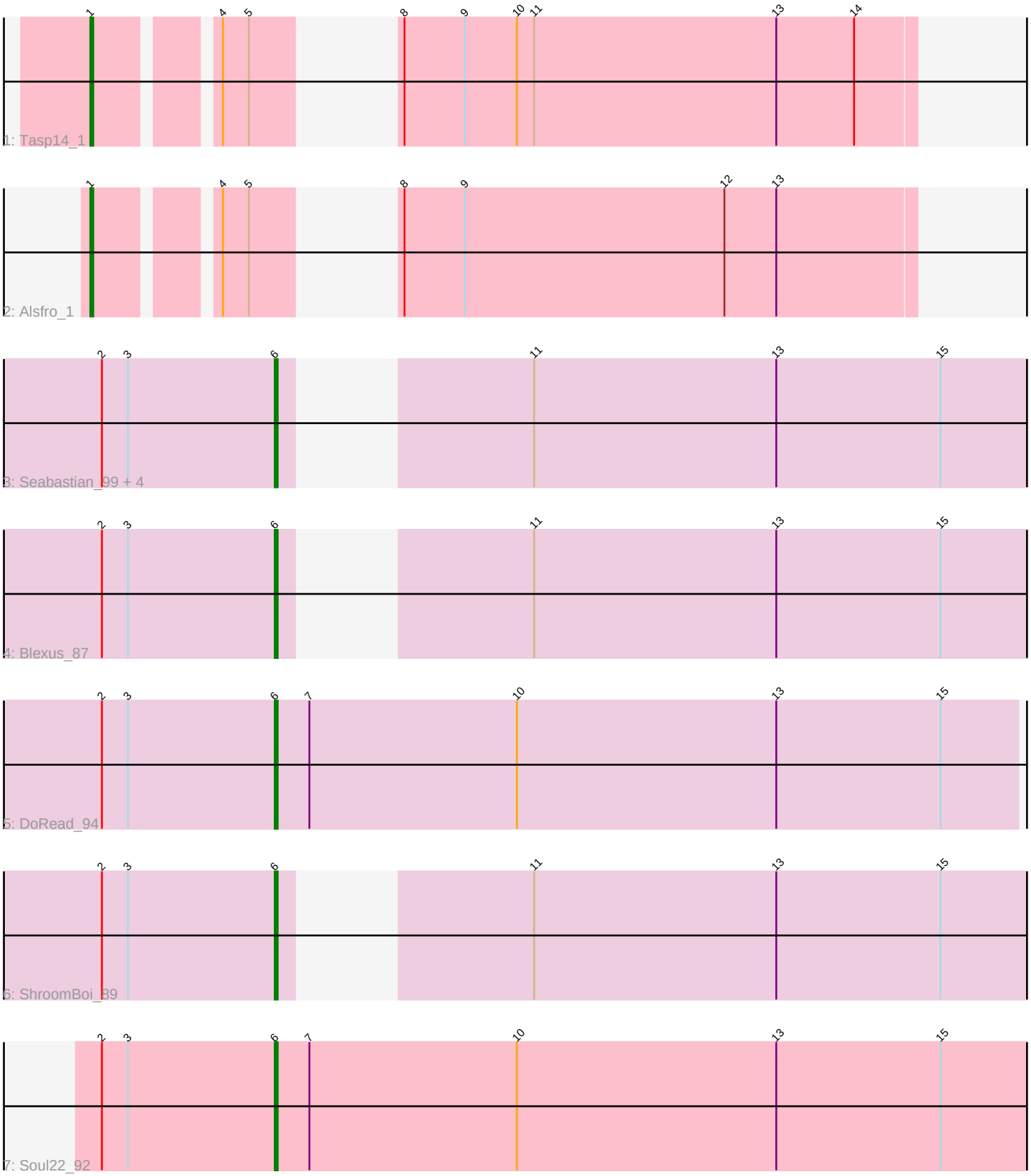
Pham 348229


1
4
5
8
9
10
11
13
14
1: Tasp14_1
1
4
5
8
9
12
13
2: Alsfro_1
2
3
6
11
13
15
3: Seabastian_99 + 4
2
3
6
11
13
15
4: Blexus_87
2
3
6
7
10
13
15
5: DoRead_94
2
3
6
11
13
15
6: ShroomBoi_89
2
3
6
7
10
13
15
7: Soul22_92

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 348229 Report

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

Pham number 348229 has 11 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Tasp14_1
• Track 2 : Alsfro_1
• Track 3 : Seabastian_99, AlpineSix_90, Jinglebell_98, Modragons_96, OfUltron_99
• Track 4 : Blexus_87
• Track 5 : DoRead_94
• Track 6 : ShroomBoi_89
• Track 7 : Soul22_92

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

The start number called the most often in the published annotations is 6, it was called in 9 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlpineSix_90, Blexus_87, DoRead_94, Jinglebell_98, Modragons_96, OfUltron_99, Seabastian_99, ShroomBoi_89, Soul22_92,

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

Genes that do not have the "Most Annotated" start:
• Alsfro_1, Tasp14_1,

Summary by start number:

Start 1:
• Found in 2 of 11 (18.2%) of genes in pham
• Manual Annotations of this start: 2 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alsfro_1 (A1), Tasp14_1 (A1),

Start 6:
• Found in 9 of 11 (81.8%) of genes in pham
• Manual Annotations of this start: 9 of 11

• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlpineSix_90 (F1), Blexus_87 (F1), DoRead_94 (F1), Jinglebell_98 (F1), Modragons_96 (F1), OfUltron_99 (F1), Seabastian_99 (F1), ShroomBoi_89 (F1), Soul22_92 (F2),

Summary by clusters:

There are 3 clusters represented in this pham: A1, F1, F2,

Info for manual annotations of cluster A1:
•Start number 1 was manually annotated 2 times for cluster A1.

Info for manual annotations of cluster F1:
•Start number 6 was manually annotated 8 times for cluster F1.

Info for manual annotations of cluster F2:
•Start number 6 was manually annotated 1 time for cluster F2.

Gene Information:

Gene: AlpineSix_90 Start: 50889, Stop: 51125, Start Num: 6
Candidate Starts for AlpineSix_90:
(2, 50829), (3, 50838), (Start: 6 @50889 has 9 MA's), (11, 50943), (13, 51027), (15, 51084),

Gene: Alsfro_1 Start: 542, Stop: 781, Start Num: 1
Candidate Starts for Alsfro_1:
(Start: 1 @542 has 2 MA's), (4, 578), (5, 587), (8, 605), (9, 626), (12, 716), (13, 734),

Gene: Blexus_87 Start: 51299, Stop: 51529, Start Num: 6
Candidate Starts for Blexus_87:
(2, 51239), (3, 51248), (Start: 6 @51299 has 9 MA's), (11, 51353), (13, 51437), (15, 51494),

Gene: DoRead_94 Start: 49997, Stop: 50254, Start Num: 6
Candidate Starts for DoRead_94:
(2, 49937), (3, 49946), (Start: 6 @49997 has 9 MA's), (7, 50009), (10, 50081), (13, 50171), (15, 50228),

Gene: Jinglebell_98 Start: 52786, Stop: 53022, Start Num: 6
Candidate Starts for Jinglebell_98:
(2, 52726), (3, 52735), (Start: 6 @52786 has 9 MA's), (11, 52840), (13, 52924), (15, 52981),

Gene: Modragons_96 Start: 52630, Stop: 52866, Start Num: 6
Candidate Starts for Modragons_96:
(2, 52570), (3, 52579), (Start: 6 @52630 has 9 MA's), (11, 52684), (13, 52768), (15, 52825),

Gene: OfUltron_99 Start: 52786, Stop: 53022, Start Num: 6
Candidate Starts for OfUltron_99:
(2, 52726), (3, 52735), (Start: 6 @52786 has 9 MA's), (11, 52840), (13, 52924), (15, 52981),

Gene: Seabastian_99 Start: 52787, Stop: 53023, Start Num: 6
Candidate Starts for Seabastian_99:
(2, 52727), (3, 52736), (Start: 6 @52787 has 9 MA's), (11, 52841), (13, 52925), (15, 52982),

Gene: ShroomBoi_89 Start: 51000, Stop: 51233, Start Num: 6
Candidate Starts for ShroomBoi_89:
(2, 50940), (3, 50949), (Start: 6 @51000 has 9 MA's), (11, 51054), (13, 51138), (15, 51195),

Gene: Soul22_92 Start: 49297, Stop: 49563, Start Num: 6
Candidate Starts for Soul22_92:
(2, 49237), (3, 49246), (Start: 6 @49297 has 9 MA's), (7, 49309), (10, 49381), (13, 49471), (15, 49528),

Gene: Tasp14_1 Start: 534, Stop: 773, Start Num: 1
Candidate Starts for Tasp14_1:
(Start: 1 @534 has 2 MA's), (4, 570), (5, 579), (8, 597), (9, 618), (10, 636), (11, 642), (13, 726), (14, 753),