Qac-pB8 family quaternary ammonium compound efflux SMR transporter (NF000148.1) (EDBBMLHA_00077)
CMY-2 family class C beta-lactamase (NF000191.1) (EDBBMLHA_00079)
Transcription antitermination protein RfaH (EDBBMLHA_00084)
Outer membrane lipoprotein Blc (EDBBMLHA_00078)
Colicin Ib (VF1184) (EDBBMLHA_00072)
IS91 family transposase ISSbo1 (EDBBMLHA_00081)
Replication initiation protein (EDBBMLHA_00082)
IMGPR_plasmid_2737471866_000003 59989:78449(+)
IS91 family transposase ISSbo1 (HEDMBDFP_00002)
HEDMBDFP_00001
HEDMBDFP_00003
IMGPR_plasmid_2737471820_000001 1583:9088(+)
IS6 family transposase IS26 (FGIMEHEP_00079)
3'-5' exonuclease DinG (FGIMEHEP_00081)
DNA-invertase hin (FGIMEHEP_00078)
Tn3 family transposase TnAs3 (FGIMEHEP_00077)
PfiAT__PfiT (FGIMEHEP_00082)
IMGPR_plasmid_2724679275_000001 58505:79307(+)
3'-5' exonuclease DinG (GPKBAFKA_00035)
PfiAT__PfiT (GPKBAFKA_00036)
IMGPR_plasmid_2565956729_000001 17459:32554(+)
PfiAT__PfiT (FIPFOOPM_00021)
FIPFOOPM_00019
FIPFOOPM_00020
IMGPR_plasmid_2737471836_000003 12224:25453(-)
PfiAT__PfiT (GOLBKNKI_00086)
GOLBKNKI_00088
GOLBKNKI_00087
IMGPR_plasmid_2737471835_000003 70951:84180(+)
LKANCMMK_00074
LKANCMMK_00073
LKANCMMK_00075
IMGPR_plasmid_2861038214_000002 60013:69703(+)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (KHHALPFK_00091)
Tetracycline repressor protein class A from transposon 1721 (KHHALPFK_00090)
3'-5' exonuclease DinG (KHHALPFK_00098)
Aerotaxis receptor (KHHALPFK_00084)
PfiAT__PfiT (KHHALPFK_00099)
IMGPR_plasmid_2645727529_000001 68585:94812(+)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (LGGBNDBK_00027)
Tetracycline repressor protein class A from transposon 1721 (LGGBNDBK_00028)
Tn3 family transposase TnAs1 (LGGBNDBK_00025)
DNA-invertase hin (LGGBNDBK_00031)
3'-5' exonuclease DinG (LGGBNDBK_00022)
Tn3 family transposase TnAs1 (LGGBNDBK_00030)
PfiAT__PfiT (LGGBNDBK_00021)
Aerotaxis receptor (LGGBNDBK_00032)
IMGPR_plasmid_2636415833_000001 12275:38502(-)
PfiAT__PfiT (NDPCLKNL_00079)
NDPCLKNL_00078
NDPCLKNL_00080
NDPCLKNL_00072
NDPCLKNL_00086
NDPCLKNL_00081
NDPCLKNL_00073
IMGPR_plasmid_2563366802_000002 66591:81997(-)
PfiAT__PfiT (ILOMBDMB_00026)
ILOMBDMB_00027
ILOMBDMB_00025
ILOMBDMB_00018
ILOMBDMB_00024
ILOMBDMB_00032
IMGPR_plasmid_2671180574_000002 11535:26901(+)
TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (LECGOMFB_00024)
mercury resistance co-regulator MerD (NF033783.1) (LECGOMFB_00027)
mercuric transport protein MerT (NF033560.1) (LECGOMFB_00023)
TIGRFAMs: mercury(II) reductase (TIGR02053.1) (LECGOMFB_00026)
ISL3 family transposase ISStma11 (LECGOMFB_00022)
3'-5' exonuclease DinG (LECGOMFB_00021)
PfiAT__PfiT (LECGOMFB_00020)
IMGPR_plasmid_2645727544_000001 12220:32938(-)
sulfonamide-resistant dihydropteroate synthase Sul2 (NF000295.1) (HMILELAO_00087)
TEM family class A beta-lactamase (NF000531.2) (HMILELAO_00092)
IS91 family transposase ISSbo1 (HMILELAO_00089)
Phosphoglucosamine mutase (HMILELAO_00086)
Transposon Tn3 resolvase (HMILELAO_00091)
3'-5' exonuclease DinG (HMILELAO_00082)
DNA-invertase hin (HMILELAO_00094)
PfiAT__PfiT (HMILELAO_00083)
Tn3 family transposase TnAs1 (HMILELAO_00095)
Tn3 family transposase Tn2 (HMILELAO_00090)
IS91 family transposase ISSbo1 (HMILELAO_00096)
Aerotaxis receptor (HMILELAO_00093)
IMGPR_plasmid_2711768195_000001 65295:96222(+)
sulfonamide-resistant dihydropteroate synthase Sul2 (NF000295.1) (BBFCFCKO_00028)
Phosphoglucosamine mutase (BBFCFCKO_00027)
3'-5' exonuclease DinG (BBFCFCKO_00023)
PfiAT__PfiT (BBFCFCKO_00024)
IS91 family transposase ISSbo1 (BBFCFCKO_00030)
IMGPR_plasmid_2579779134_000002 9857:30184(+)
3'-5' exonuclease DinG (BNKFLGLJ_00092)
Colicin Ib (VF1184) (BNKFLGLJ_00099)
Colicin-Ia (BNKFLGLJ_00101)
PfiAT__PfiT (BNKFLGLJ_00091)
Colicin-Ia (BNKFLGLJ_00100)
IMGPR_plasmid_2909267149_000002 74093:89191(-)
3'-5' exonuclease DinG (EAJIPIPA_00026)
PfiAT__PfiT (EAJIPIPA_00027)
IMGPR_plasmid_2939086508_000001 15873:25666(+)
PDDPJLAH_00071
PDDPJLAH_00073
IMGPR_plasmid_2703718808_000001 63694:74400(+)
HCJNNPHO_00021
IMGPR_plasmid_2541047829_000002 12655:22649(+)
IBOALAOF_00048
IBOALAOF_00046
IMGPR_plasmid_2778261215_000001 40101:49667(-)
LFMFPHDM_00079
IMGPR_plasmid_2645727835_000001 67061:76629(+)
Tyrosine recombinase XerC (PHBDNKKA_00009)
PHBDNKKA_00011
PHBDNKKA_00010
PHBDNKKA_00008
PHBDNKKA_00015
IMGPR_plasmid_2721755473_000001 5850:18688(+)
DNA-invertase hin (PFLABADO_00024)
Aerotaxis receptor (PFLABADO_00025)
Tn3 family transposase TnAs1 (PFLABADO_00023)
PFLABADO_00026
IMGPR_plasmid_2778261422_000001 14196:29988(+)
IS91 family transposase ISEc37 (IJDDDPFH_00021)
IS91 family transposase IS91 (IJDDDPFH_00022)
Adhesive fimbriae (VF0213) (IJDDDPFH_00024)
Tcf (VF0964) (IJDDDPFH_00026)
mRNA interferase toxin RelE (IJDDDPFH_00020)
Tcf (VF0964) (IJDDDPFH_00025)
IMGPR_plasmid_2537561643_000001 11623:31217(-)
IS4 family transposase ISVsa5 (PDOKGJMN_00077)
csa3_I_II_III_IV_V_VI_2 (PDOKGJMN_00073)
PDOKGJMN_00076
PDOKGJMN_00072
PDOKGJMN_00078
PDOKGJMN_00074
IMGPR_plasmid_2667527770_000001 65000:77185(-)
Tyrosine recombinase XerC (LHCOJBJJ_00055)
LHCOJBJJ_00062
LHCOJBJJ_00057
LHCOJBJJ_00063
IMGPR_plasmid_2721755570_000001 47973:61101(+)
Protein UmuD (KJEFBLGF_00073)
Protein UmuC (KJEFBLGF_00072)
KJEFBLGF_00070
KJEFBLGF_00066
IS91 family transposase IS91 (KJEFBLGF_00065)
IMGPR_plasmid_2711768068_000002 57066:70996(-)
APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (CECAONBC_00021)
aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (CECAONBC_00020)
aminoglycoside O-phosphotransferase APH(4)-Ia (NF000107.2) (CECAONBC_00015)
aminoglycoside 3-N-acetyltransferase (NF033082.0) (CECAONBC_00017)
IS6 family transposase ISRle7 (CECAONBC_00014)
IS91 family transposase ISSbo1 (CECAONBC_00010)
Tn3 family transposase (CECAONBC_00013)
IS6 family transposase IS26 (CECAONBC_00018)
IMGPR_plasmid_2778261457_000001 574:24470(-)
APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (KODNDIBG_00076)
aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (KODNDIBG_00077)
TEM family class A beta-lactamase (NF000531.2) (KODNDIBG_00082)
IS3 family transposase IS1133 (KODNDIBG_00079)
Transposon Tn3 resolvase (KODNDIBG_00083)
IS3 family transposase IS1133 (KODNDIBG_00078)
Tn3 family transposase (KODNDIBG_00086)
Tn3 family transposase Tn2 (KODNDIBG_00084)
DNA-invertase hin (KODNDIBG_00080)
Tn3 family transposase (KODNDIBG_00081)
IMGPR_plasmid_2630968819_000001 58843:83581(+)
Tet(A)/Tet(B)/Tet(C) family tetracycline efflux MFS transporter (NF012174.0) (FLFECLLK_00050)
APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (FLFECLLK_00059)
aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (FLFECLLK_00058)
Tetracycline repressor protein class B from transposon Tn10 (FLFECLLK_00051)
Transposon Tn10 TetD protein (FLFECLLK_00048)
Transposon Tn10 TetC protein (FLFECLLK_00049)
IS4 family transposase ISVsa5 (FLFECLLK_00047)
IS4 family transposase ISVsa5 (FLFECLLK_00057)
Sodium/glutamate symporter (FLFECLLK_00055)
putative protein YqjZ (FLFECLLK_00054)
IMGPR_plasmid_2896607866_000001 38828:62553(-)
FLMJIGIF_00022
FLMJIGIF_00020
FLMJIGIF_00019
FLMJIGIF_00021
IMGPR_plasmid_2531839265_000002 11926:22943(-)
CMMKAGDH_00023
CMMKAGDH_00024
IMGPR_plasmid_2778261536_000002 14211:24469(+)
IGNBMHIO_00065
IGNBMHIO_00063
IGNBMHIO_00062
IGNBMHIO_00064
IGNBMHIO_00056
IMGPR_plasmid_3300053491_005249 53609:65747(-)
EFBADOFA_00024
EFBADOFA_00026
EFBADOFA_00027
EFBADOFA_00025
IMGPR_plasmid_2718217913_000002 14780:25083(+)
BCCEAKCO_00093
BCCEAKCO_00091
BCCEAKCO_00090
BCCEAKCO_00092
IMGPR_plasmid_2690316286_000001 74403:84707(-)
IMGPR_plasmid_2563366895_000001 12479:21466(-)
MKEKDFOJ_00004
MKEKDFOJ_00006
MKEKDFOJ_00007
MKEKDFOJ_00005
IMGPR_plasmid_2734482535_000001 1618:9888(+)
MEEJDPPJ_00024
MEEJDPPJ_00026
MEEJDPPJ_00027
MEEJDPPJ_00025
IMGPR_plasmid_2734482539_000001 9807:22916(+)
BLJALHPP_00068
BLJALHPP_00066
BLJALHPP_00065
BLJALHPP_00067
IMGPR_plasmid_2645727821_000004 56865:69978(-)
EBIICAGA_00066
EBIICAGA_00064
EBIICAGA_00063
EBIICAGA_00065
IMGPR_plasmid_2667527968_000001 55697:68837(-)
KFHLPEFF_00072
KFHLPEFF_00074
KFHLPEFF_00075
KFHLPEFF_00067
KFHLPEFF_00073
IMGPR_plasmid_2558860435_000001 57140:70247(+)
BJJBKHIP_00071
BJJBKHIP_00073
BJJBKHIP_00074
BJJBKHIP_00072
IMGPR_plasmid_2671180821_000001 56021:69925(+)
ILOAHHMP_00071
ILOAHHMP_00073
ILOAHHMP_00074
ILOAHHMP_00072
IMGPR_plasmid_2671180892_000001 57734:71030(+)
PIOCOKAB_00038
PIOCOKAB_00040
PIOCOKAB_00041
PIOCOKAB_00039
IMGPR_plasmid_2671180384_000002 21045:34946(+)
IMGPR_plasmid_3300053491_008587 54617:68906(-)
IMGPR_plasmid_2563366920_000001 11563:25138(-)
IMGPR_plasmid_2871664767_000002 83556:98898(+)
IMGPR_plasmid_2698536480_000003 37916:53126(+)
DNA-invertase hin (FNDJKGDO_00002)
Tn3 family transposase TnAs1 (FNDJKGDO_00003)
FNDJKGDO_00001
IS91 family transposase ISSbo1 (FNDJKGDO_00004)
IMGPR_plasmid_2663763023_000001 211:11563(+)
Outer membrane protein IcsA autotransporter (DCHFKLLJ_00090)
mRNA interferase toxin RelE (DCHFKLLJ_00088)
DCHFKLLJ_00087
DCHFKLLJ_00089
IMGPR_plasmid_2630968808_000001 72317:80115(-)
TEM family class A beta-lactamase (NF000531.2) (EKKBEDNK_00100)
IS4 family transposase ISVsa5 (EKKBEDNK_00101)
IS1380 family transposase ISEcp1 (EKKBEDNK_00102)
Transposon Tn3 resolvase (EKKBEDNK_00099)
IMGPR_plasmid_2718218453_000001 80247:90964(-)
BKC/GPC family carbapenem-hydrolyzing class A beta-lactamase (NF033626.2) (JAIKICGM_00087)
TEM family class A beta-lactamase (NF000531.2) (JAIKICGM_00092)
Tn3 family transposase Tn2 (JAIKICGM_00090)
IS1380 family transposase ISEcp1 (JAIKICGM_00089)
Transposon Tn3 resolvase (JAIKICGM_00091)
Tn3 family transposase Tn2 (JAIKICGM_00085)
IMGPR_plasmid_2534682166_000001 70051:86861(-)
BKC/GPC family carbapenem-hydrolyzing class A beta-lactamase (NF033626.2) (BECFHCKI_00001)
IS1380 family transposase ISEcp1 (BECFHCKI_00004)
IS1380 family transposase ISEcp1 (BECFHCKI_00003)
Colicin-Ia (BECFHCKI_00005)
Colicin-Ia (BECFHCKI_00006)
IMGPR_plasmid_2681813455_000002 70:12751(+)
10000 nt
Defence
Virulence
AMR