Putative transposon Tn552 DNA-invertase bin3 (KKKPGOHP_00008)
TEM family class A beta-lactamase (NF000531.2) (KKKPGOHP_00004)
Glycerol-3-phosphate regulon repressor (KKKPGOHP_00003)
IS6 family transposase IS26 (KKKPGOHP_00005)
Protein UmuD (KKKPGOHP_00006)
IMGPR_plasmid_2588253973_000006 24:6654(+)
TEM family class A beta-lactamase (NF000531.2) (GHEEHPCM_00054)
Glycerol-3-phosphate regulon repressor (GHEEHPCM_00055)
IS6 family transposase IS26 (GHEEHPCM_00053)
GHEEHPCM_00052
IMGPR_plasmid_2609459901_000003 35597:41475(-)
TEM family class A beta-lactamase (NF000531.2) (MLECDAJC_00059)
Glycerol-3-phosphate regulon repressor (MLECDAJC_00060)
IS6 family transposase IS26 (MLECDAJC_00057)
Protein UmuD (MLECDAJC_00056)
IMGPR_plasmid_2718217864_000003 37561:45278(-)
OLKEAHFB_00053
OLKEAHFB_00048
IMGPR_plasmid_2718217963_000003 37241:42403(-)
ISL3 family transposase ISKox3 (ENJNHIBC_00047)
IMGPR_plasmid_2778261196_000003 31217:35793(-)
ISL3 family transposase ISKox3 (FABPGKCJ_00018)
IMGPR_plasmid_2775507052_000002 13212:17788(+)
ISL3 family transposase ISKox3 (MDKKIHBB_00047)
IMGPR_plasmid_2841023034_000002 31267:35843(-)
ISL3 family transposase ISKox3 (JPDGIHJL_00002)
JPDGIHJL_00006
IMGPR_plasmid_2791355271_000008 212:4789(+)
Tn3 family transposase ISEc63 (GNNCJGPD_00023)
ISL3 family transposase ISKox3 (GNNCJGPD_00019)
IS6 family transposase IS26 (GNNCJGPD_00022)
Protein UmuD (GNNCJGPD_00021)
IMGPR_plasmid_2861069343_000007 8705:14941(-)
Protein UmuD (LPJJKJOO_00050)
LPJJKJOO_00051
IMGPR_plasmid_2671180284_000013 35295:38751(-)
Protein UmuD (ABMLEBOE_00002)
ABMLEBOE_00001
IMGPR_plasmid_2609459930_000004 49:3505(+)
Protein UmuD (CABCEGDL_00052)
CABCEGDL_00053
IMGPR_plasmid_2667527772_000004 35364:38781(-)
IS6 family transposase IS26 (KEFIJMGH_00001)
Protein UmuD (KEFIJMGH_00002)
IMGPR_plasmid_2667527980_000005 162:3681(+)
IS6 family transposase IS26 (KHIBNEON_00049)
Protein UmuD (KHIBNEON_00048)
IMGPR_plasmid_2634166506_000008 31588:35107(-)
IS6 family transposase IS26 (IIJMHDLD_00001)
ISL3 family transposase ISKox3 (IIJMHDLD_00004)
Protein UmuD (IIJMHDLD_00002)
IMGPR_plasmid_2744054872_000009 39:4882(+)
IS6 family transposase IS26 (BJGMLMIK_00058)
Protein UmuD (BJGMLMIK_00057)
IMGPR_plasmid_2671181002_000006 39245:43103(-)
IS6 family transposase IS26 (HLGDMIBC_00001)
Protein UmuD (HLGDMIBC_00002)
IMGPR_plasmid_2663763190_000008 24:3810(+)
TEM family class A beta-lactamase (NF000531.2) (KLAJPFGK_00001)
IS6 family transposase IS26 (KLAJPFGK_00003)
IS6 family transposase IS26 (KLAJPFGK_00002)
Protein UmuD (KLAJPFGK_00004)
IMGPR_plasmid_2657245054_000004 242:5831(+)
Tn3 family transposase ISSba14 (ADMMPEEO_00001)
IS6 family transposase IS26 (ADMMPEEO_00002)
Protein UmuD (ADMMPEEO_00003)
IMGPR_plasmid_2636416105_000006 106:5391(+)
IS6 family transposase IS26 (PHJHOBAC_00002)
Protein UmuD (PHJHOBAC_00003)
PHJHOBAC_00001
IMGPR_plasmid_2609459893_000003 76:4841(+)
APH(3')-I family aminoglycoside O-phosphotransferase (NF033059.2) (DNCFADFB_00001)
IS6 family transposase IS26 (DNCFADFB_00002)
Protein UmuD (DNCFADFB_00003)
IMGPR_plasmid_2576861388_000004 328:5323(+)
APH(3')-I family aminoglycoside O-phosphotransferase (NF033059.2) (NCJBBOCJ_00002)
IS6 family transposase IS26 (NCJBBOCJ_00003)
Protein UmuD (NCJBBOCJ_00004)
NCJBBOCJ_00001
IMGPR_plasmid_2690315961_000009 49:5365(+)
IS1 family transposase IS1D (GHMNFHCM_00002)
GHMNFHCM_00003
GHMNFHCM_00001
IMGPR_plasmid_2721755654_000004 178:4580(-)
NDM family subclass B1 metallo-beta-lactamase (NF000259.2) (EAPCAOJI_00004)
N-(5'-phosphoribosyl)anthranilate isomerase (EAPCAOJI_00006)
IS30 family transposase ISAba125 (EAPCAOJI_00002)
Tn3 family transposase IS3000 (EAPCAOJI_00001)
IS6 family transposase IS26 (EAPCAOJI_00008)
IS5 family transposase IS5 (EAPCAOJI_00003)
Protein UmuD (EAPCAOJI_00009)
IMGPR_plasmid_2846898933_000001 52:11871(+)
TEM family class A beta-lactamase (NF000531.2) (LKGLBOIL_00054)
Glycerol-3-phosphate regulon repressor (LKGLBOIL_00055)
Type-2 restriction enzyme EcoRII (LKGLBOIL_00064)
DNA-cytosine methyltransferase (LKGLBOIL_00063)
L-threonate dehydrogenase (LKGLBOIL_00056)
3-oxo-tetronate kinase (LKGLBOIL_00058)
3-oxo-tetronate kinase (LKGLBOIL_00057)
IS6 family transposase IS26 (LKGLBOIL_00053)
Protein UmuD (LKGLBOIL_00052)
IMGPR_plasmid_2663763125_000005 35375:48166(-)
TEM family class A beta-lactamase (NF000531.2) (GLPDNCFP_00053)
Glycerol-3-phosphate regulon repressor (GLPDNCFP_00054)
Type-2 restriction enzyme EcoRII (GLPDNCFP_00061)
DNA-cytosine methyltransferase (GLPDNCFP_00060)
IS6 family transposase IS26 (GLPDNCFP_00052)
L-threonate dehydrogenase (GLPDNCFP_00055)
Protein UmuD (GLPDNCFP_00051)
IMGPR_plasmid_2671181080_000004 35452:47424(-)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (GPAFEMPN_00061)
Type-2 restriction enzyme EcoRII (GPAFEMPN_00058)
DNA-cytosine methyltransferase (GPAFEMPN_00057)
IS6 family transposase IS26 (GPAFEMPN_00053)
Tyrosine recombinase XerC (GPAFEMPN_00062)
Protein UmuD (GPAFEMPN_00052)
IMGPR_plasmid_2660238204_000004 35460:47391(-)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (FCNOINFL_00061)
Type-2 restriction enzyme EcoRII (FCNOINFL_00058)
DNA-cytosine methyltransferase (FCNOINFL_00057)
IS6 family transposase IS26 (FCNOINFL_00053)
Protein UmuD (FCNOINFL_00052)
IMGPR_plasmid_2609459959_000004 35657:46473(-)
TEM family class A beta-lactamase (NF000531.2) (NMJEPAFJ_00057)
IS6 family transposase IS26 (NMJEPAFJ_00056)
L-threonate dehydrogenase (NMJEPAFJ_00002)
3-oxo-tetronate kinase (NMJEPAFJ_00004)
Tn3 family transposase IS3000 (NMJEPAFJ_00005)
3-oxo-tetronate kinase (NMJEPAFJ_00003)
Protein UmuD (NMJEPAFJ_00055)
IMGPR_plasmid_2667527957_000005 1:8403(-), 37954:43474(-)
TEM family class A beta-lactamase (NF000531.2) (PDHPEEGE_00056)
HTH-type transcriptional repressor GlcR (PDHPEEGE_00057)
IS6 family transposase IS26 (PDHPEEGE_00055)
L-threonate dehydrogenase (PDHPEEGE_00001)
3-oxo-tetronate kinase (PDHPEEGE_00003)
3-oxo-tetronate kinase (PDHPEEGE_00002)
Tn3 family transposase IS3000 (PDHPEEGE_00004)
Protein UmuD (PDHPEEGE_00054)
IMGPR_plasmid_2660237986_000006 1:8283(-), 37834:43474(-)
Glycerol-3-phosphate regulon repressor (CHDCFMDA_00001)
IS6 family transposase IS26 (CHDCFMDA_00056)
L-threonate dehydrogenase (CHDCFMDA_00002)
3-oxo-tetronate kinase (CHDCFMDA_00004)
3-oxo-tetronate kinase (CHDCFMDA_00003)
Tn3 family transposase IS3000 (CHDCFMDA_00005)
Protein UmuD (CHDCFMDA_00055)
IMGPR_plasmid_2671180994_000004 1:8958(-), 38509:43474(-)
TEM family class A beta-lactamase (NF000531.2) (JNOABECN_00012)
Glycerol-3-phosphate regulon repressor (JNOABECN_00013)
IS6 family transposase IS26 (JNOABECN_00011)
L-threonate dehydrogenase (JNOABECN_00014)
3-oxo-tetronate kinase (JNOABECN_00015)
Tn3 family transposase IS3000 (JNOABECN_00016)
Protein UmuD (JNOABECN_00010)
IMGPR_plasmid_2663762880_000005 2486:16327(-)
TEM family class A beta-lactamase (NF000531.2) (KLKJNEEM_00012)
Glycerol-3-phosphate regulon repressor (KLKJNEEM_00013)
IS6 family transposase IS26 (KLKJNEEM_00011)
L-threonate dehydrogenase (KLKJNEEM_00014)
3-oxo-tetronate kinase (KLKJNEEM_00016)
Tn3 family transposase IS3000 (KLKJNEEM_00017)
3-oxo-tetronate kinase (KLKJNEEM_00015)
Protein UmuD (KLKJNEEM_00010)
IMGPR_plasmid_2690315810_000003 2348:17279(-)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (MHBJJFAN_00061)
TEM family class A beta-lactamase (NF000531.2) (MHBJJFAN_00064)
Glycerol-3-phosphate regulon repressor (MHBJJFAN_00065)
Type-2 restriction enzyme EcoRII (MHBJJFAN_00058)
IS6 family transposase IS26 (MHBJJFAN_00063)
L-threonate dehydrogenase (MHBJJFAN_00066)
Tyrosine recombinase XerC (MHBJJFAN_00062)
3-oxo-tetronate kinase (MHBJJFAN_00001)
DNA-cytosine methyltransferase (MHBJJFAN_00057)
3-oxo-tetronate kinase (MHBJJFAN_00067)
IS6 family transposase IS26 (MHBJJFAN_00053)
Tn3 family transposase IS3000 (MHBJJFAN_00002)
Protein UmuD (MHBJJFAN_00052)
IMGPR_plasmid_2667527810_000003 1:6239(-), 35790:51941(-)
TEM family class A beta-lactamase (NF000531.2) (LJJFAEML_00026)
Glycerol-3-phosphate regulon repressor (LJJFAEML_00025)
IS6 family transposase IS15DII (LJJFAEML_00027)
IS6 family transposase IS26 (LJJFAEML_00028)
3-oxo-tetronate kinase (LJJFAEML_00021)
Tn3 family transposase IS3000 (LJJFAEML_00020)
Protein UmuD (LJJFAEML_00029)
IMGPR_plasmid_2875250886_000004 11604:25570(+)
Mph(E)/Mph(G) family macrolide 2'-phosphotransferase (NF000241.1) (HMDCACNE_00016)
APH(3')-I family aminoglycoside O-phosphotransferase (NF033059.2) (HMDCACNE_00019)
tetracycline efflux MFS transporter Tet(V) (NF012178.0) (HMDCACNE_00017)
TEM family class A beta-lactamase (NF000531.2) (HMDCACNE_00022)
HTH-type transcriptional repressor GlcR (HMDCACNE_00023)
IS481 family transposase ISKpn28 (HMDCACNE_00015)
IS481 family transposase ISKpn28 (HMDCACNE_00014)
IS6 family transposase IS26 (HMDCACNE_00020)
IS6 family transposase IS15 (HMDCACNE_00021)
L-threonate dehydrogenase (HMDCACNE_00025)
3-oxo-tetronate kinase (HMDCACNE_00027)
Tn3 family transposase ISSba14 (HMDCACNE_00012)
3-oxo-tetronate kinase (HMDCACNE_00026)
IS6 family transposase IS26 (HMDCACNE_00011)
Tn3 family transposase IS3000 (HMDCACNE_00028)
IS6 family transposase IS26 (HMDCACNE_00013)
Protein UmuD (HMDCACNE_00010)
IMGPR_plasmid_2851465294_000002 2257:24129(-)
AAC(6')-Ib family aminoglycoside 6'-N-acetyltransferase (NF033074.0) (OMNKOLNK_00040)
TEM family class A beta-lactamase (NF000531.2) (OMNKOLNK_00052)
Glycerol-3-phosphate regulon repressor (OMNKOLNK_00053)
IS6 family transposase IS26 (OMNKOLNK_00051)
IS6 family transposase IS26 (OMNKOLNK_00038)
Regulatory protein rop (OMNKOLNK_00047)
Cloacin immunity protein (OMNKOLNK_00036)
L-threonate dehydrogenase (OMNKOLNK_00054)
Tn3 family transposase Tn3 (OMNKOLNK_00042)
IS6 family transposase IS26 (OMNKOLNK_00033)
3-oxo-tetronate kinase (OMNKOLNK_00055)
Transposon Tn3 resolvase (OMNKOLNK_00041)
Tn3 family transposase IS3000 (OMNKOLNK_00057)
Colicin-E3 (OMNKOLNK_00037)
Protein UmuD (OMNKOLNK_00032)
3-oxo-tetronate kinase (OMNKOLNK_00056)
IMGPR_plasmid_2588253733_000002 19707:48201(-)
BKC/GPC family carbapenem-hydrolyzing class A beta-lactamase (NF033626.2) (BGEFJCCE_00061)
TEM family class A beta-lactamase (NF000531.2) (BGEFJCCE_00003)
Glycerol-3-phosphate regulon repressor (BGEFJCCE_00002)
IS1182 family transposase ISKpn6 (BGEFJCCE_00062)
IS21 family transposase ISKpn7 (BGEFJCCE_00060)
IS6 family transposase IS26 (BGEFJCCE_00004)
Tn3 family transposase IS3000 (BGEFJCCE_00056)
Tn3 family transposase IS3000 (BGEFJCCE_00063)
Tn3 family transposase ISPsy42 (BGEFJCCE_00058)
L-threonate dehydrogenase (BGEFJCCE_00001)
Tyrosine recombinase XerC (BGEFJCCE_00057)
Protein UmuD (BGEFJCCE_00005)
IMGPR_plasmid_2660238604_000005 37493:7942(+)
PRK|PRK10026.1: glutaredoxin-dependent arsenate reductase (NF007456.1) (NNNCDNEI_00014)
Cmx/CmrA family chloramphenicol efflux MFS transporter (NF033135.1) (NNNCDNEI_00019)
arsenite efflux transporter membrane subunit ArsB (NF033877.0) (NNNCDNEI_00015)
Arsenic resistance transcriptional regulator ArsR2 (NNNCDNEI_00016)
NADPH-dependent FMN reductase ArsH (NNNCDNEI_00013)
Putative fluoride ion transporter CrcB (NNNCDNEI_00020)
C4-dicarboxylic acid transporter DauA (NNNCDNEI_00017)
Na(+)/H(+) antiporter NhaA (NNNCDNEI_00021)
csa3_I_II_III_IV_V_VI_2 (NNNCDNEI_00012)
IMGPR_plasmid_3300053491_034716 2984:19018(-)
Transposon gamma-delta resolvase (GJGNPANI_00038)
Tn3 family transposase ISEc63 (GJGNPANI_00039)
IS110 family transposase IS5075 (GJGNPANI_00040)
IMGPR_plasmid_2869445338_000002 20342:33973(-)
BKC/GPC family carbapenem-hydrolyzing class A beta-lactamase (NF033626.2) (KBIJNEKO_00007)
IS21 family transposase ISKpn7 (KBIJNEKO_00005)
IS1182 family transposase ISKpn6 (KBIJNEKO_00008)
Tyrosine recombinase XerC (KBIJNEKO_00002)
Tn3 family transposase ISPsy42 (KBIJNEKO_00003)
IMGPR_plasmid_2588254044_000004 151:16980(+)
10000 nt
Defence
AMR