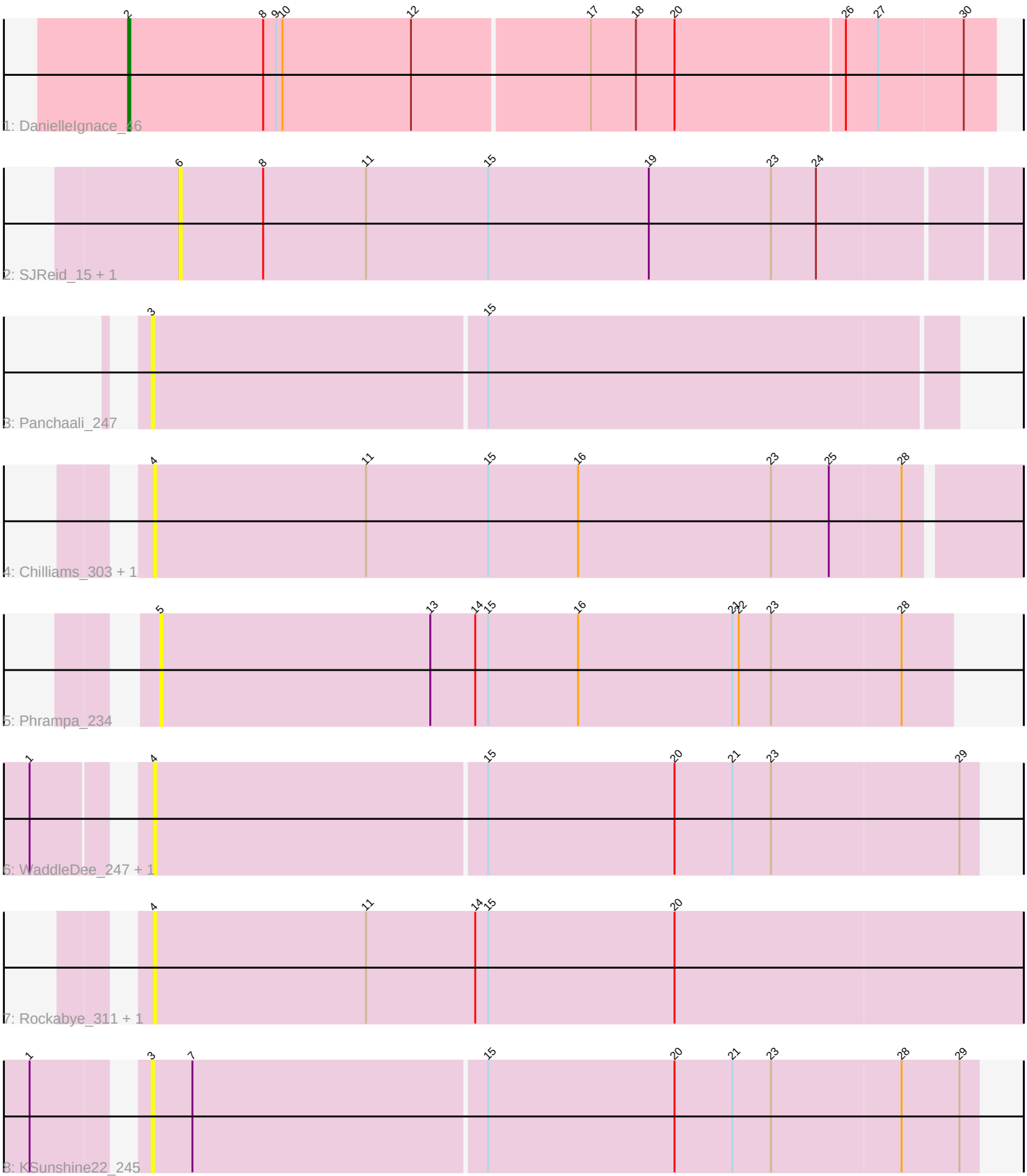
Pham 216719


2
8
9
10
12
17
18
20
26
27
30
1: DanielleIgnace_46
6
8
11
15
19
23
24
2: SJReid_15 + 1
3
15
3: Panchaali_247
4
11
15
16
23
25
28
4: Chilliams_303 + 1
5
13
14
15
16
21
22
23
28
5: Phrampa_234
1
4
15
20
21
23
29
6: WaddleDee_247 + 1
4
11
14
15
20
7: Rockabye_311 + 1
1
3
7
15
20
21
23
28
29
8: KSunshine22_245

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 216719 Report

This analysis was run 02/22/25 on database version 588.

Pham number 216719 has 12 members, 11 are drafts.

Phages represented in each track:
• Track 1 : DanielleIgnace_46
• Track 2 : SJReid_15, SJReid_326
• Track 3 : Panchaali_247
• Track 4 : Chilliams_303, Chilliams_12
• Track 5 : Phrampa_234
• Track 6 : WaddleDee_247, DunneganBoMo_246
• Track 7 : Rockabye_311, Rockabye_12
• Track 8 : KSunshine22_245

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 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DanielleIgnace_46,

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

Genes that do not have the "Most Annotated" start:
• Chilliams_12, Chilliams_303, DunneganBoMo_246, KSunshine22_245, Panchaali_247, Phrampa_234, Rockabye_12, Rockabye_311, SJReid_15, SJReid_326, WaddleDee_247,

Summary by start number:

Start 2:
• Found in 1 of 12 (8.3%) of genes in pham
• Manual Annotations of this start: 1 of 1
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DanielleIgnace_46 (AT),

Start 3:

• Found in 2 of 12 (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: KSunshine22_245 (FC), Panchaali_247 (FC),

Start 4:
• Found in 6 of 12 (50.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Chilliams_12 (FC), Chilliams_303 (FC), DunneganBoMo_246 (FC), Rockabye_12 (FC), Rockabye_311 (FC), WaddleDee_247 (FC),

Start 5:
• Found in 1 of 12 (8.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Phrampa_234 (FC),

Start 6:
• Found in 2 of 12 (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: SJReid_15 (FC), SJReid_326 (FC),

Summary by clusters:

There are 2 clusters represented in this pham: FC, AT,

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

Gene Information:

Gene: Chilliams_303 Start: 178506, Stop: 178904, Start Num: 4
Candidate Starts for Chilliams_303:
(4, 178506), (11, 178605), (15, 178662), (16, 178704), (23, 178794), (25, 178821), (28, 178854),

Gene: Chilliams_12 Start: 5772, Stop: 6170, Start Num: 4
Candidate Starts for Chilliams_12:
(4, 5772), (11, 5871), (15, 5928), (16, 5970), (23, 6060), (25, 6087), (28, 6120),

Gene: DanielleIgnace_46 Start: 33504, Stop: 33902, Start Num: 2
Candidate Starts for DanielleIgnace_46:
(Start: 2 @33504 has 1 MA's), (8, 33567), (9, 33573), (10, 33576), (12, 33636), (17, 33717), (18, 33738), (20, 33756), (26, 33834), (27, 33849), (30, 33888),

Gene: DunneganBoMo_246 Start: 159767, Stop: 160147, Start Num: 4
Candidate Starts for DunneganBoMo_246:

(1, 159725), (4, 159767), (15, 159920), (20, 160007), (21, 160034), (23, 160052), (29, 160139),

Gene: KSunshine22_245 Start: 159166, Stop: 159546, Start Num: 3
Candidate Starts for KSunshine22_245:
(1, 159124), (3, 159166), (7, 159184), (15, 159319), (20, 159406), (21, 159433), (23, 159451), (28, 159511), (29, 159538),

Gene: Panchaali_247 Start: 158660, Stop: 159028, Start Num: 3
Candidate Starts for Panchaali_247:
(3, 158660), (15, 158813),

Gene: Phrampa_234 Start: 157405, Stop: 157773, Start Num: 5
Candidate Starts for Phrampa_234:
(5, 157405), (13, 157531), (14, 157552), (15, 157558), (16, 157600), (21, 157672), (22, 157675), (23, 157690), (28, 157750),

Gene: Rockabye_311 Start: 178830, Stop: 179234, Start Num: 4
Candidate Starts for Rockabye_311:
(4, 178830), (11, 178929), (14, 178980), (15, 178986), (20, 179073),

Gene: Rockabye_12 Start: 6217, Stop: 6621, Start Num: 4
Candidate Starts for Rockabye_12:
(4, 6217), (11, 6316), (14, 6367), (15, 6373), (20, 6460),

Gene: SJReid_15 Start: 6594, Stop: 6980, Start Num: 6
Candidate Starts for SJReid_15:
(6, 6594), (8, 6633), (11, 6681), (15, 6738), (19, 6813), (23, 6870), (24, 6891),

Gene: SJReid_326 Start: 179433, Stop: 179819, Start Num: 6
Candidate Starts for SJReid_326:
(6, 179433), (8, 179472), (11, 179520), (15, 179577), (19, 179652), (23, 179709), (24, 179730),

Gene: WaddleDee_247 Start: 159300, Stop: 159680, Start Num: 4
Candidate Starts for WaddleDee_247:
(1, 159258), (4, 159300), (15, 159453), (20, 159540), (21, 159567), (23, 159585), (29, 159672),