

lyulose-5-phosphate/fructose-6-phosphate phosphoketolase (KKMMCHJL_00055)

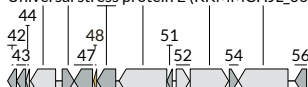
P(1)-type Mn2+ transporting ATPase (VF0848) (KKMMCHJL_00050)

ATP-dependent zinc metalloprotease FtsH 4 (KKMMCHJL_00053)

K(+)/H(+) antiporter NhaP2 (KKMMCHJL_00045)

Bifunctional protein PyrR (KKMMCHJL_00046)

Universal stress protein E (KKMMCHJL_00049)



IMGPR_plasmid_2663763448_000011: 57,847-72,159 (+)

Glutathione-independent formaldehyde dehydrogenase (KLJKPFPH_00002)

NAD-dependent protein deacylase (KLJKPFPH_00013)

retron_type_VI_hth_cluster2_1 (KLJKPFPH_00014)

Tyrosine recombinase XerC (KLJKPFPH_00017)

Shango_SngB (KLJKPFPH_00011)

Shango_SngC (KLJKPFPH_00010)



IMGPR_plasmid_3300027296_000138: 15-29,831 (+)

retron_type_VI_hth_cluster2_1 (HHCJMPFB_00005)

K(+)/H(+) antiporter NhaP2 (HHCJMPFB_00009)

GajB_00038 UrvD (HHCJMPFB_00002)

GajA_00038 AAA (HHCJMPFB_00001)

K(+)/H(+) antiporter NhaP (HHCJMPFB_00010)

IMGPR_plasmid_3300012822_000029: 564-14,443 (+)

2,5-dichloro-2,5-cyclohexadiene-1,4-diol dehydrogenase (HMMFAPHD_00011)

PCP degradation transcriptional activation protein (HMMFAPHD_00017)

PCP degradation transcriptional activation protein (HMMFAPHD_00014)

PCP degradation transcriptional activation protein (HMMFAPHD_00021)

2-hydroxymuconic semialdehyde dehydrogenase (HMMFAPHD_00004)

Putative metabolite transport protein YjhB (HMMFAPHD_00001)

1,2-dihydroxynaphthalene dioxygenase (HMMFAPHD_00002)

2-hydroxyhexa-2,4-dienoate hydratase (HMMFAPHD_00005)

2-hydroxyhexa-2,4-dienoate hydratase (HMMFAPHD_00006)

3-hydroxybenzoate transporter MhbT (HMMFAPHD_00016)

2-hydroxymuconate tautomerase (HMMFAPHD_00007)

4-hydroxy-2-oxovalerate aldolase (HMMFAPHD_00009)

RosmerTA_RmrA_2634932349 (HMMFAPHD_00027)

Acetaldehyde dehydrogenase (HMMFAPHD_00008)

Michele_2A_hits_grouped (HMMFAPHD_00024)

Soluble epoxide hydrolase (HMMFAPHD_00018)

putative hydrolase YcaC (HMMFAPHD_00020)

Salicylate hydroxylase (HMMFAPHD_00023)

Acetolactate synthase (HMMFAPHD_00026)

2,5-dichloro-2,5-cyclohexadiene-1,4-diol dehydrogenase (CPLMIDGH_00011)

PCP degradation transcriptional activation protein (CPLMIDGH_00017)

PCP degradation transcriptional activation protein (CPLMIDGH_00014)

PCP degradation transcriptional activation protein (CPLMIDGH_00021)

2-hydroxymuconic semialdehyde dehydrogenase (CPLMIDGH_00004)

Putative metabolite transport protein YjhB (CPLMIDGH_00001)

1,2-dihydroxynaphthalene dioxygenase (CPLMIDGH_00002)

2-hydroxyhexa-2,4-dienoate hydratase (CPLMIDGH_00005)

2-hydroxyhexa-2,4-dienoate hydratase (CPLMIDGH_00006)

3-hydroxybenzoate transporter MhbT (CPLMIDGH_00016)

2-hydroxymuconate tautomerase (CPLMIDGH_00007)

4-hydroxy-2-oxovalerate aldolase (CPLMIDGH_00009)

RosmerTA_RmrA_2634932349 (CPLMIDGH_00027)

Acetaldehyde dehydrogenase (CPLMIDGH_00008)

Michele_2A_hits_grouped (CPLMIDGH_00024)

Soluble epoxide hydrolase (CPLMIDGH_00018)

putative hydrolase YcaC (CPLMIDGH_00020)

Salicylate hydroxylase (CPLMIDGH_00023)

Acetolactate synthase (CPLMIDGH_00026)

2,5-dichloro-2,5-cyclohexadiene-1,4-diol dehydrogenase (ALIMAOCC_00173)

RND_perm_OqxB-NCBIFAM multidrug efflux RND transporter permease subunit OqxB (NF000037.1) (ALIMAOCC_00176)

cmx_cmrA-NCBIFAM Cmx/CmrA family chloramphenicol efflux MFS transporter (NF033135.1) (ALIMAOCC_00189)

cmIA_floR-NCBIFAM CmlA/FloR family chloramphenicol efflux MFS transporter (NF033134.0) (ALIMAOCC_00178)

Acetylornithine/succinyl-diaminopimelate aminotransferase (ALIMAOCC_00193)

3-methylmercaptopyruvate-CoA dehydrogenase (ALIMAOCC_00193)

putative HTH-type transcriptional regulator (ALIMAOCC_00198)

Hydroxycinnamoyl-CoA hydratase-lyase (ALIMAOCC_00197)

Leucine-responsive regulatory protein (ALIMAOCC_00201)

Formylglycine-generating enzyme (ALIMAOCC_00192)

Acetyl-CoA acetyltransferase (ALIMAOCC_00194)

Vanillin dehydrogenase (ALIMAOCC_00196)

Acetolactate synthase (ALIMAOCC_00204)

Thymidylate kinase (ALIMAOCC_00202)

Mycobactin (VF0299) (ALIMAOCC_00195)

Arylsulfatase (ALIMAOCC_00191)

Vitamin B12 transporter BtuB (ALIMAOCC_00187)

GTP cyclohydrolase FliE2 (ALIMAOCC_00179)

FAS-II (VF0809) (ALIMAOCC_00177)

Nicotinamide-nucleotide amidohydrolase PncC (ALIMAOCC_00166)

Putative membrane-bound redox modulator Alx (ALIMAOCC_00159)

Aldehyde oxidoreductase iron-sulfur-binding subunit PaoA (ALIMAOCC_00163)

Aldehyde oxidoreductase molybdenum-binding subunit PaoC (ALIMAOCC_00165)

Aldehyde oxidoreductase FAD-binding subunit PaoB (ALIMAOCC_00164)

Putative thiamine pyrophosphate-containing protein YdaP (ALIMAOCC_00162)

Glutamate/aspartate import solute-binding protein (ALIMAOCC_00156)

Peptidyl-tRNA hydrolase ArfB (ALIMAOCC_00158)

ArgP (VF0557) (ALIMAOCC_00155)



IMGPR_plasmid_2648501718_000004: 156,025-227,669 (-)

20000 nt

defence (DefenseFinder) defence (PADLOC) virulence (VFDB) AMR (AMRFinderPlus)