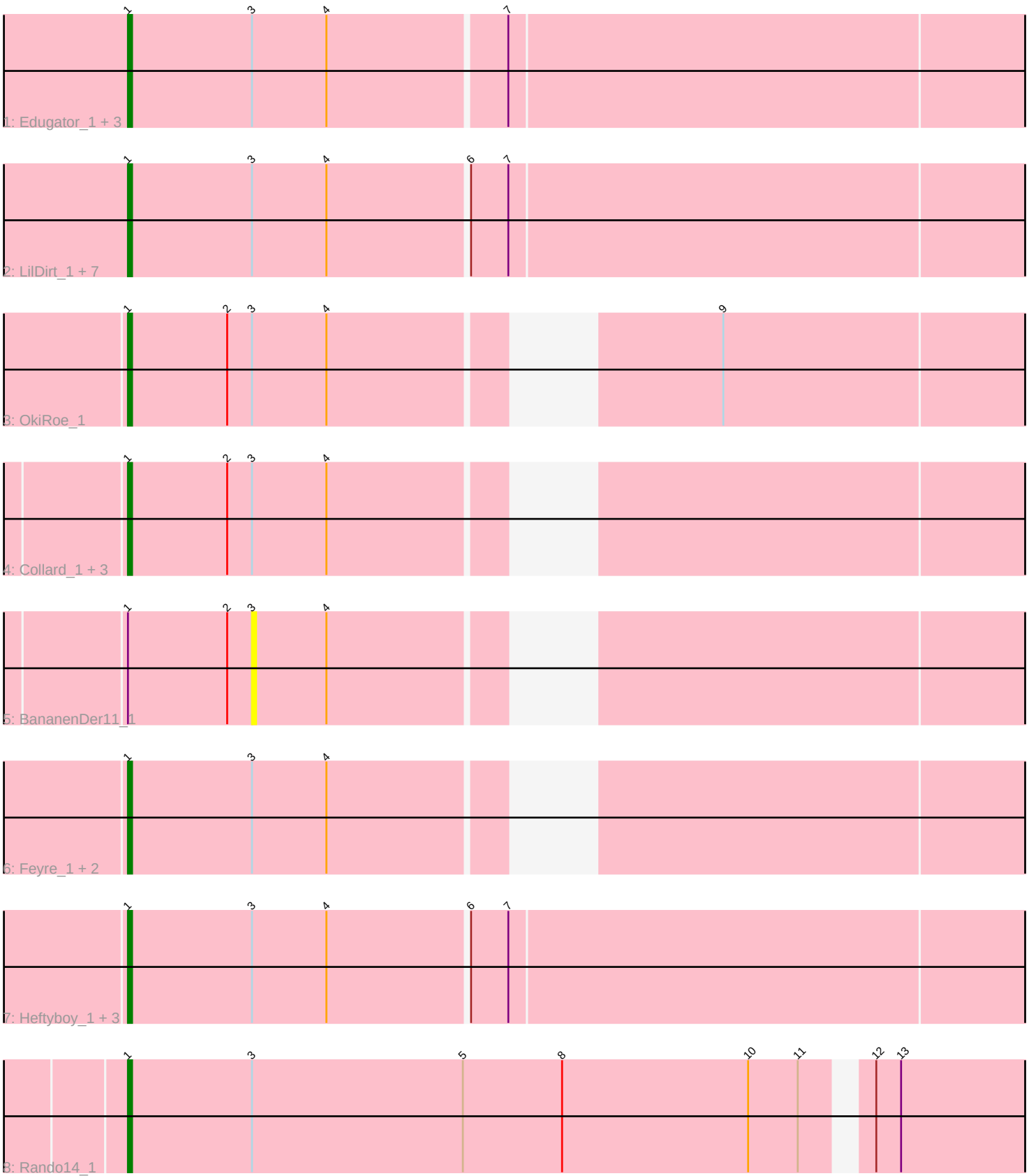
Pham 285837


1
3
4
7
1: Edugator_1 + 3
1
3
4
6
7
2: LilDirt_1 + 7
1
2
3
4
9
3: OkiRoe_1
1
2
3
4
4: Collard_1 + 3
1
2
3
4
5: BananenDer11_1
1
3
4
6: Feyre_1 + 2
1
3
4
6
7
7: Heftyboy_1 + 3
1
3
5
8
10
11
12
13
8: Rando14_1

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 285837 Report

This analysis was run 03/28/26 on database version 641.

Pham number 285837 has 26 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Edugator_1, Psycho_1, AlleyCat_1, Dadosky_1
• Track 2 : LilDirt_1, Agent47_1, InvictusManeo_1, ViviJ_1, Leston_1, Gengar_1, Larva_1, Neighly_1
• Track 3 : OkiRoe_1
• Track 4 : Collard_1, Paola_1, DoubleChamp_1, Guillsminger_1
• Track 5 : BananenDer11_1
• Track 6 : Feyre_1, Miryou_1, Thyatira_1
• Track 7 : Heftyboy_1, SoSeph_1, Kratio_1, Waterfoul_1
• Track 8 : Rando14_1

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 22 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Agent47_1, AlleyCat_1, Collard_1, Dadosky_1, DoubleChamp_1, Edugator_1, Feyre_1, Gengar_1, Guillsminger_1, Heftyboy_1, InvictusManeo_1, Kratio_1, Larva_1, Leston_1, LilDirt_1, Miryou_1, Neighly_1, OkiRoe_1, Paola_1, Psycho_1, Rando14_1, SoSeph_1, Thyatira_1, ViviJ_1, Waterfoul_1,

Genes that have the "Most Annotated" start but do not call it:
• BananenDer11_1,

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

Summary by start number:

Start 1:
• Found in 26 of 26 (100.0%) of genes in pham
• Manual Annotations of this start: 22 of 22
• Called 96.2% of time when present

• Phage (with cluster) where this start called: Agent47_1 (K5), AlleyCat_1 (K5), Collard_1 (K5), Dadosky_1 (K5), DoubleChamp_1 (K5), Edugator_1 (K5), Feyre_1 (K5), Gengar_1 (K5), Guillsminger_1 (K5), Heftyboy_1 (K5), InvictusManeo_1 (K5), Kratio_1 (K5), Larva_1 (K5), Leston_1 (K5), LilDirt_1 (K5), Miryou_1 (K5), Neighly_1 (K3), OkiRoe_1 (K5), Paola_1 (K5), Psycho_1 (K5), Rando14_1 (K5), SoSeph_1 (K5), Thyatira_1 (K5), ViviJ_1 (K5), Waterfoul_1 (K5),

Start 3:
• Found in 26 of 26 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 3.8% of time when present
• Phage (with cluster) where this start called: BananenDer11_1 (K5),

Summary by clusters:

There are 2 clusters represented in this pham: K3, K5,

Info for manual annotations of cluster K5:
•Start number 1 was manually annotated 22 times for cluster K5.

Gene Information:

Gene: Agent47_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Agent47_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: AlleyCat_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for AlleyCat_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (7, 145),

Gene: BananenDer11_1 Start: 83, Stop: 277, Start Num: 3
Candidate Starts for BananenDer11_1:
(Start: 1 @53 has 22 MA's), (2, 77), (3, 83), (4, 101),

Gene: Collard_1 Start: 53, Stop: 277, Start Num: 1
Candidate Starts for Collard_1:
(Start: 1 @53 has 22 MA's), (2, 77), (3, 83), (4, 101),

Gene: Dadosky_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Dadosky_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (7, 145),

Gene: DoubleChamp_1 Start: 53, Stop: 277, Start Num: 1
Candidate Starts for DoubleChamp_1:
(Start: 1 @53 has 22 MA's), (2, 77), (3, 83), (4, 101),

Gene: Edugator_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Edugator_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (7, 145),

Gene: Feyre_1 Start: 54, Stop: 278, Start Num: 1
Candidate Starts for Feyre_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102),

Gene: Gengar_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Gengar_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: Guillsminger_1 Start: 54, Stop: 278, Start Num: 1
Candidate Starts for Guillsminger_1:
(Start: 1 @54 has 22 MA's), (2, 78), (3, 84), (4, 102),

Gene: Heftyboy_1 Start: 54, Stop: 299, Start Num: 1
Candidate Starts for Heftyboy_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102), (6, 135), (7, 144),

Gene: InvictusManeo_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for InvictusManeo_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: Kratio_1 Start: 54, Stop: 302, Start Num: 1
Candidate Starts for Kratio_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102), (6, 135), (7, 144),

Gene: Larva_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Larva_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: Leston_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Leston_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: LilDirt_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for LilDirt_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: Miryou_1 Start: 54, Stop: 278, Start Num: 1
Candidate Starts for Miryou_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102),

Gene: Neighly_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for Neighly_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: OkiRoe_1 Start: 54, Stop: 278, Start Num: 1
Candidate Starts for OkiRoe_1:
(Start: 1 @54 has 22 MA's), (2, 78), (3, 84), (4, 102), (9, 174),

Gene: Paola_1 Start: 54, Stop: 278, Start Num: 1
Candidate Starts for Paola_1:
(Start: 1 @54 has 22 MA's), (2, 78), (3, 84), (4, 102),

Gene: Psycho_1 Start: 55, Stop: 303, Start Num: 1

Candidate Starts for Psycho_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (7, 145),

Gene: Rando14_1 Start: 53, Stop: 307, Start Num: 1
Candidate Starts for Rando14_1:
(Start: 1 @53 has 22 MA's), (3, 83), (5, 134), (8, 158), (10, 203), (11, 215), (12, 227), (13, 233),

Gene: SoSeph_1 Start: 54, Stop: 299, Start Num: 1
Candidate Starts for SoSeph_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102), (6, 135), (7, 144),

Gene: Thyatira_1 Start: 54, Stop: 278, Start Num: 1
Candidate Starts for Thyatira_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102),

Gene: ViviJ_1 Start: 55, Stop: 303, Start Num: 1
Candidate Starts for ViviJ_1:
(Start: 1 @55 has 22 MA's), (3, 85), (4, 103), (6, 136), (7, 145),

Gene: Waterfoul_1 Start: 54, Stop: 299, Start Num: 1
Candidate Starts for Waterfoul_1:
(Start: 1 @54 has 22 MA's), (3, 84), (4, 102), (6, 135), (7, 144),