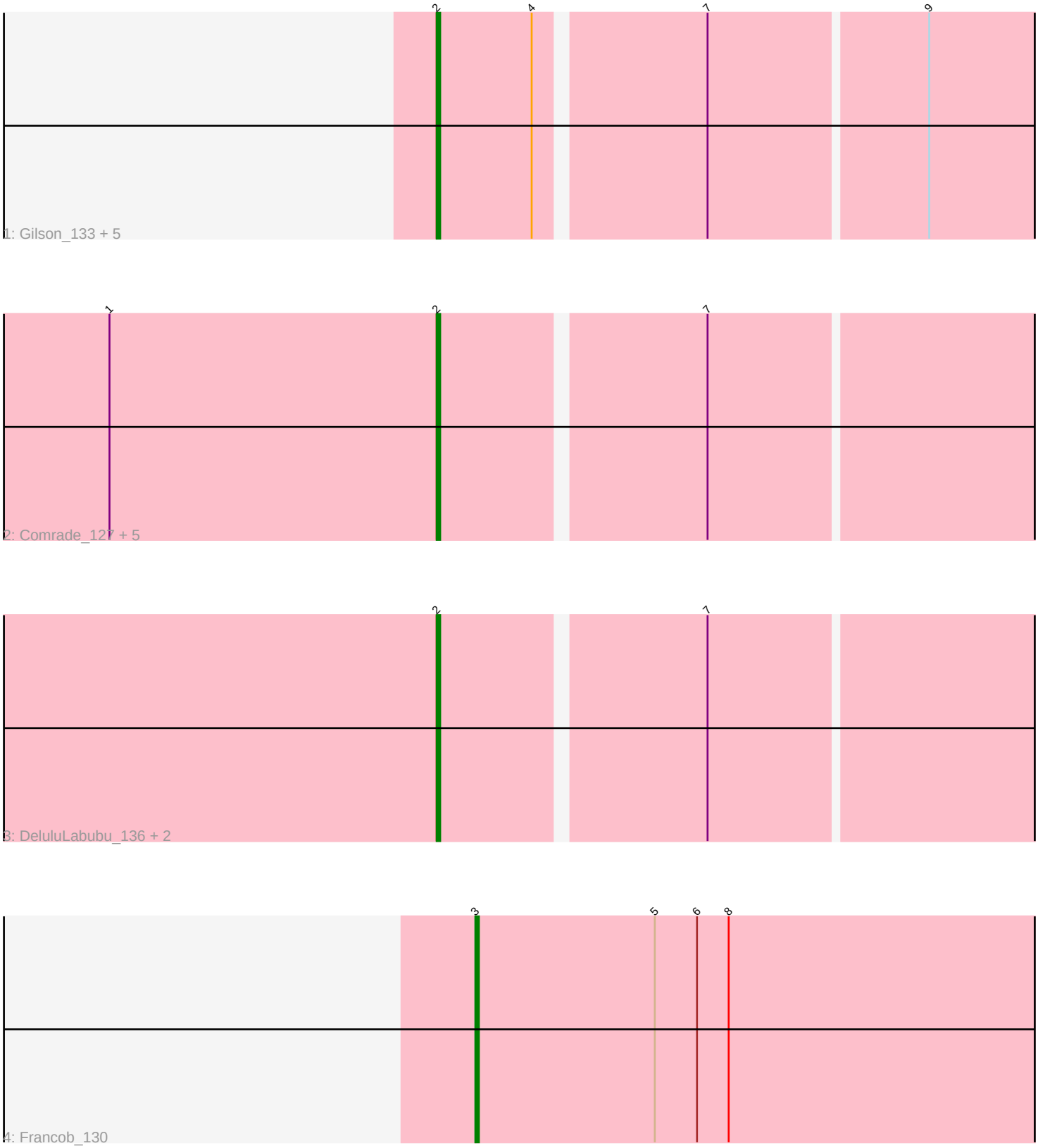
Pham 303743


2
4
7
9
1: Gilson_133 + 5
1
2
7
2: Comrade_127 + 5
2
7
3: DeluluLabubu_136 + 2
3
5
6
8
4: Francob_130

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 303743 Report

This analysis was run 06/12/26 on database version 650.

Pham number 303743 has 16 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Gilson_133, Jada_135, MeganTheeKilla_131, Forrest_139, Maupel_132, Emma1919_133
• Track 2 : Comrade_127, SparkleGoddess_129, Westy_133, Belfort_131, Stigma_129, Karp_127
• Track 3 : DeluluLabubu_136, Phredrick_133, Kenrey_136
• Track 4 : Francob_130

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 14 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Belfort_131, Comrade_127, DeluluLabubu_136, Emma1919_133, Forrest_139, Gilson_133, Jada_135, Karp_127, Kenrey_136, Maupel_132, MeganTheeKilla_131, Phredrick_133, SparkleGoddess_129, Stigma_129, Westy_133,

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

Genes that do not have the "Most Annotated" start:
• Francob_130,

Summary by start number:

Start 2:
• Found in 15 of 16 (93.8%) of genes in pham
• Manual Annotations of this start: 14 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Belfort_131 (BK1), Comrade_127 (BK1), DeluluLabubu_136 (BK1), Emma1919_133 (BK1), Forrest_139 (BK1), Gilson_133 (BK1), Jada_135 (BK1), Karp_127 (BK1), Kenrey_136 (BK1), Maupel_132 (BK1), MeganTheeKilla_131 (BK1), Phredrick_133 (BK1), SparkleGoddess_129 (BK1), Stigma_129 (BK1), Westy_133 (BK1),

Start 3:
• Found in 1 of 16 (6.2%) of genes in pham
• Manual Annotations of this start: 1 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Francob_130 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:
•Start number 2 was manually annotated 14 times for cluster BK1.
•Start number 3 was manually annotated 1 time for cluster BK1.

Gene Information:

Gene: Belfort_131 Start: 77731, Stop: 77907, Start Num: 2
Candidate Starts for Belfort_131:
(1, 77638), (Start: 2 @77731 has 14 MA's), (7, 77803),

Gene: Comrade_127 Start: 77049, Stop: 77225, Start Num: 2
Candidate Starts for Comrade_127:
(1, 76956), (Start: 2 @77049 has 14 MA's), (7, 77121),

Gene: DeluluLabubu_136 Start: 78304, Stop: 78480, Start Num: 2
Candidate Starts for DeluluLabubu_136:
(Start: 2 @78304 has 14 MA's), (7, 78376),

Gene: Emma1919_133 Start: 76636, Stop: 76812, Start Num: 2
Candidate Starts for Emma1919_133:
(Start: 2 @76636 has 14 MA's), (4, 76663), (7, 76708), (9, 76768),

Gene: Forrest_139 Start: 80070, Stop: 80246, Start Num: 2
Candidate Starts for Forrest_139:
(Start: 2 @80070 has 14 MA's), (4, 80097), (7, 80142), (9, 80202),

Gene: Francob_130 Start: 77087, Stop: 77260, Start Num: 3
Candidate Starts for Francob_130:
(Start: 3 @77087 has 1 MA's), (5, 77138), (6, 77150), (8, 77159),

Gene: Gilson_133 Start: 76598, Stop: 76774, Start Num: 2
Candidate Starts for Gilson_133:
(Start: 2 @76598 has 14 MA's), (4, 76625), (7, 76670), (9, 76730),

Gene: Jada_135 Start: 79000, Stop: 79176, Start Num: 2
Candidate Starts for Jada_135:
(Start: 2 @79000 has 14 MA's), (4, 79027), (7, 79072), (9, 79132),

Gene: Karp_127 Start: 77020, Stop: 77196, Start Num: 2
Candidate Starts for Karp_127:

(1, 76927), (Start: 2 @77020 has 14 MA's), (7, 77092),

Gene: Kenrey_136 Start: 78214, Stop: 78390, Start Num: 2
Candidate Starts for Kenrey_136:
(Start: 2 @78214 has 14 MA's), (7, 78286),

Gene: Maupel_132 Start: 76598, Stop: 76774, Start Num: 2
Candidate Starts for Maupel_132:
(Start: 2 @76598 has 14 MA's), (4, 76625), (7, 76670), (9, 76730),

Gene: MeganTheeKilla_131 Start: 76802, Stop: 76978, Start Num: 2
Candidate Starts for MeganTheeKilla_131:
(Start: 2 @76802 has 14 MA's), (4, 76829), (7, 76874), (9, 76934),

Gene: Phredrick_133 Start: 76429, Stop: 76605, Start Num: 2
Candidate Starts for Phredrick_133:
(Start: 2 @76429 has 14 MA's), (7, 76501),

Gene: SparkleGoddess_129 Start: 77349, Stop: 77525, Start Num: 2
Candidate Starts for SparkleGoddess_129:
(1, 77256), (Start: 2 @77349 has 14 MA's), (7, 77421),

Gene: Stigma_129 Start: 77357, Stop: 77533, Start Num: 2
Candidate Starts for Stigma_129:
(1, 77264), (Start: 2 @77357 has 14 MA's), (7, 77429),

Gene: Westy_133 Start: 78384, Stop: 78560, Start Num: 2
Candidate Starts for Westy_133:
(1, 78291), (Start: 2 @78384 has 14 MA's), (7, 78456),