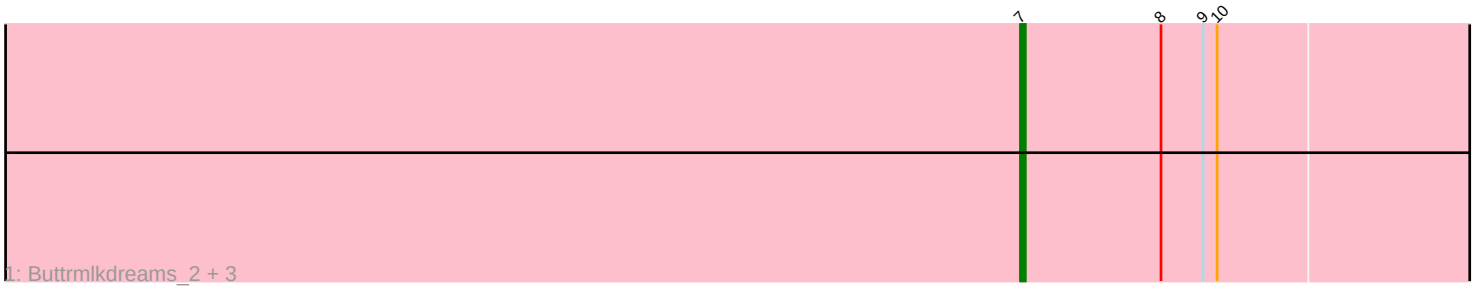
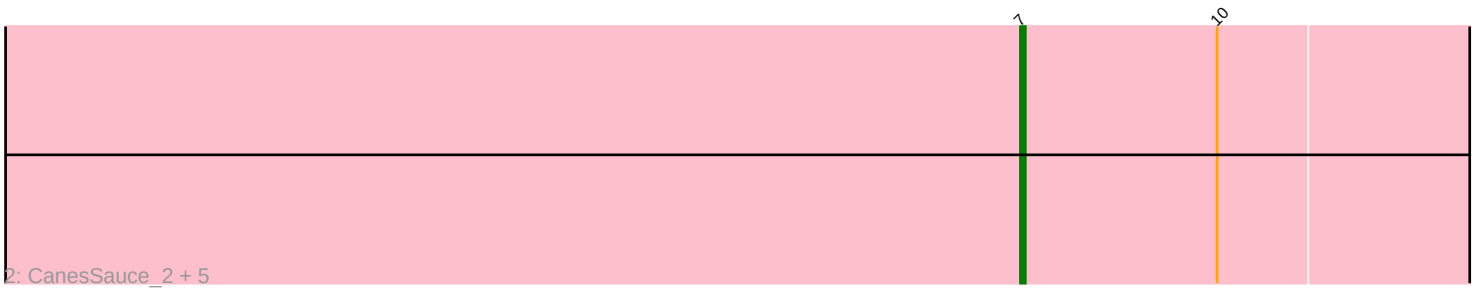
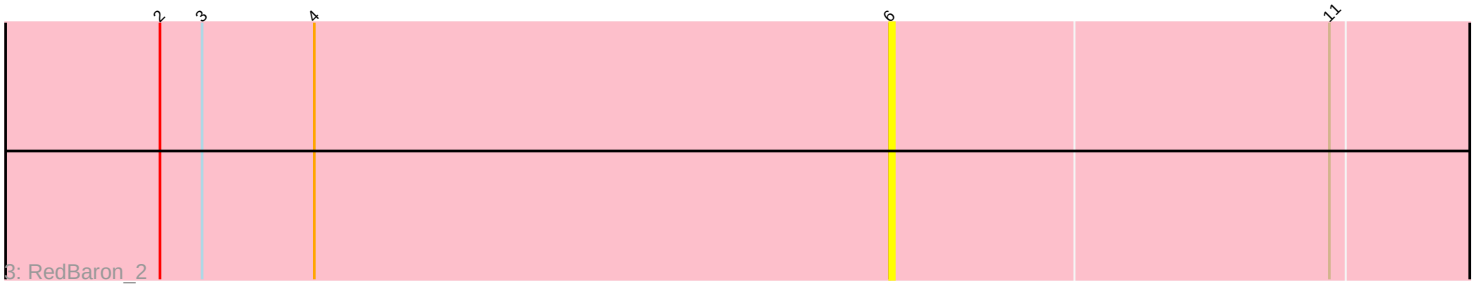
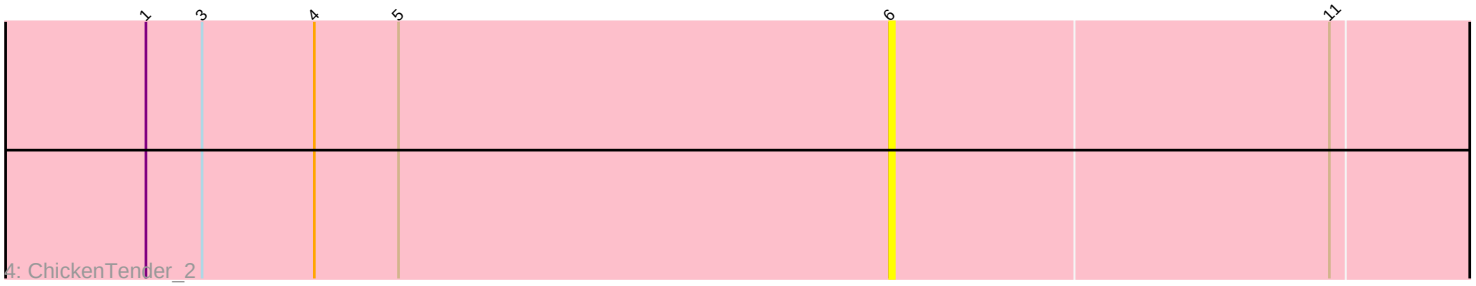
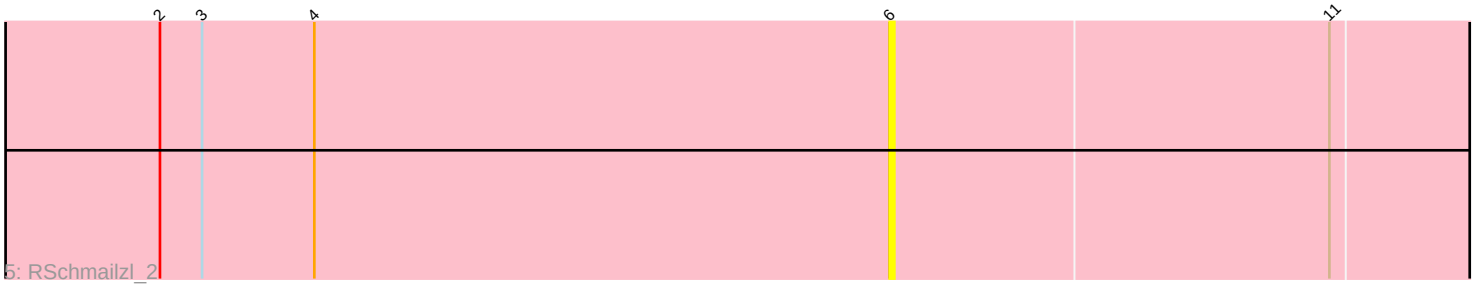
Pham 297098


7
8
9
10
1: Buttrmlkdreams_2 + 3


7
10
2: CanesSauce_2 + 5


2
3
4
6
11
3: RedBaron_2


1
3
4
5
6
11
4: ChickenTender_2


2
3
4
6
11
5: RSchmailzl_2

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 297098 Report

This analysis was run 04/25/26 on database version 644.

Pham number 297098 has 13 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Buttrmlkdreams_2, Biskit_2, Blondies_2, MScarn_2
• Track 2 : CanesSauce_2, SteamedHams_2, Tolls_2, ChocoMunchkin_2, CaramelLatte_2, BillDoor_2
• Track 3 : RedBaron_2
• Track 4 : ChickenTender_2
• Track 5 : RSchmailzl_2

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

The start number called the most often in the published annotations is 7, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BillDoor_2, Biskit_2, Blondies_2, Buttrmlkdreams_2, CanesSauce_2, CaramelLatte_2, ChocoMunchkin_2, MScarn_2, SteamedHams_2, Tolls_2,

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

Genes that do not have the "Most Annotated" start:
• ChickenTender_2, RSchmailzl_2, RedBaron_2,

Summary by start number:

Start 6:
• Found in 3 of 13 (23.1%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ChickenTender_2 (CT), RSchmailzl_2 (CT), RedBaron_2 (CT),

Start 7:
• Found in 10 of 13 (76.9%) of genes in pham
• Manual Annotations of this start: 7 of 7

• Called 100.0% of time when present
• Phage (with cluster) where this start called: BillDoor_2 (CT), Biskit_2 (CT), Blondies_2 (CT), Buttrmlkdreams_2 (CT), CanesSauce_2 (CT), CaramelLatte_2 (CT), ChocoMunchkin_2 (CT), MScarn_2 (CT), SteamedHams_2 (CT), Tolls_2 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:
•Start number 7 was manually annotated 7 times for cluster CT.

Gene Information:

Gene: BillDoor_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for BillDoor_2:
(Start: 7 @532 has 7 MA's), (10, 574),

Gene: Biskit_2 Start: 531, Stop: 638, Start Num: 7
Candidate Starts for Biskit_2:
(Start: 7 @531 has 7 MA's), (8, 561), (9, 570), (10, 573),

Gene: Blondies_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for Blondies_2:
(Start: 7 @532 has 7 MA's), (8, 562), (9, 571), (10, 574),

Gene: Buttrmlkdreams_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for Buttrmlkdreams_2:
(Start: 7 @532 has 7 MA's), (8, 562), (9, 571), (10, 574),

Gene: CanesSauce_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for CanesSauce_2:
(Start: 7 @532 has 7 MA's), (10, 574),

Gene: CaramelLatte_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for CaramelLatte_2:
(Start: 7 @532 has 7 MA's), (10, 574),

Gene: ChickenTender_2 Start: 533, Stop: 667, Start Num: 6
Candidate Starts for ChickenTender_2:
(1, 374), (3, 386), (4, 410), (5, 428), (6, 533), (11, 626),

Gene: ChocoMunchkin_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for ChocoMunchkin_2:
(Start: 7 @532 has 7 MA's), (10, 574),

Gene: MScarn_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for MScarn_2:
(Start: 7 @532 has 7 MA's), (8, 562), (9, 571), (10, 574),

Gene: RSchmailzl_2 Start: 533, Stop: 667, Start Num: 6

Candidate Starts for RSchmailzl_2:
(2, 377), (3, 386), (4, 410), (6, 533), (11, 626),

Gene: RedBaron_2 Start: 533, Stop: 667, Start Num: 6
Candidate Starts for RedBaron_2:
(2, 377), (3, 386), (4, 410), (6, 533), (11, 626),

Gene: SteamedHams_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for SteamedHams_2:
(Start: 7 @532 has 7 MA's), (10, 574),

Gene: Tolls_2 Start: 532, Stop: 639, Start Num: 7
Candidate Starts for Tolls_2:
(Start: 7 @532 has 7 MA's), (10, 574),