Pham 86884

1: Clarkson_100 + 11

2: Caprice_91 + 4
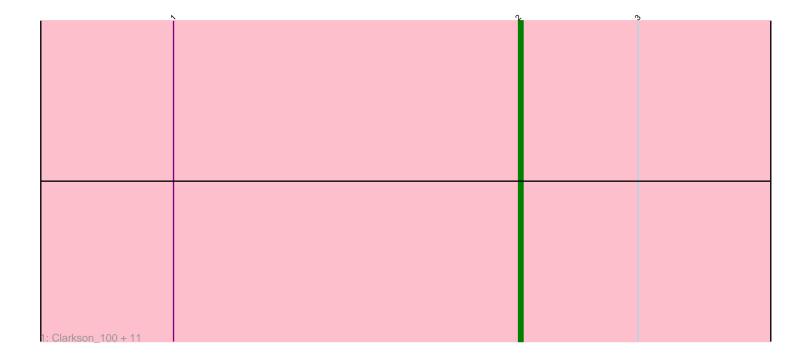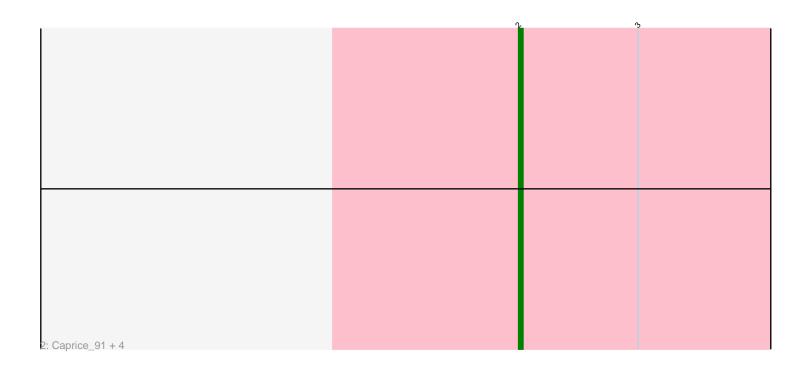
Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 86884 Report

This analysis was run 04/05/24 on database version 557.

Pham number 86884 has 17 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Clarkson_100, LittleLaf_97, Marvin_93, Beelzebub_103, Lilbit_97, JoieB_100, Corazon_94, Pringar_95, Gattaca_98, Huphlepuff_101, MosMoris_95, Tesla_95
• Track 2 : Caprice_91, Raela_101, Poise_100, RedRaider77_99, Blackbeetle_100

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 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beelzebub_103, Blackbeetle_100, Caprice_91, Clarkson_100, Corazon_94, Gattaca_98, Huphlepuff_101, JoieB_100, Lilbit_97, LittleLaf_97, Marvin_93, MosMoris_95, Poise_100, Pringar_95, Raela_101, RedRaider77_99, Tesla_95,

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 17 of 17 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beelzebub_103 (S), Blackbeetle_100 (S), Caprice_91 (S), Clarkson_100 (S), Corazon_94 (S), Gattaca_98 (S), Huphlepuff_101 (S), JoieB_100 (S), Lilbit_97 (S), LittleLaf_97 (S), Marvin_93 (S), MosMoris_95 (S), Poise_100 (S), Pringar_95 (S), Raela_101 (S), RedRaider77_99 (S), Tesla_95 (S),

Summary by clusters:

There is one cluster represented in this pham: S

Info for manual annotations of cluster S:
•Start number 2 was manually annotated 15 times for cluster S.

Gene Information:

Gene: Beelzebub_103 Start: 57007, Stop: 56885, Start Num: 2
Candidate Starts for Beelzebub_103:
(1, 57085), (Start: 2 @57007 has 15 MA's), (3, 56980),

Gene: Blackbeetle_100 Start: 56507, Stop: 56385, Start Num: 2
Candidate Starts for Blackbeetle_100:
(Start: 2 @56507 has 15 MA's), (3, 56480),

Gene: Caprice_91 Start: 56445, Stop: 56323, Start Num: 2
Candidate Starts for Caprice_91:
(Start: 2 @56445 has 15 MA's), (3, 56418),

Gene: Clarkson_100 Start: 56688, Stop: 56566, Start Num: 2
Candidate Starts for Clarkson_100:
(1, 56766), (Start: 2 @56688 has 15 MA's), (3, 56661),

Gene: Corazon_94 Start: 56882, Stop: 56760, Start Num: 2
Candidate Starts for Corazon_94:
(1, 56960), (Start: 2 @56882 has 15 MA's), (3, 56855),

Gene: Gattaca_98 Start: 56919, Stop: 56797, Start Num: 2
Candidate Starts for Gattaca_98:
(1, 56997), (Start: 2 @56919 has 15 MA's), (3, 56892),

Gene: Huphlepuff_101 Start: 56493, Stop: 56371, Start Num: 2
Candidate Starts for Huphlepuff_101:
(1, 56571), (Start: 2 @56493 has 15 MA's), (3, 56466),

Gene: JoieB_100 Start: 57094, Stop: 56972, Start Num: 2
Candidate Starts for JoieB_100:
(1, 57172), (Start: 2 @57094 has 15 MA's), (3, 57067),

Gene: Lilbit_97 Start: 57053, Stop: 56931, Start Num: 2
Candidate Starts for Lilbit_97:
(1, 57131), (Start: 2 @57053 has 15 MA's), (3, 57026),

Gene: LittleLaf_97 Start: 56782, Stop: 56660, Start Num: 2
Candidate Starts for LittleLaf_97:
(1, 56860), (Start: 2 @56782 has 15 MA's), (3, 56755),

Gene: Marvin_93 Start: 56575, Stop: 56453, Start Num: 2
Candidate Starts for Marvin_93:
(1, 56653), (Start: 2 @56575 has 15 MA's), (3, 56548),

Gene: MosMoris_95 Start: 56925, Stop: 56803, Start Num: 2
Candidate Starts for MosMoris_95:
(1, 57003), (Start: 2 @56925 has 15 MA's), (3, 56898),

Gene: Poise_100 Start: 56507, Stop: 56385, Start Num: 2
Candidate Starts for Poise_100:
(Start: 2 @56507 has 15 MA's), (3, 56480),

Gene: Pringar_95 Start: 56294, Stop: 56172, Start Num: 2
Candidate Starts for Pringar_95:
(1, 56372), (Start: 2 @56294 has 15 MA's), (3, 56267),

Gene: Raela_101 Start: 57062, Stop: 56940, Start Num: 2
Candidate Starts for Raela_101:
(Start: 2 @57062 has 15 MA's), (3, 57035),

Gene: RedRaider77_99 Start: 56455, Stop: 56333, Start Num: 2
Candidate Starts for RedRaider77_99:
(Start: 2 @56455 has 15 MA's), (3, 56428),

Gene: Tesla_95 Start: 56301, Stop: 56179, Start Num: 2
Candidate Starts for Tesla_95:
(1, 56379), (Start: 2 @56301 has 15 MA's), (3, 56274),