KO
echB..ech.hydrogenase.subunit.B
MuB..ATP.dependent.target.DNA.activator..EC.3.6.1.3.
vicR..two.component.system..OmpR.family..response.regulator.VicR
malT..LuxR.family.transcriptional.regulator..maltose.regulon.positive.regulatory.protein
lysE..argO..L.lysine.exporter.family.protein.LysE.ArgO
K09914..putative.lipoprotein
lonB..ATP.dependent.Lon.protease..EC.3.4.21.53.
ftsB..cell.division.protein.FtsB
cutA..periplasmic.divalent.cation.tolerance.protein
E2.8.3.5B..scoB..3.oxoacid.CoA.transferase.subunit.B..EC.2.8.3.5.
vanC..vanE..vanG..D.alanine...D.serine.ligase..EC.6.3.2.35.
narI..narV..nitrate.reductase.gamma.subunit..EC.1.7.5.1.1.7.99...
hdeB..acid.stress.chaperone.HdeB
xanQ..xanthine.permease.XanQ
fhlA..formate.hydrogenlyase.transcriptional.activator
ygeU..xdhC..xanthine.dehydrogenase.iron.sulfur.binding.subunit
cybB..cytochrome.b561
icmT..traK..intracellular.multiplication.protein.IcmT
icmO..trbC..dotL..intracellular.multiplication.protein.IcmO
icmL..traM..dotI..intracellular.multiplication.protein.IcmL
dotB..traJ..defect.in.organelle.trafficking.protein.DotB
hcp..type.VI.secretion.system.secreted.protein.Hcp
impG..vasA..type.VI.secretion.system.protein.ImpG
impH..vasB..type.VI.secretion.system.protein.ImpH
rsmF..16S.rRNA..cytosine1407.C5..methyltransferase..EC.2.1.1.178.
tusE..dsrC..tRNA.2.thiouridine.synthesizing.protein.E..EC.2.8.1...
glnP..glutamine.transport.system.permease.protein
zapB..cell.division.protein.ZapB
K09857..uncharacterized.protein
K09794..uncharacterized.protein
puuC..aldH..4..gamma.glutamylamino.butanal.dehydrogenase..EC.1.2.1.99.
yihU..4.hydroxybutyrate.dehydrogenase...sulfolactaldehyde.3.reductase..EC.1.1.1.61.1.1.1.373.
ydfJ..MFS.transporter..MHS.family..metabolite.H..symporter
asmA..AsmA.protein
K07121..uncharacterized.protein
rlmM..23S.rRNA..cytidine2498.2..O..methyltransferase..EC.2.1.1.186.
phnN..ribose.1.5.bisphosphokinase..EC.2.7.4.23.
eutK..ethanolamine.utilization.protein.EutK
eutE..aldehyde.dehydrogenase
eutD..phosphotransacetylase
mtr..tryptophan.specific.transport.protein
slyX..SlyX.protein
yscT..sctT..hrcT..ssaT..type.III.secretion.protein.T
yscS..sctS..hrcS..ssaS..type.III.secretion.protein.S
yscR..sctR..hrcR..ssaR..type.III.secretion.protein.R
yscJ..sctJ..hrcJ..ssaJ..type.III.secretion.protein.J
yscF..sctF..ssaG..prgI..type.III.secretion.protein.F
waaG..rfaG..UDP.glucose..heptosyl.LPS.alpha.1.3.glucosyltransferase..EC.2.4.1...
gspF..general.secretion.pathway.protein.F
qor..CRYZ..NADPH2.quinone.reductase..EC.1.6.5.5.
kamE..beta.lysine.5.6.aminomutase.beta.subunit..EC.5.4.3.3.
kamD..beta.lysine.5.6.aminomutase.alpha.subunit..EC.5.4.3.3.
osmC..osmotically.inducible.protein.OsmC
mtrB..transcription.attenuation.protein..tryptophan.RNA.binding.attenuator.protein.
ydfG..3.hydroxy.acid.dehydrogenase...malonic.semialdehyde.reductase..EC.1.1.1.381.1.1.1...
icmB..dotO..intracellular.multiplication.protein.IcmB
zraP..zinc.resistance.associated.protein
glcF..glycolate.oxidase.iron.sulfur.subunit
cpxA..two.component.system..OmpR.family..sensor.histidine.kinase.CpxA..EC.2.7.13.3.
K15016..enoyl.CoA.hydratase...3.hydroxyacyl.CoA.dehydrogenase..EC.4.2.1.17.1.1.1.35.
K09989..uncharacterized.protein
echD..ech.hydrogenase.subunit.D
nifA..Nif.specific.regulatory.protein
slcC...S..sulfolactate.dehydrogenase..EC.1.1.1.310.
mqsA..HTH.type.transcriptional.regulator...antitoxin.MqsA
kpsS..lipB..capsular.polysaccharide.export.protein
mqsR..motility.quorum.sensing.regulator...GCU.specific.mRNA.interferase.toxin
cbiGH.cobJ..cobalt.precorrin.5A.hydrolase...precorrin.3B.C17.methyltransferase..EC.3.7.1.12.2.1.1.131.
fdhA..formate.dehydrogenase..NADP...alpha.subunit..EC.1.17.1.10.
kdnB..3.deoxy.alpha.D.manno.octulosonate.8.oxidase..EC.1.1.3.48.
hgd..2.hydroxymethylglutarate.dehydrogenase..EC.1.1.1.291.
bacC..dihydroanticapsin.dehydrogenase..EC.1.1.1.385.
csy3..CRISPR.associated.protein.Csy3
csy2..CRISPR.associated.protein.Csy2
hydA...NiFe..hydrogenase.small.subunit..EC.1.12.2.1.
hmfG..2.5.furandicarboxylate.decarboxylase.2
suyB...2R..sulfolactate.sulfo.lyase.subunit.beta..EC.4.4.1.24.
comC...2R..3.sulfolactate.dehydrogenase..NADP...EC.1.1.1.338.
pylD..pyrrolysine.biosynthesis.protein.PylD
pylC..pyrrolysine.biosynthesis.protein.PylC
pylB..methylornithine.synthase..EC.5.4.99.58.
mtmB..methylamine...corrinoid.protein.Co.methyltransferase..EC.2.1.1.248.
echF..ech.hydrogenase.subunit.F
mttC..trimethylamine.corrinoid.protein
dsdC..LysR.family.transcriptional.regulator..D.serine.deaminase.activator
pksJ..polyketide.synthase.PksJ
ntrY..two.component.system..NtrC.family..nitrogen.regulation.sensor.histidine.kinase.NtrY..EC.2.7.13.3.
lapC..membrane.fusion.protein..adhesin.transport.system
lapB..ATP.binding.cassette..subfamily.C..bacterial.LapB
ppkA..serine.threonine.protein.kinase.PpkA..EC.2.7.11.1.
impA..type.VI.secretion.system.protein.ImpA
algB..two.component.system..NtrC.family..response.regulator.AlgB
dsrB..dissimilatory.sulfite.reductase.beta.subunit..EC.1.8.99.5.
dsrA..dissimilatory.sulfite.reductase.alpha.subunit..EC.1.8.99.5.
ABC.2.CPSE.P1..capsular.polysaccharide.transport.system.permease.protein
aotJ..arginine.ornithine.transport.system.substrate.binding.protein
K09982..uncharacterized.protein
K09795..uncharacterized.protein
ABC.2.CPSE.A..capsular.polysaccharide.transport.system.ATP.binding.protein..EC.3.6.3.38.
ABC.2.CPSE.P..capsular.polysaccharide.transport.system.permease.protein
CYC..cytochrome.c
K07396..putative.protein.disulfide.isomerase
trbL..type.IV.secretion.system.protein.TrbL
kpsC..lipA..capsular.polysaccharide.export.protein
K07168..CBS.domain.containing.membrane.protein
K07096..uncharacterized.protein
phzF..trans.2.3.dihydro.3.hydroxyanthranilate.isomerase..EC.5.3.3.17.
K06951..uncharacterized.protein
E1.1.99.3G..gluconate.2.dehydrogenase.gamma.chain..EC.1.1.99.3.
E1.1.99.3A..gluconate.2.dehydrogenase.alpha.chain..EC.1.1.99.3.
yscX..sctX..type.III.secretion.protein.X
yscW..sctW..type.III.secretion.protein.W
yscO..sctO..type.III.secretion.protein.O
tpa..taurine.pyruvate.aminotransferase..EC.2.6.1.77.
yscV..sctV..hrcV..ssaV..invA..type.III.secretion.protein.V
yscN..sctN..hrcN..ssaN..ATP.synthase.in.type.III.secretion.protein.N..EC.3.6.3.14.
yscL..sctL..type.III.secretion.protein.L
yscD..sctD..ssaD..type.III.secretion.protein.D
yscC..sctC..ssaC..type.III.secretion.protein.C
virB3..lvhB3..type.IV.secretion.system.protein.VirB3
hydB...NiFe..hydrogenase.large.subunit..EC.1.12.2.1.
idnD..L.idonate.5.dehydrogenase..EC.1.1.1.264.
K07504..predicted.type.IV.restriction.endonuclease
sauS..sulfoacetaldehyde.dehydrogenase..EC.1.2.1.81.
0.00
0.05
0.10
0.15
q−value