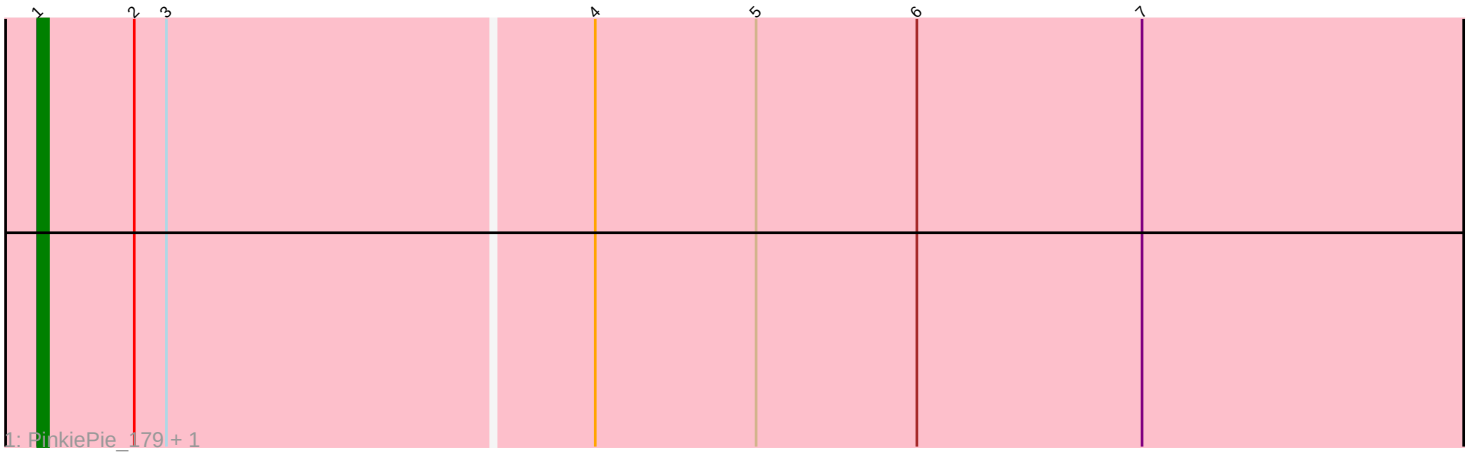
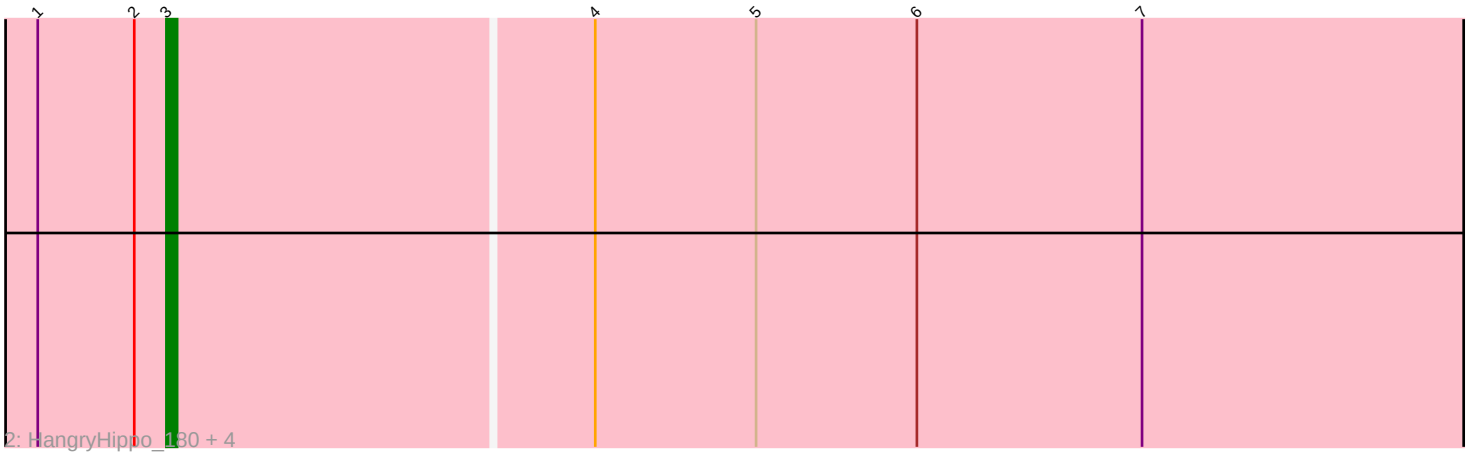
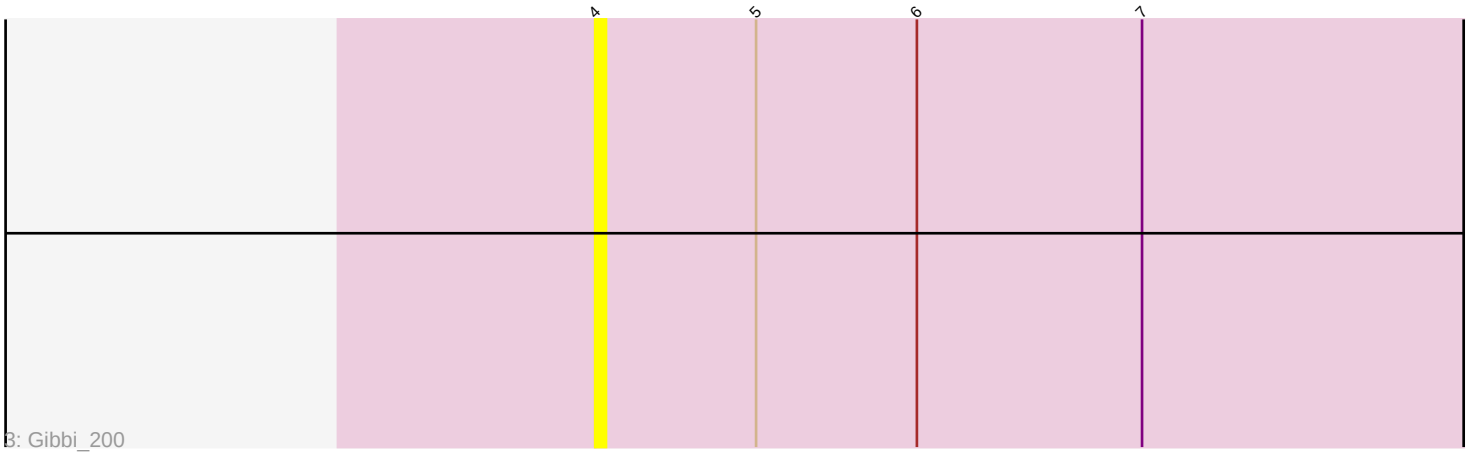
Pham 333503


1
2
3
4
5
6
7
1: PinkiePie_179 + 1


1
2
3
4
5
6
7
2: HangryHippo_180 + 4


4
5
6
7
3: Gibbi_200

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 333503 Report

This analysis was run 11/14/26 on database version 672.

Pham number 333503 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : PinkiePie_179, Squillium_182
• Track 2 : HangryHippo_180, Scheme_184, Larnav_181, BlueOtter_180, Pepperwood_180
• Track 3 : Gibbi_200

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

The start number called the most often in the published annotations is 3, it was called in 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BlueOtter_180, HangryHippo_180, Larnav_181, Pepperwood_180, Scheme_184,

Genes that have the "Most Annotated" start but do not call it:
• PinkiePie_179, Squillium_182,

Genes that do not have the "Most Annotated" start:
• Gibbi_200,

Summary by start number:

Start 1:
• Found in 7 of 8 (87.5%) of genes in pham
• Manual Annotations of this start: 2 of 7
• Called 28.6% of time when present
• Phage (with cluster) where this start called: PinkiePie_179 (BE1), Squillium_182 (BE1),

Start 3:
• Found in 7 of 8 (87.5%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 71.4% of time when present
• Phage (with cluster) where this start called: BlueOtter_180 (BE1), HangryHippo_180 (BE1), Larnav_181 (BE1), Pepperwood_180 (BE1), Scheme_184 (BE1),

Start 4:
• Found in 8 of 8 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Gibbi_200 (BE2),

Summary by clusters:

There are 2 clusters represented in this pham: BE2, BE1,

Info for manual annotations of cluster BE1:
•Start number 1 was manually annotated 2 times for cluster BE1.
•Start number 3 was manually annotated 5 times for cluster BE1.

Gene Information:

Gene: BlueOtter_180 Start: 96911, Stop: 97066, Start Num: 3
Candidate Starts for BlueOtter_180:
(Start: 1 @96899 has 2 MA's), (2, 96908), (Start: 3 @96911 has 5 MA's), (4, 96950), (5, 96965), (6, 96980), (7, 97001),

Gene: Gibbi_200 Start: 97921, Stop: 98043, Start Num: 4
Candidate Starts for Gibbi_200:
(4, 97921), (5, 97936), (6, 97951), (7, 97972),

Gene: HangryHippo_180 Start: 96911, Stop: 97066, Start Num: 3
Candidate Starts for HangryHippo_180:
(Start: 1 @96899 has 2 MA's), (2, 96908), (Start: 3 @96911 has 5 MA's), (4, 96950), (5, 96965), (6, 96980), (7, 97001),

Gene: Larnav_181 Start: 97530, Stop: 97685, Start Num: 3
Candidate Starts for Larnav_181:
(Start: 1 @97518 has 2 MA's), (2, 97527), (Start: 3 @97530 has 5 MA's), (4, 97569), (5, 97584), (6, 97599), (7, 97620),

Gene: Pepperwood_180 Start: 97177, Stop: 97332, Start Num: 3
Candidate Starts for Pepperwood_180:
(Start: 1 @97165 has 2 MA's), (2, 97174), (Start: 3 @97177 has 5 MA's), (4, 97216), (5, 97231), (6, 97246), (7, 97267),

Gene: PinkiePie_179 Start: 96422, Stop: 96589, Start Num: 1
Candidate Starts for PinkiePie_179:
(Start: 1 @96422 has 2 MA's), (2, 96431), (Start: 3 @96434 has 5 MA's), (4, 96473), (5, 96488), (6, 96503), (7, 96524),

Gene: Scheme_184 Start: 98798, Stop: 98953, Start Num: 3
Candidate Starts for Scheme_184:
(Start: 1 @98786 has 2 MA's), (2, 98795), (Start: 3 @98798 has 5 MA's), (4, 98837), (5, 98852), (6, 98867), (7, 98888),

Gene: Squillium_182 Start: 96424, Stop: 96591, Start Num: 1
Candidate Starts for Squillium_182:
(Start: 1 @96424 has 2 MA's), (2, 96433), (Start: 3 @96436 has 5 MA's), (4, 96475), (5, 96490), (6, 96505), (7, 96526),