

Supplementary material to:

OVEREXPRESSION OF miRNA-145 INDUCES APOPTOSIS AND PREVENTS PROLIFERATION AND MIGRATION OF MKN-45 GASTRIC CANCER CELLS

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<http://dx.doi.org/10.17179/excli2020-2777>

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Supplementary Table 1: Specifications of the primers used for qRT-PCR

Genes		Sequence((5' 3')	Product Size
miR-145	Target sequence	GUCCAGUUUUUCCCAGGAAUCCCU	23bp
miR-103	Target sequence	GGCUUCUUUACAGUGCUGCCUUG	23bp
K-Ras	Forward	CTCCCTGTGTCAGACTGCTCTTT	154 bp
	Reverse	GGCCTTGCAACCTTGGTCTCTTC	
C-Myc	Forward	AGGCTCTCCTTGCAGCTGCT	163 bp
	Reverse	AAGTTCTCCTCCTCGTCGCA	
Caspase-3	Forward	GGCGCTCTGGTTTTCGTTAAT	120 bp
	Reverse	CCAGAGTCCATTGATTCGCT	
Caspase-9	Forward	GCAGGCTCTGGATCTCGGC	152 bp
	Reverse	GCTGCTTGCCTGTTAGTTCGC	
Bax	Forward	TTTGCTTCAGGGTTTCATCCA	151 bp
	Reverse	CTCCATGTTACTGTCCAGTTCGT	
Bcl-2	Forward	GAGTTCGGTGGGGTCATGTG	139 bp
	Reverse	CACCTACCCAGCCTCCGTTA	
MMP-9	Forward	GGTTCTTCTGCGCTACTGCTG	187 bp
	Reverse	GTCGTAGGGCTGCTGGAAGG	
β-actin	Forward	TCCCTGGAGAAGAGCTACG3	131 bp
	Reverse	GTAGTTTCGTGGATGCCACA	

Note: qRT -PCR, quantitative real-time polymerase chain reaction