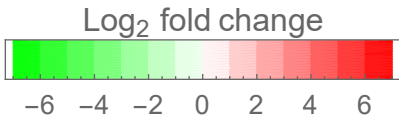


Log₂ fold changes of probes
[Chromosome and associated proteins; n = 40]



	<u>LL</u> ₃ <u>DD</u> ₃	<u>Diel</u> ₃ <u>LL</u> ₃	<u>DD</u> ₃ <u>Diel</u> ₃	<u>LL</u> ₆ <u>DD</u> ₆	<u>Diel</u> ₆ <u>LL</u> ₆	<u>DD</u> ₆ <u>Diel</u> ₆	
K00558 DNMT1; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]							SAR116_1359 DNA–cytosine methyltransferase
K00558 DNMT1; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]							SAR116_0388 Cytosine–specific methyltransferase
K00558 DNMT1; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]							SAR116_1301 DNA–cytosine methyltransferase
K03685 rnc; ribonuclease III [EC:3.1.26.3]							SAR116_0531 Ribonuclease III
K03530 hupB; DNA–binding protein HU–beta							SAR116_0125 histone family protein DNA–binding protein
K04764 ihfA; integration host factor subunit alpha							SAR116_0173 integration host factor
K05788 ihfB; integration host factor subunit beta							SAR116_1253 integration host factor
K02313 dnaA; chromosomal replication initiator protein							SAR116_1558 ATPase, dnaA
K11940 hspQ; heat shock protein HspQ							SAR116_0012 hemimethylated DNA binding protein
K03666 hfq; host factor–I protein							SAR116_0220 RNA–binding protein
K03719 lrp; Lrp/AsnC family transcriptional regulator, leucine–responsive regulatory protein							SAR116_0964 proline dehydrogenase transcriptional activator
K03719 lrp; Lrp/AsnC family transcriptional regulator, leucine–responsive regulatory protein							SAR116_2541 putative transcriptional regulator
K03529 smc; chromosome segregation protein							SAR116_1099 Chromosome segregation ATPase
K05896 scpA; segregation and condensation protein A							SAR116_0419 chromosome segregation and condensation protein ScpA
K06024 scpB; segregation and condensation protein B							SAR116_0418 Predicted transcriptional regulator containing the HTH domain
K03590 ftsA; cell division protein FtsA							SAR116_2329 Cell division protein FtsA
K03587 ftsI; cell division protein FtsI (penicillin–binding protein 3) [EC:3.4.16.4]							SAR116_2340 Cell division protein FtsI/penicillin–binding protein 2
K03466 ftsK; DNA segregation ATPase FtsK/SpoIIIE, S–DNA–T family							SAR116_1808 DNA segregation ATPase FtsK/SpoIIIE
K03589 ftsQ; cell division protein FtsQ							SAR116_2330 cell division protein ftsQ
K03588 ftsW; cell division protein FtsW							SAR116_2335 Bacterial cell division membrane protein
K03531 ftsZ; cell division protein FtsZ							SAR116_2328 cell division protein FtsZ
K09888 zapA; cell division protein ZapA							SAR116_2288 Protein of unknown function DUF710
K06916 zapE; cell division protein ZapE							SAR116_1830 ATPase
K01448 amiABC; N–acetylmuramoyl–L–alanine amidase [EC:3.5.1.28]							SAR116_1032 N–acetylmuramoyl–L–alanine amidase
K03569 mreB; rod shape–determining protein MreB and related proteins							SAR116_0710 Cell shape determining protein MreB/Mrl
K03570 mreC; rod shape–determining protein MreC							SAR116_0709 Cell shape–determining protein
K05837 rodA; rod shape determining protein RodA							SAR116_0706 rod shape–determining protein RodA
K03496 parA; chromosome partitioning protein							SAR116_2537 Cobyrinic acid a,c–diamide synthase
K03496 parA; chromosome partitioning protein							SAR116_1648 chromosome partitioning protein ParA
K03497 parB; ParB family transcriptional regulator, chromosome partitioning protein							SAR116_1649 parB–like partition protein
K02621 parC; topoisomerase IV subunit A [EC:5.6.2.2]							SAR116_0528 DNA topoisomerase IV
K02622 parE; topoisomerase IV subunit B [EC:5.6.2.2]							SAR116_0103 DNA topoisomerase IV
K03495 gidA; tRNA uridine 5–carboxymethylaminomethyl modification enzyme							SAR116_1646 glucose–inhibited division protein A
K03501 gidB; 16S rRNA (guanine527–N7)–methyltransferase [EC:2.1.1.170]							SAR116_1647 Glucose inhibited division protein
K04094 tmFO; methylenetetrahydrofolate–tRNA–(uracil–5–)–methyltransferase [EC:2.1.1.74]							SAR116_0402 gid protein
K03733 xerC; integrase/recombinase XerC							SAR116_1837 phage integrase family protein
K04763 xerD; integrase/recombinase XerD							SAR116_1915 tyrosine recombinase XerD
K04763 xerD; integrase/recombinase XerD							SAR116_1016 phage integrase family protein
K03593 mrp; ATP–binding protein involved in chromosome partitioning							SAR116_0719 protein of unknown function DUF59
K03978 engB; GTP–binding protein							SAR116_1501 GTP–binding protein