

NSC Number	Common Name	Pearson	p-value			
635132		0.59	6.10E-05			
679102		0.588	7.20E-06			
153175		0.559	2.20E-04			
625354		0.557	2.80E-04			
623180		0.543	2.90E-04			
697536		0.54	5.20E-05			
117194		-0.522	1.00E-04			
618332	2,3-dibromonaphthoquinone	0.51	1.30E-04			
7532	Lanatoside A	-0.508	1.40E-04			

GENE	PCC	N CELLS	P VALUE	GENE TITLE
COUPTFII	0.74	51	3.74E-10	Nuclear receptor subfamily 2, group F, member 2
WDR40B	0.65	51	2.41E-07	WD repeat domain 40B
KIAA1277	0.65	51	2.46E-07	DENN/MADD domain containing 2A
RIP140	0.62	51	1.00E-06	Nuclear receptor interacting protein 1
FAS	0.57	51	1.04E-05	Fas (TNF receptor superfamily, member 6)
LAMB1	0.57	51	1.23E-05	Laminin, beta 1
LOC387882	0.56	51	1.62E-05	LOC387882 hypothetical protein
PTHR1	0.56	51	1.92E-05	Parathyroid hormone receptor 1
TCF2	0.56	51	2.3E-05	Transcription factor 2, hepatic; LF-B3; variant hepatic nuclear facto
KIAA0870	0.55	51	2.64E-05	DENN/MADD domain containing 3
PSMC2	0.55	51	3.19E-05	Proteasome (prosome, macropain) 26S subunit, ATPase, 2
COLEC10	0.55	51	3.27E-05	Collectin sub-family member 10 (C-type lectin)
HCFC1R1	0.55	51	3.32E-05	Host cell factor C1 regulator 1 (XPO1 dependent)
MAP17	0.55	51	3.51E-05	PDZK1 interacting protein 1
RRAS2	0.54	51	3.70E-05	Related RAS viral (r-ras) oncogene homolog 2
PDCD10	-0.54	51	3.77E-05	Programmed cell death 10
CLSTN2	0.54	51	4.23E-05	Calsyntenin 2
IQWD1	-0.54	51	4.41E-05	IQ motif and WD repeats 1
GREM1	0.54	51	4.41E-05	Gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis)
EDF1	0.54	51	4.94E-05	Endothelial differentiation-related factor 1
SPTLC2	0.53	51	5.87E-05	Serine palmitoyltransferase, long chain base subunit 2
RGNEF	0.53	51	6.06E-05	Rho-guanine nucleotide exchange factor
CENTA2	0.53	51	6.14E-05	Centaurin, alpha 2
KDEL1	0.53	51	7.03E-05	KDEL (Lys-Asp-Glu-Leu) containing 1
RBMS2	0.52	51	8.25E-05	RNA binding motif, single stranded interacting protein 2
HSF2BP	0.52	51	8.34E-05	Heat shock transcription factor 2 binding protein
TRIM59	0.52	51	0.0001	Tripartite motif-containing 59
TNFSF9	0.52	51	0.000101	Tumor necrosis factor (ligand) superfamily, member 9
QPRT	0.51	51	0.00012	Quinolate phosphoribosyltransferase (nicotinate-nucleotide pyrop
GALNT14	0.51	51	0.000122	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactos
FZD2	0.51	51	0.000123	Frizzled homolog 2 (Drosophila)
PARD3	0.51	51	0.000124	Par-3 partitioning defective 3 homolog (C. elegans)
C10orf47	0.51	51	0.000142	Chromosome 10 open reading frame 47
ARPC1A	-0.51	51	0.000151	Actin related protein 2/3 complex, subunit 1A, 41kDa
COL18A1	0.5	51	0.000165	Collagen, type XVIII, alpha 1
FLJ25323	0.5	51	0.000198	FLJ25323 protein
GPR64	0.49	51	0.000237	G protein-coupled receptor 64
COBRA1	0.49	51	0.00025	Cofactor of BRCA1
SHFM1	-0.49	51	0.000265	Split hand/foot malformation (ectrodactyly) type 1
FGB	0.49	51	0.000276	Fibrinogen beta chain
ANXA4	0.49	51	0.000276	Annexin A4
IL18	0.49	51	0.000284	Interleukin 18 (interferon-gamma-inducing factor)
PIGQ	0.49	51	0.000301	Phosphatidylinositol glycan, class Q
PMPCB	-0.49	51	0.000304	Peptidase (mitochondrial processing) beta
SLC39A4	0.48	51	0.000322	Solute carrier family 39 (zinc transporter), member 4
C16orf34	0.48	51	0.00036	Chromosome 16 open reading frame 34
OSAP	0.48	51	0.000392	Ovary-specific acidic protein
NUP188	-0.47	51	0.000441	Nucleoporin 188kDa
LOC116441	0.47	51	0.000448	Similar to R28379_1
TNFAIP1	-0.47	51	0.000452	Tumor necrosis factor, alpha-induced protein 1 (endothelial)

ABCB1	0.47	51	0.000481	ATP-binding cassette, sub-family B (MDR/TAP), member 1
FLJ20245	0.47	51	0.000514	Hypothetical gene supported by BC027323
TK1	0.46	51	0.000594	Thymidine kinase 1, soluble
RAB5A	-0.46	51	0.000664	RAB5A, member RAS oncogene family
MGC10946	-0.46	51	0.000704	Hypothetical protein MGC10946
FGFBP1	0.46	51	0.000706	Fibroblast growth factor binding protein 1
RBPMS	0.46	51	0.000726	RNA binding protein with multiple splicing
NHS	0.46	51	0.000774	Nance-Horan syndrome (congenital cataracts and dental anomalies)
KIAA1609	0.45	51	0.000808	KIAA1609 protein
TUBA6	0.45	51	0.000813	Tubulin, alpha 6
DKFZp434K1815	-0.45	51	0.000889	Hypothetical protein DKFZp434K1815
KTN1	0.45	51	0.000911	Kinectin 1 (kinesin receptor)
FY	0.45	51	0.000929	Duffy blood group
TERF1	0.45	51	0.000937	Telomeric repeat binding factor (NIMA-interacting) 1

**Supplemental Table 3.** Nuclear receptor nomenclature.

Common name	Common abbreviation	Official name	
		NRNC*	HUGO <sup>†</sup>
Androgen receptor	AR	NR3C4	AR
Constitutive androstane receptor	CAR	NR1I3	NR1I3
Chicken ovalbumin upstream promoter-transcription factor alpha	COUP-TFI	NR2F1	NR2F1
Chicken ovalbumin upstream promoter-transcription factor beta	COUP-TFII	NR2F2	NR2F2
Dosage-sensitive sex reversal-adrenal hypoplasia congenital critical region on the X chromosome, gene 1	DAX-1	NR0B1	NR0B1
v-erb-a avian erythroblastic leukemia viral oncogene homolog-like 2	EAR2	NR2F6	NR2F6
Estrogen receptor alpha	ER $\alpha$	NR3A1	ESR1
Estrogen receptor beta	ER $\beta$	NR3A2	ESR2
Estrogen-related receptor alpha	ERR $\alpha$	NR3B1	ESRRA
Estrogen-related receptor beta	ERR $\beta$	NR3B2	ESRRB
Estrogen-related receptor gamma	ERR $\gamma$	NR3B3	ESRRG
Farnesoid X receptor alpha	FXR $\alpha$	NR1H4	NR1H4
Farnesoid X receptor beta	FXR $\beta$	NR1H5	NR1H5P
Germ cell nuclear factor	GCNF	NR6A1	NR6A1
Glucocorticoid receptor	GR	NR3C1	NR3C1
Hepatocyte nuclear factor 4 alpha	HNF4 $\alpha$	NR2A1	HNF4A
Hepatocyte nuclear factor 4 gamma	HNF4 $\gamma$	NR2A2	HNF4G
Liver receptor homolog-1	LRH-1	NR5A2	NR5A2
Liver X receptor alpha	LXR $\alpha$	NR1H3	NR1H3
Liver X receptor beta	LXR $\beta$	NR1H2	NR1H2
Mineralocorticoid receptor	MR	NR3C2	NR3C2
Nerve growth factor induced gene B	NGFIB	NR4A1	NR4A1
Neuron-derived orphan receptor 1	NOR1	NR4A3	NR4A3
Nur-related factor 1	NURR1	NR4A2	NR4A2
Photoreceptor cell-specific nuclear receptor	PNR	NR2E3	NR2E3
Peroxisome proliferator-activated receptor alpha	PPAR $\alpha$	NR1C1	PPARA
Peroxisome proliferator-activated receptor beta	PPAR $\delta$	NR1C2	PPARD
Peroxisome proliferator-activated receptor gamma	PPAR $\gamma$	NR1C3	PPARG
Progesterone receptor	PR	NR3C3	PGR
Pregnane X receptor	PXR	NR1I2	NR1I2
Retinoic acid receptor alpha	RAR $\alpha$	NR1B1	RARA
Retinoic acid receptor beta	RAR $\beta$	NR1B2	RARB
Retinoic acid receptor gamma	RAR $\gamma$	NR1B3	RARG
Reverse-erb alpha	REV-ERB $\alpha$	NR1D1	NR1D1
Reverse-erb beta	REV-ERB $\beta$	NR1D2	NR1D2
Retinoic acid-related orphan receptor alpha	ROR $\alpha$	NR1F1	RORA
Retinoic acid-related orphan receptor beta	ROR $\beta$	NR1F2	RORB
Retinoic acid-related orphan receptor gamma	ROR $\gamma$	NR1F3	RORC
Retinoid X receptor alpha	RXR $\alpha$	NR2B1	RXRA
Retinoid X receptor beta	RXR $\beta$	NR2B2	RXRB
Retinoid X receptor gamma	RXR $\gamma$	NR2B3	RXRG
Steroidogenic factor 1	SF1	NR5A1	NR5A1
Small heterodimeric partner	SHP	NR0B2	NR0B2
Tailless homolog orphan receptor	TLX	NR2E1	NR2E1
Testicular orphan receptor 2	TR2	NR2C1	NR2C1
Testicular orphan receptor 4	TR4	NR2C2	NR2C2
Thyroid hormone receptor alpha	TR $\alpha$	NR1A1	THRA
Thyroid hormone receptor beta	TR $\beta$	NR1A2	THRB
Vitamin D receptor	VDR	NR1I1	VDR

\*: Nuclear Receptor Nomenclature Committee; <sup>†</sup>: Human Genome Organization