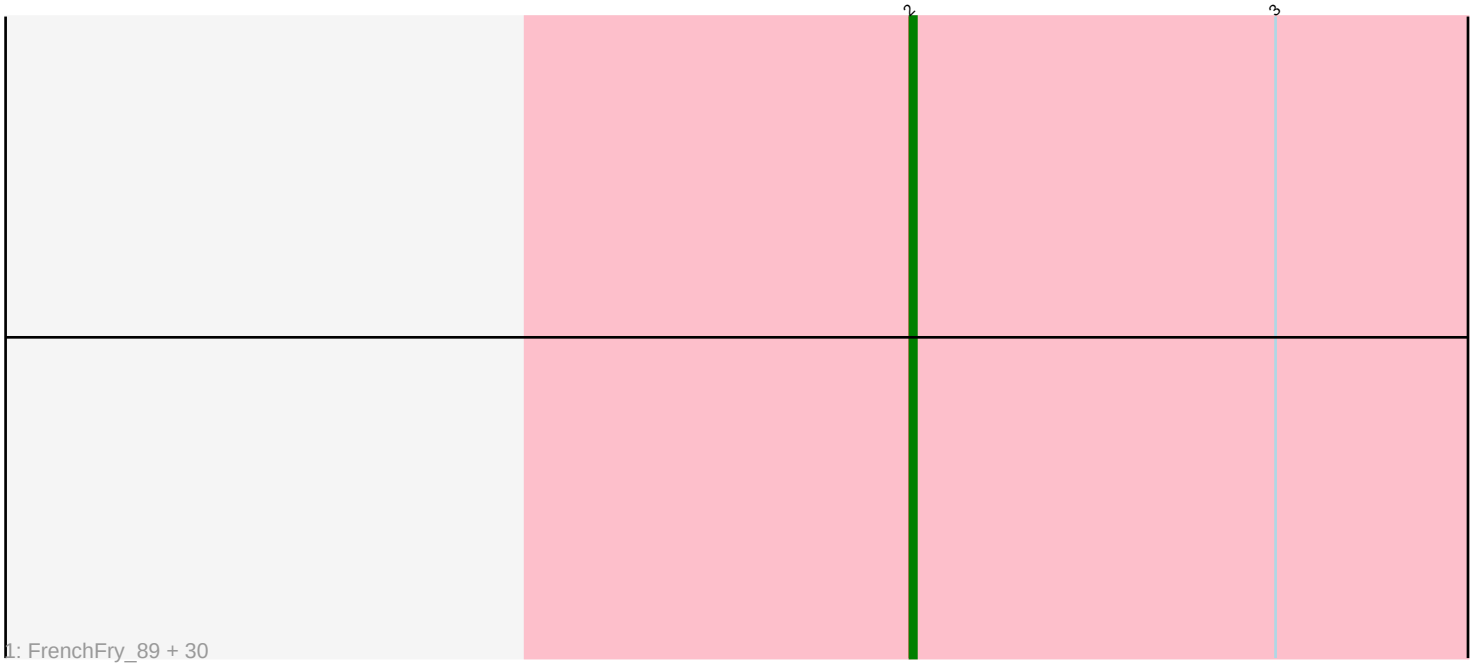
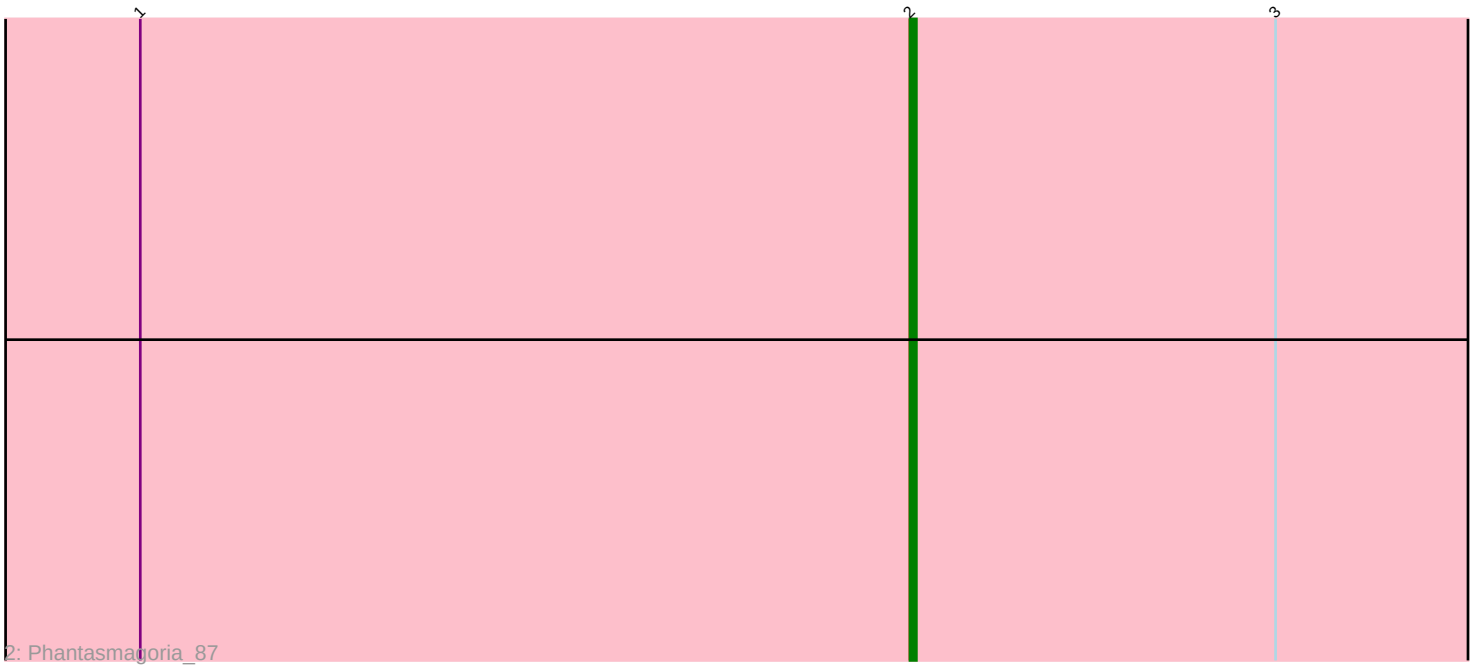
Pham 2670





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 2670 Report

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

Pham number 2670 has 32 members, 2 are drafts.

Phages represented in each track:
• Track 1 : FrenchFry_89, ItsyBitsy1_85, West99_88, Brownie5_88, Arbiter_85, Hedgerow_88, TA17A_89, LizLemon_88, Boyle_88, Holeinone_88, Kaleb_88, Calamitous_89, Faze9_87, Bananafish_89, Kheth_88, Coffee_87, MasterPo_89, Tres_88, Tinciduntsolum_89, Laurie_87, Sabella_88, Glass_90, Lars_89, Opia_89, Allegro_88, Rhinoforte_88, Rosebush_86, Lephleur_88, Eaglehorse_89, Ares_88, Blocker23_88
• Track 2 : Phantasmagoria_87

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 30 of the 30 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Allegro_88, Arbiter_85, Ares_88, Bananafish_89, Blocker23_88, Boyle_88, Brownie5_88, Calamitous_89, Coffee_87, Eaglehorse_89, Faze9_87, FrenchFry_89, Glass_90, Hedgerow_88, Holeinone_88, ItsyBitsy1_85, Kaleb_88, Kheth_88, Lars_89, Laurie_87, Lephleur_88, LizLemon_88, MasterPo_89, Opia_89, Phantasmagoria_87, Rhinoforte_88, Rosebush_86, Sabella_88, TA17A_89, Tinciduntsolum_89, Tres_88, West99_88,

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 32 of 32 (100.0%) of genes in pham
• Manual Annotations of this start: 30 of 30
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Allegro_88 (B2), Arbiter_85 (B2), Ares_88 (B2), Bananafish_89 (B2), Blocker23_88 (B2), Boyle_88 (B2), Brownie5_88 (B2), Calamitous_89 (B2), Coffee_87 (B2), Eaglehorse_89 (B2), Faze9_87 (B2), FrenchFry_89 (B2), Glass_90 (B2), Hedgerow_88 (B2), Holeinone_88 (B2), ItsyBitsy1_85 (B2), Kaleb_88 (B2), Kheth_88 (B2), Lars_89 (B2), Laurie_87 (B2), Lephleur_88 (B2), LizLemon_88 (B2), MasterPo_89 (B2), Opia_89 (B2), Phantasmagoria_87 (B2), Rhinoforte_88 (B2), Rosebush_86 (B2), Sabella_88 (B2), TA17A_89 (B2), Tinciduntsolum_89 (B2), Tres_88 (B2), West99_88 (B2),

Summary by clusters:

There is one cluster represented in this pham: B2

Info for manual annotations of cluster B2:
•Start number 2 was manually annotated 30 times for cluster B2.

Gene Information:

Gene: Allegro_88 Start: 65542, Stop: 65405, Start Num: 2
Candidate Starts for Allegro_88:
(Start: 2 @65542 has 30 MA's), (3, 65485),

Gene: Arbiter_85 Start: 65583, Stop: 65446, Start Num: 2
Candidate Starts for Arbiter_85:
(Start: 2 @65583 has 30 MA's), (3, 65526),

Gene: Ares_88 Start: 65542, Stop: 65405, Start Num: 2
Candidate Starts for Ares_88:
(Start: 2 @65542 has 30 MA's), (3, 65485),

Gene: Bananafish_89 Start: 65479, Stop: 65342, Start Num: 2
Candidate Starts for Bananafish_89:
(Start: 2 @65479 has 30 MA's), (3, 65422),

Gene: Blocker23_88 Start: 65544, Stop: 65407, Start Num: 2
Candidate Starts for Blocker23_88:
(Start: 2 @65544 has 30 MA's), (3, 65487),

Gene: Boyle_88 Start: 65591, Stop: 65454, Start Num: 2
Candidate Starts for Boyle_88:
(Start: 2 @65591 has 30 MA's), (3, 65534),

Gene: Brownie5_88 Start: 65591, Stop: 65454, Start Num: 2
Candidate Starts for Brownie5_88:
(Start: 2 @65591 has 30 MA's), (3, 65534),

Gene: Calamitous_89 Start: 65474, Stop: 65337, Start Num: 2
Candidate Starts for Calamitous_89:
(Start: 2 @65474 has 30 MA's), (3, 65417),

Gene: Coffee_87 Start: 65584, Stop: 65447, Start Num: 2

Candidate Starts for Coffee_87:
(Start: 2 @65584 has 30 MA's), (3, 65527),

Gene: Eaglehorse_89 Start: 65469, Stop: 65332, Start Num: 2
Candidate Starts for Eaglehorse_89:
(Start: 2 @65469 has 30 MA's), (3, 65412),

Gene: Faze9_87 Start: 65606, Stop: 65469, Start Num: 2
Candidate Starts for Faze9_87:
(Start: 2 @65606 has 30 MA's), (3, 65549),

Gene: FrenchFry_89 Start: 65594, Stop: 65457, Start Num: 2
Candidate Starts for FrenchFry_89:
(Start: 2 @65594 has 30 MA's), (3, 65537),

Gene: Glass_90 Start: 65600, Stop: 65463, Start Num: 2
Candidate Starts for Glass_90:
(Start: 2 @65600 has 30 MA's), (3, 65543),

Gene: Hedgerow_88 Start: 65557, Stop: 65420, Start Num: 2
Candidate Starts for Hedgerow_88:
(Start: 2 @65557 has 30 MA's), (3, 65500),

Gene: Holeinone_88 Start: 65446, Stop: 65309, Start Num: 2
Candidate Starts for Holeinone_88:
(Start: 2 @65446 has 30 MA's), (3, 65389),

Gene: ItsyBitsy1_85 Start: 65673, Stop: 65536, Start Num: 2
Candidate Starts for ItsyBitsy1_85:
(Start: 2 @65673 has 30 MA's), (3, 65616),

Gene: Kaleb_88 Start: 65603, Stop: 65466, Start Num: 2
Candidate Starts for Kaleb_88:
(Start: 2 @65603 has 30 MA's), (3, 65546),

Gene: Kheth_88 Start: 65509, Stop: 65372, Start Num: 2
Candidate Starts for Kheth_88:
(Start: 2 @65509 has 30 MA's), (3, 65452),

Gene: Lars_89 Start: 65571, Stop: 65434, Start Num: 2
Candidate Starts for Lars_89:
(Start: 2 @65571 has 30 MA's), (3, 65514),

Gene: Laurie_87 Start: 64918, Stop: 64781, Start Num: 2
Candidate Starts for Laurie_87:
(Start: 2 @64918 has 30 MA's), (3, 64861),

Gene: Lephleur_88 Start: 65428, Stop: 65291, Start Num: 2
Candidate Starts for Lephleur_88:
(Start: 2 @65428 has 30 MA's), (3, 65371),

Gene: LizLemon_88 Start: 65599, Stop: 65462, Start Num: 2
Candidate Starts for LizLemon_88:

(Start: 2 @65599 has 30 MA's), (3, 65542),

Gene: MasterPo_89 Start: 65467, Stop: 65330, Start Num: 2
Candidate Starts for MasterPo_89:
(Start: 2 @65467 has 30 MA's), (3, 65410),

Gene: Opia_89 Start: 65492, Stop: 65355, Start Num: 2
Candidate Starts for Opia_89:
(Start: 2 @65492 has 30 MA's), (3, 65435),

Gene: Phantasmagoria_87 Start: 65475, Stop: 65338, Start Num: 2
Candidate Starts for Phantasmagoria_87:
(1, 65595), (Start: 2 @65475 has 30 MA's), (3, 65418),

Gene: Rhinoforte_88 Start: 65511, Stop: 65374, Start Num: 2
Candidate Starts for Rhinoforte_88:
(Start: 2 @65511 has 30 MA's), (3, 65454),

Gene: Rosebush_86 Start: 65583, Stop: 65446, Start Num: 2
Candidate Starts for Rosebush_86:
(Start: 2 @65583 has 30 MA's), (3, 65526),

Gene: Sabella_88 Start: 65419, Stop: 65282, Start Num: 2
Candidate Starts for Sabella_88:
(Start: 2 @65419 has 30 MA's), (3, 65362),

Gene: TA17A_89 Start: 65426, Stop: 65289, Start Num: 2
Candidate Starts for TA17A_89:
(Start: 2 @65426 has 30 MA's), (3, 65369),

Gene: Tinciduntsolum_89 Start: 65590, Stop: 65453, Start Num: 2
Candidate Starts for Tinciduntsolum_89:
(Start: 2 @65590 has 30 MA's), (3, 65533),

Gene: Tres_88 Start: 65443, Stop: 65306, Start Num: 2
Candidate Starts for Tres_88:
(Start: 2 @65443 has 30 MA's), (3, 65386),

Gene: West99_88 Start: 65613, Stop: 65476, Start Num: 2
Candidate Starts for West99_88:
(Start: 2 @65613 has 30 MA's), (3, 65556),