Log₂ fold changes of probes [Transfer RNA biogenesis; n = 65]

 $\frac{\mathsf{LL}_3}{\mathsf{DD}_3} \ \frac{\mathsf{Diel}_3}{\mathsf{LL}_3} \ \frac{\mathsf{DD}_3}{\mathsf{Diel}_3} \ \frac{\mathsf{LL}_6}{\mathsf{DD}_6} \ \frac{\mathsf{Diel}_6}{\mathsf{LL}_6} \ \frac{\mathsf{DD}_6}{\mathsf{Diel}_6}$

	DD ₃	LL ₃	Diel ₃	DD ₆	LL ₆	Diel ₆	
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
K01881 PARS; prolyl-tRNA synthetase [EC:6.1.1.15]							SAR116_0523 prolyl–tRNA synthetase
K01870 IARS; isoleucyl-tRNA synthetase [EC:6.1.1.5]							SAR116_1144 Isoleucyl- tRNA synthetase
K01869 LARS; leucyl-tRNA synthetase [EC:6.1.1.4]							SAR116_1653 Leucyl-tRNA synthetase
K01874 MARS; methionyl-tRNA synthetase [EC:6.1.1.10]							SAR116_0358 Methionyl-tRNA synthetase
K01887 RARS; arginyl-tRNA synthetase [EC:6.1.1.19]						-	SAR116_0421 Arginyl–tRNA synthetase
K01876 DARS2; aspartyl-tRNA synthetase [EC:6.1.1.12]							SAR116_1890 aspartyl-tRNA synthetase
K01872 AARS; alanyl-tRNA synthetase [EC:6.1.1.7]							SAR116_0089 alanyl-tRNA synthetase
K01868 TARS; threonyl–tRNA synthetase [EC:6.1.1.3]							SAR116_1235 Threonyl–tRNA synthetase
K01875 SARS; seryl-tRNA synthetase [EC:6.1.1.11]							SAR116_0412 SerinetRNA ligase
K01883 CARS; cysteinyl-tRNA synthetase [EC:6.1.1.16]	_					+	SAR116_0678 CysteinetRNA ligase
K01873 VARS; valyl-tRNA synthetase [EC:6.1.1.9]						-	SAR116_0427 Valyl-tRNA synthetase
K01892 HARS; histidyl-tRNA synthetase [EC:6.1.1.21]							SAR116_1930 Histidyl–tRNA synthetase
							SAR116_1230 Phenylalanyl-tRNA synthetase
K01889 FARSA; phenylalanyl–tRNA synthetase alpha chain [EC:6.1.1.20]							
K01890 FARSB; phenylalanyl-tRNA synthetase beta chain [EC:6.1.1.20]							SAR116_1229 phenylalanyl-tRNA synthetase beta subunit
K01866 YARS; tyrosyl–tRNA synthetase [EC:6.1.1.1]							SAR116_1026 Tyrosyl-tRNA synthetase
K01867 WARS; tryptophanyl-tRNA synthetase [EC:6.1.1.2]	-					+	SAR116_1596 Tryptophanyl-tRNA synthetase
K03439 trmB; tRNA (guanine-N7-)-methyltransferase [EC:2.1.1.33]							SAR116_1584 hypothetical protein
K06173 truA; tRNA pseudouridine38-40 synthase [EC:5.4.99.12]							SAR116_1496 Pseudouridylate synthase
K03177 truB; tRNA pseudouridine55 synthase [EC:5.4.99.25]							SAR116_1578 tRNA pseudouridine synthase B
K04487 iscS; cysteine desulfurase [EC:2.8.1.7]						1	SAR116_1023 Cysteine sulfinate desulfinase/cysteine desulfurase and related enzyme
K07566 tsaC; L-threonylcarbamoyladenylate synthase [EC:2.7.7.87]	-					-	SAR116_0691 Sua5/YciO/YrdC/YwlC family protein
K00791 miaA; tRNA dimethylallyltransferase [EC:2.5.1.75]							SAR116_0714 tRNA delta(2)-isopentenylpyrophosphate transferase
K03650 mnmE; tRNA modification GTPase [EC:3.6]							SAR116_1645 tRNA modification GTPase TrmE
K03495 gidA; tRNA uridine 5-carboxymethylaminomethyl modification enzyme							SAR116_1646 glucose–inhibited division protein A
K01008 selD; selenide, water dikinase [EC:2.7.9.3]							SAR116_0434 selenide, water dikinase
K01082 cysQ; 3'(2'), 5'-bisphosphate nucleotidase [EC:3.1.3.7]	-					+	SAR116_1533 3'(2'), 5'-bisphosphate nucleotidase
K03536 rnpA; ribonuclease P protein component [EC:3.1.26.5]							SAR116_1503 ribonuclease P protein component
K00989 rph; ribonuclease PH [EC:2.7.7.56]							SAR116_1620 RNase PH
K03684 rnd; ribonuclease D [EC:3.1.13.5]	<u> </u>						SAR116_1244 3'-5' exonuclease family protein
K03684 rnd; ribonuclease D [EC:3.1.13.5]							SAR116_0622 ribonuclease D
K06020 ettA; energy-dependent translational throttle protein EttA						+	SAR116_2318 ABC transporter component
K04566 lysK; lysyl-tRNA synthetase, class I [EC:6.1.1.6]							SAR116_1901 lysyl-tRNA synthetase
K01878 glyQ; glycyl-tRNA synthetase alpha chain [EC:6.1.1.14]							SAR116_2275 GlycinetRNA ligase
K01879 glyS; glycyl-tRNA synthetase beta chain [EC:6.1.1.14]							SAR116_2276 Glycyl–tRNA synthetase
K01894 gluQ; glutamyl-Q tRNA(Asp) synthetase [EC:6.1.1]							SAR116_1153 glutamyl–tRNA synthetase
K19055 prdX; Ala-tRNA(Pro) deacylase [EC:3.1.1]						+	SAR116_1799 YbaK/prolyl-tRNA synthetase domain protein
K11991 tadA; tRNA(adenine34) deaminase [EC:3.5.4.33]							SAR116_1138 CMP/dCMP deaminase
K05539 dusA; tRNA-dihydrouridine synthase A [EC:1]							SAR116_1089 tRNA-dihydrouridine synthase A
K05540 dusB; tRNA-dihydrouridine synthase B [EC:1]							SAR116_0214 NifR3-like protein
K06168 miaB; tRNA-2-methylthio-N6-dimethylallyladenosine synthase [EC:2.8.4.3]							SAR116_1590 2-methylthioadenine synthetase
K18707 mtaB; threonylcarbamoyladenosine tRNA methylthiotransferase MtaB [EC:2.8.4.5]	_					+	SAR116_1813 MiaB-like tRNA modifying enzyme
K15256 cmoA; tRNA (cmo5U34)-methyltransferase [EC:2.1.1]						_	SAR116_1361 methyltransferase domain protein
K02533 lasT; tRNA/rRNA methyltransferase [EC:2.1.1]							SAR116_0676 RNA methyltransferase TrmH
K04094 trmFO; methylenetetrahydrofolatetRNA-(uracil-5-)-methyltransferase [EC:2.1.1.74]							SAR116_0402 gid protein
K00554 trmD; tRNA (guanine37-N1)-methyltransferase [EC:2.1.1.228]							SAR116_1819 tRNA (guanine-N(1)-)-methyltransferase
K03216 trmL; tRNA (cytidine/uridine-2'-O-)-methyltransferase [EC:2.1.1.207]						+	SAR116_1175 RNA methyltransferase
K15460 yfiC; tRNA1Val (adenine37–N6)-methyltransferase [EC:2.1.1.223]							SAR116_2272 Predicted O-methyltransferase
K03437 spoU; RNA methyltransferase, TrmH family							SAR116_1397 tRNA/rRNA methyltransferase (SpoU)
K00566 mnmA; tRNA-uridine 2-sulfurtransferase [EC:2.8.1.13]							SAR116_1021 tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase
K04085 tusA; tRNA 2-thiouridine synthesizing protein A [EC:2.8.1]							SAR116_2349 SirA family protein
K13628 iscA; iron-sulfur cluster assembly protein	-					+	SAR116_0019 Iron-sulfur cluster assembly protein
K06980 ygfZ; tRNA-modifying protein YgfZ							SAR116_1329 glycine cleavage T protein
K15461 mnmC; tRNA 5-methylaminomethyl-2-thiouridine biosynthesis bifunctional protein [EC:2.1.1.61 1.5]							
							SAR116_0654 protein of unknown function DUF752
K07568 queA; S-adenosylmethionine:tRNA ribosyltransferase-isomerase [EC:2.4.99.17]							SAR116_0028 Queuosine biosynthesis protein
K18979 queG; epoxyqueuosine reductase [EC:1.17.99.6]						+	SAR116_0030 iron-sulfur cluster binding protein
K06917 selU; tRNA 2-selenouridine synthase [EC:2.9.1.3]	-						SAR116_0435 Rhodanese-like protein
K00773 tgt; queuine tRNA-ribosyltransferase [EC:2.4.2.29]							SAR116_0029 Queuine/archaeosine tRNA-ribosyltransferase
K04075 tilS; tRNA(IIe)-Iysidine synthase [EC:6.3.4.19]							SAR116_2302 Predicted ATPase of the PP–loop superfamily implicated in cell cycle control
K14742 tsaB; tRNA threonylcarbamoyladenosine biosynthesis protein TsaB							SAR116_1592 putative protease
K25706 tsaD; tRNA N6-adenosine threonylcarbamoyltransferase [EC:2.3.1.234]							SAR116_1476 putative metalloendopeptidase
K06925 tsaE; tRNA threonylcarbamoyladenosine biosynthesis protein TsaE	-						SAR116_1263 hypothetical protein
K12573 rnr; ribonuclease R [EC:3.1.13.1]							SAR116_0618 ribonuclease R
							SAR116_1576 Polyribonucleotide nucleotidyltransferase
K00962 pnp; polyribonucleotide nucleotidyltransferase [EC:2.7.7.8]							Onic 10_1010 Polymbolidaeolide mudeolidylitansietase

Log₂ fold change

-6 -4 -2 0 2 4 6