

Helicobacter pylori CagA induces tumor suppressor gene hypermethylation by upregulating DNMT1 via AKT-NFκB pathway in gastric cancer development

Supplementary Materials

Supplementary Table S1: Primer sequences used in the present study

GeneSequence5,-3,	
GAPDH-F	CTCTGCTCCTCCTGTTTCGAC
GAPDH-R	TTAAAAGCAGCCCTGGTGAC
CagA-F	GATAACAGGCAAGCTTTTGAGG
CagA-R	CTGCAAAAAGATTGTTTGGCAGA
Dnmt1-F	TACCTGGACGACCCTGACCTC
Dnmt1-R	CGTTGGCATCAAAGATGGACA
Dnmt3a-F	TATTGATGAGCGCACAAAGAGAGC
Dnmt3a-R	GGGTGTTCCAGGGTAACATTGAG
Dnmt3b-F	GGCAAGTTCTCCGAGGTCTCTG
Dnmt3b-R	TGGTACATGGCTTTTCGATAGGA
MGMT-F	ATGGACAAGGATTGTGAAATG
MGMT-R	GAAAACGGGATGGTGAAGAGC
MGMT-u-F	GTGTAGTTGTTTTGAGTAGGATTGG
MGMT-u-R	ACCTTAATTTACCAAATAACCCATA
MGMT-m-F	CGTAGTCGTTTCGAGTAGGATC
MGMT-m-R	ACCTTAATTTACCAAATAACCCGTA
P16-u-F	TTATTCGCGGGTGGGGTGTT
P16-u-R	CAACCCCAAACCACAACCAA
P16-m-F	TTATTAGAGGGTGGGGCGC
P16-m-R	GACCCCGAACCGCGACCGA
hmlH1-u-F	GTGTTTTGATGTTTGTAGGT
hmlH1-u-R	TCCACACTCTTCCAAAAACA
hmlH1-m-F	TTTCGATTTCGTAGGTTCCGCC
hmlH1-m-R	GCACTCTTCCGAAAACGAAG
PTEN-u-F	GAGAGATGGTGGTGGTTGT
PTEN-u-R	AACTCCCCAAAACACTACC
PTEN-m-F	GGCGGCGGTCGCGGTTTC
PTEN-m-R	GACTCCCCGAAAACGCTAC
DNMT1-WT-F	TGAGGGGCTTTTCTATCCTGT
DNMT1-WT-R	TTCAGGTGCTGCCCTGTTTC
DNMT1-MT1-F	ATGACCCCGAAAGGAATCCTGTTGTCGAACTGCTGGTTACACACACACACA
DNMT1-MT1-R	GTTTCGACAACAGGATTCTTTTCGGGGTCATTCCAGCAACAAAATTTTTTTG
DNMT1-MT2-F	GGGGAGTCCCCCAAGGGAAACAGGGCAGCACCTGAATTCTGGAGGTCC
DNMT1-MT2-R	TGCCCTGTTCCCTTGGGGGACTCCCCGTGAGGTCACTCTTTCTGACC