Multisubunit Na+/H+ antiporter, MnhB subunit L-lactate utilization protein LutB, contains a ferredoxin-type domain Nickel-dependent lactate racemase Cytochrome b involved in lipid metabolism Uncharacterized conserved protein with two CxxC motifs Chromosome segregation ATPase Smc DNA polymerase III, delta prime subunit Uncharacterized conserved protein YbaP, TraB family Trehalose utilization protein Retron-type reverse transcriptase Poly(A) polymerase Pap1 2-Methylaconitate cis-trans-isomerase PrpF (2-methyl citrate pathway) tRNA A-37 threonylcarbamoyl transferase component Bud32 Protein kinase association domain CaMKII AD, NTF2-like superfamily Rhamnose utilisation protein RhaD, predicted bifunctional aldolase and dehydrogenase ABC-type phosphate transport system, periplasmic component በሂጓ elongator complex protein 3), contains radical SAM and acetyltransferase domains 🔸 Heterodisulfide reductase, subunit C
Surface antigen
Exonuclease VII, large subunit
Uncharacterized conserved protein, DUF2237 family
Ribosomal protein L16 Arg81 hydroxylase, contains JmjC domain
Ribosomal protein S11 Predicted thiol-disulfide oxidoreductase YuxK, DCC family Phage shock protein PspC (stress-responsive transcriptional regulator) Uncharacterized membrane protein YedE/YeeE, contains two sulfur transport domains • polyprenyl-6-methoxyphenol hydroxylase and related FAD-dependent oxidoreductases 🌘 as system type III CSM-effector complex subunit Csm5, RAMP superfamily Cas7 group 🏺 Large exoprotein involved in heme utilization or adhesion • Muramoyltetrapeptide carboxypeptidase LdcA (peptidoglycan recycling) Predicted membrane transporter YfcC, affects glyoxylate shunt Trk/Ktr K+ transport system regulatory component TrkA/KtrA/KtrC, RCK domain • Lipid A disaccharide synthetase • Urease accessory protein UreH • Undecaprenyl pyrophosphate synthase Hemolysin activation/secretion protein • Uncharacterized conserved protein, PKD repeat domain Direction Uncharacterized SPBc2 prophage-derived protein YoqJ • Rieske Fe-S protein 0.06 0.04 0.02

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