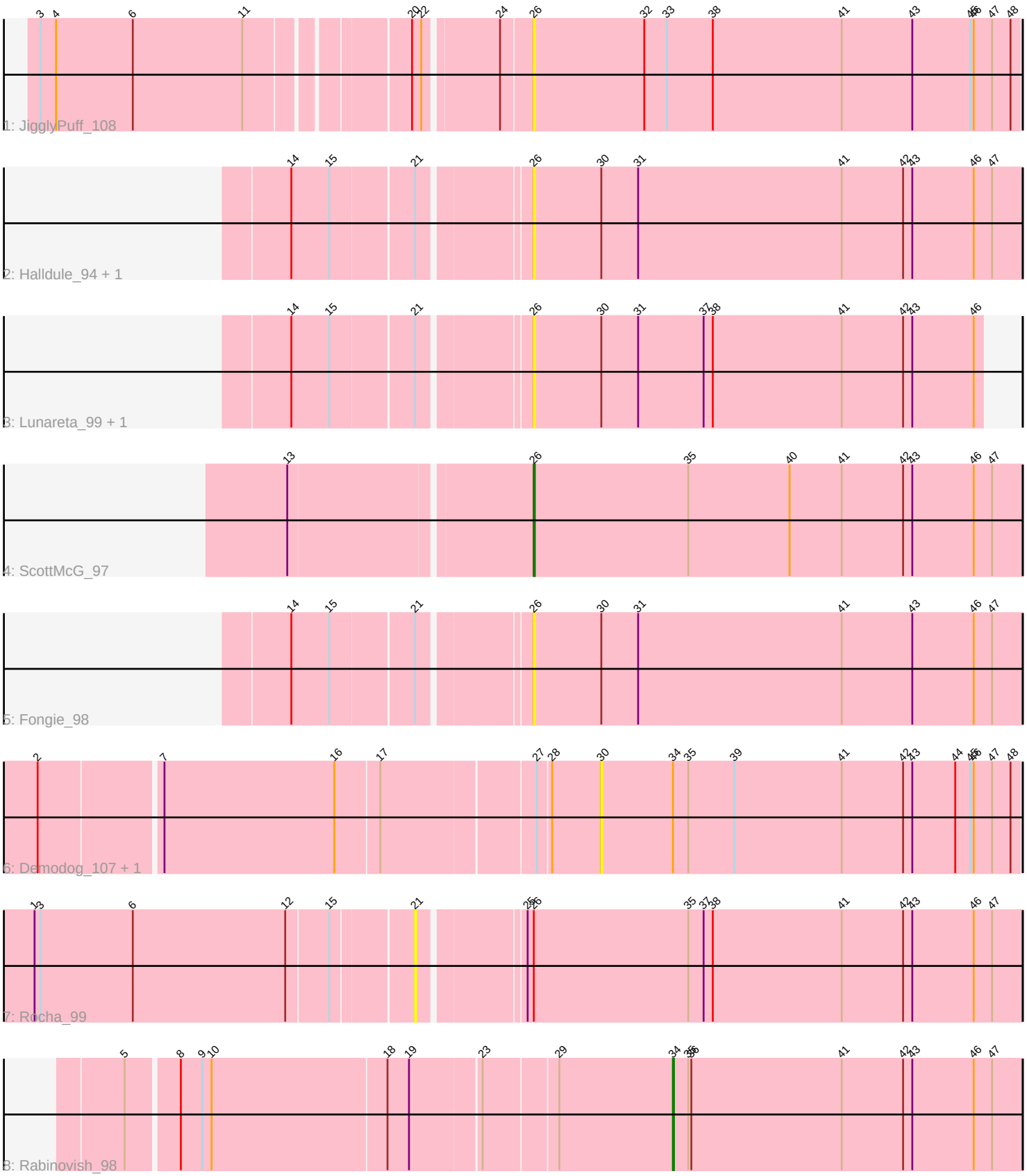
Pham 293330


1: JigglyPuff_108
2: Halldule_94 + 1
3: Lunareta_99 + 1
4: ScottMcG_97
5: Fongie_98
6: Demodog_107 + 1
7: Rocha_99
8: Rabinovish_98

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 293330 Report

This analysis was run 04/18/26 on database version 643.

Pham number 293330 has 11 members, 9 are drafts.

Phages represented in each track:
• Track 1 : JigglyPuff_108
• Track 2 : Halldule_94, OrediggerDelux_98
• Track 3 : Lunareta_99, Montpel_99
• Track 4 : ScottMcG_97
• Track 5 : Fongie_98
• Track 6 : Demodog_107, Concombre_107
• Track 7 : Rocha_99
• Track 8 : Rabinovish_98

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

The start number called the most often in the published annotations is 26, it was called in 1 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fongie_98, Halldule_94, JigglyPuff_108, Lunareta_99, Montpel_99, OrediggerDelux_98, ScottMcG_97,

Genes that have the "Most Annotated" start but do not call it:
• Rocha_99,

Genes that do not have the "Most Annotated" start:
• Concombre_107, Demodog_107, Rabinovish_98,

Summary by start number:

Start 21:
• Found in 6 of 11 (54.5%) of genes in pham
• No Manual Annotations of this start.
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Rocha_99 (C1),

Start 26:
• Found in 8 of 11 (72.7%) of genes in pham

• Manual Annotations of this start: 1 of 2
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Fongie_98 (C1), Halldule_94 (C1), JigglyPuff_108 (C1), Lunareta_99 (C1), Montpel_99 (C1), OrediggerDelux_98 (C1), ScottMcG_97 (C1),

Start 30:
• Found in 7 of 11 (63.6%) of genes in pham
• No Manual Annotations of this start.
• Called 28.6% of time when present
• Phage (with cluster) where this start called: Concombre_107 (C1), Demodog_107 (C1),

Start 34:
• Found in 3 of 11 (27.3%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Rabinovish_98 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:
•Start number 26 was manually annotated 1 time for cluster C1.
•Start number 34 was manually annotated 1 time for cluster C1.

Gene Information:

Gene: Concombre_107 Start: 53555, Stop: 53962, Start Num: 30
Candidate Starts for Concombre_107:
(2, 53030), (7, 53144), (16, 53309), (17, 53351), (27, 53495), (28, 53507), (30, 53555), (Start: 34 @53624 has 1 MA's), (35, 53639), (39, 53684), (41, 53789), (42, 53849), (43, 53858), (44, 53900), (45, 53915), (46, 53918), (47, 53936), (48, 53954),

Gene: Demodog_107 Start: 53555, Stop: 53962, Start Num: 30
Candidate Starts for Demodog_107:
(2, 53030), (7, 53144), (16, 53309), (17, 53351), (27, 53495), (28, 53507), (30, 53555), (Start: 34 @53624 has 1 MA's), (35, 53639), (39, 53684), (41, 53789), (42, 53849), (43, 53858), (44, 53900), (45, 53915), (46, 53918), (47, 53936), (48, 53954),

Gene: Fongie_98 Start: 50896, Stop: 51372, Start Num: 26
Candidate Starts for Fongie_98:
(14, 50683), (15, 50719), (21, 50797), (Start: 26 @50896 has 1 MA's), (30, 50962), (31, 50998), (41, 51196), (43, 51265), (46, 51325), (47, 51343),

Gene: Halldule_94 Start: 48667, Stop: 49143, Start Num: 26
Candidate Starts for Halldule_94:
(14, 48454), (15, 48490), (21, 48568), (Start: 26 @48667 has 1 MA's), (30, 48733), (31, 48769), (41, 48967), (42, 49027), (43, 49036), (46, 49096), (47, 49114),

Gene: JigglyPuff_108 Start: 53405, Stop: 53878, Start Num: 26
Candidate Starts for JigglyPuff_108:
(3, 52964), (4, 52979), (6, 53054), (11, 53159), (20, 53300), (22, 53309), (24, 53375), (Start: 26 @53405 has 1 MA's), (32, 53513), (33, 53534), (38, 53579), (41, 53705), (43, 53774), (45, 53831), (46, 53834), (47, 53852), (48, 53870),

Gene: Lunareta_99 Start: 52433, Stop: 52870, Start Num: 26
Candidate Starts for Lunareta_99:
(14, 52220), (15, 52256), (21, 52334), (Start: 26 @52433 has 1 MA's), (30, 52499), (31, 52535), (37, 52598), (38, 52607), (41, 52733), (42, 52793), (43, 52802), (46, 52862),

Gene: Montpel_99 Start: 52433, Stop: 52870, Start Num: 26
Candidate Starts for Montpel_99:
(14, 52220), (15, 52256), (21, 52334), (Start: 26 @52433 has 1 MA's), (30, 52499), (31, 52535), (37, 52598), (38, 52607), (41, 52733), (42, 52793), (43, 52802), (46, 52862),

Gene: OrediggerDelux_98 Start: 51826, Stop: 52302, Start Num: 26
Candidate Starts for OrediggerDelux_98:
(14, 51613), (15, 51649), (21, 51727), (Start: 26 @51826 has 1 MA's), (30, 51892), (31, 51928), (41, 52126), (42, 52186), (43, 52195), (46, 52255), (47, 52273),

Gene: Rabinovish_98 Start: 51482, Stop: 51823, Start Num: 34
Candidate Starts for Rabinovish_98:
(5, 50969), (8, 51017), (9, 51038), (10, 51047), (18, 51215), (19, 51236), (23, 51302), (29, 51371), (Start: 34 @51482 has 1 MA's), (35, 51497), (36, 51500), (41, 51647), (42, 51707), (43, 51716), (46, 51776), (47, 51794),

Gene: Rocha_99 Start: 50659, Stop: 51234, Start Num: 21
Candidate Starts for Rocha_99:
(1, 50302), (3, 50308), (6, 50398), (12, 50545), (15, 50584), (21, 50659), (25, 50752), (Start: 26 @50758 has 1 MA's), (35, 50908), (37, 50923), (38, 50932), (41, 51058), (42, 51118), (43, 51127), (46, 51187), (47, 51205),

Gene: ScottMcG_97 Start: 50254, Stop: 50730, Start Num: 26
Candidate Starts for ScottMcG_97:
(13, 50029), (Start: 26 @50254 has 1 MA's), (35, 50404), (40, 50503), (41, 50554), (42, 50614), (43, 50623), (46, 50683), (47, 50701),