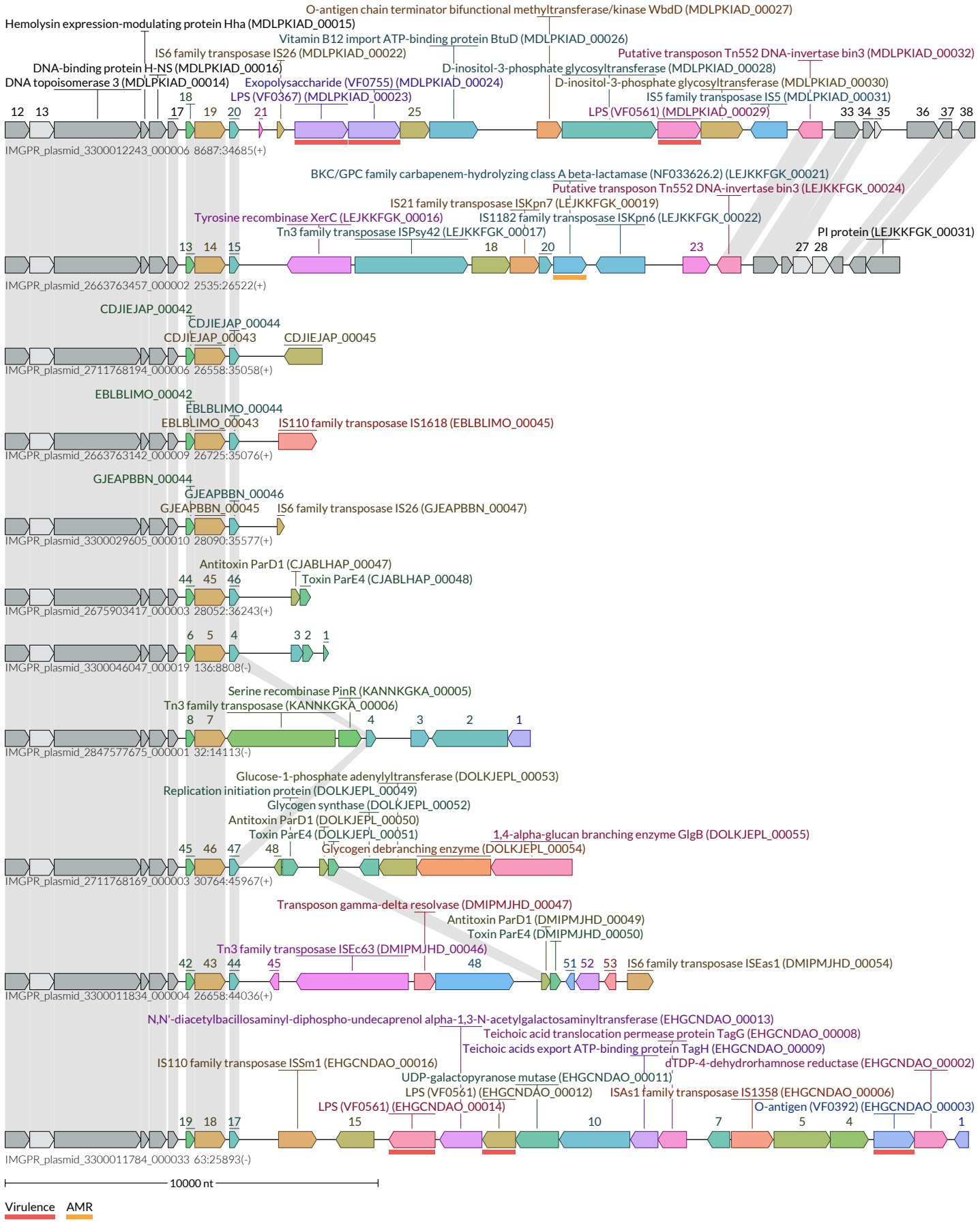
O-antigen chain terminator bifunctional methyltransferase/kinase WbdD (MDLPKIAD_00027)
Hemolysin expression-modulating protein Hha (MDLPKIAD_00015)
Vitamin B12 import ATP-binding protein BtuD (MDLPKIAD_00026)
IS6 family transposase IS26 (MDLPKIAD_00022)
Putative transposon Tn552 DNA-invertase bin3 (MDLPKIAD_00032)
DNA-binding protein H-NS (MDLPKIAD_00016)
D-inositol-3-phosphate glycosyltransferase (MDLPKIAD_00028)
DNA topoisomerase 3 (MDLPKIAD_00014)
Exopolysaccharide (VF0755) (MDLPKIAD_00024)
D-inositol-3-phosphate glycosyltransferase (MDLPKIAD_00030)
LPS (VF0367) (MDLPKIAD_00023)
IS5 family transposase IS5 (MDLPKIAD_00031)
LPS (VF0561) (MDLPKIAD_00029)
12 13 18 17 19 20 21 25 33 34 35 36 37 38
IMGPR_plasmid_3300012243_000006 8687:34685(+)
BKC/GPC family carbapenem-hydrolyzing class A beta-lactamase (NF033626.2) (LEJKKFGK_00021)
Putative transposon Tn552 DNA-invertase bin3 (LEJKKFGK_00024)
IS21 family transposase ISKpn7 (LEJKKFGK_00019)
Tyrosine recombinase XerC (LEJKKFGK_00016)
IS1182 family transposase ISKpn6 (LEJKKFGK_00022)
Tn3 family transposase ISPsy42 (LEJKKFGK_00017)
PI protein (LEJKKFGK_00031)
13 14 15 18 20 23 27 28
IMGPR_plasmid_2663763457_000002 2535:26522(+)
CDJIEJAP_00042
CDJIEJAP_00044
CDJIEJAP_00043
CDJIEJAP_00045
IMGPR_plasmid_2711768194_000006 26558:35058(+)
EBLBLIMO_00042
EBLBLIMO_00044
EBLBLIMO_00043
IS110 family transposase IS1618 (EBLBLIMO_00045)
IMGPR_plasmid_2663763142_000009 26725:35076(+)
GJEAPBBN_00044
GJEAPBBN_00046
GJEAPBBN_00045
IS6 family transposase IS26 (GJEAPBBN_00047)
IMGPR_plasmid_3300029605_000010 28090:35577(+)
Antitoxin ParD1 (CJABLHAP_00047)
44 45 46
Toxin ParE4 (CJABLHAP_00048)
IMGPR_plasmid_2675903417_000003 28052:36243(+)
6 5 4 3 2 1
IMGPR_plasmid_3300046047_000019 136:8808(-)
Serine recombinase PinR (KANNKGKA_00005)
Tn3 family transposase (KANNKGKA_00006)
8 7 4 3 2 1
IMGPR_plasmid_2847577675_000001 32:14113(-)
Glucose-1-phosphate adenylyltransferase (DOLKJEPL_00053)
Replication initiation protein (DOLKJEPL_00049)
Glycogen synthase (DOLKJEPL_00052)
Antitoxin ParD1 (DOLKJEPL_00050)
Toxin ParE4 (DOLKJEPL_00051)
1,4-alpha-glucan branching enzyme GlgB (DOLKJEPL_00055)
45 46 47 48
Glycogen debranching enzyme (DOLKJEPL_00054)
IMGPR_plasmid_2711768169_000003 30764:45967(+)
Transposon gamma-delta resolvase (DMIPMJHD_00047)
Antitoxin ParD1 (DMIPMJHD_00049)
Toxin ParE4 (DMIPMJHD_00050)
Tn3 family transposase ISEc63 (DMIPMJHD_00046)
42 43 44 45 48 51 52 53
IS6 family transposase ISEas1 (DMIPMJHD_00054)
IMGPR_plasmid_3300011834_000004 26658:44036(+)
N,N'-diacetylbacillosaminyl-diphospho-undecaprenol alpha-1,3-N-acetylgalactosaminyltransferase (EHGCNDAO_00013)
Teichoic acid translocation permease protein TagG (EHGCNDAO_00008)
Teichoic acids export ATP-binding protein TagH (EHGCNDAO_00009)
IS110 family transposase ISSm1 (EHGCNDAO_00016)
dTDP-4-dehydrorhamnose reductase (EHGCNDAO_00002)
UDP-galactopyranose mutase (EHGCNDAO_00011)
LPS (VF0561) (EHGCNDAO_00012)
ISAs1 family transposase IS1358 (EHGCNDAO_00006)
LPS (VF0561) (EHGCNDAO_00014)
O-antigen (VF0392) (EHGCNDAO_00003)
19 18 17 15 10 7 5 4 1
IMGPR_plasmid_3300011784_000033 63:25893(-)
10000 nt
Virulence
AMR