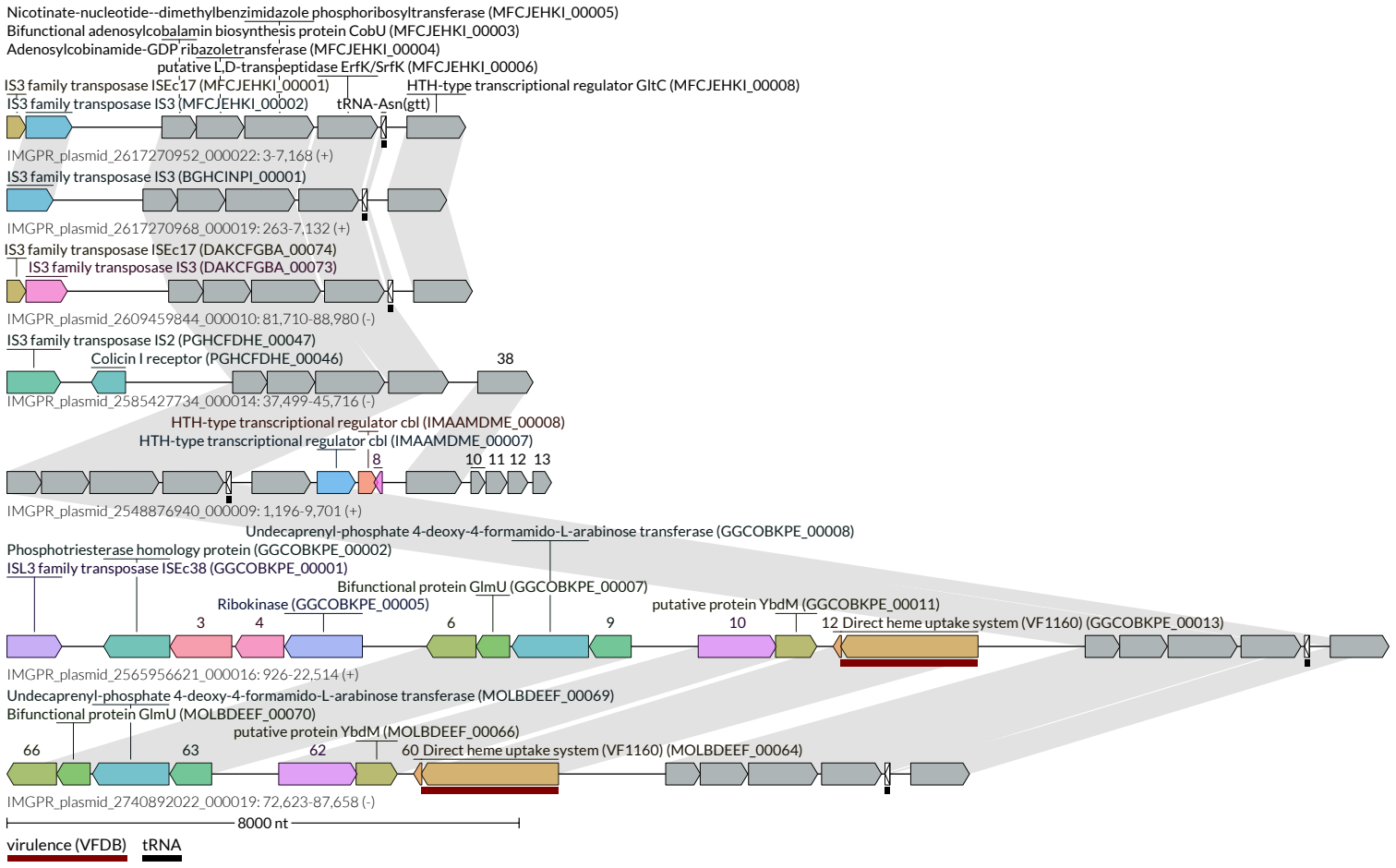
Nicotinate-nucleotide--dimethylbenzimidazole phosphoribosyltransferase (MFCJEHKI_00005)
Bifunctional adenosylcobalamin biosynthesis protein CobU (MFCJEHKI_00003)
Adenosylcobinamide-GDP ribazoletransferase (MFCJEHKI_00004)
putative L,D-transpeptidase ErfK/SrfK (MFCJEHKI_00006)
IS3 family transposase ISEc17 (MFCJEHKI_00001)
HTH-type transcriptional regulator GltC (MFCJEHKI_00008)
IS3 family transposase IS3 (MFCJEHKI_00002)
tRNA-Asn(gtt)
IMGPR_plasmid_2617270952_000022: 3-7,168 (+)
IS3 family transposase IS3 (BGHCINPI_00001)
IMGPR_plasmid_2617270968_000019: 263-7,132 (+)
IS3 family transposase ISEc17 (DAKCFGBA_00074)
IS3 family transposase IS3 (DAKCFGBA_00073)
IMGPR_plasmid_2609459844_000010: 81,710-88,980 (-)
IS3 family transposase IS2 (PGHCFDHE_00047)
Colicin I receptor (PGHCFDHE_00046)
38
IMGPR_plasmid_2585427734_000014: 37,499-45,716 (-)
HTH-type transcriptional regulator cbl (IMAAMDME_00008)
HTH-type transcriptional regulator cbl (IMAAMDME_00007)
8
10 11 12 13
IMGPR_plasmid_2548876940_000009: 1,196-9,701 (+)
Undecaprenyl-phosphate 4-deoxy-4-formamido-L-arabinose transferase (GGCOBKPE_00008)
Phosphotriesterase homology protein (GGCOBKPE_00002)
ISL3 family transposase ISEc38 (GGCOBKPE_00001)
Bifunctional protein GlmU (GGCOBKPE_00007)
Ribokinase (GGCOBKPE_00005)
putative protein YbdM (GGCOBKPE_00011)
3
4
6
9
10
12 Direct heme uptake system (VF1160) (GGCOBKPE_00013)
IMGPR_plasmid_2565956621_000016: 926-22,514 (+)
Undecaprenyl-phosphate 4-deoxy-4-formamido-L-arabinose transferase (MOLBDEEF_00069)
Bifunctional protein GlmU (MOLBDEEF_00070)
putative protein YbdM (MOLBDEEF_00066)
66
63
62
60 Direct heme uptake system (VF1160) (MOLBDEEF_00064)
IMGPR_plasmid_2740892022_000019: 72,623-87,658 (-)
8000 nt
virulence (VFDB)
tRNA