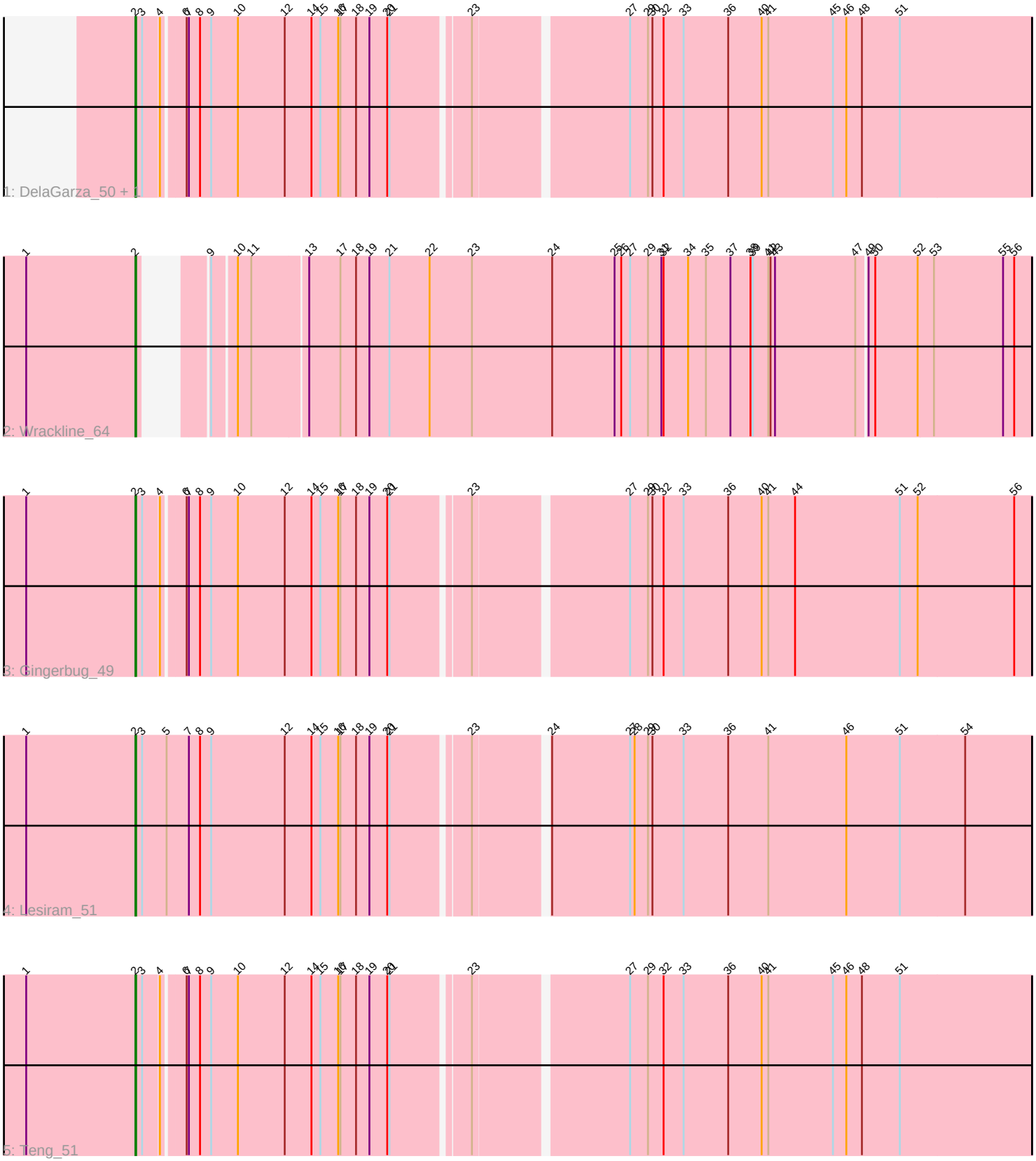
Pham 348388


1: DelaGarza_50 + 1
2: Wrackline_64
3: Gingerbug_49
4: Uesiram_51
5: Teng_51

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 348388 Report

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

Pham number 348388 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : DelaGarza_50, Sweetums_52
• Track 2 : Wrackline_64
• Track 3 : Gingerbug_49
• Track 4 : Lesiram_51
• Track 5 : Teng_51

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DelaGarza_50, Gingerbug_49, Lesiram_51, Sweetums_52, Teng_51, Wrackline_64,

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 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DelaGarza_50 (GF), Gingerbug_49 (GF), Lesiram_51 (GF), Sweetums_52 (GF), Teng_51 (GF), Wrackline_64 (GF),

Summary by clusters:

There is one cluster represented in this pham: GF

Info for manual annotations of cluster GF:

•Start number 2 was manually annotated 6 times for cluster GF.

Gene Information:

Gene: DelaGarza_50 Start: 28893, Stop: 30053, Start Num: 2
Candidate Starts for DelaGarza_50:
(Start: 2 @28893 has 6 MA's), (3, 28902), (4, 28923), (6, 28950), (7, 28953), (8, 28968), (9, 28983), (10, 29019), (12, 29082), (14, 29118), (15, 29130), (16, 29154), (17, 29157), (18, 29178), (19, 29196), (20, 29220), (21, 29223), (23, 29319), (27, 29514), (29, 29538), (30, 29544), (32, 29559), (33, 29586), (36, 29646), (40, 29691), (41, 29700), (45, 29787), (46, 29805), (48, 29826), (51, 29877),

Gene: Gingerbug_49 Start: 29379, Stop: 30539, Start Num: 2
Candidate Starts for Gingerbug_49:
(1, 29232), (Start: 2 @29379 has 6 MA's), (3, 29388), (4, 29409), (6, 29436), (7, 29439), (8, 29454), (9, 29469), (10, 29505), (12, 29568), (14, 29604), (15, 29616), (16, 29640), (17, 29643), (18, 29664), (19, 29682), (20, 29706), (21, 29709), (23, 29805), (27, 30000), (29, 30024), (30, 30030), (32, 30045), (33, 30072), (36, 30132), (40, 30177), (41, 30186), (44, 30222), (51, 30363), (52, 30387), (56, 30516),

Gene: Lesiram_51 Start: 28857, Stop: 30029, Start Num: 2
Candidate Starts for Lesiram_51:
(1, 28710), (Start: 2 @28857 has 6 MA's), (3, 28866), (5, 28899), (7, 28929), (8, 28944), (9, 28959), (12, 29058), (14, 29094), (15, 29106), (16, 29130), (17, 29133), (18, 29154), (19, 29172), (20, 29196), (21, 29199), (23, 29295), (24, 29385), (27, 29490), (28, 29496), (29, 29514), (30, 29520), (33, 29562), (36, 29622), (41, 29676), (46, 29781), (51, 29853), (54, 29940),

Gene: Sweetums_52 Start: 28977, Stop: 30137, Start Num: 2
Candidate Starts for Sweetums_52:
(Start: 2 @28977 has 6 MA's), (3, 28986), (4, 29007), (6, 29034), (7, 29037), (8, 29052), (9, 29067), (10, 29103), (12, 29166), (14, 29202), (15, 29214), (16, 29238), (17, 29241), (18, 29262), (19, 29280), (20, 29304), (21, 29307), (23, 29403), (27, 29598), (29, 29622), (30, 29628), (32, 29643), (33, 29670), (36, 29730), (40, 29775), (41, 29784), (45, 29871), (46, 29889), (48, 29910), (51, 29961),

Gene: Teng_51 Start: 28881, Stop: 30041, Start Num: 2
Candidate Starts for Teng_51:
(1, 28734), (Start: 2 @28881 has 6 MA's), (3, 28890), (4, 28911), (6, 28938), (7, 28941), (8, 28956), (9, 28971), (10, 29007), (12, 29070), (14, 29106), (15, 29118), (16, 29142), (17, 29145), (18, 29166), (19, 29184), (20, 29208), (21, 29211), (23, 29307), (27, 29502), (29, 29526), (32, 29547), (33, 29574), (36, 29634), (40, 29679), (41, 29688), (45, 29775), (46, 29793), (48, 29814), (51, 29865),

Gene: Wrackline_64 Start: 32862, Stop: 33986, Start Num: 2
Candidate Starts for Wrackline_64:
(1, 32715), (Start: 2 @32862 has 6 MA's), (9, 32901), (10, 32931), (11, 32949), (13, 33021), (17, 33063), (18, 33084), (19, 33102), (21, 33129), (22, 33183), (23, 33240), (24, 33348), (25, 33432), (26, 33441), (27, 33453), (29, 33477), (31, 33495), (32, 33498), (34, 33531), (35, 33555), (37, 33588), (38, 33615), (39, 33618), (41, 33639), (42, 33642), (43, 33648), (47, 33756), (49, 33768), (50, 33777), (52, 33834), (53, 33855), (55, 33948), (56, 33963),