

Supplementary Material

Table S1. Transcripts of genes associated with the EMT process, differentiating the endometrial cancer tissue samples G1-G3 in comparison to a control (p<0.05)

Groups compared	ID	mRNA	FC	Expression
G1 vs C	220407_s_at	<i>TGFβ2</i>	-4.71	Decreased
	205990_s_at	<i>WNT5A</i>	-3.98	Decreased
	218902_at	<i>NOTCH1</i>	-7.77	Decreased
	221633_at	<i>NCAPH2</i>	-2.85	Decreased
	221636_s_at	<i>MARC2</i>	-2.99	Decreased
	221613_s_at	<i>ZFAND6</i>	+3.04	Increased
	221627_at	<i>TRIM10</i>	+2.74	Increased
	221640_s_at	<i>PIDD1</i>	+1.66	Increased
	206213_at	<i>WNT10B</i>	-2.01	Decreased
	206226_at	<i>HRG</i>	-2.01	Decreased
	206943_at	<i>TGFBR1</i>	-2.11	Decreased
	207035_at	<i>SLC30A3</i>	+1.85	Increased
G2 vs C	207005_s_at	<i>BCL2L</i>	+5.04	Increased
	202935_s_at	<i>SOX9</i>	-3.11	Decreased
	203304_at	<i>BAMBI</i>	+3.66	Increased
	202527_s_at	<i>SMAD4</i>	+3.01	Increased
	213532_at	<i>ADAM17</i>	+2.66	Increased
	213563_s_at	<i>TUBGCP2</i>	-4.58	Decreased
	213586_at	<i>CDKN2D</i>	-3.66	Decreased
	206067_s_at	<i>WT1</i>	+2.01	Increased
	207595_s_at	<i>BMP1</i>	+1.58	Increased
G3 vs C	AFFX-HUMISGF3A/M97935_5_at	<i>STAT1</i>	+4.01	Increased
	213917_at	<i>PAX8</i>	-2.05	Decreased
G1, G2 vs C	201983_s_at	<i>EGFR</i>	-1.85	Decreased
	201984_s_at	<i>EGFR</i>	-1.45	Decreased
	202019_s_at	<i>LANCL1</i>	+2.00	Increased
	202020_s_at	<i>LANCL1</i>	+2.03	Increased
G1, G3 vs C	203085_s_at	<i>TGFβ1</i>	-4.89	Decreased
	204731_at	<i>TGFBR3</i>	+2.44	Increased
G2, G3 vs C	202310_s_at	<i>COL1A1</i>	-2.11	Decreased
	202311_s_at	<i>COL1A1</i>	-1.98	Decreased
	202312_s_at	<i>COL1A1</i>	-2.07	Decreased
G1,G2,G3 vs C	214630_at	<i>CYP11B2</i>	+2.55	Increased
	205174_s_at	<i>QPCT</i>	-3.54	Decreased
	205199_at	<i>CA9</i>	-2.11	Decreased

C, control; G, grade of endometrial cancer; FC- fold change

Table S2. Transcripts of genes associated with the EMT process, differentiating the whole blood samples from patients with endometrial cancer G1-G3 in comparison to a control (p<0.05)

Groups compared	ID	mRNA	FC	Expression
G1 vs C	220407_s_at	<i>TGFβ2</i>	-4.71	Decreased
	205990_s_at	<i>WNT5A</i>	-3.98	Decreased
	218902_at	<i>NOTCH1</i>	-7.77	Decreased
	204147_s_at	<i>TFDP1</i>	+3.69	Increased
	204158_s_at	<i>TCIRG1</i>	-2.69	Decreased
	204159_at	<i>CDKN2C</i>	+4.01	Increased
	204194_at	<i>BACH1</i>	-2.09	Decreased
	207309_at	<i>NOS1</i>	-2.54	Decreased
	207310_s_at	<i>NOS1</i>	-2.77	Decreased
	207328_at	<i>ALOX15</i>	+1.98	Increased
	208211_s_at	<i>ALK</i>	-1.57	Decreased
	208212_s_at	<i>ALK</i>	-1.69	Decreased
	208218_s_at	<i>ACVR1B</i>	-2.01	Increased
	207005_s_at	<i>BCL2L</i>	+5.04	Increased
	202935_s_at	<i>SOX9</i>	-3.11	Decreased
G2 vs C	203304_at	<i>BAMBI</i>	+3.66	Increased
	202527_s_at	<i>SMAD4</i>	+3.01	Increased
	208226_x_at	<i>ADAM22</i>	+2.98	Increased
	208268_at	<i>ADAM28</i>	+3.44	Increased
	215119_at	<i>MYO16</i>	+2.01	Increased
	215170_s_at	<i>CEP152</i>	-1.44	Decreased
	215209_at	<i>SEC24D</i>	-2.65	Decreased
	215512_at	<i>MARCH6</i>	+2.11	Increased
G3 vs C	AFFX-HUMISGF3A/M97935_5_at	<i>STAT1</i>	+4.01	Increased
	207012_at	<i>MMP16</i>	+2.98	Increased
	207013_s_at	<i>MMP16</i>	+3.04	Increased
G1, G3 vs C	203085_s_at	<i>TGFβ1</i>	-4.89	Decreased
	209591_s_at	<i>BMP7</i>	-2.74	Decreased
G2, G3 vs C	210118_s_at	<i>IL1A</i>	+3.69	Increased
G1,G2,G3 vs C	203567_s_at	<i>TRIM38</i>	+2.74	Increased
	203568_s_at	<i>TRIM38</i>	+1.66	Increased
	210735_s_at	<i>CA12</i>	-1.44	Decreased

C, control; G, grade of endometrial cancer; FC- fold change