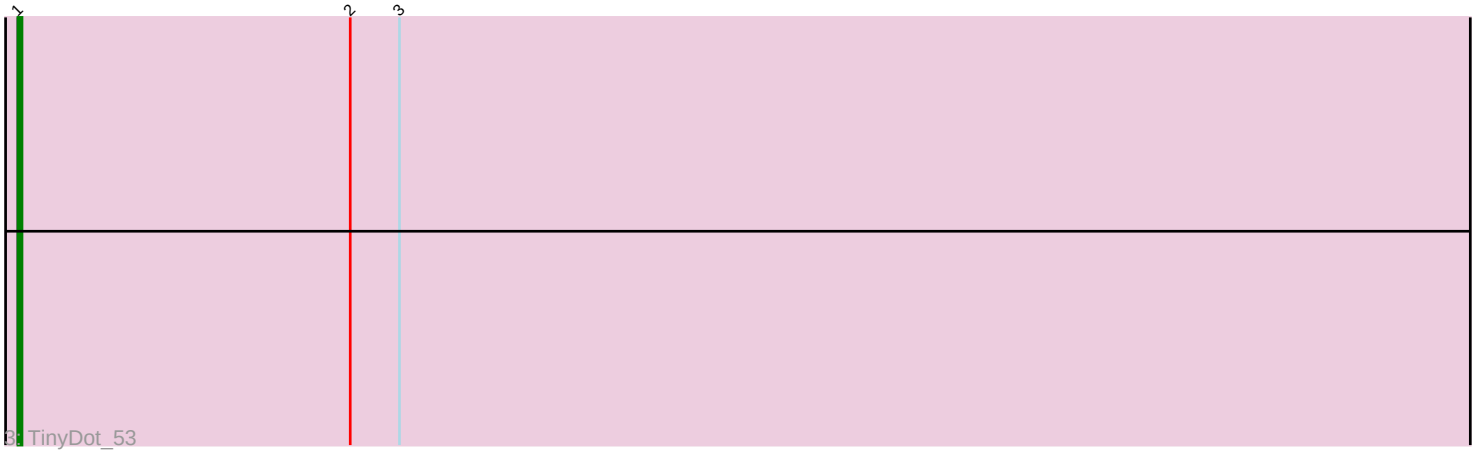
Pham 282780



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 282780 Report

This analysis was run 02/23/26 on database version 636.

Pham number 282780 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Kenna_77, BotCity_84, Lutum_83, BENtherdunthat_82
• Track 2 : CheeseTouch_86
• Track 3 : TinyDot_53

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:
• BENtherdunthat_82, BotCity_84, CheeseTouch_86, Kenna_77, Lutum_83, TinyDot_53,

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: BENtherdunthat_82 (DN1), BotCity_84 (DN), CheeseTouch_86 (DN1), Kenna_77 (DN1), Lutum_83 (DN1), TinyDot_53 (singleton),

Summary by clusters:

There are 3 clusters represented in this pham: DN, singleton, DN1,

Info for manual annotations of cluster DN:

•Start number 1 was manually annotated 1 time for cluster DN.

Info for manual annotations of cluster DN1:
•Start number 1 was manually annotated 4 times for cluster DN1.

Gene Information:

Gene: BENtherdunthat_82 Start: 46359, Stop: 46736, Start Num: 1
Candidate Starts for BENtherdunthat_82:
(Start: 1 @46359 has 6 MA's), (2, 46440), (3, 46452), (4, 46659),

Gene: BotCity_84 Start: 47888, Stop: 48265, Start Num: 1
Candidate Starts for BotCity_84:
(Start: 1 @47888 has 6 MA's), (2, 47969), (3, 47981), (4, 48188),

Gene: CheeseTouch_86 Start: 42950, Stop: 43342, Start Num: 1
Candidate Starts for CheeseTouch_86:
(Start: 1 @42950 has 6 MA's), (2, 43031), (3, 43043), (4, 43250), (5, 43271), (6, 43274),

Gene: Kenna_77 Start: 45632, Stop: 46009, Start Num: 1
Candidate Starts for Kenna_77:
(Start: 1 @45632 has 6 MA's), (2, 45713), (3, 45725), (4, 45932),

Gene: Lutum_83 Start: 46794, Stop: 47171, Start Num: 1
Candidate Starts for Lutum_83:
(Start: 1 @46794 has 6 MA's), (2, 46875), (3, 46887), (4, 47094),

Gene: TinyDot_53 Start: 33756, Stop: 34190, Start Num: 1
Candidate Starts for TinyDot_53:
(Start: 1 @33756 has 6 MA's), (2, 33837), (3, 33849),