Pham 268651

1: Lenoxika_52 + 2

2: Elesar_46

3: Dirtdigger_52

4: AllBusiness_50

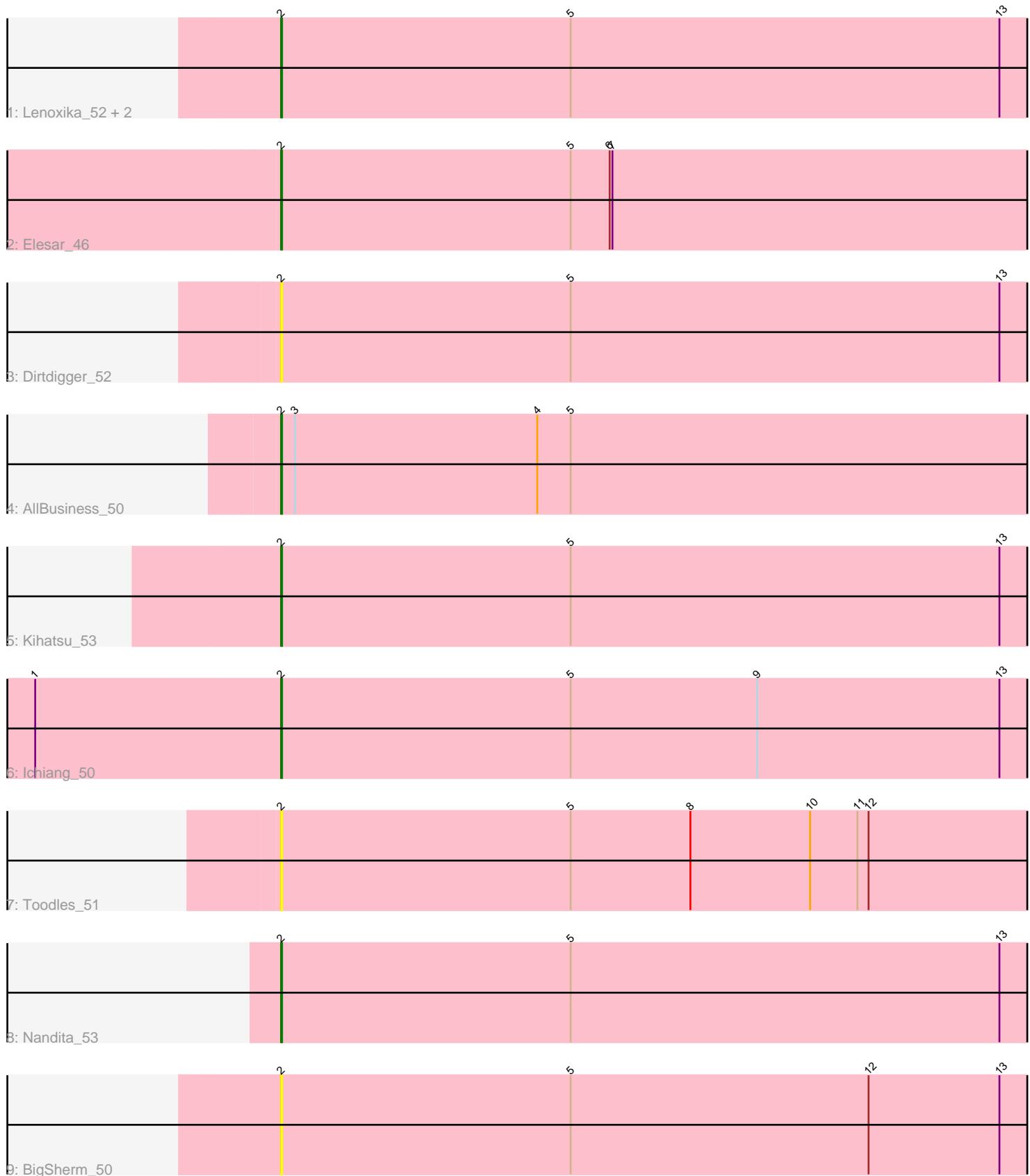5: Kihatsu_53

6: Ichiang_50

7: Toodles_51

8: Nandita_53

9: BigSherm_50

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 268651 Report

This analysis was run 02/07/26 on database version 634.

Pham number 268651 has 11 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Lenoxika_52, ToastyOats_54, Schism_55
• Track 2 : Elesar_46
• Track 3 : Dirtdigger_52
• Track 4 : AllBusiness_50
• Track 5 : Kihatsu_53
• Track 6 : Ichiang_50
• Track 7 : Toodles_51
• Track 8 : Nandita_53
• Track 9 : BigSherm_50

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AllBusiness_50, BigSherm_50, Dirtdigger_52, Elesar_46, Ichiang_50, Kihatsu_53, Lenoxika_52, Nandita_53, Schism_55, ToastyOats_54, Toodles_51,

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 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AllBusiness_50 (FF), BigSherm_50 (FF), Dirtdigger_52 (FF), Elesar_46 (FF), Ichiang_50 (FF), Kihatsu_53 (FF), Lenoxika_52 (FF), Nandita_53 (FF), Schism_55 (FF), ToastyOats_54 (FF), Toodles_51 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:
•Start number 2 was manually annotated 6 times for cluster FF.

Gene Information:
Gene: AllBusiness_50 Start: 36002, Stop: 36934, Start Num: 2
Candidate Starts for AllBusiness_50:
(Start: 2 @36002 has 6 MA's), (3, 36017), (4, 36278), (5, 36314),

Gene: BigSherm_50 Start: 34111, Stop: 35043, Start Num: 2
Candidate Starts for BigSherm_50:
(Start: 2 @34111 has 6 MA's), (5, 34423), (12, 34744), (13, 34885),

Gene: Dirtdigger_52 Start: 35096, Stop: 36028, Start Num: 2
Candidate Starts for Dirtdigger_52:
(Start: 2 @35096 has 6 MA's), (5, 35408), (13, 35870),

Gene: Elesar_46 Start: 35215, Stop: 36054, Start Num: 2
Candidate Starts for Elesar_46:
(Start: 2 @35215 has 6 MA's), (5, 35527), (6, 35569), (7, 35572),

Gene: Ichiang_50 Start: 34070, Stop: 35002, Start Num: 2
Candidate Starts for Ichiang_50:
(1, 33809), (Start: 2 @34070 has 6 MA's), (5, 34382), (9, 34583), (13, 34844),

Gene: Kihatsu_53 Start: 35618, Stop: 36550, Start Num: 2
Candidate Starts for Kihatsu_53:
(Start: 2 @35618 has 6 MA's), (5, 35930), (13, 36392),

Gene: Lenoxika_52 Start: 34462, Stop: 35394, Start Num: 2
Candidate Starts for Lenoxika_52:
(Start: 2 @34462 has 6 MA's), (5, 34774), (13, 35236),

Gene: Nandita_53 Start: 34632, Stop: 35564, Start Num: 2
Candidate Starts for Nandita_53:
(Start: 2 @34632 has 6 MA's), (5, 34944), (13, 35406),

Gene: Schism_55 Start: 35701, Stop: 36633, Start Num: 2
Candidate Starts for Schism_55:
(Start: 2 @35701 has 6 MA's), (5, 36013), (13, 36475),

Gene: ToastyOats_54 Start: 34661, Stop: 35593, Start Num: 2
Candidate Starts for ToastyOats_54:
(Start: 2 @34661 has 6 MA's), (5, 34973), (13, 35435),

Gene: Toodles_51 Start: 35497, Stop: 36429, Start Num: 2

Candidate Starts for Toodles_51:
(Start: 2 @35497 has 6 MA's), (5, 35809), (8, 35938), (10, 36067), (11, 36118), (12, 36130),