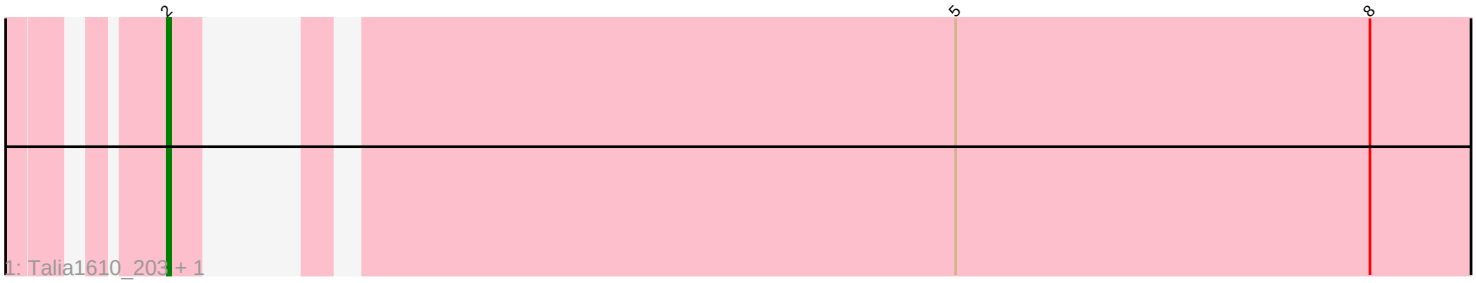
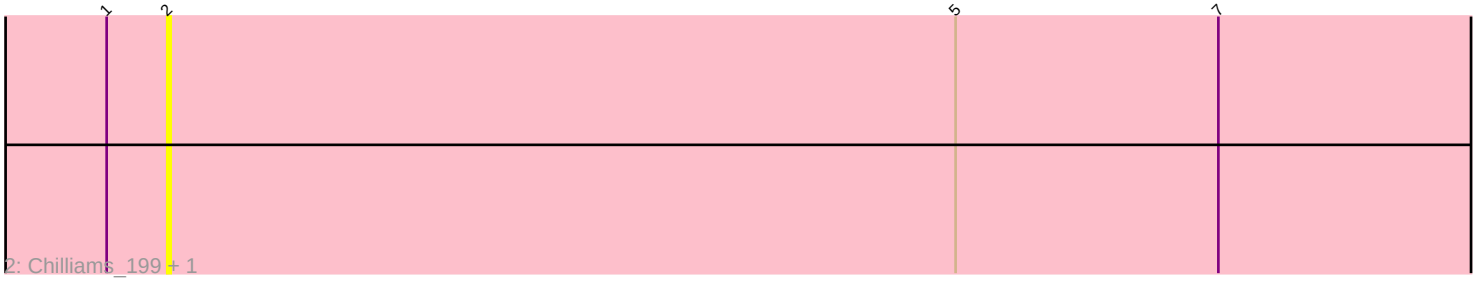
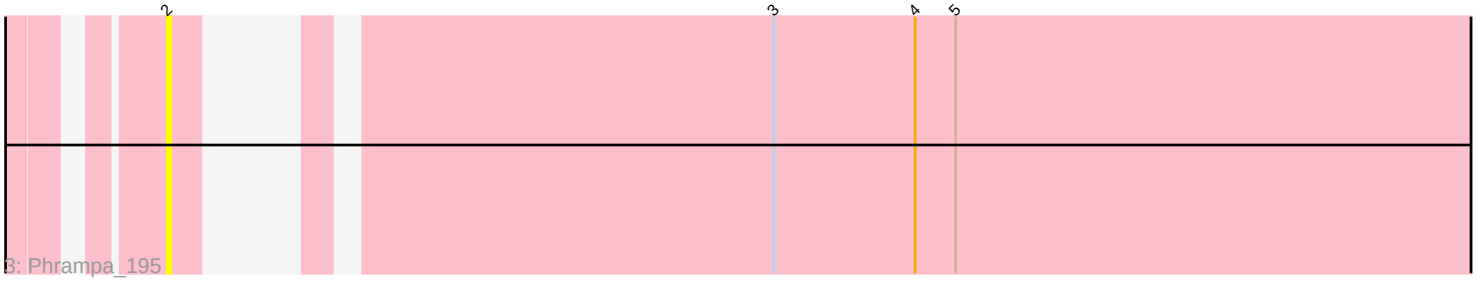
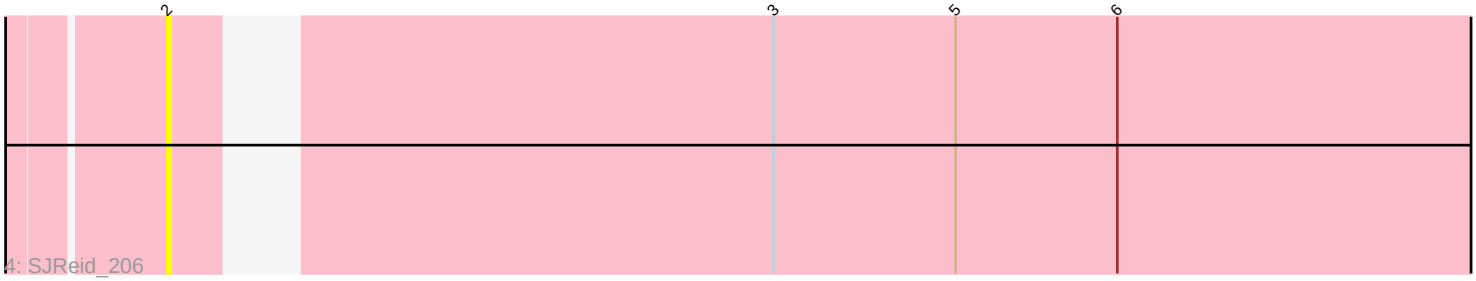
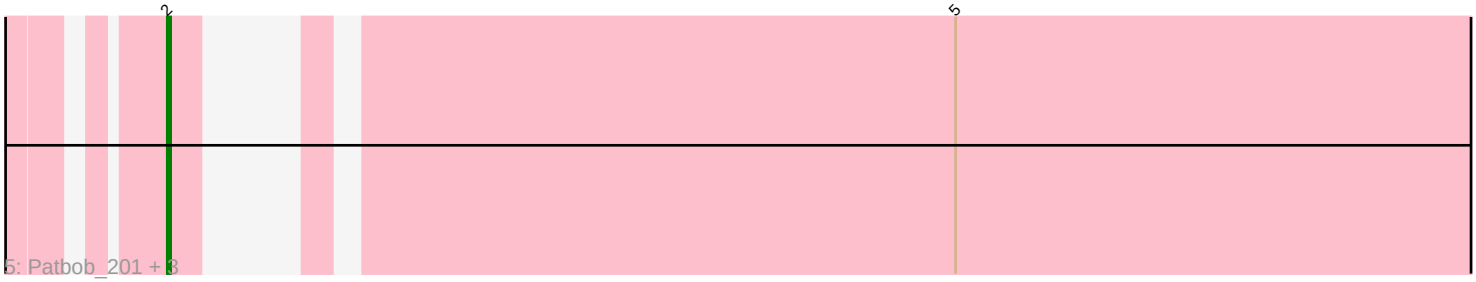
Pham 203551


2
5
8
1: Talia1610_203 + 1


1
2
5
7
2: Chilliams_199 + 1


2
3
4
5
3: Phrampa_195


2
3
5
6
4: SJReid_206


2
5
5: Patbob_201 + 3

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 203551 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203551 has 10 members, 8 are drafts.

Phages represented in each track:
• Track 1 : Talia1610_203, Mimi_207
• Track 2 : Chilliams_199, Rockabye_204
• Track 3 : Phrampa_195
• Track 4 : SJReid_206
• Track 5 : Patbob_201, Bloom_205, Racecar_202, GoldenEssence_190

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

The start number called the most often in the published annotations is 2, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bloom_205, Chilliams_199, GoldenEssence_190, Mimi_207, Patbob_201, Phrampa_195, Racecar_202, Rockabye_204, SJReid_206, Talia1610_203,

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 2:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bloom_205 (FC), Chilliams_199 (FC), GoldenEssence_190 (FC), Mimi_207 (FC), Patbob_201 (FC), Phrampa_195 (FC), Racecar_202 (FC), Rockabye_204 (FC), SJReid_206 (FC), Talia1610_203 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Info for manual annotations of cluster FC:
•Start number 2 was manually annotated 2 times for cluster FC.

Gene Information:

Gene: Bloom_205 Start: 140654, Stop: 141028, Start Num: 2
Candidate Starts for Bloom_205:
(Start: 2 @140654 has 2 MA's), (5, 140849),

Gene: Chilliams_199 Start: 136288, Stop: 136713, Start Num: 2
Candidate Starts for Chilliams_199:
(1, 136270), (Start: 2 @136288 has 2 MA's), (5, 136522), (7, 136600),

Gene: GoldenEssence_190 Start: 134916, Stop: 135290, Start Num: 2
Candidate Starts for GoldenEssence_190:
(Start: 2 @134916 has 2 MA's), (5, 135111),

Gene: Mimi_207 Start: 140325, Stop: 140699, Start Num: 2
Candidate Starts for Mimi_207:
(Start: 2 @140325 has 2 MA's), (5, 140520), (8, 140643),

Gene: Patbob_201 Start: 140712, Stop: 141086, Start Num: 2
Candidate Starts for Patbob_201:
(Start: 2 @140712 has 2 MA's), (5, 140907),

Gene: Phrampa_195 Start: 140082, Stop: 140474, Start Num: 2
Candidate Starts for Phrampa_195:
(Start: 2 @140082 has 2 MA's), (3, 140223), (4, 140265), (5, 140277),

Gene: Racecar_202 Start: 140437, Stop: 140811, Start Num: 2
Candidate Starts for Racecar_202:
(Start: 2 @140437 has 2 MA's), (5, 140632),

Gene: Rockabye_204 Start: 135070, Stop: 135495, Start Num: 2
Candidate Starts for Rockabye_204:
(1, 135052), (Start: 2 @135070 has 2 MA's), (5, 135304), (7, 135382),

Gene: SJReid_206 Start: 133855, Stop: 134265, Start Num: 2
Candidate Starts for SJReid_206:
(Start: 2 @133855 has 2 MA's), (3, 134011), (5, 134065), (6, 134113),

Gene: Talia1610_203 Start: 140733, Stop: 141107, Start Num: 2
Candidate Starts for Talia1610_203:
(Start: 2 @140733 has 2 MA's), (5, 140928), (8, 141051),