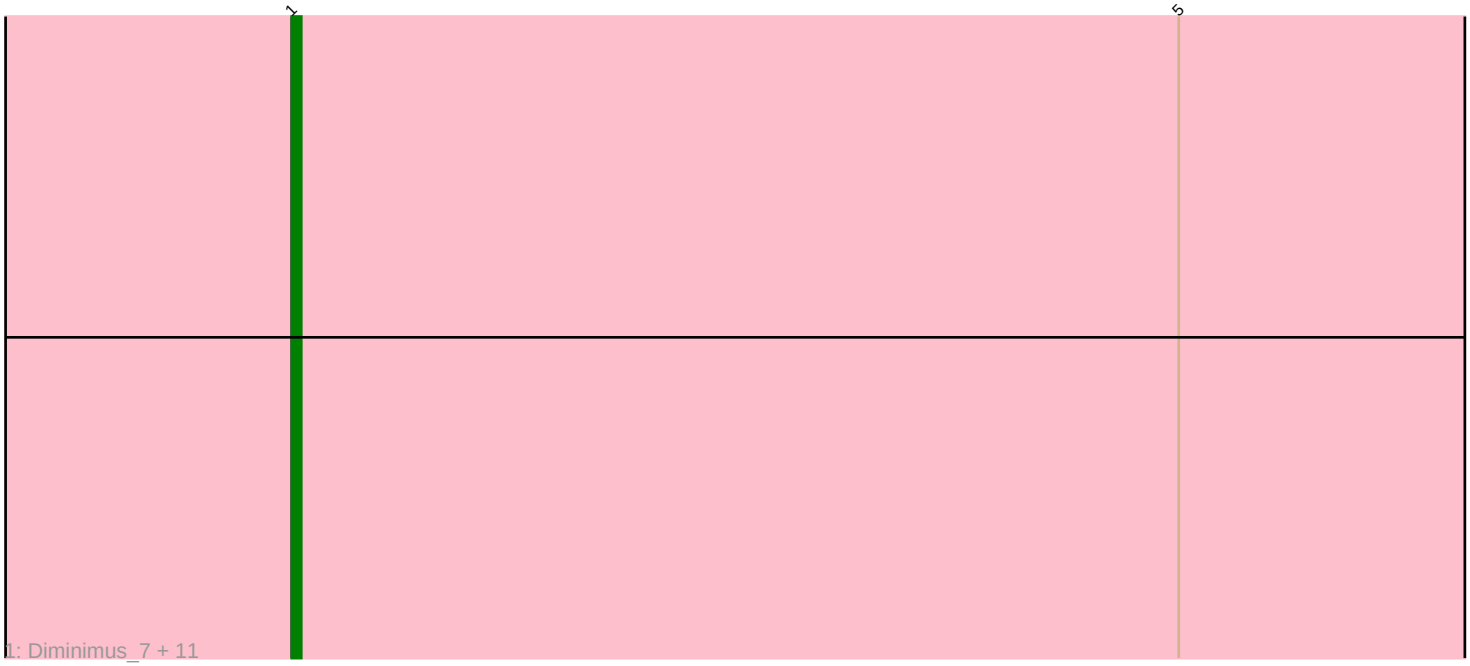
Pham 6243



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 6243 Report

This analysis was run 04/28/24 on database version 559.

Pham number 6243 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Diminimus_7, LilhomieP_6, Dulcita_7, Auspice_6, Bricole_6, SlimJimmy_6, TyDawg_6, PegLeg_6, Glaske16_7, Skinny_7, Bongo_6, IPhane7_6
• Track 2 : Nanosmite_7

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Auspice_6, Bongo_6, Bricole_6, Diminimus_7, Dulcita_7, Glaske16_7, IPhane7_6, LilhomieP_6, Nanosmite_7, PegLeg_6, Skinny_7, SlimJimmy_6, TyDawg_6,

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 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Auspice_6 (M1), Bongo_6 (M1), Bricole_6 (M1), Diminimus_7 (M1), Dulcita_7 (M1), Glaske16_7 (M1), IPhane7_6 (M1), LilhomieP_6 (M1), Nanosmite_7 (M3), PegLeg_6 (M1), Skinny_7 (M1), SlimJimmy_6 (M1), TyDawg_6 (M1),

Summary by clusters:

There are 2 clusters represented in this pham: M1, M3,

Info for manual annotations of cluster M1:
•Start number 1 was manually annotated 12 times for cluster M1.

Info for manual annotations of cluster M3:
•Start number 1 was manually annotated 1 time for cluster M3.

Gene Information:

Gene: Auspice_6 Start: 2575, Stop: 2363, Start Num: 1
Candidate Starts for Auspice_6:
(Start: 1 @2575 has 13 MA's), (5, 2482),

Gene: Bongo_6 Start: 2575, Stop: 2363, Start Num: 1
Candidate Starts for Bongo_6:
(Start: 1 @2575 has 13 MA's), (5, 2482),

Gene: Bricole_6 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for Bricole_6:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: Diminimus_7 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for Diminimus_7:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: Dulcita_7 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for Dulcita_7:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: Glaske16_7 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for Glaske16_7:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: IPhane7_6 Start: 2575, Stop: 2363, Start Num: 1
Candidate Starts for IPhane7_6:
(Start: 1 @2575 has 13 MA's), (5, 2482),

Gene: LilhomieP_6 Start: 2575, Stop: 2363, Start Num: 1
Candidate Starts for LilhomieP_6:
(Start: 1 @2575 has 13 MA's), (5, 2482),

Gene: Nanosmite_7 Start: 2896, Stop: 2678, Start Num: 1
Candidate Starts for Nanosmite_7:
(Start: 1 @2896 has 13 MA's), (2, 2827), (3, 2815), (4, 2806),

Gene: PegLeg_6 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for PegLeg_6:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: Skinny_7 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for Skinny_7:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: SlimJimmy_6 Start: 2574, Stop: 2362, Start Num: 1
Candidate Starts for SlimJimmy_6:
(Start: 1 @2574 has 13 MA's), (5, 2481),

Gene: TyDawg_6 Start: 2575, Stop: 2363, Start Num: 1
Candidate Starts for TyDawg_6:
(Start: 1 @2575 has 13 MA's), (5, 2482),