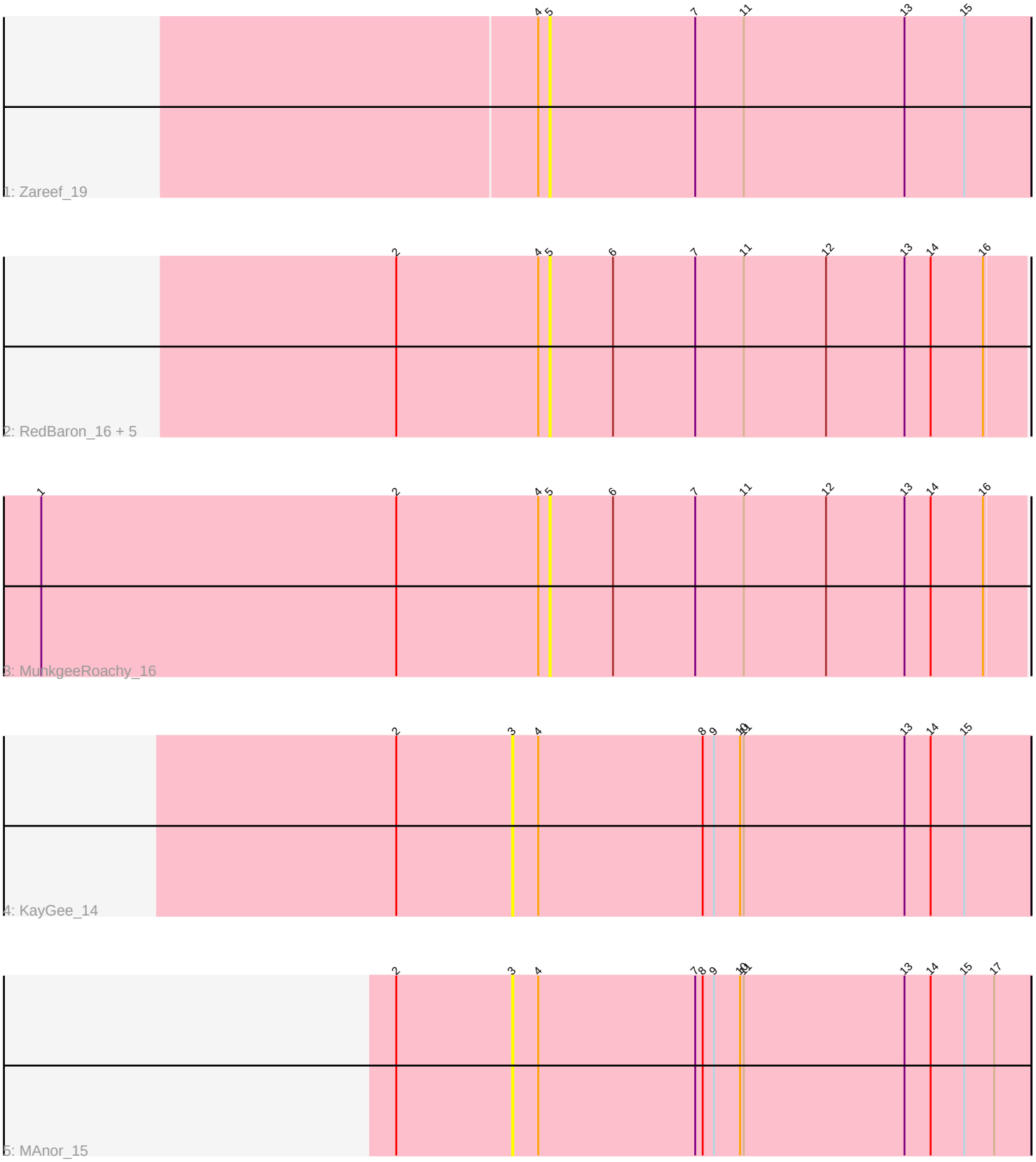
Pham 170514


4
5
7
11
13
15
1: Zareef_19
2
4
5
6
7
11
12
13
14
16
2: RedBaron_16 + 5
1
2
4
5
6
7
11
12
13
14
16
3: MunkgeeRoachy_16
2
3
4
8
9
13
14
15
4: KayGee_14
2
3
4
7
8
9
13
14
15
17
5: MAnor_15

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 170514 Report

This analysis was run 07/09/24 on database version 566.

Pham number 170514 has 10 members, 10 are drafts.

Phages represented in each track:
• Track 1 : Zareef_19
• Track 2 : RedBaron_16, Eliott_15, PsychoKiller_15, Typhonomachy_16, Sopespian_15, GoldHunter_16
• Track 3 : MunkgeeRoachy_16
• Track 4 : KayGee_14
• Track 5 : MAnor_15

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 3:
• Found in 2 of 10 (20.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: KayGee_14 (CT), MAnor_15 (CT),

Start 5:
• Found in 8 of 10 (80.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Eliott_15 (CT), GoldHunter_16 (CT), MunkgeeRoachy_16 (CT), PsychoKiller_15 (CT), RedBaron_16 (CT), Sopespian_15 (CT), Typhonomachy_16 (CT), Zareef_19 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Gene Information:

Gene: Eliott_15 Start: 9259, Stop: 9639, Start Num: 5
Candidate Starts for Eliott_15:
(2, 9136), (4, 9250), (5, 9259), (6, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: GoldHunter_16 Start: 9260, Stop: 9640, Start Num: 5
Candidate Starts for GoldHunter_16:
(2, 9137), (4, 9251), (5, 9260), (6, 9311), (7, 9377), (11, 9416), (12, 9482), (13, 9545), (14, 9566), (16, 9608),

Gene: KayGee_14 Start: 8975, Stop: 9391, Start Num: 3
Candidate Starts for KayGee_14:
(2, 8882), (3, 8975), (4, 8996), (8, 9128), (9, 9137), (10, 9158), (11, 9161), (13, 9290), (14, 9311), (15, 9338),

Gene: MAnor_15 Start: 8967, Stop: 9383, Start Num: 3
Candidate Starts for MAnor_15:
(2, 8874), (3, 8967), (4, 8988), (7, 9114), (8, 9120), (9, 9129), (10, 9150), (11, 9153), (13, 9282), (14, 9303), (15, 9330), (17, 9354),

Gene: MunkgeeRoachy_16 Start: 9307, Stop: 9687, Start Num: 5
Candidate Starts for MunkgeeRoachy_16:
(1, 8899), (2, 9184), (4, 9298), (5, 9307), (6, 9358), (7, 9424), (11, 9463), (12, 9529), (13, 9592), (14, 9613), (16, 9655),

Gene: PsychoKiller_15 Start: 9259, Stop: 9639, Start Num: 5
Candidate Starts for PsychoKiller_15:
(2, 9136), (4, 9250), (5, 9259), (6, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: RedBaron_16 Start: 9303, Stop: 9683, Start Num: 5
Candidate Starts for RedBaron_16:
(2, 9180), (4, 9294), (5, 9303), (6, 9354), (7, 9420), (11, 9459), (12, 9525), (13, 9588), (14, 9609), (16, 9651),

Gene: Sopespian_15 Start: 9260, Stop: 9640, Start Num: 5
Candidate Starts for Sopespian_15:
(2, 9137), (4, 9251), (5, 9260), (6, 9311), (7, 9377), (11, 9416), (12, 9482), (13, 9545), (14, 9566), (16, 9608),

Gene: Typhonomachy_16 Start: 9259, Stop: 9639, Start Num: 5
Candidate Starts for Typhonomachy_16:
(2, 9136), (4, 9250), (5, 9259), (6, 9310), (7, 9376), (11, 9415), (12, 9481), (13, 9544), (14, 9565), (16, 9607),

Gene: Zareef_19 Start: 10244, Stop: 10630, Start Num: 5
Candidate Starts for Zareef_19:
(4, 10235), (5, 10244), (7, 10361), (11, 10400), (13, 10529), (15, 10577),