

Supplementary Table 1

Primers for pFUIGW-Twist construction and real-time PCR

	Forward Primers (5'-3')	Reverse Primers (5'-3')
pFUIGW-Twist1	<u>cgggatcc</u> ATGATGCAGGACGTGTCCAGCTC	<u>ggaattc</u> CTAGTGGGACGCGGACATGGAC
Twist-1	ggcatcactatggactttctctatt	ggccagttgatcccagtatt
Vimentin	gttcccctaaaccgctagg	agcgagagtggcagagga
Slug	tggttgcttcaaggacacat	gttgcagtgagggcaagaa
Foxc2	ggggacctgaaccacctc	aacatctcccgcacgttg
TGFbeta3	aagaagcgggctttggac	cgcacacagcagttctcc
KRT19	gccactactacagaccatcc	caaacttggtcgaagtcac
KRT7	ctgaggctgaagcctggta	gggtattccggaggtcgt
GAPDH	ctctgctcctctgttcgac	acgaccaaaccggtgactc

Supplemental Table 2. Genes expression profile of EMT array

Genes Up-regulated during EMT	<i>CALD1, COL1A2, COL3A1, COL5A2, FOCX2, GSC, MMP2, MMP9, SNAI2, SNAI3, SOX10, SPARC, TCF4, TIMP1, TWIST1, VIM</i>
Genes Down-regulated during EMT	<i>CAV2, DSP, FGFBP1, KRT19, MITF, MST1R, NUDT13, PPPDE2, TFPI2, TSPAN13</i>
Genes related with Differentiation & Development	<i>AKT1, DSP, F11R, JAG1, MITF, MST1R, NOTCH1, SMAD2, BMP7, COL3A1, COL5A2, CTNNB1, ERBB3, FOXC2, FZD7, GSC, KRT14, NODAL, SNAI2, SOX10, TGFB2, TGFB3, TWIST1, WNT11</i>
Genes related with Migration & Motility	<i>CAV2, EGFR, ITGB1, JAG1, MST1R, RAC1, STAT3, CALD1, NODAL, PDGFRB, TGFB1, VIM</i>
Genes related with Extracellular Matrix & Cell adhesion	<i>DSC2, EGFR, F11R, ILK, ITGB1, PTK2, RAC1, BMP7, COL1A2, COL3A1, COL5A2, CTNNB1, ERBB3, FOXC2, MMP2, MMP9, TGFB1, TGFB2, TIMP1</i>