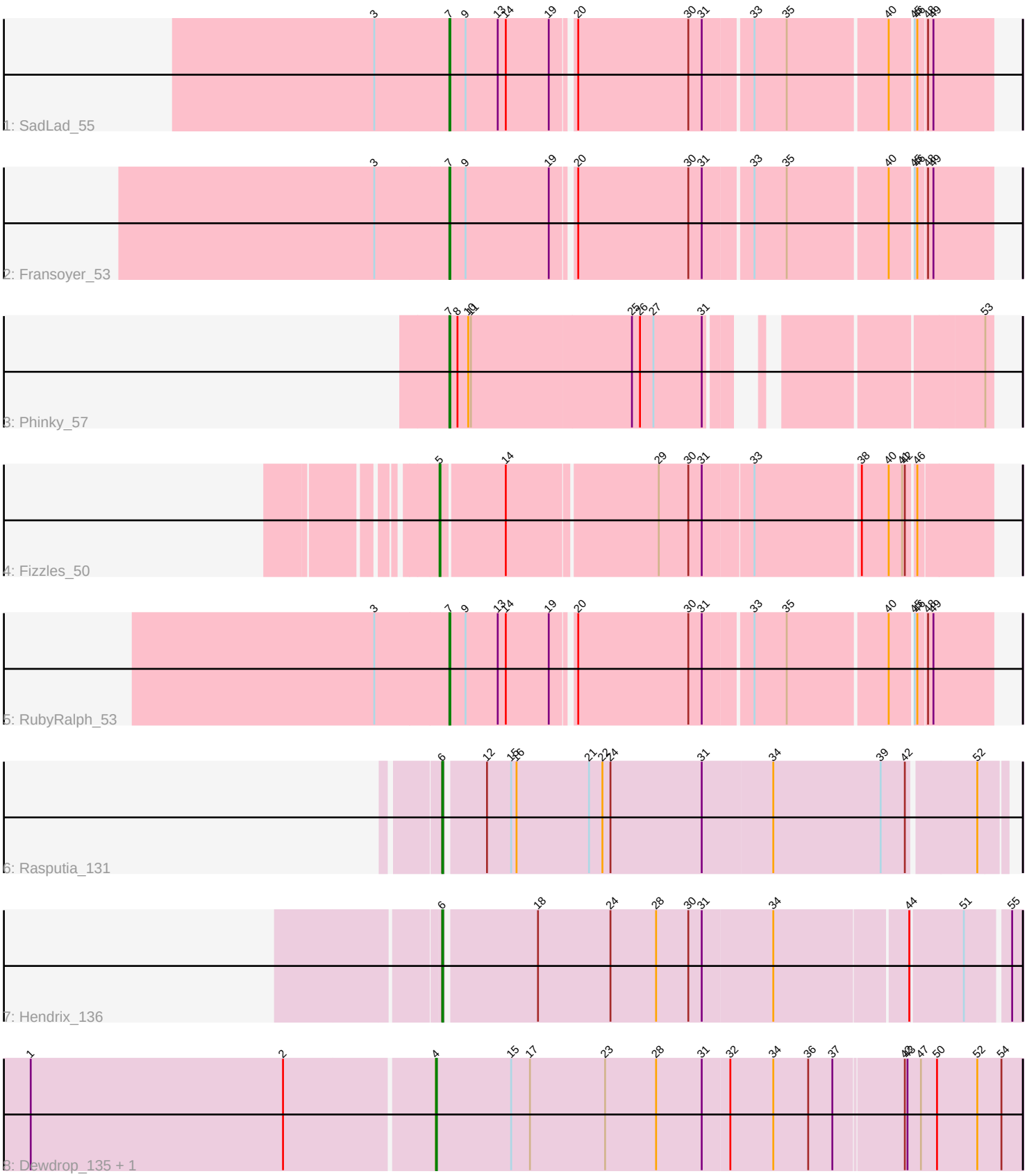
Pham 348282


1: SadLad_55
2: Fransoyer_53
3: Phinky_57
4: Fizzles_50
5: RubyRalph_53
6: Rasputia_131
7: Hendrix_136
8: Dewdrop_135 + 1

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 348282 Report

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

Pham number 348282 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : SadLad_55
• Track 2 : Fransoyer_53
• Track 3 : Phinky_57
• Track 4 : Fizzles_50
• Track 5 : RubyRalph_53
• Track 6 : Rasputia_131
• Track 7 : Hendrix_136
• Track 8 : Dewdrop_135, Leaf_135

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

The start number called the most often in the published annotations is 7, it was called in 4 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fransoyer_53, Phinky_57, RubyRalph_53, SadLad_55,

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

Genes that do not have the "Most Annotated" start:
• Dewdrop_135, Fizzles_50, Hendrix_136, Leaf_135, Rasputia_131,

Summary by start number:

Start 4:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dewdrop_135 (GC), Leaf_135 (GC),

Start 5:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 9

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Fizzles_50 (EG),

Start 6:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hendrix_136 (GC), Rasputia_131 (GC),

Start 7:
• Found in 4 of 9 (44.4%) of genes in pham
• Manual Annotations of this start: 4 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Fransoyer_53 (EG), Phinky_57 (EG), RubyRalph_53 (EG), SadLad_55 (EG),

Summary by clusters:

There are 2 clusters represented in this pham: EG, GC,

Info for manual annotations of cluster EG:
•Start number 5 was manually annotated 1 time for cluster EG.
•Start number 7 was manually annotated 4 times for cluster EG.

Info for manual annotations of cluster GC:
•Start number 4 was manually annotated 2 times for cluster GC.
•Start number 6 was manually annotated 2 times for cluster GC.

Gene Information:

Gene: Dewdrop_135 Start: 81510, Stop: 82157, Start Num: 4
Candidate Starts for Dewdrop_135:
(1, 81066), (2, 81348), (Start: 4 @81510 has 2 MA's), (15, 81594), (17, 81615), (23, 81699), (28, 81756), (31, 81807), (32, 81837), (34, 81885), (36, 81924), (37, 81951), (42, 82026), (43, 82029), (47, 82044), (50, 82062), (52, 82107), (54, 82134),

Gene: Fizzles_50 Start: 36770, Stop: 36186, Start Num: 5
Candidate Starts for Fizzles_50:
(Start: 5 @36770 has 1 MA's), (14, 36701), (29, 36539), (30, 36506), (31, 36491), (33, 36437), (38, 36323), (40, 36293), (41, 36278), (42, 36275), (46, 36266),

Gene: Fransoyer_53 Start: 39769, Stop: 39197, Start Num: 7
Candidate Starts for Fransoyer_53:
(3, 39850), (Start: 7 @39769 has 4 MA's), (9, 39751), (19, 39658), (20, 39637), (30, 39514), (31, 39499), (33, 39448), (35, 39412), (40, 39304), (45, 39280), (46, 39277), (48, 39268), (49, 39262),

Gene: Hendrix_136 Start: 85248, Stop: 85865, Start Num: 6
Candidate Starts for Hendrix_136:
(Start: 6 @85248 has 2 MA's), (18, 85347), (24, 85428), (28, 85479), (30, 85515), (31, 85530), (34, 85608), (44, 85752), (51, 85809), (55, 85854),

Gene: Leaf_135 Start: 81441, Stop: 82088, Start Num: 4
Candidate Starts for Leaf_135:
(1, 80997), (2, 81279), (Start: 4 @81441 has 2 MA's), (15, 81525), (17, 81546), (23, 81630), (28, 81687), (31, 81738), (32, 81768), (34, 81816), (36, 81855), (37, 81882), (42, 81957), (43, 81960), (47, 81975), (50, 81993), (52, 82038), (54, 82065),

Gene: Phinky_57 Start: 39361, Stop: 38828, Start Num: 7
Candidate Starts for Phinky_57:
(Start: 7 @39361 has 4 MA's), (8, 39352), (10, 39340), (11, 39337), (25, 39160), (26, 39151), (27, 39136), (31, 39082), (53, 38836),

Gene: Rasputia_131 Start: 82759, Stop: 83367, Start Num: 6
Candidate Starts for Rasputia_131:
(Start: 6 @82759 has 2 MA's), (12, 82801), (15, 82828), (16, 82834), (21, 82915), (22, 82930), (24, 82939), (31, 83041), (34, 83119), (39, 83239), (42, 83266), (52, 83338),

Gene: RubyRalph_53 Start: 39698, Stop: 39126, Start Num: 7
Candidate Starts for RubyRalph_53:
(3, 39779), (Start: 7 @39698 has 4 MA's), (9, 39680), (13, 39644), (14, 39635), (19, 39587), (20, 39566), (30, 39443), (31, 39428), (33, 39377), (35, 39341), (40, 39233), (45, 39209), (46, 39206), (48, 39197), (49, 39191),

Gene: SadLad_55 Start: 40641, Stop: 40069, Start Num: 7
Candidate Starts for SadLad_55:
(3, 40722), (Start: 7 @40641 has 4 MA's), (9, 40623), (13, 40587), (14, 40578), (19, 40530), (20, 40509), (30, 40386), (31, 40371), (33, 40320), (35, 40284), (40, 40176), (45, 40152), (46, 40149), (48, 40140), (49, 40134),