Ribosomal small subunit pseudouridine synthase A (MJIDKMBB_00001)
putative protein (MJIDKMBB_00006)
MJIDKMBB_00005
MJIDKMBB_00007
MJIDKMBB_00004
MJIDKMBB_00008
MJIDKMBB_00003
MJIDKMBB_00009
IMGPR_plasmid_3300011379_000002 109:7521(+)
CPDFALGK_00002
IMGPR_plasmid_3300011212_000005 330:7220(+)
NHJJGFPG_00077
NHJJGFPG_00078
IMGPR_plasmid_2630968562_000005 65431:71898(-)
OKFANGNA_00001
IMGPR_plasmid_2516143111_000004 7:4055(+)
IANBAKCB_00125
IMGPR_plasmid_3300039918_000076 114897:119768(-)
p-hydroxybenzoic acid efflux pump subunit AaeA (PJMDCPCC_00004)
FbpABC (VF0272) (PJMDCPCC_00005)
1 2
5
multidrug efflux RND transporter AdeABC outer membrane channel subunit AdeC (NF033142.1) (PJMDCPCC_00007)
IMGPR_plasmid_3300011930_000002 219:10947(+)
JLCOBJOI_00079
JLCOBJOI_00076
JLCOBJOI_00078
IMGPR_plasmid_3300002735_000008 65165:70708(-)
Lamassu-Fam__LmuA_effector_PDDEXK (EIBJLJJC_00066)
IS1182 family transposase ISPpu16 (EIBJLJJC_00058)
5-oxoprolinase subunit A (EIBJLJJC_00063)
Putative hydro-lyase (EIBJLJJC_00062)
OprE (VF0932) (EIBJLJJC_00059)
65 64 61 60 57
IMGPR_plasmid_2744054662_000003 45663:65965(-)
IS1595 family transposase IS1595 (EDEAJDNP_00005)
IS3 family transposase ISXcd1 (EDEAJDNP_00003)
Effector protein hopD2 (EDEAJDNP_00007)
T3SS (VF1301) (EDEAJDNP_00009)
1 2 4 6 8 10
IMGPR_plasmid_2744054642_000001 10:18123(+)
T3SS (VF1301) (LNIKCMKO_00002)
LNIKCMKO_00003
LNIKCMKO_00001
IMGPR_plasmid_2657245151_000001 162:7530(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CLKJDKEM_00009)
HTH-type transcriptional regulator SutR (CLKJDKEM_00008)
HTH-type transcriptional regulator DmlR (CLKJDKEM_00004)
Free methionine-R-sulfoxide reductase (CLKJDKEM_00005)
Methionine aminopeptidase (CLKJDKEM_00006)
Protein ElaA (CLKJDKEM_00002)
1 3 7 10
IMGPR_plasmid_3300008624_000003 140:12099(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (MMFFJHIK_00061)
HTH-type transcriptional regulator SutR (MMFFJHIK_00062)
HTH-type transcriptional regulator DmlR (MMFFJHIK_00066)
Free methionine-R-sulfoxide reductase (MMFFJHIK_00065)
Methionine aminopeptidase (MMFFJHIK_00064)
66 62 59
IMGPR_plasmid_3300008952_000005 44628:55821(-)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (BPMCPCBL_00062)
Leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein (BPMCPCBL_00081)
tetracycline efflux ABC transporter Tet(46) subunit A (NF000474.1) (BPMCPCBL_00075)
N-acetyl-alpha-D-glucosaminyl L-malate synthase (BPMCPCBL_00076)
HTH-type transcriptional regulator SutR (BPMCPCBL_00063)
HTH-type transcriptional regulator DmlR (BPMCPCBL_00067)
HTH-type transcriptional regulator LutR (BPMCPCBL_00080)
Free methionine-R-sulfoxide reductase (BPMCPCBL_00066)
Trehalose-6-phosphate phosphatase (BPMCPCBL_00073)
Trehalose-6-phosphate synthase (BPMCPCBL_00074)
Methionine aminopeptidase (BPMCPCBL_00065)
Protein ElaA (BPMCPCBL_00069)
Glucarate dehydratase (BPMCPCBL_00079)
70
77 76 71 69 67 63 60
IMGPR_plasmid_3300009103_000027 45057:70198(-)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (JCDAJFKF_00008)
DISARM__drmC (JCDAJFKF_00003)
MADS__mad1 (JCDAJFKF_00009)
DISARM__drmB (JCDAJFKF_00004)
DISARM_1__drmD (JCDAJFKF_00007)
DISARM_1__drmMI (JCDAJFKF_00006)
2
1
DISARM__drmA (JCDAJFKF_00005)
10
IMGPR_plasmid_2660237957_000003 148:21768(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (OAHPJLFD_00058)
DISARM__drmC (OAHPJLFD_00063)
MADS__mad1 (OAHPJLFD_00057)
DISARM__drmB (OAHPJLFD_00062)
DISARM_1__drmD (OAHPJLFD_00059)
DISARM_1__drmMI (OAHPJLFD_00060)
64
DISARM__drmA (OAHPJLFD_00061)
56
IMGPR_plasmid_2660238693_000002 47809:69429(-)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (MBHNLBNH_00004)
MADS__mad1 (MBHNLBNH_00005)
DISARM_1__drmD (MBHNLBNH_00003)
DISARM_1__drmMI (MBHNLBNH_00002)
1
6
IMGPR_plasmid_2671181102_000002 654:16478(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (FLBCFODG_00078)
MADS__mad1 (FLBCFODG_00077)
DISARM_1__drmD (FLBCFODG_00079)
80
76 75
IMGPR_plasmid_2648501274_000001 69687:80035(-)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (JNOEMLLA_00005)
1
2 3 4
6
IMGPR_plasmid_2660238482_000002 623:9099(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (GMCPFDIG_00029)
Methyl-accepting chemotaxis protein CtpH (GMCPFDIG_00010)
HTH-type transcriptional regulator LrpC (GMCPFDIG_00028)
Adaptive-response sensory-kinase SasA (GMCPFDIG_00022)
Trans-aconitate 2-methyltransferase (GMCPFDIG_00013)
NADPH:quinone oxidoreductase MdaB (GMCPFDIG_00031)
Bicarbonate transporter BicA (GMCPFDIG_00012)
Tryptophan 2,3-dioxygenase (GMCPFDIG_00030)
putative oxidoreductase (GMCPFDIG_00001)
Alkane 1-monooxygenase 1 (GMCPFDIG_00025)
Mycobactin (VF0299) (GMCPFDIG_00002)
PA-I galactophilic lectin (GMCPFDIG_00020)
Mycobactin (VF0299) (GMCPFDIG_00004)
Regulator of RpoS (GMCPFDIG_00023)
RNA chaperone ProQ (GMCPFDIG_00034)
MgtC (VF0289) (GMCPFDIG_00005)
Sensor histidine kinase RcsC (GMCPFDIG_00035)
19
3 6 7 8 9 11 14 15 16 17 18 23 25 26 31 34 35
IMGPR_plasmid_2744054676_000002 189:43895(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (BGONALBJ_00029)
HTH-type transcriptional regulator LrpC (BGONALBJ_00028)
Methyl-accepting chemotaxis protein CtpH (BGONALBJ_00010)
NADPH:quinone oxidoreductase MdaB (BGONALBJ_00031)
Adaptive-response sensory-kinase SasA (BGONALBJ_00022)
Trans-aconitate 2-methyltransferase (BGONALBJ_00013)
Tryptophan 2,3-dioxygenase (BGONALBJ_00030)
putative oxidoreductase (BGONALBJ_00001)
Alkane 1-monooxygenase 1 (BGONALBJ_00025)
Mycobactin (VF0299) (BGONALBJ_00002)
PA-I galactophilic lectin (BGONALBJ_00020)
Mycobactin (VF0299) (BGONALBJ_00004)
Regulator of RpoS (BGONALBJ_00023)
RNA chaperone ProQ (BGONALBJ_00034)
MgtC (VF0289) (BGONALBJ_00005)
Sensor histidine kinase RcsC (BGONALBJ_00035)
19
3 6 7 8 9 11 12 14 15 16 17 18 23 25 26 31
IMGPR_plasmid_2609459869_000002 232:41626(+)
10000 nt
Defence
Virulence
AMR