Gene	Name / Function	fold change	p value
lsrB	Autoinducer 2-binding protein	-3.13	0.00
ydcS	Putative ABC-transporter	-2.95	0.01
argT	Lys-, Arg-, Orn-binding protein	-2.93	0.01
gatC	Galactitol permease IIC component	-2.91	0.01
lsrA	Autoinducer 2 import ATP-binding protein	-2.83	0.04
ompW	Outer membrane protein	-2.78	0.01
lsrD	Autoinducer 2 import system permease	-2.77	0.00
cstA	Carbon starvation protein	-2.76	0.03
yihV	Uncharacterised sugar kinase	-2.69	0.01
pyrI	Aspartate carbomytransferase subunit	-2.65	0.00
ydcA	Function unknown	-2.62	0.01
purC	SAICAR synthetase	-2.53	0.01
yahJ	Function unknown	-2.47	0.04
yjcH	Inner membrane protein	-2.47	0.05
putP	Sodium/proline symporter	-2.40	0.02
ytfQ	ABC transporter	-2.38	0.01
aldA	Lactaldehyde dehydrogenase	-2.37	0.03
pyrB	Aspartate carbomytransferase subunit	-2.37	0.03
paaJ	β-ketoadipyl-CoA thiolase	-2.36	0.01
fadA	3-ketoacyl-CoA thiolase	-2.35	0.02
gatB	Galactitol-specific phosphotransferase	-2.32	0.03
lldP	L-lactate permease	-2.28	0.05
rhtC	Threonine efflux protein	-2.27	0.03
chpB	PemK-like protein 2	-2.26	0.05
csiD	Function unknown	-2.23	0.04
fadB	Fatty acid oxidation complex subunit α	-2.23	0.05
purE	AIR carboxylase	-2.19	0.03
glpT	Glycerol-3-phosphate transporter	-2.18	0.03
purK	AIR carboxylase	-2.16	0.03
frdD	Fumarate reductase subunit D	-2.16	0.04
cspC	Cold shock-like protein	-2.15	0.04
yliJ	Uncharacterized GST-like protein	-2.15	0.03
arcC	Carbamate kinase	-2.09	0.03
glpB	Anaerobic G3Pdhase B	-2.09	0.04
yfaP	Function unknown	-2.08	0.05
mglB	D-galactose-binding periplasmic protein	-2.08	0.03
fadI	3-ketoacyl-CoA thiolase	-2.06	0.04
ygeY	Function unknown	-2.02	0.04
thiQ	Thiamine import ATP-binding protein	-2.01	0.04

Supplemental Table 2. Full microarray list of the genes downregulated in response to peroxynitrite exposure. The mean fold change in individual gene expression after exposure to 300 μM peroxynitrite compared with unstressed controls grown aerobically is shown for downregulated genes over the threshold of 2-fold change.