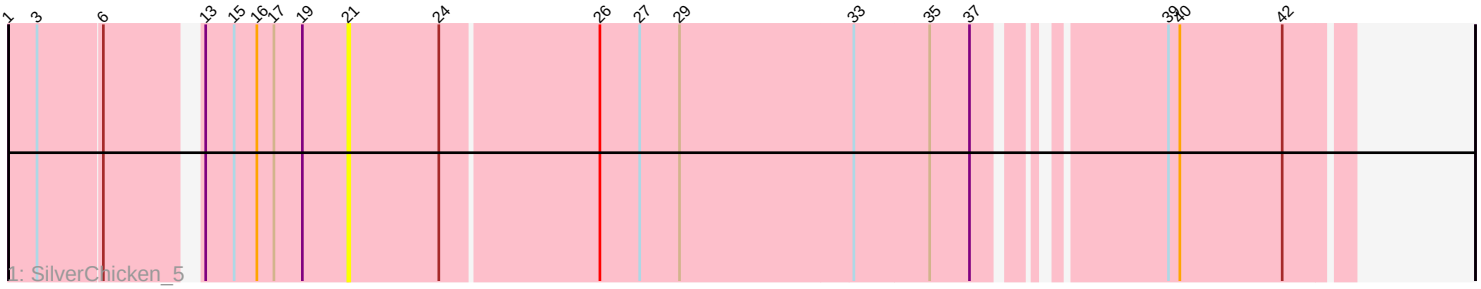
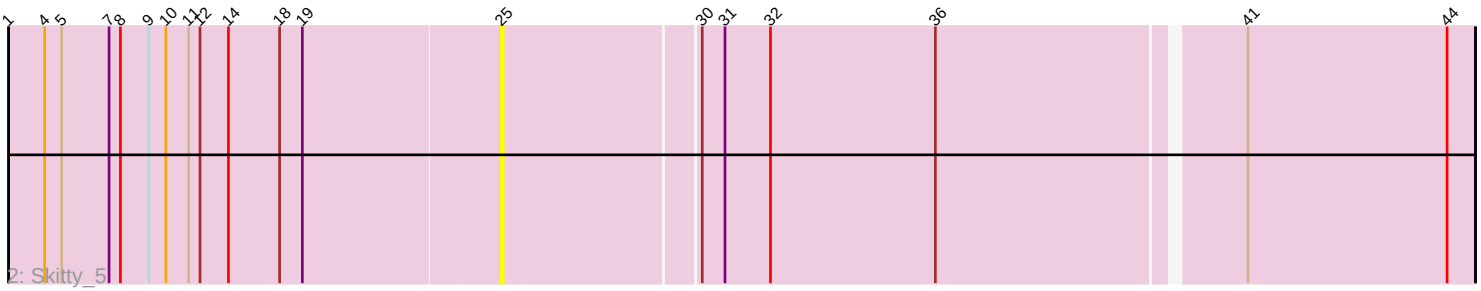
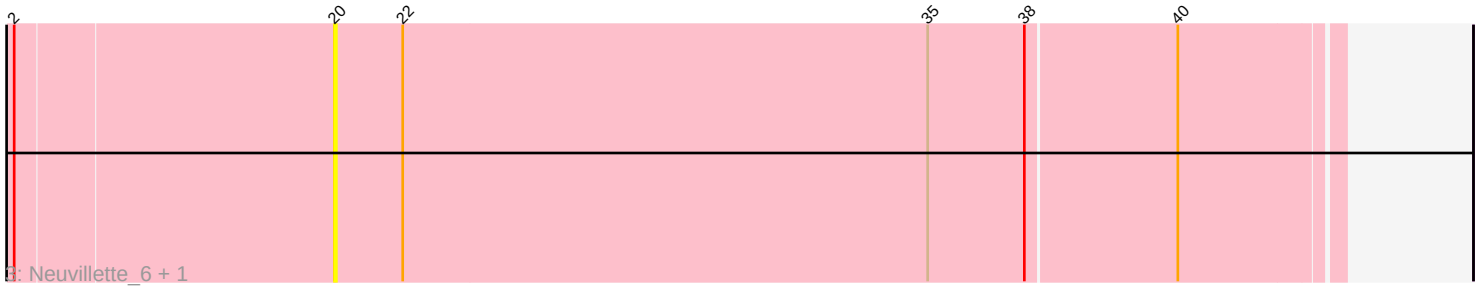
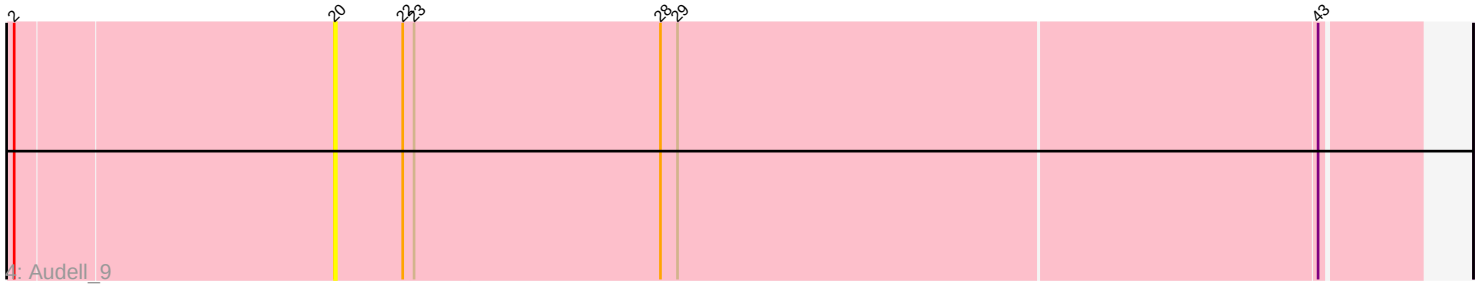
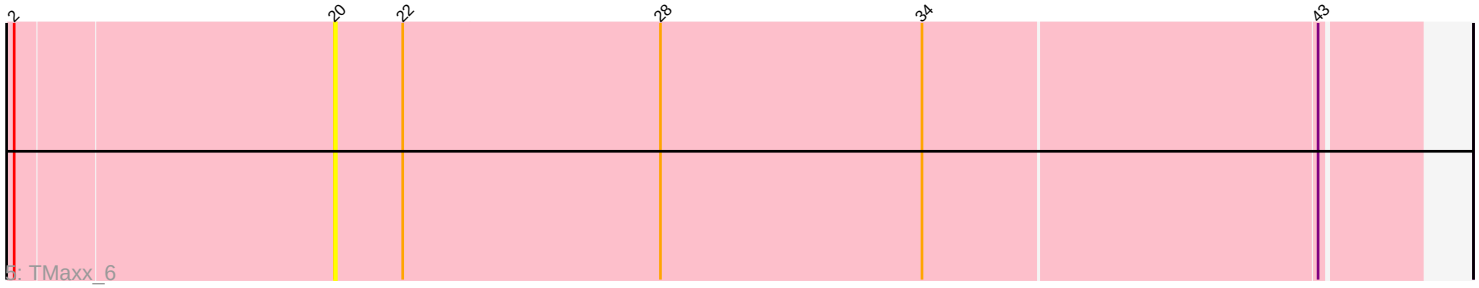
Pham 225256


1
3
6
13
15
16
17
19
21
24
26
27
29
33
35
37
39
40
42
1: SilverChicken_5


1
4
5
7
8
9
10
11
12
14
18
19
25
30
31
32
36
41
44
2: Skitty_5


2
20
22
35
38
40
3: Neuvillette_6 + 1


2
20
22
23
28
29
43
4: Audell_9


2
20
22
28
34
43
5: TMaxx_6

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 225256 Report

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

Pham number 225256 has 6 members, 6 are drafts.

Phages represented in each track:
• Track 1 : SilverChicken_5
• Track 2 : Skitty_5
• Track 3 : Neuvillette_6, AnnabelLee_6
• Track 4 : Audell_9
• Track 5 : TMaxx_6

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 20:
• Found in 4 of 6 (66.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnnabelLee_6 (FR), Audell_9 (FR), Neuvillette_6 (FR), TMaxx_6 (FR),

Start 21:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: SilverChicken_5 (F2),

Start 25:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Skitty_5 (FQ),

Summary by clusters:

There are 3 clusters represented in this pham: FQ, FR, F2,

Gene Information:

Gene: AnnabelLee_6 Start: 4338, Stop: 4859, Start Num: 20
Candidate Starts for AnnabelLee_6:
(2, 4173), (20, 4338), (22, 4374), (35, 4650), (38, 4701), (40, 4779),

Gene: Audell_9 Start: 7732, Stop: 8295, Start Num: 20
Candidate Starts for Audell_9:
(2, 7567), (20, 7732), (22, 7768), (23, 7774), (28, 7903), (29, 7912), (43, 8245),

Gene: Neuvillette_6 Start: 4338, Stop: 4859, Start Num: 20
Candidate Starts for Neuvillette_6:
(2, 4173), (20, 4338), (22, 4374), (35, 4650), (38, 4701), (40, 4779),

Gene: SilverChicken_5 Start: 3735, Stop: 4229, Start Num: 21
Candidate Starts for SilverChicken_5:
(1, 3570), (3, 3585), (6, 3618), (13, 3660), (15, 3675), (16, 3687), (17, 3696), (19, 3711), (21, 3735), (24, 3783), (26, 3864), (27, 3885), (29, 3906), (33, 3996), (35, 4035), (37, 4056), (39, 4137), (40, 4143), (42, 4197),

Gene: Skitty_5 Start: 3413, Stop: 3907, Start Num: 25
Candidate Starts for Skitty_5:
(1, 3158), (4, 3176), (5, 3185), (7, 3209), (8, 3215), (9, 3230), (10, 3239), (11, 3251), (12, 3257), (14, 3272), (18, 3299), (19, 3311), (25, 3413), (30, 3512), (31, 3524), (32, 3548), (36, 3635), (41, 3788), (44, 3893),

Gene: TMaxx_6 Start: 4276, Stop: 4839, Start Num: 20
Candidate Starts for TMaxx_6:
(2, 4111), (20, 4276), (22, 4312), (28, 4447), (34, 4585), (43, 4789),