



Log<sub>2</sub> fold changes of probes  
[Propanoate metabolism; n = 22]

|  | $\frac{LL_3}{DD_3}$ | $\frac{LD_3}{LL_3}$ | $\frac{DD_3}{LD_3}$ | $\frac{LL_6}{DD_6}$ | $\frac{LD_6}{LL_6}$ | $\frac{DD_6}{LD_6}$ |   |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---|
| K01895 ACSS1_2; acetyl-CoA synthetase [EC:6.2.1.1]   |                     |                     |                     |                     |                     |                     | SAR116_1878 Acetate--CoA ligase                                 |
| K01908 ACSS3; propionyl-CoA synthetase [EC:6.2.1.17]   |                     |                     |                     |                     |                     |                     | SAR116_0786 AMP-dependent synthetase and ligase                 |
| K01026 pct; propionate CoA-transferase [EC:2.8.3.1]  |                     |                     |                     |                     |                     |                     | SAR116_0923 coenzyme A transferase                              |
| K00625 E2.3.1.8; phosphate acetyltransferase [EC:2.3.1.8]  |                     |                     |                     |                     |                     |                     | SAR116_2025 Phosphate acetyltransferase                         |
| K00382 DLD; dihydrolipoamide dehydrogenase [EC:1.8.1.4]  |                     |                     |                     |                     |                     |                     | SAR116_1836 dihydrolipoamide dehydrogenase                      |
| K00382 DLD; dihydrolipoamide dehydrogenase [EC:1.8.1.4]  |                     |                     |                     |                     |                     |                     | SAR116_0208 Pyruvate/2-oxoglutarate dehydrogenase complex       |
| K19745 acul; acrylyl-CoA reductase (NADPH) [EC:1.3.1.-]  |                     |                     |                     |                     |                     |                     | SAR116_1428 oxidoreductase                                      |
| K01782 fadJ; 3-hydroxyacyl-CoA dehydrogenase / enoyl-CoA hydratase / 3-hydroxybutyryl-CoA epimerase [EC:1.1.1.35 4.2.1.17 5.1.2.3] |                     |                     |                     |                     |                     |                     | SAR116_0556 putative fatty acid oxidation complex alpha subunit |
| K01962 accA; acetyl-CoA carboxylase carboxyl transferase subunit alpha [EC:6.4.1.2 2.1.3.15]                                       |                     |                     |                     |                     |                     |                     | SAR116_1916 Acetyl-CoA carboxylase alpha subunit                |
| K02160 accB; acetyl-CoA carboxylase biotin carboxyl carrier protein  |                     |                     |                     |                     |                     |                     | SAR116_1039 acetyl-CoA carboxylase                              |
| K02160 accB; acetyl-CoA carboxylase biotin carboxyl carrier protein  |                     |                     |                     |                     |                     |                     | SAR116_1773 biotin/lipoyl attachment                            |
| K01961 accC; acetyl-CoA carboxylase, biotin carboxylase subunit [EC:6.4.1.2 6.3.4.14]  |                     |                     |                     |                     |                     |                     | SAR116_1040 acetyl-CoA carboxylase                              |
| K01961 accC; acetyl-CoA carboxylase, biotin carboxylase subunit [EC:6.4.1.2 6.3.4.14]  |                     |                     |                     |                     |                     |                     | SAR116_1774 acetyl CoA carboxylase                              |
| K01963 accD; acetyl-CoA carboxylase carboxyl transferase subunit beta [EC:6.4.1.2 2.1.3.15]  |                     |                     |                     |                     |                     |                     | SAR116_1258 Acetyl-CoA carboxylase carboxyl transferase         |
| K01578 MLYCD; malonyl-CoA decarboxylase [EC:4.1.1.9]   |                     |                     |                     |                     |                     |                     | SAR116_0872 malonyl-CoA decarboxylase                           |
| K00822 E2.6.1.18; beta-alanine--pyruvate transaminase [EC:2.6.1.18]  |                     |                     |                     |                     |                     |                     | SAR116_2023 aminotransferase class-III                          |
| K05606 MCEE; methylmalonyl-CoA/ethylmalonyl-CoA epimerase [EC:5.1.99.1]  |                     |                     |                     |                     |                     |                     | SAR116_0158 methylmalonyl-CoA epimerase                         |
| K01847 MUT; methylmalonyl-CoA mutase [EC:5.4.99.2]   |                     |                     |                     |                     |                     |                     | SAR116_1400 methylmalonyl-CoA mutase                            |
| K01847 MUT; methylmalonyl-CoA mutase [EC:5.4.99.2]   |                     |                     |                     |                     |                     |                     | SAR116_1401 Methylmalonyl-CoA mutase                            |
| K01903 sucC; succinyl-CoA synthetase beta subunit [EC:6.2.1.5]   |                     |                     |                     |                     |                     |                     | SAR116_1832 succinyl-CoA synthetase                             |
| K01902 sucD; succinyl-CoA synthetase alpha subunit [EC:6.2.1.5]  |                     |                     |                     |                     |                     |                     | SAR116_1833 succinyl-CoA synthetase                             |
| K00140 mmsA; malonate-semialdehyde dehydrogenase (acetylating) / methylmalonate-semialdehyde dehydrogenase [EC:1.2.1.18 1.2.1.27]  |                     |                     |                     |                     |                     |                     | SAR116_1384 malonic semialdehyde oxidative decarboxylase        |