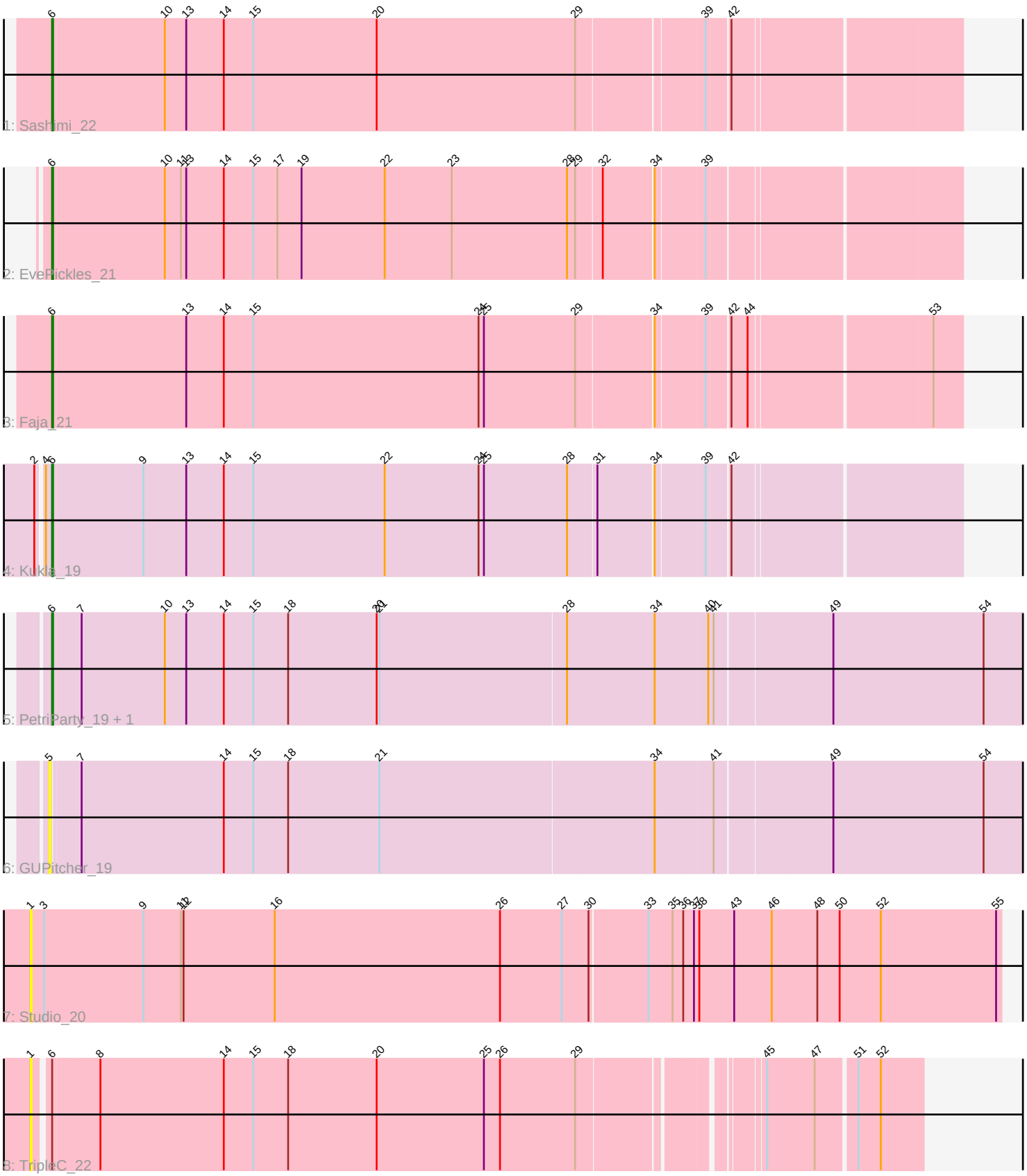
Pham 284443


1: Sashimi_22
2: EvePickles_21
3: Faja_21
4: Kukia_19
5: PetriParty_19 + 1
6: GUPitcher_19
7: Studio_20
8: TripleC_22

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 284443 Report

This analysis was run 02/23/26 on database version 636.

Pham number 284443 has 9 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Sashimi_22
• Track 2 : EvePickles_21
• Track 3 : Faja_21
• Track 4 : Kukla_19
• Track 5 : PetriParty_19, TripleJ_20
• Track 6 : GUPitcher_19
• Track 7 : Studio_20
• Track 8 : TripleC_22

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

The start number called the most often in the published annotations is 6, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• EvePickles_21, Faja_21, Kukla_19, PetriParty_19, Sashimi_22, TripleJ_20,

Genes that have the "Most Annotated" start but do not call it:
• TripleC_22,

Genes that do not have the "Most Annotated" start:
• GUPitcher_19, Studio_20,

Summary by start number:

Start 1:
• Found in 2 of 9 (22.2%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Studio_20 (FR), TripleC_22 (FR),

Start 5:
• Found in 1 of 9 (11.1%) of genes in pham
• No Manual Annotations of this start.

• Called 100.0% of time when present
• Phage (with cluster) where this start called: GUPitcher_19 (FJ),

Start 6:
• Found in 7 of 9 (77.8%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 85.7% of time when present
• Phage (with cluster) where this start called: EvePickles_21 (AY), Faja_21 (AY), Kukla_19 (FJ), PetriParty_19 (FJ), Sashimi_22 (AY), TripleJ_20 (FJ),

Summary by clusters:

There are 3 clusters represented in this pham: AY, FJ, FR,

Info for manual annotations of cluster AY:
•Start number 6 was manually annotated 3 times for cluster AY.

Info for manual annotations of cluster FJ:
•Start number 6 was manually annotated 2 times for cluster FJ.

Gene Information:

Gene: EvePickles_21 Start: 16081, Stop: 17058, Start Num: 6
Candidate Starts for EvePickles_21:
(Start: 6 @16081 has 5 MA's), (10, 16204), (11, 16222), (13, 16228), (14, 16270), (15, 16303), (17, 16330), (19, 16357), (22, 16450), (23, 16525), (28, 16654), (29, 16663), (32, 16690), (34, 16744), (39, 16795),

Gene: Faja_21 Start: 15977, Stop: 16954, Start Num: 6
Candidate Starts for Faja_21:
(Start: 6 @15977 has 5 MA's), (13, 16124), (14, 16166), (15, 16199), (24, 16451), (25, 16457), (29, 16559), (34, 16640), (39, 16691), (42, 16712), (44, 16730), (53, 16922),

Gene: GUPitcher_19 Start: 15725, Stop: 16819, Start Num: 5
Candidate Starts for GUPitcher_19:
(5, 15725), (7, 15755), (14, 15914), (15, 15947), (18, 15986), (21, 16088), (34, 16391), (41, 16454), (49, 16580), (54, 16748),

Gene: Kukla_19 Start: 15456, Stop: 16433, Start Num: 6
Candidate Starts for Kukla_19:
(2, 15444), (4, 15450), (Start: 6 @15456 has 5 MA's), (9, 15555), (13, 15603), (14, 15645), (15, 15678), (22, 15825), (24, 15930), (25, 15936), (28, 16029), (31, 16059), (34, 16119), (39, 16170), (42, 16191),

Gene: PetriParty_19 Start: 16361, Stop: 17455, Start Num: 6
Candidate Starts for PetriParty_19:
(Start: 6 @16361 has 5 MA's), (7, 16391), (10, 16484), (13, 16508), (14, 16550), (15, 16583), (18, 16622), (20, 16721), (21, 16724), (28, 16931), (34, 17027), (40, 17084), (41, 17090), (49, 17216), (54, 17384),

Gene: Sashimi_22 Start: 16083, Stop: 17060, Start Num: 6

Candidate Starts for Sashimi_22:
(Start: 6 @16083 has 5 MA's), (10, 16206), (13, 16230), (14, 16272), (15, 16305), (20, 16443), (29, 16665), (39, 16797), (42, 16818),

Gene: Studio_20 Start: 12565, Stop: 13644, Start Num: 1
Candidate Starts for Studio_20:
(1, 12565), (3, 12580), (9, 12691), (11, 12733), (12, 12736), (16, 12838), (26, 13090), (27, 13159), (30, 13189), (33, 13252), (35, 13279), (36, 13291), (37, 13303), (38, 13309), (43, 13348), (46, 13390), (48, 13441), (50, 13465), (52, 13510), (55, 13639),

Gene: TripleC_22 Start: 16158, Stop: 17096, Start Num: 1
Candidate Starts for TripleC_22:
(1, 16158), (Start: 6 @16173 has 5 MA's), (8, 16224), (14, 16362), (15, 16395), (18, 16434), (20, 16533), (25, 16653), (26, 16671), (29, 16755), (45, 16932), (47, 16983), (51, 17025), (52, 17049),

Gene: TripleJ_20 Start: 16378, Stop: 17472, Start Num: 6
Candidate Starts for TripleJ_20:
(Start: 6 @16378 has 5 MA's), (7, 16408), (10, 16501), (13, 16525), (14, 16567), (15, 16600), (18, 16639), (20, 16738), (21, 16741), (28, 16948), (34, 17044), (40, 17101), (41, 17107), (49, 17233), (54, 17401),