

S2 Table. Primers used in this study.

Primer set	Primer name	Sequeunce (5'-3')
Detection of MES structure		
a	11F2	AGGCGAAACATTGGAAGT
	ermBR	GCAATGAAACACGCC
b	ermB	AGTAACGGTACTTAAATTGTTTAC
	aadE	ACTGGCTTAATCAATTTGGG
c	aadE-R	GTTCCCGCCTCTCTTCTA
	aacA-aphD-F	GAAGTACGCAGAAGAGA
d	aacA-aphD-R2	CATCTTCCCAAGGCTCTG
	4578R	AACGAGTGCTGAAATGAC
Detection of vSaβ structure		
e	beta-F4	CTGTTCTAACTTATTGGGCA
	scn-1	AGCACAAGCTTGCCAACATCG
f	chp-1	TTTACTTTTGAACCGTTTCCTAC
	beta-R3	GAGCGATTGTTCCATCT
g	phage3-intR	GCTTTGAAATCAGCCTGTAGAG
	beta island-R3	GAGCGATTGTTCCATCT
h	beta island-F4	CTGTTCTAACTTATTGGGCA
	IS232-F3	TTGGAAGTGAAGATGCCA
Detection of φSA3 within <i>hIb</i>		
i	hIb-1	GTTGGTGCTCTTACTGACAA
	scn-1	AGCACAAGCTTGCCAACATCG
j	hIb-2	TGTGTACCGATAACGTGAAC
	phage3-intR	GCTTTGAAATCAGCCTGTAGAG