Multifunctional conjugation protein TraI (NHIGGCBC_00039)
Lipoprotein YlpA (NHIGGCBC_00036)
Quorum-quenching protein AidA (NHIGGCBC_00042)
Coupling protein TraD (NHIGGCBC_00038)
Fertility inhibition protein (NHIGGCBC_00043)
NHIGGCBC_00033
NHIGGCBC_00035
Multifunctional conjugation protein TraI (NHIGGCBC_00040)
NHIGGCBC_00034
NHIGGCBC_00037
NHIGGCBC_00041
Endonuclease YhcR (NHIGGCBC_00044)
IMGPR_plasmid_2541047767_000001 21421:38856(+)
Multifunctional conjugation protein TraI (EODEJMCN_00024)
IMGPR_plasmid_2541047775_000001 11954:29380(-)
GEHHFEKH_00022
Multifunctional conjugation protein TraI (GEHHFEKH_00017)
Hemolysin expression-modulating protein Hha (GEHHFEKH_00012)
IMGPR_plasmid_2554235182_000002 9510:27065(-)
APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (AJMECGFD_00064)
aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (AJMECGFD_00065)
AJMECGFD_00063
IMGPR_plasmid_2579778778_000001 42624:56753(+)
APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (CCGDAHOG_00002)
aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (CCGDAHOG_00001)
CCGDAHOG_00003
IMGPR_plasmid_2579778654_000002 149:14260(-)
IS1 family transposase IS1X2 (IGGFHCBA_00014)
Multifunctional conjugation protein TraI (IGGFHCBA_00012)
IS1 family transposase IS1D (IGGFHCBA_00013)
IMGPR_plasmid_2541047772_000001 4849:19093(-)
HLNLKNGF_00008
HLNLKNGF_00009
HLNLKNGF_00003
IMGPR_plasmid_2651869781_000001 2345:16388(-)
Quorum-quenching protein AidA (NAJNAFCF_00038)
NAJNAFCF_00043
IMGPR_plasmid_2698536484_000001 25801:39718(+)
Hemolysin expression-modulating protein Hha (MFEFJPJJ_00056)
Endonuclease YhcR (MFEFJPJJ_00055)
MFEFJPJJ_00057
MFEFJPJJ_00054
MFEFJPJJ_00058
IMGPR_plasmid_2541047716_000001 37860:51013(+)
Hemolysin expression-modulating protein Hha (KNECMFGM_00003)
Endonuclease YhcR (KNECMFGM_00004)
5
2
Tn3 family transposase (KNECMFGM_00001)
IMGPR_plasmid_2558860427_000003 77:14655(-)
quaternary ammonium compound efflux SMR transporter QacE (NF000276.2) (JGAKOIKH_00049)
trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (JGAKOIKH_00047)
ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (JGAKOIKH_00048)
sulfonamide-resistant dihydropteroate synthase Sul2 (NF000295.1) (JGAKOIKH_00050)
TEM family class A beta-lactamase (NF000531.2) (JGAKOIKH_00055)
Multifunctional conjugation protein TraI (JGAKOIKH_00057)
putative chromate transport protein (JGAKOIKH_00052)
IS6 family transposase IS26 (JGAKOIKH_00044)
IS6 family transposase IS26 (JGAKOIKH_00053)
Tyrosine recombinase XerC (JGAKOIKH_00046)
Transposon Tn3 resolvase (JGAKOIKH_00054)
45
51
IS6 family transposase IS26 (JGAKOIKH_00056)
IMGPR_plasmid_2541047724_000001 29664:53867(+)
CCINMALM_00007
CCINMALM_00012
IMGPR_plasmid_2698536509_000001 5397:15531(+)
CCGHAMMP_00035
IMGPR_plasmid_2671180429_000001 21540:31674(-)
Coupling protein TraD (PLABHNEB_00001)
IMGPR_plasmid_2681813224_000002 30:9277(+)
Multifunctional conjugation protein TraI (DGBAPFCP_00025)
Multifunctional conjugation protein TraI (DGBAPFCP_00026)
IMGPR_plasmid_2700989487_000007 14771:25574(-)
Endonuclease YhcR (BIGNBNOO_00005)
tRNA(fMet)-specific endonuclease VapC (BIGNBNOO_00010)
BIGNBNOO_00003
Antitoxin VapB (BIGNBNOO_00009)
BIGNBNOO_00004
IMGPR_plasmid_2778261083_000001 846:14922(-)
Methyl-accepting chemotaxis protein McpQ (HGFOFKPG_00057)
Endonuclease YhcR (HGFOFKPG_00055)
HGFOFKPG_00056
IMGPR_plasmid_2700989535_000001 36878:50061(+)
LIOOAHLN_00005
LIOOAHLN_00004
LIOOAHLN_00003
IMGPR_plasmid_2576861193_000002 921:15739(-)
IS3 family transposase ISCfr6 (HLMFKFPD_00015)
HLMFKFPD_00016
Quorum-quenching protein AidA (HLMFKFPD_00013)
Protein TraS (HLMFKFPD_00020)
HLMFKFPD_00014
IMGPR_plasmid_2563366933_000001 5138:25453(-)
Thermonuclease nuc (VF0993) (FPLFLKND_00003)
FPLFLKND_00005
FPLFLKND_00006
FPLFLKND_00002
IMGPR_plasmid_2778261249_000001 897:17886(-)
dTDP-3-amino-3,6-dideoxy-alpha-D-galactopyranose 3-N-acetyltransferase (OONOIAAL_00007)
Sugar transporter SemiSWEET (OONOIAAL_00005)
3'-5' exonuclease DinG (OONOIAAL_00013)
Colicin V secretion protein CvaA (OONOIAAL_00001)
Colicin Ib (VF1184) (OONOIAAL_00012)
PfiAT_PfiT (OONOIAAL_00014)
10
Colicin-V (OONOIAAL_00003)
15
11
9
8
6
4
RtxA (VF0482) (OONOIAAL_00002)
IMGPR_plasmid_2563366909_000001 592:24230(-)
dTDP-3-amino-3,6-dideoxy-alpha-D-galactopyranose 3-N-acetyltransferase (LBNKMPHI_00065)
Sugar transporter SemiSWEET (LBNKMPHI_00067)
3'-5' exonuclease DinG (LBNKMPHI_00059)
Colicin V secretion protein CvaA (LBNKMPHI_00071)
Colicin Ib (VF1184) (LBNKMPHI_00060)
Colicin-V (LBNKMPHI_00069)
PfiAT_PfiT (LBNKMPHI_00058)
62
RtxA (VF0482) (LBNKMPHI_00070)
57
61
63
64
66
68
IMGPR_plasmid_2541047915_000001 38925:62542(+)
LENNKLNB_00058
LENNKLNB_00057
Phospho-2-dehydro-3-deoxyheptonate aldolase, Trp-sensitive (LENNKLNB_00060)
LENNKLNB_00059
IMGPR_plasmid_2541047852_000001 38882:53536(+)
9000 nt
Defence
Virulence
AMR