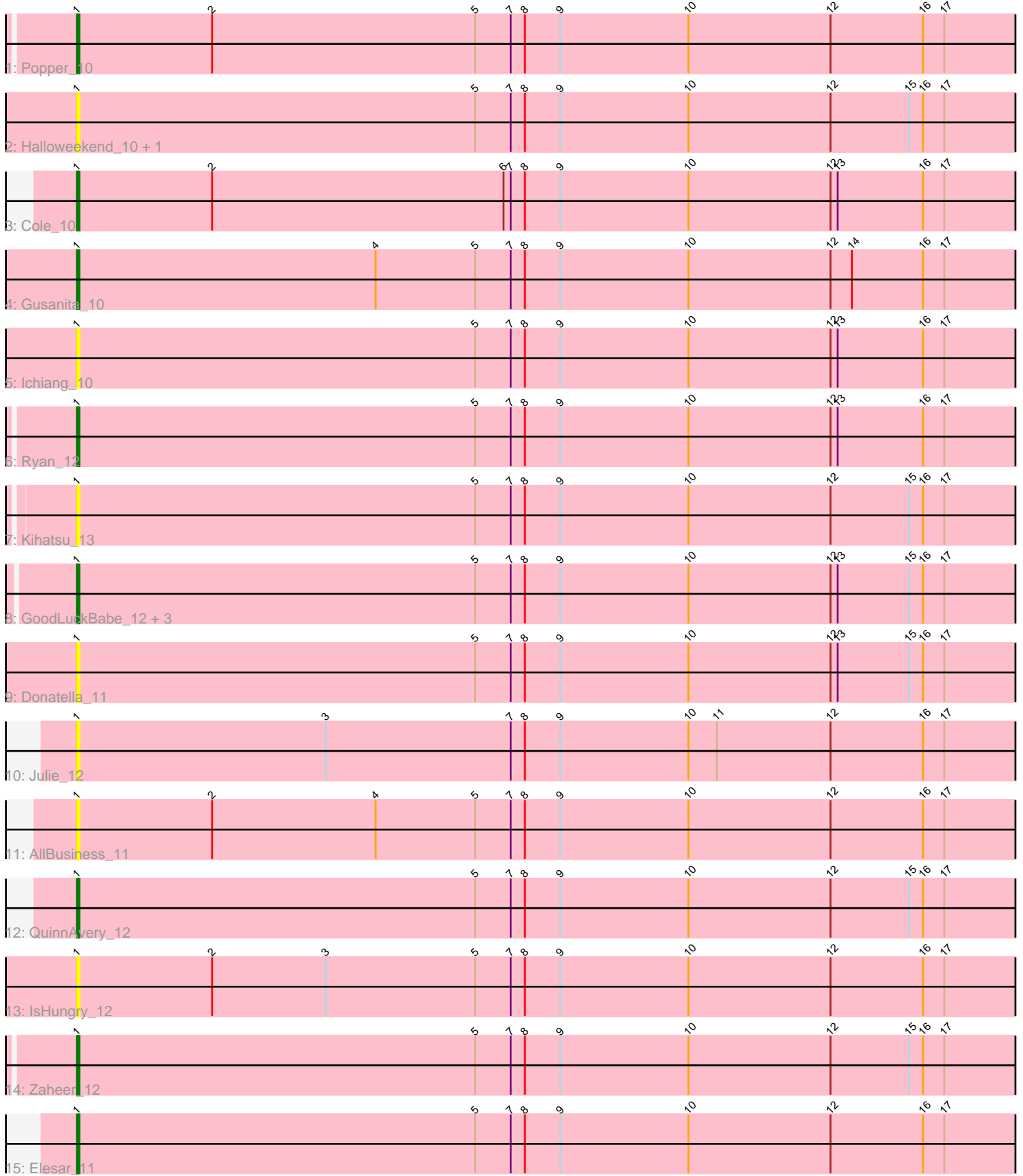


Pham 216599



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 216599 Report

This analysis was run 02/22/25 on database version 588.

Pham number 216599 has 19 members, 11 are drafts.

Phages represented in each track:

- Track 1 : Popper_10
- Track 2 : Halloweekend_10, Lenoxika_12
- Track 3 : Cole_10
- Track 4 : Gusanita_10
- Track 5 : Ichiang_10
- Track 6 : Ryan_12
- Track 7 : Kihatsu_13
- Track 8 : GoodLuckBabe_12, Guinevere_12, Nandita_12, Schism_12
- Track 9 : Donatella_11
- Track 10 : Julie_12
- Track 11 : AllBusiness_11
- Track 12 : QuinnAvery_12
- Track 13 : IsHungry_12
- Track 14 : Zaheer_12
- Track 15 : Elesar_11

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AllBusiness_11, Cole_10, Donatella_11, Elesar_11, GoodLuckBabe_12, Guinevere_12, Gusanita_10, Halloweekend_10, Ichiang_10, IsHungry_12, Julie_12, Kihatsu_13, Lenoxika_12, Nandita_12, Popper_10, QuinnAvery_12, Ryan_12, Schism_12, Zaheer_12,

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 19 of 19 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AllBusiness_11 (FF), Cole_10 (FF), Donatella_11 (FF), Elesar_11 (FF), GoodLuckBabe_12 (FF), Guinevere_12 (FF), Gusanita_10 (FF), Halloween_10 (FF), Ichiang_10 (FF), IsHungry_12 (FF), Julie_12 (FF), Kihatsu_13 (FF), Lenoxika_12 (FF), Nandita_12 (FF), Popper_10 (FF), QuinnAvery_12 (FF), Ryan_12 (FF), Schism_12 (FF), Zaheer_12 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:

- Start number 1 was manually annotated 8 times for cluster FF.

Gene Information:

Gene: AllBusiness_11 Start: 7831, Stop: 8232, Start Num: 1

Candidate Starts for AllBusiness_11:

(Start: 1 @7831 has 8 MA's), (2, 7888), (4, 7957), (5, 7999), (7, 8014), (8, 8020), (9, 8035), (10, 8089), (12, 8149), (16, 8188), (17, 8197),

Gene: Cole_10 Start: 7439, Stop: 7840, Start Num: 1

Candidate Starts for Cole_10:

(Start: 1 @7439 has 8 MA's), (2, 7496), (6, 7619), (7, 7622), (8, 7628), (9, 7643), (10, 7697), (12, 7757), (13, 7760), (16, 7796), (17, 7805),

Gene: Donatella_11 Start: 7906, Stop: 8307, Start Num: 1

Candidate Starts for Donatella_11:

(Start: 1 @7906 has 8 MA's), (5, 8074), (7, 8089), (8, 8095), (9, 8110), (10, 8164), (12, 8224), (13, 8227), (15, 8257), (16, 8263), (17, 8272),

Gene: Elesar_11 Start: 7829, Stop: 8230, Start Num: 1

Candidate Starts for Elesar_11:

(Start: 1 @7829 has 8 MA's), (5, 7997), (7, 8012), (8, 8018), (9, 8033), (10, 8087), (12, 8147), (16, 8186), (17, 8195),

Gene: GoodLuckBabe_12 Start: 7734, Stop: 8135, Start Num: 1

Candidate Starts for GoodLuckBabe_12:

(Start: 1 @7734 has 8 MA's), (5, 7902), (7, 7917), (8, 7923), (9, 7938), (10, 7992), (12, 8052), (13, 8055), (15, 8085), (16, 8091), (17, 8100),

Gene: Guinevere_12 Start: 7765, Stop: 8166, Start Num: 1

Candidate Starts for Guinevere_12:

(Start: 1 @7765 has 8 MA's), (5, 7933), (7, 7948), (8, 7954), (9, 7969), (10, 8023), (12, 8083), (13, 8086), (15, 8116), (16, 8122), (17, 8131),

Gene: Gusanita_10 Start: 7653, Stop: 8054, Start Num: 1

Candidate Starts for Gusanita_10:

(Start: 1 @7653 has 8 MA's), (4, 7779), (5, 7821), (7, 7836), (8, 7842), (9, 7857), (10, 7911), (12, 7971), (14, 7980), (16, 8010), (17, 8019),

Gene: Halloweekend_10 Start: 7406, Stop: 7807, Start Num: 1

Candidate Starts for Halloweekend_10:

(Start: 1 @7406 has 8 MA's), (5, 7574), (7, 7589), (8, 7595), (9, 7610), (10, 7664), (12, 7724), (15, 7757), (16, 7763), (17, 7772),

Gene: Ichiang_10 Start: 7421, Stop: 7822, Start Num: 1

Candidate Starts for Ichiang_10:

(Start: 1 @7421 has 8 MA's), (5, 7589), (7, 7604), (8, 7610), (9, 7625), (10, 7679), (12, 7739), (13, 7742), (16, 7778), (17, 7787),

Gene: IsHungry_12 Start: 7727, Stop: 8128, Start Num: 1

Candidate Starts for IsHungry_12:

(Start: 1 @7727 has 8 MA's), (2, 7784), (3, 7832), (5, 7895), (7, 7910), (8, 7916), (9, 7931), (10, 7985), (12, 8045), (16, 8084), (17, 8093),

Gene: Julie_12 Start: 7990, Stop: 8391, Start Num: 1

Candidate Starts for Julie_12:

(Start: 1 @7990 has 8 MA's), (3, 8095), (7, 8173), (8, 8179), (9, 8194), (10, 8248), (11, 8260), (12, 8308), (16, 8347), (17, 8356),

Gene: Kihatsu_13 Start: 8087, Stop: 8488, Start Num: 1

Candidate Starts for Kihatsu_13:

(Start: 1 @8087 has 8 MA's), (5, 8255), (7, 8270), (8, 8276), (9, 8291), (10, 8345), (12, 8405), (15, 8438), (16, 8444), (17, 8453),

Gene: Lenoxika_12 Start: 7767, Stop: 8168, Start Num: 1

Candidate Starts for Lenoxika_12:

(Start: 1 @7767 has 8 MA's), (5, 7935), (7, 7950), (8, 7956), (9, 7971), (10, 8025), (12, 8085), (15, 8118), (16, 8124), (17, 8133),

Gene: Nandita_12 Start: 7765, Stop: 8166, Start Num: 1

Candidate Starts for Nandita_12:

(Start: 1 @7765 has 8 MA's), (5, 7933), (7, 7948), (8, 7954), (9, 7969), (10, 8023), (12, 8083), (13, 8086), (15, 8116), (16, 8122), (17, 8131),

Gene: Popper_10 Start: 7293, Stop: 7694, Start Num: 1

Candidate Starts for Popper_10:

(Start: 1 @7293 has 8 MA's), (2, 7350), (5, 7461), (7, 7476), (8, 7482), (9, 7497), (10, 7551), (12, 7611), (16, 7650), (17, 7659),

Gene: QuinnAvery_12 Start: 7780, Stop: 8181, Start Num: 1

Candidate Starts for QuinnAvery_12:

(Start: 1 @7780 has 8 MA's), (5, 7948), (7, 7963), (8, 7969), (9, 7984), (10, 8038), (12, 8098), (15, 8131), (16, 8137), (17, 8146),

Gene: Ryan_12 Start: 7911, Stop: 8312, Start Num: 1

Candidate Starts for Ryan_12:

(Start: 1 @7911 has 8 MA's), (5, 8079), (7, 8094), (8, 8100), (9, 8115), (10, 8169), (12, 8229), (13, 8232), (16, 8268), (17, 8277),

Gene: Schism_12 Start: 7765, Stop: 8166, Start Num: 1

Candidate Starts for Schism_12:

(Start: 1 @7765 has 8 MA's), (5, 7933), (7, 7948), (8, 7954), (9, 7969), (10, 8023), (12, 8083), (13, 8086), (15, 8116), (16, 8122), (17, 8131),

Gene: Zaheer_12 Start: 8000, Stop: 8401, Start Num: 1

Candidate Starts for Zaheer_12:

(Start: 1 @8000 has 8 MA's), (5, 8168), (7, 8183), (8, 8189), (9, 8204), (10, 8258), (12, 8318), (15, 8351), (16, 8357), (17, 8366),