

**Table S2** Primers used in this study.

Primers	Sequences
V_recA_f	5'-CGTGATAAGCTCTGCGGCAA-3'
V_recA_r	5'-TTAAAACTCTTCTTCTTTCTTCTC-3' 5'-
V_recA_if	GAATTCGCGGGATCCGGTGCTATCGACGTAATGG-3'
V_recA_ir	5'-CCATTACGTCGATAGCACCGGATCCCGCGAATTC-3'

EcoRI sites are bolded.