

**Supplemental Table A: Antibodies used in this study**

<b>Peptide/protein target</b>	<b>Name of Antibody</b>	<b>Manufacturer, catalog #,</b>	<b>Species raised in; monoclonal or polyclonal</b>	<b>Dilution used</b>
alpha smooth muscle actin	$\alpha$ SMA	Abcam, ab5694	Rabbit, polyclonal	200
Cysteine-rich angiogenic inducer 61	Cyr61/CCN1	Novus Biologicals NB100-356	Rabbit, polyclonal	100
C-C Motif Chemokine Receptor 7	CCR7	Abcam, ab103404	Rabbit, polyclonal	200
mannose receptor	CD206	Abcam, ab64693	rabbit, polyclonal	200
Platelet endothelial cell adhesion molecule	PECAM-1/CD31	Abcam, ab28364	rabbit, polyclonal	200
Cluster of Differentiation 68	CD68	Abcam, ab955	Rabbit, polyclonal	200
Cytokeratin 11	CK11	Developmental Studies Hybridoma Bank, TROMA-I-s	Rat, monoclonal	50
Estrogen Receptor-a	ER $\alpha$	Novocastra, NCL-L-ER 6F11	mouse, monoclonal	200
EGF-like module-containing mucin-like hormone receptor-like 1	EMR1/F4/80	eBioscience,12-4801	Rat, monoclonal	300
Forkhead box P3	FoxP3	ab20034	mouse, monoclonal	10 ug/ml
Heart And Neural Crest Derivatives Expressed 2	HAND2/dHand	Santa Cruz, sc-9409 (m-19)	goat, polyclonal	200
ki67	KI67	BD Pharmingen, 550609	mouse, monoclonal	250
Progesterone Receptor	PR	Dako, A0098	rabbit, polyclonal	100
RAR-related orphan receptor gamma	ROR $\gamma$ (t),	eBioscience, 14-6988	Rat, monoclonal	5 ug/ml
Vimentin	VIM	Cell Signaling, 5714S		
Alexa Fluor <sup>®</sup> 488 AffiniPure Donkey Anti-Rabbit IgG (H+L)		Jackson ImmunoResearch Laboratories, 711-545-152;	Donkey ,polyclonal	200
Rhodamine Red <sup>™</sup> -X (RRX) AffiniPure Donkey Anti-Mouse IgG (H+L)		Jackson ImmunoResearch Laboratories, 715-295-150	Donkey ,polyclonal	200

**Supplemental Table B: Primers Used for qPCR Analyses**

Gene	Sequence	Amplicon Size (bp)
<i>Esr1</i>	For: CCTCCCGCCTTCTACAGGT Rev: CACACGGCACAGTAGCGAG	128
<i>Pgr</i>	For: CTCGGACGTGTCGTCTGTAG Rev: CCTGTCTTTCCGTCTGGGAG	102
<i>Hand2</i>	For: CATAATGGGAGTGGTCCAG Rev: TACTTCCACGGCTGGCTTAT	118
<i>Hoxa10</i>	For: GGAAGCATGGACATTCAGGT Rev: CCAGGCAAGCAAGACCTTAG	182
<i>Ccl2</i>	For: TTAAAAACCTGGATCGGAACCAA Rev: GCATTAGCTTCAGATTTACGGGT	121
<i>Ccl5</i>	For: GCTGCTTTGCCTACCTCTCC Rev: TCGAGTGACAAACACGACTGC	104
<i>Il1b</i>	For: GCAACTGTTCTGAACCTCAACT Rev: ATCTTTTGGGGTCCGTCAACT	89
<i>Il6</i>	For: TAGTCCTTCTACCCCAATTTCC Rev: TTGGTCCTTAGCCACTCCTTC	76
<i>Tnfa</i>	For: CCCTCACACTCAGATCATCTTCT Rev: GCTACGACGTGGGCTACAG	61
<i>Tgfb</i>	For: CCACCTGCAAGACCATCGAC Rev: CTGGCGAGCCTTAGTTTGGAC	91
<i>Ptgs2</i>	For: TGAGCAACTATTCCAAACCAGC Rev: GCACGTAGTCTTCGATCACTATC	74
<i>36B4</i>	For: CATCACCACGAAAATCTCCA Rev: TTGTCAAACACCTGCTGGAT	159

for, forward primer; rev, reverse primer; bp, base pairs.