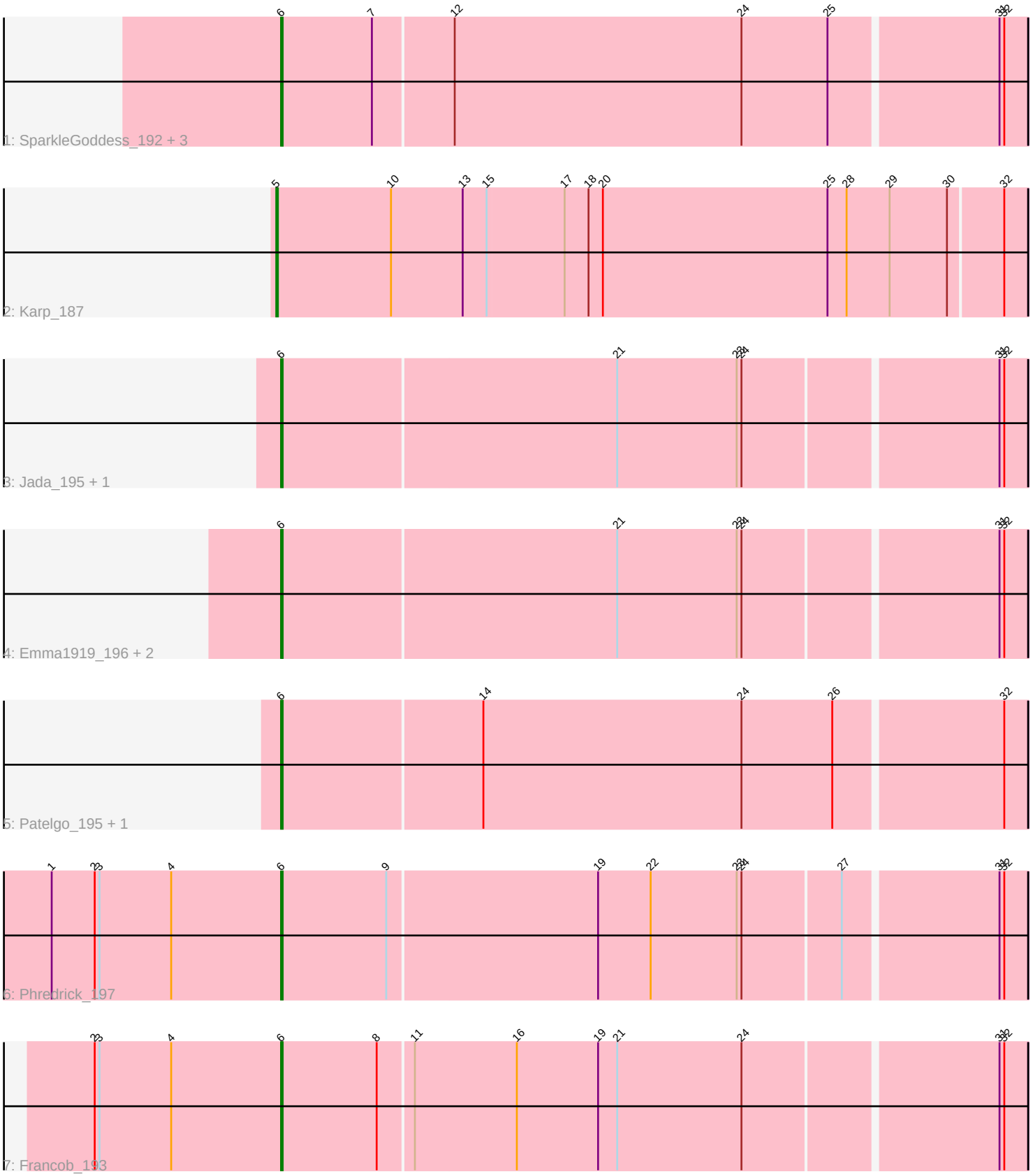
Pham 182699


6
7
12
24
25
32
1: SparkleGoddess_192 + 3
5
10
13
15
17
18
20
25
28
29
30
32
2: Karp_187
6
21
32
3: Jada_195 + 1
6
21
32
4: Emma1919_196 + 2
6
14
24
26
32
5: Patelgo_195 + 1
1
4
6
9
19
22
27
32
6: Phredrick_197
4
6
8
11
16
19
21
24
32
7: Francob_193

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 182699 Report

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

Pham number 182699 has 14 members, 0 are drafts.

Phages represented in each track:
• Track 1 : SparkleGoddess_192, Belfort_192, Stigma_190, Comrade_189
• Track 2 : Karp_187
• Track 3 : Jada_195, Forrest_197
• Track 4 : Emma1919_196, Gilson_195, MeganTheeKilla_195
• Track 5 : Patelgo_195, Moab_193
• Track 6 : Phredrick_197
• Track 7 : Francob_193

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 13 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Belfort_192, Comrade_189, Emma1919_196, Forrest_197, Francob_193, Gilson_195, Jada_195, MeganTheeKilla_195, Moab_193, Patelgo_195, Phredrick_197, SparkleGoddess_192, Stigma_190,

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

Genes that do not have the "Most Annotated" start:
• Karp_187,

Summary by start number:

Start 5:
• Found in 1 of 14 (7.1%) of genes in pham
• Manual Annotations of this start: 1 of 14
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Karp_187 (BK1),

Start 6:
• Found in 13 of 14 (92.9%) of genes in pham

• Manual Annotations of this start: 13 of 14
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Belfort_192 (BK1), Comrade_189 (BK1), Emma1919_196 (BK1), Forrest_197 (BK1), Francob_193 (BK1), Gilson_195 (BK1), Jada_195 (BK1), MeganTheeKilla_195 (BK1), Moab_193 (BK1), Patelgo_195 (BK1), Phredrick_197 (BK1), SparkleGoddess_192 (BK1), Stigma_190 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:
•Start number 5 was manually annotated 1 time for cluster BK1.
•Start number 6 was manually annotated 13 times for cluster BK1.

Gene Information:

Gene: Belfort_192 Start: 98921, Stop: 99379, Start Num: 6
Candidate Starts for Belfort_192:
(Start: 6 @98921 has 13 MA's), (7, 98978), (12, 99026), (24, 99206), (25, 99260), (31, 99362), (32, 99365),

Gene: Comrade_189 Start: 99122, Stop: 99580, Start Num: 6
Candidate Starts for Comrade_189:
(Start: 6 @99122 has 13 MA's), (7, 99179), (12, 99227), (24, 99407), (25, 99461), (31, 99563), (32, 99566),

Gene: Emma1919_196 Start: 97758, Stop: 98213, Start Num: 6
Candidate Starts for Emma1919_196:
(Start: 6 @97758 has 13 MA's), (21, 97965), (23, 98040), (24, 98043), (31, 98196), (32, 98199),

Gene: Forrest_197 Start: 99152, Stop: 99607, Start Num: 6
Candidate Starts for Forrest_197:
(Start: 6 @99152 has 13 MA's), (21, 99359), (23, 99434), (24, 99437), (31, 99590), (32, 99593),

Gene: Francob_193 Start: 97846, Stop: 98301, Start Num: 6
Candidate Starts for Francob_193:
(2, 97729), (3, 97732), (4, 97777), (Start: 6 @97846 has 13 MA's), (8, 97906), (11, 97927), (16, 97990), (19, 98041), (21, 98053), (24, 98131), (31, 98284), (32, 98287),

Gene: Gilson_195 Start: 97720, Stop: 98175, Start Num: 6
Candidate Starts for Gilson_195:
(Start: 6 @97720 has 13 MA's), (21, 97927), (23, 98002), (24, 98005), (31, 98158), (32, 98161),

Gene: Jada_195 Start: 98024, Stop: 98479, Start Num: 6
Candidate Starts for Jada_195:
(Start: 6 @98024 has 13 MA's), (21, 98231), (23, 98306), (24, 98309), (31, 98462), (32, 98465),

Gene: Karp_187 Start: 98777, Stop: 99244, Start Num: 5
Candidate Starts for Karp_187:

(Start: 5 @98777 has 1 MA's), (10, 98849), (13, 98894), (15, 98909), (17, 98957), (18, 98972), (20, 98981), (25, 99122), (28, 99134), (29, 99161), (30, 99197), (32, 99230),

Gene: MeganTheeKilla_195 Start: 97792, Stop: 98247, Start Num: 6
Candidate Starts for MeganTheeKilla_195:
(Start: 6 @97792 has 13 MA's), (21, 97999), (23, 98074), (24, 98077), (31, 98230), (32, 98233),

Gene: Moab_193 Start: 100358, Stop: 100816, Start Num: 6
Candidate Starts for Moab_193:
(Start: 6 @100358 has 13 MA's), (14, 100481), (24, 100643), (26, 100700), (32, 100802),

Gene: Patelgo_195 Start: 100999, Stop: 101457, Start Num: 6
Candidate Starts for Patelgo_195:
(Start: 6 @100999 has 13 MA's), (14, 101122), (24, 101284), (26, 101341), (32, 101443),

Gene: Phredrick_197 Start: 97569, Stop: 98024, Start Num: 6
Candidate Starts for Phredrick_197:
(1, 97425), (2, 97452), (3, 97455), (4, 97500), (Start: 6 @97569 has 13 MA's), (9, 97635), (19, 97764), (22, 97797), (23, 97851), (24, 97854), (27, 97914), (31, 98007), (32, 98010),

Gene: SparkleGoddess_192 Start: 99330, Stop: 99788, Start Num: 6
Candidate Starts for SparkleGoddess_192:
(Start: 6 @99330 has 13 MA's), (7, 99387), (12, 99435), (24, 99615), (25, 99669), (31, 99771), (32, 99774),

Gene: Stigma_190 Start: 99568, Stop: 100026, Start Num: 6
Candidate Starts for Stigma_190:
(Start: 6 @99568 has 13 MA's), (7, 99625), (12, 99673), (24, 99853), (25, 99907), (31, 100009), (32, 100012),