Log₂ fold changes of probes [Glycosyltransferases, LPS, and Peptidoglycan metabolism; n = 39]

				LL ₆		
	K00721 DPM1; dolichol-phosphate mannosyltransferase [EC:2.4.1.83]		3			SAR116_1480 glycosyl transferase
	K05366 mrcA; penicillin-binding protein 1A [EC:2.4.1.129 3.4.16.4] -					SAR116_1031 Membrane carboxypeptidase/penicillin-binding protein
	K16703 wcaL; colanic acid/amylovoran biosynthesis glycosyltransferase WcaL/AmsK [EC:2.4]					SAR116_1394 glycosyl transferase
	K00677 lpxA; UDP-N-acetylglucosamine acyltransferase [EC:2.3.1.129] -					SAR116_0507 Acyl-(acyl-carrier-protein)UDP-N-acetylglucosamine O-acyltransferase
	K00748 lpxB; lipid–A–disaccharide synthase [EC:2.4.1.182] -					SAR116_0505 Lipid A disaccharide synthetase
	K02535 lpxC; UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase [EC:3.5.1.108] -					SAR116_2327 UDP-3-0-acyl N-acetylglucosamine deacetylase
	K02536 lpxD; UDP–3–O–[3–hydroxymyristoyl] glucosamine N–acyltransferase [EC:2.3.1.191] –					SAR116_0509 UDP-3-O-(3-hydroxymyristoyl) glucosamine N-acyltransferase
	K09949 lpxl; UDP-2,3-diacylglucosamine hydrolase [EC:3.6.1.54] -					SAR116_0506 protein of unknown function DUF1009
	K00912 lpxK; tetraacyldisaccharide 4'-kinase [EC:2.7.1.130]					SAR116_1134 tetraacyldisaccharide 4'–kinase
	K02517 lpxL; Kdo2-lipid IVA lauroyltransferase/acyltransferase [EC:2.3.1.241 2.3.1]					SAR116_1135 Lauroyl/myristoyl acyltransferase
	K02527 kdtA; 3-deoxy-D-manno-octulosonic-acid transferase [EC:2.4.99.12 2.4.99.13 2.4.99.14 2.4.99.15]					SAR116_1133 Three-deoxy-D-manno-octulosonic-acid transferase domain protein
	K01627 kdsA; 2-dehydro-3-deoxyphosphooctonate aldolase (KDO 8-P synthase) [EC:2.5.1.55]					SAR116_0202 2-dehydro-3-deoxyphosphooctonate aldolase
	K00979 kdsB; 3-deoxy-manno-octulosonate cytidylyltransferase (CMP-KDO synthetase) [EC:2.7.7.38]					SAR116_1487 3-deoxy-D-manno-octulosonate cytidylyltransferase
Log ₂ fold change	K06041 kdsD; arabinose-5-phosphate isomerase [EC:5.3.1.13]					SAR116_0027 KpsF/GutQ family protein
-6 -4 -2 0 2 4	K02843 waaF: lipopolysaccharide heptosyltransferase II [EC:2.4.99.24]					SAR116_1131 Glycosyl transferase
	K03271 gmhA; D-sedoheptulose 7-phosphate isomerase [EC:5.3.1.28]					SAR116_1672 phosphoheptose isomerase
	K03273 gmhB; D-glycero-D-manno-heptose 1,7-bisphosphate phosphatase [EC:3.1.3.82 3.1.3.83]					SAR116_1805 D–glycero–D–manno–heptose 1,7–bisphosphate phosphatase
	K03272 gmhC; D-beta-D-heptose 7-phosphate kinase / D-beta-D-heptose 1-phosphate adenosyltransferase [EC:2.7.1.167 2.7.7.70]					SAR116_0704 rfaE bifunctional protein
	K20534 gtrB; polyisoprenyl-phosphate glycosyltransferase [EC:2.4]					SAR116_0993 hypothetical protein
	K13012 wbqP; O-antigen biosynthesis protein WbqP					SAR116_1964 sugar transferase
	K00790 murA; UDP-N-acetylglucosamine 1-carboxyvinyltransferase [EC:2.5.1.7]					SAR116_1321 UDP-N-acetylglucosamine 1-carboxyvinyltransferase
	K00075 murB; UDP-N-acetylmuramate dehydrogenase [EC:1.3.1.98]					SAR116_2332 UDP-N-acetylenolpyruvoylglucosamine reductase
	K01924 murC; UDP-N-acetylmuramatealanine ligase [EC:6.3.2.8] -					SAR116_2333 UDP-N-acetylmuramatealanine ligase
	K01925 murD; UDP-N-acetylmuramoylalanineD-glutamate ligase [EC:6.3.2.9]					SAR116_2336 UDP-N-acetylmuramoylalanineD-glutamate ligase
	K01928 murE; UDP-N-acetylmuramoyl-L-alanyl-D-glutamate2,6-diaminopimelate ligase [EC:6.3.2.13]					SAR116_2339 UDP-N-acetylmuramyl-tripeptide synthetases
	K01921 ddl; D-alanine-D-alanine ligase [EC:6.3.2.4] -					SAR116_2331 D-alanineD-alanine ligase
	K01921 ddl; D-alanine-D-alanine ligase [EC:6.3.2.4]					SAR116_1216 D-alanineD-alanine ligase
	K01775 alr; alanine racemase [EC:5.1.1.1] -					SAR116_0646 alanine racemase
	K01000 mraY; phospho-N-acetylmuramoyl-pentapeptide-transferase [EC:2.7.8.13]					SAR116_2337 Phospho–N–acetylmuramoyl–pentapeptide transferase
K02563 murG; UDP-I	N-acetylglucosamineN-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol N-acetylglucosamine transferase [EC:2.4.1.227]					SAR116_2334 Undecaprenyldiphospho-muramoylpentapeptide beta-N-acetylglucosaminyltransferase
	K06153 bacA; undecaprenyl-diphosphatase [EC:3.6.1.27]					SAR116_1242 undecaprenyl–diphosphatase
	K03980 murJ; putative peptidoglycan lipid II flippase					SAR116_1597 integral membrane protein MviN
	K05366 mrcA; penicillin-binding protein 1A [EC:2.4.1.129 3.4.16.4]					SAR116_1031 Membrane carboxypeptidase/penicillin-binding protein
	K05515 mrdA; penicillin-binding protein 2 [EC:3.4.16.4]					SAR116_0707 Peptidoglycan glycosyltransferase
	K03587 ftsl; cell division protein Ftsl (penicillin-binding protein 3) [EC:3.4.16.4]					SAR116_2340 Cell division protein Ftsl/penicillin-binding protein 2
	K07258 dacC; serine-type D-Ala-D-Ala carboxypeptidase (penicillin-binding protein 5/6) [EC:3.4.16.4]					SAR116_0355 D–alanyl–D–alanine carboxypeptidase
	K08309 slt; soluble lytic murein transglycosylase [EC:4.2.2]					SAR116_1664 Soluble lytic murein transglycosylase and related regulatory protein
	K08305 mltB; membrane-bound lytic murein transglycosylase B [EC:4.2.2]					SAR116_0353 Membrane-bound lytic murein transglycosylase B
	K01448 amiABC; N–acetylmuramoyl–L–alanine amidase [EC:3.5.1.28]					SAR116_1032 N-acetylmuramoyl-L-alanine amidase