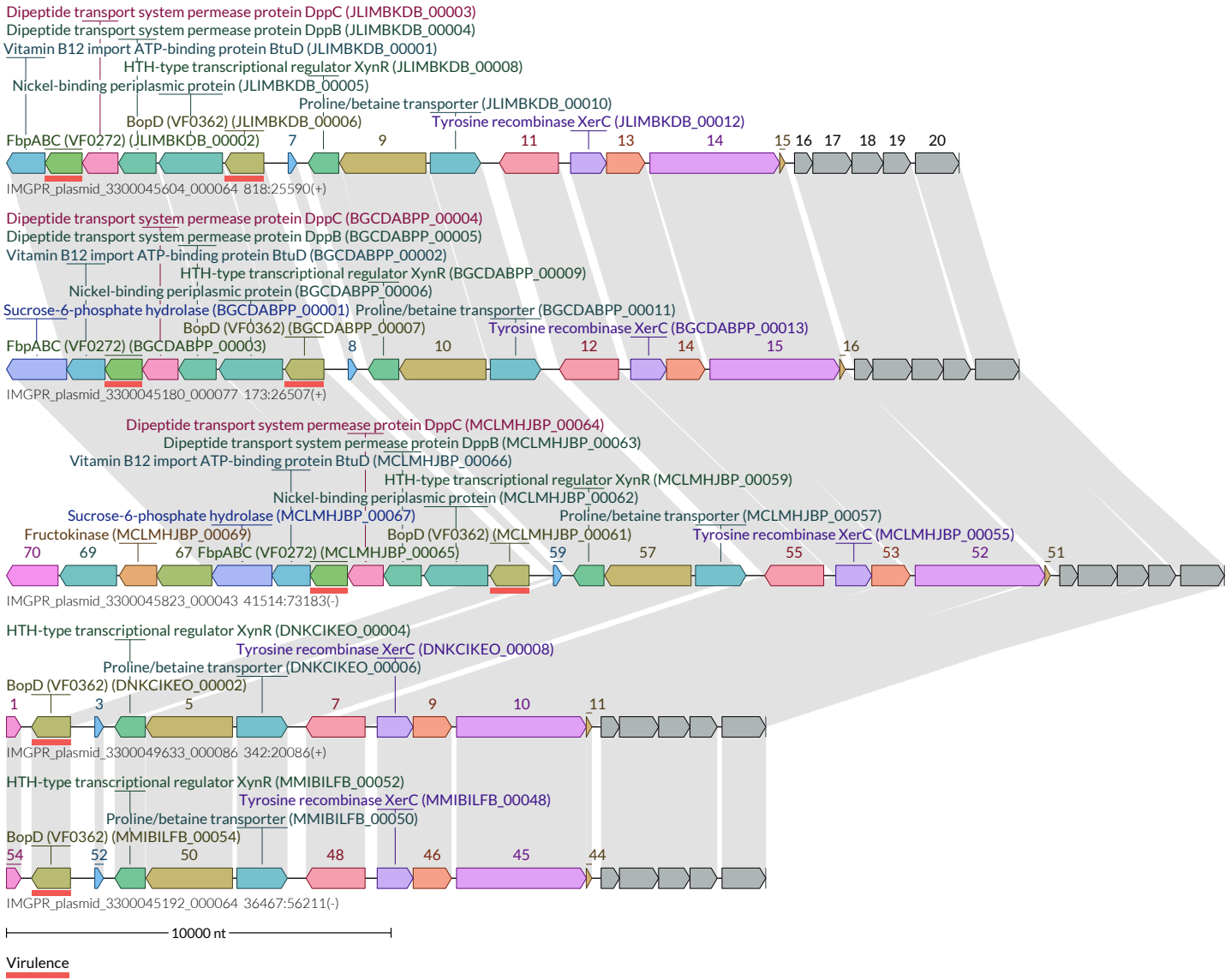
Dipeptide transport system permease protein DppC (JLIMBKDB_00003)
Dipeptide transport system permease protein DppB (JLIMBKDB_00004)
Vitamin B12 import ATP-binding protein BtuD (JLIMBKDB_00001)
HTH-type transcriptional regulator XynR (JLIMBKDB_00008)
Nickel-binding periplasmic protein (JLIMBKDB_00005)
Proline/betaine transporter (JLIMBKDB_00010)
BopD (VF0362) (JLIMBKDB_00006)
Tyrosine recombinase XerC (JLIMBKDB_00012)
FbpABC (VF0272) (JLIMBKDB_00002)
7 9 11 13 14 15 16 17 18 19 20
IMGPR_plasmid_3300045604_000064 818:25590(+)
Dipeptide transport system permease protein DppC (BGCDABPP_00004)
Dipeptide transport system permease protein DppB (BGCDABPP_00005)
Vitamin B12 import ATP-binding protein BtuD (BGCDABPP_00002)
HTH-type transcriptional regulator XynR (BGCDABPP_00009)
Nickel-binding periplasmic protein (BGCDABPP_00006)
Sucrose-6-phosphate hydrolase (BGCDABPP_00001)
Proline/betaine transporter (BGCDABPP_00011)
BopD (VF0362) (BGCDABPP_00007)
Tyrosine recombinase XerC (BGCDABPP_00013)
FbpABC (VF0272) (BGCDABPP_00003)
8 10 12 14 15 16
IMGPR_plasmid_3300045180_000077 173:26507(+)
Dipeptide transport system permease protein DppC (MCLMHJBP_00064)
Dipeptide transport system permease protein DppB (MCLMHJBP_00063)
Vitamin B12 import ATP-binding protein BtuD (MCLMHJBP_00066)
HTH-type transcriptional regulator XynR (MCLMHJBP_00059)
Nickel-binding periplasmic protein (MCLMHJBP_00062)
Sucrose-6-phosphate hydrolase (MCLMHJBP_00067)
Proline/betaine transporter (MCLMHJBP_00057)
Fructokinase (MCLMHJBP_00069)
BopD (VF0362) (MCLMHJBP_00061)
Tyrosine recombinase XerC (MCLMHJBP_00055)
70 69 67 FbpABC (VF0272) (MCLMHJBP_00065) 59 57 55 53 52 51
IMGPR_plasmid_3300045823_000043 41514:73183(-)
HTH-type transcriptional regulator XynR (DNKCIKEO_00004)
Tyrosine recombinase XerC (DNKCIKEO_00008)
Proline/betaine transporter (DNKCIKEO_00006)
BopD (VF0362) (DNKCIKEO_00002)
1 3 5 7 9 10 11
IMGPR_plasmid_3300049633_000086 342:20086(+)
HTH-type transcriptional regulator XynR (MMIBILFB_00052)
Tyrosine recombinase XerC (MMIBILFB_00048)
Proline/betaine transporter (MMIBILFB_00050)
BopD (VF0362) (MMIBILFB_00054)
54 52 50 48 46 45 44
IMGPR_plasmid_3300045192_000064 36467:56211(-)
10000 nt
Virulence