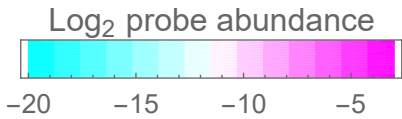


Log₂ normalized probes
[Amino acid related enzymes; n = 39]



	DD ₃	LL ₃	Diel ₃	DD ₆	LL ₆	Diel ₆	
K04566 lysK; lysyl–tRNA synthetase, class I [EC:6.1.1.6]							SAR116_1901 lysyl–tRNA synthetase
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
K01894 gluQ; glutamyl–Q tRNA(Asp) synthetase [EC:6.1.1.–]							SAR116_1153 glutamyl–tRNA synthetase
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
K01883 CARS; cysteinyl–tRNA synthetase [EC:6.1.1.16]							SAR116_0678 Cysteine––tRNA ligase
K01887 RARS; arginyl–tRNA synthetase [EC:6.1.1.19]							SAR116_0421 Arginyl–tRNA synthetase
K01874 MARS; methionyl–tRNA synthetase [EC:6.1.1.10]							SAR116_0358 Methionyl–tRNA synthetase
K01870 IARS; isoleucyl–tRNA synthetase [EC:6.1.1.5]							SAR116_1144 Isoleucyl–tRNA synthetase
K01873 VARS; valyl–tRNA synthetase [EC:6.1.1.9]							SAR116_0427 Valyl–tRNA synthetase
K01869 LARS; leucyl–tRNA synthetase [EC:6.1.1.4]							SAR116_1653 Leucyl–tRNA synthetase
K01876 DARS2; aspartyl–tRNA synthetase [EC:6.1.1.12]							SAR116_1890 aspartyl–tRNA synthetase
K01892 HARS; histidyl–tRNA synthetase [EC:6.1.1.21]							SAR116_1930 Histidyl–tRNA synthetase
K01878 glyQ; glycyl–tRNA synthetase alpha chain [EC:6.1.1.14]							SAR116_2275 Glycine––tRNA ligase
K01879 glyS; glycyl–tRNA synthetase beta chain [EC:6.1.1.14]							SAR116_2276 Glycyl–tRNA synthetase
K01875 SARS; seryl–tRNA synthetase [EC:6.1.1.11]							SAR116_0412 Serine––tRNA ligase
K01881 PARS; prolyl–tRNA synthetase [EC:6.1.1.15]							SAR116_0523 prolyl–tRNA synthetase
K01868 TARS; threonyl–tRNA synthetase [EC:6.1.1.3]							SAR116_1235 Threonyl–tRNA synthetase
K01872 AARS; alanyl–tRNA synthetase [EC:6.1.1.7]							SAR116_0089 alanyl–tRNA synthetase
K01889 FARSA; phenylalanyl–tRNA synthetase alpha chain [EC:6.1.1.20]							SAR116_1230 Phenylalanyl–tRNA synthetase
K01890 FARSB; phenylalanyl–tRNA synthetase beta chain [EC:6.1.1.20]							SAR116_1229 phenylalanyl–tRNA synthetase beta subunit
K00812 aspB; aspartate aminotransferase [EC:2.6.1.1]							SAR116_2214 aminotransferase
K00812 aspB; aspartate aminotransferase [EC:2.6.1.1]							SAR116_0974 aspartate aminotransferase
K00813 aspC; aspartate aminotransferase [EC:2.6.1.1]							SAR116_0778 aspartate aminotransferase
K14267 dapC; N–succinyldiaminopimelate aminotransferase [EC:2.6.1.17]							SAR116_1807 Aspartate/tyrosine/aromatic aminotransferase
K00817 hisC; histidinol–phosphate aminotransferase [EC:2.6.1.9]							SAR116_0339 histidinol–phosphate aminotransferase
K00817 hisC; histidinol–phosphate aminotransferase [EC:2.6.1.9]							SAR116_0442 histidinol–phosphate aminotransferase
K00643 E2.3.1.37; 5–aminolevulinate synthase [EC:2.3.1.37]							SAR116_0081 5–aminolevulinate synthase
K14155 patB; cysteine–S–conjugate beta–lyase [EC:4.4.1.13]							SAR116_0775 aminotransferase
K00822 E2.6.1.18; beta–alanine––pyruvate transaminase [EC:2.6.1.18]							SAR116_2023 aminotransferase class–III
K00821 argD; acetylmithine/N–succinyldiaminopimelate aminotransferase [EC:2.6.1.11 2.6.1.17]							SAR116_1882 Ornithine/acetylmithine aminotransferase
K12256 spuC; putrescine––pyruvate transaminase [EC:2.6.1.113]							SAR116_2037 probable aminotransferase
K12256 spuC; putrescine––pyruvate transaminase [EC:2.6.1.113]							SAR116_1762 hypothetical protein
K00824 dat; D–alanine transaminase [EC:2.6.1.21]							SAR116_0792 aminotransferase
K00826 E2.6.1.42; branched–chain amino acid aminotransferase [EC:2.6.1.42]							SAR116_2206 branched–chain amino acid aminotransferase
K00826 E2.6.1.42; branched–chain amino acid aminotransferase [EC:2.6.1.42]							SAR116_0958 putative branched–chain amino acid aminotransferase
K00830 AGXT; alanine–glyoxylate transaminase / serine–glyoxylate transaminase / serine–pyruvate transaminase [EC:2.6.1.44 2.6.1.45 2.6.1.51]							SAR116_1214 probable serine–glyoxylate aminotransferase
K00831 serC; phosphoserine aminotransferase [EC:2.6.1.52]							SAR116_2306 phosphoserine aminotransferase