

Supplemental Table I PCR primers utilised in this study for MR N-terminus and internal deletion fragments.

Primer name	Direction	Sequence
MR 1-82	Forward	TTATAG <u>TCGAC</u> GCATGGAGACCAAAGGCTAC
MR 1-82	Reverse	TATAA <u>AGCTT</u> CACCCAGGCCGATTATTGT
MR 1-192	Forward	TTATAG <u>TCGAC</u> GCATGGAGACCAAAGGCTAC
MR 1-192	Reverse	TATAA <u>AGCTT</u> CAAGGGCTGCAAACAGAC
MR 1-300	Forward	TTATAG <u>TCGAC</u> GCATGGAGACCAAAGGCTAC
MR 1-300	Reverse	TATAA <u>AGCTT</u> CAAGGGCTAGACACAGA
MR 1-393	Forward	TTATAG <u>TCGAC</u> GCATGGAGACCAAAGGCTAC
MR 1-393	Reverse	TATAA <u>AGCTT</u> CAATTAAGCTGGCCAGTC
MR 1-500	Forward	TTATAG <u>TCGAC</u> GCATGGAGACCAAAGGCTAC
MR 1-500	Reverse	TATAA <u>AGCTT</u> CAGCTCCCGTCATCTGG
MR 201-597	Forward	TTA TAG <u>TCG ACG</u> C AC ATC TTC GGT TTG CAG C
MR 201-597	Reverse	TAT <u>AAA GCT TCA</u> TTG GTC TCT AGC CGA TCG

MR 307-597	Forward	TTA TAG <u>TCG ACG</u> C AG GTG CTC TGT TTC CAG C
MR 307-597	Reverse	TAT <u>AAA GCT TCA</u> TTG GTC TCT AGC CGA TCG
MR 403-597	Forward	TTA TAG <u>TCG ACG</u> C GA TGG AGC TTT TAG CAG C
MR 403-597	Reverse	TAT <u>AAA GCT TCA</u> TTG GTC TCT AGC CGA TCG
MR 351-597	Forward	TTA TAG <u>TCG ACG</u> C GG ATC CAG TAC ATT GCG G
MR 351-597	Reverse	TAT <u>AAA GCT TCA</u> TTG GTC TCT AGC CGA TCG
MR (1-510) +(535-597)	Forward	CAGAGGCCAGCATCCCTTCCTTATCACGATCGGCTAG
MR (1-510) +(535-597)	Reverse	CTAGCCGATCGAGATAAGGAAGGGATGCTGGCCTCTG
MR (1-327)+ (382-597)	Forward	CGCTTTCCAGTCCGGCAGCCAGTGCCATCTCAAATGGTGTG
MR (1-327)+ (382-597)	Reverse	CACACCATTTGAGATGGCACTGGCTGCCGGACTGGAAAGCG
MR (1-535) + (562-597)	Forward	GTGCTCAAGGTACAATATCTTTATCACACGGCGACCTGTCGTC
MR (1-535) + (562-597)	Reverse	GACGACAGGTCGCCGTGTGATAAAGATATTTGTACCTTGAGCAC
MR (1-381) +(510-597)	Forward	CTAAGACTGAGGAAGTAGAGTCTGCTATTGTTGGGGTGAATTCAG
MR (1-381) +(510-597)	Reverse	CTGAATTCACCCCAACAATAGCAGACTCTACTTCCTCAGTCTTAG

MR (1-350) +(543-597)	Forward	GCTACACTGCTTCTGGCACCTCTGCTTCTTTCCAACACCTGAGTTCCT
MR (1-350) +(543-597)	Reverse	AGGAACTCAGGTGTTGGAAAGAAGCAGAGGTGCCAGAAGCAGTGTAGC
MR (1-327) +(511-597)	Forward	CGCTTTCCAGTCCGGCAGCCTCTGCTATTGGGGTGAATTCAG
MR (1-327) +(511-597)	Reverse	CTGAATTCACCCAACAATAGCAGAGGCTGCCGGACTGGAAAGCG
MR (1-381)+(510-597)	Forward	CTAAGACTGAGGAAGTAGAGTCACACGGCGACCTGTCGTC
MR (1-381) +(510-597)	Reverse	GACGACAGGTCGCCGTGTGACTCTACTTCCTCAGTCTTAG