

Table S1 Primers used for qRT-PCR

Gene	Forward primer sequence	Reverse primer sequence	Reporter (FAM) sequence
<i>recA</i>	CGTTACGTAAACTTTTCAGGTGCTATTTCTA	GTGTAGTCTCTGGATTACCGAACAT	TCATCAACCAAATTCG
<i>uvrA</i>	TGGTGAAGCACAAACGTATTCGATTA	GCAGTCCAATTGATGGCTCATCTAATA	ACGCGACCCAATTTG
<i>trxB</i>	GCAGTATGTGATGGTGCATTCTTT	GAATGTTCCCTCTTCTACTGCTGAA	ACCACCACCGATAACG
<i>sodM</i>	TGAAGAAAAAGGTGGCGTAATAGATGA	CCAAGTCCAACCTGATCCAAATAATGT	CCACTGCGCTTTGATG
<i>nth</i>	TGGAGAAATACCACAAACACATAAGGAAT	TTCATCAAATGCTACACTCATGACTACA	CACCTGCTAAACTTTC
<i>nrdEF</i>	GGTTGCAAACCCAAATGTTGAGAAA	CCTGATTGTAATTGTGTTTGCGCAAT	TTTCACGCGCATTCTT
<i>katA</i>	GCGTTTGCACCAACTAATATTATTCCA	GCGCATCGCCATATGAGAATAAAC	CCTTGCAGCATTTTGT
<i>sodA</i>	AGTGTACCAGCTAACATCCAAACTG	GTGAAAGTAACTCCCAGAATAATGAATGG	CCACCGCCATTATTAC
<i>ahpC</i>	AGACGGTGTGTACAAGCATCTG	GTACTAGCGTCACGGCCAATT	CCGTCAGCGTTAATTT
<i>srtA</i>	GCAAGCTAAACCTCAAATTCGAAA	GCTGGTCCTGGATATACTGGTTCTTTAATAT	TAGCCTGCCACTTTTCG
<i>rrsA</i>	GGTCTGTAAGTACGCTGATGTG	GTGGACTACCAGGTATCTAATCCT	TCCCCACGCTTTTCG