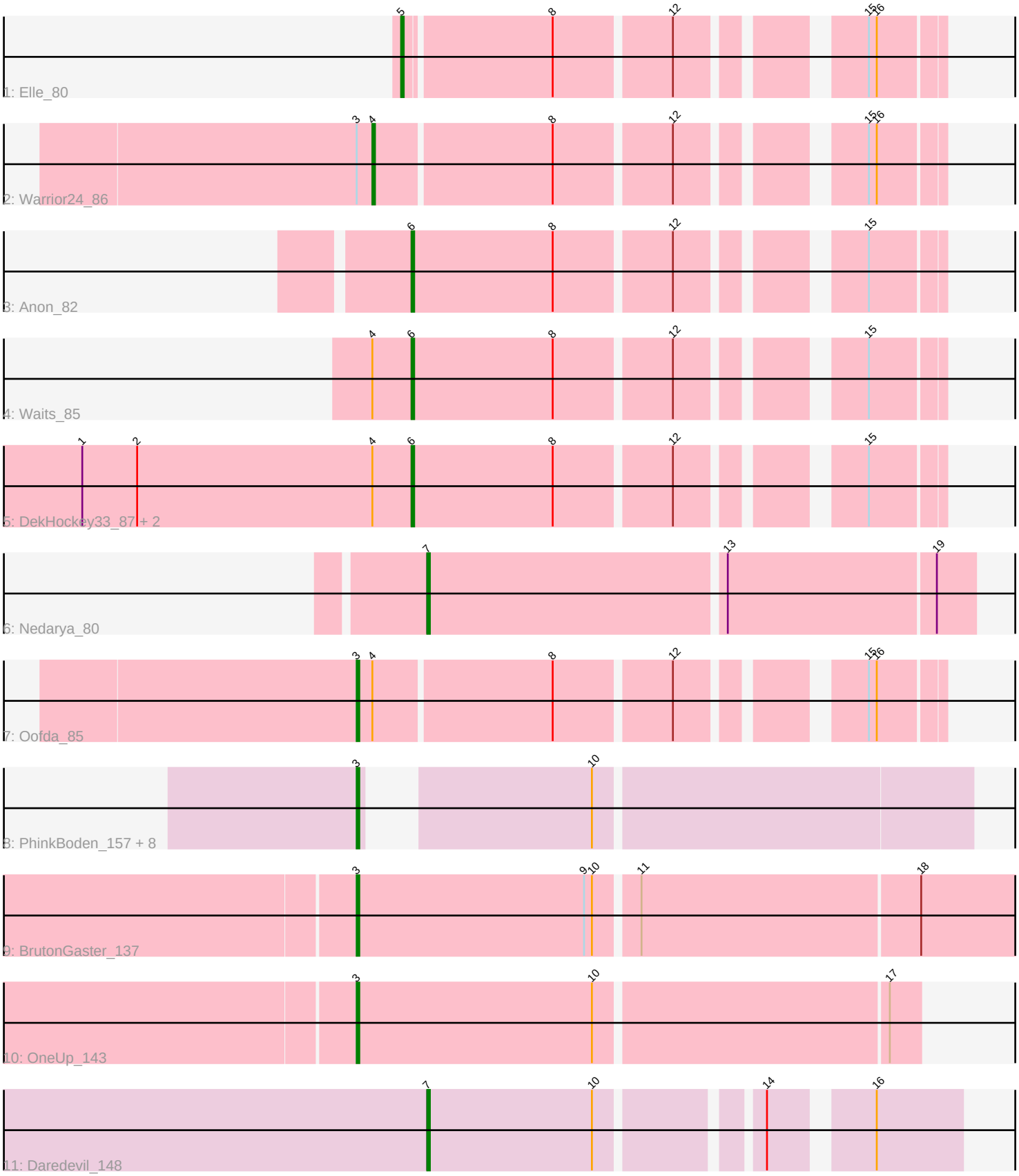
Pham 348042


5
8
12
15
16
1: Elle_80
3
4
8
12
15
16
2: Warrior24_86
6
8
12
15
3: Anon_82
4
6
8
12
15
4: Waits_85
1
2
4
6
8
12
15
5: DekHockey33_87 + 2
7
13
19
6: Nedarya_80
3
4
8
12
15
16
7: Oofda_85
3
10
8: PhinkBoden_157 + 8
3
9
10
11
18
9: BrutonGaster_137
3
10
17
10: OneUp_143
7
10
14
16
11: Daredevil_148

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 348042 Report

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

Pham number 348042 has 21 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Elle_80
• Track 2 : Warrior24_86
• Track 3 : Anon_82
• Track 4 : Waits_85
• Track 5 : DekHockey33_87, Battleship_88, MinecraftSteve_86
• Track 6 : Nedarya_80
• Track 7 : Oofda_85
• Track 8 : PhinkBoden_157, Smoothie_160, Lozinak_159, Bachita_162, ClubL_160, Norvs_157, Toniann_159, Abscondus_157, Cucurbita_158
• Track 9 : BrutonGaster_137
• Track 10 : OneUp_143
• Track 11 : Daredevil_148

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

The start number called the most often in the published annotations is 3, it was called in 12 of the 21 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Abscondus_157, Bachita_162, BrutonGaster_137, ClubL_160, Cucurbita_158, Lozinak_159, Norvs_157, OneUp_143, Oofda_85, PhinkBoden_157, Smoothie_160, Toniann_159,

Genes that have the "Most Annotated" start but do not call it:
• Warrior24_86,

Genes that do not have the "Most Annotated" start:
• Anon_82, Battleship_88, Daredevil_148, DekHockey33_87, Elle_80, MinecraftSteve_86, Nedarya_80, Waits_85,

Summary by start number:

Start 3:
• Found in 13 of 21 (61.9%) of genes in pham

• Manual Annotations of this start: 12 of 21
• Called 92.3% of time when present
• Phage (with cluster) where this start called: Abscondus_157 (CQ1), Bachita_162 (CQ1), BrutonGaster_137 (CQ2), ClubL_160 (CQ1), Cucurbita_158 (CQ1), Lozinak_159 (CQ1), Norvs_157 (CQ1), OneUp_143 (CQ2), Oofda_85 (A15), PhinkBoden_157 (CQ1), Smoothie_160 (CQ1), Toniann_159 (CQ1),

Start 4:
• Found in 6 of 21 (28.6%) of genes in pham
• Manual Annotations of this start: 1 of 21
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Warrior24_86 (A15),

Start 5:
• Found in 1 of 21 (4.8%) of genes in pham
• Manual Annotations of this start: 1 of 21
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Elle_80 (A15),

Start 6:
• Found in 5 of 21 (23.8%) of genes in pham
• Manual Annotations of this start: 5 of 21
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anon_82 (A15), Battleship_88 (A15), DekHockey33_87 (A15), MinecraftSteve_86 (A15), Waits_85 (A15),

Start 7:
• Found in 2 of 21 (9.5%) of genes in pham
• Manual Annotations of this start: 2 of 21
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Daredevil_148 (DL), Nedarya_80 (A15),

Summary by clusters:

There are 4 clusters represented in this pham: A15, CQ2, CQ1, DL,

Info for manual annotations of cluster A15:
•Start number 3 was manually annotated 1 time for cluster A15.
•Start number 4 was manually annotated 1 time for cluster A15.
•Start number 5 was manually annotated 1 time for cluster A15.
•Start number 6 was manually annotated 5 times for cluster A15.
•Start number 7 was manually annotated 1 time for cluster A15.

Info for manual annotations of cluster CQ1:
•Start number 3 was manually annotated 9 times for cluster CQ1.

Info for manual annotations of cluster CQ2:
•Start number 3 was manually annotated 2 times for cluster CQ2.

Info for manual annotations of cluster DL:
•Start number 7 was manually annotated 1 time for cluster DL.

Gene Information:

Gene: Abscondus_157 Start: 83676, Stop: 83467, Start Num: 3
Candidate Starts for Abscondus_157:
(Start: 3 @83676 has 12 MA's), (10, 83607),

Gene: Anon_82 Start: 46056, Stop: 45877, Start Num: 6
Candidate Starts for Anon_82:
(Start: 6 @46056 has 5 MA's), (8, 46002), (12, 45960), (15, 45903),

Gene: Bachita_162 Start: 84716, Stop: 84507, Start Num: 3
Candidate Starts for Bachita_162:
(Start: 3 @84716 has 12 MA's), (10, 84647),

Gene: Battleship_88 Start: 46580, Stop: 46401, Start Num: 6
Candidate Starts for Battleship_88:
(1, 46706), (2, 46685), (Start: 4 @46595 has 1 MA's), (Start: 6 @46580 has 5 MA's), (8, 46526), (12, 46484), (15, 46427),

Gene: BrutonGaster_137 Start: 79264, Stop: 79013, Start Num: 3
Candidate Starts for BrutonGaster_137:
(Start: 3 @79264 has 12 MA's), (9, 79177), (10, 79174), (11, 79159), (18, 79054),

Gene: ClubL_160 Start: 83968, Stop: 83759, Start Num: 3
Candidate Starts for ClubL_160:
(Start: 3 @83968 has 12 MA's), (10, 83899),

Gene: Cucurbita_158 Start: 85029, Stop: 84820, Start Num: 3
Candidate Starts for Cucurbita_158:
(Start: 3 @85029 has 12 MA's), (10, 84960),

Gene: Daredevil_148 Start: 82356, Stop: 82174, Start Num: 7
Candidate Starts for Daredevil_148:
(Start: 7 @82356 has 2 MA's), (10, 82293), (14, 82239), (16, 82206),

Gene: DekHockey33_87 Start: 46665, Stop: 46486, Start Num: 6
Candidate Starts for DekHockey33_87:
(1, 46791), (2, 46770), (Start: 4 @46680 has 1 MA's), (Start: 6 @46665 has 5 MA's), (8, 46611), (12, 46569), (15, 46512),

Gene: Elle_80 Start: 45410, Stop: 45231, Start Num: 5
Candidate Starts for Elle_80:
(Start: 5 @45410 has 1 MA's), (8, 45356), (12, 45314), (15, 45257), (16, 45254),

Gene: Lozinak_159 Start: 84557, Stop: 84348, Start Num: 3
Candidate Starts for Lozinak_159:
(Start: 3 @84557 has 12 MA's), (10, 84488),

Gene: MinecraftSteve_86 Start: 46376, Stop: 46197, Start Num: 6
Candidate Starts for MinecraftSteve_86:
(1, 46502), (2, 46481), (Start: 4 @46391 has 1 MA's), (Start: 6 @46376 has 5 MA's), (8, 46322), (12, 46280), (15, 46223),

Gene: Nedarya_80 Start: 46057, Stop: 45854, Start Num: 7
Candidate Starts for Nedarya_80:
(Start: 7 @46057 has 2 MA's), (13, 45946), (19, 45868),

Gene: Norvs_157 Start: 83748, Stop: 83539, Start Num: 3
Candidate Starts for Norvs_157:
(Start: 3 @83748 has 12 MA's), (10, 83679),

Gene: OneUp_143 Start: 83218, Stop: 83009, Start Num: 3
Candidate Starts for OneUp_143:
(Start: 3 @83218 has 12 MA's), (10, 83128), (17, 83020),

Gene: Oofda_85 Start: 46370, Stop: 46173, Start Num: 3
Candidate Starts for Oofda_85:
(Start: 3 @46370 has 12 MA's), (Start: 4 @46364 has 1 MA's), (8, 46298), (12, 46256), (15, 46199), (16, 46196),

Gene: PhinkBoden_157 Start: 84146, Stop: 83937, Start Num: 3
Candidate Starts for PhinkBoden_157:
(Start: 3 @84146 has 12 MA's), (10, 84077),

Gene: Smoothie_160 Start: 84247, Stop: 84038, Start Num: 3
Candidate Starts for Smoothie_160:
(Start: 3 @84247 has 12 MA's), (10, 84178),

Gene: Toniann_159 Start: 83889, Stop: 83680, Start Num: 3
Candidate Starts for Toniann_159:
(Start: 3 @83889 has 12 MA's), (10, 83820),

Gene: Waits_85 Start: 46310, Stop: 46131, Start Num: 6
Candidate Starts for Waits_85:
(Start: 4 @46325 has 1 MA's), (Start: 6 @46310 has 5 MA's), (8, 46256), (12, 46214), (15, 46157),

Gene: Warrior24_86 Start: 46820, Stop: 46629, Start Num: 4
Candidate Starts for Warrior24_86:
(Start: 3 @46826 has 12 MA's), (Start: 4 @46820 has 1 MA's), (8, 46754), (12, 46712), (15, 46655), (16, 46652),