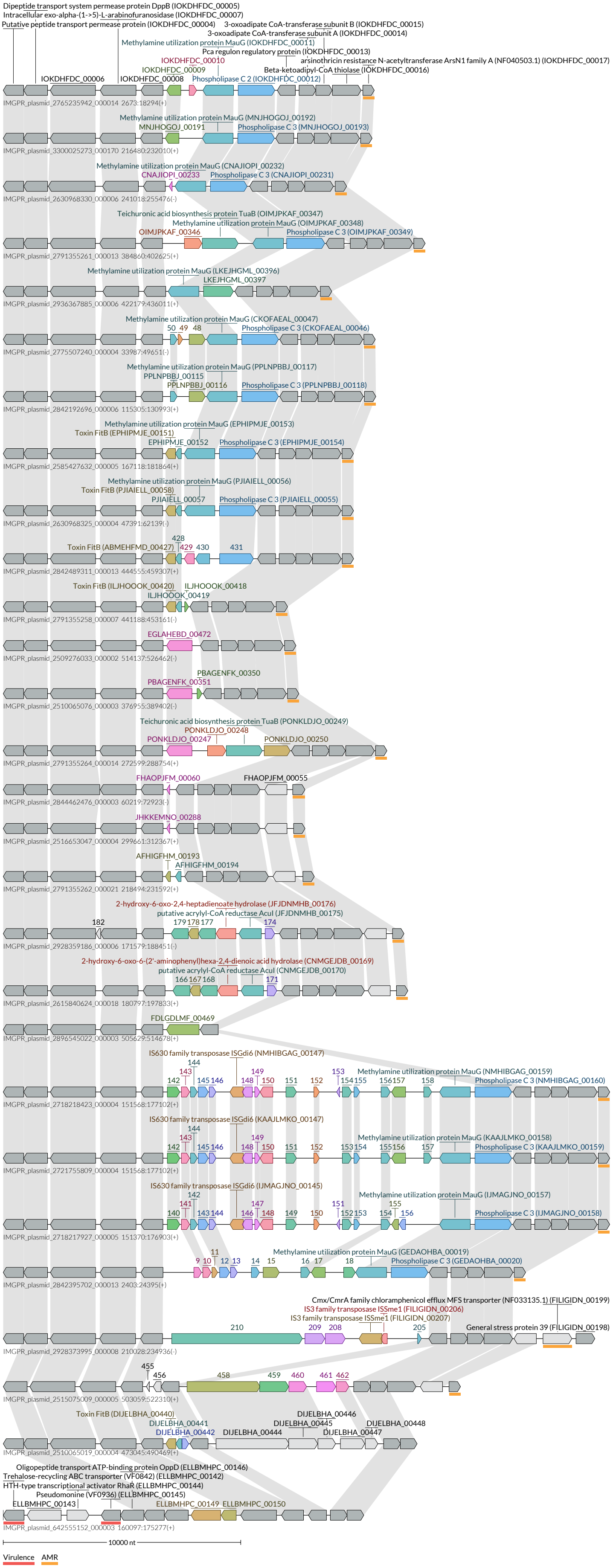
Dipeptide transport system permease protein DppB (IOKDHFDC_00005)
Intracellular exo-alpha-(1->5)-L-arabinofuranosidase (IOKDHFDC_00007)
Putative peptide transport permease protein (IOKDHFDC_00004)
3-oxoadipate CoA-transferase subunit B (IOKDHFDC_00015)
3-oxoadipate CoA-transferase subunit A (IOKDHFDC_00014)
Methylamine utilization protein MauG (IOKDHFDC_00011)
Pca regulon regulatory protein (IOKDHFDC_00013)
IOKDHFDC_00010
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (IOKDHFDC_00017)
IOKDHFDC_00009
Beta-ketoadipyl-CoA thiolase (IOKDHFDC_00016)
IOKDHFDC_00006
IOKDHFDC_00008
Phospholipase C 2 (IOKDHFDC_00012)
IMGPR_plasmid_2765235942_000014 2673:18294(+)
Methylamine utilization protein MauG (MNJHOGOJ_00192)
MNJHOGOJ_00191
Phospholipase C 3 (MNJHOGOJ_00193)
IMGPR_plasmid_3300025273_000170 216480:232010(+)
Methylamine utilization protein MauG (CNAJIOPI_00232)
CNAJIOPI_00233
Phospholipase C 3 (CNAJIOPI_00231)
IMGPR_plasmid_2630968330_000006 241018:255476(-)
Teichuronic acid biosynthesis protein TuaB (OIMJPKAF_00347)
Methylamine utilization protein MauG (OIMJPKAF_00348)
OIMJPKAF_00346
Phospholipase C 3 (OIMJPKAF_00349)
IMGPR_plasmid_2791355261_000013 384860:402625(+)
Methylamine utilization protein MauG (LKEJHGML_00396)
LKEJHGML_00397
IMGPR_plasmid_2936367885_000006 422179:436011(+)
Methylamine utilization protein MauG (CKOFAEAL_00047)
50 49 48
Phospholipase C 3 (CKOFAEAL_00046)
IMGPR_plasmid_2775507240_000004 33987:49651(-)
Methylamine utilization protein MauG (PPLNPBBJ_00117)
PPLNPBBJ_00115
PPLNPBBJ_00116
Phospholipase C 3 (PPLNPBBJ_00118)
IMGPR_plasmid_2842192696_000006 115305:130993(+)
Methylamine utilization protein MauG (EPHIPMJE_00153)
Toxin FitB (EPHIPMJE_00151)
EPHIPMJE_00152
Phospholipase C 3 (EPHIPMJE_00154)
IMGPR_plasmid_2585427632_000005 167118:181864(+)
Methylamine utilization protein MauG (PJIAIELL_00056)
Toxin FitB (PJIAIELL_00058)
PJIAIELL_00057
Phospholipase C 3 (PJIAIELL_00055)
IMGPR_plasmid_2630968325_000004 47391:62139(-)
428
Toxin FitB (ABMEHFMD_00427)
429 430
431
IMGPR_plasmid_2842489311_000013 444555:459307(+)
Toxin FitB (ILJHOOOK_00420)
ILJHOOOK_00418
ILJHOOOK_00419
IMGPR_plasmid_2791355258_000007 441188:453161(-)
EGLAHEBD_00472
IMGPR_plasmid_2509276033_000002 514137:526462(-)
PBAGENFK_00350
PBAGENFK_00351
IMGPR_plasmid_2510065076_000003 376955:389402(-)
Teichuronic acid biosynthesis protein TuaB (PONKLDJO_00249)
PONKLDJO_00248
PONKLDJO_00247
PONKLDJO_00250
IMGPR_plasmid_2791355264_000014 272599:288754(+)
FHAOPJFM_00060
FHAOPJFM_00055
IMGPR_plasmid_2844462476_000003 60219:72923(-)
JHKKEMNO_00288
IMGPR_plasmid_2516653047_000004 299661:312367(+)
AFHIGFHM_00193
AFHIGFHM_00194
IMGPR_plasmid_2791355262_000021 218494:231592(+)
2-hydroxy-6-oxo-2,4-heptadienoate hydrolase (JFJDNMHB_00176)
putative acrylyl-CoA reductase AcuI (JFJDNMHB_00175)
182
179 178 177
174
IMGPR_plasmid_2928359186_000006 171579:188451(-)
2-hydroxy-6-oxo-6-(2'-aminophenyl)hexa-2,4-dienoic acid hydrolase (CNMGEJDB_00169)
putative acrylyl-CoA reductase AcuI (CNMGEJDB_00170)
166 167 168
171
IMGPR_plasmid_2615840624_000018 180797:197833(+)
FDLGDLMF_00469
IMGPR_plasmid_2896545022_000003 505629:514678(+)
IS630 family transposase ISGdi6 (NMHIBGAG_00147)
144
143
149
153
Methylamine utilization protein MauG (NMHIBGAG_00159)
142 145 146 148 150 151 152 154 155 156 157 158
Phospholipase C 3 (NMHIBGAG_00160)
IMGPR_plasmid_2718218423_000004 151568:177102(+)
IS630 family transposase ISGdi6 (KAAJLMKO_00147)
144
143
149
Methylamine utilization protein MauG (KAAJLMKO_00158)
142 145 146 148 150 151 152 153 154 155 156 157
Phospholipase C 3 (KAAJLMKO_00159)
IMGPR_plasmid_2721755809_000004 151568:177102(+)
IS630 family transposase ISGdi6 (IJMAGJNO_00145)
142
141
147
151
155
Methylamine utilization protein MauG (IJMAGJNO_00157)
140 143 144 146 148 149 150 152 153 154 156
Phospholipase C 3 (IJMAGJNO_00158)
IMGPR_plasmid_2718217927_000005 151370:176903(+)
11
Methylamine utilization protein MauG (GEDAOHBA_00019)
9 10 12 13 14 15 16 17 18
Phospholipase C 3 (GEDAOHBA_00020)
IMGPR_plasmid_2842395702_000013 2403:24395(+)
Cmx/CmrA family chloramphenicol efflux MFS transporter (NF033135.1) (FILIGIDN_00199)
IS3 family transposase ISSme1 (FILIGIDN_00206)
IS3 family transposase ISSme1 (FILIGIDN_00207)
210
209 208
205
General stress protein 39 (FILIGIDN_00198)
IMGPR_plasmid_2928373995_000008 210028:234936(-)
455
456
458
459
460
461 462
IMGPR_plasmid_2515075009_000005 503059:522310(+)
Toxin FitB (DIJELBHA_00440)
DIJELBHA_00446
DIJELBHA_00441
DIJELBHA_00445
DIJELBHA_00448
DIJELBHA_00442
DIJELBHA_00444
DIJELBHA_00447
IMGPR_plasmid_2510065019_000004 473045:490469(+)
Oligopeptide transport ATP-binding protein OppD (ELLBMHPC_00146)
Trehalose-recycling ABC transporter (VF0842) (ELLBMHPC_00142)
HTH-type transcriptional activator RhaR (ELLBMHPC_00144)
Pseudomonine (VF0936) (ELLBMHPC_00145)
ELLBMHPC_00143
ELLBMHPC_00149
ELLBMHPC_00150
IMGPR_plasmid_642555152_000003 160097:175277(+)
10000 nt
Virulence
AMR