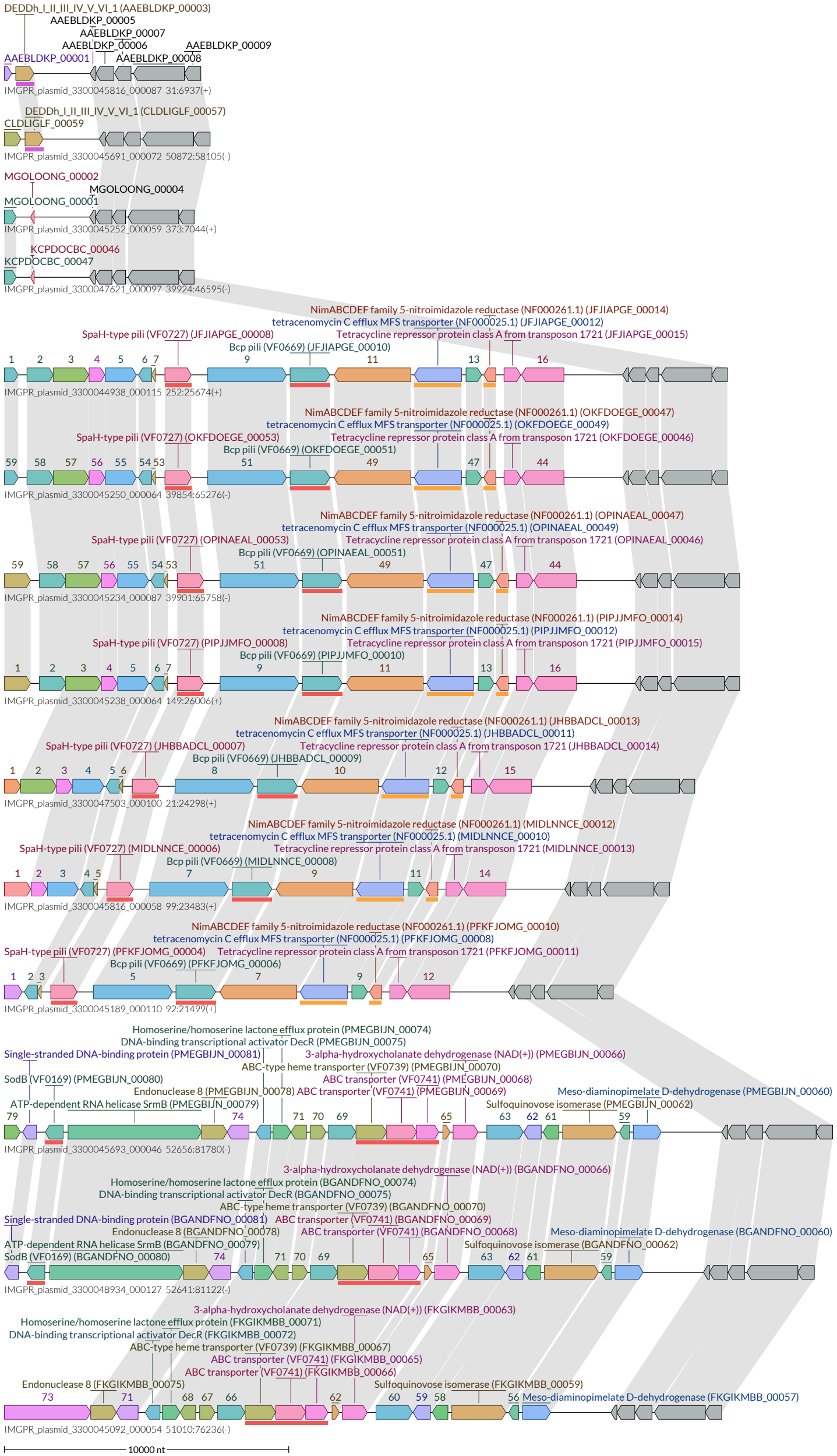
DEDDh_I_II_III_IV_V_VI_1 (AAEBLDKP_00003)
AAEBLDKP_00005
AAEBLDKP_00007
AAEBLDKP_00006
AAEBLDKP_00009
AAEBLDKP_00001
AAEBLDKP_00008
IMGPR_plasmid_3300045816_000087 31:6937(+)
DEDDh_I_II_III_IV_V_VI_1 (CLDLIGLF_00057)
CLDLIGLF_00059
IMGPR_plasmid_3300045691_000072 50872:58105(-)
MGOLOONG_00002
MGOLOONG_00004
MGOLOONG_00001
IMGPR_plasmid_3300045252_000059 373:7044(+)
KCPDOCBC_00046
KCPDOCBC_00047
IMGPR_plasmid_3300047621_000097 39924:46595(-)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (JFJIAPGE_00014)
tetracenomycin C efflux MFS transporter (NF000025.1) (JFJIAPGE_00012)
SpaH-type pili (VF0727) (JFJIAPGE_00008)
Tetracycline repressor protein class A from transposon 1721 (JFJIAPGE_00015)
Bcp pili (VF0669) (JFJIAPGE_00010)
1 2 3 4 5 6 7 9 11 13 16
IMGPR_plasmid_3300044938_000115 252:25674(+)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (OKFDOEGE_00047)
tetracenomycin C efflux MFS transporter (NF000025.1) (OKFDOEGE_00049)
SpaH-type pili (VF0727) (OKFDOEGE_00053)
Tetracycline repressor protein class A from transposon 1721 (OKFDOEGE_00046)
Bcp pili (VF0669) (OKFDOEGE_00051)
59 58 57 56 55 54 53 51 49 47 44
IMGPR_plasmid_3300045250_000064 39854:65276(-)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (OPINAEAL_00047)
tetracenomycin C efflux MFS transporter (NF000025.1) (OPINAEAL_00049)
SpaH-type pili (VF0727) (OPINAEAL_00053)
Tetracycline repressor protein class A from transposon 1721 (OPINAEAL_00046)
Bcp pili (VF0669) (OPINAEAL_00051)
59 58 57 56 55 54 53 51 49 47 44
IMGPR_plasmid_3300045234_000087 39901:65758(-)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (PIPJJMFO_00014)
tetracenomycin C efflux MFS transporter (NF000025.1) (PIPJJMFO_00012)
SpaH-type pili (VF0727) (PIPJJMFO_00008)
Tetracycline repressor protein class A from transposon 1721 (PIPJJMFO_00015)
Bcp pili (VF0669) (PIPJJMFO_00010)
1 2 3 4 5 6 7 9 11 13 16
IMGPR_plasmid_3300045238_000064 149:26006(+)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (JHBBADCL_00013)
tetracenomycin C efflux MFS transporter (NF000025.1) (JHBBADCL_00011)
SpaH-type pili (VF0727) (JHBBADCL_00007)
Tetracycline repressor protein class A from transposon 1721 (JHBBADCL_00014)
Bcp pili (VF0669) (JHBBADCL_00009)
1 2 3 4 5 6 8 10 12 15
IMGPR_plasmid_3300047503_000100 21:24298(+)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (MIDLNNCE_00012)
tetracenomycin C efflux MFS transporter (NF000025.1) (MIDLNNCE_00010)
SpaH-type pili (VF0727) (MIDLNNCE_00006)
Tetracycline repressor protein class A from transposon 1721 (MIDLNNCE_00013)
Bcp pili (VF0669) (MIDLNNCE_00008)
1 2 3 4 5 7 9 11 14
IMGPR_plasmid_3300045816_000058 99:23483(+)
NimABCDEF family 5-nitroimidazole reductase (NF000261.1) (PFKFJOMG_00010)
tetracenomycin C efflux MFS transporter (NF000025.1) (PFKFJOMG_00008)
SpaH-type pili (VF0727) (PFKFJOMG_00004)
Tetracycline repressor protein class A from transposon 1721 (PFKFJOMG_00011)
Bcp pili (VF0669) (PFKFJOMG_00006)
1 2 3 5 7 9 12
IMGPR_plasmid_3300045189_000110 92:21499(+)
Homoserine/homoserine lactone efflux protein (PMEGBIJN_00074)
DNA-binding transcriptional activator DecR (PMEGBIJN_00075)
Single-stranded DNA-binding protein (PMEGBIJN_00081)
3-alpha-hydroxycholanate dehydrogenase (NAD(+)) (PMEGBIJN_00066)
ABC-type heme transporter (VF0739) (PMEGBIJN_00070)
SodB (VF0169) (PMEGBIJN_00080)
ABC transporter (VF0741) (PMEGBIJN_00068)
Endonuclease 8 (PMEGBIJN_00078)
ABC transporter (VF0741) (PMEGBIJN_00069)
Meso-diaminopimelate D-dehydrogenase (PMEGBIJN_00060)
ATP-dependent RNA helicase SrmB (PMEGBIJN_00079)
Sulfoquinovose isomerase (PMEGBIJN_00062)
79 74 71 70 69 65 63 62 61 59
IMGPR_plasmid_3300045693_000046 52656:81780(-)
3-alpha-hydroxycholanate dehydrogenase (NAD(+)) (BGANDFNO_00066)
Homoserine/homoserine lactone efflux protein (BGANDFNO_00074)
DNA-binding transcriptional activator DecR (BGANDFNO_00075)
ABC-type heme transporter (VF0739) (BGANDFNO_00070)
Single-stranded DNA-binding protein (BGANDFNO_00081)
ABC transporter (VF0741) (BGANDFNO_00069)
Endonuclease 8 (BGANDFNO_00078)
ABC transporter (VF0741) (BGANDFNO_00068)
Meso-diaminopimelate D-dehydrogenase (BGANDFNO_00060)
ATP-dependent RNA helicase SrmB (BGANDFNO_00079)
Sulfoquinovose isomerase (BGANDFNO_00062)
SodB (VF0169) (BGANDFNO_00080)
74 71 70 69 65 63 62 61 59
IMGPR_plasmid_3300048934_000127 52641:81122(-)
3-alpha-hydroxycholanate dehydrogenase (NAD(+)) (FKGIKMBB_00063)
Homoserine/homoserine lactone efflux protein (FKGIKMBB_00071)
DNA-binding transcriptional activator DecR (FKGIKMBB_00072)
ABC-type heme transporter (VF0739) (FKGIKMBB_00067)
ABC transporter (VF0741) (FKGIKMBB_00065)
ABC transporter (VF0741) (FKGIKMBB_00066)
Endonuclease 8 (FKGIKMBB_00075)
Sulfoquinovose isomerase (FKGIKMBB_00059)
73 71 68 67 66 62 60 59 58 56
Meso-diaminopimelate D-dehydrogenase (FKGIKMBB_00057)
IMGPR_plasmid_3300045092_000054 51010:76236(-)
10000 nt
Defence
Virulence
AMR