

Supplementary Table 1:

Primers (oligonucleotides) used in this study:

Oligo nucleotide name	Sequence 5'=>3'
defsmko1	AGTCTAGAATCCGAGGAGTCGTCGTCGGAACCCA
Defsmko2	TGTGCAGTACTGGGTCTCCGACAATG
Defsmko3	CAAGAAGGCCGTCAAACGCAACGGC
Defsmko4	ATGCGGCCGCCACGAACTGCGCATCGATGTTCCGGC
Defsmko5	GCATTGTCGGAGACCCAGTACTGCACACAAGAAGGCCGTCAAACG
defKOchqD	GACCTCGACCGGCACCTTGCGTTTCG
defKOchqU	CTCGGACGTCTTGGTGGGTGTGGTC
defSmU	TCAGATCAGAGTCGTCACCGGATTG
defSmD	AGCTCAGACATCAGGCACCTCGGC
fmt smg_R_xbal	TCTAGAGCGGACGTTTGC GCGGCGGG
fmt smg_BamHI	GGATCCGCTGTCGCTCGGCTCGTCCT