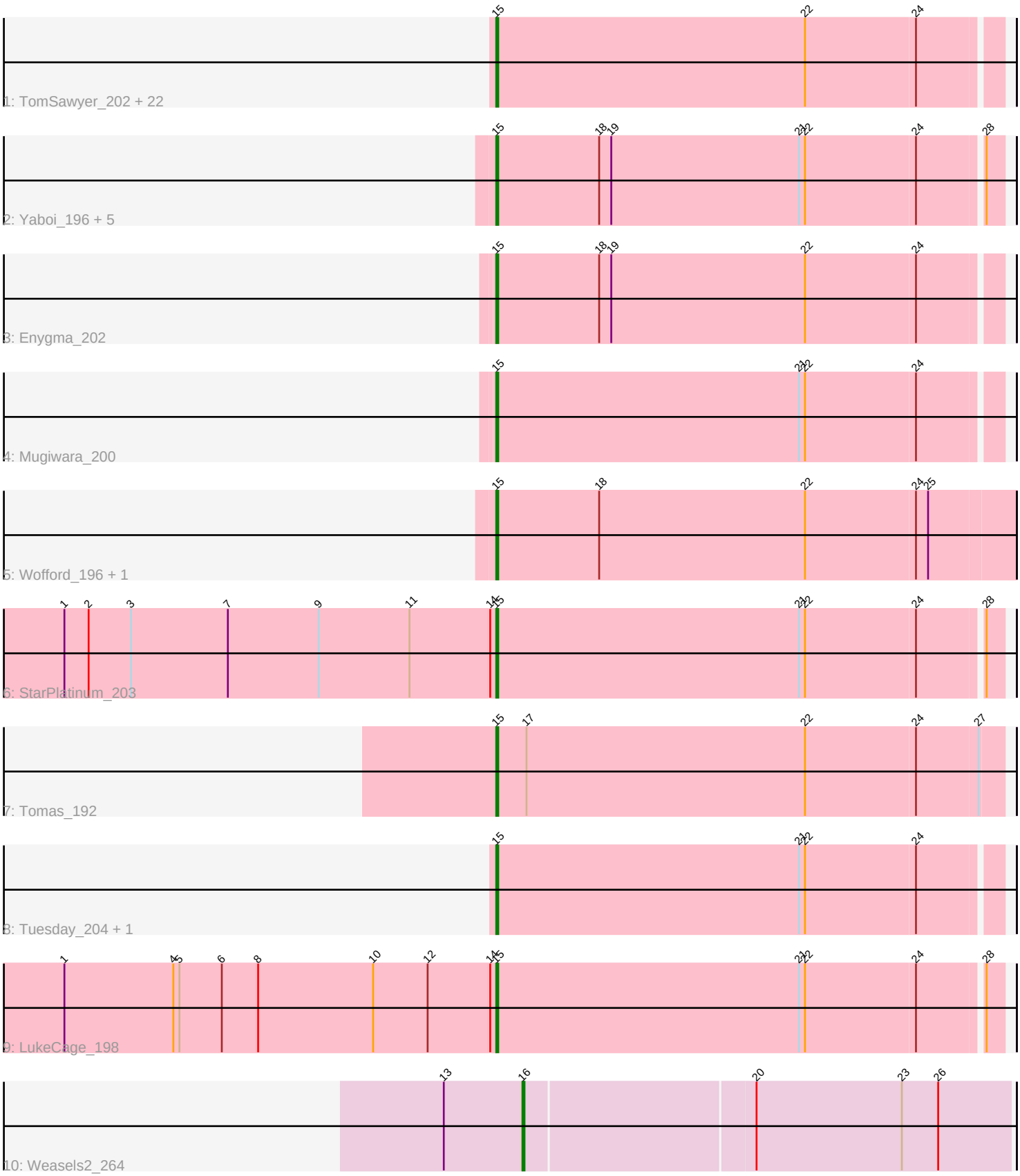
Pham 347811


1: TomSawyer_202 + 22
2: Yaboi_196 + 5
3: Enygma_202
4: Mugiwara_200
5: Wofford_196 + 1
6: StarPlatinum_203
7: Tomas_192
8: Tuesday_204 + 1
9: LukeCage_198
10: Weasels2_264

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 347811 Report

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

Pham number 347811 has 39 members, 3 are drafts.

Phages represented in each track:
• Track 1 : TomSawyer_202, CeilingFan_201, Daisy123_199, Quaran19_197, JimJam_204, Gibbi_205, Battuta_195, PumpkinSpice_199, KentuckyRacer_203, SaltySpitoon_196, Amabiko_201, Brizzy_197, Bordeaux_196, Karimac_197, IchabodCrane_193, AcciDwight_205, Rikishi_197, Jollison_194, Wipeout_189, Spilled_203, Birchlyn_196, Spelly_200, Starbow_195
• Track 2 : Yaboi_196, Sollertia_193, Genie2_192, AngryGiraffe_191, BoomerJR_192, Stanimal_192
• Track 3 : Enygma_202
• Track 4 : Mugiwara_200
• Track 5 : Wofford_196, Elmer_203
• Track 6 : StarPlatinum_203
• Track 7 : Tomas_192
• Track 8 : Tuesday_204, MindFlayer_190
• Track 9 : LukeCage_198
• Track 10 : Weasels2_264

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

The start number called the most often in the published annotations is 15, it was called in 35 of the 36 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AcciDwight_205, Amabiko_201, AngryGiraffe_191, Battuta_195, Birchlyn_196, BoomerJR_192, Bordeaux_196, Brizzy_197, CeilingFan_201, Daisy123_199, Elmer_203, Enygma_202, Genie2_192, Gibbi_205, IchabodCrane_193, JimJam_204, Jollison_194, Karimac_197, KentuckyRacer_203, LukeCage_198, MindFlayer_190, Mugiwara_200, PumpkinSpice_199, Quaran19_197, Rikishi_197, SaltySpitoon_196, Sollertia_193, Spelly_200, Spilled_203, Stanimal_192, StarPlatinum_203, Starbow_195, TomSawyer_202, Tomas_192, Tuesday_204, Wipeout_189, Wofford_196, Yaboi_196,

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

Genes that do not have the "Most Annotated" start:
• Weasels2_264,

Summary by start number:

Start 15:
• Found in 38 of 39 (97.4%) of genes in pham
• Manual Annotations of this start: 35 of 36
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AcciDwight_205 (BE2), Amabiko_201 (BE2), AngryGiraffe_191 (BE2), Battuta_195 (BE2), Birchlyn_196 (BE2), BoomerJR_192 (BE2), Bordeaux_196 (BE2), Brizzy_197 (BE2), CeilingFan_201 (BE2), Daisy123_199 (BE2), Elmer_203 (BE2), Enygma_202 (BE2), Genie2_192 (BE2), Gibbi_205 (BE2), IchabodCrane_193 (BE2), JimJam_204 (BE2), Jollison_194 (BE2), Karimac_197 (BE2), KentuckyRacer_203 (BE2), LukeCage_198 (BE2), MindFlayer_190 (BE2), Mugiwara_200 (BE2), PumpkinSpice_199 (BE2), Quaran19_197 (BE2), Rikishi_197 (BE2), SaltySpitoon_196 (BE2), Sollertia_193 (BE2), Spelly_200 (BE2), Spilled_203 (BE2), Stanimal_192 (BE2), StarPlatinum_203 (BE2), Starbow_195 (BE2), TomSawyer_202 (BE2), Tomas_192 (BE2), Tuesday_204 (BE2), Wipeout_189 (BE2), Wofford_196 (BE2), Yaboi_196 (BE2),

Start 16:
• Found in 1 of 39 (2.6%) of genes in pham
• Manual Annotations of this start: 1 of 36
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Weasels2_264 (CB),

Summary by clusters:

There are 2 clusters represented in this pham: BE2, CB,

Info for manual annotations of cluster BE2:
•Start number 15 was manually annotated 35 times for cluster BE2.

Info for manual annotations of cluster CB:
•Start number 16 was manually annotated 1 time for cluster CB.

Gene Information:

Gene: AcciDwight_205 Start: 99440, Stop: 99685, Start Num: 15
Candidate Starts for AcciDwight_205:
(Start: 15 @99440 has 35 MA's), (22, 99593), (24, 99647),

Gene: Amabiko_201 Start: 99258, Stop: 99503, Start Num: 15
Candidate Starts for Amabiko_201:
(Start: 15 @99258 has 35 MA's), (22, 99411), (24, 99465),

Gene: AngryGiraffe_191 Start: 98116, Stop: 98361, Start Num: 15
Candidate Starts for AngryGiraffe_191:
(Start: 15 @98116 has 35 MA's), (18, 98167), (19, 98173), (21, 98266), (22, 98269), (24, 98323), (28, 98353),

Gene: Battuta_195 Start: 98574, Stop: 98819, Start Num: 15
Candidate Starts for Battuta_195:
(Start: 15 @98574 has 35 MA's), (22, 98727), (24, 98781),

Gene: Birchlyn_196 Start: 96506, Stop: 96751, Start Num: 15
Candidate Starts for Birchlyn_196:
(Start: 15 @96506 has 35 MA's), (22, 96659), (24, 96713),

Gene: BoomerJR_192 Start: 98549, Stop: 98794, Start Num: 15
Candidate Starts for BoomerJR_192:
(Start: 15 @98549 has 35 MA's), (18, 98600), (19, 98606), (21, 98699), (22, 98702), (24, 98756), (28, 98786),

Gene: Bordeaux_196 Start: 99157, Stop: 99402, Start Num: 15
Candidate Starts for Bordeaux_196:
(Start: 15 @99157 has 35 MA's), (22, 99310), (24, 99364),

Gene: Brizzy_197 Start: 99702, Stop: 99947, Start Num: 15
Candidate Starts for Brizzy_197:
(Start: 15 @99702 has 35 MA's), (22, 99855), (24, 99909),

Gene: CeilingFan_201 Start: 99951, Stop: 100196, Start Num: 15
Candidate Starts for CeilingFan_201:
(Start: 15 @99951 has 35 MA's), (22, 100104), (24, 100158),

Gene: Daisy123_199 Start: 99813, Stop: 100058, Start Num: 15
Candidate Starts for Daisy123_199:
(Start: 15 @99813 has 35 MA's), (22, 99966), (24, 100020),

Gene: Elmer_203 Start: 102056, Stop: 102310, Start Num: 15
Candidate Starts for Elmer_203:
(Start: 15 @102056 has 35 MA's), (18, 102107), (22, 102209), (24, 102263), (25, 102269),

Gene: Enygma_202 Start: 101784, Stop: 102029, Start Num: 15
Candidate Starts for Enygma_202:
(Start: 15 @101784 has 35 MA's), (18, 101835), (19, 101841), (22, 101937), (24, 101991),

Gene: Genie2_192 Start: 98663, Stop: 98908, Start Num: 15
Candidate Starts for Genie2_192:
(Start: 15 @98663 has 35 MA's), (18, 98714), (19, 98720), (21, 98813), (22, 98816), (24, 98870), (28, 98900),

Gene: Gibbi_205 Start: 99444, Stop: 99689, Start Num: 15
Candidate Starts for Gibbi_205:
(Start: 15 @99444 has 35 MA's), (22, 99597), (24, 99651),

Gene: IchabodCrane_193 Start: 98959, Stop: 99204, Start Num: 15
Candidate Starts for IchabodCrane_193:
(Start: 15 @98959 has 35 MA's), (22, 99112), (24, 99166),

Gene: JimJam_204 Start: 100880, Stop: 101125, Start Num: 15
Candidate Starts for JimJam_204:

(Start: 15 @100880 has 35 MA's), (22, 101033), (24, 101087),

Gene: Jollison_194 Start: 99090, Stop: 99335, Start Num: 15
Candidate Starts for Jollison_194:
(Start: 15 @99090 has 35 MA's), (22, 99243), (24, 99297),

Gene: Karimac_197 Start: 99284, Stop: 99529, Start Num: 15
Candidate Starts for Karimac_197:
(Start: 15 @99284 has 35 MA's), (22, 99437), (24, 99491),

Gene: KentuckyRacer_203 Start: 100795, Stop: 101040, Start Num: 15
Candidate Starts for KentuckyRacer_203:
(Start: 15 @100795 has 35 MA's), (22, 100948), (24, 101002),

Gene: LukeCage_198 Start: 100386, Stop: 100631, Start Num: 15
Candidate Starts for LukeCage_198:
(1, 100173), (4, 100227), (5, 100230), (6, 100251), (8, 100269), (10, 100326), (12, 100353), (14, 100383), (Start: 15 @100386 has 35 MA's), (21, 100536), (22, 100539), (24, 100593), (28, 100623),

Gene: MindFlayer_190 Start: 98475, Stop: 98720, Start Num: 15
Candidate Starts for MindFlayer_190:
(Start: 15 @98475 has 35 MA's), (21, 98625), (22, 98628), (24, 98682),

Gene: Mugiwara_200 Start: 100613, Stop: 100858, Start Num: 15
Candidate Starts for Mugiwara_200:
(Start: 15 @100613 has 35 MA's), (21, 100763), (22, 100766), (24, 100820),

Gene: PumpkinSpice_199 Start: 99696, Stop: 99941, Start Num: 15
Candidate Starts for PumpkinSpice_199:
(Start: 15 @99696 has 35 MA's), (22, 99849), (24, 99903),

Gene: Quaran19_197 Start: 99137, Stop: 99382, Start Num: 15
Candidate Starts for Quaran19_197:
(Start: 15 @99137 has 35 MA's), (22, 99290), (24, 99344),

Gene: Rikishi_197 Start: 99418, Stop: 99663, Start Num: 15
Candidate Starts for Rikishi_197:
(Start: 15 @99418 has 35 MA's), (22, 99571), (24, 99625),

Gene: SaltySpitoon_196 Start: 98679, Stop: 98924, Start Num: 15
Candidate Starts for SaltySpitoon_196:
(Start: 15 @98679 has 35 MA's), (22, 98832), (24, 98886),

Gene: Sollertia_193 Start: 98663, Stop: 98908, Start Num: 15
Candidate Starts for Sollertia_193:
(Start: 15 @98663 has 35 MA's), (18, 98714), (19, 98720), (21, 98813), (22, 98816), (24, 98870), (28, 98900),

Gene: Spelly_200 Start: 98608, Stop: 98853, Start Num: 15
Candidate Starts for Spelly_200:
(Start: 15 @98608 has 35 MA's), (22, 98761), (24, 98815),

Gene: Spilled_203 Start: 99812, Stop: 100057, Start Num: 15

Candidate Starts for Spilled_203:
(Start: 15 @99812 has 35 MA's), (22, 99965), (24, 100019),

Gene: Stanimal_192 Start: 99024, Stop: 99269, Start Num: 15
Candidate Starts for Stanimal_192:
(Start: 15 @99024 has 35 MA's), (18, 99075), (19, 99081), (21, 99174), (22, 99177), (24, 99231), (28, 99261),

Gene: StarPlatinum_203 Start: 101075, Stop: 101320, Start Num: 15
Candidate Starts for StarPlatinum_203:
(1, 100862), (2, 100874), (3, 100895), (7, 100943), (9, 100988), (11, 101033), (14, 101072), (Start: 15 @101075 has 35 MA's), (21, 101225), (22, 101228), (24, 101282), (28, 101312),

Gene: Starbow_195 Start: 98652, Stop: 98897, Start Num: 15
Candidate Starts for Starbow_195:
(Start: 15 @98652 has 35 MA's), (22, 98805), (24, 98859),

Gene: TomSawyer_202 Start: 101123, Stop: 101368, Start Num: 15
Candidate Starts for TomSawyer_202:
(Start: 15 @101123 has 35 MA's), (22, 101276), (24, 101330),

Gene: Tomas_192 Start: 98949, Stop: 99197, Start Num: 15
Candidate Starts for Tomas_192:
(Start: 15 @98949 has 35 MA's), (17, 98964), (22, 99102), (24, 99156), (27, 99186),

Gene: Tuesday_204 Start: 99663, Stop: 99908, Start Num: 15
Candidate Starts for Tuesday_204:
(Start: 15 @99663 has 35 MA's), (21, 99813), (22, 99816), (24, 99870),

Gene: Weasels2_264 Start: 124563, Stop: 124327, Start Num: 16
Candidate Starts for Weasels2_264:
(13, 124602), (Start: 16 @124563 has 1 MA's), (20, 124452), (23, 124380), (26, 124362),

Gene: Wipeout_189 Start: 100075, Stop: 100320, Start Num: 15
Candidate Starts for Wipeout_189:
(Start: 15 @100075 has 35 MA's), (22, 100228), (24, 100282),

Gene: Wofford_196 Start: 102016, Stop: 102270, Start Num: 15
Candidate Starts for Wofford_196:
(Start: 15 @102016 has 35 MA's), (18, 102067), (22, 102169), (24, 102223), (25, 102229),

Gene: Yaboi_196 Start: 98598, Stop: 98843, Start Num: 15
Candidate Starts for Yaboi_196:
(Start: 15 @98598 has 35 MA's), (18, 98649), (19, 98655), (21, 98748), (22, 98751), (24, 98805), (28, 98835),