

1: Emaanora_18

2: EnochSoames_18

A diagram showing a horizontal line with a vertical line intersecting it. The vertical line is labeled "B: Vanseggelen_21" on the left and "6.1" on the right. The horizontal line is labeled "6.1" on the left and "6" on the right. The diagram is divided into four quadrants by these lines.

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 66689 Report

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

Pham number 66689 has 3 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Emaanora_18
- Track 2 : EnochSoames_18
- Track 3 : Vanseggelen_21

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 6:

- Found in 3 of 3 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Emaanora_18 (BD1), EnochSoames_18 (BD1), Vanseggelen_21 (BD3),

Summary by clusters:

There are 2 clusters represented in this pham: BD1, BD3,

Gene Information:

Gene: Emaanora_18 Start: 11462, Stop: 11220, Start Num: 6

Candidate Starts for Emaanora_18:

(1, 13106), (2, 13046), (3, 12008), (4, 11882), (5, 11627), (6, 11462), (8, 11234), (9, 11228),

Gene: EnochSoames_18 Start: 11641, Stop: 11399, Start Num: 6

Candidate Starts for EnochSoames_18:

(1, 13285), (2, 13225), (4, 12061), (5, 11809), (6, 11641), (7, 11617), (8, 11413), (9, 11407),

Gene: Vanseggelen_21 Start: 11037, Stop: 10795, Start Num: 6
Candidate Starts for Vanseggelen_21:
(6, 11037), (7, 11013), (8, 10809),