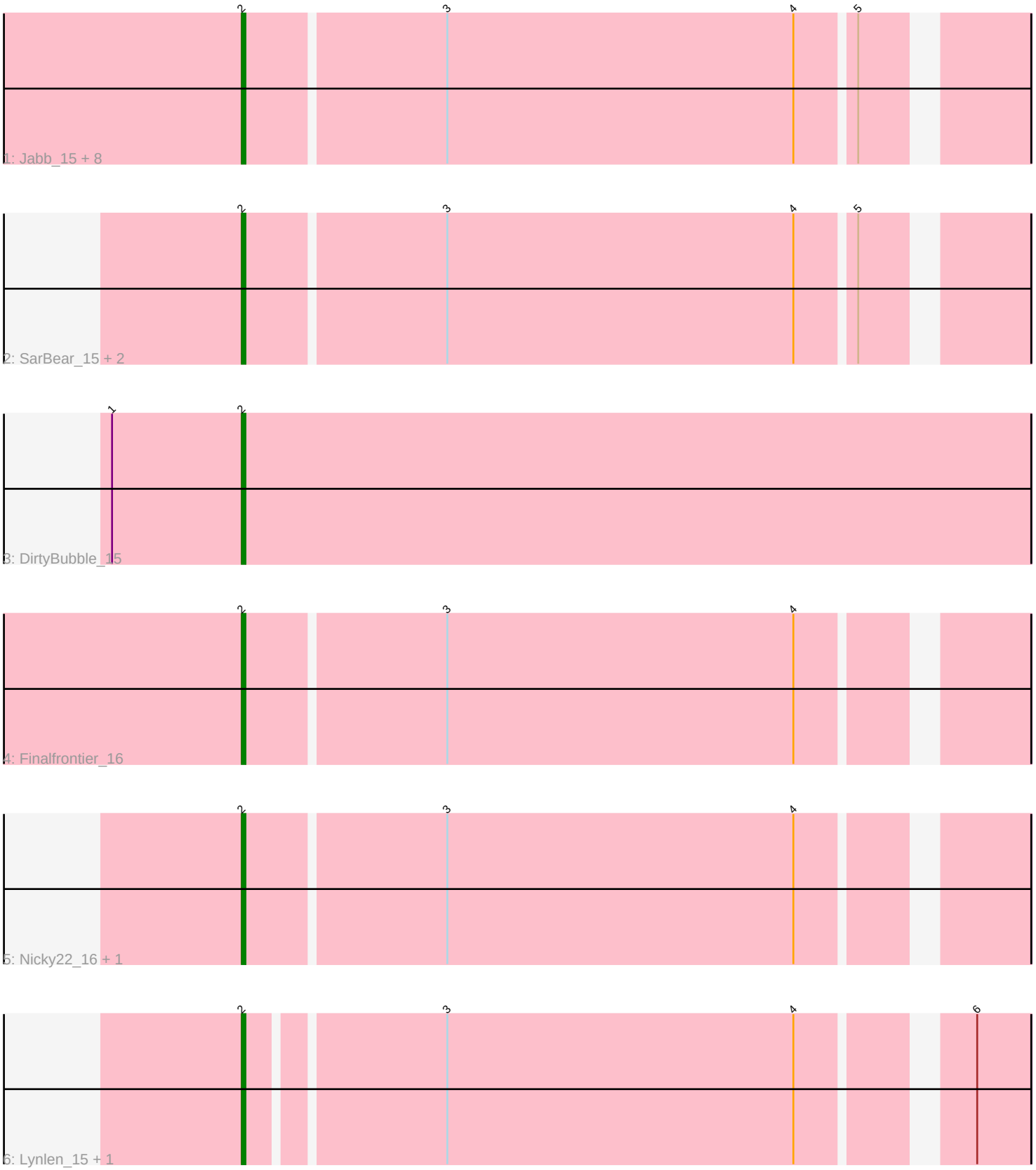
Pham 298659


2
3
4
5
1: Jabb_15 + 8
2
3
4
5
2: SarBear_15 + 2
1
2
3: DirtyBubble_15
2
3
4
4: Finalfrontier_16
2
3
4
5: Nicky22_16 + 1
2
3
4
6
6: Lynlen_15 + 1

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 298659 Report

This analysis was run 06/08/26 on database version 649.

Pham number 298659 has 18 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Jabb_15, CupcakePrincess_15, Eula_15, MsUbiquitous_15, TukTuk_15, QMacho_16, CanFranMach_15, Pecas_15, Jovita_15
• Track 2 : SarBear_15, Swervy_15, AylexOG_16
• Track 3 : DirtyBubble_15
• Track 4 : Finalfrontier_16
• Track 5 : Nicky22_16, Lilo27_15
• Track 6 : Lynlen_15, Kenzers_15

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 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AylexOG_16, CanFranMach_15, CupcakePrincess_15, DirtyBubble_15, Eula_15, Finalfrontier_16, Jabb_15, Jovita_15, Kenzers_15, Lilo27_15, Lynlen_15, MsUbiquitous_15, Nicky22_16, Pecas_15, QMacho_16, SarBear_15, Swervy_15, TukTuk_15,

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 18 of 18 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AylexOG_16 (EB), CanFranMach_15 (EB), CupcakePrincess_15 (EB), DirtyBubble_15 (EB), Eula_15 (EB), Finalfrontier_16 (EB), Jabb_15 (EB), Jovita_15 (EB), Kenzers_15 (EB), Lilo27_15 (EB), Lynlen_15

(EB), MsUbiquitous_15 (EB), Nicky22_16 (EB), Pecas_15 (EB), QMacho_16 (EB), SarBear_15 (EB), Swervy_15 (EB), TukTuk_15 (EB),

Summary by clusters:

There is one cluster represented in this pham: EB

Info for manual annotations of cluster EB:
•Start number 2 was manually annotated 15 times for cluster EB.

Gene Information:

Gene: AylexOG_16 Start: 10506, Stop: 10303, Start Num: 2
Candidate Starts for AylexOG_16:
(Start: 2 @10506 has 15 MA's), (3, 10452), (4, 10356), (5, 10341),

Gene: CanFranMach_15 Start: 10180, Stop: 9977, Start Num: 2
Candidate Starts for CanFranMach_15:
(Start: 2 @10180 has 15 MA's), (3, 10126), (4, 10030), (5, 10015),

Gene: CupcakePrincess_15 Start: 10201, Stop: 9998, Start Num: 2
Candidate Starts for CupcakePrincess_15:
(Start: 2 @10201 has 15 MA's), (3, 10147), (4, 10051), (5, 10036),

Gene: DirtyBubble_15 Start: 10405, Stop: 10187, Start Num: 2
Candidate Starts for DirtyBubble_15:
(1, 10441), (Start: 2 @10405 has 15 MA's),

Gene: Eula_15 Start: 10162, Stop: 9959, Start Num: 2
Candidate Starts for Eula_15:
(Start: 2 @10162 has 15 MA's), (3, 10108), (4, 10012), (5, 9997),

Gene: Finalfrontier_16 Start: 10674, Stop: 10471, Start Num: 2
Candidate Starts for Finalfrontier_16:
(Start: 2 @10674 has 15 MA's), (3, 10620), (4, 10524),

Gene: Jabb_15 Start: 10201, Stop: 9998, Start Num: 2
Candidate Starts for Jabb_15:
(Start: 2 @10201 has 15 MA's), (3, 10147), (4, 10051), (5, 10036),

Gene: Jovita_15 Start: 10263, Stop: 10060, Start Num: 2
Candidate Starts for Jovita_15:
(Start: 2 @10263 has 15 MA's), (3, 10209), (4, 10113), (5, 10098),

Gene: Kenzers_15 Start: 10175, Stop: 9975, Start Num: 2
Candidate Starts for Kenzers_15:
(Start: 2 @10175 has 15 MA's), (3, 10124), (4, 10028), (6, 9989),

Gene: Lilo27_15 Start: 10138, Stop: 9935, Start Num: 2
Candidate Starts for Lilo27_15:
(Start: 2 @10138 has 15 MA's), (3, 10084), (4, 9988),

Gene: Lynlen_15 Start: 10175, Stop: 9975, Start Num: 2
Candidate Starts for Lynlen_15:
(Start: 2 @10175 has 15 MA's), (3, 10124), (4, 10028), (6, 9989),

Gene: MsUbiquitous_15 Start: 10201, Stop: 9998, Start Num: 2
Candidate Starts for MsUbiquitous_15:
(Start: 2 @10201 has 15 MA's), (3, 10147), (4, 10051), (5, 10036),

Gene: Nicky22_16 Start: 10609, Stop: 10406, Start Num: 2
Candidate Starts for Nicky22_16:
(Start: 2 @10609 has 15 MA's), (3, 10555), (4, 10459),

Gene: Pecas_15 Start: 10162, Stop: 9959, Start Num: 2
Candidate Starts for Pecas_15:
(Start: 2 @10162 has 15 MA's), (3, 10108), (4, 10012), (5, 9997),

Gene: QMacho_16 Start: 10645, Stop: 10442, Start Num: 2
Candidate Starts for QMacho_16:
(Start: 2 @10645 has 15 MA's), (3, 10591), (4, 10495), (5, 10480),

Gene: SarBear_15 Start: 10138, Stop: 9935, Start Num: 2
Candidate Starts for SarBear_15:
(Start: 2 @10138 has 15 MA's), (3, 10084), (4, 9988), (5, 9973),

Gene: Swervy_15 Start: 10138, Stop: 9935, Start Num: 2
Candidate Starts for Swervy_15:
(Start: 2 @10138 has 15 MA's), (3, 10084), (4, 9988), (5, 9973),

Gene: TukTuk_15 Start: 10198, Stop: 9995, Start Num: 2
Candidate Starts for TukTuk_15:
(Start: 2 @10198 has 15 MA's), (3, 10144), (4, 10048), (5, 10033),