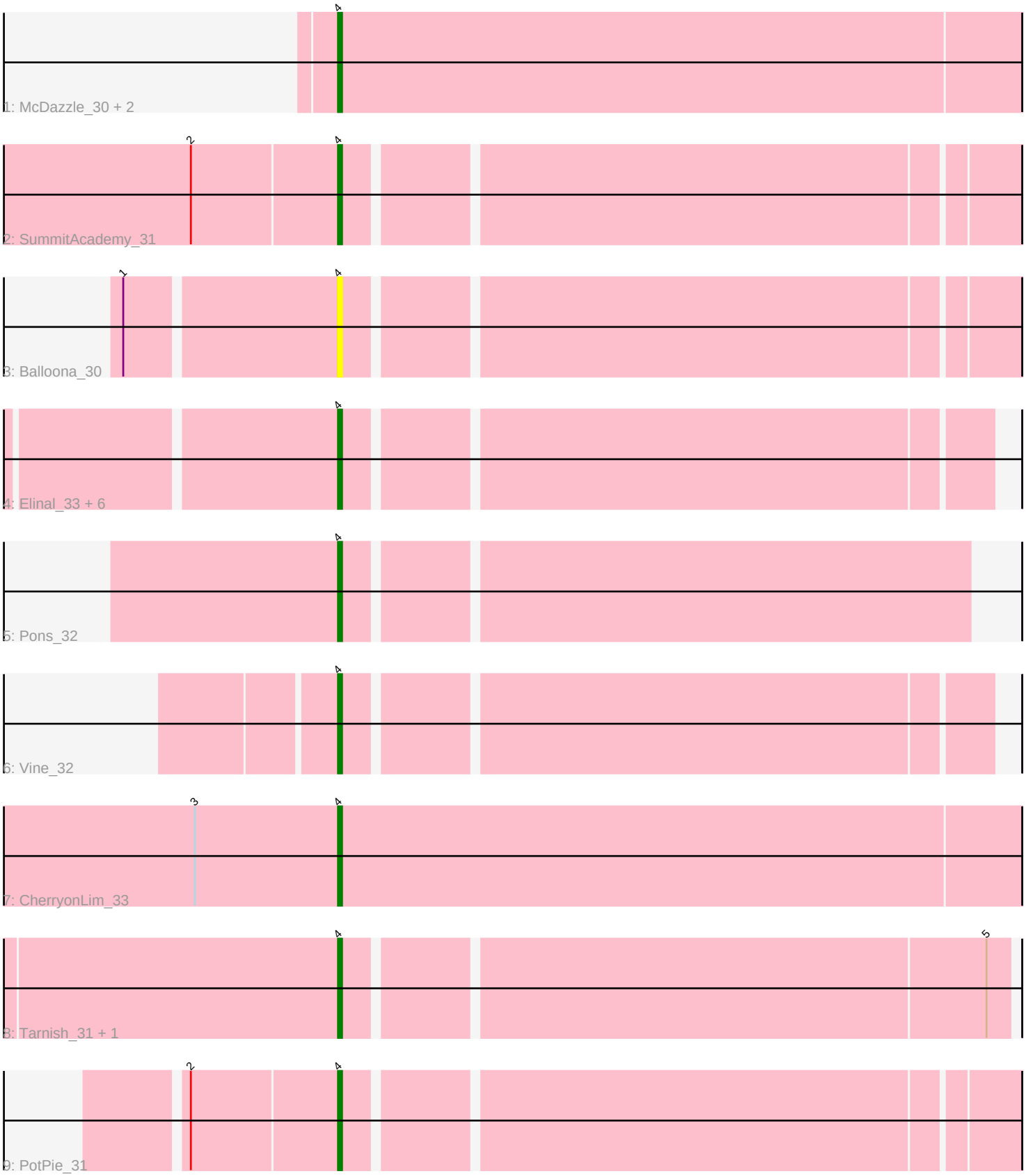
Pham 342620


4
1: McDazzle_30 + 2
2
4
2: SummitAcademy_31
1
4
3: Balloona_30
4
4: Elinal_33 + 6
4
5: Pons_32
4
6: Vine_32
3
4
7: CherryonLim_33
4
5
8: Tarnish_31 + 1
2
4
9: PotPie_31

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 342620 Report

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

Pham number 342620 has 18 members, 4 are drafts.

Phages represented in each track:
• Track 1 : McDazzle_30, SheckWes_31, ElJefes_30
• Track 2 : SummitAcademy_31
• Track 3 : Balloona_30
• Track 4 : Elinal_33, BigChungus_30, CocoaPuff_31, Mayweather_34, KayGee_32, Feastonyeet_30, Yucky_31
• Track 5 : Pons_32
• Track 6 : Vine_32
• Track 7 : CherryonLim_33
• Track 8 : Tarnish_31, Bavilard_30
• Track 9 : PotPie_31

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

The start number called the most often in the published annotations is 4, it was called in 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Balloona_30, Bavilard_30, BigChungus_30, CherryonLim_33, CocoaPuff_31, ElJefes_30, Elinal_33, Feastonyeet_30, KayGee_32, Mayweather_34, McDazzle_30, Pons_32, PotPie_31, SheckWes_31, SummitAcademy_31, Tarnish_31, Vine_32, Yucky_31,

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 4:
• Found in 18 of 18 (100.0%) of genes in pham
• Manual Annotations of this start: 14 of 14
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Balloona_30 (CT), Bavilard_30 (CT), BigChungus_30 (CT), CherryonLim_33 (CT), CocoaPuff_31 (CT), ElJefes_30 (CT), Elinal_33 (CT), Feastonyeet_30 (CT), KayGee_32 (CT), Mayweather_34 (CT), McDazzle_30 (CT), Pons_32 (CT), PotPie_31 (CT), SheckWes_31 (CT), SummitAcademy_31 (CT), Tarnish_31 (CT), Vine_32 (CT), Yucky_31 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:
•Start number 4 was manually annotated 14 times for cluster CT.

Gene Information:

Gene: Balloona_30 Start: 24793, Stop: 24632, Start Num: 4
Candidate Starts for Balloona_30:
(1, 24844), (Start: 4 @24793 has 14 MA's),

Gene: Bavilard_30 Start: 24727, Stop: 24566, Start Num: 4
Candidate Starts for Bavilard_30:
(Start: 4 @24727 has 14 MA's), (5, 24571),

Gene: BigChungus_30 Start: 24836, Stop: 24675, Start Num: 4
Candidate Starts for BigChungus_30:
(Start: 4 @24836 has 14 MA's),

Gene: CherryonLim_33 Start: 26012, Stop: 25842, Start Num: 4
Candidate Starts for CherryonLim_33:
(3, 26048), (Start: 4 @26012 has 14 MA's),

Gene: CocoaPuff_31 Start: 24734, Stop: 24573, Start Num: 4
Candidate Starts for CocoaPuff_31:
(Start: 4 @24734 has 14 MA's),

Gene: ElJefes_30 Start: 24638, Stop: 24468, Start Num: 4
Candidate Starts for ElJefes_30:
(Start: 4 @24638 has 14 MA's),

Gene: Elinal_33 Start: 25223, Stop: 25068, Start Num: 4
Candidate Starts for Elinal_33:
(Start: 4 @25223 has 14 MA's),

Gene: Feastonyeet_30 Start: 24836, Stop: 24675, Start Num: 4
Candidate Starts for Feastonyeet_30:
(Start: 4 @24836 has 14 MA's),

Gene: KayGee_32 Start: 25223, Stop: 25068, Start Num: 4
Candidate Starts for KayGee_32:
(Start: 4 @25223 has 14 MA's),

Gene: Mayweather_34 Start: 25841, Stop: 25707, Start Num: 4
Candidate Starts for Mayweather_34:
(Start: 4 @25841 has 14 MA's),

Gene: McDazzle_30 Start: 24632, Stop: 24462, Start Num: 4
Candidate Starts for McDazzle_30:
(Start: 4 @24632 has 14 MA's),

Gene: Pons_32 Start: 25231, Stop: 25079, Start Num: 4
Candidate Starts for Pons_32:
(Start: 4 @25231 has 14 MA's),

Gene: PotPie_31 Start: 26158, Stop: 25997, Start Num: 4
Candidate Starts for PotPie_31:
(2, 26194), (Start: 4 @26158 has 14 MA's),

Gene: SheckWes_31 Start: 24168, Stop: 23998, Start Num: 4
Candidate Starts for SheckWes_31:
(Start: 4 @24168 has 14 MA's),

Gene: SummitAcademy_31 Start: 25113, Stop: 24952, Start Num: 4
Candidate Starts for SummitAcademy_31:
(2, 25149), (Start: 4 @25113 has 14 MA's),

Gene: Tarnish_31 Start: 25317, Stop: 25156, Start Num: 4
Candidate Starts for Tarnish_31:
(Start: 4 @25317 has 14 MA's), (5, 25161),

Gene: Vine_32 Start: 25329, Stop: 25174, Start Num: 4
Candidate Starts for Vine_32:
(Start: 4 @25329 has 14 MA's),

Gene: Yucky_31 Start: 25188, Stop: 25033, Start Num: 4
Candidate Starts for Yucky_31:
(Start: 4 @25188 has 14 MA's),