

Suppl. Table 8. Down regulated genes (log₂) in the *cobB* mutant compared with the wild type in glucose chemostat cultures (FDR<0.05).

Genes	Fold change	Description
policistronic operons		
<i>prpBCDE</i>		
<i>prpB</i>	-2.866	2-methylisocitrate lyase
<i>prpC</i>	-2.869	methylcitrate synthase
<i>prpD</i>	-3.099	2-methylcitrate dehydratase
<i>prpE</i>	-2.729	propionate--CoA ligase
<i>IsrACDHFG-tam</i>		
<i>IsrA</i>	-2.340	putative ATP-binding component of a transport system
<i>hdeAB-yhiD</i>		
<i>hdeA</i>	-2.139	acid-resistance protein
<i>hdeB</i>	-2.298	acid-resistance protein
<i>ydcSTUV</i>		
<i>ydcS</i>	-1.640	putative transport protein
<i>yddLKJ</i>		
<i>yddK</i>	-1.540	predicted protein
<i>gadBC</i>		
<i>gadB</i>	-1.530	glutamate decarboxylase isozyme
<i>gadE-mdtEF</i>		
<i>gadE</i>	-1.465	hypothetical protein
<i>yeaGH</i>		
<i>yeaG</i>	-1.458	hypothetical protein
<i>yaiXO</i>		
<i>yaiX</i>	-1.368	insertion element IS2 transposase InsD
<i>ostBA</i>		
<i>otsB</i>	-1.346	trehalose-6-phosphate phosphatase
<i>yjbLM</i>		
<i>yjbL</i>	-1.240	predicted protein
<i>IsrRK</i>		
<i>IsrR</i>	-1.230	putative SORC-type transcriptional regulator
<i>yjdKO</i>		
<i>yjdK</i>	-1.220	hypothetical protein
<i>yhcADE</i>		
<i>yhcE</i>	-1.203	pseudogene
<i>gadAXW</i>		
<i>gadW</i>	-1.192	putative ARAC-type regulatory protein
<i>yciGFE</i>		
<i>yciG</i>	-1.151	hypothetical protein
<i>elfDCG-ycbUVF</i>		
<i>elfD</i>	-1.119	putative chaperone
monocistronic operons		
<i>ryjA</i>	-2.368	ncRNA
<i>ryhB</i>	-1.415	ncRNA
<i>rprA</i>	-1.351	ncRNA
<i>micF</i>	-1.311	ncRNA
<i>rpsV</i>	-1.113	30S ribosomal subunit S22
<i>pfkB</i>	-1.715	6-phosphofructokinase 2
<i>aldB</i>	-1.598	aldehyde dehydrogenase B (lactaldehyde dehydrogenase)
<i>ecnB</i>	-1.624	entericidin B membrane lipoprotein
<i>csiE</i>	-1.570	stationary phase inducible protein CsiE
<i>katE</i>	-1.349	hydroperoxidase II
<i>ycgB</i>	-1.534	SpoVR family protein
<i>yafF</i>	-1.461	H repeat-containing protein
<i>insB-1</i>	-1.301	IS1 transposase B
<i>ompC</i>	-1.289	outer membrane porin protein C
<i>hdeD</i>	-1.238	acid-resistance membrane protein
<i>ldrA</i>	-1.162	toxic polypeptide, small
<i>ldrB</i>	-1.121	toxic polypeptide, small
<i>yneL</i>	-1.111	hypothetical protein
<i>yodD</i>	-1.101	hypothetical protein
<i>yjfN</i>	-2.204	hypothetical protein
<i>ygiW</i>	-1.934	hypothetical protein
<i>ydcH</i>	-1.869	hypothetical protein
<i>yebV</i>	-1.371	hypothetical protein
<i>yiaG</i>	-1.281	putative transcriptional regulator
<i>yqgD</i>	-1.275	hypothetical protein
<i>yjiC</i>	-1.261	predicted protein
<i>yohC</i>	-1.252	hypothetical protein
<i>phnB</i>	-1.184	hypothetical protein
<i>Z0115</i>	-1.157	hypothetical protein
<i>ydiZ</i>	-1.150	hypothetical protein
<i>ytfK</i>	-1.128	hypothetical protein