Thiol:disulfide interchange protein DsbG (CEKBPNFB_00105)
Thiol:disulfide interchange protein DsbD (CEKBPNFB_00104)
Imp (VF1258) (CEKBPNFB_00109)
IMGPR_plasmid_2602041673_000001 109831:117851(+)
EMHCNAGC_00098
EMHCNAGC_00106
EMHCNAGC_00107
EMHCNAGC_00102
Imp (VF1258) (EMHCNAGC_00108)
EMHCNAGC_00105
IMGPR_plasmid_2856049905_000001 109604:117804(+)
KNPHEGCD_00003
KNPHEGCD_00002
KNPHEGCD_00004
KNPHEGCD_00009
KNPHEGCD_00001
IMGPR_plasmid_2856032094_000001 5:7017(-)
Imp (VF1258) (DIMHCAPB_00106)
DIMHCAPB_00104
DIMHCAPB_00105
IMGPR_plasmid_2869123021_000001 109413:117300(+)
Imp (VF1258) (HBAFEHKA_00001)
HBAFEHKA_00003
HBAFEHKA_00002
IMGPR_plasmid_2924376464_000001 76:8005(-)
Fe(3+) dicitrate transport ATP-binding protein FecE (AEOCBHBL_00075)
Mitomycin biosynthesis 6-O-methyltransferase (AEOCBHBL_00071)
ABC-type heme transporter (VF0739) (AEOCBHBL_00076)
Vitamin B12-binding protein (AEOCBHBL_00077)
AEOCBHBL_00072
Histidinol-phosphate aminotransferase (AEOCBHBL_00066)
IMGPR_plasmid_2869154154_000001 62532:73308(-)
Mitomycin biosynthesis 6-O-methyltransferase (FLNBDOLE_00047)
IMGPR_plasmid_2903006337_000001 71495:82269(+)
LPONHBJD_00100
IMGPR_plasmid_2874097953_000001 106726:114885(+)
Mitomycin biosynthesis 6-O-methyltransferase (MFAKOIIO_00018)
Thoeris_II__ThsA_new_petit (MFAKOIIO_00016)
MFAKOIIO_00017
MFAKOIIO_00015
IMGPR_plasmid_2871383984_000001 17906:29391(-)
DOBJBLII_00027
DOBJBLII_00029
IMGPR_plasmid_2843909154_000001 28807:35958(+)
T6SS-III (VF0784) (PDAPNMFL_00109)
IMGPR_plasmid_2731957817_000002 110144:121896(+)
T6SS-III (VF0784) (LCLCCGLN_00003)
IMGPR_plasmid_2878688874_000001 287:10668(-)
IMGPR_plasmid_2654587527_000004 75:10975(-)
Thiol:disulfide interchange protein DsbD (JKEBLAHA_00006)
Thiol:disulfide interchange protein DsbD (JKEBLAHA_00007)
T6SS-III (VF0784) (JKEBLAHA_00002)
JKEBLAHA_00003
JKEBLAHA_00004
JKEBLAHA_00001
IMGPR_plasmid_2878693183_000002 454:12239(-)
Mitomycin biosynthesis 6-O-methyltransferase (LAOCINGO_00016)
T6SS-III (VF0784) (LAOCINGO_00009)
T6SS-III (VF0784) (LAOCINGO_00003)
Putida K1-T6SS (VF1351) (LAOCINGO_00001)
IMGPR_plasmid_2937418609_000001 155:23487(-)
T6SS-III (VF0784) (EFFLMLOC_00109)
T6SS-III (VF0784) (EFFLMLOC_00115)
Putida K1-T6SS (VF1351) (EFFLMLOC_00116)
IMGPR_plasmid_2878710567_000001 109877:131921(+)
T6SS-III (VF0784) (NPIJDLCA_00008)
T6SS-III (VF0784) (NPIJDLCA_00002)
Putida K1-T6SS (VF1351) (NPIJDLCA_00001)
IMGPR_plasmid_2905793522_000001 139:22721(-)
T6SS-III (VF0784) (NLINCIJD_00008)
T6SS-II (VF0783) (NLINCIJD_00002)
Putida K1-T6SS (VF1351) (NLINCIJD_00001)
IMGPR_plasmid_2878715100_000001 321:22921(-)
T6SS-III (VF0784) (EHJJKGBD_00008)
T6SS-III (VF0784) (EHJJKGBD_00003)
Putida K1-T6SS (VF1351) (EHJJKGBD_00001)
IMGPR_plasmid_2874089092_000001 271:22022(-)
T6SS-III (VF0784) (JCGOAFBP_00104)
Putida K1-T6SS (VF1351) (JCGOAFBP_00113)
T6SS-III (VF0784) (JCGOAFBP_00111)
IMGPR_plasmid_2924389574_000001 103741:126668(+)
Putida K1-T6SS (VF1351) (JFPEBPJB_00002)
T6SS-III (VF0784) (JFPEBPJB_00004)
Major exported protein (JFPEBPJB_00001)
IMGPR_plasmid_2905855570_000001 165:23387(-)
T6SS-III (VF0784) (EECMOAGB_00005)
IMGPR_plasmid_2878706325_000001 83:12404(-)
T6SS-III (VF0784) (JGKMPDNJ_00004)
IMGPR_plasmid_2834773498_000001 446:14309(-)
T6SS-III (VF0784) (AJKNPCCA_00107)
Putida K1-T6SS (VF1351) (AJKNPCCA_00114)
T6SS-III (VF0784) (AJKNPCCA_00113)
Major exported protein (AJKNPCCA_00115)
IMGPR_plasmid_2856058894_000001 109655:131550(+)
T6SS-III (VF0784) (PEOMLFIK_00110)
IMGPR_plasmid_2731957825_000003 113601:129031(+)
T6SS-III (VF0784) (GKCGJBKD_00105)
IMGPR_plasmid_2856041056_000001 103203:117065(+)
Major exported protein (LOGJPPAA_00122)
T6SS-III (VF0784) (LOGJPPAA_00123)
T6SS-III (VF0784) (LOGJPPAA_00110)
T6SS-II (VF0783) (LOGJPPAA_00120)
T6SS-III (VF0784) (LOGJPPAA_00118)
IMGPR_plasmid_2856045503_000001 113810:140740(+)
Major exported protein (CGNBLDOL_00115)
Putida K1-T6SS (VF1351) (CGNBLDOL_00114)
T6SS-III (VF0784) (CGNBLDOL_00105)
T6SS-III (VF0784) (CGNBLDOL_00116)
T6SS-III (VF0784) (CGNBLDOL_00112)
IMGPR_plasmid_2937374759_000001 103679:131242(+)
Major exported protein (HODCIIPH_00128)
Putida K1-T6SS (VF1351) (HODCIIPH_00127)
T6SS-III (VF0784) (HODCIIPH_00117)
T6SS-III (VF0784) (HODCIIPH_00129)
T6SS-III (VF0784) (HODCIIPH_00124)
IMGPR_plasmid_2869149967_000001 133508:160973(+)
T6SS-III (VF0784) (LIAKKLDI_00010)
IMGPR_plasmid_2878702007_000001 63:18163(-)
T6SS-III (VF0784) (DDPKOHJJ_00106)
T6SS-III (VF0784) (DDPKOHJJ_00113)
IMGPR_plasmid_2924385204_000001 103372:122223(+)
T6SS-III (VF0784) (DCPIAGAL_00011)
T6SS-III (VF0784) (DCPIAGAL_00003)
Putida K1-T6SS (VF1351) (DCPIAGAL_00001)
IMGPR_plasmid_2871388310_000001 317:24501(-)
T6SS-III (VF0784) (LPPGMJNP_00011)
T6SS-II (VF0783) (LPPGMJNP_00004)
Putida K1-T6SS (VF1351) (LPPGMJNP_00001)
IMGPR_plasmid_2876354225_000001 317:24502(-)
Protein ClpV1 (JFDOONHD_00126)
T6SS-III (VF0784) (JFDOONHD_00117)
T6SS-III (VF0784) (JFDOONHD_00124)
IMGPR_plasmid_2878697666_000004 128600:152182(+)
Protein ClpV1 (FBALFMKM_00003)
T6SS-III (VF0784) (FBALFMKM_00012)
T6SS-III (VF0784) (FBALFMKM_00005)
IMGPR_plasmid_2937379123_000004 58:23640(-)
T6SS-III (VF0784) (EMDABGKG_00102)
T6SS-III (VF0784) (EMDABGKG_00107)
Putida K1-T6SS (VF1351) (EMDABGKG_00110)
IMGPR_plasmid_2744054569_000001 103717:126267(+)
T6SS-III (VF0784) (IOBAENNH_00008)
T6SS-III (VF0784) (IOBAENNH_00003)
Putida K1-T6SS (VF1351) (IOBAENNH_00001)
IMGPR_plasmid_2924367319_000001 237:22991(-)
Major exported protein (MCCGDBBL_00005)
Putida K1-T6SS (VF1351) (MCCGDBBL_00006)
T6SS-III (VF0784) (MCCGDBBL_00004)
T6SS-III (VF0784) (MCCGDBBL_00015)
T6SS-III (VF0784) (MCCGDBBL_00007)
IMGPR_plasmid_2874057671_000001 234:28990(-)
Thiol:disulfide interchange protein DsbD (EDPHCMEH_00110)
SCI-I T6SS (VF1120) (EDPHCMEH_00120)
T6SS-III (VF0784) (EDPHCMEH_00122)
T6SS-III (VF0784) (EDPHCMEH_00117)
Protein ClpV1 (EDPHCMEH_00119)
IMGPR_plasmid_2926620530_000001 110154:130493(+)
Thiol:disulfide interchange protein DsbG (ELFBEBAA_00108)
T6SS-III (VF0784) (ELFBEBAA_00114)
Putida K1-T6SS (VF1351) (ELFBEBAA_00116)
IMGPR_plasmid_2905811541_000001 110441:125556(+)
Putida K1-T6SS (VF1351) (BLMJOCBO_00002)
T6SS-III (VF0784) (BLMJOCBO_00004)
Major exported protein (BLMJOCBO_00001)
IMGPR_plasmid_2937414065_000001 102:15482(-)
NAD(P)H-quinone oxidoreductase subunit I, chloroplastic (OBNCHOJK_00137)
tetracenomycin C efflux MFS transporter (NF000025.1) (OBNCHOJK_00124)
Formate hydrogenlyase regulatory protein HycA (OBNCHOJK_00142)
Formate hydrogenlyase transcriptional activator FhlA (OBNCHOJK_00148)
Hydrogenase maturation factor HypC (OBNCHOJK_00145)
Hydrogenase maturation factor HypA (OBNCHOJK_00143)
NAD(P)H-quinone oxidoreductase chain 4 (OBNCHOJK_00140)
Hydrogenase maturation factor HypB (OBNCHOJK_00144)
Hydrogenase 3 maturation protease (OBNCHOJK_00134)
Glycine cleavage system transcriptional activator (OBNCHOJK_00119)
Hydrogenase maturation factor HypD (OBNCHOJK_00146)
High-affinity nickel transport protein (OBNCHOJK_00129)
NAD/NADP-dependent betaine aldehyde dehydrogenase (OBNCHOJK_00117)
Formate hydrogenlyase subunit 7 (OBNCHOJK_00136)
Oxygen-dependent choline dehydrogenase (OBNCHOJK_00118)
Formate hydrogenlyase subunit 4 (OBNCHOJK_00139)
Surface composition regulator (OBNCHOJK_00133)
HTH-type transcriptional regulator BetI (OBNCHOJK_00116)
Hydrogenase-4 component A (OBNCHOJK_00132)
High-affinity choline transport protein (OBNCHOJK_00115)
Formate hydrogenlyase subunit 5 (OBNCHOJK_00138)
Formate dehydrogenase H (OBNCHOJK_00127)
Formate dehydrogenase H (OBNCHOJK_00126)
T6SS-III (VF0784) (OBNCHOJK_00107)
Carbamoyltransferase HypF (OBNCHOJK_00130)
T6SS-II (VF0783) (OBNCHOJK_00109)
Nodulation protein D 2 (OBNCHOJK_00125)
Hydrogenase-4 component A (OBNCHOJK_00141)
T6SS-II (VF0783) (OBNCHOJK_00108)
Carbamoyl dehydratase HypE (OBNCHOJK_00147)
Formate dehydrogenase H (OBNCHOJK_00131)
IMGPR_plasmid_2859068660_000001 109810:162202(+)
20000 nt
Defence
Virulence
AMR