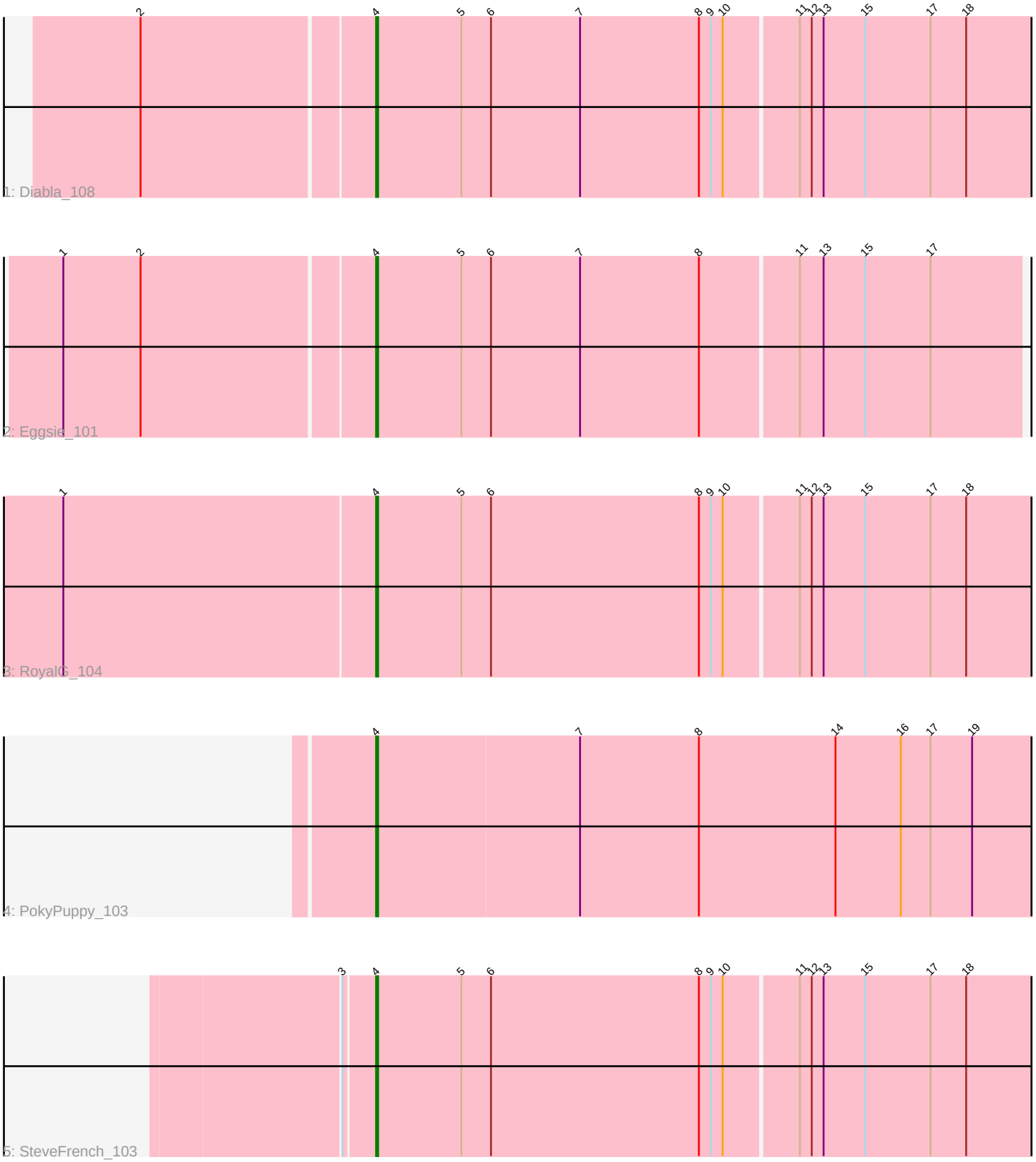
Pham 220537


2
4
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18
1: Diabla_108
1
2
4
5
6
7
8
11
13
15
17
2: Eggsie_101
1
4
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11
12
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15
17
18
3: RoyalG_104
4
7
8
14
16
17
19
4: PokyPuppy_103
3
4
5
6
8
9
10
11
12
13
15
17
18
5: SteveFrench_103

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 220537 Report

This analysis was run 03/28/25 on database version 593.

Pham number 220537 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Diabla_108
• Track 2 : Eggsie_101
• Track 3 : RoyalG_104
• Track 4 : PokyPuppy_103
• Track 5 : SteveFrench_103

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Diabla_108, Eggsie_101, PokyPuppy_103, RoyalG_104, SteveFrench_103,

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 4:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Diabla_108 (CS2), Eggsie_101 (CS2), PokyPuppy_103 (CS2), RoyalG_104 (CS2), SteveFrench_103 (CS2),

Summary by clusters:

There is one cluster represented in this pham: CS2

Info for manual annotations of cluster CS2:

•Start number 4 was manually annotated 5 times for cluster CS2.

Gene Information:

Gene: Diabla_108 Start: 74198, Stop: 73851, Start Num: 4
Candidate Starts for Diabla_108:
(2, 74312), (Start: 4 @74198 has 5 MA's), (5, 74156), (6, 74141), (7, 74096), (8, 74036), (9, 74030), (10, 74024), (11, 73988), (12, 73982), (13, 73976), (15, 73955), (17, 73922), (18, 73904),

Gene: Eggsie_101 Start: 72078, Stop: 71740, Start Num: 4
Candidate Starts for Eggsie_101:
(1, 72231), (2, 72192), (Start: 4 @72078 has 5 MA's), (5, 72036), (6, 72021), (7, 71976), (8, 71916), (11, 71868), (13, 71856), (15, 71835), (17, 71802),

Gene: PokyPuppy_103 Start: 74424, Stop: 74059, Start Num: 4
Candidate Starts for PokyPuppy_103:
(Start: 4 @74424 has 5 MA's), (7, 74322), (8, 74262), (14, 74193), (16, 74160), (17, 74145), (19, 74124),

Gene: RoyalG_104 Start: 73228, Stop: 72881, Start Num: 4
Candidate Starts for RoyalG_104:
(1, 73384), (Start: 4 @73228 has 5 MA's), (5, 73186), (6, 73171), (8, 73066), (9, 73060), (10, 73054), (11, 73018), (12, 73012), (13, 73006), (15, 72985), (17, 72952), (18, 72934),

Gene: SteveFrench_103 Start: 73467, Stop: 73120, Start Num: 4
Candidate Starts for SteveFrench_103:
(3, 73482), (Start: 4 @73467 has 5 MA's), (5, 73425), (6, 73410), (8, 73305), (9, 73299), (10, 73293), (11, 73257), (12, 73251), (13, 73245), (15, 73224), (17, 73191), (18, 73173),