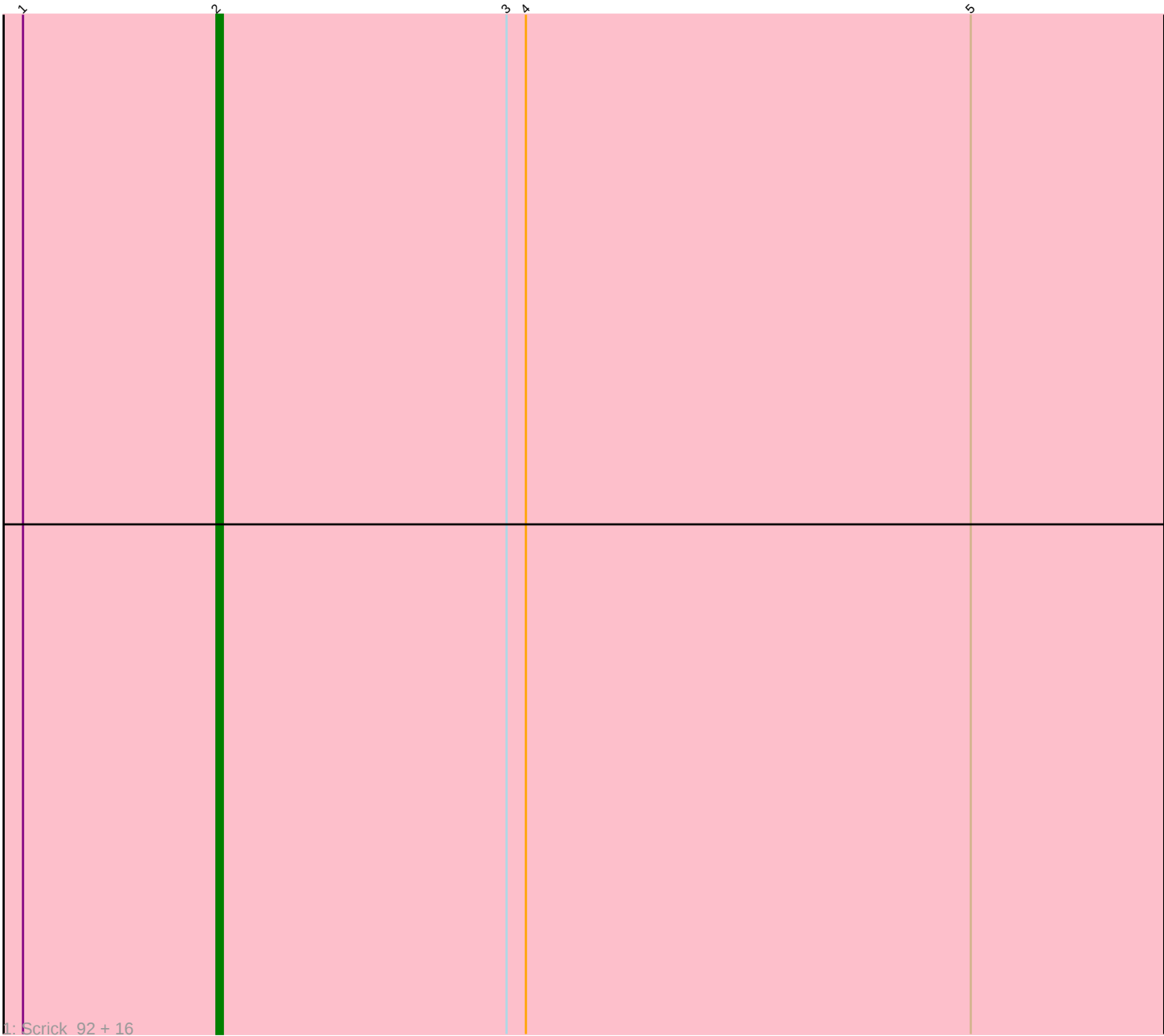




Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 314004 Report

This analysis was run 09/05/26 on database version 662.

Pham number 314004 has 17 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Scrick_92, Cornbread_91, FleetyMac_92, BoogieWoogie_94, Pacifista_93, Mcshane_93, Charles1_94, FremontTroll_91, Selr12_95, Megamind20_93, Olak_93, Burr_93, Orwigg_92, True_92, DirtJuice_92, Andre_95, Slatt_93

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

The start number called the most often in the published annotations is 2, it was called in 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Andre_95, BoogieWoogie_94, Burr_93, Charles1_94, Cornbread_91, DirtJuice_92, FleetyMac_92, FremontTroll_91, Mcshane_93, Megamind20_93, Olak_93, Orwigg_92, Pacifista_93, Scrick_92, Selr12_95, Slatt_93, True_92,

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 2:

- Found in 17 of 17 (100.0%) of genes in pham
- Manual Annotations of this start: 15 of 15
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Andre_95 (B1), BoogieWoogie_94 (B1), Burr_93 (B1), Charles1_94 (B1), Cornbread_91 (B1), DirtJuice_92 (B1), FleetyMac_92 (B1), FremontTroll_91 (B1), Mcshane_93 (B1), Megamind20_93 (B1), Olak_93 (B1), Orwigg_92 (B1), Pacifista_93 (B1), Scrick_92 (B1), Selr12_95 (B1), Slatt_93 (B1), True_92 (B1),

Summary by clusters:

There is one cluster represented in this pham: B1

Info for manual annotations of cluster B1:

•Start number 2 was manually annotated 15 times for cluster B1.

Gene Information:

Gene: Andre_95 Start: 65308, Stop: 65102, Start Num: 2

Candidate Starts for Andre_95:

(1, 65338), (Start: 2 @65308 has 15 MA's), (3, 65263), (4, 65260), (5, 65191),

Gene: BoogieWoogie_94 Start: 64871, Stop: 64665, Start Num: 2

Candidate Starts for BoogieWoogie_94:

(1, 64901), (Start: 2 @64871 has 15 MA's), (3, 64826), (4, 64823), (5, 64754),

Gene: Burr_93 Start: 64911, Stop: 64705, Start Num: 2

Candidate Starts for Burr_93:

(1, 64941), (Start: 2 @64911 has 15 MA's), (3, 64866), (4, 64863), (5, 64794),

Gene: Charles1_94 Start: 65219, Stop: 65013, Start Num: 2

Candidate Starts for Charles1_94:

(1, 65249), (Start: 2 @65219 has 15 MA's), (3, 65174), (4, 65171), (5, 65102),

Gene: Cornbread_91 Start: 65093, Stop: 64887, Start Num: 2

Candidate Starts for Cornbread_91:

(1, 65123), (Start: 2 @65093 has 15 MA's), (3, 65048), (4, 65045), (5, 64976),

Gene: DirtJuice_92 Start: 65357, Stop: 65151, Start Num: 2

Candidate Starts for DirtJuice_92:

(1, 65387), (Start: 2 @65357 has 15 MA's), (3, 65312), (4, 65309), (5, 65240),

Gene: FleetyMac_92 Start: 65090, Stop: 64884, Start Num: 2

Candidate Starts for FleetyMac_92:

(1, 65120), (Start: 2 @65090 has 15 MA's), (3, 65045), (4, 65042), (5, 64973),

Gene: FremontTroll_91 Start: 65516, Stop: 65310, Start Num: 2

Candidate Starts for FremontTroll_91:

(1, 65546), (Start: 2 @65516 has 15 MA's), (3, 65471), (4, 65468), (5, 65399),

Gene: Mcshane_93 Start: 64897, Stop: 64691, Start Num: 2

Candidate Starts for Mcshane_93:

(1, 64927), (Start: 2 @64897 has 15 MA's), (3, 64852), (4, 64849), (5, 64780),

Gene: Megamind20_93 Start: 64861, Stop: 64655, Start Num: 2

Candidate Starts for Megamind20_93:

(1, 64891), (Start: 2 @64861 has 15 MA's), (3, 64816), (4, 64813), (5, 64744),

Gene: Olak_93 Start: 65067, Stop: 64861, Start Num: 2

Candidate Starts for Olak_93:

(1, 65097), (Start: 2 @65067 has 15 MA's), (3, 65022), (4, 65019), (5, 64950),

Gene: Orwigg_92 Start: 64823, Stop: 64617, Start Num: 2

Candidate Starts for Orwigg_92:

(1, 64853), (Start: 2 @64823 has 15 MA's), (3, 64778), (4, 64775), (5, 64706),

Gene: Pacifista_93 Start: 64908, Stop: 64702, Start Num: 2

Candidate Starts for Pacifista_93:

(1, 64938), (Start: 2 @64908 has 15 MA's), (3, 64863), (4, 64860), (5, 64791),

Gene: Scrick_92 Start: 64892, Stop: 64686, Start Num: 2

Candidate Starts for Scrick_92:

(1, 64922), (Start: 2 @64892 has 15 MA's), (3, 64847), (4, 64844), (5, 64775),

Gene: Selr12_95 Start: 64933, Stop: 64727, Start Num: 2

Candidate Starts for Selr12_95:

(1, 64963), (Start: 2 @64933 has 15 MA's), (3, 64888), (4, 64885), (5, 64816),

Gene: Slatt_93 Start: 65173, Stop: 64967, Start Num: 2

Candidate Starts for Slatt_93:

(1, 65203), (Start: 2 @65173 has 15 MA's), (3, 65128), (4, 65125), (5, 65056),

Gene: True_92 Start: 64891, Stop: 64685, Start Num: 2

Candidate Starts for True_92:

(1, 64921), (Start: 2 @64891 has 15 MA's), (3, 64846), (4, 64843), (5, 64774),