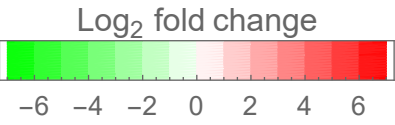


Log<sub>2</sub> fold changes of probes  
[Proteorhodopsin-related; n = 33]



	<div><div>LL<sub>3</sub></div><div>DD<sub>3</sub></div></div>	<div><div>LD<sub>3</sub></div><div>LL<sub>3</sub></div></div>	<div><div>DD<sub>3</sub></div><div>LD<sub>3</sub></div></div>	<div><div>LL<sub>6</sub></div><div>DD<sub>6</sub></div></div>	<div><div>LD<sub>6</sub></div><div>LL<sub>6</sub></div></div>	<div><div>DD<sub>6</sub></div><div>LD<sub>6</sub></div></div>	
Transcription Factor							SAR116_2125 AraC family transcriptional regulator
Proteorhodopsin							SAR116_2126 Proteorhodopsin
retinoid biosynthesis							SAR116_2127 polyprenyl synthetase (EC:2.5.1.–)
retinoid biosynthesis							SAR116_2128 phytoene dehydrogenase (EC:1.14.99.–)
retinoid biosynthesis							SAR116_2129 phytoene synthase (EC:2.5.1.32)
retinoid biosynthesis							SAR116_2130 lycopene cyclase (EC:1.14.–.–)
retinoid biosynthesis							SAR116_2131 Beta-carotene 15,15'-dioxygenase
retinoid biosynthesis							SAR116_2132 isopentenyl-diphosphate delta-isomerase, type 2 (EC:5.3.3.2)
retinoid biosynthesis							SAR116_2162 phytanoyl-CoA dioxygenase family protein, putative
retinoid biosynthesis							SAR116_0403 phytoene synthase family protein
retinoid biosynthesis							SAR116_0473 Sterol desaturase
retinoid biosynthesis							SAR116_0767 phytanoyl-CoA dioxygenase, putative
BLUF							SAR116_0873 BLUF domain-containing protein, RRF
PAS_domain NtrB Histidine Kinase A[HisKA]							SAR116_0215 signal transduction histidine kinase, nitrogen specific, NtrB (EC:2.7.13.3)
PAS_domain NtrY Histidine Kinase A[HisKA]							SAR116_0217 signal transduction histidine kinase involved in nitrogen fixation and metabolism regulation (EC:2.7.3.–)
PAS_domain phoR Histidine Kinase A							SAR116_1207 sensor signal transduction histidine kinase (EC:2.7.13.3)
PAS9_domain Ser Phosphatase							SAR116_1433 serine phosphatase (EC:2.7.3.–)
PAS/PAC sensor							SAR116_2458 diguanylate cyclase (GGDEF domain) with PAS/PAC sensor
GAF3_domain Diguanylate cyclase/phosphodiesterase							SAR116_1978 diguanylate cyclase/phosphodiesterase (EC:2.7.3.–)
GAF_domain Multi-sensor Hybrid Histidine Kinase							SAR116_2441 Multi-sensor Hybrid Histidine Kinase (EC:2.7.13.3)
GAF3_domain Stress Signaling RsbU Serine phosphatase							SAR116_2529 Serine phosphatase RsbU (EC:3.1.3.3)
Deoxyribodipyrimidine photolyase							SAR116_0796 deoxyribodipyrimidine photolyase (EC:4.1.99.3)
Deoxyribodipyrimidine photo-lyase-related protein (DPRP)							SAR116_0797 hypothetical protein
Deoxyribodipyrimidine photolyase							SAR116_0799 DNA photolyase light harvesting cofactor binding domain protein
Deoxyribodipyrimidine photolyase							SAR116_2042 deoxyribodipyrimidine photo-lyase (EC:4.1.99.3)
Deoxyribodipyrimidine photo-lyase-related protein (DPRP)							SAR116_2043 deoxyribodipyrimidine photolyase-like protein (EC:4.1.99.3)
DNA repair protein RadA							SAR116_0649 DNA repair protein RadA (EC:2.1.1.63)
Mg chelatase-like protein							SAR116_1627 Mg chelatase-like protein (EC:6.6.1.1)
SCO1/2 family protein							SAR116_1003 SCO1/2 family protein (EC:3.4.21.43)
Electron transport protein SCO1/SenC							SAR116_1875 electron transport protein SCO1/SenC (EC:3.4.21.43)
Uncharacterized protein SCO1/SenC/PrrC							SAR116_1001 hypothetical SCO1-SenC protein
Luciferase-like; Flavin-utilizing monooxygenase							SAR116_2118 luciferase (EC:1.14.14.3)
Luciferase-like; alkanesulfonate monooxygenase, FMNH(2)-dependent							SAR116_0246 alkanesulfonate monooxygenase (EC:1.14.14.5)