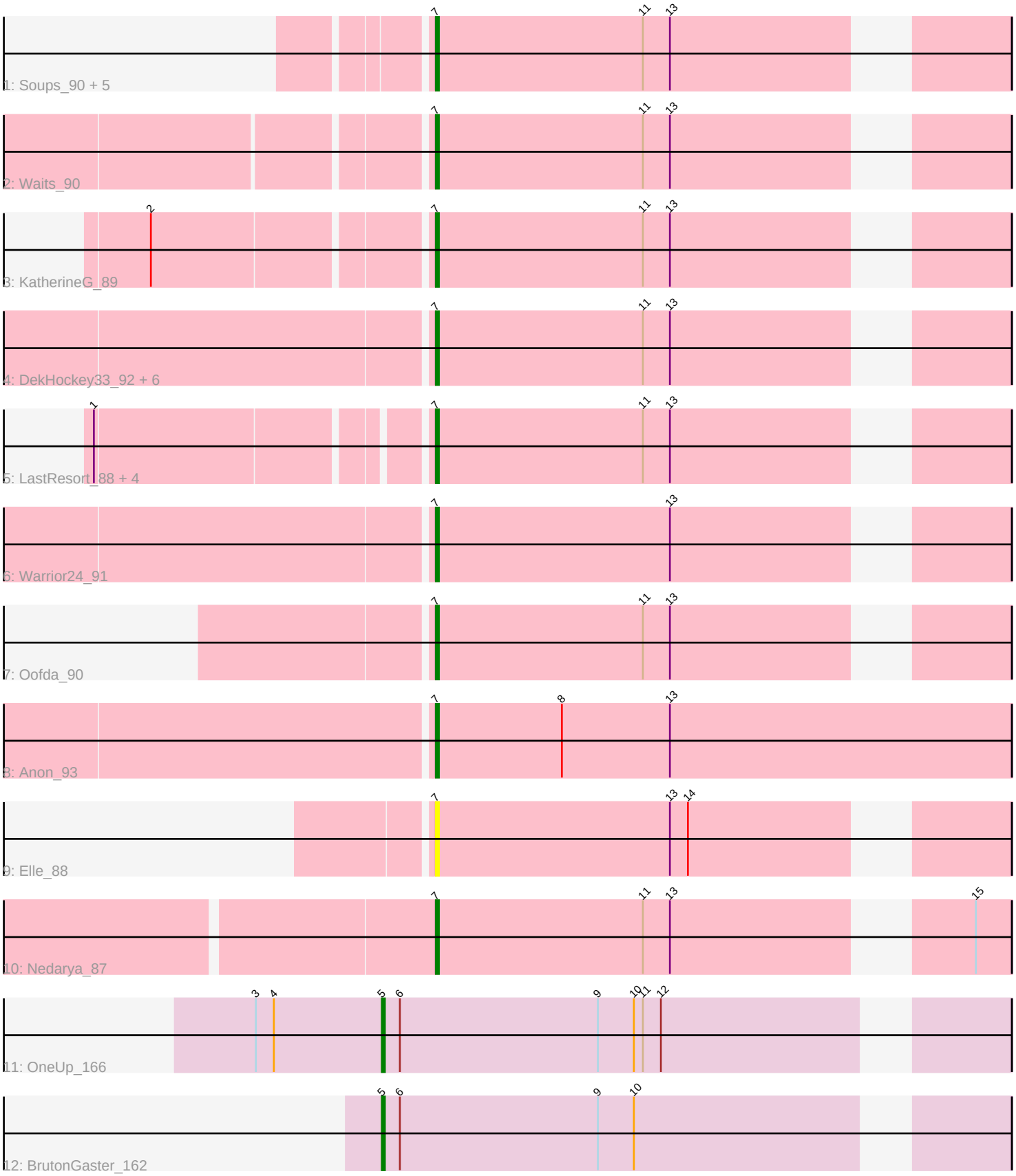
Pham 296849


7
11
13
1: Soups_90 + 5
7
11
13
2: Waits_90
2
7
11
13
3: KatherineG_89
7
11
13
4: DekHockey33_92 + 6
1
7
11
13
5: LastResort_88 + 4
7
13
6: Warrior24_91
7
11
13
7: Oofda_90
7
8
13
8: Anon_93
7
13
14
9: Elle_88
7
11
13
15
10: Nedarya_87
3
4
5
6
9
10
11
12
11: OneUp_166
5
6
9
10
12: BrutonGaster_162

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 296849 Report

This analysis was run 04/25/26 on database version 644.

Pham number 296849 has 27 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Soups_90, ReMo_88, ShayRa_88, Switzerland_88, Epsocamisio_88, Rosalind_89
• Track 2 : Waits_90
• Track 3 : KatherineG_89
• Track 4 : DekHockey33_92, MinecraftSteve_91, Battleship_93, Looper_87, Ravana_90, Strosahl_91, Remus_91
• Track 5 : LastResort_88, Boohoo_89, Anaysia_90, Nebulosus_87, JSwag_90
• Track 6 : Warrior24_91
• Track 7 : Oofda_90
• Track 8 : Anon_93
• Track 9 : Elle_88
• Track 10 : Nedarya_87
• Track 11 : OneUp_166
• Track 12 : BrutonGaster_162

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 7, it was called in 23 of the 25 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_90, Anon_93, Battleship_93, Boohoo_89, DekHockey33_92, Elle_88, Epsocamisio_88, JSwag_90, KatherineG_89, LastResort_88, Looper_87, MinecraftSteve_91, Nebulosus_87, Nedarya_87, Oofda_90, Ravana_90, ReMo_88, Remus_91, Rosalind_89, ShayRa_88, Soups_90, Strosahl_91, Switzerland_88, Waits_90, Warrior24_91,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• BrutonGaster_162, OneUp_166,

Summary by start number:

Start 5:
• Found in 2 of 27 (7.4%) of genes in pham
• Manual Annotations of this start: 2 of 25
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BrutonGaster_162 (CQ2), OneUp_166 (CQ2),

Start 7:
• Found in 25 of 27 (92.6%) of genes in pham
• Manual Annotations of this start: 23 of 25
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anaysia_90 (A15), Anon_93 (A15), Battleship_93 (A15), Boohoo_89 (A15), DekHockey33_92 (A15), Elle_88 (A15), Epsocamisio_88 (A15), JSwag_90 (A15), KatherineG_89 (A15), LastResort_88 (A15), Looper_87 (A15), MinecraftSteve_91 (A15), Nebulosus_87 (A15), Nedarya_87 (A15), Oofda_90 (A15), Ravana_90 (A15), ReMo_88 (A15), Remus_91 (A15), Rosalind_89 (A15), ShayRa_88 (A15), Soups_90 (A15), Strosahl_91 (A15), Switzerland_88 (A15), Waits_90 (A15), Warrior24_91 (A15),

Summary by clusters:

There are 2 clusters represented in this pham: A15, CQ2,

Info for manual annotations of cluster A15:
•Start number 7 was manually annotated 23 times for cluster A15.

Info for manual annotations of cluster CQ2:
•Start number 5 was manually annotated 2 times for cluster CQ2.

Gene Information:

Gene: Anaysia_90 Start: 48060, Stop: 47890, Start Num: 7
Candidate Starts for Anaysia_90:
(1, 48162), (Start: 7 @48060 has 23 MA's), (11, 47991), (13, 47982),

Gene: Anon_93 Start: 48812, Stop: 48621, Start Num: 7
Candidate Starts for Anon_93:
(Start: 7 @48812 has 23 MA's), (8, 48770), (13, 48734),

Gene: Battleship_93 Start: 48073, Stop: 47903, Start Num: 7
Candidate Starts for Battleship_93:
(Start: 7 @48073 has 23 MA's), (11, 48004), (13, 47995),

Gene: Boohoo_89 Start: 47377, Stop: 47207, Start Num: 7
Candidate Starts for Boohoo_89:
(1, 47479), (Start: 7 @47377 has 23 MA's), (11, 47308), (13, 47299),

Gene: BrutonGaster_162 Start: 87427, Stop: 87236, Start Num: 5
Candidate Starts for BrutonGaster_162:
(Start: 5 @87427 has 2 MA's), (6, 87421), (9, 87355), (10, 87343),

Gene: DekHockey33_92 Start: 48158, Stop: 47988, Start Num: 7
Candidate Starts for DekHockey33_92:
(Start: 7 @48158 has 23 MA's), (11, 48089), (13, 48080),

Gene: Elle_88 Start: 47502, Stop: 47332, Start Num: 7
Candidate Starts for Elle_88:
(Start: 7 @47502 has 23 MA's), (13, 47424), (14, 47418),

Gene: Epsocamisio_88 Start: 47726, Stop: 47556, Start Num: 7
Candidate Starts for Epsocamisio_88:
(Start: 7 @47726 has 23 MA's), (11, 47657), (13, 47648),

Gene: JSwag_90 Start: 47575, Stop: 47405, Start Num: 7
Candidate Starts for JSwag_90:
(1, 47677), (Start: 7 @47575 has 23 MA's), (11, 47506), (13, 47497),

Gene: KatherineG_89 Start: 47712, Stop: 47542, Start Num: 7
Candidate Starts for KatherineG_89:
(2, 47799), (Start: 7 @47712 has 23 MA's), (11, 47643), (13, 47634),

Gene: LastResort_88 Start: 47818, Stop: 47648, Start Num: 7
Candidate Starts for LastResort_88:
(1, 47920), (Start: 7 @47818 has 23 MA's), (11, 47749), (13, 47740),

Gene: Looper_87 Start: 46694, Stop: 46524, Start Num: 7
Candidate Starts for Looper_87:
(Start: 7 @46694 has 23 MA's), (11, 46625), (13, 46616),

Gene: MinecraftSteve_91 Start: 47869, Stop: 47699, Start Num: 7
Candidate Starts for MinecraftSteve_91:
(Start: 7 @47869 has 23 MA's), (11, 47800), (13, 47791),

Gene: Nebulosus_87 Start: 47375, Stop: 47205, Start Num: 7
Candidate Starts for Nebulosus_87:
(1, 47477), (Start: 7 @47375 has 23 MA's), (11, 47306), (13, 47297),

Gene: Nedarya_87 Start: 48102, Stop: 47932, Start Num: 7
Candidate Starts for Nedarya_87:
(Start: 7 @48102 has 23 MA's), (11, 48033), (13, 48024), (15, 47943),

Gene: OneUp_166 Start: 90548, Stop: 90357, Start Num: 5
Candidate Starts for OneUp_166:
(3, 90590), (4, 90584), (Start: 5 @90548 has 2 MA's), (6, 90542), (9, 90476), (10, 90464), (11, 90461), (12, 90455),

Gene: Oofda_90 Start: 48131, Stop: 47961, Start Num: 7
Candidate Starts for Oofda_90:
(Start: 7 @48131 has 23 MA's), (11, 48062), (13, 48053),

Gene: Ravana_90 Start: 48266, Stop: 48096, Start Num: 7
Candidate Starts for Ravana_90:
(Start: 7 @48266 has 23 MA's), (11, 48197), (13, 48188),

Gene: ReMo_88 Start: 47800, Stop: 47630, Start Num: 7
Candidate Starts for ReMo_88:
(Start: 7 @47800 has 23 MA's), (11, 47731), (13, 47722),

Gene: Remus_91 Start: 48166, Stop: 47996, Start Num: 7
Candidate Starts for Remus_91:
(Start: 7 @48166 has 23 MA's), (11, 48097), (13, 48088),

Gene: Rosalind_89 Start: 47478, Stop: 47308, Start Num: 7
Candidate Starts for Rosalind_89:
(Start: 7 @47478 has 23 MA's), (11, 47409), (13, 47400),

Gene: ShayRa_88 Start: 46432, Stop: 46262, Start Num: 7
Candidate Starts for ShayRa_88:
(Start: 7 @46432 has 23 MA's), (11, 46363), (13, 46354),

Gene: Soups_90 Start: 47955, Stop: 47785, Start Num: 7
Candidate Starts for Soups_90:
(Start: 7 @47955 has 23 MA's), (11, 47886), (13, 47877),

Gene: Strosahl_91 Start: 48166, Stop: 47996, Start Num: 7
Candidate Starts for Strosahl_91:
(Start: 7 @48166 has 23 MA's), (11, 48097), (13, 48088),

Gene: Switzerland_88 Start: 47401, Stop: 47231, Start Num: 7
Candidate Starts for Switzerland_88:
(Start: 7 @47401 has 23 MA's), (11, 47332), (13, 47323),

Gene: Waits_90 Start: 47788, Stop: 47618, Start Num: 7
Candidate Starts for Waits_90:
(Start: 7 @47788 has 23 MA's), (11, 47719), (13, 47710),

Gene: Warrior24_91 Start: 48587, Stop: 48417, Start Num: 7
Candidate Starts for Warrior24_91:
(Start: 7 @48587 has 23 MA's), (13, 48509),