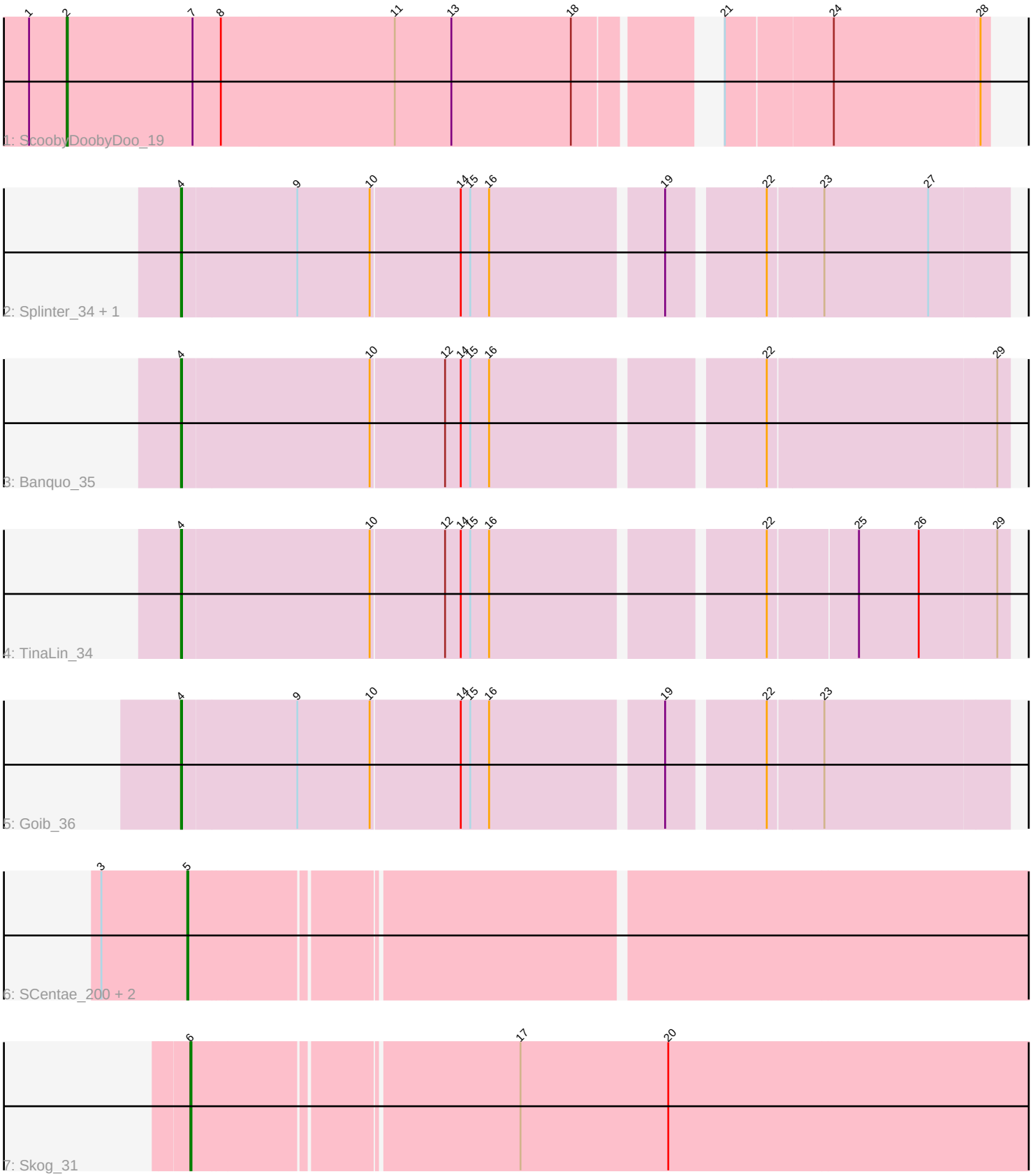
Pham 195892


1
2
7
8
11
13
18
21
24
28
1: ScoobyDoobyDoo_19
4
9
10
14
15
16
19
22
23
27
2: Splinter_34 + 1
4
10
12
14
15
16
22
29
3: Banquo_35
4
10
12
14
15
16
22
25
26
29
4: TinaLin_34
4
9
10
14
15
16
19
22
23
5: Goib_36
3
5
6: SCentae_200 + 2
6
17
20
7: Skog_31

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 195892 Report

This analysis was run 12/09/24 on database version 580.

Pham number 195892 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : ScoobyDoobyDoo_19
• Track 2 : Splinter_34, Vendetta_34
• Track 3 : Banquo_35
• Track 4 : TinaLin_34
• Track 5 : Goib_36
• Track 6 : SCentae_200, Pupper_201, CherryTomatoes_203
• Track 7 : Skog_31

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 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Banquo_35, Goib_36, Splinter_34, TinaLin_34, Vendetta_34,

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

Genes that do not have the "Most Annotated" start:
• CherryTomatoes_203, Pupper_201, SCentae_200, ScoobyDoobyDoo_19, Skog_31,

Summary by start number:

Start 2:
• 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: ScoobyDoobyDoo_19 (C2),

Start 4:
• Found in 5 of 10 (50.0%) of genes in pham
• Manual Annotations of this start: 5 of 10

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Banquo_35 (CU1), Goib_36 (CU1), Splinter_34 (CU1), TinaLin_34 (CU1), Vendetta_34 (CU1),

Start 5:
• 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: CherryTomatoes_203 (DO), Pupper_201 (DO), SCentae_200 (DO),

Start 6:
• 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: Skog_31 (DO),

Summary by clusters:

There are 3 clusters represented in this pham: DO, CU1, C2,

Info for manual annotations of cluster C2:
•Start number 2 was manually annotated 1 time for cluster C2.

Info for manual annotations of cluster CU1:
•Start number 4 was manually annotated 5 times for cluster CU1.

Info for manual annotations of cluster DO:
•Start number 5 was manually annotated 3 times for cluster DO.
•Start number 6 was manually annotated 1 time for cluster DO.

Gene Information:

Gene: Banquo_35 Start: 24903, Stop: 25655, Start Num: 4
Candidate Starts for Banquo_35:
(Start: 4 @24903 has 5 MA's), (10, 25080), (12, 25149), (14, 25164), (15, 25173), (16, 25191), (22, 25431), (29, 25644),

Gene: CherryTomatoes_203 Start: 138518, Stop: 139312, Start Num: 5
Candidate Starts for CherryTomatoes_203:
(3, 138437), (Start: 5 @138518 has 3 MA's),

Gene: Goib_36 Start: 25321, Stop: 26073, Start Num: 4
Candidate Starts for Goib_36:
(Start: 4 @25321 has 5 MA's), (9, 25429), (10, 25498), (14, 25582), (15, 25591), (16, 25609), (19, 25765), (22, 25849), (23, 25900),

Gene: Pupper_201 Start: 138380, Stop: 139174, Start Num: 5
Candidate Starts for Pupper_201:
(3, 138299), (Start: 5 @138380 has 3 MA's),

Gene: SCentae_200 Start: 138572, Stop: 139366, Start Num: 5
Candidate Starts for SCentae_200:
(3, 138491), (Start: 5 @138572 has 3 MA's),

Gene: ScoobyDoobyDoo_19 Start: 5999, Stop: 6829, Start Num: 2
Candidate Starts for ScoobyDoobyDoo_19:
(1, 5963), (Start: 2 @5999 has 1 MA's), (7, 6119), (8, 6146), (11, 6311), (13, 6365), (18, 6479), (21, 6584), (24, 6683), (28, 6821),

Gene: Skog_31 Start: 14091, Stop: 14894, Start Num: 6
Candidate Starts for Skog_31:
(Start: 6 @14091 has 1 MA's), (17, 14385), (20, 14526),

Gene: Splinter_34 Start: 25311, Stop: 26063, Start Num: 4
Candidate Starts for Splinter_34:
(Start: 4 @25311 has 5 MA's), (9, 25419), (10, 25488), (14, 25572), (15, 25581), (16, 25599), (19, 25755), (22, 25839), (23, 25890), (27, 25989),

Gene: TinaLin_34 Start: 24579, Stop: 25328, Start Num: 4
Candidate Starts for TinaLin_34:
(Start: 4 @24579 has 5 MA's), (10, 24756), (12, 24825), (14, 24840), (15, 24849), (16, 24867), (22, 25107), (25, 25188), (26, 25245), (29, 25317),

Gene: Vendetta_34 Start: 25311, Stop: 26063, Start Num: 4
Candidate Starts for Vendetta_34:
(Start: 4 @25311 has 5 MA's), (9, 25419), (10, 25488), (14, 25572), (15, 25581), (16, 25599), (19, 25755), (22, 25839), (23, 25890), (27, 25989),