



**Supplementary Figure 1: Invasiveness and migratory ability of MGC803 cells after treatment with Huaier.** (A) The invasiveness of MGC803 cells after treatment with Huaier at different concentrations was evaluated in Transwell assays at 24 h. (B) The migration ability of MGC803 cells after treatment with Huaier at 0.5mg/ml was evaluated with wound healing assay. (※ represents  $p < 0.05$ )

## Supporting Tables

Table S1. Sequence of the oligonucleotides for real-time PCR

Assays		Sequence (5' → 3')	Amplicon (bp)	
Real-time PCR	<i>Twist</i>	F	GGGAGTCCGCAGTCTTACGA	277
		R	AGACCGAGAAGGCGTAGCTG	
	<i>Snail</i>	F	CTTCCAGCAGCCCTACGAC	71
		R	CGGTGGGGTTGAGGATCT	
	<i>Goosecoid</i>	F	TCTCAACCAGCTGCACTGTC	182
		R	GGCGGTTCTTAAACCAGACC	
	<i>Zeb1</i>	F	AGCAGTGAAAGAGAAGGG	229
		R	GGTCTCTTCAGGTGCCT	
	<i>Zeb2</i>	F	CAAGAGGCGCAAACAAGC	128
		R	GGTTGGCAATACCGTCAT	
	<i>FOXC1</i>	F	ACATGTTGTAGGAGTCCGGG	147
		R	CCTTCTACCGGGACAACAAG	
	<i>FOXC2</i>	F	GCCTAAGGACCTGGTGAAGC	198
		R	TTGACGAAGCACTCGTTGAG	
	<i>slug</i>	F	TGGTTGCTTCAAGGACACAT	66
		R	GTTGCAGTGAGGGCAAGAA	
	<i>E-cadherin</i>	F	GAATGACAACAAGCCCGAAT	88
		R	GACCTCCATCACAGAGGTTCC	
	<i>N-cadherin</i>	F	GGTGGAGGAGAAGAAGACCAG	71
		R	GCATCAGGCTCCACAGT	
	<i>Vimentin</i>	F	GAGAACTTTGCCGTTGAAGC	163
		R	GCTTCCTGTAGGTGGCAATC	
		R	GGTCATCACCGTTGGCTCA	
	<i>GAPDH</i>	F	AGGTCCACCACTGACACGTT	307
		R	GCCTCAAGATCATCAGCAAT	