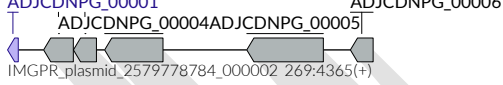


Endoribonuclease PemK (ADJCDNPG\_00002)

Antitoxin PemI (ADJCDNPG\_00003)



MGFMCFOF0\_00001



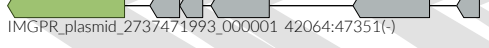
PHNOOMJO\_00001



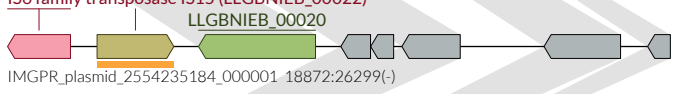
Tn3 family transposase (AJONIBEI\_00021)



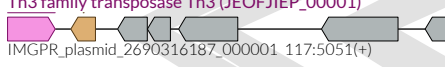
CAGMMNMK\_00051



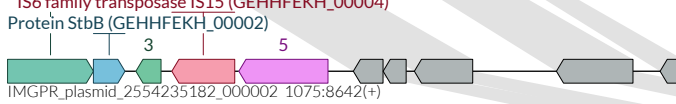
TEM family class A beta-lactamase (NF000531.2) (LLGBNIEB\_00021)



IS1 family transposase IS1D (JEOFJIEP\_00002)



Plasmid segregation protein ParM (GEHHFEKH\_00001)



APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (HFIAMGKD\_00024)

aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (HFIAMGKD\_00023)

Transposon Tn3 resolvase (HFIAMGKD\_00026)



TIGRFAMs: mercury resistance system periplasmic binding protein MerP (TIGR02052.1) (LLJGMGJ\_00013)

PRK[PRK13747.1: broad-spectrum mercury transporter MerE (NF010310.2) (LLJGMGJ\_00009)

APH(6)-I family aminoglycoside O-phosphotransferase (NF012171.0) (LLJGMGJ\_00005)

sulfonamide-resistant dihydropteroate synthase Sul2 (NF000295.1) (LLJGMGJ\_00003)

mercury resistance co-regulator MerD (NF033783.1) (LLJGMGJ\_00010)

organomercurial transporter MerC (NF033784.1) (LLJGMGJ\_00012)

mercuric transport protein MerT (NF033560.1) (LLJGMGJ\_00014)

TIGRFAMs: mercury(II) reductase (TIGR02053.1) (LLJGMGJ\_00011)

aminoglycoside O-phosphotransferase APH(3'')-Ib (NF032895.1) (LLJGMGJ\_00004)

Regulatory protein RepA (LLJGMGJ\_00001)

IS6 family transposase IS26 (LLJGMGJ\_00006)

putative signaling protein (LLJGMGJ\_00008)

IS13 family transposase ISStma11 (LLJGMGJ\_00015)

IS1 family transposase IS1D (LLJGMGJ\_00017)

IS1 family transposase IS1R (LLJGMGJ\_00016)

TEM family class A beta-lactamase (NF000531.2) (EEHLCAGA\_00002)

IS1 family transposase IS1R (EEHLCAGA\_00006)

IS6 family transposase IS26 (EEHLCAGA\_00003)

Regulatory protein RepA (EEHLCAGA\_00004)

IS1 family transposase IS1D (EEHLCAGA\_00007)

quaternary ammonium compound efflux SMR transporter QacE (NF000276.2) (BMHOHBPP\_00055)

trimethoprim-resistant dihydrofolate reductase DfrA (NF000330.1) (BMHOHBPP\_00053)

Mph(E)/Mph(G) family macrolide 2'-phosphotransferase (NF000241.1) (BMHOHBPP\_00063)

ANT(9) family aminoglycoside nucleotidyltransferase (NF012212.1) (BMHOHBPP\_00054)

sulfonamide-resistant dihydropteroate synthase Sul2 (NF000295.1) (BMHOHBPP\_00056)

tetracycline efflux MFS transporter Tet(V) (NF012178.0) (BMHOHBPP\_00062)

putative chromate transport protein (BMHOHBPP\_00058)

Transcriptional regulator (BMHOHBPP\_00059)

IS6 family transposase IS6100 (BMHOHBPP\_00060)

IS6 family transposase IS15 (BMHOHBPP\_00051)

Tyrosine recombinase XerC (BMHOHBPP\_00052)



6000 nt

AMR