Sensor histidine kinase RcsC (MEBLLOEI_00004)
IS6 family transposase IS26 (MEBLLOEI_00001)
MEBLLOEI_00005
Tyrosine recombinase XerC (MEBLLOEI_00003)
MEBLLOEI_00007
Tn3 family transposase TnAs1 (MEBLLOEI_00002)
MEBLLOEI_00006
MEBLLOEI_00008
IMGPR_plasmid_2648501392_000010 62:9821(+)
Tyrosine recombinase XerC (MEDAPNKA_00002)
Tn3 family transposase TnAs1 (MEDAPNKA_00001)
IMGPR_plasmid_2724679308_000005 57:9072(+)
Tyrosine recombinase XerC (LILNBLFE_00002)
Tn3 family transposase TnAs1 (LILNBLFE_00001)
IMGPR_plasmid_2619619129_000005 144:9003(+)
Tyrosine recombinase XerC (PIFOBGJE_00026)
Tn3 family transposase TnAs1 (PIFOBGJE_00027)
IMGPR_plasmid_2744055167_000002 17342:26201(-)
GGAFMCDE_00029
IMGPR_plasmid_3300029222_000015 20400:26078(-)
Tyrosine recombinase XerC (GPONMPGH_00050)
Tyrosine recombinase XerC (GPONMPGH_00049)
Tn3 family transposase TnAs1 (GPONMPGH_00051)
IMGPR_plasmid_2751185970_000004 33525:42535(-)
Tyrosine recombinase XerC (MBCOACKK_00060)
Tn3 family transposase TnAs1 (MBCOACKK_00062)
MBCOACKK_00061
IMGPR_plasmid_2747842640_000001 49305:57698(-)
Tn3 family transposase TnAs1 (IFCJPLJO_00001)
IMGPR_plasmid_2609459803_000001 58:7356(+)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (JPGHIABD_00049)
IS3 family transposase IS3411 (JPGHIABD_00047)
IS6 family transposase IS15DII (JPGHIABD_00048)
IS6 family transposase IS26 (JPGHIABD_00045)
IS3 family transposase IS629 (JPGHIABD_00046)
Tyrosine recombinase XerC (JPGHIABD_00050)
DNA-invertase hin (JPGHIABD_00051)
Tn3 family transposase TnAs1 (JPGHIABD_00044)
IMGPR_plasmid_2681813369_000002 32859:47241(-)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (EFBJDELL_00048)
IS6 family transposase IS26 (EFBJDELL_00045)
IS3 family transposase IS629 (EFBJDELL_00046)
Tyrosine recombinase XerC (EFBJDELL_00049)
DNA-invertase hin (EFBJDELL_00050)
47
Tn3 family transposase TnAs1 (EFBJDELL_00044)
IMGPR_plasmid_2706794608_000002 32769:46737(-)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (HKKALODB_00003)
IS6 family transposase IS26 (HKKALODB_00004)
IS6 family transposase IS26 (HKKALODB_00005)
Tyrosine recombinase XerC (HKKALODB_00002)
IS6 family transposase IS26 (HKKALODB_00007)
DNA-invertase hin (HKKALODB_00001)
Tn3 family transposase TnAs1 (HKKALODB_00008)
Tn3 family transposase ISPa38 (HKKALODB_00006)
IMGPR_plasmid_2671180902_000002 959:17138(+)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (FDEHBIIO_00004)
IS6 family transposase IS26 (FDEHBIIO_00006)
Tyrosine recombinase XerC (FDEHBIIO_00003)
DNA-invertase hin (FDEHBIIO_00002)
1
5
Tn3 family transposase TnAs1 (FDEHBIIO_00007)
IMGPR_plasmid_2747842642_000001 531:14352(+)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (CPHOHGCO_00004)
IS6 family transposase IS26 (CPHOHGCO_00006)
Tyrosine recombinase XerC (CPHOHGCO_00003)
DNA-invertase hin (CPHOHGCO_00002)
Tn3 family transposase TnAs1 (CPHOHGCO_00007)
1
5
Tyrosine recombinase XerC (CPHOHGCO_00008)
IMGPR_plasmid_2744055268_000002 299:15262(+)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (HFDMHHFM_00046)
Tetracycline repressor protein class A from transposon 1721 (HFDMHHFM_00047)
48
45
Tn3 family transposase TnAs1 (HFDMHHFM_00044)
IMGPR_plasmid_2747842641_000002 32869:45127(-)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (LHDIJHDI_00038)
Tetracycline repressor protein class A from transposon 1721 (LHDIJHDI_00039)
Tn3 family transposase TnAs1 (LHDIJHDI_00041)
40
37
Tn3 family transposase TnAs1 (LHDIJHDI_00036)
IMGPR_plasmid_2663762948_000002 25209:39090(-)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (LKAKJDHA_00060)
Tetracycline repressor protein class A from transposon 1721 (LKAKJDHA_00061)
Tn3 family transposase TnAs1 (LKAKJDHA_00063)
62
59
Tn3 family transposase TnAs1 (LKAKJDHA_00058)
IMGPR_plasmid_2619619133_000001 46884:59544(-)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (CPBBGCLH_00049)
Tetracycline repressor protein class A from transposon 1721 (CPBBGCLH_00050)
IS6 family transposase IS26 (CPBBGCLH_00046)
51
48
47
Tn3 family transposase TnAs1 (CPBBGCLH_00045)
IMGPR_plasmid_2747842638_000002 34019:46926(-)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (EIHOIFOO_00030)
PRK|PRK13747.1: broad-spectrum mercury transporter MerE (NF010310.2) (EIHOIFOO_00035)
PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (EIHOIFOO_00028)
mercury resistance co-regulator MerD (NF033783.1) (EIHOIFOO_00034)
organomercurial transporter MerC (NF033784.1) (EIHOIFOO_00031)
mercuric transport protein MerT (NF033560.1) (EIHOIFOO_00029)
TIGRFAMs: mercury(II) reductase (TIGR02053.1) (EIHOIFOO_00033)
IS110 family transposase IS4321R (EIHOIFOO_00037)
36
Mercuric reductase (EIHOIFOO_00032)
IMGPR_plasmid_3300029068_000010 18573:29019(-)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (FAEABEJD_00030)
organomercurial transporter MerC (NF033784.1) (FAEABEJD_00031)
mercuric transport protein MerT (NF033560.1) (FAEABEJD_00029)
32
PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (FAEABEJD_00028)
IMGPR_plasmid_3300011845_000009 18524:25503(-)
BKC/GPC family carbapenem-hydrolyzing class A beta-lactamase (NF033626.2) (CMHDLKJD_00035)
IS21 family transposase ISKpn7 (CMHDLKJD_00036)
Tn3 family transposase ISPsy42 (CMHDLKJD_00038)
Tn3 family transposase Tn2 (CMHDLKJD_00033)
Tyrosine recombinase XerC (CMHDLKJD_00039)
37
IS1182 family transposase ISKpn6 (CMHDLKJD_00034)
32
IMGPR_plasmid_2751185926_000007 21899:40423(-)
Virulence-associated proteins (VF0679) (PLDBBHLJ_00037)
Endoribonuclease HigB (PLDBBHLJ_00038)
Protein UmuD (PLDBBHLJ_00039)
40
36
35
34
33
32
31
30
29
IMGPR_plasmid_3300013025_000051 18764:31210(-)
Virulence-associated proteins (VF0679) (CBCMCEJE_00004)
DNA-binding protein H-NS (CBCMCEJE_00034)
Endoribonuclease HigB (CBCMCEJE_00003)
Protein UmuD (CBCMCEJE_00002)
Pld (VF0491) (CBCMCEJE_00037)
35
36
38
1
5
6
7
8
9
10
11
IMGPR_plasmid_3300027766_000051 25772:12108(+)
Protein UmuD (HPKGICBD_00003)
DNA primase TraC (HPKGICBD_00001)
2
4
5
6
7
8
9
10
11
12
IMGPR_plasmid_2547132185_000002 313:13748(+)
Protein UmuD (DJLLFOHG_00037)
38
36
35
34
33
32
31
30
29
28
IMGPR_plasmid_2551306516_000002 18456:30477(-)
7000 nt
Virulence
AMR