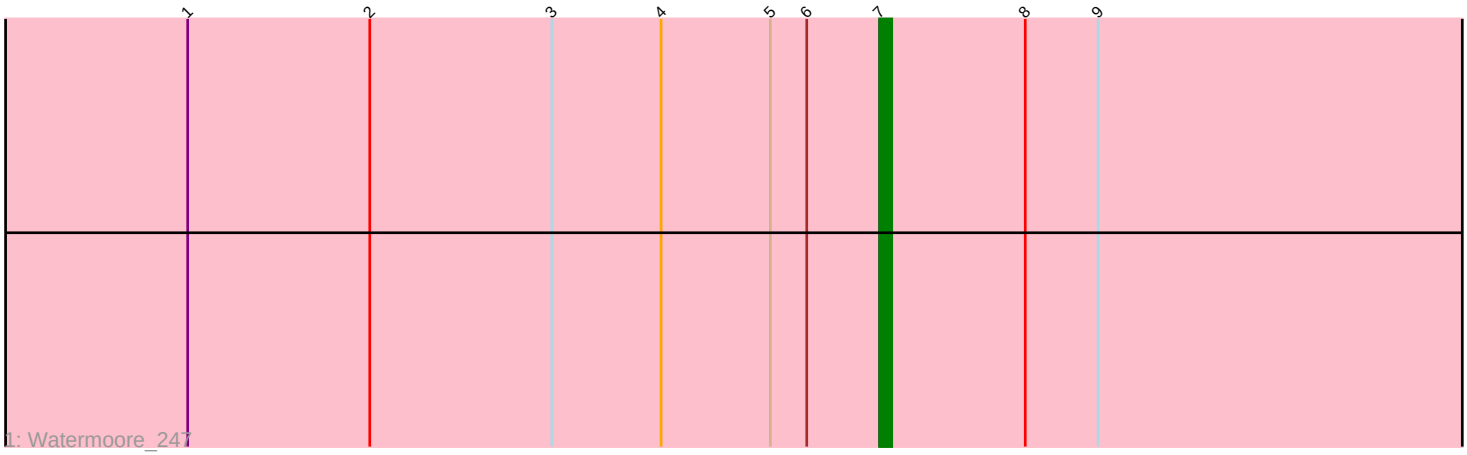
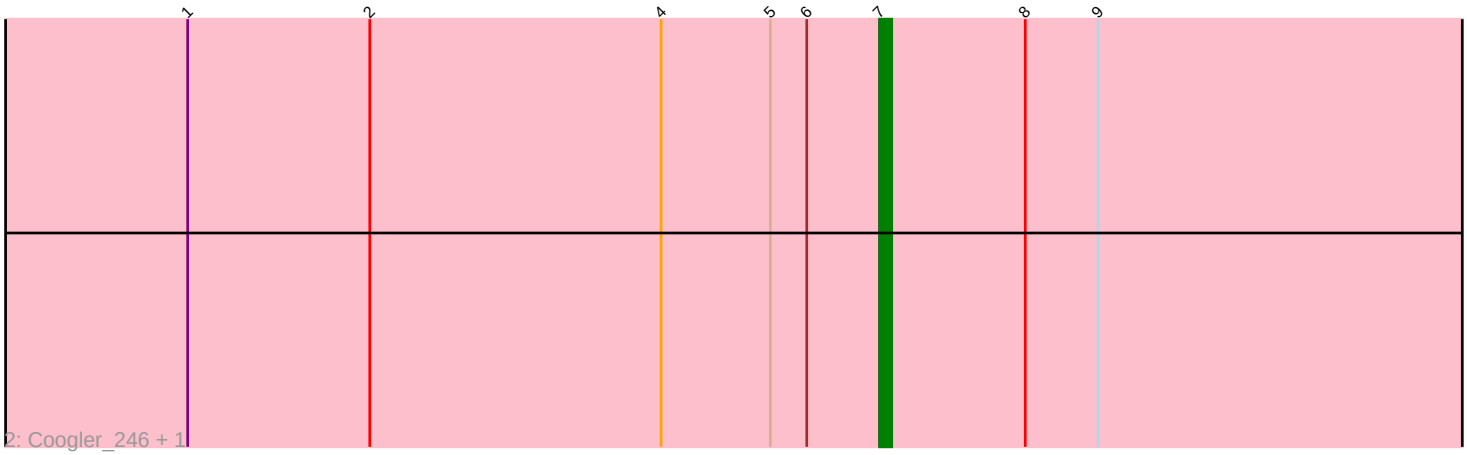
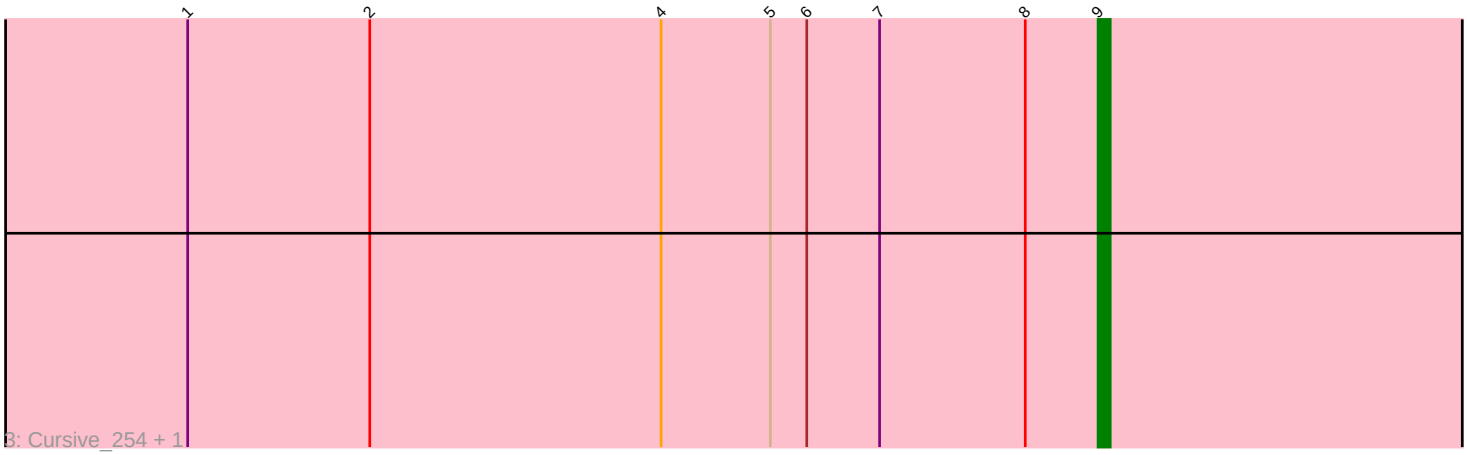
Pham 288560


1
2
3
4
5
6
7
8
9
1: Watermoore_247


1
2
4
5
6
7
8
9
2: Coogler_246 + 1


1
2
4
5
6
7
8
9
3: Cursive_254 + 1

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 288560 Report

This analysis was run 03/28/26 on database version 641.

Pham number 288560 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Watermoore_247
• Track 2 : Coogler_246, Sushi23_250
• Track 3 : Cursive_254, Leo04_251

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

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

Genes that call this "Most Annotated" start:
• Coogler_246, Sushi23_250, Watermoore_247,

Genes that have the "Most Annotated" start but do not call it:
• Cursive_254, Leo04_251,

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

Summary by start number:

Start 7:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Coogler_246 (BE1), Sushi23_250 (BE1), Watermoore_247 (BE1),

Start 9:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Cursive_254 (BE1), Leo04_251 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 7 was manually annotated 3 times for cluster BE1.
•Start number 9 was manually annotated 2 times for cluster BE1.

Gene Information:

Gene: Coogler_246 Start: 120966, Stop: 121079, Start Num: 7
Candidate Starts for Coogler_246:
(1, 120909), (2, 120924), (4, 120948), (5, 120957), (6, 120960), (Start: 7 @120966 has 3 MA's), (8, 120978), (Start: 9 @120984 has 2 MA's),

Gene: Cursive_254 Start: 121481, Stop: 121576, Start Num: 9
Candidate Starts for Cursive_254:
(1, 121406), (2, 121421), (4, 121445), (5, 121454), (6, 121457), (Start: 7 @121463 has 3 MA's), (8, 121475), (Start: 9 @121481 has 2 MA's),

Gene: Leo04_251 Start: 121590, Stop: 121685, Start Num: 9
Candidate Starts for Leo04_251:
(1, 121515), (2, 121530), (4, 121554), (5, 121563), (6, 121566), (Start: 7 @121572 has 3 MA's), (8, 121584), (Start: 9 @121590 has 2 MA's),

Gene: Sushi23_250 Start: 122296, Stop: 122409, Start Num: 7
Candidate Starts for Sushi23_250:
(1, 122239), (2, 122254), (4, 122278), (5, 122287), (6, 122290), (Start: 7 @122296 has 3 MA's), (8, 122308), (Start: 9 @122314 has 2 MA's),

Gene: Watermoore_247 Start: 122050, Stop: 122163, Start Num: 7
Candidate Starts for Watermoore_247:
(1, 121993), (2, 122008), (3, 122023), (4, 122032), (5, 122041), (6, 122044), (Start: 7 @122050 has 3 MA's), (8, 122062), (Start: 9 @122068 has 2 MA's),