

Supplementary Table S1 Primer and synthetic DNA sequences for construction of reporter vectors.

	Target	Template	Sequence
Inverse PCR	Δ -11/+42	pCpGf-WT	F 5' - CCGCCCCGAGACTATAAAGAGGGCAGG - 3' R 5' - TATAGTCTCGGGCGGAGTGCAGAGC - 3'
	Δ MREabc	pCpGf-WT	F 5' - AAGCTTGAAAAGTGCCTCGGCTCTG - 3' R 5' - GCACTTTTCAAGCTTTGCATGCTAC - 3'
	Δ MREde	pCpGf-WT	F 5' - CAAAGCTTTGCACACTGGCGCTCCAG - 3' R 5' - GTGTGCAAAGCTTTGCATGCTACTA - 3'
	m14 CG→CC	pCpGf- m15-21	F 5' - GCACTCAGCCCCGAAAAGTGCCTCGG - 3' R 5' - TTTCCGGGCTGAGTGCAGAGCTCCCTG - 3'
	m15 CG→CC	pCpGf-WT	F 5' - CACTGGCCCTCCAGGAGCTCTGCAC - 3' R 5' - CCTGGAGGGCCAGTGTGCACAGCGGG - 3'
	m8 CG→CC	pCpGf-WT	F 5' - GCGGGGCCGTGACTATGCGTGGGCT - 3' R 5' - GTCACGGGCCCGCGTCCTTGGCAG - 3'
	Synthetic DNA fragment	m15-21	
m1-12			5' - TGGCCTCGGCGGCCAAGCTTGATAGGCCGTAATATCGGGGAAAGCACTAT AGGGACATGATGTTCCACACGTACATGGGTCTCTATCCGAGCCAGTCTGCT GCCAAAGGGGCGGTCCCCCTGTGCACACTGGCGCTCCAGGGAGCTCTGCACT CCGCCCCGAAAAGTGCACACTCAGCTCTGCCAAGGAGGGGGGCCCTGACTATG CCTGGGCTGGAGCAACCCCTGCTGGGTGCAAACCCTTTGCACCCAGACTCC TCCAACCACTATAAAGAGGGCAGGCTGTCTCTAAGCCATGGAAGATGCCAA AACATT - 3'

F: forward primer, R: reverse primer. To construct pCpGf-m14-21, CpG14 in pCpGf-m15-21 was mutated by inverse PCR. Mutated CpG dinucleotides are underlined.