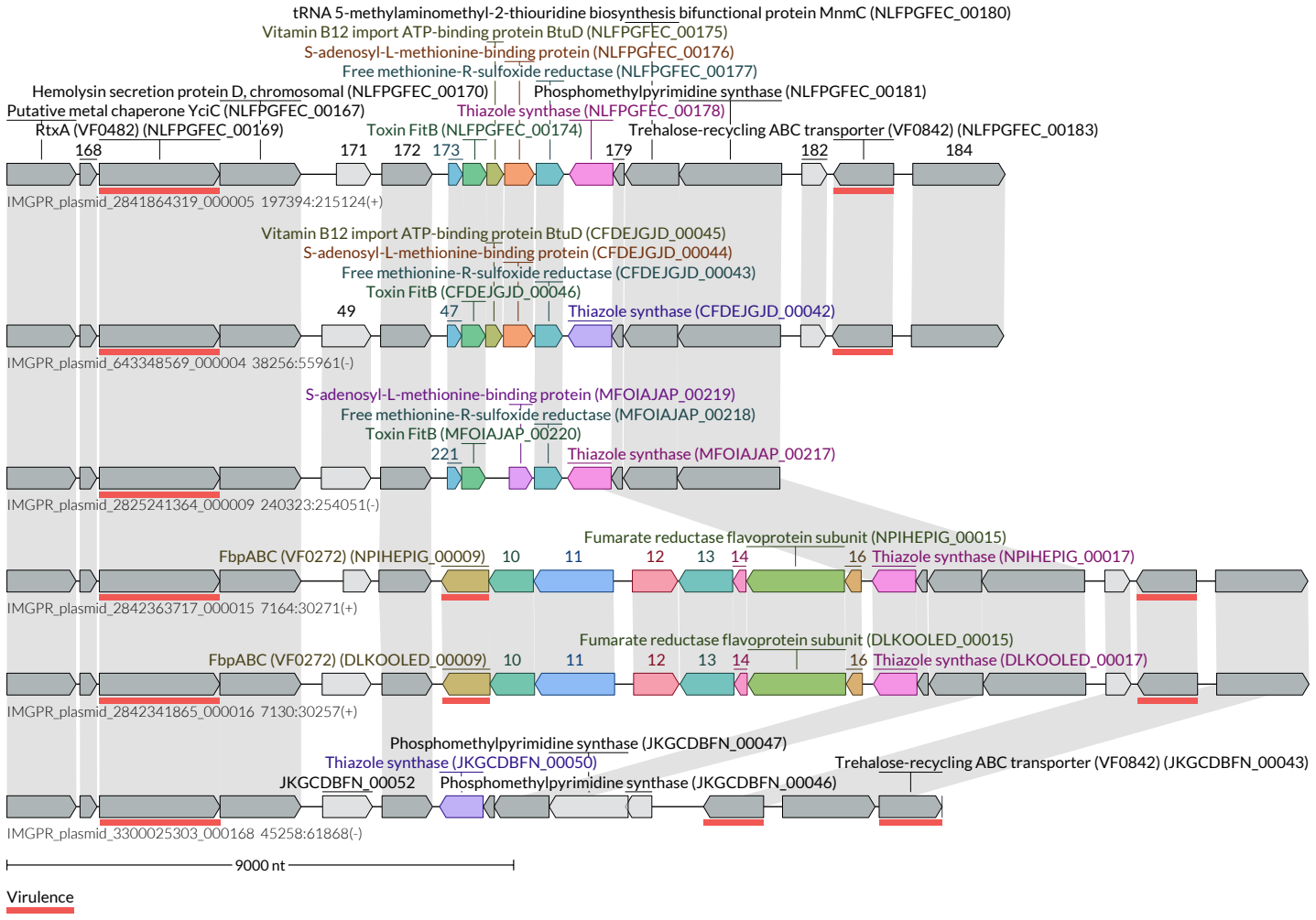
tRNA 5-methylaminomethyl-2-thiouridine biosynthesis bifunctional protein MnmC (NLFPGFEC_00180)
Vitamin B12 import ATP-binding protein BtuD (NLFPGFEC_00175)
S-adenosyl-L-methionine-binding protein (NLFPGFEC_00176)
Free methionine-R-sulfoxide reductase (NLFPGFEC_00177)
Hemolysin secretion protein D, chromosomal (NLFPGFEC_00170)
Phosphomethylpyrimidine synthase (NLFPGFEC_00181)
Putative metal chaperone YciC (NLFPGFEC_00167)
Thiazole synthase (NLFPGFEC_00178)
RtxA (VF0482) (NLFPGFEC_00169)
Toxin FitB (NLFPGFEC_00174)
Trehalose-recycling ABC transporter (VF0842) (NLFPGFEC_00183)
168
171
172
173
179
182
184
IMGPR_plasmid_2841864319_000005 197394:215124(+)
Vitamin B12 import ATP-binding protein BtuD (CFDEJGJD_00045)
S-adenosyl-L-methionine-binding protein (CFDEJGJD_00044)
Free methionine-R-sulfoxide reductase (CFDEJGJD_00043)
Toxin FitB (CFDEJGJD_00046)
49
47
Thiazole synthase (CFDEJGJD_00042)
IMGPR_plasmid_643348569_000004 38256:55961(-)
S-adenosyl-L-methionine-binding protein (MFOIAJAP_00219)
Free methionine-R-sulfoxide reductase (MFOIAJAP_00218)
Toxin FitB (MFOIAJAP_00220)
221
Thiazole synthase (MFOIAJAP_00217)
IMGPR_plasmid_2825241364_000009 240323:254051(-)
Fumarate reductase flavoprotein subunit (NPIHEPIG_00015)
FbpABC (VF0272) (NPIHEPIG_00009)
10
11
12
13
14
16
Thiazole synthase (NPIHEPIG_00017)
IMGPR_plasmid_2842363717_000015 7164:30271(+)
Fumarate reductase flavoprotein subunit (DLKOOLED_00015)
FbpABC (VF0272) (DLKOOLED_00009)
10
11
12
13
14
16
Thiazole synthase (DLKOOLED_00017)
IMGPR_plasmid_2842341865_000016 7130:30257(+)
Phosphomethylpyrimidine synthase (JKGCDBFN_00047)
Thiazole synthase (JKGCDBFN_00050)
Trehalose-recycling ABC transporter (VF0842) (JKGCDBFN_00043)
JKGCDBFN_00052
Phosphomethylpyrimidine synthase (JKGCDBFN_00046)
IMGPR_plasmid_3300025303_000168 45258:61868(-)
9000 nt
Virulence