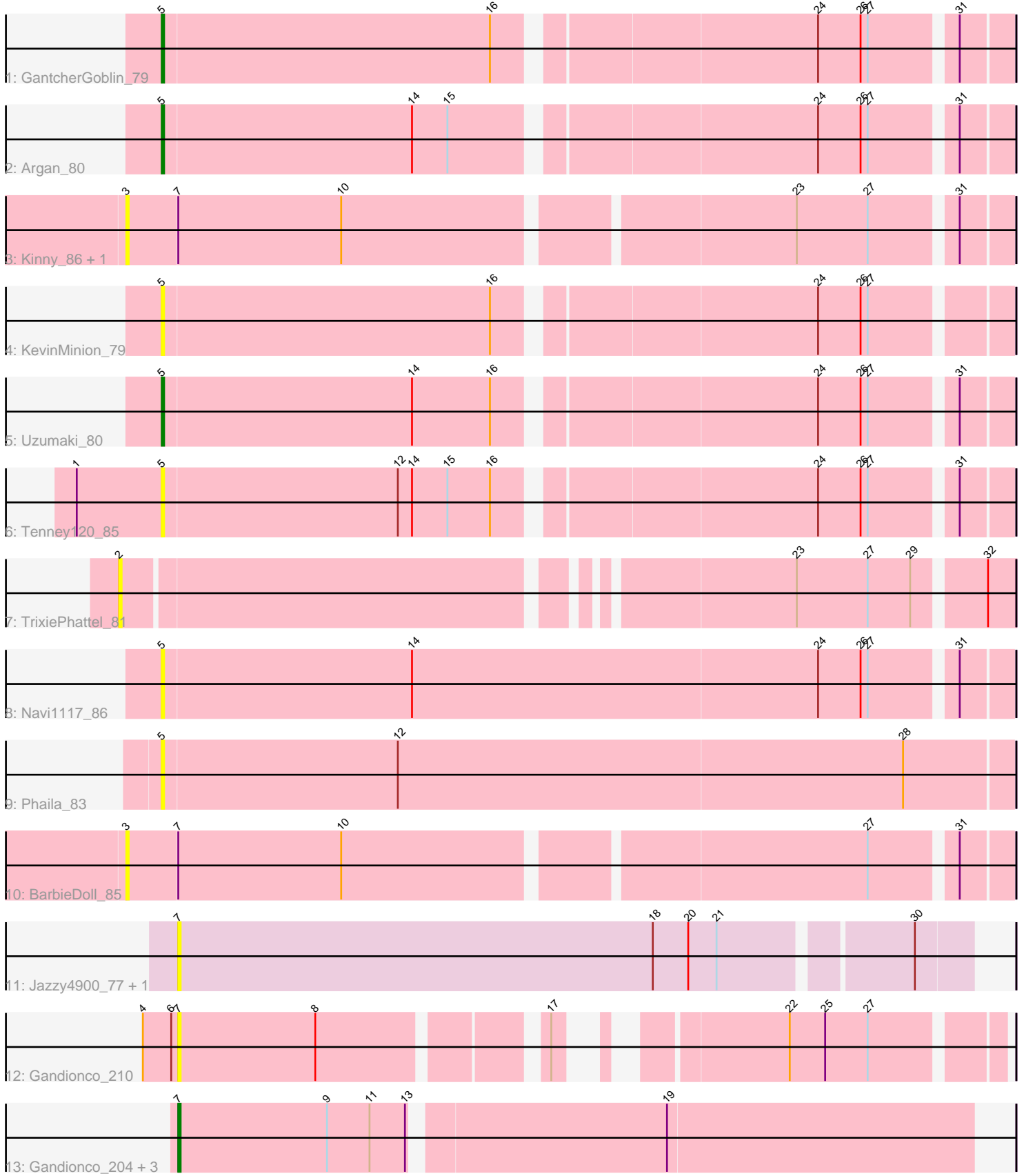


Pham 198452



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 198452 Report

This analysis was run 01/18/25 on database version 583.

Pham number 198452 has 18 members, 13 are drafts.

Phages represented in each track:

- Track 1 : GantcherGoblin_79
- Track 2 : Argan_80
- Track 3 : Kinny_86, Biscute_85
- Track 4 : KevinMinion_79
- Track 5 : Uzumaki_80
- Track 6 : Tenney120_85
- Track 7 : TrixiePhattel_81
- Track 8 : Navi1117_86
- Track 9 : Phaila_83
- Track 10 : BarbieDoll_85
- Track 11 : Jazzy4900_77, Sunny4976_76
- Track 12 : Gandionco_210
- Track 13 : Gandionco_204, Elver_202, Qui_206, Paella_206

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

The start number called the most often in the published annotations is 5, it was called in 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Argan_80, GantcherGoblin_79, KevinMinion_79, Navi1117_86, Phaila_83, Tenney120_85, Uzumaki_80,

Genes that have the "Most Annotated" start but do not call it:

-

Genes that do not have the "Most Annotated" start:

- BarbieDoll_85, Biscute_85, Elver_202, Gandionco_204, Gandionco_210, Jazzy4900_77, Kinny_86, Paella_206, Qui_206, Sunny4976_76, TrixiePhattel_81,

Summary by start number:

Start 2:

- Found in 1 of 18 (5.6%) of genes in pham

- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: TrixiePhattel_81 (AU6),

Start 3:

- Found in 3 of 18 (16.7%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BarbieDoll_85 (AU6), Biscute_85 (AU6), Kinny_86 (AU6),

Start 5:

- Found in 7 of 18 (38.9%) of genes in pham
- Manual Annotations of this start: 3 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Argan_80 (AU6), GantcherGoblin_79 (AU6), KevinMinion_79 (AU6), Navi1117_86 (AU6), Phaila_83 (AU6), Tenney120_85 (AU6), Uzumaki_80 (AU6),

Start 7:

- Found in 10 of 18 (55.6%) of genes in pham
- Manual Annotations of this start: 2 of 5
- Called 70.0% of time when present
- Phage (with cluster) where this start called: Elver_202 (FK), Gandionco_204 (FK), Gandionco_210 (FK), Jazzy4900_77 (FI), Paella_206 (FK), Qui_206 (FK), Sunny4976_76 (FI),

Summary by clusters:

There are 3 clusters represented in this pham: FI, FK, AU6,

Info for manual annotations of cluster AU6:

- Start number 5 was manually annotated 3 times for cluster AU6.

Info for manual annotations of cluster FK:

- Start number 7 was manually annotated 2 times for cluster FK.

Gene Information:

Gene: Argan_80 Start: 48128, Stop: 48466, Start Num: 5

Candidate Starts for Argan_80:

(Start: 5 @48128 has 3 MA's), (14, 48233), (15, 48248), (24, 48392), (26, 48410), (27, 48413), (31, 48446),

Gene: BarbieDoll_85 Start: 49719, Stop: 50072, Start Num: 3

Candidate Starts for BarbieDoll_85:

(3, 49719), (Start: 7 @49740 has 2 MA's), (10, 49809), (27, 50019), (31, 50052),

Gene: Biscute_85 Start: 49573, Stop: 49926, Start Num: 3

Candidate Starts for Biscute_85:

(3, 49573), (Start: 7 @49594 has 2 MA's), (10, 49663), (23, 49843), (27, 49873), (31, 49906),

Gene: Elver_202 Start: 96253, Stop: 96579, Start Num: 7

Candidate Starts for Elver_202:

(Start: 7 @96253 has 2 MA's), (9, 96316), (11, 96334), (13, 96349), (19, 96451),

Gene: Gandionco_210 Start: 97441, Stop: 97734, Start Num: 7

Candidate Starts for Gandionco_210:

(4, 97426), (6, 97438), (Start: 7 @97441 has 2 MA's), (8, 97498), (17, 97582), (22, 97651), (25, 97666), (27, 97684),

Gene: Gandionco_204 Start: 95814, Stop: 96140, Start Num: 7

Candidate Starts for Gandionco_204:

(Start: 7 @95814 has 2 MA's), (9, 95877), (11, 95895), (13, 95910), (19, 96012),

Gene: GantcherGoblin_79 Start: 48289, Stop: 48627, Start Num: 5

Candidate Starts for GantcherGoblin_79:

(Start: 5 @48289 has 3 MA's), (16, 48427), (24, 48553), (26, 48571), (27, 48574), (31, 48607),

Gene: Jazzy4900_77 Start: 50275, Stop: 50601, Start Num: 7

Candidate Starts for Jazzy4900_77:

(Start: 7 @50275 has 2 MA's), (18, 50476), (20, 50491), (21, 50503), (30, 50578),

Gene: KevinMinion_79 Start: 49079, Stop: 49417, Start Num: 5

Candidate Starts for KevinMinion_79:

(Start: 5 @49079 has 3 MA's), (16, 49217), (24, 49343), (26, 49361), (27, 49364),

Gene: Kinny_86 Start: 50400, Stop: 50753, Start Num: 3

Candidate Starts for Kinny_86:

(3, 50400), (Start: 7 @50421 has 2 MA's), (10, 50490), (23, 50670), (27, 50700), (31, 50733),

Gene: Navi1117_86 Start: 49835, Stop: 50185, Start Num: 5

Candidate Starts for Navi1117_86:

(Start: 5 @49835 has 3 MA's), (14, 49940), (24, 50111), (26, 50129), (27, 50132), (31, 50165),

Gene: Paella_206 Start: 97138, Stop: 97464, Start Num: 7

Candidate Starts for Paella_206:

(Start: 7 @97138 has 2 MA's), (9, 97201), (11, 97219), (13, 97234), (19, 97336),

Gene: Phaila_83 Start: 48308, Stop: 48664, Start Num: 5

Candidate Starts for Phaila_83:

(Start: 5 @48308 has 3 MA's), (12, 48407), (28, 48620),

Gene: Qui_206 Start: 97126, Stop: 97452, Start Num: 7

Candidate Starts for Qui_206:

(Start: 7 @97126 has 2 MA's), (9, 97189), (11, 97207), (13, 97222), (19, 97324),

Gene: Sunny4976_76 Start: 50275, Stop: 50601, Start Num: 7

Candidate Starts for Sunny4976_76:

(Start: 7 @50275 has 2 MA's), (18, 50476), (20, 50491), (21, 50503), (30, 50578),

Gene: Tenney120_85 Start: 49338, Stop: 49676, Start Num: 5

Candidate Starts for Tenney120_85:

(1, 49302), (Start: 5 @49338 has 3 MA's), (12, 49437), (14, 49443), (15, 49458), (16, 49476), (24, 49602), (26, 49620), (27, 49623), (31, 49656),

Gene: TrixiePhattel_81 Start: 47618, Stop: 47965, Start Num: 2

Candidate Starts for TrixiePhattel_81:

(2, 47618), (23, 47879), (27, 47909), (29, 47927), (32, 47954),

Gene: Uzumaki_80 Start: 48257, Stop: 48595, Start Num: 5

Candidate Starts for Uzumaki_80:

(Start: 5 @48257 has 3 MA's), (14, 48362), (16, 48395), (24, 48521), (26, 48539), (27, 48542), (31, 48575),