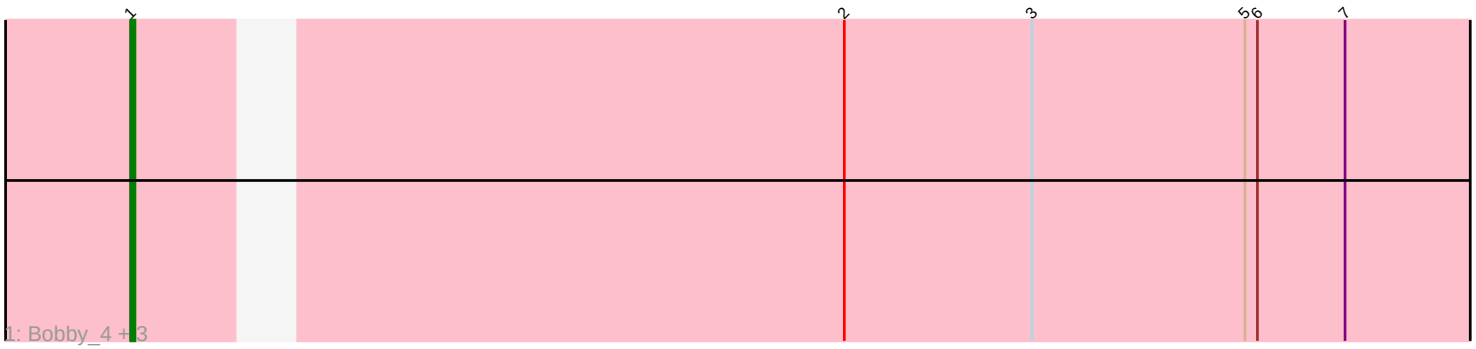
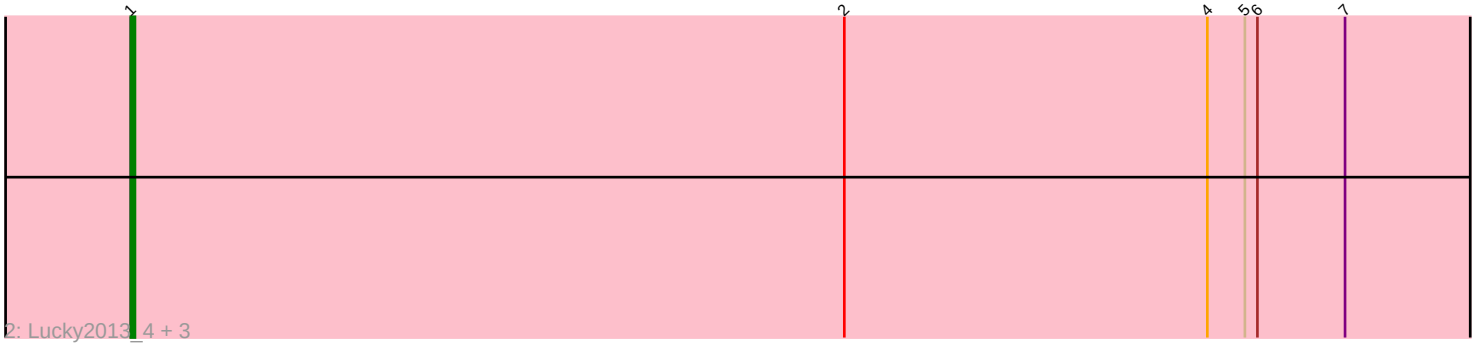
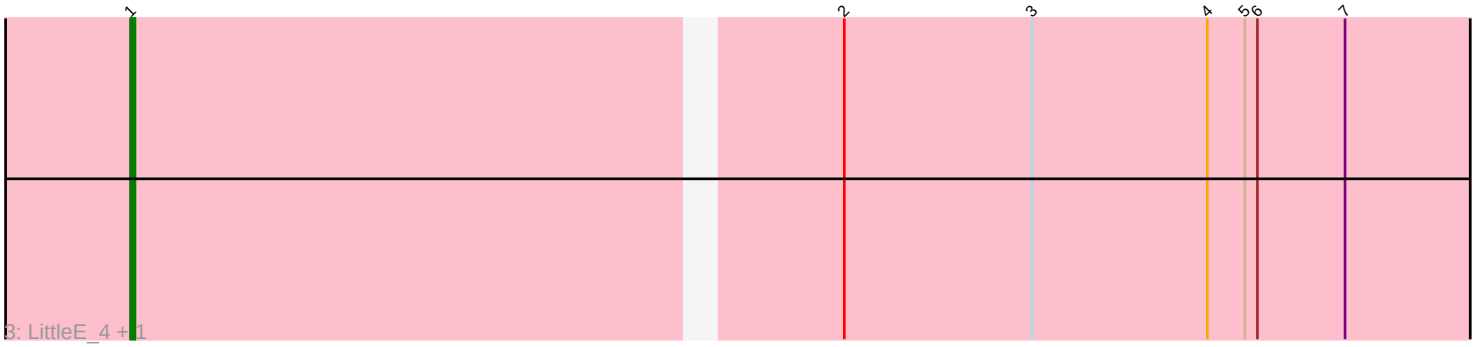
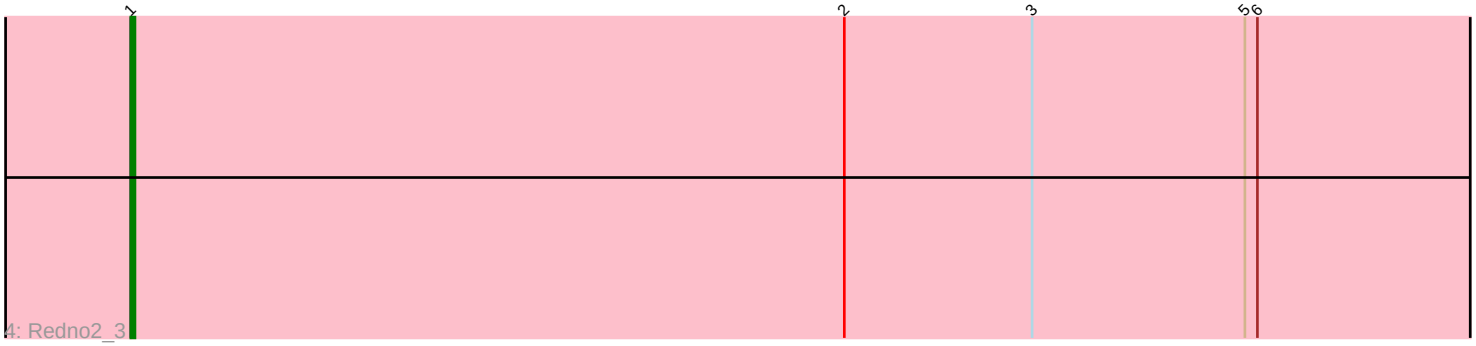
Pham 5292


1
2
3
5
6
7
1: Bobby_4 + 3


1
2
4
5
6
7
2: Lucky2013_4 + 3


1
2
3
4
5
6
7
3: LittleE_4 + 1


1
2
3
5
6
4: Redno2_3

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 5292 Report

This analysis was run 03/30/24 on database version 556.

Pham number 5292 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Bobby_4, Halley_3, Beem_3, Ejimix_4
• Track 2 : Lucky2013_4, MiaZeal_4, Porcelain_4, Squint_4
• Track 3 : LittleE_4, Omega_6
• Track 4 : Redno2_3

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beem_3, Bobby_4, Ejimix_4, Halley_3, LittleE_4, Lucky2013_4, MiaZeal_4, Omega_6, Porcelain_4, Redno2_3, Squint_4,

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 1:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beem_3 (J), Bobby_4 (J), Ejimix_4 (J), Halley_3 (J), LittleE_4 (J), Lucky2013_4 (J), MiaZeal_4 (J), Omega_6 (J), Porcelain_4 (J), Redno2_3 (J), Squint_4 (J),

Summary by clusters:

There is one cluster represented in this pham: J

Info for manual annotations of cluster J:
•Start number 1 was manually annotated 11 times for cluster J.

Gene Information:

Gene: Beem_3 Start: 1225, Stop: 1602, Start Num: 1
Candidate Starts for Beem_3:
(Start: 1 @1225 has 11 MA's), (2, 1396), (3, 1441), (5, 1492), (6, 1495), (7, 1516),

Gene: Bobby_4 Start: 1975, Stop: 2337, Start Num: 1
Candidate Starts for Bobby_4:
(Start: 1 @1975 has 11 MA's), (2, 2131), (3, 2176), (5, 2227), (6, 2230), (7, 2251),

Gene: Ejimix_4 Start: 1975, Stop: 2352, Start Num: 1
Candidate Starts for Ejimix_4:
(Start: 1 @1975 has 11 MA's), (2, 2146), (3, 2191), (5, 2242), (6, 2245), (7, 2266),

Gene: Halley_3 Start: 1225, Stop: 1602, Start Num: 1
Candidate Starts for Halley_3:
(Start: 1 @1225 has 11 MA's), (2, 1396), (3, 1441), (5, 1492), (6, 1495), (7, 1516),

Gene: LittleE_4 Start: 1631, Stop: 1996, Start Num: 1
Candidate Starts for LittleE_4:
(Start: 1 @1631 has 11 MA's), (2, 1793), (3, 1838), (4, 1880), (5, 1889), (6, 1892), (7, 1913),

Gene: Lucky2013_4 Start: 1687, Stop: 2061, Start Num: 1
Candidate Starts for Lucky2013_4:
(Start: 1 @1687 has 11 MA's), (2, 1858), (4, 1945), (5, 1954), (6, 1957), (7, 1978),

Gene: MiaZeal_4 Start: 1756, Stop: 2130, Start Num: 1
Candidate Starts for MiaZeal_4:
(Start: 1 @1756 has 11 MA's), (2, 1927), (4, 2014), (5, 2023), (6, 2026), (7, 2047),

Gene: Omega_6 Start: 2967, Stop: 3341, Start Num: 1
Candidate Starts for Omega_6:
(Start: 1 @2967 has 11 MA's), (2, 3138), (3, 3183), (4, 3225), (5, 3234), (6, 3237), (7, 3258),

Gene: Porcelain_4 Start: 1756, Stop: 2130, Start Num: 1
Candidate Starts for Porcelain_4:
(Start: 1 @1756 has 11 MA's), (2, 1927), (4, 2014), (5, 2023), (6, 2026), (7, 2047),

Gene: Redno2_3 Start: 1225, Stop: 1602, Start Num: 1
Candidate Starts for Redno2_3:
(Start: 1 @1225 has 11 MA's), (2, 1396), (3, 1441), (5, 1492), (6, 1495),

Gene: Squint_4 Start: 1687, Stop: 2061, Start Num: 1
Candidate Starts for Squint_4:
(Start: 1 @1687 has 11 MA's), (2, 1858), (4, 1945), (5, 1954), (6, 1957), (7, 1978),