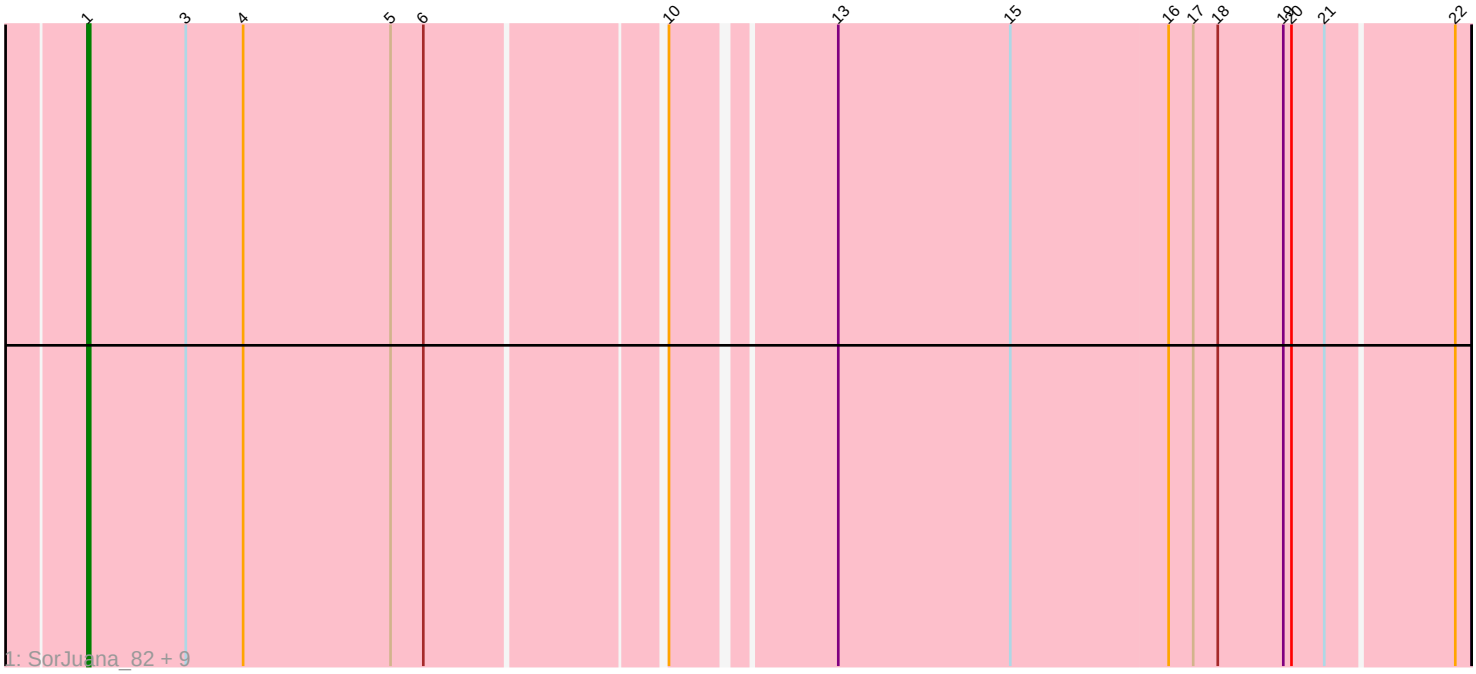
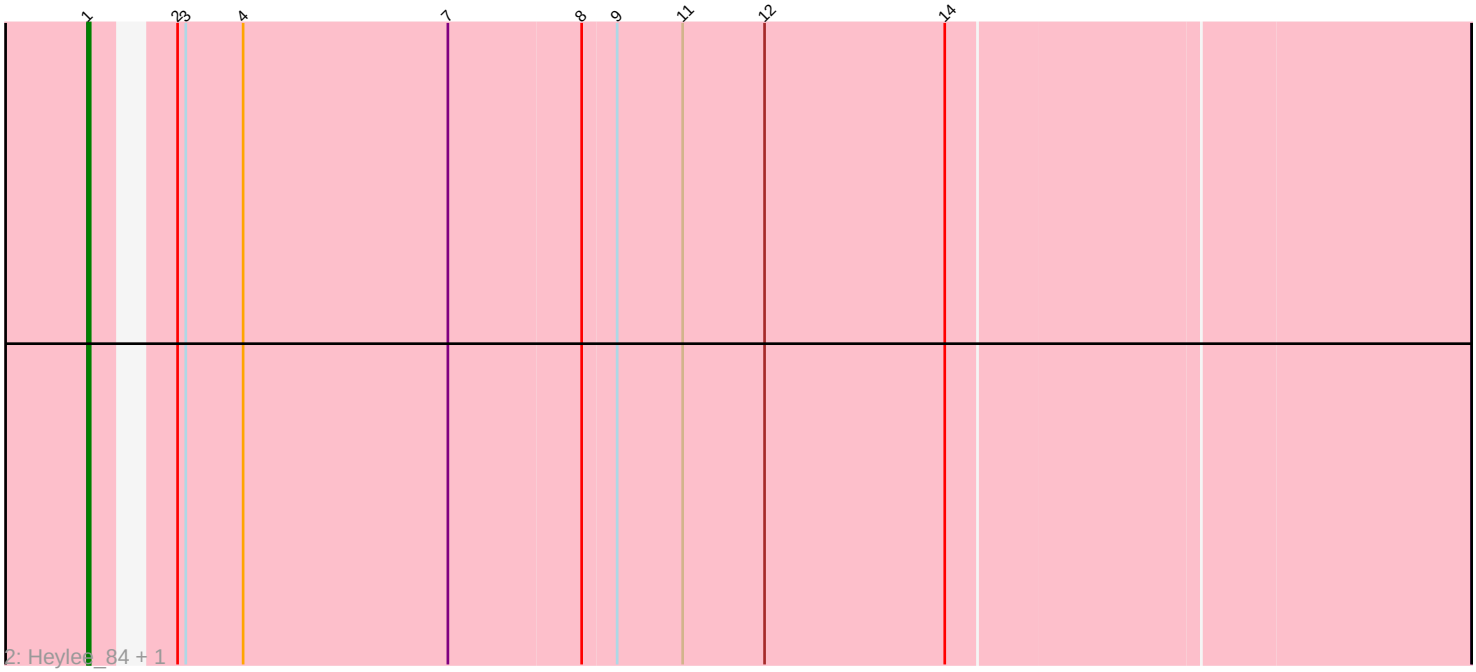
Pham 309674


1
3
4
5
6
10
13
15
16
17
18
19
20
21
22
1: SorJuana_82 + 9


1
2
3
4
7
8
9
11
12
14
2: Heyles_84 + 1

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 309674 Report

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

Pham number 309674 has 12 members, 0 are drafts.

Phages represented in each track:
• Track 1 : SorJuana_82, Boersma_84, Yeezus_82, Jaek_82, Thunderclap_81, Amigo_82, Rings_82, Anansi_82, Gorgeous_82, Ichor_82
• Track 2 : Heylee_84, Amavida_83

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 12 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amavida_83, Amigo_82, Anansi_82, Boersma_84, Gorgeous_82, Heylee_84, Ichor_82, Jaek_82, Rings_82, SorJuana_82, Thunderclap_81, Yeezus_82,

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 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amavida_83 (AQ), Amigo_82 (AQ), Anansi_82 (AQ), Boersma_84 (AQ), Gorgeous_82 (AQ), Heylee_84 (AQ), Ichor_82 (AQ), Jaek_82 (AQ), Rings_82 (AQ), SorJuana_82 (AQ), Thunderclap_81 (AQ), Yeezus_82 (AQ),

Summary by clusters:

There is one cluster represented in this pham: AQ

Info for manual annotations of cluster AQ:
•Start number 1 was manually annotated 12 times for cluster AQ.

Gene Information:

Gene: Amavida_83 Start: 51827, Stop: 51342, Start Num: 1
Candidate Starts for Amavida_83:
(Start: 1 @51827 has 12 MA's), (2, 51806), (3, 51803), (4, 51782), (7, 51707), (8, 51659), (9, 51647), (11, 51623), (12, 51593), (14, 51527),

Gene: Amigo_82 Start: 52075, Stop: 51590, Start Num: 1
Candidate Starts for Amigo_82:
(Start: 1 @52075 has 12 MA's), (3, 52039), (4, 52018), (5, 51964), (6, 51952), (10, 51871), (13, 51817), (15, 51754), (16, 51697), (17, 51688), (18, 51679), (19, 51655), (20, 51652), (21, 51640), (22, 51595),

Gene: Anansi_82 Start: 51849, Stop: 51364, Start Num: 1
Candidate Starts for Anansi_82:
(Start: 1 @51849 has 12 MA's), (3, 51813), (4, 51792), (5, 51738), (6, 51726), (10, 51645), (13, 51591), (15, 51528), (16, 51471), (17, 51462), (18, 51453), (19, 51429), (20, 51426), (21, 51414), (22, 51369),

Gene: Boersma_84 Start: 52075, Stop: 51590, Start Num: 1
Candidate Starts for Boersma_84:
(Start: 1 @52075 has 12 MA's), (3, 52039), (4, 52018), (5, 51964), (6, 51952), (10, 51871), (13, 51817), (15, 51754), (16, 51697), (17, 51688), (18, 51679), (19, 51655), (20, 51652), (21, 51640), (22, 51595),

Gene: Gorgeous_82 Start: 51849, Stop: 51364, Start Num: 1
Candidate Starts for Gorgeous_82:
(Start: 1 @51849 has 12 MA's), (3, 51813), (4, 51792), (5, 51738), (6, 51726), (10, 51645), (13, 51591), (15, 51528), (16, 51471), (17, 51462), (18, 51453), (19, 51429), (20, 51426), (21, 51414), (22, 51369),

Gene: Heylee_84 Start: 51827, Stop: 51342, Start Num: 1
Candidate Starts for Heylee_84:
(Start: 1 @51827 has 12 MA's), (2, 51806), (3, 51803), (4, 51782), (7, 51707), (8, 51659), (9, 51647), (11, 51623), (12, 51593), (14, 51527),

Gene: Ichor_82 Start: 52075, Stop: 51590, Start Num: 1
Candidate Starts for Ichor_82:
(Start: 1 @52075 has 12 MA's), (3, 52039), (4, 52018), (5, 51964), (6, 51952), (10, 51871), (13, 51817), (15, 51754), (16, 51697), (17, 51688), (18, 51679), (19, 51655), (20, 51652), (21, 51640), (22, 51595),

Gene: Jaek_82 Start: 52075, Stop: 51590, Start Num: 1
Candidate Starts for Jaek_82:
(Start: 1 @52075 has 12 MA's), (3, 52039), (4, 52018), (5, 51964), (6, 51952), (10, 51871), (13, 51817), (15, 51754), (16, 51697), (17, 51688), (18, 51679), (19, 51655), (20, 51652), (21, 51640), (22, 51595),

Gene: Rings_82 Start: 52087, Stop: 51602, Start Num: 1
Candidate Starts for Rings_82:
(Start: 1 @52087 has 12 MA's), (3, 52051), (4, 52030), (5, 51976), (6, 51964), (10, 51883), (13, 51829), (15, 51766), (16, 51709), (17, 51700), (18, 51691), (19, 51667), (20, 51664), (21, 51652), (22, 51607),

Gene: SorJuana_82 Start: 51849, Stop: 51364, Start Num: 1

Candidate Starts for SorJuana_82:
(Start: 1 @51849 has 12 MA's), (3, 51813), (4, 51792), (5, 51738), (6, 51726), (10, 51645), (13, 51591), (15, 51528), (16, 51471), (17, 51462), (18, 51453), (19, 51429), (20, 51426), (21, 51414), (22, 51369),

Gene: Thunderclap_81 Start: 52062, Stop: 51577, Start Num: 1
Candidate Starts for Thunderclap_81:
(Start: 1 @52062 has 12 MA's), (3, 52026), (4, 52005), (5, 51951), (6, 51939), (10, 51858), (13, 51804), (15, 51741), (16, 51684), (17, 51675), (18, 51666), (19, 51642), (20, 51639), (21, 51627), (22, 51582),

Gene: Yeezus_82 Start: 52074, Stop: 51589, Start Num: 1
Candidate Starts for Yeezus_82:
(Start: 1 @52074 has 12 MA's), (3, 52038), (4, 52017), (5, 51963), (6, 51951), (10, 51870), (13, 51816), (15, 51753), (16, 51696), (17, 51687), (18, 51678), (19, 51654), (20, 51651), (21, 51639), (22, 51594),