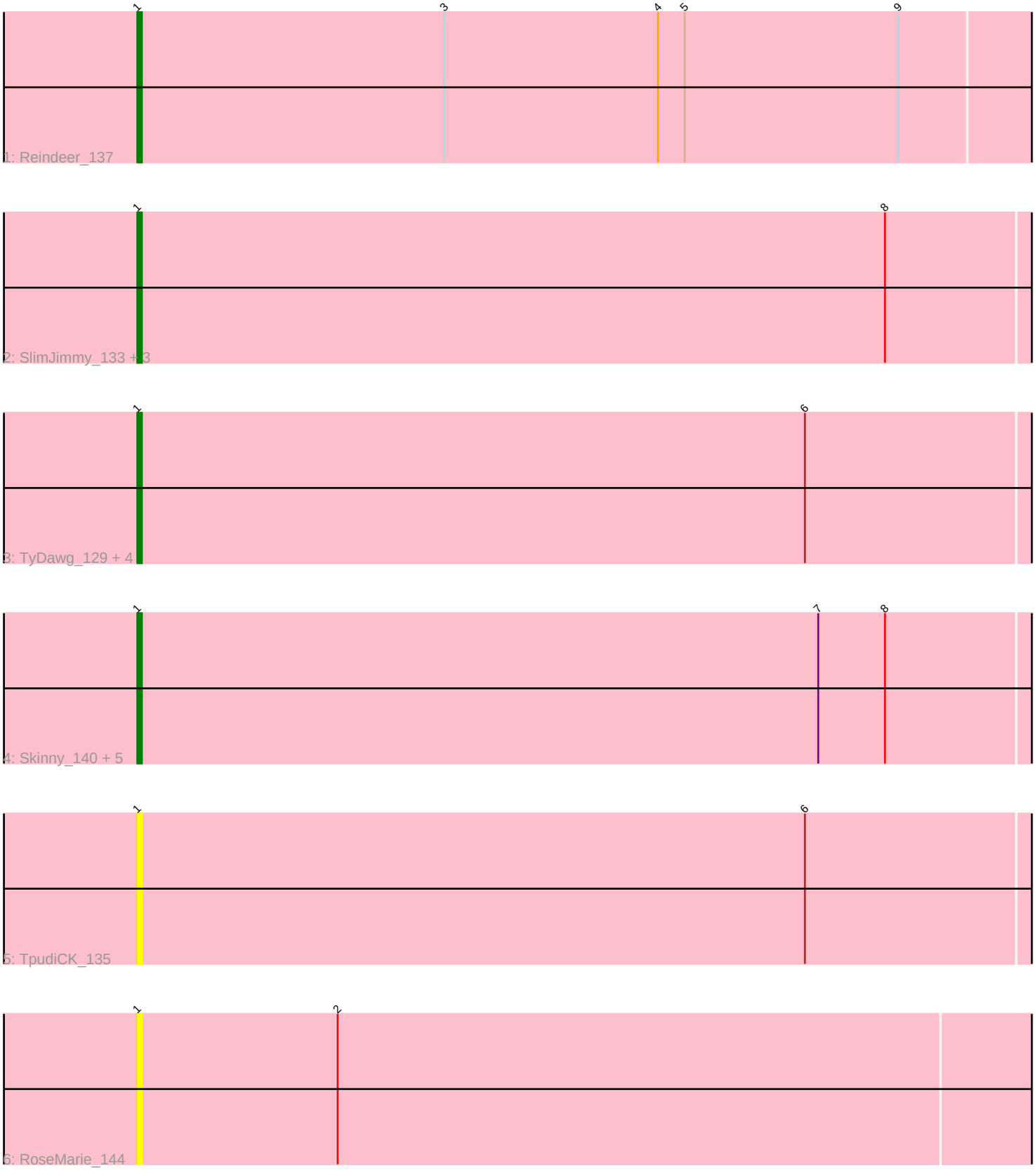
Pham 344458


1
3
4
5
9
1: Reindeer_137
1
8
2: SlimJimmy_133 + 3
1
6
3: TyDawg_129 + 4
1
7
8
4: Skinny_140 + 5
1
6
5: TpudiCK_135
1
2
6: RoseMarie_144

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 344458 Report

This analysis was run 11/14/26 on database version 672.

Pham number 344458 has 18 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Reindeer_137
• Track 2 : SlimJimmy_133, Bongo_133, LilhomieP_134, KleverKiS_137
• Track 3 : TyDawg_129, Auspice_134, FreakyGoo_134, IPhane7_132, Bricole_136
• Track 4 : Skinny_140, Izel_134, Dulcita_134, Glaske16_136, Diminimus_134, PegLeg_137
• Track 5 : TpudiCK_135
• Track 6 : RoseMarie_144

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 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Auspice_134, Bongo_133, Bricole_136, Diminimus_134, Dulcita_134, FreakyGoo_134, Glaske16_136, IPhane7_132, Izel_134, KleverKiS_137, LilhomieP_134, PegLeg_137, Reindeer_137, RoseMarie_144, Skinny_140, SlimJimmy_133, TpudiCK_135, TyDawg_129,

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 18 of 18 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Auspice_134 (M1), Bongo_133 (M1), Bricole_136 (M1), Diminimus_134 (M1), Dulcita_134 (M1), FreakyGoo_134 (M1), Glaske16_136 (M1), IPhane7_132 (M1), Izel_134 (M1), KleverKiS_137 (M1),

LilhomieP_134 (M1), PegLeg_137 (M1), Reindeer_137 (M1), RoseMarie_144 (M1), Skinny_140 (M1), SlimJimmy_133 (M1), TpudiCK_135 (M1), TyDawg_129 (M1),

Summary by clusters:

There is one cluster represented in this pham: M1

Info for manual annotations of cluster M1:
•Start number 1 was manually annotated 15 times for cluster M1.

Gene Information:

Gene: Auspice_134 Start: 70809, Stop: 70579, Start Num: 1
Candidate Starts for Auspice_134:
(Start: 1 @70809 has 15 MA's), (6, 70659),

Gene: Bongo_133 Start: 70428, Stop: 70198, Start Num: 1
Candidate Starts for Bongo_133:
(Start: 1 @70428 has 15 MA's), (8, 70260),

Gene: Bricole_136 Start: 70573, Stop: 70343, Start Num: 1
Candidate Starts for Bricole_136:
(Start: 1 @70573 has 15 MA's), (6, 70423),

Gene: Diminimus_134 Start: 70244, Stop: 70014, Start Num: 1
Candidate Starts for Diminimus_134:
(Start: 1 @70244 has 15 MA's), (7, 70091), (8, 70076),

Gene: Dulcita_134 Start: 70245, Stop: 70015, Start Num: 1
Candidate Starts for Dulcita_134:
(Start: 1 @70245 has 15 MA's), (7, 70092), (8, 70077),

Gene: FreakyGoo_134 Start: 70726, Stop: 70496, Start Num: 1
Candidate Starts for FreakyGoo_134:
(Start: 1 @70726 has 15 MA's), (6, 70576),

Gene: Glaske16_136 Start: 71363, Stop: 71133, Start Num: 1
Candidate Starts for Glaske16_136:
(Start: 1 @71363 has 15 MA's), (7, 71210), (8, 71195),

Gene: IPhane7_132 Start: 70425, Stop: 70195, Start Num: 1
Candidate Starts for IPhane7_132:
(Start: 1 @70425 has 15 MA's), (6, 70275),

Gene: Izel_134 Start: 70244, Stop: 70014, Start Num: 1
Candidate Starts for Izel_134:
(Start: 1 @70244 has 15 MA's), (7, 70091), (8, 70076),

Gene: KleverKiS_137 Start: 71481, Stop: 71251, Start Num: 1
Candidate Starts for KleverKiS_137:
(Start: 1 @71481 has 15 MA's), (8, 71313),

Gene: LilhomieP_134 Start: 71274, Stop: 71044, Start Num: 1
Candidate Starts for LilhomieP_134:
(Start: 1 @71274 has 15 MA's), (8, 71106),

Gene: PegLeg_137 Start: 71158, Stop: 70928, Start Num: 1
Candidate Starts for PegLeg_137:
(Start: 1 @71158 has 15 MA's), (7, 71005), (8, 70990),

Gene: Reindeer_137 Start: 72599, Stop: 72369, Start Num: 1
Candidate Starts for Reindeer_137:
(Start: 1 @72599 has 15 MA's), (3, 72530), (4, 72482), (5, 72476), (9, 72428),

Gene: RoseMarie_144 Start: 74378, Stop: 74148, Start Num: 1
Candidate Starts for RoseMarie_144:
(Start: 1 @74378 has 15 MA's), (2, 74333),

Gene: Skinny_140 Start: 72275, Stop: 72045, Start Num: 1
Candidate Starts for Skinny_140:
(Start: 1 @72275 has 15 MA's), (7, 72122), (8, 72107),

Gene: SlimJimmy_133 Start: 70984, Stop: 70754, Start Num: 1
Candidate Starts for SlimJimmy_133:
(Start: 1 @70984 has 15 MA's), (8, 70816),

Gene: TpudiCK_135 Start: 70246, Stop: 70016, Start Num: 1
Candidate Starts for TpudiCK_135:
(Start: 1 @70246 has 15 MA's), (6, 70096),

Gene: TyDawg_129 Start: 70428, Stop: 70198, Start Num: 1
Candidate Starts for TyDawg_129:
(Start: 1 @70428 has 15 MA's), (6, 70278),