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By: Anne Botteaux, Christian A. Kayath, Anne-Laure Page, Nouredine Jouihri, Musa Sani, Egbert Boekema, Latéfa Biskri, Claude Parsot and Abdelmounaïm Allaoui

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 AATTGTCGGTTACGCCATG	<i>HincII</i>
Spa40-3	G CGAATTC AGATTTGCTCCGCAGATGAA	<i>EcoRI</i>
Spa40-4	GG GAAGCTT TACTTATTAATGAGTGTTTTCAACC	<i>HindIII</i>
Spa40-5	TATATAGAGCA AGAATTC CACTTTGAGACAAAG	<i>EcoRI</i>
Spa40-6	CTTTGTCTCAAAGT GGAATTCT TGCTCTATATA	<i>EcoRI</i>
Spa40-7	GAAACTAACCAGTGTGT GCTAGCT GTCAGAAAATATGC	<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	TACAAAATATAG TTTAAAG AGATTTTGAACACTTGG	<i>DraI</i>
Spa40-12	CCAAGTGTTCAA AAATCTTTAA AACTATATTTTATA	<i>DraI</i>
Spa40-13	AAATTAGTGGTAATGATTGCAATTGGTATTTATTTAATC	
Spa40-14	TAACCAATTGCAATCATTACCACTAATTTTGAATTACG	
Spa40-15	GGATCC GATAAACAGGAGATAAAAAGAGA	<i>BamHI</i>
Spa40-16	GTCGAC CATCTCCTTTACTTATTAATGAGTGTT	<i>SalI</i>
Spa40-17	GCAATATGAGT CGAATTC ATTATCACTA	<i>EcoRI</i>
Spa40-18	ATGG GATCC ACTCATATTGCAATTGGT	<i>BamHI</i>
Spa40-19	TGAC CCGGG TTATATCCTTATTGCTAAAGAAA	<i>SmaI</i>

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