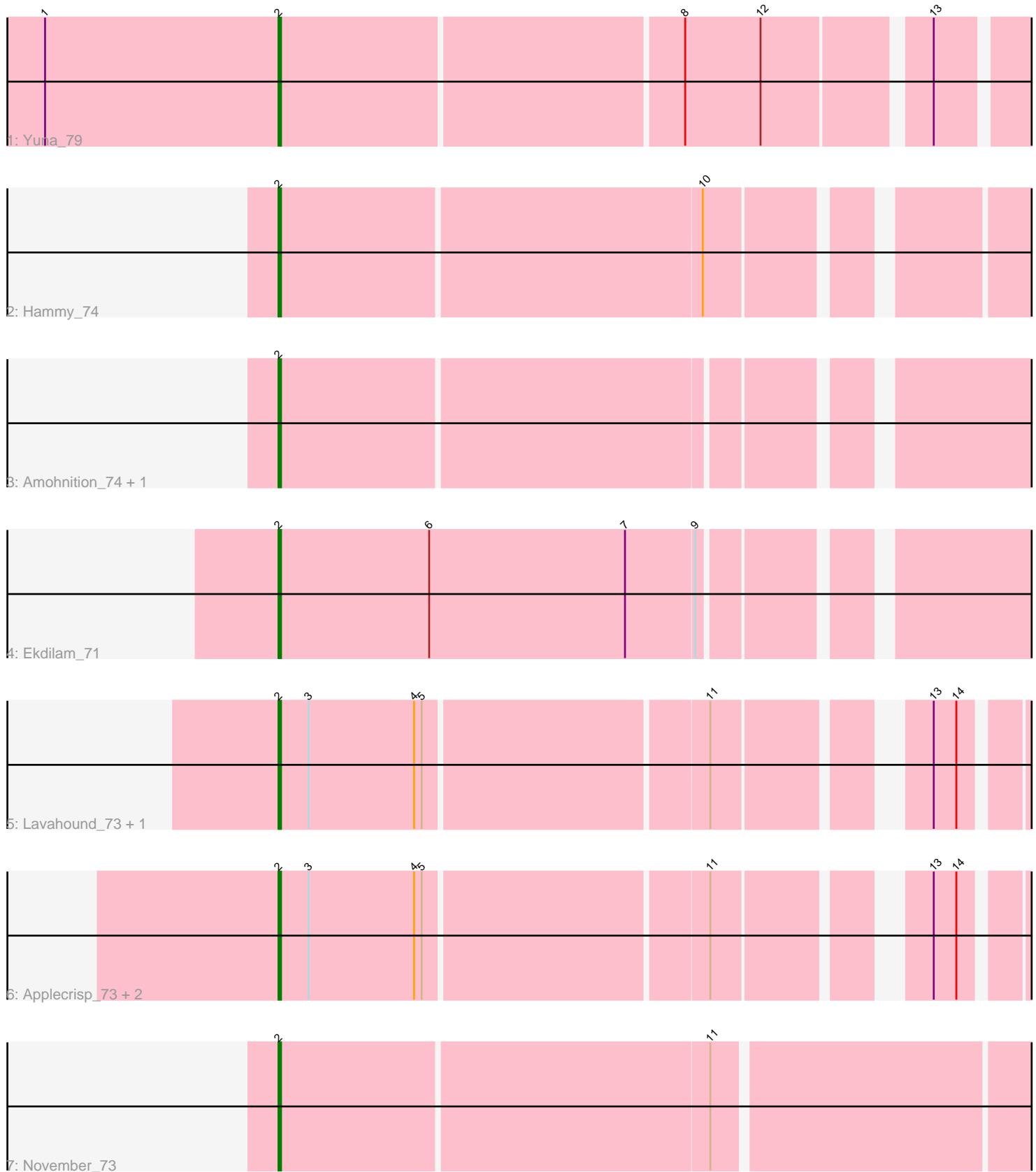


Pham 237598



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 237598 Report

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

Pham number 237598 has 11 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Yuna_79
- Track 2 : Hammy_74
- Track 3 : Amohnition_74, DarthP_74
- Track 4 : Ekdilam_71
- Track 5 : Lavahound_73, Amgine_74
- Track 6 : Applecrisp_73, Ellie_72, Fefferhead_75
- Track 7 : November_73

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Amgine_74, Amohnition_74, Applecrisp_73, DarthP_74, Ekdilam_71, Ellie_72, Fefferhead_75, Hammy_74, Lavahound_73, November_73, Yuna_79,

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: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amgine_74 (K6), Amohnition_74 (K6), Applecrisp_73 (K6), DarthP_74 (K6), Ekdilam_71 (K6), Ellie_72 (K6), Fefferhead_75 (K6), Hammy_74 (K6), Lavahound_73 (K6), November_73 (K6), Yuna_79 (K6),

Summary by clusters:

There is one cluster represented in this pham: K6

Info for manual annotations of cluster K6:

- Start number 2 was manually annotated 10 times for cluster K6.

Gene Information:

Gene: Amgine_74 Start: 50986, Stop: 51285, Start Num: 2

Candidate Starts for Amgine_74:

(Start: 2 @50986 has 10 MA's), (3, 50998), (4, 51040), (5, 51043), (11, 51151), (13, 51220), (14, 51229),

Gene: Amohnition_74 Start: 50844, Stop: 51173, Start Num: 2

Candidate Starts for Amohnition_74:

(Start: 2 @50844 has 10 MA's),

Gene: Applecrisp_73 Start: 50428, Stop: 50727, Start Num: 2

Candidate Starts for Applecrisp_73:

(Start: 2 @50428 has 10 MA's), (3, 50440), (4, 50482), (5, 50485), (11, 50593), (13, 50662), (14, 50671),

Gene: DarthP_74 Start: 50701, Stop: 51027, Start Num: 2

Candidate Starts for DarthP_74:

(Start: 2 @50701 has 10 MA's),

Gene: Ekdilam_71 Start: 50909, Stop: 51241, Start Num: 2

Candidate Starts for Ekdilam_71:

(Start: 2 @50909 has 10 MA's), (6, 50969), (7, 51047), (9, 51074),

Gene: Ellie_72 Start: 50155, Stop: 50454, Start Num: 2

Candidate Starts for Ellie_72:

(Start: 2 @50155 has 10 MA's), (3, 50167), (4, 50209), (5, 50212), (11, 50320), (13, 50389), (14, 50398),

Gene: Fefferhead_75 Start: 50216, Stop: 50515, Start Num: 2

Candidate Starts for Fefferhead_75:

(Start: 2 @50216 has 10 MA's), (3, 50228), (4, 50270), (5, 50273), (11, 50381), (13, 50450), (14, 50459),

Gene: Hammy_74 Start: 50686, Stop: 51006, Start Num: 2

Candidate Starts for Hammy_74:

(Start: 2 @50686 has 10 MA's), (10, 50851),

Gene: Lavahound_73 Start: 51120, Stop: 51419, Start Num: 2

Candidate Starts for Lavahound_73:

(Start: 2 @51120 has 10 MA's), (3, 51132), (4, 51174), (5, 51177), (11, 51285), (13, 51354), (14, 51363),

Gene: November_73 Start: 50586, Stop: 50921, Start Num: 2

Candidate Starts for November_73:

(Start: 2 @50586 has 10 MA's), (11, 50754),

Gene: Yuna_79 Start: 51844, Stop: 52158, Start Num: 2

Candidate Starts for Yuna_79:

(1, 51751), (Start: 2 @51844 has 10 MA's), (8, 52000), (12, 52030), (13, 52090),