

Table S1. Primers for cloning, QRT-PCR assay and the expression of rCasBurs in *E. coli*

	Primer sequences (5'-3')
CasBurs α dF1	CARTAYCCNGGNTGYRTNCC
CasBurs α dF2	TGYTG YCARGARWSNGGNGA
CasBurs α dR1	CACATRCANTCNAVNGGNGC
CasBurs α 5R1	GGCTCTCCGGGGCGCGGCTTG
CasBurs α 5R2	GCGCGGCTTGGGACAGTTGAGGGT
CasBurs α 5R3 (=QR)	TGAAGTTAGCAATCTCCTGGGCA
CasBurs α 3F1	GAGGCGGCTATCACCTCAACTGTCC
CasBurs α 3F2 (=QF)	CTATCACCTCAACTGTCCCAAGCCG
CasBurs α NcoI	ATCGCCATGGCCGACGAGTGTTCCCTGCGGCCTGT
CasBurs α EcoRI	ATGAATTCTACTTCAGAAAGGGAACGCTGTC
CasBurs β dF1	AARGANGARTAYGAYGARATNGG
CasBurs β dF2	TGYAAYWSNCARGTNCANCC
CasBurs β dR1	CCRCAYTTRWARCAYTYRCA
CasBurs β 5R1	TTCCTGAGCTTCACCTGCTGGGT
CasBurs β 5R2 (=QR)	CTGAGCTTCACCTGCTGGGTTGCC
CasBurs β 3F1	CTCCGTCAACACTCCTTCAGGATT
CasBurs β 3F2 (=QF)	TCAACACTCCTTCAGGATTCTCAA
CasBurs β NcoI	ATCGCCATGGCCAGAACGTACGGTGTTGAATGCGA
CasBurs β EcoRI	ATGAATTCTTACCGGGTCGAGTCGCCACA