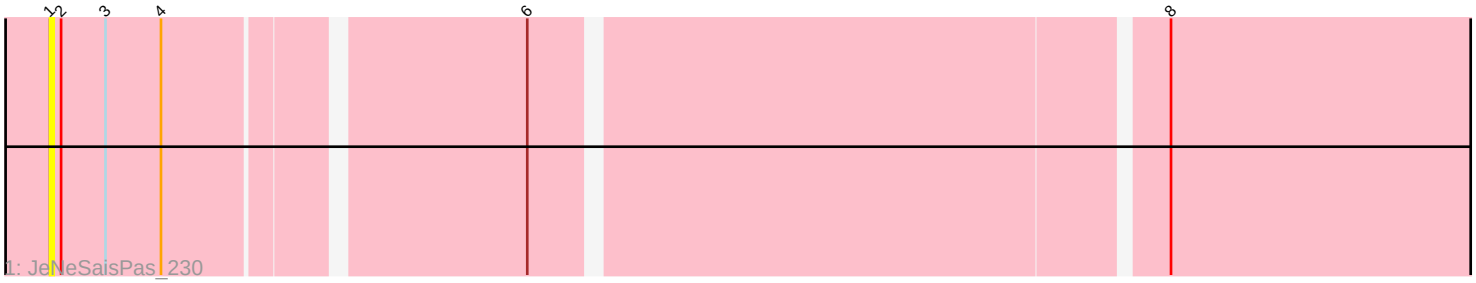
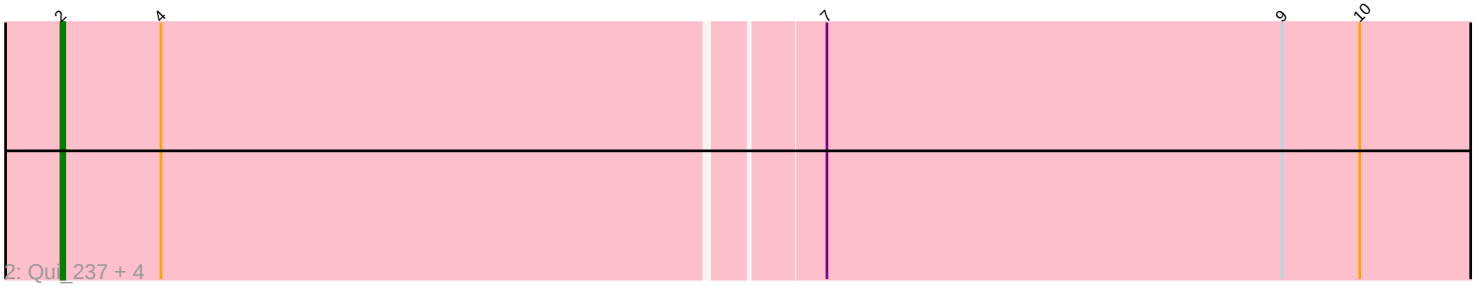
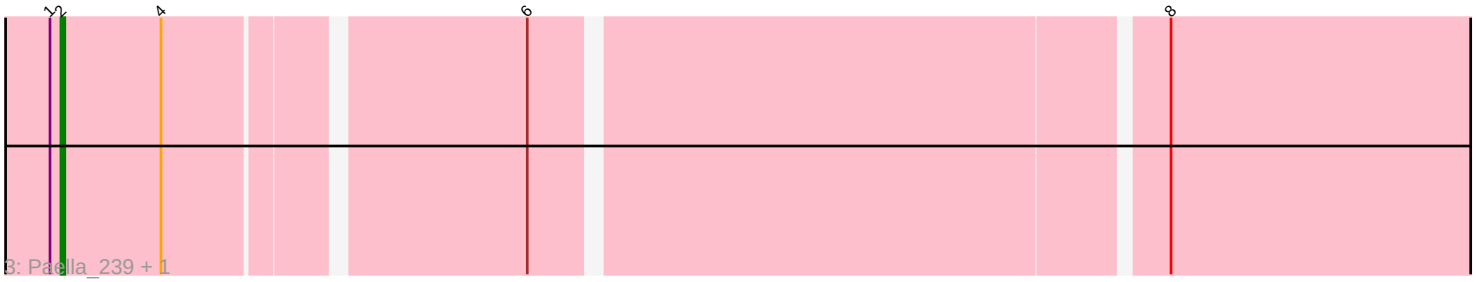
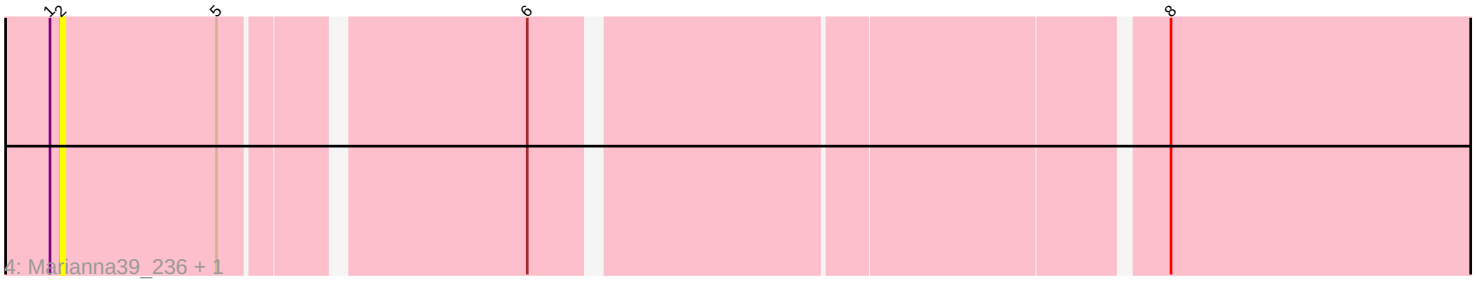
Pham 293301


1
2
3
4
6
8
1: JeNeSaisPas_230


2
4
7
9
10
2: Qui_237 + 4


1
2
4
6
8
3: Paella_239 + 1


1
2
5
6
8
4: Marianna39_236 + 1


1
2
4
6
8
5: Qui_238 + 1

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 293301 Report

This analysis was run 04/18/26 on database version 643.

Pham number 293301 has 12 members, 6 are drafts.

Phages represented in each track:
• Track 1 : JeNeSaisPas_230
• Track 2 : Qui_237, Paella_238, Elver_236, JeNeSaisPas_229, Kureo_233
• Track 3 : Paella_239, Elver_237
• Track 4 : Marianna39_236, Gandionco_236
• Track 5 : Qui_238, Kureo_234

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 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Elver_236, Elver_237, Gandionco_236, JeNeSaisPas_229, Kureo_233, Marianna39_236, Paella_238, Paella_239, Qui_237,

Genes that have the "Most Annotated" start but do not call it:
• JeNeSaisPas_230, Kureo_234, Qui_238,

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

Summary by start number:

Start 1:
• Found in 7 of 12 (58.3%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 42.9% of time when present
• Phage (with cluster) where this start called: JeNeSaisPas_230 (FK), Kureo_234 (FK), Qui_238 (FK),

Start 2:
• Found in 12 of 12 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 6
• Called 75.0% of time when present

• Phage (with cluster) where this start called: Elver_236 (FK), Elver_237 (FK), Gandionco_236 (FK), JeNeSaisPas_229 (FK), Kureo_233 (FK), Marianna39_236 (FK), Paella_238 (FK), Paella_239 (FK), Qui_237 (FK),

Summary by clusters:

There is one cluster represented in this pham: FK

Info for manual annotations of cluster FK:
•Start number 1 was manually annotated 1 time for cluster FK.
•Start number 2 was manually annotated 5 times for cluster FK.

Gene Information:

Gene: Elver_236 Start: 105877, Stop: 106266, Start Num: 2
Candidate Starts for Elver_236:
(Start: 2 @105877 has 5 MA's), (4, 105904), (7, 106078), (9, 106201), (10, 106222),

Gene: Elver_237 Start: 106266, Stop: 106631, Start Num: 2
Candidate Starts for Elver_237:
(Start: 1 @106263 has 1 MA's), (Start: 2 @106266 has 5 MA's), (4, 106293), (6, 106383), (8, 106545),

Gene: Gandionco_236 Start: 105627, Stop: 105989, Start Num: 2
Candidate Starts for Gandionco_236:
(Start: 1 @105624 has 1 MA's), (Start: 2 @105627 has 5 MA's), (5, 105669), (6, 105744), (8, 105903),

Gene: JeNeSaisPas_230 Start: 106020, Stop: 106388, Start Num: 1
Candidate Starts for JeNeSaisPas_230:
(Start: 1 @106020 has 1 MA's), (Start: 2 @106023 has 5 MA's), (3, 106035), (4, 106050), (6, 106140), (8, 106302),

Gene: JeNeSaisPas_229 Start: 105634, Stop: 106023, Start Num: 2
Candidate Starts for JeNeSaisPas_229:
(Start: 2 @105634 has 5 MA's), (4, 105661), (7, 105835), (9, 105958), (10, 105979),

Gene: Kureo_233 Start: 104215, Stop: 104604, Start Num: 2
Candidate Starts for Kureo_233:
(Start: 2 @104215 has 5 MA's), (4, 104242), (7, 104416), (9, 104539), (10, 104560),

Gene: Kureo_234 Start: 104601, Stop: 104966, Start Num: 1
Candidate Starts for Kureo_234:
(Start: 1 @104601 has 1 MA's), (Start: 2 @104604 has 5 MA's), (4, 104631), (6, 104721), (8, 104880),

Gene: Marianna39_236 Start: 106230, Stop: 106592, Start Num: 2
Candidate Starts for Marianna39_236:
(Start: 1 @106227 has 1 MA's), (Start: 2 @106230 has 5 MA's), (5, 106272), (6, 106347), (8, 106506),

Gene: Paella_238 Start: 107014, Stop: 107403, Start Num: 2
Candidate Starts for Paella_238:
(Start: 2 @107014 has 5 MA's), (4, 107041), (7, 107215), (9, 107338), (10, 107359),

Gene: Paella_239 Start: 107403, Stop: 107768, Start Num: 2
Candidate Starts for Paella_239:
(Start: 1 @107400 has 1 MA's), (Start: 2 @107403 has 5 MA's), (4, 107430), (6, 107520), (8, 107682),

Gene: Qui_237 Start: 107002, Stop: 107391, Start Num: 2
Candidate Starts for Qui_237:
(Start: 2 @107002 has 5 MA's), (4, 107029), (7, 107203), (9, 107326), (10, 107347),

Gene: Qui_238 Start: 107388, Stop: 107756, Start Num: 1
Candidate Starts for Qui_238:
(Start: 1 @107388 has 1 MA's), (Start: 2 @107391 has 5 MA's), (4, 107418), (6, 107508), (8, 107670),