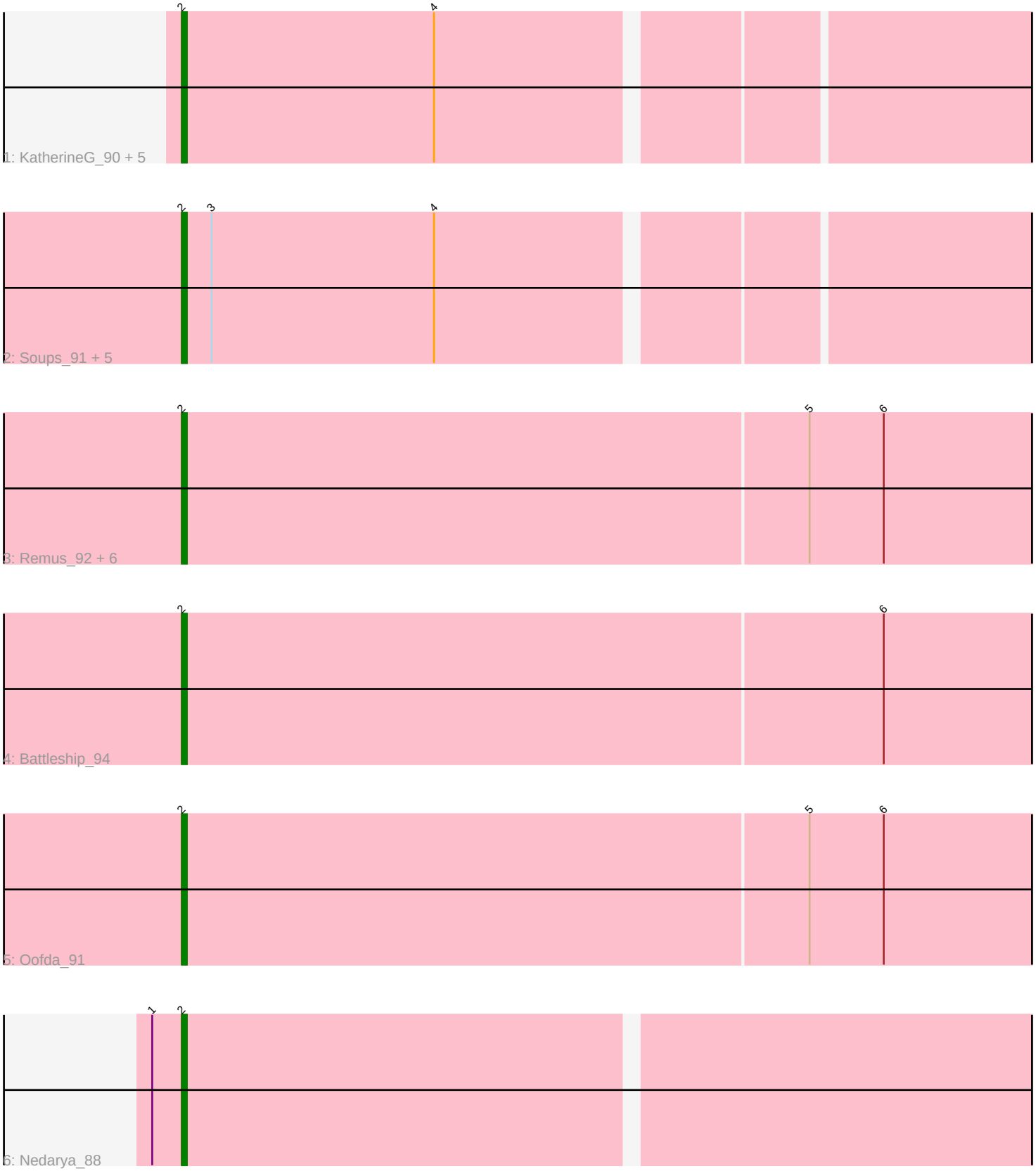
Pham 348017


2
4
1: KatherineG_90 + 5
2
3
4
2: Soups_91 + 5
2
5
6
3: Remus_92 + 6
2
6
4: Battleship_94
2
5
6
5: Oofda_91
1
2
6: Nedarya_88

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 348017 Report

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

Pham number 348017 has 22 members, 0 are drafts.

Phages represented in each track:
• Track 1 : KatherineG_90, LastResort_89, Boohoo_90, Anaysia_91, JSwag_91, Nebulosus_88
• Track 2 : Soups_91, ShayRa_89, Rosalind_90, ReMo_89, Switzerland_89, Epsocamisio_89
• Track 3 : Remus_92, MinecraftSteve_92, Warrior24_92, Looper_88, Ravana_90, DekHockey33_93, Strosahl_92
• Track 4 : Battleship_94
• Track 5 : Oofda_91
• Track 6 : Nedarya_88

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 22 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_91, Battleship_94, Boohoo_90, DekHockey33_93, Epsocamisio_89, JSwag_91, KatherineG_90, LastResort_89, Looper_88, MinecraftSteve_92, Nebulosus_88, Nedarya_88, Oofda_91, Ravana_90, ReMo_89, Remus_92, Rosalind_90, ShayRa_89, Soups_91, Strosahl_92, Switzerland_89, Warrior24_92,

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 22 of 22 (100.0%) of genes in pham
• Manual Annotations of this start: 22 of 22
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Anaysia_91 (A15), Battleship_94 (A15), Boohoo_90 (A15), DekHockey33_93 (A15), Epsocamisio_89 (A15), JSwag_91 (A15), KatherineG_90 (A15), LastResort_89 (A15), Looper_88 (A15), MinecraftSteve_92 (A15), Nebulosus_88 (A15), Nedarya_88 (A15), Oofda_91 (A15), Ravana_90 (A15), ReMo_89 (A15), Remus_92 (A15), Rosalind_90 (A15), ShayRa_89 (A15), Soups_91 (A15), Strosahl_92 (A15), Switzerland_89 (A15), Warrior24_92 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:
•Start number 2 was manually annotated 22 times for cluster A15.

Gene Information:

Gene: Anaysia_91 Start: 48286, Stop: 48104, Start Num: 2
Candidate Starts for Anaysia_91:
(Start: 2 @48286 has 22 MA's), (4, 48235),

Gene: Battleship_94 Start: 48273, Stop: 48085, Start Num: 2
Candidate Starts for Battleship_94:
(Start: 2 @48273 has 22 MA's), (6, 48132),

Gene: Boohoo_90 Start: 47603, Stop: 47421, Start Num: 2
Candidate Starts for Boohoo_90:
(Start: 2 @47603 has 22 MA's), (4, 47552),

Gene: DekHockey33_93 Start: 48358, Stop: 48170, Start Num: 2
Candidate Starts for DekHockey33_93:
(Start: 2 @48358 has 22 MA's), (5, 48232), (6, 48217),

Gene: Epsocamisio_89 Start: 47954, Stop: 47772, Start Num: 2
Candidate Starts for Epsocamisio_89:
(Start: 2 @47954 has 22 MA's), (3, 47948), (4, 47903),

Gene: JSwag_91 Start: 47801, Stop: 47619, Start Num: 2
Candidate Starts for JSwag_91:
(Start: 2 @47801 has 22 MA's), (4, 47750),

Gene: KatherineG_90 Start: 47941, Stop: 47759, Start Num: 2
Candidate Starts for KatherineG_90:
(Start: 2 @47941 has 22 MA's), (4, 47890),

Gene: LastResort_89 Start: 48044, Stop: 47862, Start Num: 2
Candidate Starts for LastResort_89:
(Start: 2 @48044 has 22 MA's), (4, 47993),

Gene: Looper_88 Start: 46894, Stop: 46706, Start Num: 2
Candidate Starts for Looper_88:
(Start: 2 @46894 has 22 MA's), (5, 46768), (6, 46753),

Gene: MinecraftSteve_92 Start: 48069, Stop: 47881, Start Num: 2
Candidate Starts for MinecraftSteve_92:
(Start: 2 @48069 has 22 MA's), (5, 47943), (6, 47928),

Gene: Nebulosus_88 Start: 47601, Stop: 47419, Start Num: 2
Candidate Starts for Nebulosus_88:
(Start: 2 @47601 has 22 MA's), (4, 47550),

Gene: Nedarya_88 Start: 48302, Stop: 48117, Start Num: 2
Candidate Starts for Nedarya_88:
(1, 48308), (Start: 2 @48302 has 22 MA's),

Gene: Oofda_91 Start: 48331, Stop: 48143, Start Num: 2
Candidate Starts for Oofda_91:
(Start: 2 @48331 has 22 MA's), (5, 48205), (6, 48190),

Gene: Ravana_90 Start: 48466, Stop: 48278, Start Num: 2
Candidate Starts for Ravana_90:
(Start: 2 @48466 has 22 MA's), (5, 48340), (6, 48325),

Gene: ReMo_89 Start: 48028, Stop: 47846, Start Num: 2
Candidate Starts for ReMo_89:
(Start: 2 @48028 has 22 MA's), (3, 48022), (4, 47977),

Gene: Remus_92 Start: 48366, Stop: 48178, Start Num: 2
Candidate Starts for Remus_92:
(Start: 2 @48366 has 22 MA's), (5, 48240), (6, 48225),

Gene: Rosalind_90 Start: 47706, Stop: 47524, Start Num: 2
Candidate Starts for Rosalind_90:
(Start: 2 @47706 has 22 MA's), (3, 47700), (4, 47655),

Gene: ShayRa_89 Start: 46660, Stop: 46478, Start Num: 2
Candidate Starts for ShayRa_89:
(Start: 2 @46660 has 22 MA's), (3, 46654), (4, 46609),

Gene: Soups_91 Start: 48183, Stop: 48001, Start Num: 2
Candidate Starts for Soups_91:
(Start: 2 @48183 has 22 MA's), (3, 48177), (4, 48132),

Gene: Strosahl_92 Start: 48366, Stop: 48178, Start Num: 2
Candidate Starts for Strosahl_92:
(Start: 2 @48366 has 22 MA's), (5, 48240), (6, 48225),

Gene: Switzerland_89 Start: 47629, Stop: 47447, Start Num: 2
Candidate Starts for Switzerland_89:
(Start: 2 @47629 has 22 MA's), (3, 47623), (4, 47578),

Gene: Warrior24_92 Start: 48787, Stop: 48599, Start Num: 2
Candidate Starts for Warrior24_92:
(Start: 2 @48787 has 22 MA's), (5, 48661), (6, 48646),