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Supplementary Table S1. List of primers used in this study

Nucleotides shown in bold type indicate added restriction sites used either for cloning or for monitoring directed mutagenesis.

Primer	Sequence (5'–3')	Restriction site
Spa40-1	CG GAATTC GATCCTGCCAATGGTGTT	<i>EcoRI</i>
Spa40-2	TGAG TCGACA ATTGTCGGTTACGCCATG	<i>HincII</i>
Spa40-3	G CGAATTC AGATTTGCTCCGCAGATGAA	<i>EcoRI</i>
Spa40-4	GGG AAGCTT TACTTATTAATGAGTGTTTTCAACC	<i>HindIII</i>
Spa40-5	TATATAGAGCAAG AATTC CACTTTGAGACAAAG	<i>EcoRI</i>
Spa40-6	CTTTGTCTCAAAGTG GAATTC TGCTCTATATA	<i>EcoRI</i>
Spa40-7	GAAACTAACCAGTGTGT GCTAGCT GTGAGAAAATATGC	<i>NheI</i>
Spa40-8	GCATATTTTCTGACAG CTAGC ACACACTGGTTAGTTTC	<i>NheI</i>
Spa40-9	TTAGCTAGAAA AGCTT ATAAAACACAT	<i>HindIII</i>
Spa40-10	ATGTGTTTTATA AGCTT TTCTAGCTAA	<i>HindIII</i>
Spa40-11	TACAAAATATAGT TTTAAAG AGATTTTGAACACTTGG	<i>DraI</i>
Spa40-12	CCAAGTGTTCAAAATC TTTAA AACTATATTTTATA	<i>DraI</i>
Spa40-13	AAATTAGTGGTAATGATTGCAATTGGTATTTATTTTAATC	
Spa40-14	TAACCAATTGCAATCATTACCACTAATTTTGAATTACG	
Spa40-15	GGATCC GATAAACAGGAGATAAAAAGAGA	<i>BamHI</i>
Spa40-16	GTCGAC CATCTCCTTTACTTATTAATGAGTGTT	<i>SalI</i>
Spa40-17	GCAATATGAGTC GAATTC ATTATCACTA	<i>EcoRI</i>
Spa40-18	ATGGG ATCC ACTCATATTGCAATTGGT	<i>BamHI</i>
Spa40-19	TGACCC GGG TTATATCCTTATTGCTAAAGAAA	<i>SmaI</i>

Primer	Sequence (5'–3')	Restriction site
Spa40-20	TTAGGATCCAAACTATATAAAACACAT	<i>Bam</i> HI
Spa33.1	CGCGGATCCCTAAGAATTAAACATTTTGACGC	<i>Bam</i> HI
Spa33As	GGCCTCGAGGAGATTACTCCTTTACCATCC	<i>Xho</i> I
MxiA6	AACTGCAGGGCGCTTTGGGCTCCCAGA	<i>Pst</i> I
MxiA2	CGGGGTACCATGGAGGACAACCAATCGTGA	<i>Kpn</i> I