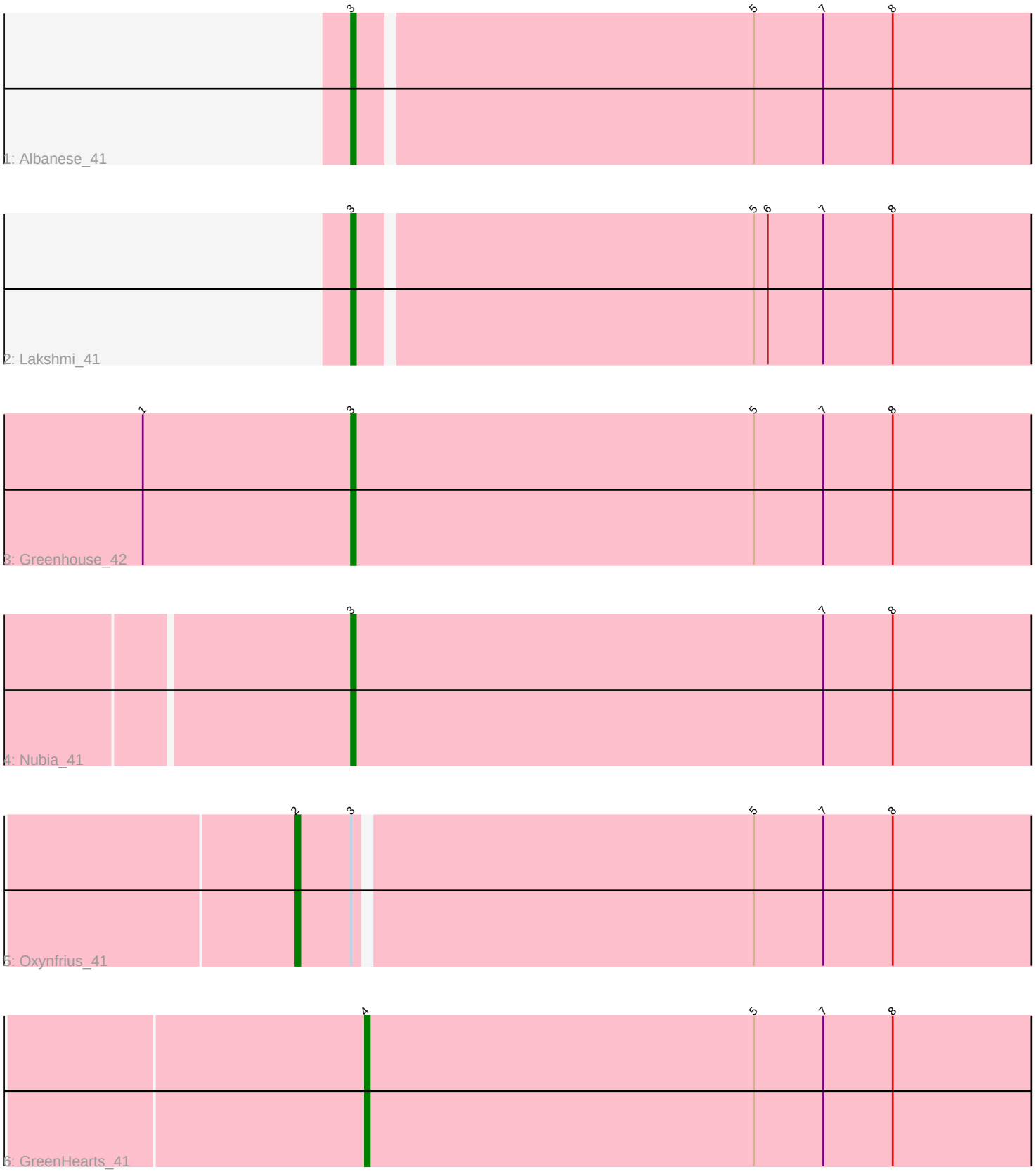
Pham 346582


3
5
7
8
1: Albanese_41
3
5
6
7
8
2: Lakshmi_41
1
3
5
7
8
3: Greenhouse_42
3
7
8
4: Nubia_41
2
3
5
7
8
5: Oxynfrius_41
4
5
7
8
6: GreenHearts_41

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 346582 Report

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

Pham number 346582 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Albanese_41
• Track 2 : Lakshmi_41
• Track 3 : Greenhouse_42
• Track 4 : Nubia_41
• Track 5 : Oxynfrius_41
• Track 6 : GreenHearts_41

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

The start number called the most often in the published annotations is 3, it was called in 4 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Albanese_41, Greenhouse_42, Lakshmi_41, Nubia_41,

Genes that have the "Most Annotated" start but do not call it:
• Oxynfrius_41,

Genes that do not have the "Most Annotated" start:
• GreenHearts_41,

Summary by start number:

Start 2:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Oxynfrius_41 (AK),

Start 3:
• Found in 5 of 6 (83.3%) of genes in pham
• Manual Annotations of this start: 4 of 6
• Called 80.0% of time when present

• Phage (with cluster) where this start called: Albanese_41 (AK), Greenhouse_42 (AK), Lakshmi_41 (AK), Nubia_41 (AK),

Start 4:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GreenHearts_41 (AK),

Summary by clusters:

There is one cluster represented in this pham: AK

Info for manual annotations of cluster AK:
•Start number 2 was manually annotated 1 time for cluster AK.
•Start number 3 was manually annotated 4 times for cluster AK.
•Start number 4 was manually annotated 1 time for cluster AK.

Gene Information:

Gene: Albanese_41 Start: 28004, Stop: 28186, Start Num: 3
Candidate Starts for Albanese_41:
(Start: 3 @28004 has 4 MA's), (5, 28088), (7, 28103), (8, 28118),

Gene: GreenHearts_41 Start: 28090, Stop: 28272, Start Num: 4
Candidate Starts for GreenHearts_41:
(Start: 4 @28090 has 1 MA's), (5, 28174), (7, 28189), (8, 28204),

Gene: Greenhouse_42 Start: 28012, Stop: 28197, Start Num: 3
Candidate Starts for Greenhouse_42:
(1, 27967), (Start: 3 @28012 has 4 MA's), (5, 28099), (7, 28114), (8, 28129),

Gene: Lakshmi_41 Start: 27978, Stop: 28160, Start Num: 3
Candidate Starts for Lakshmi_41:
(Start: 3 @27978 has 4 MA's), (5, 28062), (6, 28065), (7, 28077), (8, 28092),

Gene: Nubia_41 Start: 27920, Stop: 28105, Start Num: 3
Candidate Starts for Nubia_41:
(Start: 3 @27920 has 4 MA's), (7, 28022), (8, 28037),

Gene: Oxynfrius_41 Start: 27932, Stop: 28126, Start Num: 2
Candidate Starts for Oxynfrius_41:
(Start: 2 @27932 has 1 MA's), (Start: 3 @27944 has 4 MA's), (5, 28028), (7, 28043), (8, 28058),