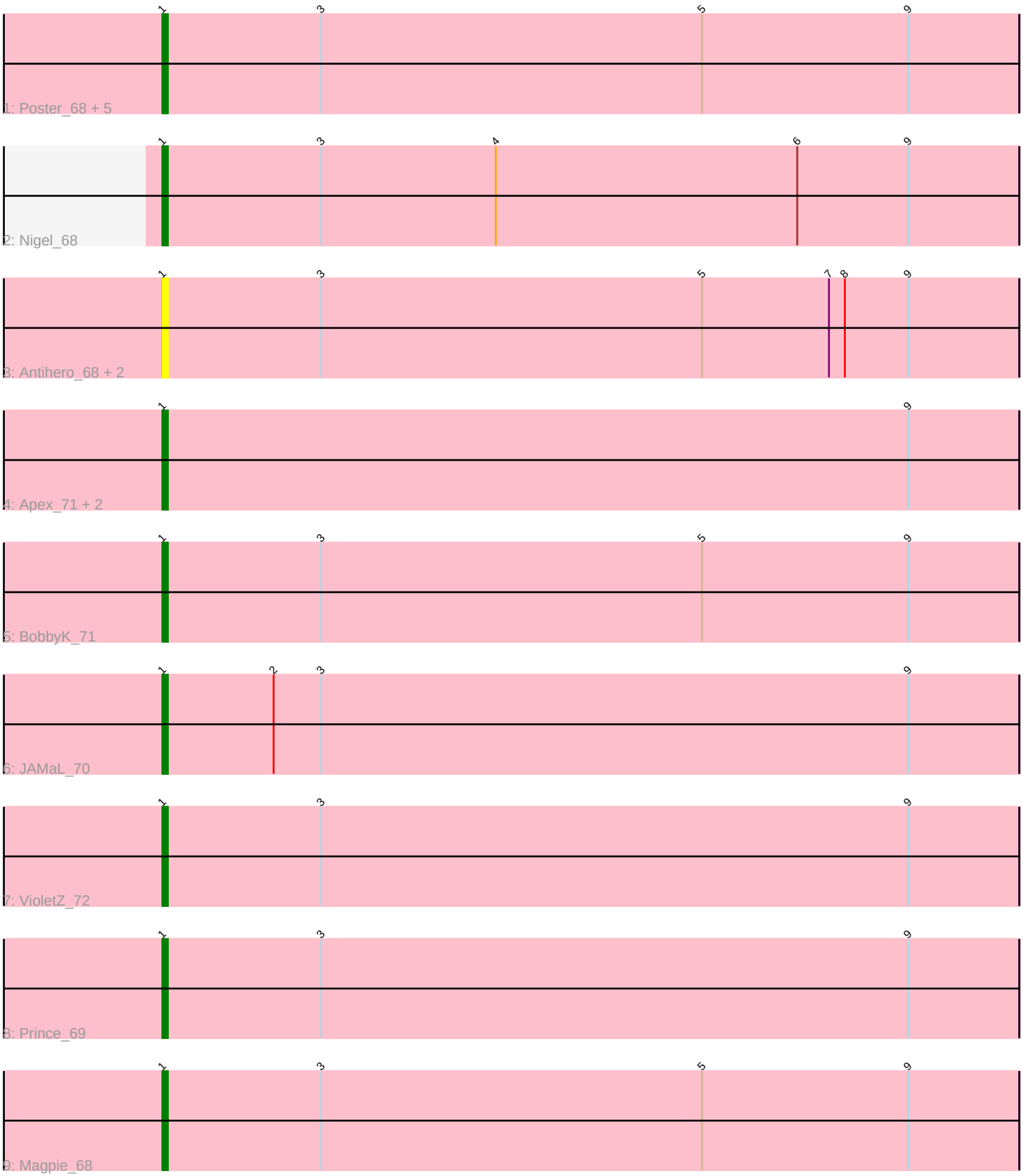
Pham 192940


1
3
5
9
1: Poster_68 + 5
1
3
4
6
9
2: Nigel_68
1
3
5
7
8
9
3: Antihero_68 + 2
1
9
4: Apex_71 + 2
1
3
5
9
5: BobbyK_71
1
2
3
9
6: JAMaL_70
1
3
9
7: VioletZ_72
1
3
9
8: Prince_69
1
3
5
9
9: Magpie_68

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 192940 Report

This analysis was run 11/02/24 on database version 579.

Pham number 192940 has 18 members, 8 are drafts.

Phages represented in each track:
• Track 1 : Poster_68, Hally898_68, Lambano_68, ChrisnMich_70, Ahwei_68, Nanao_69
• Track 2 : Nigel_68
• Track 3 : Antihero_68, Epah_68, GinPorsche_68
• Track 4 : Apex_71, Mudslide_70, Austelle_70
• Track 5 : BobbyK_71
• Track 6 : JAMaL_70
• Track 7 : VioletZ_72
• Track 8 : Prince_69
• Track 9 : Magpie_68

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ahwei_68, Antihero_68, Apex_71, Austelle_70, BobbyK_71, ChrisnMich_70, Epah_68, GinPorsche_68, Hally898_68, JAMaL_70, Lambano_68, Magpie_68, Mudslide_70, Nanao_69, Nigel_68, Poster_68, Prince_69, VioletZ_72,

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 18 of 18 (100.0%) of genes in pham
• Manual Annotations of this start: 10 of 10
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Ahwei_68 (B4), Antihero_68 (B4), Apex_71 (B4), Austelle_70 (B4), BobbyK_71 (B4), ChrisnMich_70 (B4), Epah_68 (B4), GinPorsche_68 (B4), Hally898_68 (B4), JAMaL_70 (B4), Lambano_68 (B4), Magpie_68 (B4), Mudslide_70 (B4), Nanao_69 (B4), Nigel_68 (B4), Poster_68 (B4), Prince_69 (B4), VioletZ_72 (B4),

Summary by clusters:

There is one cluster represented in this pham: B4

Info for manual annotations of cluster B4:
•Start number 1 was manually annotated 10 times for cluster B4.

Gene Information:

Gene: Ahwei_68 Start: 59878, Stop: 60039, Start Num: 1
Candidate Starts for Ahwei_68:
(Start: 1 @59878 has 10 MA's), (3, 59908), (5, 59980), (9, 60019),

Gene: Antihero_68 Start: 59876, Stop: 60037, Start Num: 1
Candidate Starts for Antihero_68:
(Start: 1 @59876 has 10 MA's), (3, 59906), (5, 59978), (7, 60002), (8, 60005), (9, 60017),

Gene: Apex_71 Start: 60981, Stop: 61142, Start Num: 1
Candidate Starts for Apex_71:
(Start: 1 @60981 has 10 MA's), (9, 61122),

Gene: Austelle_70 Start: 61498, Stop: 61659, Start Num: 1
Candidate Starts for Austelle_70:
(Start: 1 @61498 has 10 MA's), (9, 61639),

Gene: BobbyK_71 Start: 60758, Stop: 60919, Start Num: 1
Candidate Starts for BobbyK_71:
(Start: 1 @60758 has 10 MA's), (3, 60788), (5, 60860), (9, 60899),

Gene: ChrisnMich_70 Start: 59860, Stop: 60021, Start Num: 1
Candidate Starts for ChrisnMich_70:
(Start: 1 @59860 has 10 MA's), (3, 59890), (5, 59962), (9, 60001),

Gene: Epah_68 Start: 59876, Stop: 60037, Start Num: 1
Candidate Starts for Epah_68:
(Start: 1 @59876 has 10 MA's), (3, 59906), (5, 59978), (7, 60002), (8, 60005), (9, 60017),

Gene: GinPorsche_68 Start: 59876, Stop: 60037, Start Num: 1
Candidate Starts for GinPorsche_68:
(Start: 1 @59876 has 10 MA's), (3, 59906), (5, 59978), (7, 60002), (8, 60005), (9, 60017),

Gene: Hally898_68 Start: 59891, Stop: 60052, Start Num: 1
Candidate Starts for Hally898_68:
(Start: 1 @59891 has 10 MA's), (3, 59921), (5, 59993), (9, 60032),

Gene: JAMaL_70 Start: 60885, Stop: 61046, Start Num: 1
Candidate Starts for JAMaL_70:
(Start: 1 @60885 has 10 MA's), (2, 60906), (3, 60915), (9, 61026),

Gene: Lambano_68 Start: 59891, Stop: 60052, Start Num: 1
Candidate Starts for Lambano_68:
(Start: 1 @59891 has 10 MA's), (3, 59921), (5, 59993), (9, 60032),

Gene: Magpie_68 Start: 60750, Stop: 60911, Start Num: 1
Candidate Starts for Magpie_68:
(Start: 1 @60750 has 10 MA's), (3, 60780), (5, 60852), (9, 60891),

Gene: Mudslide_70 Start: 61083, Stop: 61244, Start Num: 1
Candidate Starts for Mudslide_70:
(Start: 1 @61083 has 10 MA's), (9, 61224),

Gene: Nanao_69 Start: 59881, Stop: 60042, Start Num: 1
Candidate Starts for Nanao_69:
(Start: 1 @59881 has 10 MA's), (3, 59911), (5, 59983), (9, 60022),

Gene: Nigel_68 Start: 59701, Stop: 59862, Start Num: 1
Candidate Starts for Nigel_68:
(Start: 1 @59701 has 10 MA's), (3, 59731), (4, 59764), (6, 59821), (9, 59842),

Gene: Poster_68 Start: 59882, Stop: 60043, Start Num: 1
Candidate Starts for Poster_68:
(Start: 1 @59882 has 10 MA's), (3, 59912), (5, 59984), (9, 60023),

Gene: Prince_69 Start: 60984, Stop: 61145, Start Num: 1
Candidate Starts for Prince_69:
(Start: 1 @60984 has 10 MA's), (3, 61014), (9, 61125),

Gene: VioletZ_72 Start: 60978, Stop: 61139, Start Num: 1
Candidate Starts for VioletZ_72:
(Start: 1 @60978 has 10 MA's), (3, 61008), (9, 61119),