

(Legionella vir homologs) type IVA secretion system (VF0799) (EOLHKPEO_00053)

anti-CRISPR-Cas evasion by DNA repair (APIS131) (EOLHKPEO_00053)

Plasmid replication initiator protein TrfA (EOLHKPEO_00054)

IS6 family transposase IS6100 (EOLHKPEO_00056)



SMR_qac_pB8-NCBIFAM Qac-pB8 family quaternary ammonium compound efflux SMR transporter (NF000148.1) (BALAPGKG_00006)

DNA-invertase hin (BALAPGKG_00003)

Tn3 family transposase ISPsy42 (BALAPGKG_00002)



MerP-TIGRFAMs TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (PBMLCLNF_00053)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (PBMLCLNF_00051)

coreg_MerD-NCBIFAM mercury resistance co-regulator MerD (NF033783.1) (PBMLCLNF_00055)

PlcR-PapR quorum sensing (VF0660) (PBMLCLNF_00057)

Mercuric reductase (PBMLCLNF_00054)

DNA-invertase hin (PBMLCLNF_00058)



MerP-TIGRFAMs TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (NPCGAGNP_00007)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (NPCGAGNP_00009)

coreg_MerD-NCBIFAM mercury resistance co-regulator MerD (NF033783.1) (NPCGAGNP_00005)

PlcR-PapR quorum sensing (VF0660) (NPCGAGNP_00003)

Mercuric reductase (NPCGAGNP_00006)

DNA-invertase hin (NPCGAGNP_00002)

Mercuric transport protein MerT (NPCGAGNP_00008)

Tn3 family transposase ISPa38 (NPCGAGNP_00001)



MerP-TIGRFAMs TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (KNOOEPPG_00007)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (KNOOEPPG_00009)

coreg_MerD-NCBIFAM mercury resistance co-regulator MerD (NF033783.1) (KNOOEPPG_00005)

PlcR-PapR quorum sensing (VF0660) (KNOOEPPG_00003)

Mercuric reductase (KNOOEPPG_00006)

DNA-invertase hin (KNOOEPPG_00002)

Mercuric transport protein MerT (KNOOEPPG_00008)

Tn3 family transposase ISPa38 (KNOOEPPG_00001)



MerP-TIGRFAMs TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (HNBJCOJF_00055)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (HNBJCOJF_00053)

coreg_MerD-NCBIFAM mercury resistance co-regulator MerD (NF033783.1) (HNBJCOJF_00057)

APH_3pp_Ib-NCBIFAM aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (HNBJCOJF_00063)

APH_6-NCBIFAM APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (HNBJCOJF_00062)

PlcR-PapR quorum sensing (VF0660) (HNBJCOJF_00059)

Mercuric reductase (HNBJCOJF_00056)

DNA-invertase hin (HNBJCOJF_00060)

Mercuric transport protein MerT (HNBJCOJF_00054)

Tn3 family transposase IS1071 (HNBJCOJF_00066)

DNA-invertase hin (HNBJCOJF_00064)

Tn3 family transposase (HNBJCOJF_00065)

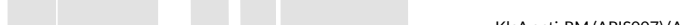


MerP-TIGRFAMs TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (EKIBENCG_00075)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (EKIBENCG_00073)

Mercuric transport protein MerT (EKIBENCG_00074)

Mercuric reductase (EKIBENCG_00076)

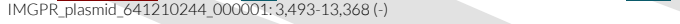


TrfB transcriptional repressor protein (AJNBBILIL_00006)

KlcA anti-RM (APIS007) (AJNBBILIL_00011)

Protein KlcB (AJNBBILIL_00010)

Transcriptional repressor protein KorB



5000 nt

virulence (VFDB) anti-defence (dbAPIS) AMR (AMRFinderPlus)