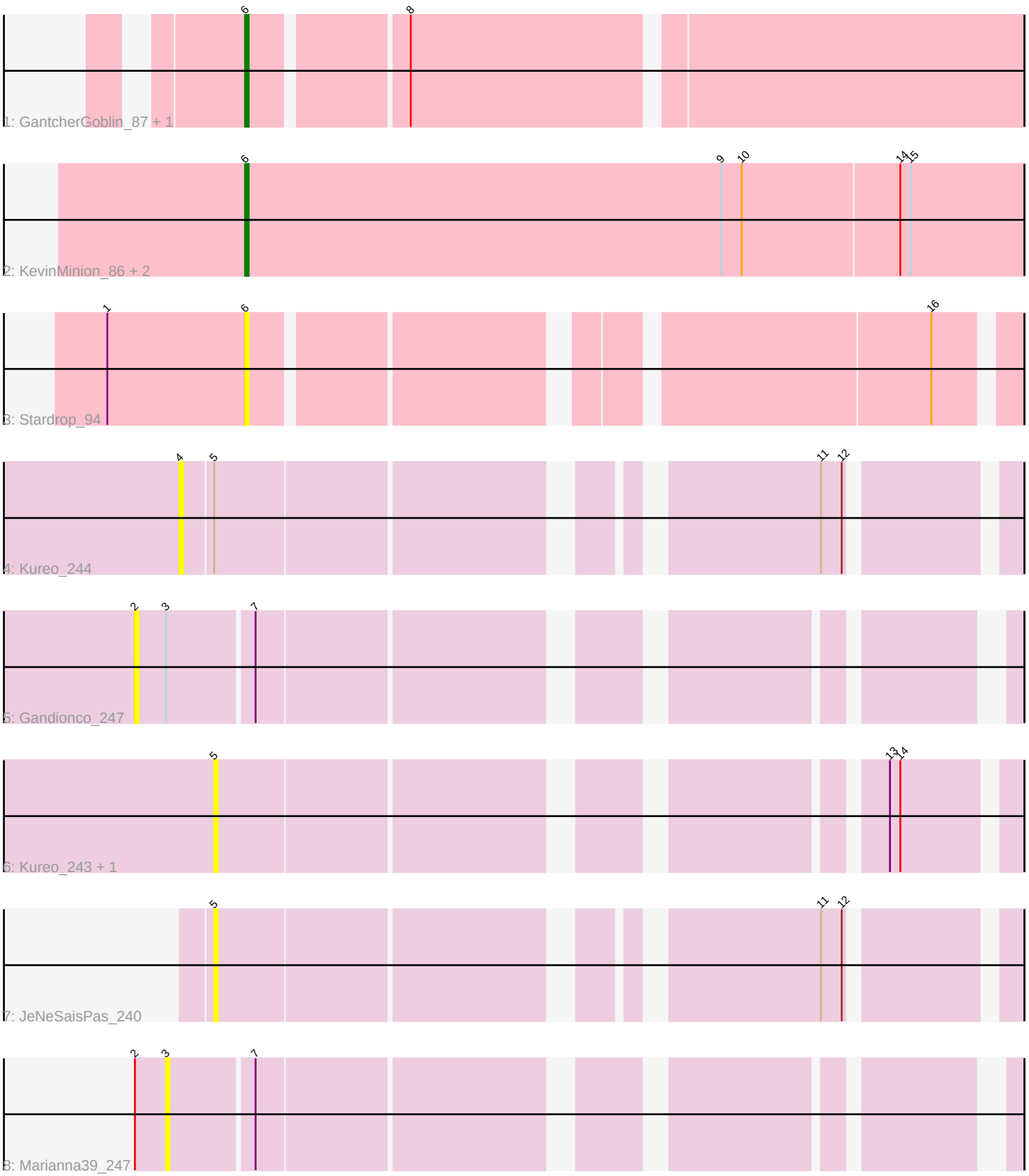
Pham 284343


6
8
1: GantcherGoblin_87 + 1
6
9
10
14
15
2: KevinMinion_86 + 2
1
6
16
3: Stardrop_94
4
5
11
12
4: Kureo_244
2
3
7
5: Gandionco_247
5
13
14
6: Kureo_243 + 1
5
11
12
7: JeNeSaisPas_240
2
3
7
8: Marianna39_247

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 284343 Report

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

Pham number 284343 has 12 members, 7 are drafts.

Phages represented in each track:
• Track 1 : GantcherGoblin_87, Tenney120_89
• Track 2 : KevinMinion_86, Argan_88, Uzumaki_88
• Track 3 : Stardrop_94
• Track 4 : Kureo_244
• Track 5 : Gandionco_247
• Track 6 : Kureo_243, JeNeSaisPas_239
• Track 7 : JeNeSaisPas_240
• Track 8 : Marianna39_247

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:
• Argan_88, GantcherGoblin_87, KevinMinion_86, Stardrop_94, Tenney120_89, Uzumaki_88,

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

Genes that do not have the "Most Annotated" start:
• Gandionco_247, JeNeSaisPas_239, JeNeSaisPas_240, Kureo_243, Kureo_244, Marianna39_247,

Summary by start number:

Start 2:
• Found in 2 of 12 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Gandionco_247 (FK),

Start 3:

• Found in 2 of 12 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Marianna39_247 (FK),

Start 4:
• 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: Kureo_244 (FK),

Start 5:
• Found in 4 of 12 (33.3%) of genes in pham
• No Manual Annotations of this start.
• Called 75.0% of time when present
• Phage (with cluster) where this start called: JeNeSaisPas_239 (FK), JeNeSaisPas_240 (FK), Kureo_243 (FK),

Start 6:
• Found in 6 of 12 (50.0%) of genes in pham
• Manual Annotations of this start: 5 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Argan_88 (AU6), GantcherGoblin_87 (AU6), KevinMinion_86 (AU6), Stardrop_94 (AU6), Tenney120_89 (AU6), Uzumaki_88 (AU6),

Summary by clusters:

There are 2 clusters represented in this pham: FK, AU6,

Info for manual annotations of cluster AU6:
•Start number 6 was manually annotated 5 times for cluster AU6.

Gene Information:

Gene: Argan_88 Start: 50665, Stop: 50889, Start Num: 6
Candidate Starts for Argan_88:
(Start: 6 @50665 has 5 MA's), (9, 50803), (10, 50809), (14, 50854), (15, 50857),

Gene: Gandionco_247 Start: 109197, Stop: 109415, Start Num: 2
Candidate Starts for Gandionco_247:
(2, 109197), (3, 109206), (7, 109230),

Gene: GantcherGoblin_87 Start: 50825, Stop: 51037, Start Num: 6
Candidate Starts for GantcherGoblin_87:
(Start: 6 @50825 has 5 MA's), (8, 50867),

Gene: JeNeSaisPas_240 Start: 109405, Stop: 109605, Start Num: 5
Candidate Starts for JeNeSaisPas_240:
(5, 109405), (11, 109558), (12, 109564),

Gene: JeNeSaisPas_239 Start: 109195, Stop: 109395, Start Num: 5
Candidate Starts for JeNeSaisPas_239:
(5, 109195), (13, 109363), (14, 109366),

Gene: KevinMinion_86 Start: 51657, Stop: 51881, Start Num: 6
Candidate Starts for KevinMinion_86:
(Start: 6 @51657 has 5 MA's), (9, 51795), (10, 51801), (14, 51846), (15, 51849),

Gene: Kureo_244 Start: 107619, Stop: 107828, Start Num: 4
Candidate Starts for Kureo_244:
(4, 107619), (5, 107628), (11, 107781), (12, 107787),

Gene: Kureo_243 Start: 107418, Stop: 107618, Start Num: 5
Candidate Starts for Kureo_243:
(5, 107418), (13, 107586), (14, 107589),

Gene: Marianna39_247 Start: 109809, Stop: 110018, Start Num: 3
Candidate Starts for Marianna39_247:
(2, 109800), (3, 109809), (7, 109833),

Gene: Stardrop_94 Start: 52087, Stop: 52284, Start Num: 6
Candidate Starts for Stardrop_94:
(1, 52048), (Start: 6 @52087 has 5 MA's), (16, 52264),

Gene: Tenney120_89 Start: 51376, Stop: 51588, Start Num: 6
Candidate Starts for Tenney120_89:
(Start: 6 @51376 has 5 MA's), (8, 51418),

Gene: Uzumaki_88 Start: 50799, Stop: 51023, Start Num: 6
Candidate Starts for Uzumaki_88:
(Start: 6 @50799 has 5 MA's), (9, 50937), (10, 50943), (14, 50988), (15, 50991),