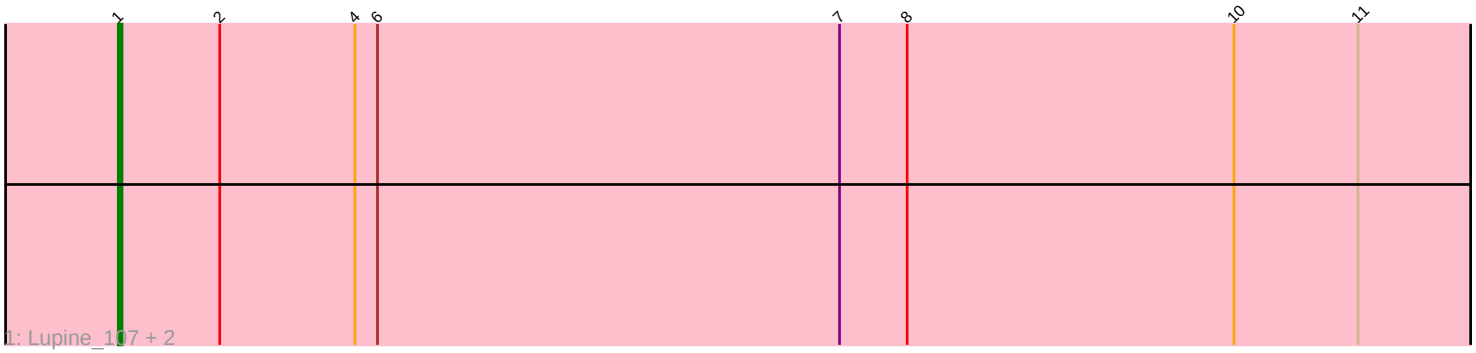
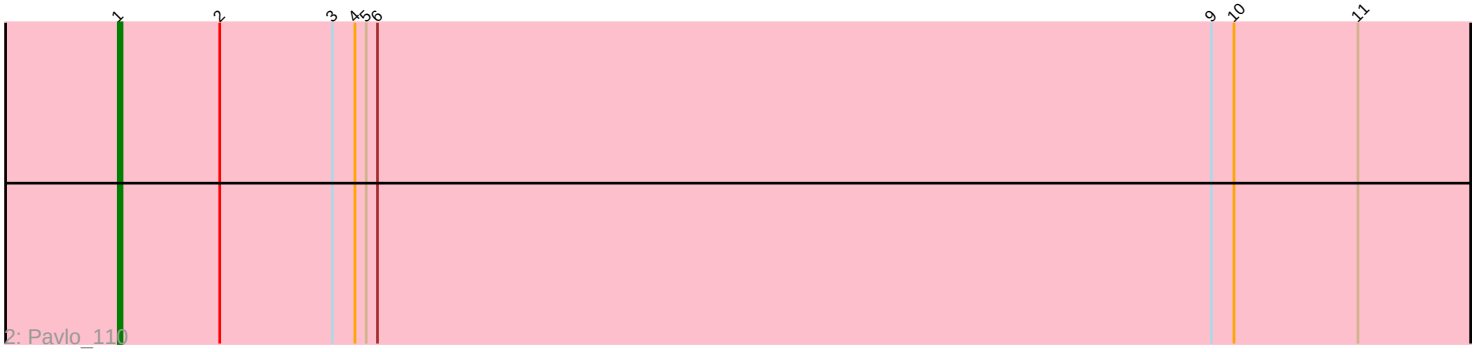
Pham 8399


1
2
4
6
7
8
10
11
1: Lupine_107 + 2


1
2
3
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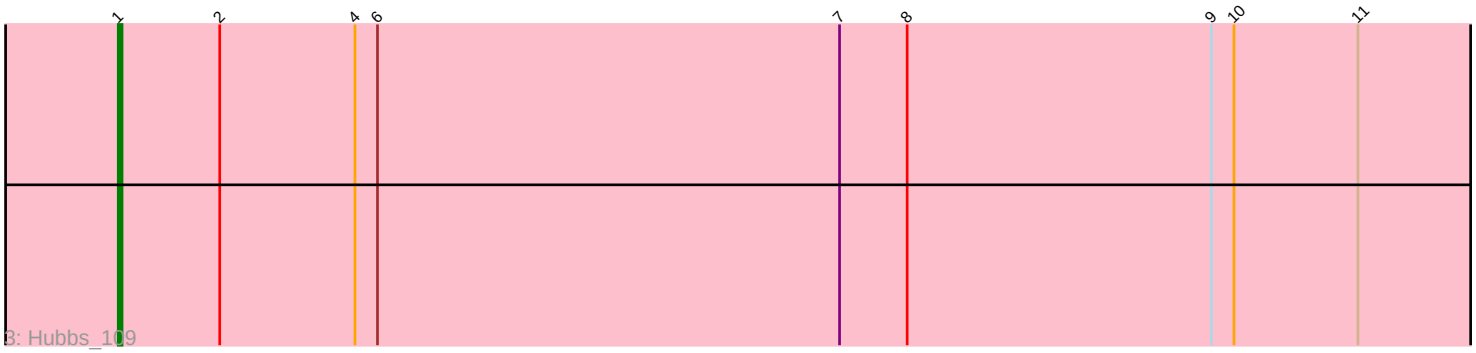
11
2: Pavlo_110


1
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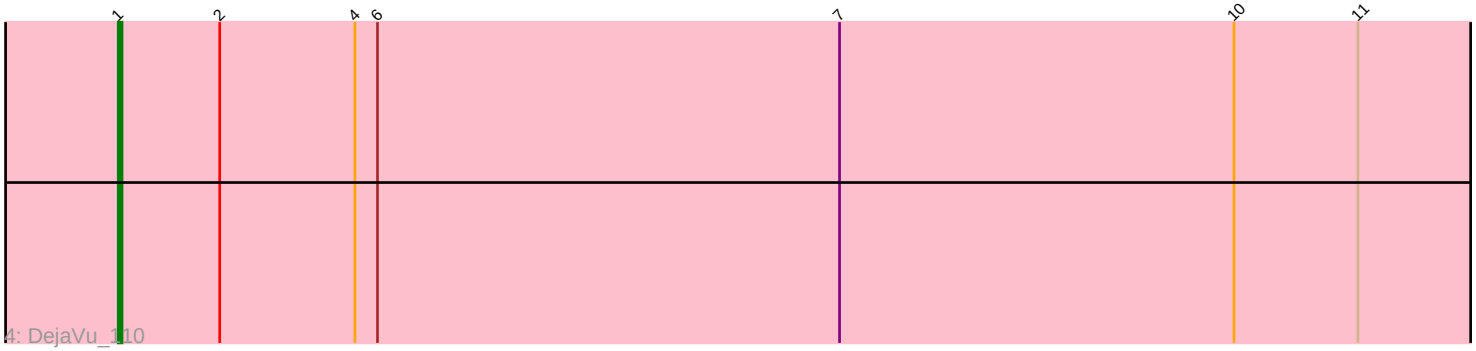
3: Hubbs_109


1
2
4
6
7
10
11
4: DejaVu_110

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 8399 Report

This analysis was run 04/05/24 on database version 557.

Pham number 8399 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Lupine_107, PhillyPhilly_107, Roman_111
• Track 2 : Pavlo_110
• Track 3 : Hubbs_109
• Track 4 : DejaVu_110

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

The start number called the most often in the published annotations is 1, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DejaVu_110, Hubbs_109, Lupine_107, Pavlo_110, PhillyPhilly_107, Roman_111,

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

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

Summary by start number:

Start 1:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DejaVu_110 (ED1), Hubbs_109 (ED1), Lupine_107 (ED1), Pavlo_110 (ED1), PhillyPhilly_107 (ED1), Roman_111 (ED1),

Summary by clusters:

There is one cluster represented in this pham: ED1

Info for manual annotations of cluster ED1:
•Start number 1 was manually annotated 6 times for cluster ED1.

Gene Information:

Gene: DejaVu_110 Start: 58082, Stop: 57609, Start Num: 1
Candidate Starts for DejaVu_110:
(Start: 1 @58082 has 6 MA's), (2, 58055), (4, 58019), (6, 58013), (7, 57890), (10, 57785), (11, 57752),

Gene: Hubbs_109 Start: 58346, Stop: 57873, Start Num: 1
Candidate Starts for Hubbs_109:
(Start: 1 @58346 has 6 MA's), (2, 58319), (4, 58283), (6, 58277), (7, 58154), (8, 58136), (9, 58055), (10, 58049), (11, 58016),

Gene: Lupine_107 Start: 57528, Stop: 57055, Start Num: 1
Candidate Starts for Lupine_107:
(Start: 1 @57528 has 6 MA's), (2, 57501), (4, 57465), (6, 57459), (7, 57336), (8, 57318), (10, 57231), (11, 57198),

Gene: Pavlo_110 Start: 58741, Stop: 58268, Start Num: 1
Candidate Starts for Pavlo_110:
(Start: 1 @58741 has 6 MA's), (2, 58714), (3, 58684), (4, 58678), (5, 58675), (6, 58672), (9, 58450), (10, 58444), (11, 58411),

Gene: PhillyPhilly_107 Start: 57730, Stop: 57257, Start Num: 1
Candidate Starts for PhillyPhilly_107:
(Start: 1 @57730 has 6 MA's), (2, 57703), (4, 57667), (6, 57661), (7, 57538), (8, 57520), (10, 57433), (11, 57400),

Gene: Roman_111 Start: 58790, Stop: 58317, Start Num: 1
Candidate Starts for Roman_111:
(Start: 1 @58790 has 6 MA's), (2, 58763), (4, 58727), (6, 58721), (7, 58598), (8, 58580), (10, 58493), (11, 58460),