



Log₂ fold changes of probes
[Lysine biosynthesis; n = 15]

	$\frac{LL_3}{DD_3}$	$\frac{LD_3}{LL_3}$	$\frac{DD_3}{LD_3}$	$\frac{LL_6}{DD_6}$	$\frac{LD_6}{LL_6}$	$\frac{DD_6}{LD_6}$	
K00003 hom; homoserine dehydrogenase [EC:1.1.1.3]							SAR116_0486 putative aminotransferase aatC
K00928 lysC; aspartate kinase [EC:2.7.2.4]							SAR116_1927 aspartate kinase
K00133 asd; aspartate-semialdehyde dehydrogenase [EC:1.2.1.11]							SAR116_1824 Aspartate-semialdehyde dehydrogenase
K01714 dapA; 4-hydroxy-tetrahydrodipicolinate synthase [EC:4.3.3.7]							SAR116_2167 Dihydrodipicolinate synthetase
K01714 dapA; 4-hydroxy-tetrahydrodipicolinate synthase [EC:4.3.3.7]							SAR116_0542 Dihydrodipicolinate synthase subfamily
K01714 dapA; 4-hydroxy-tetrahydrodipicolinate synthase [EC:4.3.3.7]							SAR116_0311 Dihydrodipicolinate synthetase
K00215 dapB; 4-hydroxy-tetrahydrodipicolinate reductase [EC:1.17.1.8]							SAR116_1613 Dihydrodipicolinate reductase
K00674 dapD; 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase [EC:2.3.1.117]							SAR116_1498 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase
K00821 argD; acetylornithine/N-succinyldiaminopimelate aminotransferase [EC:2.6.1.11 2.6.1.17]							SAR116_1882 Ornithine/acetylornithine aminotransferase
K14267 dapC; N-succinyldiaminopimelate aminotransferase [EC:2.6.1.17]							SAR116_1807 Aspartate/tyrosine/aromatic aminotransferase
K01439 dapE; succinyl-diaminopimelate desuccinylase [EC:3.5.1.18]							SAR116_1497 Acetylornithine deacetylase/Succinyl-diaminopimelate desuccinylase and related deacylase
K01778 dapF; diaminopimelate epimerase [EC:5.1.1.7]							SAR116_1812 Diaminopimelate epimerase
K01586 lysA; diaminopimelate decarboxylase [EC:4.1.1.20]							SAR116_1866 diaminopimelate decarboxylase
K01928 murE; UDP-N-acetylmuramoyl-L-alanyl-D-glutamate--2,6-diaminopimelate ligase [EC:6.3.2.13]							SAR116_2339 UDP-N-acetylmuramyl-tripeptide synthetases
K01929 murF; UDP-N-acetylmuramoyl-tripeptide--D-alanyl-D-alanine ligase [EC:6.3.2.10]							SAR116_2338 UDP-N-acetylmuramoylalanyl-D-glutamyl-2