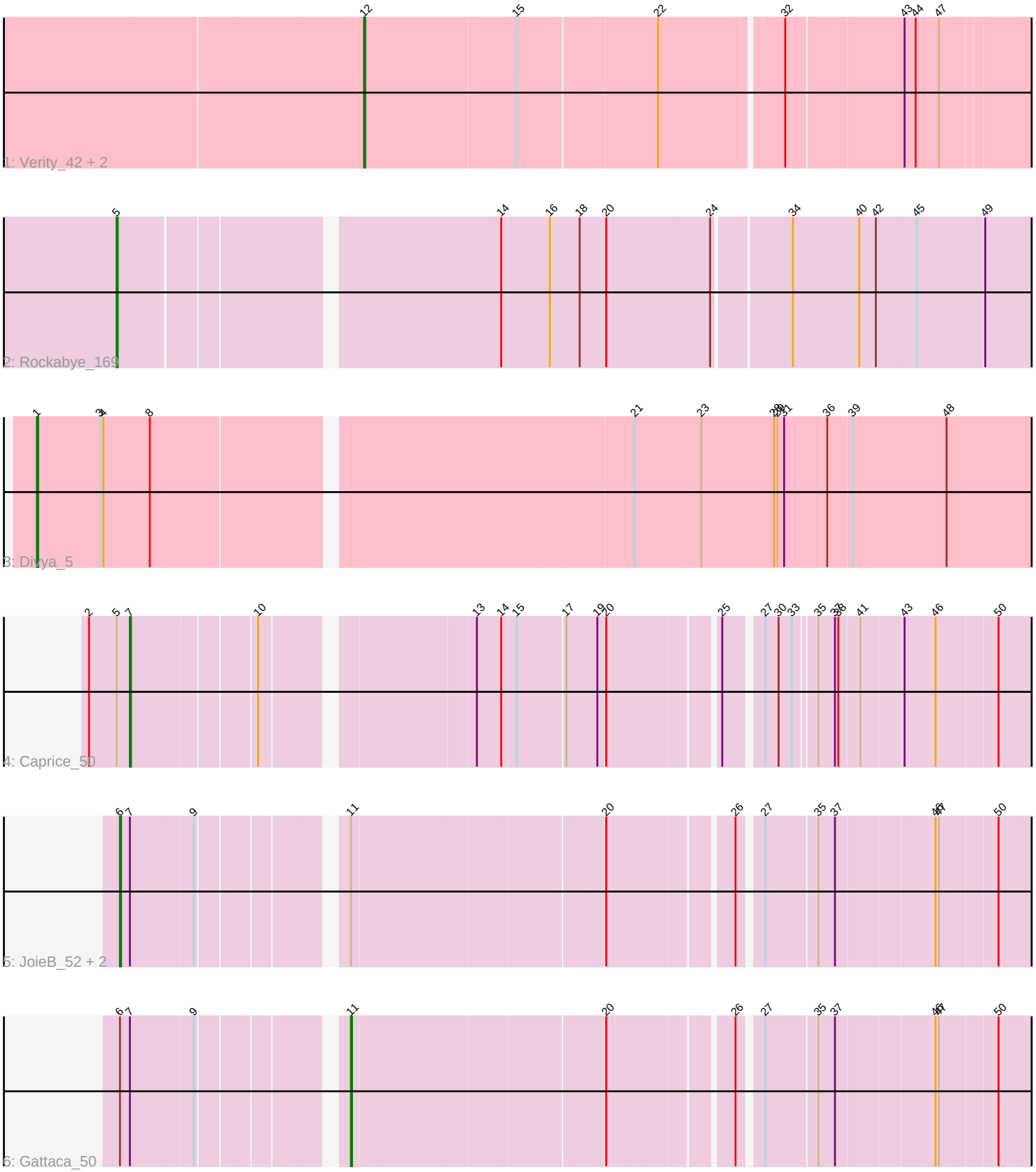
Pham 346419


12
15
22
32
43
44
47
1: Verity_42 + 2
5
14
16
18
20
24
34
40
42
45
49
2: Rockabye_169
1
3
8
21
23
28
29
31
36
39
48
3: Divya_5
2
5
7
10
13
14
15
17
19
20
25
27
30
33
35
37
38
41
43
46
50
4: Caprice_50
6
7
9
11
20
26
27
35
37
50
5: JoieB_52 + 2
6
7
9
11
20
26
27
35
37
50
6: Gattaca_50

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 346419 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346419 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Verity_42, DoctorFroggo_42, Delrey21_42
• Track 2 : Rockabye_169
• Track 3 : Divya_5
• Track 4 : Caprice_50
• Track 5 : JoieB_52, Corazon_49, MosMoris_49
• Track 6 : Gattaca_50

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

The start number called the most often in the published annotations is 6, it was called in 3 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Corazon_49, JoieB_52, MosMoris_49,

Genes that have the "Most Annotated" start but do not call it:
• Gattaca_50,

Genes that do not have the "Most Annotated" start:
• Caprice_50, Delrey21_42, Divya_5, DoctorFroggo_42, Rockabye_169, Verity_42,

Summary by start number:

Start 1:
• Found in 1 of 10 (10.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Divya_5 (FL),

Start 5:
• Found in 2 of 10 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Rockabye_169 (FC),

Start 6:
• Found in 4 of 10 (40.0%) of genes in pham
• Manual Annotations of this start: 3 of 10
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Corazon_49 (S), JoieB_52 (S), MosMoris_49 (S),

Start 7:
• Found in 5 of 10 (50.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 20.0% of time when present
• Phage (with cluster) where this start called: Caprice_50 (S),

Start 11:
• Found in 4 of 10 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 10
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Gattaca_50 (S),

Start 12:
• Found in 3 of 10 (30.0%) of genes in pham
• Manual Annotations of this start: 3 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Delrey21_42 (DE4), DoctorFroggo_42 (DE4), Verity_42 (DE4),

Summary by clusters:

There are 4 clusters represented in this pham: DE4, S, FC, FL,

Info for manual annotations of cluster DE4:
•Start number 12 was manually annotated 3 times for cluster DE4.

Info for manual annotations of cluster FC:
•Start number 5 was manually annotated 1 time for cluster FC.

Info for manual annotations of cluster FL:
•Start number 1 was manually annotated 1 time for cluster FL.

Info for manual annotations of cluster S:
•Start number 6 was manually annotated 3 times for cluster S.
•Start number 7 was manually annotated 1 time for cluster S.
•Start number 11 was manually annotated 1 time for cluster S.

Gene Information:

Gene: Caprice_50 Start: 28543, Stop: 29262, Start Num: 7
Candidate Starts for Caprice_50:
(2, 28507), (Start: 5 @28531 has 1 MA's), (Start: 7 @28543 has 1 MA's), (10, 28645), (13, 28813), (14, 28834), (15, 28846), (17, 28888), (19, 28915), (20, 28921), (25, 29011), (27, 29041), (30, 29053), (33,

29065), (35, 29083), (37, 29098), (38, 29101), (41, 29119), (43, 29155), (46, 29182), (50, 29233),

Gene: Corazon_49 Start: 29081, Stop: 29815, Start Num: 6
Candidate Starts for Corazon_49:
(Start: 6 @29081 has 3 MA's), (Start: 7 @29090 has 1 MA's), (9, 29144), (Start: 11 @29255 has 1 MA's), (20, 29471), (26, 29573), (27, 29591), (35, 29636), (37, 29651), (46, 29735), (47, 29738), (50, 29786),

Gene: Delrey21_42 Start: 39489, Stop: 40070, Start Num: 12
Candidate Starts for Delrey21_42:
(Start: 12 @39489 has 3 MA's), (15, 39624), (22, 39747), (32, 39855), (43, 39957), (44, 39966), (47, 39987),

Gene: Divya_5 Start: 4273, Stop: 5154, Start Num: 1
Candidate Starts for Divya_5:
(Start: 1 @4273 has 1 MA's), (3, 4330), (4, 4333), (8, 4375), (21, 4789), (23, 4849), (28, 4915), (29, 4918), (31, 4924), (36, 4963), (39, 4984), (48, 5068),

Gene: DoctorFroggo_42 Start: 39489, Stop: 40070, Start Num: 12
Candidate Starts for DoctorFroggo_42:
(Start: 12 @39489 has 3 MA's), (15, 39624), (22, 39747), (32, 39855), (43, 39957), (44, 39966), (47, 39987),

Gene: Gattaca_50 Start: 28482, Stop: 29042, Start Num: 11
Candidate Starts for Gattaca_50:
(Start: 6 @28308 has 3 MA's), (Start: 7 @28317 has 1 MA's), (9, 28371), (Start: 11 @28482 has 1 MA's), (20, 28698), (26, 28800), (27, 28818), (35, 28863), (37, 28878), (46, 28962), (47, 28965), (50, 29013),

Gene: JoieB_52 Start: 29125, Stop: 29859, Start Num: 6
Candidate Starts for JoieB_52:
(Start: 6 @29125 has 3 MA's), (Start: 7 @29134 has 1 MA's), (9, 29188), (Start: 11 @29299 has 1 MA's), (20, 29515), (26, 29617), (27, 29635), (35, 29680), (37, 29695), (46, 29779), (47, 29782), (50, 29830),

Gene: MosMoris_49 Start: 28308, Stop: 29042, Start Num: 6
Candidate Starts for MosMoris_49:
(Start: 6 @28308 has 3 MA's), (Start: 7 @28317 has 1 MA's), (9, 28371), (Start: 11 @28482 has 1 MA's), (20, 28698), (26, 28800), (27, 28818), (35, 28863), (37, 28878), (46, 28962), (47, 28965), (50, 29013),

Gene: Rockabye_169 Start: 104028, Stop: 104819, Start Num: 5
Candidate Starts for Rockabye_169:
(Start: 5 @104028 has 1 MA's), (14, 104349), (16, 104391), (18, 104418), (20, 104442), (24, 104535), (34, 104601), (40, 104661), (42, 104676), (45, 104712), (49, 104772),

Gene: Verity_42 Start: 39489, Stop: 40070, Start Num: 12
Candidate Starts for Verity_42:
(Start: 12 @39489 has 3 MA's), (15, 39624), (22, 39747), (32, 39855), (43, 39957), (44, 39966), (47, 39987),