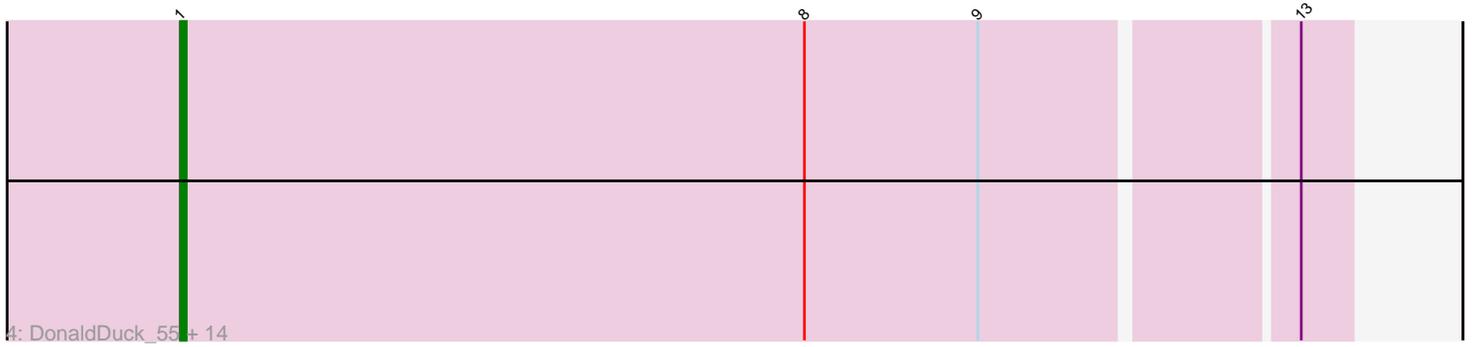
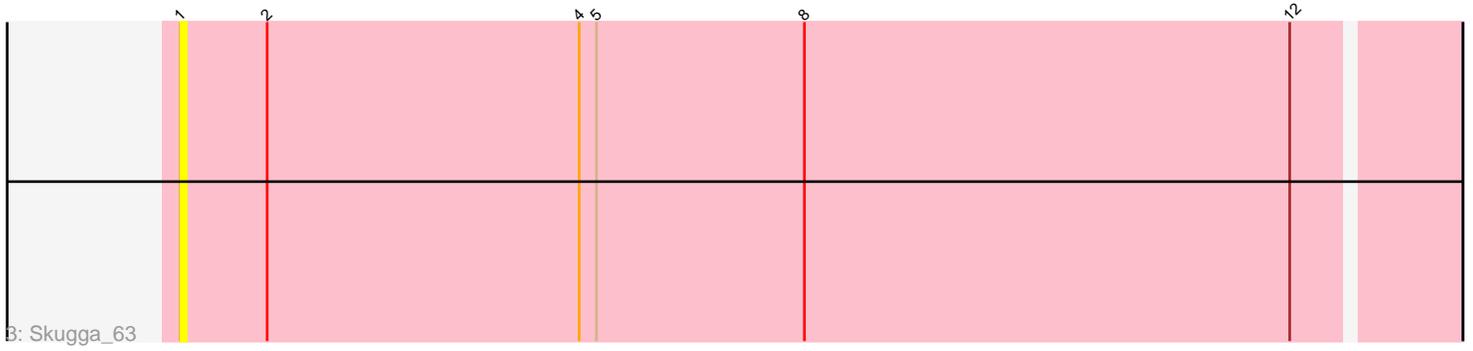
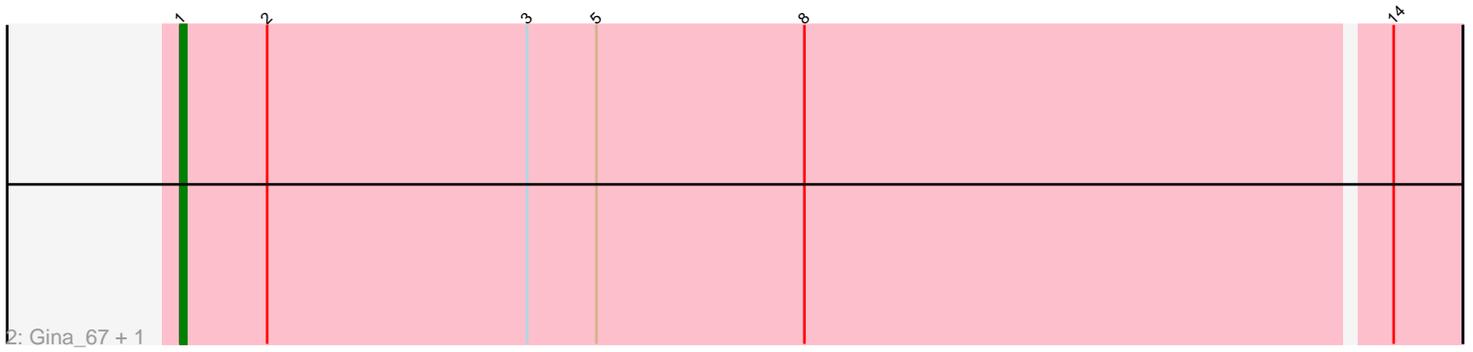
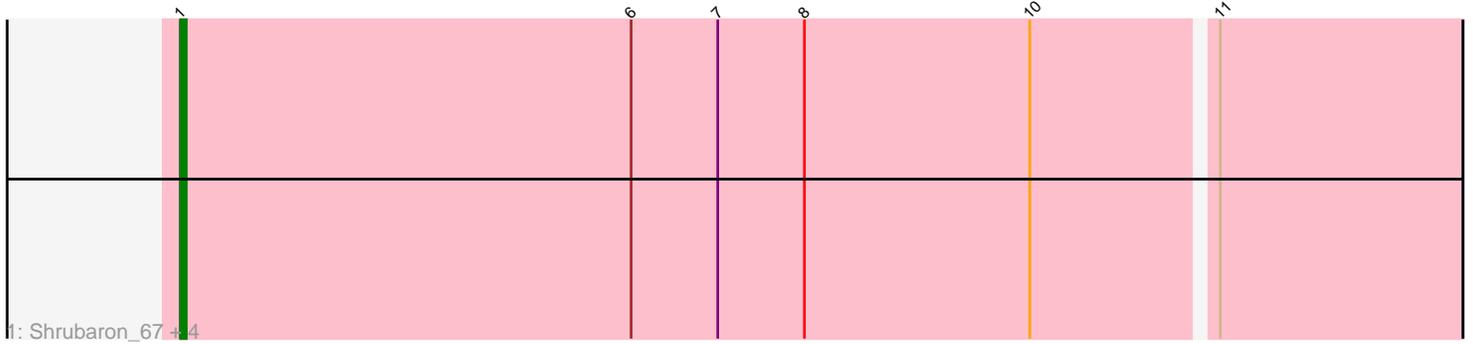


Pham 282450



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 282450 Report

This analysis was run 02/23/26 on database version 636.

Pham number 282450 has 23 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Shrubaron_67, Metamorphoo_66, RobsFeet_67, Tyrumbra_62, Fireman_66
- Track 2 : Gina_67, Teamocil_67
- Track 3 : Skugga_63
- Track 4 : DonaldDuck_55, Quammi_53, BabyDotz_56, Wheelie_55, Viceroy_54, Rudy_53, EverythinBagel_54, Casend_56, Wayne3_57, Jehoshaphat_57, Llemily_55, Sillytadpoles_56, Teehee_56, Zhafia_58, Phabia_55

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 22 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BabyDotz_56, Casend_56, DonaldDuck_55, EverythinBagel_54, Fireman_66, Gina_67, Jehoshaphat_57, Llemily_55, Metamorphoo_66, Phabia_55, Quammi_53, RobsFeet_67, Rudy_53, Shrubaron_67, Sillytadpoles_56, Skugga_63, Teamocil_67, Teehee_56, Tyrumbra_62, Viceroy_54, Wayne3_57, Wheelie_55, Zhafia_58,

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 23 of 23 (100.0%) of genes in pham
- Manual Annotations of this start: 22 of 22
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BabyDotz_56 (EG), Casend_56 (EG), DonaldDuck_55 (EG), EverythinBagel_54 (EG), Fireman_66 (EC), Gina_67 (EC), Jehoshaphat_57 (EG), Llemily_55 (EG), Metamorphoo_66 (EC), Phabia_55 (EG),

Quammi_53 (EG), RobsFeet_67 (EC), Rudy_53 (EG), Shrubaron_67 (EC), Sillytadpoles_56 (EG), Skugga_63 (EC), Teamocil_67 (EC), Teehee_56 (EG), Tyrumbra_62 (EC), Viceroy_54 (EG), Wayne3_57 (EG), Wheelie_55 (EG), Zhafia_58 (EG),

Summary by clusters:

There are 2 clusters represented in this pham: EG, EC,

Info for manual annotations of cluster EC:

- Start number 1 was manually annotated 7 times for cluster EC.

Info for manual annotations of cluster EG:

- Start number 1 was manually annotated 15 times for cluster EG.

Gene Information:

Gene: BabyDotz_56 Start: 43037, Stop: 42840, Start Num: 1

Candidate Starts for BabyDotz_56:

(Start: 1 @43037 has 22 MA's), (8, 42929), (9, 42899), (13, 42848),

Gene: Casend_56 Start: 42448, Stop: 42251, Start Num: 1

Candidate Starts for Casend_56:

(Start: 1 @42448 has 22 MA's), (8, 42340), (9, 42310), (13, 42259),

Gene: DonaldDuck_55 Start: 41797, Stop: 41600, Start Num: 1

Candidate Starts for DonaldDuck_55:

(Start: 1 @41797 has 22 MA's), (8, 41689), (9, 41659), (13, 41608),

Gene: EverythinBagel_54 Start: 42158, Stop: 41961, Start Num: 1

Candidate Starts for EverythinBagel_54:

(Start: 1 @42158 has 22 MA's), (8, 42050), (9, 42020), (13, 41969),

Gene: Fireman_66 Start: 42331, Stop: 42549, Start Num: 1

Candidate Starts for Fireman_66:

(Start: 1 @42331 has 22 MA's), (6, 42409), (7, 42424), (8, 42439), (10, 42478), (11, 42508),

Gene: Gina_67 Start: 40450, Stop: 40668, Start Num: 1

Candidate Starts for Gina_67:

(Start: 1 @40450 has 22 MA's), (2, 40465), (3, 40510), (5, 40522), (8, 40558), (14, 40657),

Gene: Jehoshaphat_57 Start: 42716, Stop: 42519, Start Num: 1

Candidate Starts for Jehoshaphat_57:

(Start: 1 @42716 has 22 MA's), (8, 42608), (9, 42578), (13, 42527),

Gene: Llemily_55 Start: 41492, Stop: 41295, Start Num: 1

Candidate Starts for Llemily_55:

(Start: 1 @41492 has 22 MA's), (8, 41384), (9, 41354), (13, 41303),

Gene: Metamorphoo_66 Start: 41625, Stop: 41843, Start Num: 1

Candidate Starts for Metamorphoo_66:

(Start: 1 @41625 has 22 MA's), (6, 41703), (7, 41718), (8, 41733), (10, 41772), (11, 41802),

Gene: Phabia_55 Start: 41907, Stop: 41710, Start Num: 1

Candidate Starts for Phabia_55:

(Start: 1 @41907 has 22 MA's), (8, 41799), (9, 41769), (13, 41718),

Gene: Quammi_53 Start: 41607, Stop: 41410, Start Num: 1

Candidate Starts for Quammi_53:

(Start: 1 @41607 has 22 MA's), (8, 41499), (9, 41469), (13, 41418),

Gene: RobsFeet_67 Start: 41910, Stop: 42128, Start Num: 1

Candidate Starts for RobsFeet_67:

(Start: 1 @41910 has 22 MA's), (6, 41988), (7, 42003), (8, 42018), (10, 42057), (11, 42087),

Gene: Rudy_53 Start: 41643, Stop: 41446, Start Num: 1

Candidate Starts for Rudy_53:

(Start: 1 @41643 has 22 MA's), (8, 41535), (9, 41505), (13, 41454),

Gene: Shrubaron_67 Start: 41505, Stop: 41723, Start Num: 1

Candidate Starts for Shrubaron_67:

(Start: 1 @41505 has 22 MA's), (6, 41583), (7, 41598), (8, 41613), (10, 41652), (11, 41682),

Gene: Sillytadpoles_56 Start: 41480, Stop: 41283, Start Num: 1

Candidate Starts for Sillytadpoles_56:

(Start: 1 @41480 has 22 MA's), (8, 41372), (9, 41342), (13, 41291),

Gene: Skugga_63 Start: 40825, Stop: 41043, Start Num: 1

Candidate Starts for Skugga_63:

(Start: 1 @40825 has 22 MA's), (2, 40840), (4, 40894), (5, 40897), (8, 40933), (12, 41017),

Gene: Teamocil_67 Start: 40543, Stop: 40761, Start Num: 1

Candidate Starts for Teamocil_67:

(Start: 1 @40543 has 22 MA's), (2, 40558), (3, 40603), (5, 40615), (8, 40651), (14, 40750),

Gene: Teehee_56 Start: 42713, Stop: 42516, Start Num: 1

Candidate Starts for Teehee_56:

(Start: 1 @42713 has 22 MA's), (8, 42605), (9, 42575), (13, 42524),

Gene: Tyrumbra_62 Start: 41190, Stop: 41408, Start Num: 1

Candidate Starts for Tyrumbra_62:

(Start: 1 @41190 has 22 MA's), (6, 41268), (7, 41283), (8, 41298), (10, 41337), (11, 41367),

Gene: Viceroy_54 Start: 41613, Stop: 41416, Start Num: 1

Candidate Starts for Viceroy_54:

(Start: 1 @41613 has 22 MA's), (8, 41505), (9, 41475), (13, 41424),

Gene: Wayne3_57 Start: 42476, Stop: 42279, Start Num: 1

Candidate Starts for Wayne3_57:

(Start: 1 @42476 has 22 MA's), (8, 42368), (9, 42338), (13, 42287),

Gene: Wheelie_55 Start: 41797, Stop: 41600, Start Num: 1

Candidate Starts for Wheelie_55:

(Start: 1 @41797 has 22 MA's), (8, 41689), (9, 41659), (13, 41608),

Gene: Zhafia_58 Start: 42277, Stop: 42080, Start Num: 1

Candidate Starts for Zhafia_58:

(Start: 1 @42277 has 22 MA's), (8, 42169), (9, 42139), (13, 42088),