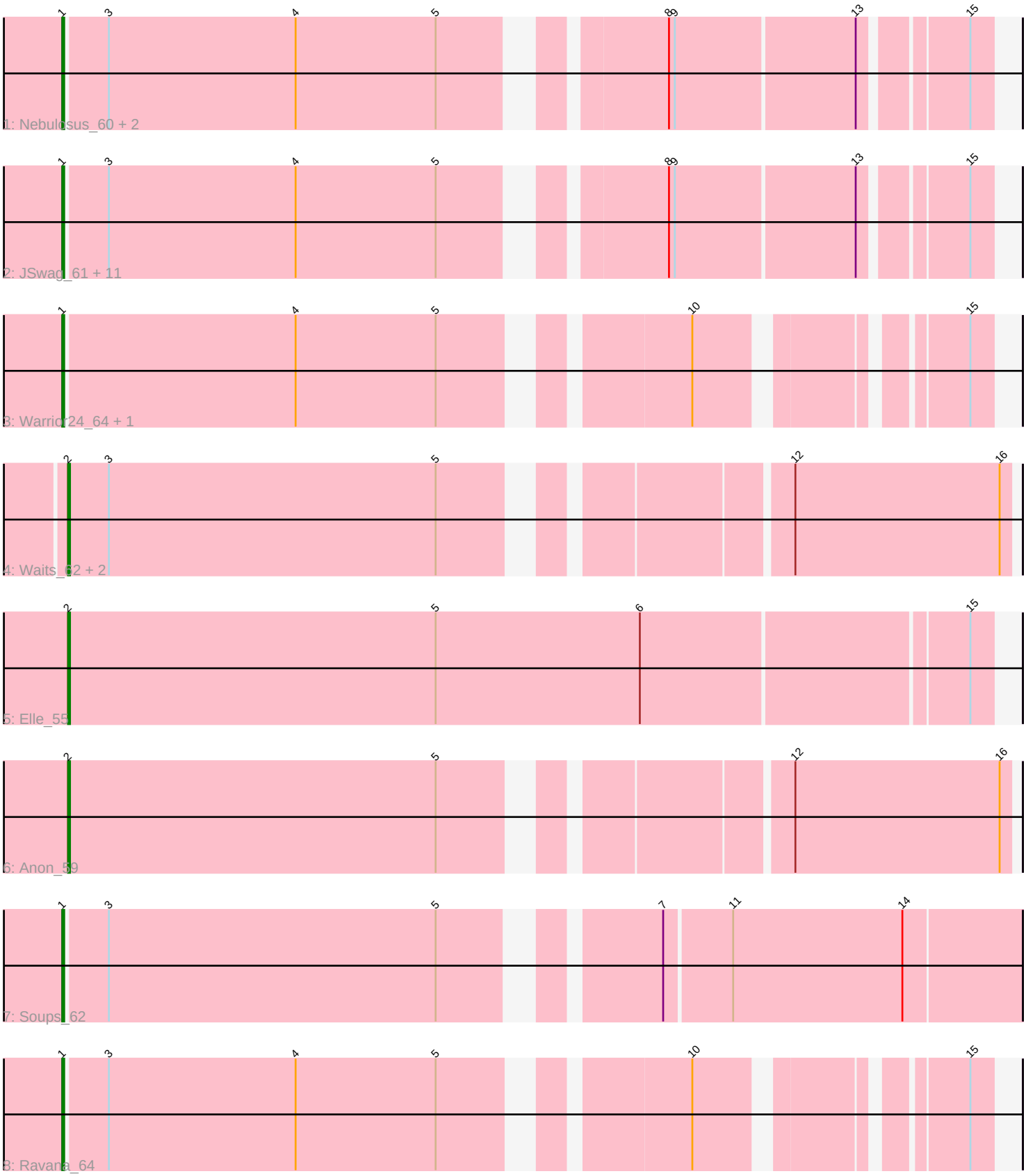
Pham 347976


1
3
4
5
8
9
13
15
1: Nebulosus_60 + 2
1
3
4
5
8
9
13
15
2: JSwag_61 + 11
1
4
5
10
15
3: Warrior24_64 + 1
2
3
5
12
16
4: Waits_62 + 2
2
5
6
15
5: Elle_55
2
5
12
16
6: Anon_59
1
3
5
7
11
14
7: Soups_62
1
3
4
5
10
15
8: Ravana_64

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 347976 Report

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

Pham number 347976 has 24 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Nebulosus_60, Anaysia_62, Boohoo_62
• Track 2 : JSwag_61, LastResort_60, DekHockey33_63, Epsocamisio_59, Strosahl_62, Battleship_64, Looper_61, ReMo_60, Switzerland_61, KatherineG_62, ShayRa_62, Remus_62
• Track 3 : Warrior24_64, Oofda_63
• Track 4 : Waits_62, Rosalind_60, MinecraftSteve_62
• Track 5 : Elle_55
• Track 6 : Anon_59
• Track 7 : Soups_62
• Track 8 : Ravana_64

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 19 of the 24 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anaysia_62, Battleship_64, Boohoo_62, DekHockey33_63, Epsocamisio_59, JSwag_61, KatherineG_62, LastResort_60, Looper_61, Nebulosus_60, Oofda_63, Ravana_64, ReMo_60, Remus_62, ShayRa_62, Soups_62, Strosahl_62, Switzerland_61, Warrior24_64,

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

Genes that do not have the "Most Annotated" start:
• Anon_59, Elle_55, MinecraftSteve_62, Rosalind_60, Waits_62,

Summary by start number:

Start 1:
• Found in 19 of 24 (79.2%) of genes in pham
• Manual Annotations of this start: 19 of 24
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Anaysia_62 (A15), Battleship_64 (A15), Boohoo_62 (A15), DekHockey33_63 (A15), Epsocamisio_59 (A15), JSwag_61 (A15), KatherineG_62 (A15), LastResort_60 (A15), Looper_61 (A15), Nebulosus_60 (A15), Oofda_63 (A15), Ravana_64 (A15), ReMo_60 (A15), Remus_62 (A15), ShayRa_62 (A15), Soups_62 (A15), Strosahl_62 (A15), Switzerland_61 (A15), Warrior24_64 (A15),

Start 2:
• Found in 5 of 24 (20.8%) of genes in pham
• Manual Annotations of this start: 5 of 24
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anon_59 (A15), Elle_55 (A15), MinecraftSteve_62 (A15), Rosalind_60 (A15), Waits_62 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:
•Start number 1 was manually annotated 19 times for cluster A15.
•Start number 2 was manually annotated 5 times for cluster A15.

Gene Information:

Gene: Anaysia_62 Start: 37228, Stop: 36794, Start Num: 1
Candidate Starts for Anaysia_62:
(Start: 1 @37228 has 19 MA's), (3, 37207), (4, 37111), (5, 37039), (8, 36946), (9, 36943), (13, 36853), (15, 36805),

Gene: Anon_59 Start: 36768, Stop: 36319, Start Num: 2
Candidate Starts for Anon_59:
(Start: 2 @36768 has 5 MA's), (5, 36579), (12, 36429), (16, 36324),

Gene: Battleship_64 Start: 37434, Stop: 37000, Start Num: 1
Candidate Starts for Battleship_64:
(Start: 1 @37434 has 19 MA's), (3, 37413), (4, 37317), (5, 37245), (8, 37152), (9, 37149), (13, 37059), (15, 37011),

Gene: Boohoo_62 Start: 37228, Stop: 36794, Start Num: 1
Candidate Starts for Boohoo_62:
(Start: 1 @37228 has 19 MA's), (3, 37207), (4, 37111), (5, 37039), (8, 36946), (9, 36943), (13, 36853), (15, 36805),

Gene: DekHockey33_63 Start: 37520, Stop: 37086, Start Num: 1
Candidate Starts for DekHockey33_63:
(Start: 1 @37520 has 19 MA's), (3, 37499), (4, 37403), (5, 37331), (8, 37238), (9, 37235), (13, 37145), (15, 37097),

Gene: Elle_55 Start: 35262, Stop: 34795, Start Num: 2
Candidate Starts for Elle_55:
(Start: 2 @35262 has 5 MA's), (5, 35073), (6, 34968), (15, 34806),

Gene: Epsocamisio_59 Start: 36763, Stop: 36329, Start Num: 1
Candidate Starts for Epsocamisio_59:
(Start: 1 @36763 has 19 MA's), (3, 36742), (4, 36646), (5, 36574), (8, 36481), (9, 36478), (13, 36388), (15, 36340),

Gene: JSwag_61 Start: 36952, Stop: 36518, Start Num: 1
Candidate Starts for JSwag_61:
(Start: 1 @36952 has 19 MA's), (3, 36931), (4, 36835), (5, 36763), (8, 36670), (9, 36667), (13, 36577), (15, 36529),

Gene: KatherineG_62 Start: 37425, Stop: 36991, Start Num: 1
Candidate Starts for KatherineG_62:
(Start: 1 @37425 has 19 MA's), (3, 37404), (4, 37308), (5, 37236), (8, 37143), (9, 37140), (13, 37050), (15, 37002),

Gene: LastResort_60 Start: 37004, Stop: 36570, Start Num: 1
Candidate Starts for LastResort_60:
(Start: 1 @37004 has 19 MA's), (3, 36983), (4, 36887), (5, 36815), (8, 36722), (9, 36719), (13, 36629), (15, 36581),

Gene: Looper_61 Start: 36916, Stop: 36482, Start Num: 1
Candidate Starts for Looper_61:
(Start: 1 @36916 has 19 MA's), (3, 36895), (4, 36799), (5, 36727), (8, 36634), (9, 36631), (13, 36541), (15, 36493),

Gene: MinecraftSteve_62 Start: 37240, Stop: 36791, Start Num: 2
Candidate Starts for MinecraftSteve_62:
(Start: 2 @37240 has 5 MA's), (3, 37219), (5, 37051), (12, 36901), (16, 36796),

Gene: Nebulosus_60 Start: 37000, Stop: 36566, Start Num: 1
Candidate Starts for Nebulosus_60:
(Start: 1 @37000 has 19 MA's), (3, 36979), (4, 36883), (5, 36811), (8, 36718), (9, 36715), (13, 36625), (15, 36577),

Gene: Oofda_63 Start: 37203, Stop: 36784, Start Num: 1
Candidate Starts for Oofda_63:
(Start: 1 @37203 has 19 MA's), (4, 37086), (5, 37014), (10, 36909), (15, 36795),

Gene: Ravana_64 Start: 38328, Stop: 37909, Start Num: 1
Candidate Starts for Ravana_64:
(Start: 1 @38328 has 19 MA's), (3, 38307), (4, 38211), (5, 38139), (10, 38034), (15, 37920),

Gene: ReMo_60 Start: 37001, Stop: 36567, Start Num: 1
Candidate Starts for ReMo_60:
(Start: 1 @37001 has 19 MA's), (3, 36980), (4, 36884), (5, 36812), (8, 36719), (9, 36716), (13, 36626), (15, 36578),

Gene: Remus_62 Start: 37007, Stop: 36573, Start Num: 1
Candidate Starts for Remus_62:
(Start: 1 @37007 has 19 MA's), (3, 36986), (4, 36890), (5, 36818), (8, 36725), (9, 36722), (13, 36632), (15, 36584),

Gene: Rosalind_60 Start: 37159, Stop: 36710, Start Num: 2
Candidate Starts for Rosalind_60:
(Start: 2 @37159 has 5 MA's), (3, 37138), (5, 36970), (12, 36820), (16, 36715),

Gene: ShayRa_62 Start: 37188, Stop: 36754, Start Num: 1
Candidate Starts for ShayRa_62:
(Start: 1 @37188 has 19 MA's), (3, 37167), (4, 37071), (5, 36999), (8, 36906), (9, 36903), (13, 36813), (15, 36765),

Gene: Soups_62 Start: 37451, Stop: 36993, Start Num: 1
Candidate Starts for Soups_62:
(Start: 1 @37451 has 19 MA's), (3, 37430), (5, 37262), (7, 37172), (11, 37139), (14, 37052),

Gene: Strosahl_62 Start: 37007, Stop: 36573, Start Num: 1
Candidate Starts for Strosahl_62:
(Start: 1 @37007 has 19 MA's), (3, 36986), (4, 36890), (5, 36818), (8, 36725), (9, 36722), (13, 36632), (15, 36584),

Gene: Switzerland_61 Start: 37327, Stop: 36893, Start Num: 1
Candidate Starts for Switzerland_61:
(Start: 1 @37327 has 19 MA's), (3, 37306), (4, 37210), (5, 37138), (8, 37045), (9, 37042), (13, 36952), (15, 36904),

Gene: Waits_62 Start: 37224, Stop: 36775, Start Num: 2
Candidate Starts for Waits_62:
(Start: 2 @37224 has 5 MA's), (3, 37203), (5, 37035), (12, 36885), (16, 36780),

Gene: Warrior24_64 Start: 37658, Stop: 37239, Start Num: 1
Candidate Starts for Warrior24_64:
(Start: 1 @37658 has 19 MA's), (4, 37541), (5, 37469), (10, 37364), (15, 37250),