$\begin{array}{c|ccccc} \underline{\mathsf{LL}}_3 & \underline{\mathsf{Diel}}_3 & \underline{\mathsf{DD}}_3 & \underline{\mathsf{LL}}_6 & \underline{\mathsf{Diel}}_6 & \underline{\mathsf{DD}}_6 \\ \underline{\mathsf{DD}}_3 & \underline{\mathsf{LL}}_3 & \underline{\mathsf{Diel}}_3 & \underline{\mathsf{DD}}_6 & \underline{\mathsf{LL}}_6 & \underline{\mathsf{Diel}}_6 \end{array}$ K02003 ABC.CD.A; putative ABC transport system ATP-binding protein SAR116_1418 ABC transporter component K09013 sufC; Fe-S cluster assembly ATP-binding protein SAR116_0015 FeS assembly ATPase SufC K03327 TC.MATE; multidrug resistance protein, MATE family SAR116_2481 MATE efflux family protein K03327 TC.MATE; multidrug resistance protein, MATE family SAR116_1482 DNA-damage-inducible protein F K08218 ampG; MFS transporter, PAT family, beta-lactamase induction signal transducer AmpG SAR116_2148 muropeptide permease K07552 bcr; MFS transporter, DHA1 family, multidrug resistance protein SAR116_2000 drug resistance transporter K08153 blt; MFS transporter, DHA1 family, multidrug resistance protein SAR116_1122 tetracycline resistance protein K02806 ptsN; nitrogen PTS system EIIA component [EC:2.7.1.-] SAR116_1248 probable nitrogen regulatory iia protein K10716 kch; voltage-gated potassium channel SAR116_0808 Kef-type K+ transport systems K03320 amt; ammonium transporter, Amt family SAR116_0035 ammonium transporter K03320 amt; ammonium transporter, Amt family SAR116_2465 ammonium transporter K03320 amt; ammonium transporter, Amt family SAR116_2434 ammonium transporter family protein K00799 GST; glutathione S-transferase [EC:2.5.1.18] SAR116_2368 Glutathione S-transferase K00799 GST; glutathione S-transferase [EC:2.5.1.18] SAR116_1238 Glutathione S-transferase K00799 GST; glutathione S-transferase [EC:2.5.1.18] SAR116_0032 glutathione S-transferase K00799 GST; glutathione S-transferase [EC:2.5.1.18] SAR116_2377 glutathione S-transferase family protein K00799 GST; glutathione S-transferase [EC:2.5.1.18] SAR116_0230 Glutathione S-transferase-like protein K00799 GST; glutathione S-transferase [EC:2.5.1.18] SAR116_2447 Glutathione S-transferase domain protein K03442 mscS; small conductance mechanosensitive channel SAR116_1146 hypothetical protein K06213 mgtE; magnesium transporter SAR116_2475 Divalent cation transporter K02556 motA; chemotaxis protein MotA SAR116_0813 MotA/ToIQ/ExbB proton channel K02557 motB; chemotaxis protein MotB SAR116_2281 flagellar motor protein K02557 motB; chemotaxis protein MotB SAR116_0814 flagellar MotB protein K02557 motB; chemotaxis protein MotB SAR116_0179 OmpA/MotB domain protein K03562 tolQ; biopolymer transport protein TolQ SAR116_2296 Biopolymer transport protein SAR116_2297 toIR protein K03560 tolR; biopolymer transport protein TolR K06199 crcB; fluoride exporter SAR116_2418 crcB protein K03699 tlyC; magnesium and cobalt exporter, CNNM family SAR116_1911 CBS domain protein K12340 tolC; outer membrane protein SAR116_0428 outer membrane efflux family protein K07277 SAM50; outer membrane protein insertion porin family SAR116_0511 surface antigen D15 K17713 bamB; outer membrane protein assembly factor BamB SAR116_2500 Pyrrolo-quinoline quinone K05807 bamD; outer membrane protein assembly factor BamD SAR116_2326 competence lipoprotein ComL K09774 lptA; lipopolysaccharide export system protein LptA SAR116_1246 hypothetical secreted protein K11719 lptC; lipopolysaccharide export system protein LptC SAR116_1245 hypothetical protein K04744 lptD; LPS-assembly protein SAR116_0696 Organic solvent tolerance protein K06189 corC; hemolysin (HlyC) family protein SAR116_1587 CBS domain protein K06518 cidA; holin-like protein SAR116_1536 hypothetical protein K07238 TC.ZIP; zinc transporter, ZIP family SAR116_1007 hypothetical protein K18989 vexF; multidrug efflux pump SAR116_2009 Cation/multidrug efflux pump K15268 eamA; O-acetylserine/cysteine efflux transporter SAR116_2017 protein of unknown function DUF6 K15270 sam; S-adenosylmethionine uptake transporter SAR116_1455 Protein of unknown function DUF6 SAR116_2175 RarD protein K05786 rarD; chloramphenicol-sensitive protein RarD K03299 TC.GNTP; gluconate:H+ symporter, GntP family SAR116_2147 Gluconate permease K05020 opuD; glycine betaine transporter SAR116_0452 BCCT transporter K14393 actP; cation/acetate symporter SAR116_0788 Na+/solute symporter (Ssf family) SAR116_1886 cation transporter K03498 trkH; trk/ktr system potassium uptake protein K03499 trkA; trk/ktr system potassium uptake protein SAR116_0219 K+ transport systems K06901 pbuG; adenine/guanine/hypoxanthine permease SAR116_1164 hypothetical protein K07240 chrA; chromate transporter SAR116_1094 Chromate transporter K03321 TC.SULP; sulfate permease, SulP family SAR116_0878 sulfate permease family protein K11688 dctP; C4-dicarboxylate-binding protein DctP SAR116_0057 TRAP dicarboxylate transporter SAR116_0482 TRAP dicarboxylate transporter-DctM subunit K11690 dctM; C4-dicarboxylate transporter, DctM subunit K21393 yiaN; TRAP-type transport system large permease protein SAR116_0249 TRAP dicarboxylate transporter–DctM subunit K21395 yiaO; TRAP-type transport system periplasmic protein SAR116_0250 TRAP dicarboxylate transporter-DctP subunit

Log₂ fold change

-6 -4 -2 0 2 4 6