

Log₂ fold changes of probes
[obgE; n = 67]

		LL ₃	LD ₃	DD ₃	LL ₆	LD ₆	DD ₆		
		DD ₃	LL ₃	LD ₃	DD ₆	LL ₆	LD ₆		
K24821 atm1; ATP-binding cassette, subfamily B, heavy metal transporter								SAR116_0020 ABC transporter ATP-binding protein/permease	
K10112 msmX; multiple sugar transport system ATP-binding protein [EC:7.5.2.-]								SAR116_0044 ABC transporter ATP-binding protein	
K02031 ddpD; peptide/nickel transport system ATP-binding protein								SAR116_0064 ABC transporter ATP-binding protein	
K02056 ABC.SS.A; simple sugar transport system ATP-binding protein [EC:7.5.2.-]								SAR116_0271 ATP-binding cassette domain-containing protein	
K23064 lhpO; hydroxyproline transport system ATP-binding protein [EC:7.4.2.1]								SAR116_0306 amino acid ABC transporter ATP-binding protein	
K09972 aapP; general L-amino acid transport system ATP-binding protein [EC:7.4.2.1]								SAR116_0332 amino acid ABC transporter ATP-binding protein	
K01995 livG; branched-chain amino acid transport system ATP-binding protein								SAR116_0349 ATP-binding cassette domain-containing protein	
K01996 livF; branched-chain amino acid transport system ATP-binding protein								SAR116_0350 ABC transporter ATP-binding protein	
K02010 afuC; iron(III) transport system ATP-binding protein [EC:7.2.2.7]								SAR116_0416 ABC transporter ATP-binding protein	
K09972 aapP; general L-amino acid transport system ATP-binding protein [EC:7.4.2.1]								SAR116_0448 amino acid ABC transporter ATP-binding protein	
K09810 lolD; lipoprotein-releasing system ATP-binding protein [EC:7.6.2.-]								SAR116_0521 ABC transporter ATP-binding protein	
K03595 era; GTPase								SAR116_0530 GTPase Era	
K06857 tupC; tungstate transport system ATP-binding protein [EC:7.3.2.6]								SAR116_0591 ATP-binding cassette domain-containing protein	
K02031 ddpD; peptide/nickel transport system ATP-binding protein								SAR116_0600 ABC transporter ATP-binding protein	
K01990 ABC-2.A; ABC-2 type transport system ATP-binding protein								SAR116_0608 ATP-binding cassette domain-containing protein	
K02065 mlaF; phospholipid/cholesterol/gamma-HCH transport system ATP-binding protein								SAR116_0648 ATP-binding cassette domain-containing protein	
K02052 ABC.SP.A; putative spermidine/putrescine transport system ATP-binding protein								SAR116_0761 spermidine/putrescine ABC transporter ATPase subunit	
K01996 livF; branched-chain amino acid transport system ATP-binding protein								SAR116_0781 ABC transporter ATP-binding protein	
K01995 livG; branched-chain amino acid transport system ATP-binding protein								SAR116_0782 ABC transporter ATP-binding protein	
K03665 hflX; GTPase								SAR116_0793 GTPase HflX	
K17325 glpT; glycerol transport system ATP-binding protein								SAR116_0888 ABC transporter ATP-binding protein	
K17324 glpS; glycerol transport system ATP-binding protein								SAR116_0889 ABC transporter ATP-binding protein	
K01990 ABC-2.A; ABC-2 type transport system ATP-binding protein								SAR116_0894 ABC transporter ATP-binding protein	
K01996 livF; branched-chain amino acid transport system ATP-binding protein								SAR116_0928 ABC transporter ATP-binding protein	
K01995 livG; branched-chain amino acid transport system ATP-binding protein								SAR116_0932 ABC transporter ATP-binding protein	
								SAR116_0948 ATP-binding cassette domain-containing protein	
K02031 ddpD; peptide/nickel transport system ATP-binding protein								SAR116_0949 ABC transporter ATP-binding protein	
K02028 ABC.PA.A; polar amino acid transport system ATP-binding protein [EC:7.4.2.1]								SAR116_0959 amino acid ABC transporter ATP-binding protein	
K10111 malK; multiple sugar transport system ATP-binding protein [EC:7.5.2.-]								SAR116_0967 ABC transporter ATP-binding protein	
K02193 ccmA; heme exporter protein A [EC:7.6.2.5]								SAR116_1076 heme ABC exporter ATP-binding protein CcmA	
K11085 msbA; ATP-binding cassette, subfamily B, bacterial MsbA [EC:7.5.2.6]								SAR116_1130 ABC transporter ATP-binding protein/permease	
K12541 lapB; ATP-binding cassette, subfamily C, bacterial LapB								SAR116_1168 ATP-binding cassette domain-containing protein	
K10111 malK; multiple sugar transport system ATP-binding protein [EC:7.5.2.-]								SAR116_1192 sn-glycerol-3-phosphate ABC transporter ATP-binding protein UgpC	
K02036 pstB; phosphate transport system ATP-binding protein [EC:7.3.2.1]								SAR116_1203 phosphate ABC transporter ATP-binding protein PstB	
K06861 lptB; lipopolysaccharide export system ATP-binding protein [EC:7.5.2.5]								SAR116_1247 LPS export ABC transporter ATP-binding protein	
K06925 tsaE; tRNA threonylcarbamoyladenosine biosynthesis protein TsaE								SAR116_1263 tRNA (adenosine(37)-N6)-threonylcarbamoyltransferase complex ATPase subunit type 1 TsaE	
K01990 ABC-2.A; ABC-2 type transport system ATP-binding protein								SAR116_1270 ABC transporter ATP-binding protein	
K02003 ABC.CD.A; putative ABC transport system ATP-binding protein								SAR116_1418 ATP-binding cassette domain-containing protein	
K10831 tauB; taurine transport system ATP-binding protein [EC:7.6.2.7]								SAR116_1440 probable taurin uptake ABC transporter ATP-binding protein	
K02028 ABC.PA.A; polar amino acid transport system ATP-binding protein [EC:7.4.2.1]								SAR116_1446 glutamine ABC transporter, ATP-binding protein	
K01995 livG; branched-chain amino acid transport system ATP-binding protein								SAR116_1461 ABC transporter ATP-binding protein	
K01996 livF; branched-chain amino acid transport system ATP-binding protein								SAR116_1462 ABC transporter ATP-binding protein	
K03978 engB; GTP-binding protein								SAR116_1501 ribosome biogenesis GTP-binding protein YihA/YsxC	
K10112 msmX; multiple sugar transport system ATP-binding protein [EC:7.5.2.-]								SAR116_1512 sn-glycerol-3-phosphate ABC transporter ATP-binding protein UgpC	
K23537 nupA; general nucleoside transport system ATP-binding protein								SAR116_1607 ABC transporter ATP-binding protein	
K03650 mnmE; tRNA modification GTPase [EC:3.6.-.-]								SAR116_1645 tRNA uridine-5-carboxymethylaminomethyl(34) synthesis GTPase MnmE	
K02052 ABC.SP.A; putative spermidine/putrescine transport system ATP-binding protein								SAR116_1724 ABC transporter ATP-binding protein	
K01996 livF; branched-chain amino acid transport system ATP-binding protein								SAR116_1758 ABC transporter ATP-binding protein	
K01995 livG; branched-chain amino acid transport system ATP-binding protein								SAR116_1759 ATP-binding cassette domain-containing protein	
								SAR116_1784 ABC transporter ATP-binding protein	
K01995 livG; branched-chain amino acid transport system ATP-binding protein								SAR116_1785 ABC transporter ATP-binding protein	
K02052 ABC.SP.A; putative spermidine/putrescine transport system ATP-binding protein								SAR116_1793 ABC transporter ATP-binding protein	
K03979 obgE; GTPase [EC:3.6.5.-]								SAR116_1854 GTPase ObgE	
K24846 pgIK; ATP-binding cassette, subfamily B, bacterial PglK [EC:7.5.2.-]								SAR116_1954 ABC transporter ATP-binding protein/permease	
K15600 thiZ; putative hydroxymethylpyrimidine transport system ATP-binding protein								SAR116_1968 ABC transporter ATP-binding protein	
K11076 potG; putrescine transport system ATP-binding protein [EC:7.6.2.16]								SAR116_2032 ABC transporter ATP-binding protein	
K06158 ABCF3; ATP-binding cassette, subfamily F, member 3								SAR116_2053 ABC-F family ATP-binding cassette domain-containing protein	
K25152 gltA; gliding motility-associated transport system ATP-binding protein								SAR116_2095 ABC transporter ATP-binding protein	
K15555 ssuB; sulfonate transport system ATP-binding protein [EC:7.6.2.14]								SAR116_2097 ABC transporter ATP-binding protein	
K15555 ssuB; sulfonate transport system ATP-binding protein [EC:7.6.2.14]								SAR116_2099 ABC transporter ATP-binding protein	
K06147 ABCB-BAC; ATP-binding cassette, subfamily B, bacterial								SAR116_2279 ABC transporter transmembrane domain-containing protein	
K06020 ettA; energy-dependent translational throttle protein EttA								SAR116_2318 energy-dependent translational throttle protein EttA	
K15738 uup; ABC transport system ATP-binding/permease protein								SAR116_2347 ABC-F family ATP-binding cassette domain-containing protein	
K23537 nupA; general nucleoside transport system ATP-binding protein								SAR116_2466 ABC transporter ATP-binding protein	
K03977 engA; GTPase								SAR116_2501 ribosome biogenesis GTPase Der	
K03072 secD; preprotein translocase subunit SecD [Candidatus Puniceispirillum marinum]								SAR116_0406 protein translocase subunit SecD [Candidatus Puniceispirillum marinum]	
K06942 ychF; ribosome-binding ATPase								SAR116_2191 redox-regulated ATPase YchF [Candidatus Puniceispirillum marinum]	

