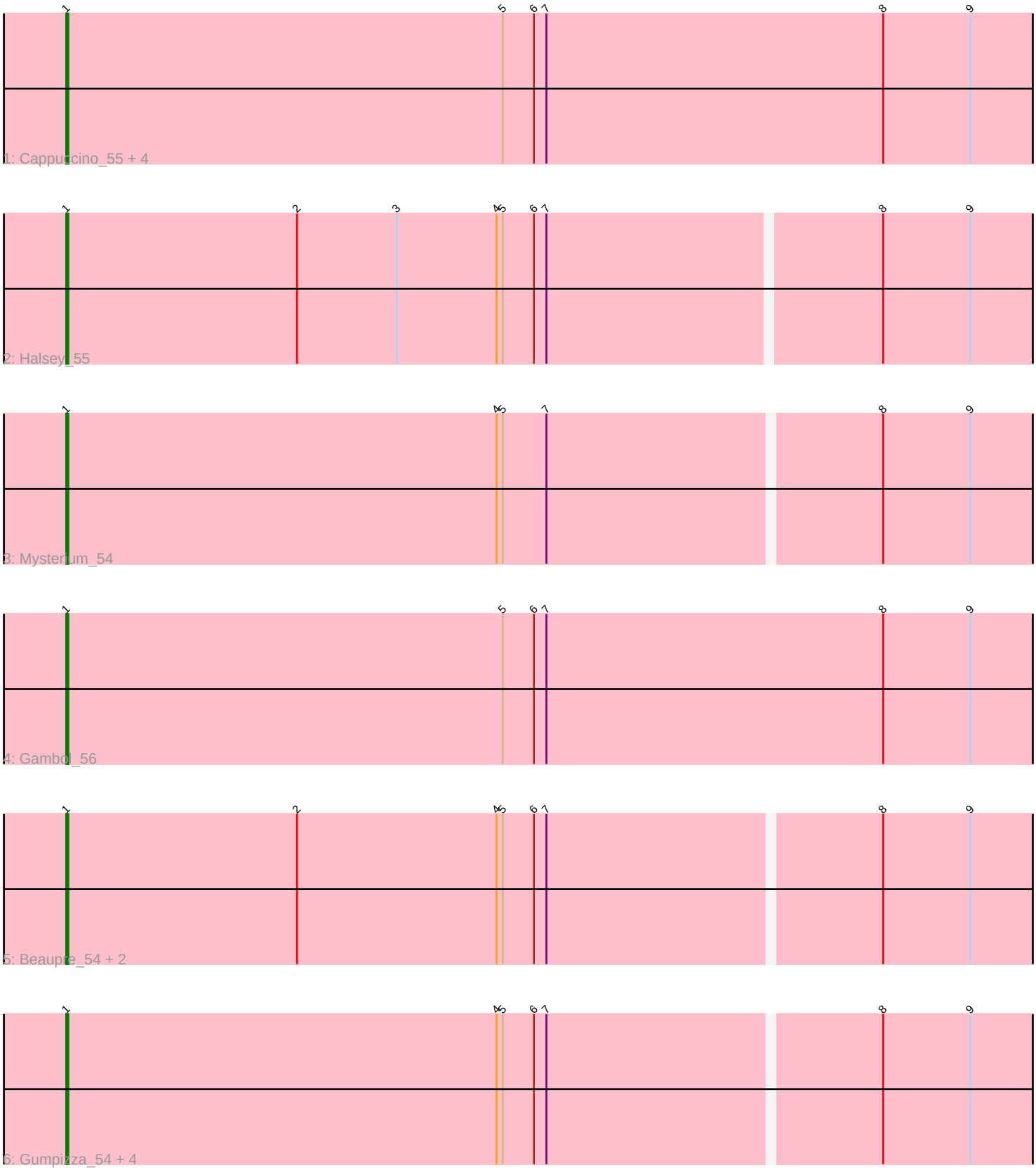
Pham 346253


1
5
6
7
8
9
1: Cappuccino_55 + 4
1
2
3
5
6
7
8
9
2: Halsey_55
1
5
7
8
9
3: Mysterium_54
1
5
6
7
8
9
4: Gambol_56
1
2
5
6
7
8
9
5: Beaupre_54 + 2
1
5
6
7
8
9
6: Gumpizza_54 + 4

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 346253 Report

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

Pham number 346253 has 16 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Cappuccino_55, Sabourin_55, Donkey_55, Sooty_55, Kalimba_55
• Track 2 : Halsey_55
• Track 3 : Mysterium_54
• Track 4 : Gambol_56
• Track 5 : Beaupre_54, Moss_55, SpecialK_55
• Track 6 : Gumpizza_54, RockScotty_54, Giorgio_54, Stuu_55, Ashes_55

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

The start number called the most often in the published annotations is 1, it was called in 16 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashes_55, Beaupre_54, Cappuccino_55, Donkey_55, Gambol_56, Giorgio_54, Gumpizza_54, Halsey_55, Kalimba_55, Moss_55, Mysterium_54, RockScotty_54, Sabourin_55, Sooty_55, SpecialK_55, Stuu_55,

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 1:
• Found in 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 16 of 16
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ashes_55 (AZ5), Beaupre_54 (AZ5), Cappuccino_55 (AZ5), Donkey_55 (AZ5), Gambol_56 (AZ5), Giorgio_54 (AZ5), Gumpizza_54 (AZ5), Halsey_55 (AZ5), Kalimba_55 (AZ5), Moss_55 (AZ5), Mysterium_54 (AZ5), RockScotty_54 (AZ5), Sabourin_55 (AZ5), Sooty_55 (AZ5), SpecialK_55 (AZ5), Stuu_55 (AZ5),

Summary by clusters:

There is one cluster represented in this pham: AZ5

Info for manual annotations of cluster AZ5:
•Start number 1 was manually annotated 16 times for cluster AZ5.

Gene Information:

Gene: Ashes_55 Start: 36894, Stop: 37373, Start Num: 1
Candidate Starts for Ashes_55:
(Start: 1 @36894 has 16 MA's), (4, 37101), (5, 37104), (6, 37119), (7, 37125), (8, 37281), (9, 37323),

Gene: Beaupre_54 Start: 36704, Stop: 37183, Start Num: 1
Candidate Starts for Beaupre_54:
(Start: 1 @36704 has 16 MA's), (2, 36815), (4, 36911), (5, 36914), (6, 36929), (7, 36935), (8, 37091), (9, 37133),

Gene: Cappuccino_55 Start: 36750, Stop: 37235, Start Num: 1
Candidate Starts for Cappuccino_55:
(Start: 1 @36750 has 16 MA's), (5, 36960), (6, 36975), (7, 36981), (8, 37143), (9, 37185),

Gene: Donkey_55 Start: 36740, Stop: 37225, Start Num: 1
Candidate Starts for Donkey_55:
(Start: 1 @36740 has 16 MA's), (5, 36950), (6, 36965), (7, 36971), (8, 37133), (9, 37175),

Gene: Gambol_56 Start: 36759, Stop: 37244, Start Num: 1
Candidate Starts for Gambol_56:
(Start: 1 @36759 has 16 MA's), (5, 36969), (6, 36984), (7, 36990), (8, 37152), (9, 37194),

Gene: Giorgio_54 Start: 36687, Stop: 37166, Start Num: 1
Candidate Starts for Giorgio_54:
(Start: 1 @36687 has 16 MA's), (4, 36894), (5, 36897), (6, 36912), (7, 36918), (8, 37074), (9, 37116),

Gene: Gumpizza_54 Start: 36643, Stop: 37122, Start Num: 1
Candidate Starts for Gumpizza_54:
(Start: 1 @36643 has 16 MA's), (4, 36850), (5, 36853), (6, 36868), (7, 36874), (8, 37030), (9, 37072),

Gene: Halsey_55 Start: 36884, Stop: 37363, Start Num: 1
Candidate Starts for Halsey_55:
(Start: 1 @36884 has 16 MA's), (2, 36995), (3, 37043), (4, 37091), (5, 37094), (6, 37109), (7, 37115), (8, 37271), (9, 37313),

Gene: Kalimba_55 Start: 36737, Stop: 37222, Start Num: 1
Candidate Starts for Kalimba_55:
(Start: 1 @36737 has 16 MA's), (5, 36947), (6, 36962), (7, 36968), (8, 37130), (9, 37172),

Gene: Moss_55 Start: 36825, Stop: 37310, Start Num: 1
Candidate Starts for Moss_55:

(Start: 1 @36825 has 16 MA's), (2, 36936), (4, 37032), (5, 37035), (6, 37050), (7, 37056), (8, 37218), (9, 37260),

Gene: Mysterium_54 Start: 36672, Stop: 37151, Start Num: 1
Candidate Starts for Mysterium_54:
(Start: 1 @36672 has 16 MA's), (4, 36879), (5, 36882), (7, 36903), (8, 37059), (9, 37101),

Gene: RockScotty_54 Start: 36667, Stop: 37146, Start Num: 1
Candidate Starts for RockScotty_54:
(Start: 1 @36667 has 16 MA's), (4, 36874), (5, 36877), (6, 36892), (7, 36898), (8, 37054), (9, 37096),

Gene: Sabourin_55 Start: 36738, Stop: 37223, Start Num: 1
Candidate Starts for Sabourin_55:
(Start: 1 @36738 has 16 MA's), (5, 36948), (6, 36963), (7, 36969), (8, 37131), (9, 37173),

Gene: Sooty_55 Start: 36752, Stop: 37237, Start Num: 1
Candidate Starts for Sooty_55:
(Start: 1 @36752 has 16 MA's), (5, 36962), (6, 36977), (7, 36983), (8, 37145), (9, 37187),

Gene: SpecialK_55 Start: 36734, Stop: 37219, Start Num: 1
Candidate Starts for SpecialK_55:
(Start: 1 @36734 has 16 MA's), (2, 36845), (4, 36941), (5, 36944), (6, 36959), (7, 36965), (8, 37127), (9, 37169),

Gene: Stuu_55 Start: 36849, Stop: 37328, Start Num: 1
Candidate Starts for Stuu_55:
(Start: 1 @36849 has 16 MA's), (4, 37056), (5, 37059), (6, 37074), (7, 37080), (8, 37236), (9, 37278),