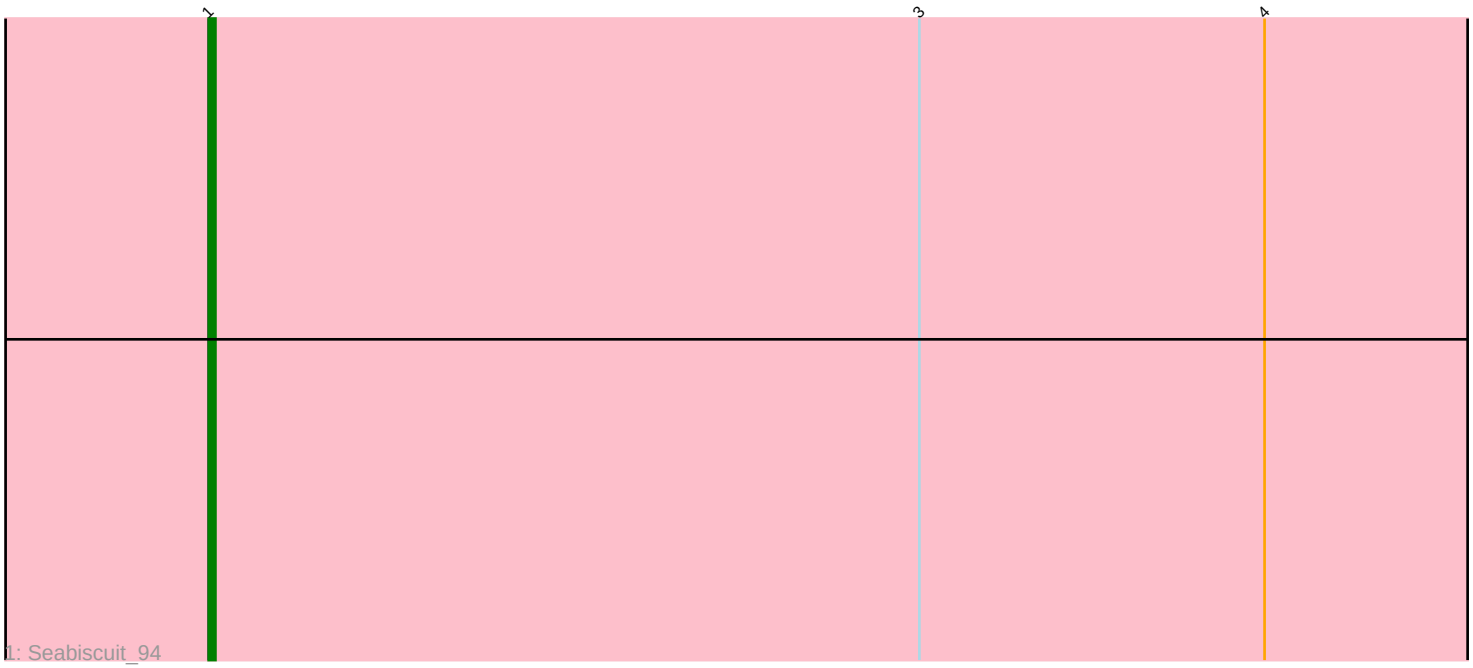
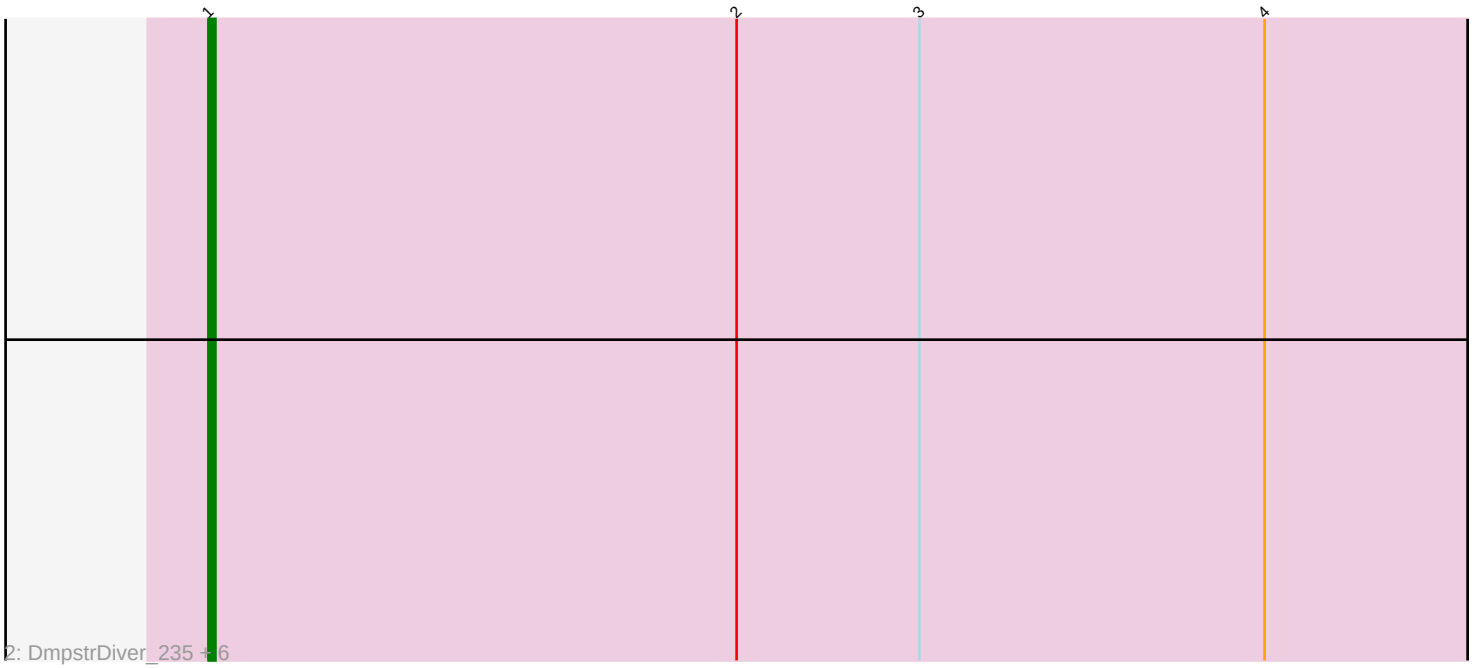
Pham 6603





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 6603 Report

This analysis was run 04/28/24 on database version 559.

Pham number 6603 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Seabiscuit_94
• Track 2 : DmpstrDiver_235, MiaZeal_247, Lucky2013_234, Porcelain_238, Squint_235, Wanda_236, Klein_244

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DmpstrDiver_235, Klein_244, Lucky2013_234, MiaZeal_247, Porcelain_238, Seabiscuit_94, Squint_235, Wanda_236,

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: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DmpstrDiver_235 (J), Klein_244 (J), Lucky2013_234 (J), MiaZeal_247 (J), Porcelain_238 (J), Seabiscuit_94 (A1), Squint_235 (J), Wanda_236 (J),

Summary by clusters:

There are 2 clusters represented in this pham: A1, J,

Info for manual annotations of cluster A1:

•Start number 1 was manually annotated 1 time for cluster A1.

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

Gene Information:

Gene: DmpstrDiver_235 Start: 109713, Stop: 109516, Start Num: 1
Candidate Starts for DmpstrDiver_235:
(Start: 1 @109713 has 8 MA's), (2, 109635), (3, 109608), (4, 109557),

Gene: Klein_244 Start: 110425, Stop: 110228, Start Num: 1
Candidate Starts for Klein_244:
(Start: 1 @110425 has 8 MA's), (2, 110347), (3, 110320), (4, 110269),

Gene: Lucky2013_234 Start: 106927, Stop: 106730, Start Num: 1
Candidate Starts for Lucky2013_234:
(Start: 1 @106927 has 8 MA's), (2, 106849), (3, 106822), (4, 106771),

Gene: MiaZeal_247 Start: 109064, Stop: 108867, Start Num: 1
Candidate Starts for MiaZeal_247:
(Start: 1 @109064 has 8 MA's), (2, 108986), (3, 108959), (4, 108908),

Gene: Porcelain_238 Start: 107874, Stop: 107677, Start Num: 1
Candidate Starts for Porcelain_238:
(Start: 1 @107874 has 8 MA's), (2, 107796), (3, 107769), (4, 107718),

Gene: Seabiscuit_94 Start: 51042, Stop: 50845, Start Num: 1
Candidate Starts for Seabiscuit_94:
(Start: 1 @51042 has 8 MA's), (3, 50937), (4, 50886),

Gene: Squint_235 Start: 108680, Stop: 108483, Start Num: 1
Candidate Starts for Squint_235:
(Start: 1 @108680 has 8 MA's), (2, 108602), (3, 108575), (4, 108524),

Gene: Wanda_236 Start: 108055, Stop: 107858, Start Num: 1
Candidate Starts for Wanda_236:
(Start: 1 @108055 has 8 MA's), (2, 107977), (3, 107950), (4, 107899),