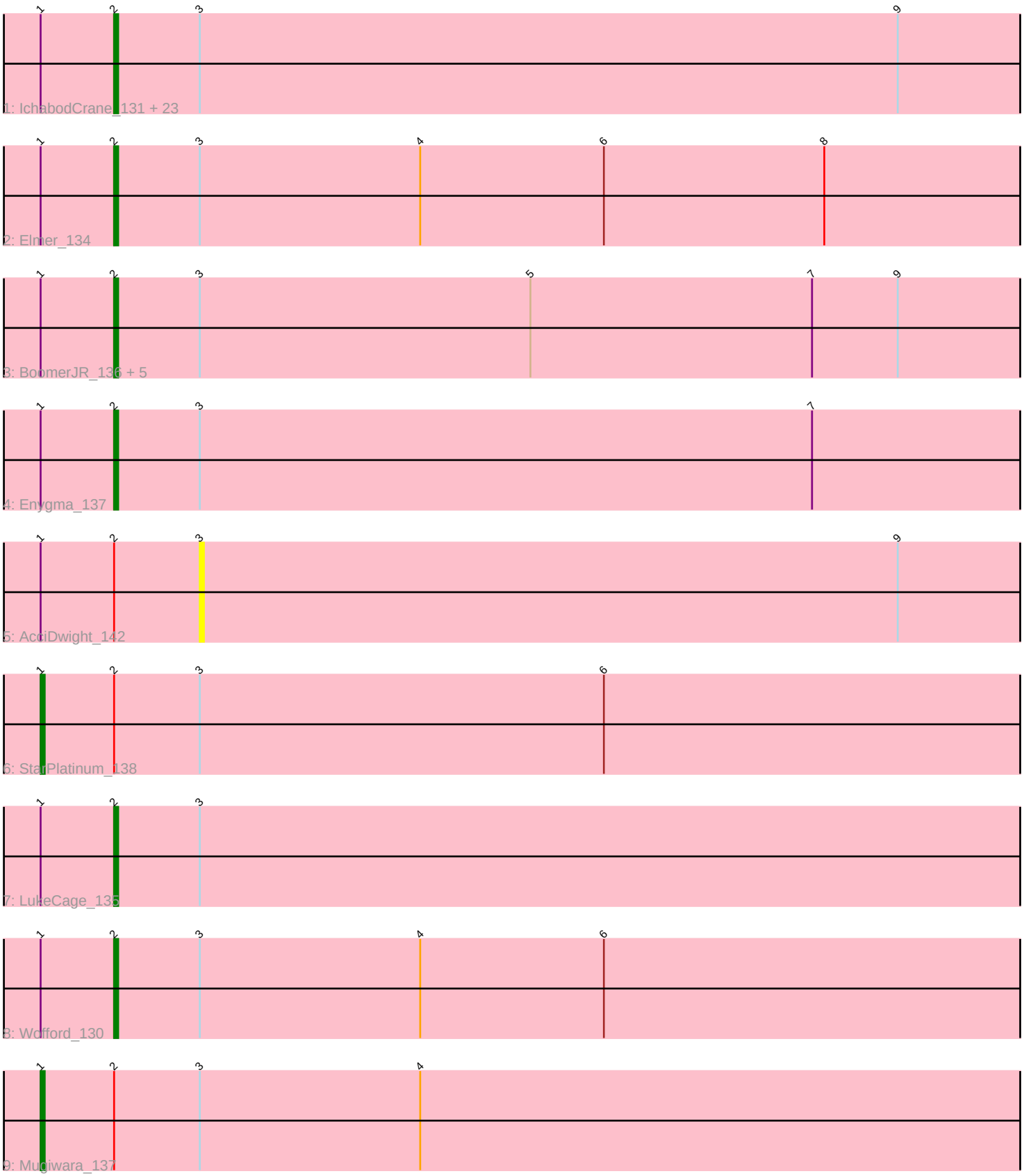
Pham 347827


1
2
3
9
1: IchabodCrane_131 + 23
1
2
3
4
6
8
2: Elmer_134
1
2
3
5
7
9
3: BoomerJR_136 + 5
1
2
3
7
4: Enygma_137
1
2
3
9
5: AcciDwight_142
1
2
3
6
6: StarPlatinum_138
1
2
3
7: LukeCage_135
1
2
3
4
6
8: Wofford_130
1
2
3
4
9: Mugiwara_137

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 347827 Report

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

Pham number 347827 has 37 members, 3 are drafts.

Phages represented in each track:
• Track 1 : IchabodCrane_131, Karimac_135, JimJam_139, Jollison_135, Wipeout_130, SaltySpitoon_136, Birchlyn_135, Brizzy_134, TomSawyer_137, CeilingFan_136, Amabiko_137, Daisy123_138, Gibbi_142, Bordeaux_135, PumpkinSpice_138, Tuesday_140, Quaran19_136, KentuckyRacer_138, Spelly_138, Battuta_135, Rikishi_135, MindFlayer_132, Starbow_134, Spilled_139
• Track 2 : Elmer_134
• Track 3 : BoomerJR_136, AngryGiraffe_133, Stanimal_134, Yaboi_135, Genie2_136, Sollertia_135
• Track 4 : Enygma_137
• Track 5 : AcciDwight_142
• Track 6 : StarPlatinum_138
• Track 7 : LukeCage_135
• Track 8 : Wofford_130
• Track 9 : Mugiwara_137

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 32 of the 34 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amabiko_137, AngryGiraffe_133, Battuta_135, Birchlyn_135, BoomerJR_136, Bordeaux_135, Brizzy_134, CeilingFan_136, Daisy123_138, Elmer_134, Enygma_137, Genie2_136, Gibbi_142, IchabodCrane_131, JimJam_139, Jollison_135, Karimac_135, KentuckyRacer_138, LukeCage_135, MindFlayer_132, PumpkinSpice_138, Quaran19_136, Rikishi_135, SaltySpitoon_136, Sollertia_135, Spelly_138, Spilled_139, Stanimal_134, Starbow_134, TomSawyer_137, Tuesday_140, Wipeout_130, Wofford_130, Yaboi_135,

Genes that have the "Most Annotated" start but do not call it:
• AcciDwight_142, Mugiwara_137, StarPlatinum_138,

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

Summary by start number:

Start 1:
• Found in 37 of 37 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 34
• Called 5.4% of time when present
• Phage (with cluster) where this start called: Mugiwara_137 (BE2), StarPlatinum_138 (BE2),

Start 2:
• Found in 37 of 37 (100.0%) of genes in pham
• Manual Annotations of this start: 32 of 34
• Called 91.9% of time when present
• Phage (with cluster) where this start called: Amabiko_137 (BE2), AngryGiraffe_133 (BE2), Battuta_135 (BE2), Birchlyn_135 (BE2), BoomerJR_136 (BE2), Bordeaux_135 (BE2), Brizzy_134 (BE2), CeilingFan_136 (BE2), Daisy123_138 (BE2), Elmer_134 (BE2), Enygma_137 (BE2), Genie2_136 (BE2), Gibbi_142 (BE2), IchabodCrane_131 (BE2), JimJam_139 (BE2), Jollison_135 (BE2), Karimac_135 (BE2), KentuckyRacer_138 (BE2), LukeCage_135 (BE2), MindFlayer_132 (BE2), PumpkinSpice_138 (BE2), Quaran19_136 (BE2), Rikishi_135 (BE2), SaltySpitoon_136 (BE2), Sollertia_135 (BE2), Spelly_138 (BE2), Spilled_139 (BE2), Stanimal_134 (BE2), Starbow_134 (BE2), TomSawyer_137 (BE2), Tuesday_140 (BE2), Wipeout_130 (BE2), Wofford_130 (BE2), Yaboi_135 (BE2),

Start 3:
• Found in 37 of 37 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 2.7% of time when present
• Phage (with cluster) where this start called: AcciDwight_142 (BE2),

Summary by clusters:

There is one cluster represented in this pham: BE2

Info for manual annotations of cluster BE2:
•Start number 1 was manually annotated 2 times for cluster BE2.
•Start number 2 was manually annotated 32 times for cluster BE2.

Gene Information:

Gene: AcciDwight_142 Start: 83549, Stop: 83749, Start Num: 3
Candidate Starts for AcciDwight_142:
(Start: 1 @83510 has 2 MA's), (Start: 2 @83528 has 32 MA's), (3, 83549), (9, 83720),

Gene: Amabiko_137 Start: 83573, Stop: 83794, Start Num: 2
Candidate Starts for Amabiko_137:
(Start: 1 @83555 has 2 MA's), (Start: 2 @83573 has 32 MA's), (3, 83594), (9, 83765),

Gene: AngryGiraffe_133 Start: 83461, Stop: 83682, Start Num: 2
Candidate Starts for AngryGiraffe_133:

(Start: 1 @83443 has 2 MA's), (Start: 2 @83461 has 32 MA's), (3, 83482), (5, 83563), (7, 83632), (9, 83653),

Gene: Battuta_135 Start: 83546, Stop: 83767, Start Num: 2
Candidate Starts for Battuta_135:
(Start: 1 @83528 has 2 MA's), (Start: 2 @83546 has 32 MA's), (3, 83567), (9, 83738),

Gene: Birchlyn_135 Start: 81433, Stop: 81654, Start Num: 2
Candidate Starts for Birchlyn_135:
(Start: 1 @81415 has 2 MA's), (Start: 2 @81433 has 32 MA's), (3, 81454), (9, 81625),

Gene: BoomerJR_136 Start: 83876, Stop: 84097, Start Num: 2
Candidate Starts for BoomerJR_136:
(Start: 1 @83858 has 2 MA's), (Start: 2 @83876 has 32 MA's), (3, 83897), (5, 83978), (7, 84047), (9, 84068),

Gene: Bordeaux_135 Start: 83701, Stop: 83922, Start Num: 2
Candidate Starts for Bordeaux_135:
(Start: 1 @83683 has 2 MA's), (Start: 2 @83701 has 32 MA's), (3, 83722), (9, 83893),

Gene: Brizzy_134 Start: 83354, Stop: 83575, Start Num: 2
Candidate Starts for Brizzy_134:
(Start: 1 @83336 has 2 MA's), (Start: 2 @83354 has 32 MA's), (3, 83375), (9, 83546),

Gene: CeilingFan_136 Start: 83464, Stop: 83685, Start Num: 2
Candidate Starts for CeilingFan_136:
(Start: 1 @83446 has 2 MA's), (Start: 2 @83464 has 32 MA's), (3, 83485), (9, 83656),

Gene: Daisy123_138 Start: 83885, Stop: 84106, Start Num: 2
Candidate Starts for Daisy123_138:
(Start: 1 @83867 has 2 MA's), (Start: 2 @83885 has 32 MA's), (3, 83906), (9, 84077),

Gene: Elmer_134 Start: 84706, Stop: 84930, Start Num: 2
Candidate Starts for Elmer_134:
(Start: 1 @84688 has 2 MA's), (Start: 2 @84706 has 32 MA's), (3, 84727), (4, 84781), (6, 84826), (8, 84880),

Gene: Enygma_137 Start: 85385, Stop: 85606, Start Num: 2
Candidate Starts for Enygma_137:
(Start: 1 @85367 has 2 MA's), (Start: 2 @85385 has 32 MA's), (3, 85406), (7, 85556),

Gene: Genie2_136 Start: 83990, Stop: 84211, Start Num: 2
Candidate Starts for Genie2_136:
(Start: 1 @83972 has 2 MA's), (Start: 2 @83990 has 32 MA's), (3, 84011), (5, 84092), (7, 84161), (9, 84182),

Gene: Gibbi_142 Start: 83685, Stop: 83906, Start Num: 2
Candidate Starts for Gibbi_142:
(Start: 1 @83667 has 2 MA's), (Start: 2 @83685 has 32 MA's), (3, 83706), (9, 83877),

Gene: IchabodCrane_131 Start: 83274, Stop: 83495, Start Num: 2
Candidate Starts for IchabodCrane_131:
(Start: 1 @83256 has 2 MA's), (Start: 2 @83274 has 32 MA's), (3, 83295), (9, 83466),

Gene: JimJam_139 Start: 84095, Stop: 84316, Start Num: 2
Candidate Starts for JimJam_139:
(Start: 1 @84077 has 2 MA's), (Start: 2 @84095 has 32 MA's), (3, 84116), (9, 84287),

Gene: Jollison_135 Start: 83529, Stop: 83750, Start Num: 2
Candidate Starts for Jollison_135:
(Start: 1 @83511 has 2 MA's), (Start: 2 @83529 has 32 MA's), (3, 83550), (9, 83721),

Gene: Karimac_135 Start: 83812, Stop: 84033, Start Num: 2
Candidate Starts for Karimac_135:
(Start: 1 @83794 has 2 MA's), (Start: 2 @83812 has 32 MA's), (3, 83833), (9, 84004),

Gene: KentuckyRacer_138 Start: 83960, Stop: 84181, Start Num: 2
Candidate Starts for KentuckyRacer_138:
(Start: 1 @83942 has 2 MA's), (Start: 2 @83960 has 32 MA's), (3, 83981), (9, 84152),

Gene: LukeCage_135 Start: 84589, Stop: 84810, Start Num: 2
Candidate Starts for LukeCage_135:
(Start: 1 @84571 has 2 MA's), (Start: 2 @84589 has 32 MA's), (3, 84610),

Gene: MindFlayer_132 Start: 83181, Stop: 83402, Start Num: 2
Candidate Starts for MindFlayer_132:
(Start: 1 @83163 has 2 MA's), (Start: 2 @83181 has 32 MA's), (3, 83202), (9, 83373),

Gene: Mugiwara_137 Start: 84404, Stop: 84643, Start Num: 1
Candidate Starts for Mugiwara_137:
(Start: 1 @84404 has 2 MA's), (Start: 2 @84422 has 32 MA's), (3, 84443), (4, 84497),

Gene: PumpkinSpice_138 Start: 84137, Stop: 84358, Start Num: 2
Candidate Starts for PumpkinSpice_138:
(Start: 1 @84119 has 2 MA's), (Start: 2 @84137 has 32 MA's), (3, 84158), (9, 84329),

Gene: Quaran19_136 Start: 83563, Stop: 83784, Start Num: 2
Candidate Starts for Quaran19_136:
(Start: 1 @83545 has 2 MA's), (Start: 2 @83563 has 32 MA's), (3, 83584), (9, 83755),

Gene: Rikishi_135 Start: 83479, Stop: 83700, Start Num: 2
Candidate Starts for Rikishi_135:
(Start: 1 @83461 has 2 MA's), (Start: 2 @83479 has 32 MA's), (3, 83500), (9, 83671),

Gene: SaltySpitoon_136 Start: 83576, Stop: 83797, Start Num: 2
Candidate Starts for SaltySpitoon_136:
(Start: 1 @83558 has 2 MA's), (Start: 2 @83576 has 32 MA's), (3, 83597), (9, 83768),

Gene: Sollertia_135 Start: 83990, Stop: 84211, Start Num: 2
Candidate Starts for Sollertia_135:
(Start: 1 @83972 has 2 MA's), (Start: 2 @83990 has 32 MA's), (3, 84011), (5, 84092), (7, 84161), (9, 84182),

Gene: Spelly_138 Start: 83528, Stop: 83749, Start Num: 2
Candidate Starts for Spelly_138:
(Start: 1 @83510 has 2 MA's), (Start: 2 @83528 has 32 MA's), (3, 83549), (9, 83720),

Gene: Spilled_139 Start: 83646, Stop: 83867, Start Num: 2
Candidate Starts for Spilled_139:
(Start: 1 @83628 has 2 MA's), (Start: 2 @83646 has 32 MA's), (3, 83667), (9, 83838),

Gene: Stanimal_134 Start: 83879, Stop: 84100, Start Num: 2
Candidate Starts for Stanimal_134:
(Start: 1 @83861 has 2 MA's), (Start: 2 @83879 has 32 MA's), (3, 83900), (5, 83981), (7, 84050), (9, 84071),

Gene: StarPlatinum_138 Start: 84825, Stop: 85067, Start Num: 1
Candidate Starts for StarPlatinum_138:
(Start: 1 @84825 has 2 MA's), (Start: 2 @84843 has 32 MA's), (3, 84864), (6, 84963),

Gene: Starbow_134 Start: 83548, Stop: 83769, Start Num: 2
Candidate Starts for Starbow_134:
(Start: 1 @83530 has 2 MA's), (Start: 2 @83548 has 32 MA's), (3, 83569), (9, 83740),

Gene: TomSawyer_137 Start: 83594, Stop: 83815, Start Num: 2
Candidate Starts for TomSawyer_137:
(Start: 1 @83576 has 2 MA's), (Start: 2 @83594 has 32 MA's), (3, 83615), (9, 83786),

Gene: Tuesday_140 Start: 83711, Stop: 83932, Start Num: 2
Candidate Starts for Tuesday_140:
(Start: 1 @83693 has 2 MA's), (Start: 2 @83711 has 32 MA's), (3, 83732), (9, 83903),

Gene: Wipeout_130 Start: 83918, Stop: 84139, Start Num: 2
Candidate Starts for Wipeout_130:
(Start: 1 @83900 has 2 MA's), (Start: 2 @83918 has 32 MA's), (3, 83939), (9, 84110),

Gene: Wofford_130 Start: 84671, Stop: 84895, Start Num: 2
Candidate Starts for Wofford_130:
(Start: 1 @84653 has 2 MA's), (Start: 2 @84671 has 32 MA's), (3, 84692), (4, 84746), (6, 84791),

Gene: Yaboi_135 Start: 83452, Stop: 83673, Start Num: 2
Candidate Starts for Yaboi_135:
(Start: 1 @83434 has 2 MA's), (Start: 2 @83452 has 32 MA's), (3, 83473), (5, 83554), (7, 83623), (9, 83644),