

Table S11. Primers used for relative gene expression quantification by real time PCR (qPCR). RNA was extracted after a treatment of *E. coli* MG1655 with H₂O₂ 0.1 mM during 30 minutes.

Gene	EcoGene ID	Forward primer (5'--->3')	Reverse primer (5'--->3')
<i>ahpC</i>	EG11384	GCAGCACAGTACGTAGCTTCTCA	GCCAGAGTTGCTTCACCTTCTT
<i>ahpF</i>	EG11385	CTGAACCTGATGAGCGTA	GACCAAACCTTTCCCGT
<i>dps</i>	EG11415	GTACATGAAATGCTGGATGG	TGCTGTTGATAACTTGAGTG
<i>fur</i>	EG10359	CAGCAACATCACCACGATCAC	TGGAATCATCACTAAATTCGATAACC
<i>katG</i>	EG10511	CAAATGCCCGTTCCATC	TTAACAGGTCAACACGAAGT
<i>mntH</i>	EG14157	GTTATTCCGCCACCAAATG	TAGCCATCATCGCCAGA
<i>oxyR</i>	EG10681	GCCAGCCGACGCTTAGC	AACATCACGCCAGCTCATC
<i>sufA</i>	EG11378	TTGATGGCACGGAAGTC	TGGGCTTTAGGGTTGTG
<i>yaaA</i>	EG10011	GAAACCTTCAGCGAAGACGATT	CCATACAAGCCGAAAGCA
<i>metL</i>	EG10590	TGAGCAGGATGAAGAGTCGTTG	CCGTGGCTGGCGAAATCAAG
<i>asnA</i>	EG10091	CTGGGCGGGAATTAAGCAACC	CTCCTGGCTGTGTACGAAGTGG