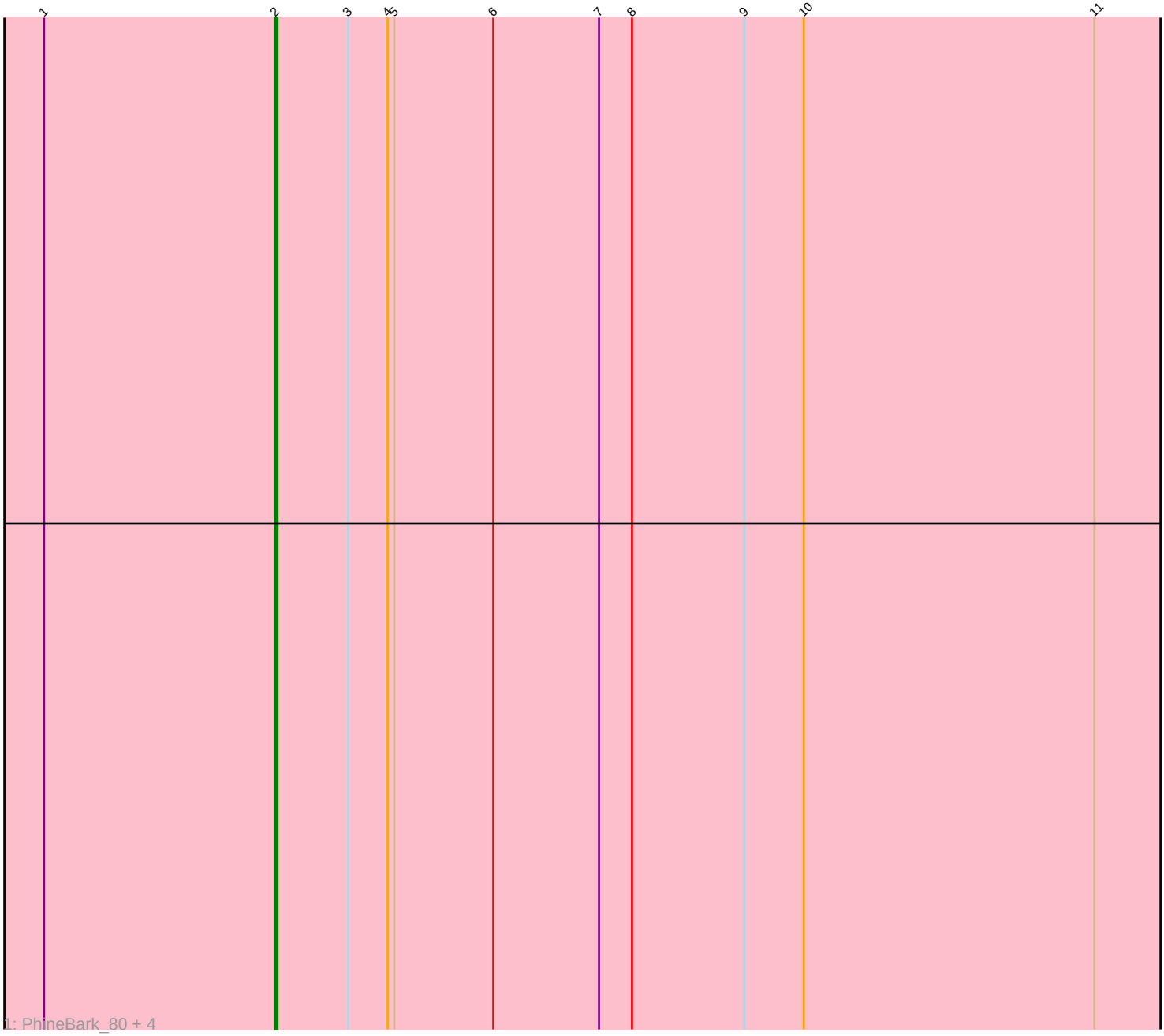
Pham 342987



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 342987 Report

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

Pham number 342987 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : PhineBark_80, Levia_80, Marchy_79, Payneful_75, Blackflame_86

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 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Blackflame_86, Levia_80, Marchy_79, Payneful_75, PhineBark_80,

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 2:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Blackflame_86 (A1), Levia_80 (A1), Marchy_79 (A1), Payneful_75 (A1), PhineBark_80 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:
•Start number 2 was manually annotated 4 times for cluster A1.

Gene Information:

Gene: Blackflame_86 Start: 52096, Stop: 51692, Start Num: 2
Candidate Starts for Blackflame_86:
(1, 52201), (Start: 2 @52096 has 4 MA's), (3, 52063), (4, 52045), (5, 52042), (6, 51997), (7, 51949), (8, 51934), (9, 51883), (10, 51856), (11, 51724),

Gene: Levia_80 Start: 47066, Stop: 46662, Start Num: 2
Candidate Starts for Levia_80:
(1, 47171), (Start: 2 @47066 has 4 MA's), (3, 47033), (4, 47015), (5, 47012), (6, 46967), (7, 46919), (8, 46904), (9, 46853), (10, 46826), (11, 46694),

Gene: Marchy_79 Start: 46710, Stop: 46306, Start Num: 2
Candidate Starts for Marchy_79:
(1, 46815), (Start: 2 @46710 has 4 MA's), (3, 46677), (4, 46659), (5, 46656), (6, 46611), (7, 46563), (8, 46548), (9, 46497), (10, 46470), (11, 46338),

Gene: Payneful_75 Start: 45802, Stop: 45398, Start Num: 2
Candidate Starts for Payneful_75:
(1, 45907), (Start: 2 @45802 has 4 MA's), (3, 45769), (4, 45751), (5, 45748), (6, 45703), (7, 45655), (8, 45640), (9, 45589), (10, 45562), (11, 45430),

Gene: PhineBark_80 Start: 48084, Stop: 47680, Start Num: 2
Candidate Starts for PhineBark_80:
(1, 48189), (Start: 2 @48084 has 4 MA's), (3, 48051), (4, 48033), (5, 48030), (6, 47985), (7, 47937), (8, 47922), (9, 47871), (10, 47844), (11, 47712),