

**Table 1** Differentially expressed genes, Mock vs UV treated cells

Gene	Forward	Reverse
lexA	AGAAGGGTTGCCGCTGGTA	TTGCGCCAGAAGTGGTTCA
tisB	ACCTGGTGGATATCGCCATTC	CTTCAGGTATTTTCAGAACAGCATCAA
sulA	GCTCTCCCCTTGCCACACT	TGTAATTGCCCGTGCGTAAA

**Table 2** Endogenous control gene

Gene	Forward	Reverse
rrsB	CGTGTTGTGAAATGTTGGGTAA	CCGCTGGCAACAAAGGATAA

**Table 3** Candidate differentially expressed intergenic regions & primers used, Mock vs UV treated cells

Candidate no.	Start nucleotide	Stop Nucleotide	Strand	Forward	Reverse
istR1/istR2	3851175	3851327	-	CAAACGCAAACCTGTGATCGA	CGCAATTCGGCACGAAT
nc1	4457486	4457627	-	AATTGTCGTTGAGGGTTCCA	TCAGTTCGGCGTCATTTGC
nc2	2342424	2342513	-	TCAGTTGTGGTCAATATATAAGCGAAT	GGCTTAGCATTTAACAATAACCGAAT
nc3	1225459	1225561	+	CCCTTGTCAATCAACCCATTG	GCGGAAAAAGGAAGCGTAAA