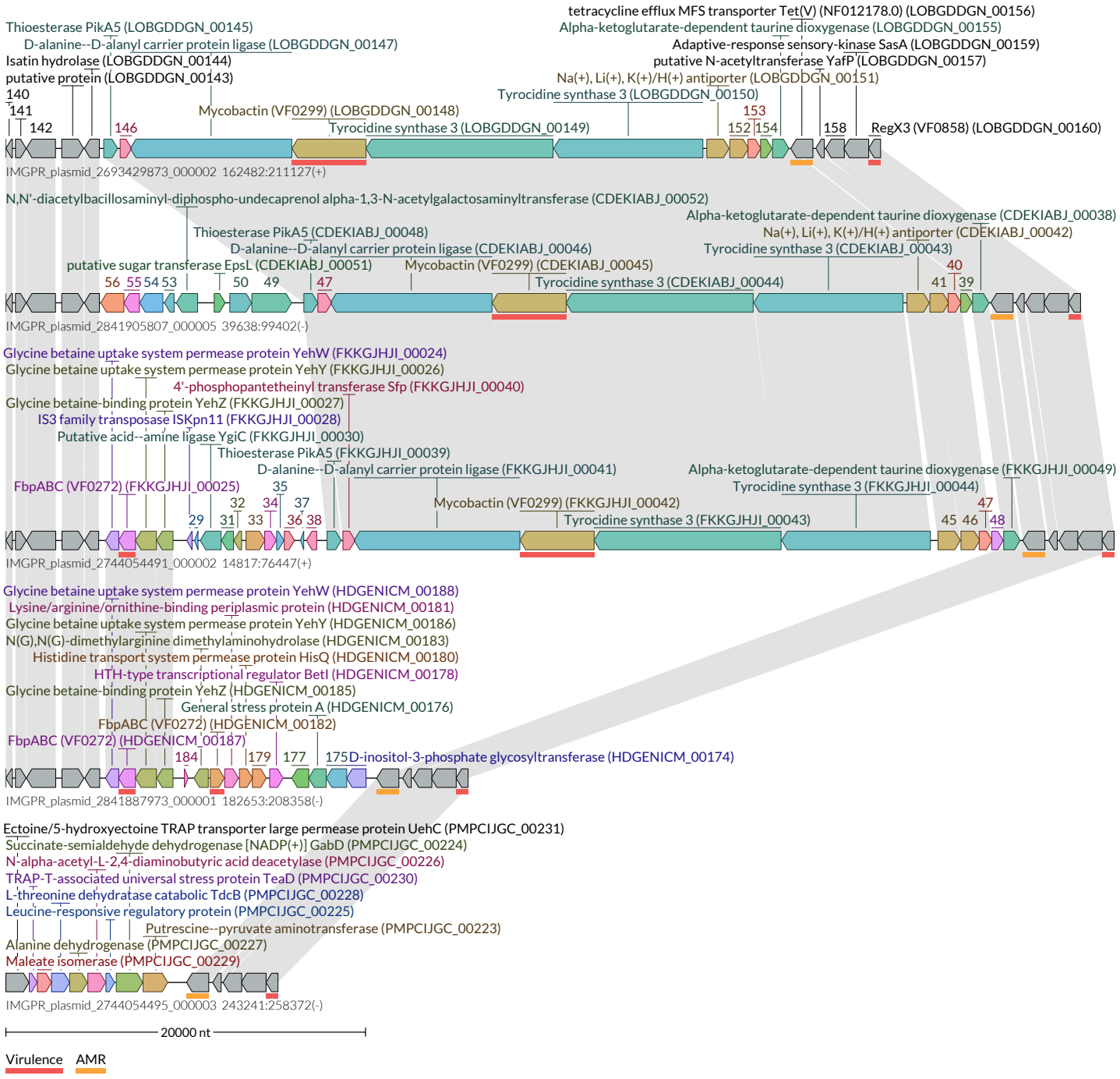
Thioesterase PikA5 (LOBGDDGN_00145)
D-alanine--D-alanyl carrier protein ligase (LOBGDDGN_00147)
Isatin hydrolase (LOBGDDGN_00144)
putative protein (LOBGDDGN_00143)
140
141
142
146
Mycobactin (VF0299) (LOBGDDGN_00148)
Tyrocidine synthase 3 (LOBGDDGN_00149)
tetracycline efflux MFS transporter Tet(V) (NF012178.0) (LOBGDDGN_00156)
Alpha-ketoglutarate-dependent taurine dioxygenase (LOBGDDGN_00155)
Adaptive-response sensory-kinase SasA (LOBGDDGN_00159)
putative N-acetyltransferase YafP (LOBGDDGN_00157)
Na(+), Li(+), K(+)/H(+) antiporter (LOBGDDGN_00151)
Tyrocidine synthase 3 (LOBGDDGN_00150)
153
152
154
158
RegX3 (VF0858) (LOBGDDGN_00160)
IMGPR_plasmid_2693429873_000002 162482:211127(+)
N,N'-diacetylbacillosaminyl-diphospho-undecaprenol alpha-1,3-N-acetylgalactosaminyltransferase (CDEKIABJ_00052)
Alpha-ketoglutarate-dependent taurine dioxygenase (CDEKIABJ_00038)
Thioesterase PikA5 (CDEKIABJ_00048)
Na(+), Li(+), K(+)/H(+) antiporter (CDEKIABJ_00042)
D-alanine--D-alanyl carrier protein ligase (CDEKIABJ_00046)
Tyrocidine synthase 3 (CDEKIABJ_00043)
putative sugar transferase EpsL (CDEKIABJ_00051)
Mycobactin (VF0299) (CDEKIABJ_00045)
40
56
55
54
53
50
49
47
Tyrocidine synthase 3 (CDEKIABJ_00044)
41
39
IMGPR_plasmid_2841905807_000005 39638:99402(-)
Glycine betaine uptake system permease protein YehW (FKKGJHJI_00024)
Glycine betaine uptake system permease protein YehY (FKKGJHJI_00026)
4'-phosphopantetheinyl transferase Sfp (FKKGJHJI_00040)
Glycine betaine-binding protein YehZ (FKKGJHJI_00027)
IS3 family transposase ISKpn11 (FKKGJHJI_00028)
Putative acid--amine ligase YgiC (FKKGJHJI_00030)
Thioesterase PikA5 (FKKGJHJI_00039)
D-alanine--D-alanyl carrier protein ligase (FKKGJHJI_00041)
Alpha-ketoglutarate-dependent taurine dioxygenase (FKKGJHJI_00049)
FbpABC (VF0272) (FKKGJHJI_00025)
Tyrocidine synthase 3 (FKKGJHJI_00044)
32
35
34
37
Mycobactin (VF0299) (FKKGJHJI_00042)
47
29
31
33
36
38
Tyrocidine synthase 3 (FKKGJHJI_00043)
45
46
48
IMGPR_plasmid_2744054491_000002 14817:76447(+)
Glycine betaine uptake system permease protein YehW (HDGENICM_00188)
Lysine/arginine/ornithine-binding periplasmic protein (HDGENICM_00181)
Glycine betaine uptake system permease protein YehY (HDGENICM_00186)
N(G),N(G)-dimethylarginine dimethylaminohydrolase (HDGENICM_00183)
Histidine transport system permease protein HisQ (HDGENICM_00180)
HTH-type transcriptional regulator BetI (HDGENICM_00178)
Glycine betaine-binding protein YehZ (HDGENICM_00185)
General stress protein A (HDGENICM_00176)
FbpABC (VF0272) (HDGENICM_00182)
FbpABC (VF0272) (HDGENICM_00187)
184
179
177
175
D-inositol-3-phosphate glycosyltransferase (HDGENICM_00174)
IMGPR_plasmid_2841887973_000001 182653:208358(-)
Ectoine/5-hydroxyectoine TRAP transporter large permease protein UehC (PMPCIJGC_00231)
Succinate-semialdehyde dehydrogenase [NADP(+)] GabD (PMPCIJGC_00224)
N-alpha-acetyl-L-2,4-diaminobutyric acid deacetylase (PMPCIJGC_00226)
TRAP-T-associated universal stress protein TeaD (PMPCIJGC_00230)
L-threonine dehydratase catabolic TdcB (PMPCIJGC_00228)
Leucine-responsive regulatory protein (PMPCIJGC_00225)
Putrescine--pyruvate aminotransferase (PMPCIJGC_00223)
Alanine dehydrogenase (PMPCIJGC_00227)
Maleate isomerase (PMPCIJGC_00229)
IMGPR_plasmid_2744054495_000003 243241:258372(-)
20000 nt
Virulence
AMR