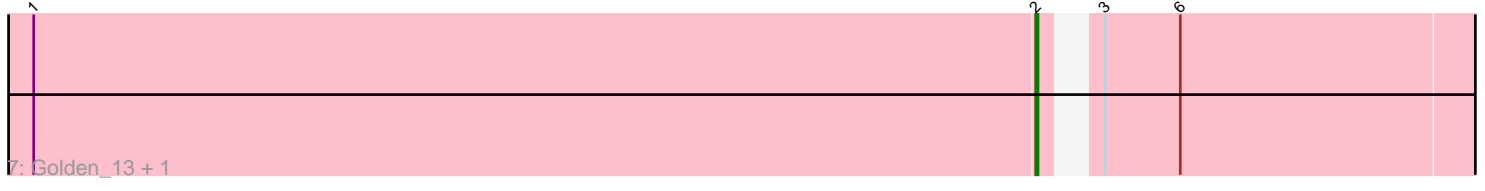
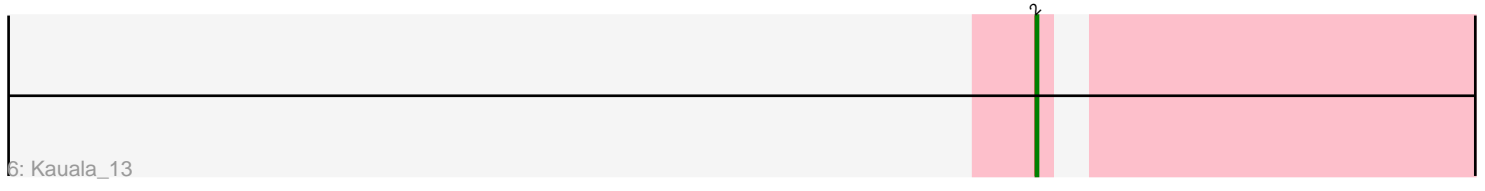
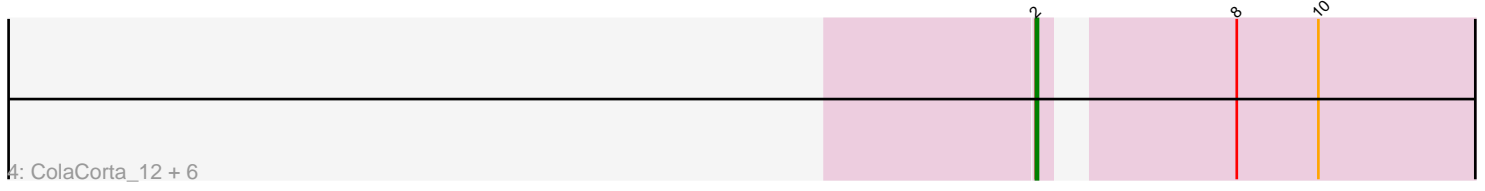
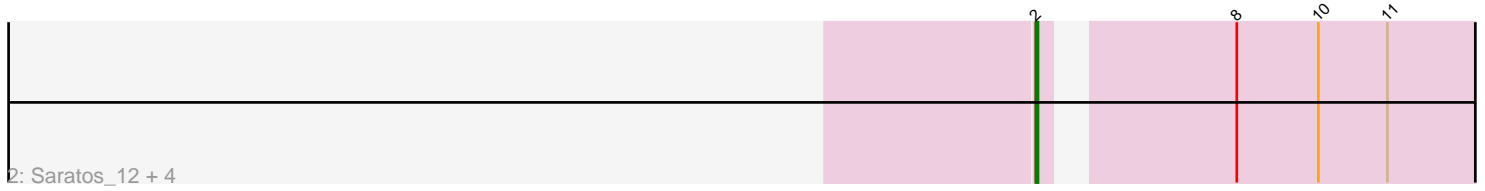
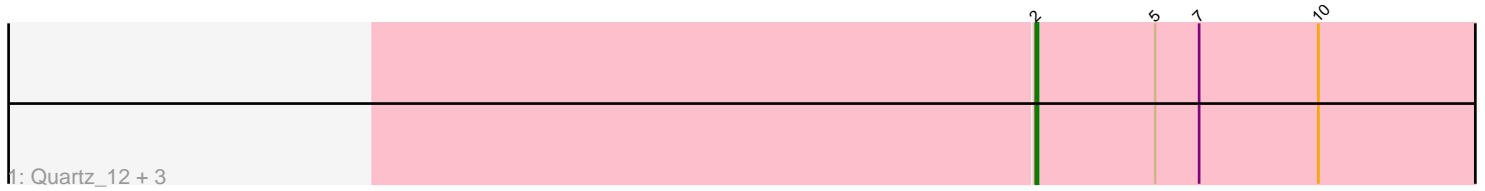


Pham 296913



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 296913 Report

This analysis was run 04/25/26 on database version 644.

Pham number 296913 has 24 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Quartz_12, Mandalorian_12, Nucci_12, Carostasia_12
- Track 2 : Saratos_12, Eleri_12, Shamu_12, Glamour_11, Finny_12
- Track 3 : PSirce_12, Xebius_11
- Track 4 : ColaCorta_12, ChikPic_12, Zenitsu_12, Andromedas_12, Sansa_11, MCubed_12, Phanita_12
- Track 5 : SirVictor_13, Guetzie_13
- Track 6 : Kauala_13
- Track 7 : Golden_13, Lucky3_13
- Track 8 : WilliamStrong_12

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

The start number called the most often in the published annotations is 2, it was called in 23 of the 23 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Andromedas_12, Carostasia_12, ChikPic_12, ColaCorta_12, Eleri_12, Finny_12, Glamour_11, Golden_13, Guetzie_13, Kauala_13, Lucky3_13, MCubed_12, Mandalorian_12, Nucci_12, PSirce_12, Phanita_12, Quartz_12, Sansa_11, Saratos_12, Shamu_12, SirVictor_13, WilliamStrong_12, Xebius_11, Zenitsu_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 2:

- Found in 24 of 24 (100.0%) of genes in pham
- Manual Annotations of this start: 23 of 23
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Andromedas_12 (EA2), Carostasia_12 (EA10), ChikPic_12 (EA2), ColaCorta_12 (EA2), Eleri_12 (EA2), Finny_12 (EA2), Glamour_11 (EA2), Golden_13 (EA4), Guetzie_13 (EA4), Kaula_13 (EA4), Lucky3_13 (EA4), MCubed_12 (EA2), Mandalorian_12 (EA10), Nucci_12 (EA10), PSirce_12 (EA2), Phanita_12 (EA2), Quartz_12 (EA10), Sansa_11 (EA2), Saratos_12 (EA2), Shamu_12 (EA2), SirVictor_13 (EA4), WilliamStrong_12 (EA6), Xebius_11 (EA2), Zenitsu_12 (EA2),

Summary by clusters:

There are 4 clusters represented in this pham: EA2, EA10, EA6, EA4,

Info for manual annotations of cluster EA10:

- Start number 2 was manually annotated 4 times for cluster EA10.

Info for manual annotations of cluster EA2:

- Start number 2 was manually annotated 13 times for cluster EA2.

Info for manual annotations of cluster EA4:

- Start number 2 was manually annotated 5 times for cluster EA4.

Info for manual annotations of cluster EA6:

- Start number 2 was manually annotated 1 time for cluster EA6.

Gene Information:

Gene: Andromedas_12 Start: 7650, Stop: 7910, Start Num: 2

Candidate Starts for Andromedas_12:

(Start: 2 @7650 has 23 MA's), (8, 7728), (10, 7767),

Gene: Carostasia_12 Start: 7815, Stop: 8102, Start Num: 2

Candidate Starts for Carostasia_12:

(Start: 2 @7815 has 23 MA's), (5, 7872), (7, 7893), (10, 7950),

Gene: ChikPic_12 Start: 7666, Stop: 7926, Start Num: 2

Candidate Starts for ChikPic_12:

(Start: 2 @7666 has 23 MA's), (8, 7744), (10, 7783),

Gene: ColaCorta_12 Start: 7650, Stop: 7910, Start Num: 2

Candidate Starts for ColaCorta_12:

(Start: 2 @7650 has 23 MA's), (8, 7728), (10, 7767),

Gene: Eleri_12 Start: 7663, Stop: 7923, Start Num: 2

Candidate Starts for Eleri_12:

(Start: 2 @7663 has 23 MA's), (8, 7741), (10, 7780), (11, 7813),

Gene: Finny_12 Start: 7650, Stop: 7910, Start Num: 2

Candidate Starts for Finny_12:

(Start: 2 @7650 has 23 MA's), (8, 7728), (10, 7767), (11, 7800),

Gene: Glamour_11 Start: 7651, Stop: 7911, Start Num: 2

Candidate Starts for Glamour_11:
(Start: 2 @7651 has 23 MA's), (8, 7729), (10, 7768), (11, 7801),

Gene: Golden_13 Start: 7951, Stop: 8181, Start Num: 2
Candidate Starts for Golden_13:
(1, 7474), (Start: 2 @7951 has 23 MA's), (3, 7966), (6, 8002),

Gene: Guetzie_13 Start: 7945, Stop: 8175, Start Num: 2
Candidate Starts for Guetzie_13:
(1, 7468), (Start: 2 @7945 has 23 MA's), (3, 7960), (5, 7984), (6, 7996),

Gene: Kauala_13 Start: 7869, Stop: 8105, Start Num: 2
Candidate Starts for Kauala_13:
(Start: 2 @7869 has 23 MA's),

Gene: Lucky3_13 Start: 7951, Stop: 8181, Start Num: 2
Candidate Starts for Lucky3_13:
(1, 7474), (Start: 2 @7951 has 23 MA's), (3, 7966), (6, 8002),

Gene: MCubed_12 Start: 7675, Stop: 7935, Start Num: 2
Candidate Starts for MCubed_12:
(Start: 2 @7675 has 23 MA's), (8, 7753), (10, 7792),

Gene: Mandalorian_12 Start: 7814, Stop: 8101, Start Num: 2
Candidate Starts for Mandalorian_12:
(Start: 2 @7814 has 23 MA's), (5, 7871), (7, 7892), (10, 7949),

Gene: Nucci_12 Start: 7802, Stop: 8089, Start Num: 2
Candidate Starts for Nucci_12:
(Start: 2 @7802 has 23 MA's), (5, 7859), (7, 7880), (10, 7937),

Gene: PSirce_12 Start: 7662, Stop: 7922, Start Num: 2
Candidate Starts for PSirce_12:
(Start: 2 @7662 has 23 MA's), (8, 7740), (10, 7779), (11, 7812),

Gene: Phanita_12 Start: 7650, Stop: 7910, Start Num: 2
Candidate Starts for Phanita_12:
(Start: 2 @7650 has 23 MA's), (8, 7728), (10, 7767),

Gene: Quartz_12 Start: 7815, Stop: 8102, Start Num: 2
Candidate Starts for Quartz_12:
(Start: 2 @7815 has 23 MA's), (5, 7872), (7, 7893), (10, 7950),

Gene: Sansa_11 Start: 7671, Stop: 7931, Start Num: 2
Candidate Starts for Sansa_11:
(Start: 2 @7671 has 23 MA's), (8, 7749), (10, 7788),

Gene: Saratos_12 Start: 7651, Stop: 7911, Start Num: 2
Candidate Starts for Saratos_12:
(Start: 2 @7651 has 23 MA's), (8, 7729), (10, 7768), (11, 7801),

Gene: Shamu_12 Start: 7663, Stop: 7923, Start Num: 2
Candidate Starts for Shamu_12:

(Start: 2 @7663 has 23 MA's), (8, 7741), (10, 7780), (11, 7813),

Gene: SirVictor_13 Start: 7945, Stop: 8175, Start Num: 2

Candidate Starts for SirVictor_13:

(1, 7468), (Start: 2 @7945 has 23 MA's), (3, 7960), (5, 7984), (6, 7996),

Gene: WilliamStrong_12 Start: 8631, Stop: 8936, Start Num: 2

Candidate Starts for WilliamStrong_12:

(Start: 2 @8631 has 23 MA's), (4, 8667), (9, 8739), (10, 8766), (12, 8811),

Gene: Xebius_11 Start: 7651, Stop: 7911, Start Num: 2

Candidate Starts for Xebius_11:

(Start: 2 @7651 has 23 MA's), (8, 7729), (10, 7768), (11, 7801),

Gene: Zenitsu_12 Start: 7675, Stop: 7935, Start Num: 2

Candidate Starts for Zenitsu_12:

(Start: 2 @7675 has 23 MA's), (8, 7753), (10, 7792),