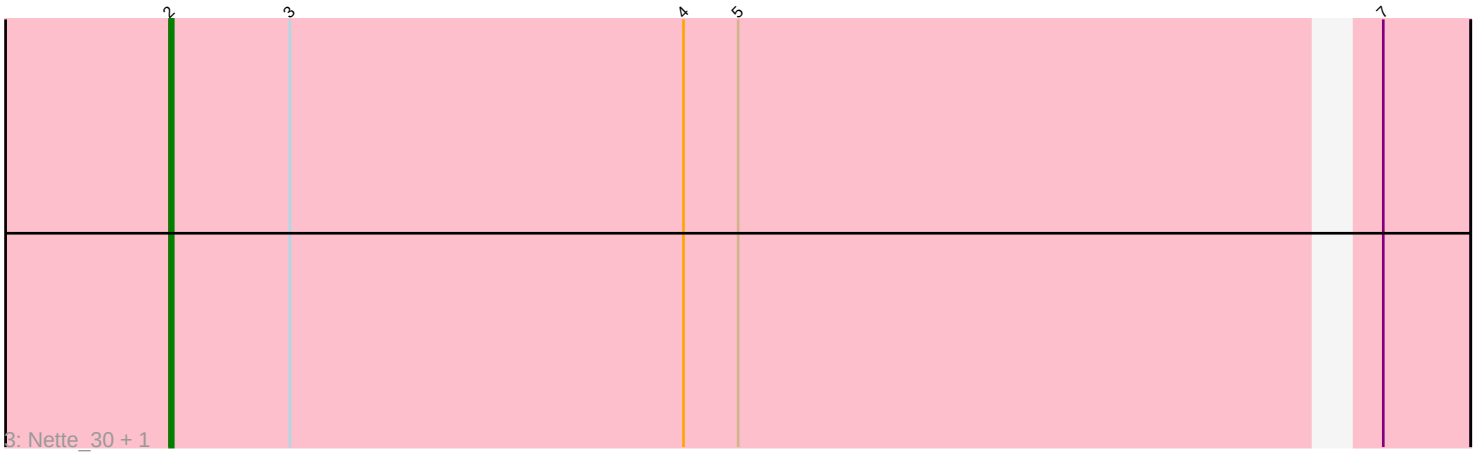
Pham 348301







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 348301 Report

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

Pham number 348301 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Nairb_30, Ibrahim_30, Whitty_30, Bernal13_30, ZenTime222_30
• Track 2 : RonRayGun_30
• Track 3 : Nette_30, Mendokysei_28

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 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bernal13_30, Ibrahim_30, Nairb_30, Whitty_30, ZenTime222_30,

Genes that have the "Most Annotated" start but do not call it:
• RonRayGun_30,

Genes that do not have the "Most Annotated" start:
• Mendokysei_28, Nette_30,

Summary by start number:

Start 1:
• Found in 6 of 8 (75.0%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 83.3% of time when present
• Phage (with cluster) where this start called: Bernal13_30 (T), Ibrahim_30 (T), Nairb_30 (T), Whitty_30 (T), ZenTime222_30 (T),

Start 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 7
• Called 37.5% of time when present
• Phage (with cluster) where this start called: Mendokysei_28 (T), Nette_30 (T), RonRayGun_30 (T),

Summary by clusters:

There is one cluster represented in this pham: T

Info for manual annotations of cluster T:
•Start number 1 was manually annotated 5 times for cluster T.
•Start number 2 was manually annotated 2 times for cluster T.

Gene Information:

Gene: Bernal13_30 Start: 26046, Stop: 26396, Start Num: 1
Candidate Starts for Bernal13_30:
(Start: 1 @26046 has 5 MA's), (Start: 2 @26061 has 2 MA's), (6, 26346),

Gene: Ibrahim_30 Start: 26046, Stop: 26396, Start Num: 1
Candidate Starts for Ibrahim_30:
(Start: 1 @26046 has 5 MA's), (Start: 2 @26061 has 2 MA's), (6, 26346),

Gene: Mendokysei_28 Start: 25521, Stop: 25865, Start Num: 2
Candidate Starts for Mendokysei_28:
(Start: 2 @25521 has 2 MA's), (3, 25554), (4, 25662), (5, 25677), (7, 25842),

Gene: Nairb_30 Start: 26046, Stop: 26396, Start Num: 1
Candidate Starts for Nairb_30:
(Start: 1 @26046 has 5 MA's), (Start: 2 @26061 has 2 MA's), (6, 26346),

Gene: Nette_30 Start: 25530, Stop: 25874, Start Num: 2
Candidate Starts for Nette_30:
(Start: 2 @25530 has 2 MA's), (3, 25563), (4, 25671), (5, 25686), (7, 25851),

Gene: RonRayGun_30 Start: 26061, Stop: 26396, Start Num: 2
Candidate Starts for RonRayGun_30:
(Start: 1 @26046 has 5 MA's), (Start: 2 @26061 has 2 MA's), (6, 26346),

Gene: Whitty_30 Start: 26046, Stop: 26396, Start Num: 1
Candidate Starts for Whitty_30:
(Start: 1 @26046 has 5 MA's), (Start: 2 @26061 has 2 MA's), (6, 26346),

Gene: ZenTime222_30 Start: 26046, Stop: 26396, Start Num: 1
Candidate Starts for ZenTime222_30:
(Start: 1 @26046 has 5 MA's), (Start: 2 @26061 has 2 MA's), (6, 26346),