

Supplementary Table S1 Gene names, gene symbols and TaqMan Assays ID used to determine expression of genes associated angiogenesis, steroidogenesis and PGs synthesis as well as references genes.

Gene name	Gene symbol	TaqMan Assay® ID
Scavenger Receptor Class B, member 1	SCARB1	Ss03391109_m1
Low Density Lipoprotein receptor	LDLR	Ss03374441_u1
Steroidogenic Acute Regulatory Protein	STAR	Ss03381250_u1
Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1	HSD3B1	Ss03391752_m1
Cytochrome P450, family 11, subfamily A, polypeptide 1	CYP11A1	Ss03384849_u1
Cytochrome P450 17A1	CYP17A1	Ss03394945_m1
Cytochrome P450 19A1	CYP19A1	Ss03384876_u1
Ying yang 1	YY1	AJFAR6A
Progesterone receptor	PGR	Ss03374440_m1
Progesterone Receptor Membrane Component 1	PGRMC1	Ss03392695_u1
Progesterone Receptor Membrane Component 2	PGRMC2	Ss03388999_m1
Hydroxysteroid (17-beta) dehydrogenase 1	HSD17B1	Ss04245959_g1
Nuclear Receptor subfamily 5, group A, member 1	NR5A1 (SF1)	Ss03394294_m1
Androgen Receptor	NR3C4 (AR)	Ss03822350_s1
Estrogen Receptor 1	ESR1	Ss03383398_u1
Estrogen Receptor 2	ESR2	Ss03391479_m1
Luteinizing hormone/Choriogonadotropin receptor	LHCGR	Ss03384991_u1
Vascular Endothelial Growth Factor	VEGFA	Ss03393993_m1
Kinase Insert Domain Receptor	KDR	Ss03375683_u1
Fms-related Tyrosine Kinase 1	FLT1	Ss03375679_u1
Hypoxia inducible factor 1, alpha subunit	HIF1A	Ss03390447_m1
Endothelin 1	EDN1	Ss03392453_m1
Fibroblast Growth Factor 2	FGF2	Ss03375809_u1
Fibroblast Growth Factor 2 Receptor	FGFR2	Ss03389140_m1
Angiopoietin 1	ANGPT1	Ss03391079_m1
Angiopoietin 2	ANGPT2	Ss03392362_m1
Receptor Tyrosine Kinase	TIE2	Ss03373579_g1
Pentraxin 3	PTX3	Ss04328596_g1
Prostaglandin E Synthase	PTGES	Ss03392129_m1
Prostaglandin F Synthase	PTGFS	NM_001038626
Prostaglandin E Receptor 2 subtype	PTGER2	Ss03374177_g1
Prostaglandin E Receptor 4 subtype	PTGER4	Ss03377412_u1
Prostaglandin F Receptor	PTGFR	Ss03393819_s1
Cyclooxygenase 2	PTGS2	Ss03394695_g1
Carbonyl Reductase 1	CBR1	Ss03382399_u1
Hydroxyprostaglandin Dehydrogenase 15-(NAD)	HPGD	Ss04247381_m1
Nuclear Factor of kappa light polypeptide gene enhancer in B-cells 1	NFKB1	Ss03388579_m1
Nuclear Factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	NFKBIA	Ss03391764_m1
Beta-actin	ACTB	Ss03376081_u1
Hypoxanthine Phosphoribosyltransferase 1	HPRT	Ss03388274_m1
Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	Ss03375435_u1