Tyrosine recombinase XerC (NCJGDDCP_00184)
IMGPR_plasmid_2693429637_000008 130373:141308(+)
tRNA3(Ser)-specific nuclease WapA (ANKLAPML_00170)
IS3 family transposase ISEhe3 (ANKLAPML_00168)
IMGPR_plasmid_2909272501_000003 125690:137858(+)
HFMBCLHD_00067
HFMBCLHD_00066
HFMBCLHD_00068
IMGPR_plasmid_645951841_000001 51566:62310(+)
BAIILOOH_00145
BAIILOOH_00146
BAIILOOH_00144
IMGPR_plasmid_2636416088_000007 106276:116602(-)
IMGPR_plasmid_2775507001_000001 59281:72102(-)
HMEGFLEL_00124
HMEGFLEL_00125
HMEGFLEL_00126
HMEGFLEL_00123
IMGPR_plasmid_2939086508_000002 93707:103595(-)
EBAIICOK_00154
EBAIICOK_00153
EBAIICOK_00152
EBAIICOK_00155
IMGPR_plasmid_2687453519_000001 118345:128233(+)
JDDPIIDF_00036
JDDPIIDF_00035
JDDPIIDF_00037
IMGPR_plasmid_2844059735_000001 26049:35937(+)
CCFGNMAB_00148
CCFGNMAB_00149
CCFGNMAB_00147
IMGPR_plasmid_2847845980_000001 110827:120715(-)
OINFPEOO_00105
OINFPEOO_00104
OINFPEOO_00106
IMGPR_plasmid_2939101819_000002 85839:95727(+)
GBGEHDGD_00181
GBGEHDGD_00180
3'-5' exonuclease DinG (GBGEHDGD_00186)
IMGPR_plasmid_2872097386_000004 133469:141864(+)
Tyrosine recombinase XerD (LLNPKJHB_00012)
DEDDh_I_II_III_IV_V_VI_1 (LLNPKJHB_00014)
LLNPKJHB_00013
LLNPKJHB_00005
LLNPKJHB_00006
LLNPKJHB_00007
LLNPKJHB_00015
LLNPKJHB_00004
LLNPKJHB_00011
IMGPR_plasmid_2925456605_000005 243:11478(+)
csf3gr5_IV-A_2 (DMDPIDON_00072)
csf5gr6_IV-A_1 (DMDPIDON_00069)
csf1gr8_IV-A_2 (DMDPIDON_00070)
csf4_IV-A1_2 (DMDPIDON_00068)
csf2gr7_IV-A_1 (DMDPIDON_00071)
IMGPR_plasmid_2751185960_000001 29928:57869(-)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (JAIHPDOK_00170)
aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (JAIHPDOK_00177)
Tetracycline repressor protein class B from transposon Tn10 (JAIHPDOK_00171)
Transposon Tn10 TetD protein (JAIHPDOK_00168)
IS3 family transposase IS1133 (JAIHPDOK_00164)
Transposon Tn10 TetC protein (JAIHPDOK_00169)
IS3 family transposase IS1133 (JAIHPDOK_00166)
IS4 family transposase ISVsa5 (JAIHPDOK_00167)
IS5 family transposase IS903 (JAIHPDOK_00165)
Sodium/glutamate symporter (JAIHPDOK_00175)
putative protein YqjZ (JAIHPDOK_00174)
DNA-invertase hin (JAIHPDOK_00163)
Tn3 family transposase (JAIHPDOK_00162)
IS4 family transposase ISVsa5 (JAIHPDOK_00176)
APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (JAIHPDOK_00178)
IMGPR_plasmid_641210498_000001 113489:141163(+)
RM__Type_I_REases__Type_I_REases_FAM_0.einsi_trimmed (GMDENGIK_00107)
RM__Type_I_MTases__Type_I_MTases_FAM_0 (GMDENGIK_00112)
Transposon Tn7 transposition protein TnsA (GMDENGIK_00102)
RM__Type_I_S__Type_I_S_01 (GMDENGIK_00110)
Transposon Tn7 transposition protein TnsB (GMDENGIK_00103)
PrrC__PrrC (GMDENGIK_00111)
Tn3 family transposase IS3000 (GMDENGIK_00120)
IMGPR_plasmid_2896807372_000004 89239:122615(+)
quaternary ammonium compound efflux SMR transporter QacE (NF000276.2) (BIMLHKAM_00166)
QnrVC family quinolone resistance pentapeptide repeat protein (NF000421.1) (BIMLHKAM_00163)
trimethoprim-resistant dihydrofolate reductase DfrA36 (NF033868.0) (BIMLHKAM_00168)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (BIMLHKAM_00167)
sulfonamide-resistant dihydropteroate synthase Sul2 (NF000295.1) (BIMLHKAM_00162)
IS110 family transposase IS4321L (BIMLHKAM_00172)
Tyrosine recombinase XerC (BIMLHKAM_00169)
Tn3 family transposase TnAs2 (BIMLHKAM_00171)
DNA-invertase hin (BIMLHKAM_00170)
IMGPR_plasmid_2859691592_000002 121311:140789(+)
quaternary ammonium compound efflux SMR transporter QacE (NF000276.2) (PLJPIHHH_00118)
trimethoprim-resistant dihydrofolate reductase DfrA36 (NF033868.0) (PLJPIHHH_00116)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (PLJPIHHH_00117)
IS110 family transposase IS4321L (PLJPIHHH_00112)
Tyrosine recombinase XerC (PLJPIHHH_00115)
Tn3 family transposase TnAs2 (PLJPIHHH_00113)
DNA-invertase hin (PLJPIHHH_00114)
IMGPR_plasmid_2869866812_000004 74527:94535(-)
quaternary ammonium compound efflux SMR transporter QacE (NF000276.2) (JIGFIOGH_00117)
aminoglycoside nucleotidyltransferase ANT(2'')-Ia (NF000064.3) (JIGFIOGH_00116)
IS110 family transposase IS4321L (JIGFIOGH_00112)
Tyrosine recombinase XerC (JIGFIOGH_00115)
Tn3 family transposase TnAs2 (JIGFIOGH_00113)
DNA-invertase hin (JIGFIOGH_00114)
IMGPR_plasmid_2718218004_000004 80401:98711(-)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (FPENEHMK_00176)
PRK|PRK13747.1: broad-spectrum mercury transporter MerE (NF010310.2) (FPENEHMK_00172)
Mph(E)/Mph(G) family macrolide 2'-phosphotransferase (NF000241.1) (FPENEHMK_00161)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (FPENEHMK_00165)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (FPENEHMK_00164)
aminoglycoside 6'-N-acetyltransferase, group E (NF043067.1) (FPENEHMK_00166)
VIM family subclass B1 metallo-beta-lactamase (NF012100.0) (FPENEHMK_00167)
mercury resistance co-regulator MerD (NF033783.1) (FPENEHMK_00173)
putative chromate transport protein (FPENEHMK_00155)
organomercurial transporter MerC (NF033784.1) (FPENEHMK_00175)
IS110 family transposase IS4321L (FPENEHMK_00154)
TIGRFAMs: mercury(II) reductase (TIGR02053.1) (FPENEHMK_00174)
IS6 family transposase IS6100 (FPENEHMK_00157)
mercuric transport protein MerT (NF033560.1) (FPENEHMK_00177)
IS6 family transposase IS26 (FPENEHMK_00169)
IS6 family transposase IS26 (FPENEHMK_00162)
Multidrug efflux pump Tap (FPENEHMK_00160)
Transcriptional regulator (FPENEHMK_00156)
ISL3 family transposase ISStma11 (FPENEHMK_00178)
Tyrosine recombinase XerC (FPENEHMK_00168)
putative signaling protein (FPENEHMK_00171)
IS110 family transposase IS4321L (FPENEHMK_00179)
IMGPR_plasmid_2909278081_000001 108359:140773(+)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (KMNAGAPB_00169)
PRK|PRK13747.1: broad-spectrum mercury transporter MerE (NF010310.2) (KMNAGAPB_00165)
Mph(E)/Mph(G) family macrolide 2'-phosphotransferase (NF000241.1) (KMNAGAPB_00154)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (KMNAGAPB_00158)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (KMNAGAPB_00157)
aminoglycoside 6'-N-acetyltransferase, group E (NF043067.1) (KMNAGAPB_00159)
VIM family subclass B1 metallo-beta-lactamase (NF012100.0) (KMNAGAPB_00160)
mercury resistance co-regulator MerD (NF033783.1) (KMNAGAPB_00166)
tetracycline efflux MFS transporter Tet(V) (NF012178.0) (KMNAGAPB_00153)
organomercurial transporter MerC (NF033784.1) (KMNAGAPB_00168)
TEM family class A beta-lactamase (NF000531.2) (KMNAGAPB_00151)
putative chromate transport protein (KMNAGAPB_00146)
mercuric transport protein MerT (NF033560.1) (KMNAGAPB_00170)
IS110 family transposase IS4321L (KMNAGAPB_00145)
TIGRFAMs: mercury(II) reductase (TIGR02053.1) (KMNAGAPB_00167)
IS6 family transposase IS6100 (KMNAGAPB_00148)
IS6 family transposase IS26 (KMNAGAPB_00162)
IS6 family transposase IS26 (KMNAGAPB_00155)
Transposon Tn3 resolvase (KMNAGAPB_00150)
ISL3 family transposase ISStma11 (KMNAGAPB_00171)
Transcriptional regulator (KMNAGAPB_00147)
Tyrosine recombinase XerC (KMNAGAPB_00161)
Tn3 family transposase Tn2 (KMNAGAPB_00149)
putative signaling protein (KMNAGAPB_00164)
IS110 family transposase IS4321L (KMNAGAPB_00172)
IMGPR_plasmid_2877210606_000002 106788:144158(+)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (DNCLCBPJ_00174)
quaternary ammonium compound efflux SMR transporter QacE (NF000276.2) (DNCLCBPJ_00142)
PRK|PRK13747.1: broad-spectrum mercury transporter MerE (NF010310.2) (DNCLCBPJ_00170)
QnrVC family quinolone resistance pentapeptide repeat protein (NF000421.1) (DNCLCBPJ_00145)
Mph(E)/Mph(G) family macrolide 2'-phosphotransferase (NF000241.1) (DNCLCBPJ_00159)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (DNCLCBPJ_00163)
sulfonamide-resistant dihydropteroate synthase Sul1 (NF000294.1) (DNCLCBPJ_00146)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (DNCLCBPJ_00162)
aminoglycoside 6'-N-acetyltransferase, group E (NF043067.1) (DNCLCBPJ_00164)
VIM family subclass B1 metallo-beta-lactamase (NF012100.0) (DNCLCBPJ_00165)
aminoglycoside nucleotidyltransferase ANT(2'')-Ia (NF000064.3) (DNCLCBPJ_00141)
mercury resistance co-regulator MerD (NF033783.1) (DNCLCBPJ_00171)
TEM family class A beta-lactamase (NF000531.2) (DNCLCBPJ_00155)
putative chromate transport protein (DNCLCBPJ_00150)
organomercurial transporter MerC (NF033784.1) (DNCLCBPJ_00173)
IS110 family transposase IS4321L (DNCLCBPJ_00149)
mercuric transport protein MerT (NF033560.1) (DNCLCBPJ_00175)
IS6 family transposase IS6100 (DNCLCBPJ_00152)
TIGRFAMs: mercury(II) reductase (TIGR02053.1) (DNCLCBPJ_00172)
IS6 family transposase IS26 (DNCLCBPJ_00160)
IS110 family transposase IS4321L (DNCLCBPJ_00137)
Multidrug efflux pump Tap (DNCLCBPJ_00158)
ISL3 family transposase ISStma11 (DNCLCBPJ_00176)
Transcriptional regulator (DNCLCBPJ_00151)
IS6 family transposase IS26 (DNCLCBPJ_00167)
Tyrosine recombinase XerC (DNCLCBPJ_00140)
Transposon Tn3 resolvase (DNCLCBPJ_00154)
IS110 family transposase IS4321L (DNCLCBPJ_00177)
Tn3 family transposase TnAs2 (DNCLCBPJ_00138)
Tn3 family transposase Tn2 (DNCLCBPJ_00153)
Tyrosine recombinase XerC (DNCLCBPJ_00166)
DNA-invertase hin (DNCLCBPJ_00139)
putative signaling protein (DNCLCBPJ_00169)
IMGPR_plasmid_2860623524_000004 99683:144564(+)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (LFDBBDDD_00120)
PRK|PRK13747.1: broad-spectrum mercury transporter MerE (NF010310.2) (LFDBBDDD_00116)
PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (LFDBBDDD_00122)
AAC(6')-Ib family aminoglycoside 6'-N-acetyltransferase (NF033074.0) (LFDBBDDD_00133)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (LFDBBDDD_00132)
organomercurial transporter MerC (NF033784.1) (LFDBBDDD_00119)
mercuric transport protein MerT (NF033560.1) (LFDBBDDD_00121)
TEM family class A beta-lactamase (NF000531.2) (LFDBBDDD_00129)
TEM family class A beta-lactamase (NF000531.2) (LFDBBDDD_00126)
Glycerol-3-phosphate regulon repressor (LFDBBDDD_00127)
class D beta-lactamase (NF000270.1) (LFDBBDDD_00131)
ISL3 family transposase ISStma11 (LFDBBDDD_00136)
mercury resistance co-regulator MerD (NF033783.1) (LFDBBDDD_00117)
IS110 family transposase IS4321L (LFDBBDDD_00137)
IS3 family transposase ISEc36 (LFDBBDDD_00123)
IS5 family transposase IS903 (LFDBBDDD_00125)
IS6 family transposase IS6100 (LFDBBDDD_00141)
Tn3 family transposase (LFDBBDDD_00128)
Transposon Tn3 resolvase (LFDBBDDD_00130)
Tn3 family transposase ISPa38 (LFDBBDDD_00113)
Tn3 family transposase Tn2 (LFDBBDDD_00135)
DNA-invertase hin (LFDBBDDD_00114)
Mercuric reductase (LFDBBDDD_00118)
Transposon Tn3 resolvase (LFDBBDDD_00134)
IS110 family transposase IS4321L (LFDBBDDD_00112)
IMGPR_plasmid_2718217905_000003 80401:120157(-)
10000 nt
Defence
AMR