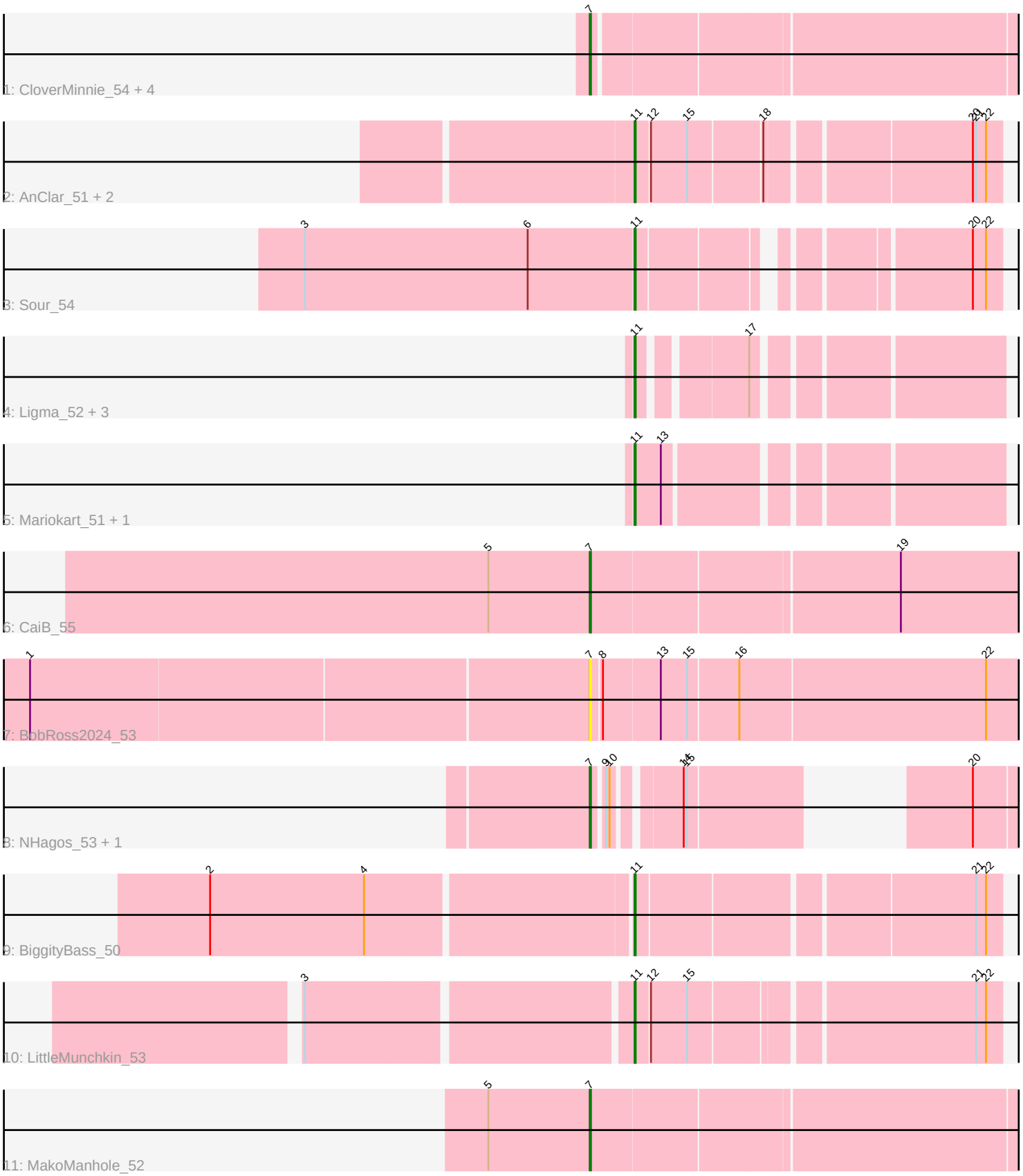
Pham 208948


1: CloverMinnie_54 + 4
2: AnClar_51 + 2
3: Sour_54
4: Ligma_52 + 3
5: Mariokart_51 + 1
6: CaiB_55
7: BobRoss2024_53
8: NHagos_53 + 1
9: BiggityBass_50
10: LittleMunchkin_53
11: MakoManhole_52

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 208948 Report

This analysis was run 02/22/25 on database version 588.

Pham number 208948 has 22 members, 4 are drafts.

Phages represented in each track:
• Track 1 : CloverMinnie_54, MossRose_54, Wooper_55, AnarQue_55, Yeshua_55
• Track 2 : AnClar_51, Sisko_50, Yago84_50
• Track 3 : Sour_54
• Track 4 : Ligma_52, Fresco_52, Axumite_52, Shatter_52
• Track 5 : Mariokart_51, CharlottesWeb_51
• Track 6 : CaiB_55
• Track 7 : BobRoss2024_53
• Track 8 : NHagos_53, AksarBAT_54
• Track 9 : BiggityBass_50
• Track 10 : LittleMunchkin_53
• Track 11 : MakoManhole_52

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

The start number called the most often in the published annotations is 11, it was called in 11 of the 18 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AnClar_51, Axumite_52, BiggityBass_50, CharlottesWeb_51, Fresco_52, Ligma_52, LittleMunchkin_53, Mariokart_51, Shatter_52, Sisko_50, Sour_54, Yago84_50,

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

Genes that do not have the "Most Annotated" start:
• AksarBAT_54, AnarQue_55, BobRoss2024_53, CaiB_55, CloverMinnie_54, MakoManhole_52, MossRose_54, NHagos_53, Wooper_55, Yeshua_55,

Summary by start number:

Start 7:
• Found in 10 of 22 (45.5%) of genes in pham
• Manual Annotations of this start: 7 of 18
• Called 100.0% of time when present

• Phage (with cluster) where this start called: AksarBAT_54 (DR), AnarQue_55 (DR), BobRoss2024_53 (DR), CaiB_55 (DR), CloverMinnie_54 (DR), MakoManhole_52 (DR), MossRose_54 (DR), NHagos_53 (DR), Wooper_55 (DR), Yeshua_55 (DR),

Start 11:
• Found in 12 of 22 (54.5%) of genes in pham
• Manual Annotations of this start: 11 of 18
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AnClar_51 (DR), Axumite_52 (DR), BiggityBass_50 (DR), CharlottesWeb_51 (DR), Fresco_52 (DR), Ligma_52 (DR), LittleMunchkin_53 (DR), Mariokart_51 (DR), Shatter_52 (DR), Sisko_50 (DR), Sour_54 (DR), Yago84_50 (DR),

Summary by clusters:

There is one cluster represented in this pham: DR

Info for manual annotations of cluster DR:
•Start number 7 was manually annotated 7 times for cluster DR.
•Start number 11 was manually annotated 11 times for cluster DR.

Gene Information:

Gene: AksarBAT_54 Start: 47539, Stop: 47165, Start Num: 7
Candidate Starts for AksarBAT_54:
(Start: 7 @47539 has 7 MA's), (9, 47530), (10, 47527), (14, 47476), (15, 47473), (20, 47215),

Gene: AnClar_51 Start: 48276, Stop: 47968, Start Num: 11
Candidate Starts for AnClar_51:
(Start: 11 @48276 has 11 MA's), (12, 48264), (15, 48231), (18, 48168), (20, 47994), (21, 47991), (22, 47982),

Gene: AnarQue_55 Start: 48400, Stop: 48017, Start Num: 7
Candidate Starts for AnarQue_55:
(Start: 7 @48400 has 7 MA's),

Gene: Axumite_52 Start: 46268, Stop: 45978, Start Num: 11
Candidate Starts for Axumite_52:
(Start: 11 @46268 has 11 MA's), (17, 46184),

Gene: BiggityBass_50 Start: 47644, Stop: 47330, Start Num: 11
Candidate Starts for BiggityBass_50:
(2, 48016), (4, 47875), (Start: 11 @47644 has 11 MA's), (21, 47353), (22, 47344),

Gene: BobRoss2024_53 Start: 46786, Stop: 46394, Start Num: 7
Candidate Starts for BobRoss2024_53:
(1, 47287), (Start: 7 @46786 has 7 MA's), (8, 46777), (13, 46726), (15, 46702), (16, 46657), (22, 46435),

Gene: CaiB_55 Start: 48933, Stop: 48541, Start Num: 7
Candidate Starts for CaiB_55:

(5, 49026), (Start: 7 @48933 has 7 MA's), (19, 48660),

Gene: CharlottesWeb_51 Start: 45652, Stop: 45347, Start Num: 11
Candidate Starts for CharlottesWeb_51:
(Start: 11 @45652 has 11 MA's), (13, 45628),

Gene: CloverMinnie_54 Start: 47977, Stop: 47594, Start Num: 7
Candidate Starts for CloverMinnie_54:
(Start: 7 @47977 has 7 MA's),

Gene: Fresco_52 Start: 46268, Stop: 45978, Start Num: 11
Candidate Starts for Fresco_52:
(Start: 11 @46268 has 11 MA's), (17, 46184),

Gene: Ligma_52 Start: 46268, Stop: 45978, Start Num: 11
Candidate Starts for Ligma_52:
(Start: 11 @46268 has 11 MA's), (17, 46184),

Gene: LittleMunchkin_53 Start: 48964, Stop: 48653, Start Num: 11
Candidate Starts for LittleMunchkin_53:
(3, 49246), (Start: 11 @48964 has 11 MA's), (12, 48952), (15, 48919), (21, 48676), (22, 48667),

Gene: MakoManhole_52 Start: 47472, Stop: 47083, Start Num: 7
Candidate Starts for MakoManhole_52:
(5, 47565), (Start: 7 @47472 has 7 MA's),

Gene: Mariokart_51 Start: 45938, Stop: 45633, Start Num: 11
Candidate Starts for Mariokart_51:
(Start: 11 @45938 has 11 MA's), (13, 45914),

Gene: MossRose_54 Start: 48034, Stop: 47651, Start Num: 7
Candidate Starts for MossRose_54:
(Start: 7 @48034 has 7 MA's),

Gene: NHagos_53 Start: 46811, Stop: 46533, Start Num: 7
Candidate Starts for NHagos_53:
(Start: 7 @46811 has 7 MA's), (9, 46802), (10, 46799), (14, 46748), (15, 46745), (20, 46583),

Gene: Shatter_52 Start: 46268, Stop: 45978, Start Num: 11
Candidate Starts for Shatter_52:
(Start: 11 @46268 has 11 MA's), (17, 46184),

Gene: Sisko_50 Start: 46279, Stop: 45971, Start Num: 11
Candidate Starts for Sisko_50:
(Start: 11 @46279 has 11 MA's), (12, 46267), (15, 46234), (18, 46171), (20, 45997), (21, 45994), (22, 45985),

Gene: Sour_54 Start: 49450, Stop: 49163, Start Num: 11
Candidate Starts for Sour_54:
(3, 49750), (6, 49546), (Start: 11 @49450 has 11 MA's), (20, 49189), (22, 49177),

Gene: Wooper_55 Start: 48366, Stop: 47983, Start Num: 7
Candidate Starts for Wooper_55:

(Start: 7 @48366 has 7 MA's),

Gene: Yago84_50 Start: 46354, Stop: 46046, Start Num: 11
Candidate Starts for Yago84_50:
(Start: 11 @46354 has 11 MA's), (12, 46342), (15, 46309), (18, 46246), (20, 46072), (21, 46069), (22, 46060),

Gene: Yeshua_55 Start: 48343, Stop: 47960, Start Num: 7
Candidate Starts for Yeshua_55:
(Start: 7 @48343 has 7 MA's),