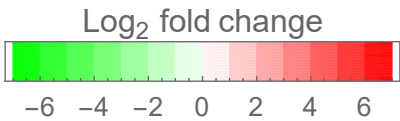


Log<sub>2</sub> fold changes of probes  
[Prokaryotic defense system; n = 20]



		<u>LL<sub>3</sub></u> DD <sub>3</sub>	<u>LD<sub>3</sub></u> LL <sub>3</sub>	<u>DD<sub>3</sub></u> LD <sub>3</sub>	<u>LL<sub>6</sub></u> DD <sub>6</sub>	<u>LD<sub>6</sub></u> LL <sub>6</sub>	<u>DD<sub>6</sub></u> LD <sub>6</sub>	
K15342 cas1; CRISP–associated protein Cas1								SAR116_2545 CRISPR–associated protein Cas1
K09951 cas2; CRISPR–associated protein Cas2								SAR116_2546 Protein of unknown function DUF196
K09952 csn1; CRISPR–associated endonuclease Csn1 [EC:3.1.–.–]								SAR116_2544 CRISPR–associated protein
K03427 hsdM; type I restriction enzyme M protein [EC:2.1.1.72]								SAR116_0653 N–6 DNA methylase
K13581 ccrM; modification methylase [EC:2.1.1.72]								SAR116_1667 DNA methylase N–4/N–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
K01156 res; type III restriction enzyme [EC:3.1.21.5]								SAR116_1282 type III restriction protein res subunit
K07316 mod; adenine–specific DNA–methyltransferase [EC:2.1.1.72]								SAR116_1283 DNA methylase N–4/N–6 domain protein
K07171 mazF; mRNA interferase MazF [EC:3.1.–.–]								SAR116_2309 hypothetical protein
K03531 ftsZ; cell division protein FtsZ								SAR116_2328 cell division protein FtsZ
K03569 mreB; rod shape–determining protein MreB and related proteins								SAR116_0710 Cell shape determining protein MreB/Mrl
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
K01885 EARS; glutamyl–tRNA synthetase [EC:6.1.1.17]								SAR116_0503 Glutamyl– and glutaminyl–tRNA synthetase
K01885 EARS; glutamyl–tRNA synthetase [EC:6.1.1.17]								SAR116_0679 glutamyl–tRNA synthetase
K09159 cptB; antitoxin CptB								SAR116_0226 protein of unknown function DUF339
K04487 iscS; cysteine desulfurase [EC:2.8.1.7]								SAR116_1023 Cysteine sulfinatase/cysteine desulfurase and related enzyme
K19170 dndC; DNA sulfur modification protein DndC								SAR116_0764 3′–phosphoadenosine 5′–phosphosulfate sulfotransferase