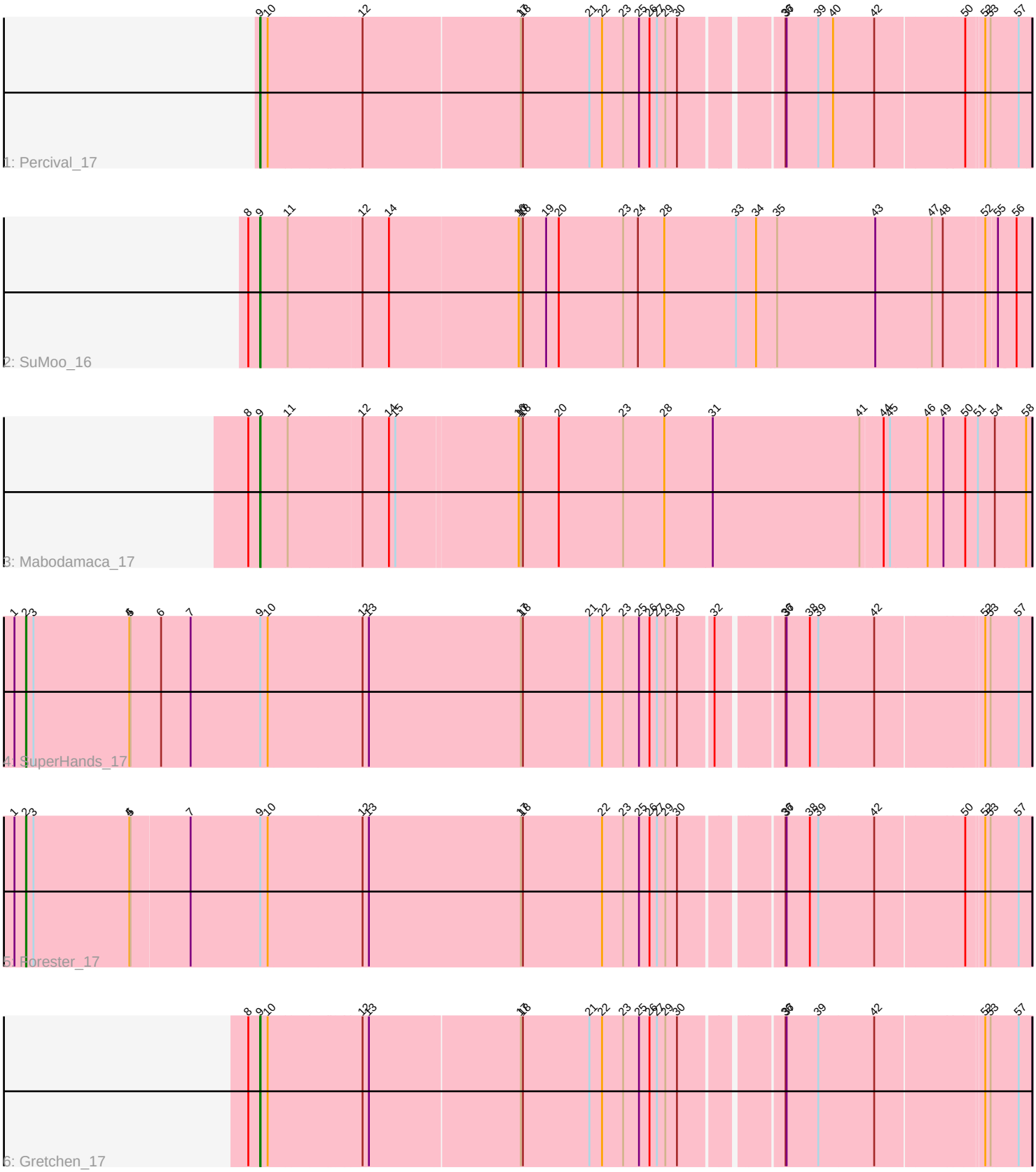
Pham 348412


1: Percival_17
2: SuMoo_16
3: Mabodamaca_17
4: SuperHands_17
5: Forester_17
6: Gretchen_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 348412 Report

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

Pham number 348412 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Percival_17
• Track 2 : SuMoo_16
• Track 3 : Mabodamaca_17
• Track 4 : SuperHands_17
• Track 5 : Forester_17
• Track 6 : Gretchen_17

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

The start number called the most often in the published annotations is 9, it was called in 4 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Gretchen_17, Mabodamaca_17, Percival_17, SuMoo_16,

Genes that have the "Most Annotated" start but do not call it:
• Forester_17, SuperHands_17,

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

Summary by start number:

Start 2:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Forester_17 (EH), SuperHands_17 (EH),

Start 9:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 6
• Called 66.7% of time when present

• Phage (with cluster) where this start called: Gretchen_17 (EH), Mabodamaca_17 (EH), Percival_17 (EH), SuMoo_16 (EH),

Summary by clusters:

There is one cluster represented in this pham: EH

Info for manual annotations of cluster EH:
•Start number 2 was manually annotated 2 times for cluster EH.
•Start number 9 was manually annotated 4 times for cluster EH.

Gene Information:

Gene: Forester_17 Start: 14864, Stop: 17614, Start Num: 2
Candidate Starts for Forester_17:
(1, 14831), (Start: 2 @14864 has 2 MA's), (3, 14885), (4, 15158), (5, 15161), (7, 15326), (Start: 9 @15524 has 4 MA's), (10, 15545), (12, 15809), (13, 15827), (17, 16259), (18, 16265), (22, 16490), (23, 16550), (25, 16595), (26, 16625), (27, 16646), (29, 16670), (30, 16703), (36, 16958), (37, 16961), (38, 17027), (39, 17051), (42, 17207), (50, 17444), (52, 17486), (53, 17501), (57, 17579),

Gene: Gretchen_17 Start: 14858, Stop: 16924, Start Num: 9
Candidate Starts for Gretchen_17:
(8, 14825), (Start: 9 @14858 has 4 MA's), (10, 14879), (12, 15131), (13, 15149), (17, 15569), (18, 15575), (21, 15764), (22, 15800), (23, 15860), (25, 15905), (26, 15935), (27, 15956), (29, 15980), (30, 16013), (36, 16268), (37, 16271), (39, 16361), (42, 16517), (52, 16796), (53, 16811), (57, 16889),

Gene: Mabodamaca_17 Start: 13974, Stop: 16115, Start Num: 9
Candidate Starts for Mabodamaca_17:
(8, 13941), (Start: 9 @13974 has 4 MA's), (11, 14049), (12, 14244), (14, 14319), (15, 14337), (16, 14676), (17, 14682), (18, 14688), (20, 14790), (23, 14973), (28, 15090), (31, 15225), (41, 15642), (44, 15702), (45, 15720), (46, 15822), (49, 15867), (50, 15927), (51, 15963), (54, 16011), (58, 16098),

Gene: Percival_17 Start: 14692, Stop: 16758, Start Num: 9
Candidate Starts for Percival_17:
(Start: 9 @14692 has 4 MA's), (10, 14713), (12, 14965), (17, 15403), (18, 15409), (21, 15598), (22, 15634), (23, 15694), (25, 15739), (26, 15769), (27, 15790), (29, 15814), (30, 15847), (36, 16102), (37, 16105), (39, 16195), (40, 16237), (42, 16351), (50, 16588), (52, 16630), (53, 16645), (57, 16723),

Gene: SuMoo_16 Start: 12931, Stop: 15072, Start Num: 9
Candidate Starts for SuMoo_16:
(8, 12898), (Start: 9 @12931 has 4 MA's), (11, 13006), (12, 13201), (14, 13276), (16, 13639), (17, 13645), (18, 13651), (19, 13717), (20, 13753), (23, 13936), (24, 13978), (28, 14053), (33, 14257), (34, 14314), (35, 14371), (43, 14650), (47, 14809), (48, 14839), (52, 14953), (55, 14983), (56, 15031),

Gene: SuperHands_17 Start: 14864, Stop: 17620, Start Num: 2
Candidate Starts for SuperHands_17:
(1, 14831), (Start: 2 @14864 has 2 MA's), (3, 14885), (4, 15158), (5, 15161), (6, 15248), (7, 15332), (Start: 9 @15530 has 4 MA's), (10, 15551), (12, 15815), (13, 15833), (17, 16265), (18, 16271), (21, 16460), (22, 16496), (23, 16556), (25, 16601), (26, 16631), (27, 16652), (29, 16676), (30, 16709), (32, 16802), (36, 16964), (37, 16967), (38, 17033), (39, 17057), (42, 17213), (52, 17492), (53, 17507), (57, 17585),