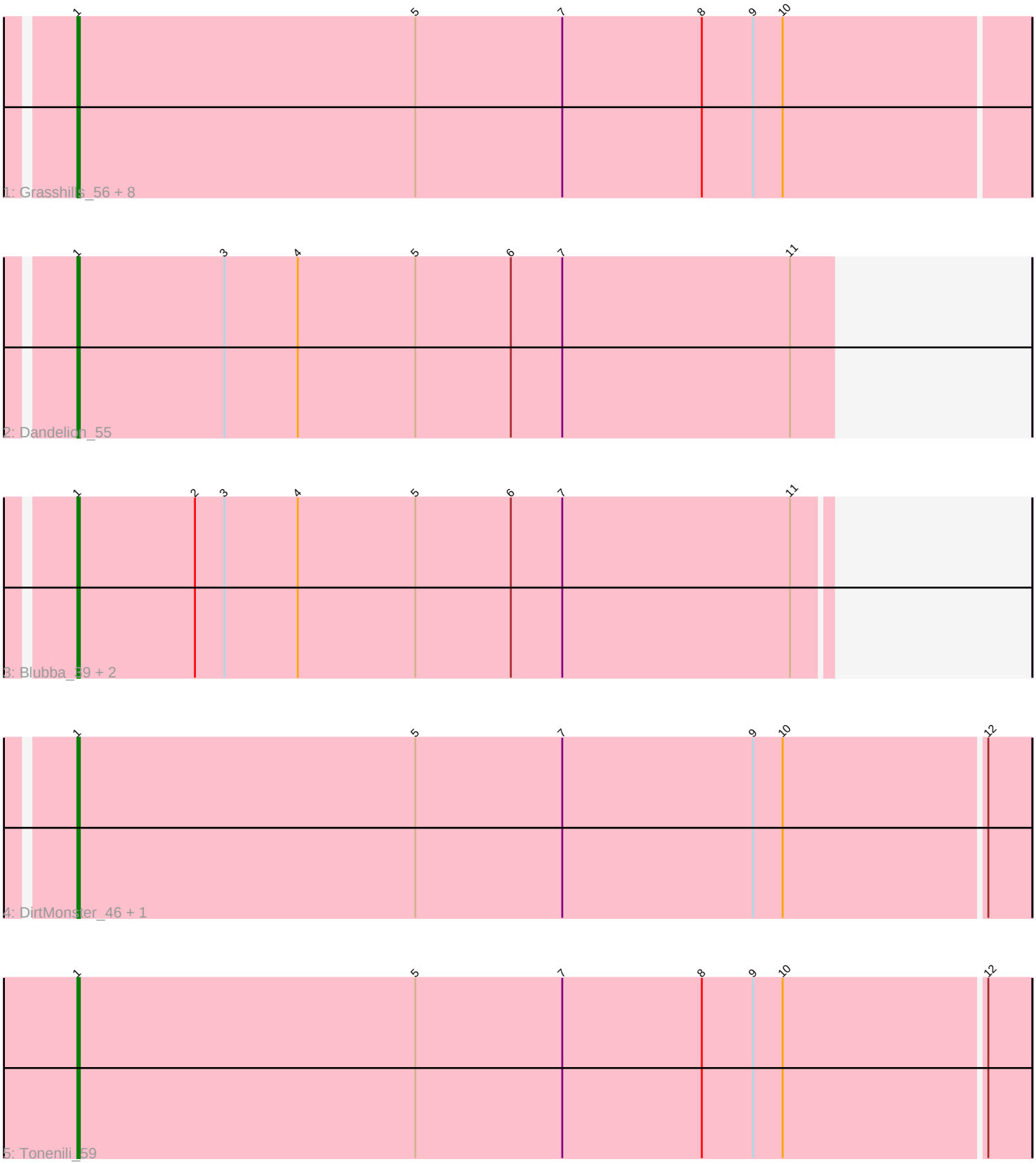
Pham 86989


1
5
7
8
9
10
1: Grasshills_56 + 8
1
3
4
5
6
7
11
2: Dandelion_55
1
2
3
4
5
6
7
11
3: Blubba_59 + 2
1
5
7
9
10
12
4: DirtMonster_46 + 1
1
5
7
8
9
10
12
5: Tonenili_59

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 86989 Report

This analysis was run 04/28/24 on database version 559.

Pham number 86989 has 16 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Grasshills_56, Bigswole_56, Mangeria_52, Concombre_54, EggyFarm_56, Shelob_52, NuevoMundo_54, BigCity_56, JayJay_53
• Track 2 : Dandelion_55
• Track 3 : Blubba_39, Colt_42, Cane17_40
• Track 4 : DirtMonster_46, Bangla1971_50
• Track 5 : Tonenili_59

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:
• Bangla1971_50, BigCity_56, Bigswole_56, Blubba_39, Cane17_40, Colt_42, Concombre_54, Dandelion_55, DirtMonster_46, EggyFarm_56, Grasshills_56, JayJay_53, Mangeria_52, NuevoMundo_54, Shelob_52, Tonenili_59,

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 16 of 16 (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: Bangla1971_50 (C1), BigCity_56 (C1), Bigswole_56 (C1), Blubba_39 (C1), Cane17_40 (C1), Colt_42 (C1), Concombre_54 (C1), Dandelion_55 (C1), DirtMonster_46 (C1), EggyFarm_56 (C1), Grasshills_56 (C1), JayJay_53 (C1), Mangeria_52 (C1), NuevoMundo_54 (C1), Shelob_52 (C1), Tonenili_59 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:
•Start number 1 was manually annotated 10 times for cluster C1.

Gene Information:

Gene: Bangla1971_50 Start: 15609, Stop: 15995, Start Num: 1
Candidate Starts for Bangla1971_50:
(Start: 1 @15609 has 10 MA's), (5, 15747), (7, 15807), (9, 15885), (10, 15897), (12, 15978),

Gene: BigCity_56 Start: 17384, Stop: 17770, Start Num: 1
Candidate Starts for BigCity_56:
(Start: 1 @17384 has 10 MA's), (5, 17522), (7, 17582), (8, 17639), (9, 17660), (10, 17672),

Gene: Bigswole_56 Start: 18004, Stop: 18393, Start Num: 1
Candidate Starts for Bigswole_56:
(Start: 1 @18004 has 10 MA's), (5, 18142), (7, 18202), (8, 18259), (9, 18280), (10, 18292),

Gene: Blubba_39 Start: 13268, Stop: 13573, Start Num: 1
Candidate Starts for Blubba_39:
(Start: 1 @13268 has 10 MA's), (2, 13316), (3, 13328), (4, 13358), (5, 13406), (6, 13445), (7, 13466), (11, 13559),

Gene: Cane17_40 Start: 13294, Stop: 13599, Start Num: 1
Candidate Starts for Cane17_40:
(Start: 1 @13294 has 10 MA's), (2, 13342), (3, 13354), (4, 13384), (5, 13432), (6, 13471), (7, 13492), (11, 13585),

Gene: Colt_42 Start: 14161, Stop: 14466, Start Num: 1
Candidate Starts for Colt_42:
(Start: 1 @14161 has 10 MA's), (2, 14209), (3, 14221), (4, 14251), (5, 14299), (6, 14338), (7, 14359), (11, 14452),

Gene: Concombre_54 Start: 17314, Stop: 17703, Start Num: 1
Candidate Starts for Concombre_54:
(Start: 1 @17314 has 10 MA's), (5, 17452), (7, 17512), (8, 17569), (9, 17590), (10, 17602),

Gene: Dandelion_55 Start: 17699, Stop: 18007, Start Num: 1
Candidate Starts for Dandelion_55:
(Start: 1 @17699 has 10 MA's), (3, 17759), (4, 17789), (5, 17837), (6, 17876), (7, 17897), (11, 17990),

Gene: DirtMonster_46 Start: 16093, Stop: 16479, Start Num: 1
Candidate Starts for DirtMonster_46:
(Start: 1 @16093 has 10 MA's), (5, 16231), (7, 16291), (9, 16369), (10, 16381), (12, 16462),

Gene: EggyFarm_56 Start: 17384, Stop: 17770, Start Num: 1
Candidate Starts for EggyFarm_56:

(Start: 1 @17384 has 10 MA's), (5, 17522), (7, 17582), (8, 17639), (9, 17660), (10, 17672),

Gene: Grasshills_56 Start: 17384, Stop: 17770, Start Num: 1
Candidate Starts for Grasshills_56:
(Start: 1 @17384 has 10 MA's), (5, 17522), (7, 17582), (8, 17639), (9, 17660), (10, 17672),

Gene: JayJay_53 Start: 16346, Stop: 16717, Start Num: 1
Candidate Starts for JayJay_53:
(Start: 1 @16346 has 10 MA's), (5, 16484), (7, 16544), (8, 16601), (9, 16622), (10, 16634),

Gene: Mangeria_52 Start: 16457, Stop: 16846, Start Num: 1
Candidate Starts for Mangeria_52:
(Start: 1 @16457 has 10 MA's), (5, 16595), (7, 16655), (8, 16712), (9, 16733), (10, 16745),

Gene: NuevoMundo_54 Start: 16765, Stop: 17154, Start Num: 1
Candidate Starts for NuevoMundo_54:
(Start: 1 @16765 has 10 MA's), (5, 16903), (7, 16963), (8, 17020), (9, 17041), (10, 17053),

Gene: Shelob_52 Start: 16964, Stop: 17335, Start Num: 1
Candidate Starts for Shelob_52:
(Start: 1 @16964 has 10 MA's), (5, 17102), (7, 17162), (8, 17219), (9, 17240), (10, 17252),

Gene: Tonenili_59 Start: 18478, Stop: 18864, Start Num: 1
Candidate Starts for Tonenili_59:
(Start: 1 @18478 has 10 MA's), (5, 18616), (7, 18676), (8, 18733), (9, 18754), (10, 18766), (12, 18847),