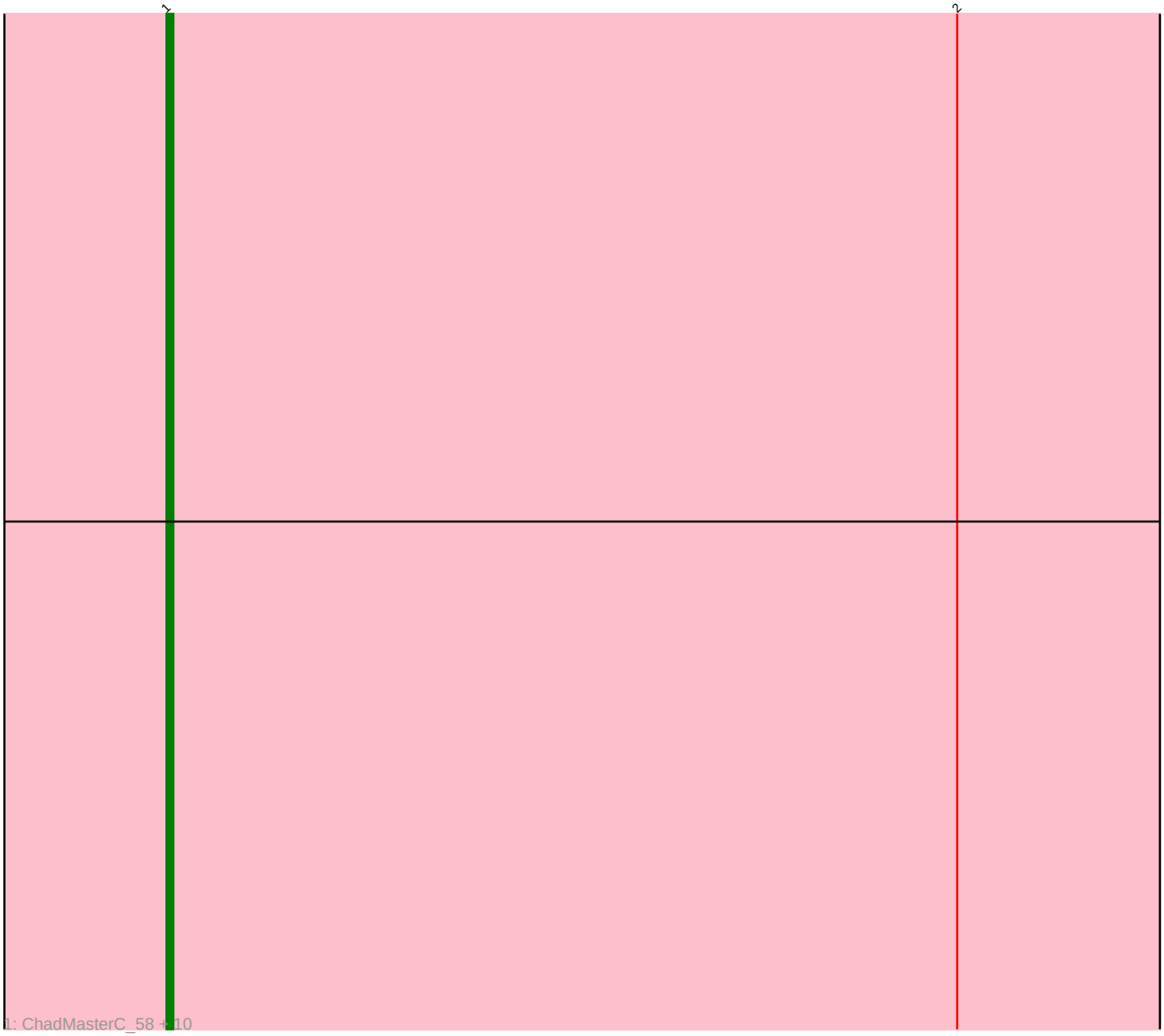
Pham 106770



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 106770 Report

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

Pham number 106770 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : ChadMasterC_58, Affeca_55, Lennon_58, Ailee_54, Brandonk123_60, BobBob_56, Galadriel_58, Charming_59, Keitabear_57, Fosterous_59, Angelicage_55

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Affeca_55, Ailee_54, Angelicage_55, BobBob_56, Brandonk123_60, ChadMasterC_58, Charming_59, Fosterous_59, Galadriel_58, Keitabear_57, Lennon_58,

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 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Affeca_55 (DE1), Ailee_54 (DE1), Angelicage_55 (DE1), BobBob_56 (DE1), Brandonk123_60 (DE1), ChadMasterC_58 (DE1), Charming_59 (DE1), Fosterous_59 (DE1), Galadriel_58 (DE1), Keitabear_57 (DE1), Lennon_58 (DE1),

Summary by clusters:

There is one cluster represented in this pham: DE1

Info for manual annotations of cluster DE1:
•Start number 1 was manually annotated 11 times for cluster DE1.

Gene Information:

Gene: Affeca_55 Start: 46386, Stop: 46733, Start Num: 1
Candidate Starts for Affeca_55:
(Start: 1 @46386 has 11 MA's), (2, 46503),

Gene: Ailee_54 Start: 45994, Stop: 46341, Start Num: 1
Candidate Starts for Ailee_54:
(Start: 1 @45994 has 11 MA's), (2, 46111),

Gene: Angelicage_55 Start: 46801, Stop: 47148, Start Num: 1
Candidate Starts for Angelicage_55:
(Start: 1 @46801 has 11 MA's), (2, 46918),

Gene: BobBob_56 Start: 45984, Stop: 46331, Start Num: 1
Candidate Starts for BobBob_56:
(Start: 1 @45984 has 11 MA's), (2, 46101),

Gene: Brandonk123_60 Start: 47178, Stop: 47525, Start Num: 1
Candidate Starts for Brandonk123_60:
(Start: 1 @47178 has 11 MA's), (2, 47295),

Gene: ChadMasterC_58 Start: 48156, Stop: 48503, Start Num: 1
Candidate Starts for ChadMasterC_58:
(Start: 1 @48156 has 11 MA's), (2, 48273),

Gene: Charming_59 Start: 46672, Stop: 47019, Start Num: 1
Candidate Starts for Charming_59:
(Start: 1 @46672 has 11 MA's), (2, 46789),

Gene: Fosterous_59 Start: 47111, Stop: 47458, Start Num: 1
Candidate Starts for Fosterous_59:
(Start: 1 @47111 has 11 MA's), (2, 47228),

Gene: Galadriel_58 Start: 46886, Stop: 47233, Start Num: 1
Candidate Starts for Galadriel_58:
(Start: 1 @46886 has 11 MA's), (2, 47003),

Gene: Keitabear_57 Start: 47616, Stop: 47963, Start Num: 1
Candidate Starts for Keitabear_57:
(Start: 1 @47616 has 11 MA's), (2, 47733),

Gene: Lennon_58 Start: 47954, Stop: 48301, Start Num: 1
Candidate Starts for Lennon_58:
(Start: 1 @47954 has 11 MA's), (2, 48071),