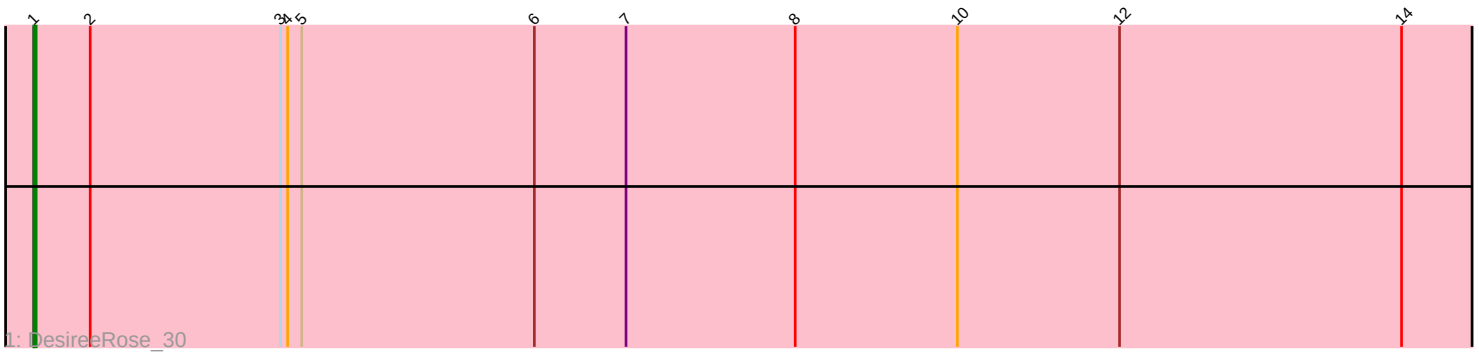
Pham 9944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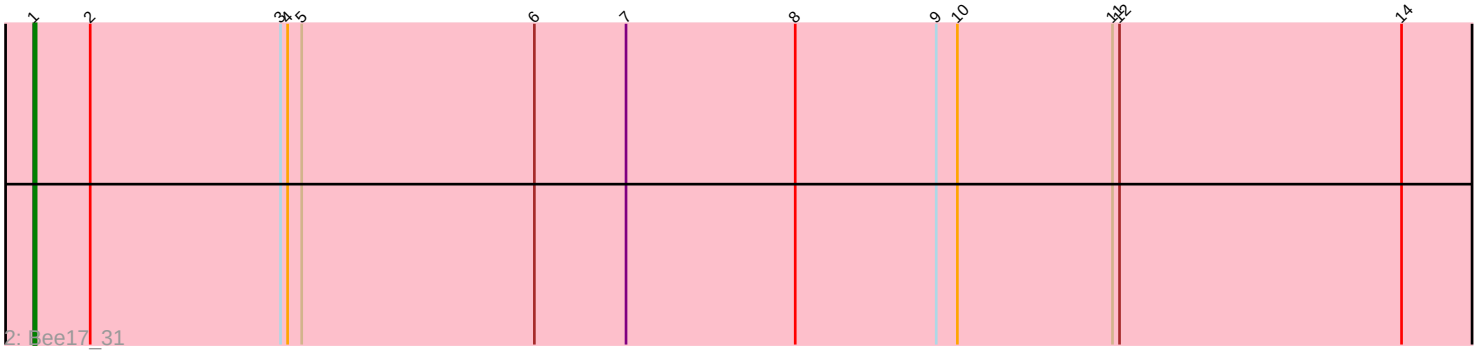
1: DesireeRose_30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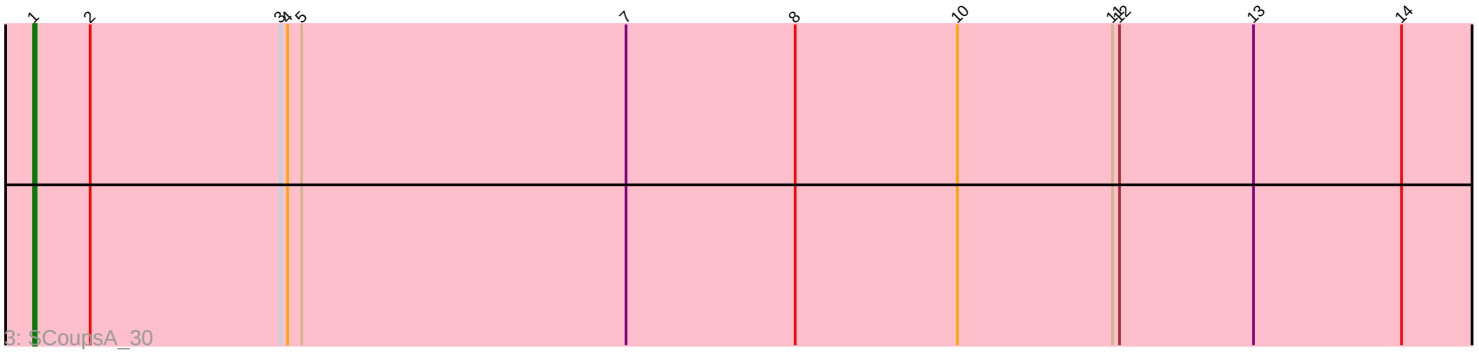
2: Bee17_31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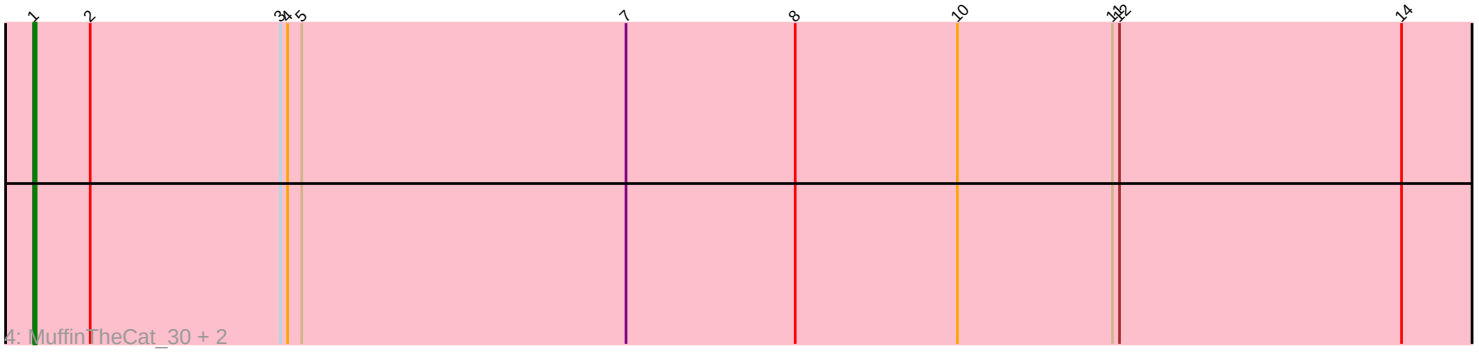
3: SCoupsA_30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4: MuffinTheCat_30 + 2

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 9944 Report

This analysis was run 04/12/24 on database version 558.

Pham number 9944 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : DesireeRose_30
• Track 2 : Bee17_31
• Track 3 : SCoupsA_30
• Track 4 : MuffinTheCat_30, Badulia_30, LuzDeMundo_30

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:
• Badulia_30, Bee17_31, DesireeRose_30, LuzDeMundo_30, MuffinTheCat_30, SCoupsA_30,

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: Badulia_30 (GE), Bee17_31 (GE), DesireeRose_30 (GE), LuzDeMundo_30 (GE), MuffinTheCat_30 (GE), SCoupsA_30 (GE),

Summary by clusters:

There is one cluster represented in this pham: GE

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

Gene Information:

Gene: Badulia_30 Start: 13784, Stop: 14479, Start Num: 1
Candidate Starts for Badulia_30:
(Start: 1 @13784 has 6 MA's), (2, 13808), (3, 13889), (4, 13892), (5, 13898), (7, 14036), (8, 14108), (10, 14177), (11, 14243), (12, 14246), (14, 14366),

Gene: Bee17_31 Start: 13948, Stop: 14643, Start Num: 1
Candidate Starts for Bee17_31:
(Start: 1 @13948 has 6 MA's), (2, 13972), (3, 14053), (4, 14056), (5, 14062), (6, 14161), (7, 14200), (8, 14272), (9, 14332), (10, 14341), (11, 14407), (12, 14410), (14, 14530),

Gene: DesireeRose_30 Start: 13810, Stop: 14505, Start Num: 1
Candidate Starts for DesireeRose_30:
(Start: 1 @13810 has 6 MA's), (2, 13834), (3, 13915), (4, 13918), (5, 13924), (6, 14023), (7, 14062), (8, 14134), (10, 14203), (12, 14272), (14, 14392),

Gene: LuzDeMundo_30 Start: 13770, Stop: 14465, Start Num: 1
Candidate Starts for LuzDeMundo_30:
(Start: 1 @13770 has 6 MA's), (2, 13794), (3, 13875), (4, 13878), (5, 13884), (7, 14022), (8, 14094), (10, 14163), (11, 14229), (12, 14232), (14, 14352),

Gene: MuffinTheCat_30 Start: 13811, Stop: 14506, Start Num: 1
Candidate Starts for MuffinTheCat_30:
(Start: 1 @13811 has 6 MA's), (2, 13835), (3, 13916), (4, 13919), (5, 13925), (7, 14063), (8, 14135), (10, 14204), (11, 14270), (12, 14273), (14, 14393),

Gene: SCoupsA_30 Start: 13784, Stop: 14479, Start Num: 1
Candidate Starts for SCoupsA_30:
(Start: 1 @13784 has 6 MA's), (2, 13808), (3, 13889), (4, 13892), (5, 13898), (7, 14036), (8, 14108), (10, 14177), (11, 14243), (12, 14246), (13, 14303), (14, 14366),