

Supplementary table 1. Primer sequences in study

Gene Symbol	Direction	Sequence (5' – 3')
GAPDH	F	TGACAACAGCCTCAAGAT
	R	GAGTCCTTCCACGATACC
AHNAK	F	GTGGGTGCCACCATCTACTT
	R	GGTGGAGACTGAAACTGCCC
CDH1	F	CAGGCCTCCGTTTCTGGAAT
	R	GGTGTATACAGCCTCCCACG
CDH2	F	TGCGGTACAGTGTAAGTGGG
	R	TGCGGTACAGTGTAAGTGGG
SNAI1	F	GAGGACAGTGGGAAAGGCTC
	R	TGGCTTCGGATGTGCATCTT
CTNNB-1	F	AGCTTCCAGACACGCTATCAT
	R	CGGTACAACGAGCTGTTTCTAC
EGFR	F	TTGCCGCAAAGTGTGTAACG
	R	AGGGAACAGGAAATATGTCGAA
COL1A1	F	GGGCCAGTCGTCGGAG
	R	TGGGATGTCTTCGTCTTGGC
APAC1	F	TACAAAGCACAGTGGGGAAGT
	R	GGGTGGGCTGCAAGATACTC
BBC3	F	CTCGGTGCTCCTTCACTCTG
	R	CTCACAAGCAGGGCTCACAG
BTG2	F	CCCTGAGCTGGACTGTTGAG
	R	TTGTCTGAGTGCAAGTGAGGA
PRKCA	F	CACGAGGTGAAGGACCACAA
	R	CCGTGAGTTTCACTCGGTCA
TNF	F	CACAGTGAAGTGCTGGCAAC
	R	ACATTGGGTCCCCCAGGATA
TNFRSF10B	F	GTCCACAAAGAATCAGGCATCA
	R	CCAGGTCGTTGTGAGCTTCT

TP53

F

GAGACCTGTGGGAAGCGAAA

R

CTGGCATTCTGGGAGCTTCA

---