

Table 5. Top list of the genes (n = 100) displaying the highest differential expression for the C vs. IC profiles in AI, IVF-ET, and SCNT pregnancies

GenBank accession n°	Unigene ID	Bovine gene name	Bovine gene symbol	Human gene symbol	Log Ratio	BH p-value
Top list of the 100 most regulated genes in the [C vs. IC] profiles -AI pregnancies-						
CN441033	Hs.233240	similar to alpha 3 type VI collagen isoform 5 precursor	LOC530657	COL6A3	1.0909E+00	9.8955E-05
CR453977	Hs.639	calbindin 3, (vitamin D-dependent calcium binding protein)	CALB3	S100G	-1.2510E+00	6.4192E-05
CR455921	Bt.62548	similar to Os08g0528700	LOC509824	LOC509824	1.2518E+00	6.1728E-05
NG010008B20G10	Hs.135087	Transcribed locus	0	0	-1.1146E+00	5.9173E-05
CN435991	Hs.213424	secreted frizzled-related protein 1	SFRP1	SFRP1	1.1116E+00	4.7986E-05
AW267007	Hs.591346	connective tissue growth factor	CTGF	CTGF	-9.5174E-01	4.7986E-05
CN433430	Hs.533566	hypothetical LOC511905	LOC511905	H19	1.7038E+00	1.8307E-05
CK845888	Hs.77348	hydroxyprostaglandin dehydrogenase 15-(NAD)	PGDH	HPGD	-1.4004E+00	1.8307E-05
BF043081	Hs.336564	hypothetical LOC618274	LOC618274	SLC16A11	-1.3011E+00	1.8307E-05
CN440346	Hs.371249	pleiotrophin	PTN	PTN	1.3369E+00	1.0039E-04
NM_174641	Hs.77890	guanylate cyclase 1, soluble, beta 3	GUCY1B3	GUCY1B3	-1.0239E+00	1.6243E-04
CR453604	Mm.396893	Transcribed locus	0	Ppm1k	-1.0351E+00	1.8255E-04
BF039448	Mm.213114	Transcribed locus	0	Zkscan1	-1.0069E+00	1.8255E-04
CR453552	Hs.286233	similar to Sperm surface protein Sp17 (Sperm autoantigenic protein 17) (Sperm protein 17) (Sp17-1)	LOC616974	SPA17	-9.5450E-01	2.2815E-04
BF044244	Hs.24553	stimulated by retinoic acid gene 6 homolog	STRA6	STRA6	1.0234E+00	2.8670E-04
CK964970	Hs.144442	similar to Group 10 secretory phospholipase A2 precursor (Group X secretory phospholipase A2) (Phosphatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X)	LOC613966	LOC653768	-1.3248E+00	4.0732E-04
CR456127	Hs.116471	similar to OB-cadherin-1	LOC535363	CDH11	7.6543E-01	4.0732E-04
CR456025	Hs.74471	gap junction protein, alpha 1, 43kDa	GJA1	GJA1	1.1811E+00	4.2098E-04
CN441199	Hs.591446	similar to mucolipin 2	LOC532671	MCOLN2	-1.3525E+00	5.5224E-04
CR455905	Hs.513022	immunoglobulin superfamily containing leucine-rich repeat	ISLR	ISLR	1.0277E+00	5.7756E-04

CN438232	Hs.623905	Transcribed locus	0	DKFZP564O0823	8.2619E-01	5.7756E-04
CN441890	Hs.307835	Transcribed locus, strongly similar to XP_574644.2 similar to phosphoglucomutase 5 [Rattus norvegicus]	0	PGM5	7.4363E-01	5.7756E-04
CN434722	Hs.436944	similar to sprouty-like protein	LOC507095	SPRY1	-6.1266E-01	5.7756E-04
CN435237	Hs.9315	similar to Olfactomedin-like protein 3 precursor (HNOEL-iso) (hOLF44)	MGC140634	OLFML3	9.3794E-01	5.9171E-04
CN438961	Hs.591225	similar to chromosome 13 open reading frame 14	LOC507622	FRY	-9.1199E-01	6.0566E-04
BF440380	Hs.591492	similar to IL-6 receptor alpha chain	LOC507359	IL6R	-9.2635E-01	6.7510E-04
BM362277	Hs.78944	similar to regulator of G-protein signalling 2, 24kDa	MGC140786	RGS2	1.1738E+00	7.1809E-04
CR456031	Hs.465102	similar to Lipase, endothelial	LOC509808	LIPG	8.1345E-01	7.6214E-04
AW464520	Hs.470538	Transcribed locus	0	LRP2	-1.1950E+00	8.0506E-04
CR454408	Hs.647774	Transcribed locus	0	RHOA	7.4033E-01	8.1374E-04
BF042234	Hs.525589	similar to Os08g0528700	LOC509824	MEG3	1.2055E+00	8.6768E-04
BF043148	Hs.63348	similar to emilin	LOC540451	EMILIN1	6.8183E-01	8.7067E-04
CN434170	Hs.111779	secreted protein, acidic, cysteine-rich	SPARC	SPARC	7.2740E-01	8.8014E-04
BM254705	Hs.631975	similar to zinc transporter 5	LOC508169	SLC30A5	-6.4613E-01	9.3023E-04
CN437486	Hs.514292	similar to HOXB8	LOC785855	HOXB8	-9.5610E-01	9.4395E-04
CN438129	Hs.438102	insulin-like growth factor binding protein 2, 36kDa	IGFBP2	IGFBP2	6.3912E-01	9.4395E-04
BF040290	Hs.651131	similar to T-box 2 transcription factor; Tbx2	LOC535982	TBX2	5.4725E-01	9.4395E-04
CR455818	Hs.517937	similar to ALS2 C-terminal like	LOC506969	ALS2CL	-5.7868E-01	9.5245E-04
CR452675	Hs.18676	similar to Sprouty homolog 2 (Spry-2)	MGC139477	SPRY2	-5.7740E-01	1.1501E-03
BF045944	Hs.40499	similar to Dickkopf-1 (hdkk-1)	LOC504445	DKK1	7.1856E-01	1.4245E-03
BF043289	Hs.291000	protein phosphatase 1K (PP2C domain containing)	PPM1K	PPM1K	-6.8326E-01	1.4400E-03
CN438035	Hs.502745	hypothetical LOC521822	MGC142759	FADS2	-5.9334E-01	1.4400E-03
AW289233	Hs.104672	similar to downregulated in ovarian cancer 1	LOC504954	FILIP1L	-7.2438E-01	1.5338E-03
BF045639	Hs.483473	similar to Chromosome 5 open reading frame 5	LOC540987	C5orf5	1.0598E+00	1.5696E-03
CK940257	Hs.49765	similar to very long-chain acyl-CoA synthetase homolog 1; VLCS-H1	LOC537062	SLC27A6	-8.4976E-01	1.5696E-03
BF041512	Hs.97270	family with sequence similarity 13, member A1	FAM13A1	FAM13A1	-6.4112E-01	1.5696E-03
CO880387	Hs.118400	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	FSCN1	FSCN1	6.8978E-01	1.6037E-03
BF046352	Hs.440168	Down syndrome critical region gene 1-like 1	DSCR1L1	DSCR1L1	6.1774E-01	1.6341E-03
CN437988	Hs.430849	similar to KIAA1451 protein	LOC533350	OSBPL8	-7.8323E-01	1.8083E-03

CN440001	Hs.495912	Transcribed locus	0	DMD	-1.0384E+00	1.8277E-03
BF043800	Hs.365706	matrix Gla protein	MGP	MGP	-8.4021E-01	1.8277E-03
AW426525	Hs.252387	Transcribed locus	0	CELSR1	-9.0296E-01	1.8970E-03
CR452782	Hs.125180	Transcribed locus	0	GHR	5.8597E-01	1.9170E-03
CN439877	Hs.435132	Transcribed locus	0	0	6.6835E-01	2.1195E-03
CN434840	Bt.44713	hypothetical LOC617368	LOC617368	LOC617368	-6.2364E-01	2.1689E-03
BU01001X1E09	Hs.360174	snail homolog 2 (Drosophila)	SNAI2	SNAI2	6.1336E-01	2.1689E-03
BF044113	Hs.142074	hypothetical LOC506267	LOC506267	RNF149	-7.5861E-01	2.1776E-03
CN438563	Hs.370359	Transcribed locus	0	NFIB	-9.0501E-01	2.1791E-03
BF043758	Hs.473761	reticulon 3	RTN3	RTN3	-6.7893E-01	2.1791E-03
CR452206	Hs.389137	microfibrillar-associated protein 2	MFAP2	MFAP2	7.2697E-01	2.2274E-03
NM_173879	Hs.30054	coagulation factor V (proaccelerin, labile factor)	F5	F5	-7.2189E-01	2.2274E-03
CN436615	Hs.289795	similar to Fetal brain protein 239 (239FB)	MGC143166	MPPED2	-6.6922E-01	2.2274E-03
AW464762	Bt.4137	similar to Putative lymphocyte G0/G1 switch protein 2	LOC507436	LOC507436	6.6158E-01	2.2762E-03
CR455736	Hs.512235	similar to inositol 1,4,5-trisphosphate receptor type 2	LOC781844	ITPR2	-7.6932E-01	2.2936E-03
CN438716	Hs.193825	protein phosphatase 2 (formerly 2A), regulatory subunit B, beta isoform	PPP2R2B	PPP2R2B	7.4983E-01	2.3404E-03
NM_174653	Hs.369009	solute carrier family 18 (vesicular monoamine), member 2	SLC18A2	SLC18A2	-1.1589E+00	2.3938E-03
BF440410	Bt.40266	similar to KIAA0351	LOC616166	LOC616166	-9.2937E-01	2.4867E-03
CR456332	Hs.441664	transmembrane 4 superfamily member 2	TM4SF2	TSPAN7	8.2669E-01	2.4894E-03
CR551755	Hs.446352	similar to epidermal growth factor receptor type 2	LOC505709	ERBB2	-5.7548E-01	2.5454E-03
TC226667	Hs.155651	hepatocyte nuclear factor 3 beta	HNF-3b	FOXA2	-8.8961E-01	2.6591E-03
CR452945	Hs.652779	collagen, type I, alpha 1	COL1A1	COL1A1	7.8123E-01	2.7311E-03
CN434373	Hs.642735	villin 2	VIL2	VIL2	-6.8707E-01	2.7311E-03
CN438657	Hs.643864	spondin 1, extracellular matrix protein	SPON1	SPON1	6.5928E-01	2.7311E-03
BP240034B20E5	0	0	0	0	-6.0791E-01	2.7311E-03
AW461871	Hs.631975	similar to zinc transporter 5	LOC508169	SLC30A5	-5.9514E-01	2.7311E-03
CN439380	Hs.631988	discoidin domain receptor family, member 1	DDR1	DDR1	-5.2775E-01	2.7311E-03
CR453485	Hs.1227	delta-aminolevulinic acid dehydratase	ALAD	ALAD	-7.8885E-01	2.7538E-03
BM366427	Hs.517581	heme oxygenase (decycling) 1	HMOX1	HMOX1	5.2563E-01	2.7969E-03
CN438141	Hs.405662	cellular retinoic acid binding protein 2	CRABP2	CRABP2	7.4553E-01	2.8548E-03
BF044858	Hs.279529	px19-like protein	PX19	PRELID1	6.2373E-01	2.8548E-03
AW266934	Hs.54457	CD81 molecule	CD81	CD81	4.6248E-01	2.8794E-03

CN438229	Hs.592121	similar to RABEP1 protein	LOC504785	RABEP1	-6.4087E-01	2.9424E-03
BF042149	Hs.594846	Transcribed locus	0	0	6.3190E-01	2.9424E-03
AW463906	Hs.527412	similar to N-acylsphingosine amidohydrolase (acid ceramidase) 1 preproprotein	MGC140781	ASAH1	-5.6194E-01	2.9424E-03
NG010005A10E01	Bt.64621	Transcribed locus	0	0	5.4038E-01	2.9424E-03
BF044250	Hs.458355	complement component 1, s subcomponent	C1S	C1S	6.0204E-01	2.9673E-03
CR452494	Hs.489142	collagen, type I, alpha 2	COL1A2	COL1A2	7.0794E-01	2.9760E-03
BF044010	Hs.296049	microfibrillar-associated protein 4	MFAP4	MFAP4	6.8109E-01	2.9760E-03
AW465622	Hs.5258	similar to melanoma antigen family D, 1	MGC128691	MAGED1	4.1614E-01	3.1734E-03
CN439459	Hs.446240	similar to transcriptional repressor BSR/RACK7/PRKCBP1	LOC506031	ZMYND8	-6.1249E-01	3.2057E-03
CN436316	Hs.646304	spermine synthase	SMS	LOC642590	-7.2776E-01	3.2830E-03
CN438559	Bt.21448	similar to mFLJ00098 protein	LOC528038	LOC528038	-5.8808E-01	3.2830E-03
CN433682	Hs.87385	hypothetical LOC509253	MGC152190	C7orf30	4.4654E-01	3.2830E-03
CN439090	Mm.4913	Transcribed locus	0	Fst	8.6903E-01	3.5330E-03
BP260004000A04	0	0	0	0	-7.7173E-01	3.5330E-03
CR453526	Hs.500842	similar to meningioma-expressed antigen 5	LOC538561	MGEA5	-5.3759E-01	3.5330E-03
CN435450	Hs.592355	glyceraldehyde-3-phosphate dehydrogenase	GAPD	GAPDH	6.4289E-01	3.6155E-03
BP260004000G12	0	0	0	0	7.5101E-01	3.6913E-03
BF042803	Hs.470654	cell division cycle associated 7	CDCA7	CDCA7	-6.4926E-01	3.7639E-03
NM_181003	Hs.315369	aquaporin 4	AQP4	AQP4	-7.4031E-01	3.8808E-03

Top list of the 100 most regulated genes in the [C vs. IC] profiles -IVF-ET pregnancies-

CR452494	Hs.489142	collagen, type I, alpha 2	COL1A2	COL1A2	1.0053E+00	1.1934E-05
CN435991	Hs.213424	secreted frizzled-related protein 1	SFRP1	SFRP1	1.1655E+00	1.4143E-05
CR454408	Hs.647774	Transcribed locus	0	RHOA	1.1399E+00	1.4143E-05
BF043081	Hs.336564	hypothetical LOC618274	LOC618274	SLC16A11	-1.6754E+00	1.7935E-05
AW464411	Hs.105547	Transcribed locus, moderately similar to XP_001233959.1 similar to LOC446973 protein [Gallus gallus]	0	NPDC1	-8.3500E-01	1.7935E-05
CN438817	Hs.494312	similar to neurotrophic tyrosine kinase, receptor, type 2 isoform a precursor	MGC140769	NTRK2	8.2055E-01	1.7935E-05
AW267007	Hs.591346	connective tissue growth factor	CTGF	CTGF	-1.3600E+00	1.8476E-05
CR456025	Hs.74471	gap junction protein, alpha 1, 43kDa	GJA1	GJA1	1.9106E+00	2.7655E-07
CN438232	Hs.623905	Transcribed locus	0	DKFZP564O0823	9.7034E-01	2.9126E-05

CR454927	Hs.604502	phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)	PIK3R1	PIK3R1	8.7646E-01	2.9126E-05
CR553514	Hs.591502	hypothetical protein LOC788353	LOC788353	KIAA1522	-8.1621E-01	2.9126E-05
CN439660	Hs.376071	Transcribed locus	0	CCND2	7.8995E-01	2.9126E-05
CN440346	Hs.371249	pleiotrophin	PTN	PTN	1.6638E+00	3.0499E-06
CN435237	Hs.9315	similar to Olfactomedin-like protein 3 precursor (HNOEL-iso) (hOLF44)	MGC140634	OLFML3	8.9028E-01	6.2943E-05
CN439380	Hs.631988	discoidin domain receptor family, member 1	DDR1	DDR1	-8.1498E-01	6.4153E-05
AW461804	Hs.17631	Transcribed locus	0	FZD5	-1.2662E+00	7.9125E-05
CN441848	Hs.436657	clusterin	CLU	CLU	-8.7536E-01	8.5152E-05
CN441033	Hs.233240	similar to alpha 3 type VI collagen isoform 5 precursor	LOC530657	COL6A3	9.7158E-01	9.2616E-05
BF440410	Bt.40266	similar to KIAA0351	LOC616166	LOC616166	-1.1234E+00	1.2116E-04
BM362277	Hs.78944	similar to regulator of G-protein signalling 2, 24kDa	MGC140786	RGS2	1.1850E+00	1.6638E-04
CN438716	Hs.193825	protein phosphatase 2 (formerly 2A), regulatory subunit B, beta isoform	PPP2R2B	PPP2R2B	7.9833E-01	1.6638E-04
BF045639	Hs.483473	similar to Chromosome 5 open reading frame 5	LOC540987	C5orf5	1.2590E+00	2.1554E-04
BU01001X1E09	Hs.360174	snail homolog 2 (Drosophila)	SNAI2	SNAI2	6.8351E-01	2.1554E-04
CN439090	Mm.4913	Transcribed locus	0	Fst	6.9289E-01	3.1005E-04
CN438657	Hs.643864	spondin 1, extracellular matrix protein	SPON1	SPON1	1.0203E+00	3.2332E-04
BF039332	Hs.15250	peroxisomal D3,D2-enoyl-CoA isomerase	PECI	PECI	-7.6397E-01	3.2332E-04
CR452206	Hs.389137	microfibrillar-associated protein 2	MFAP2	MFAP2	7.2544E-01	3.2332E-04
CR456332	Hs.441664	transmembrane 4 superfamily member 2	TM4SF2	TSPAN7	1.0789E+00	3.2969E-04
CR453068	Hs.443572	solute carrier family 22 (organic cation transporter), member 5	SLC22A5	SLC22A5	-9.9528E-01	3.7405E-04
CR552676	Hs.443625	similar to Collagen alpha 1(III) chain precursor	LOC510833	COL3A1	1.1595E+00	3.7521E-04
CN438217	Hs.445827	similar to procollagen alpha 2(V)	LOC782818	COL5A2	8.0226E-01	3.7521E-04
CR454381	Hs.74405	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	YWHAQ	YWHAQ	6.1823E-01	4.2227E-04
BP260004000A04	Hs.86859	similar to Growth factor receptor-bound protein 7 (GRB7 adapter protein) (Epidermal growth factor receptor GRB-7) (B47)	MGC138032	GRB7	-1.1278E+00	4.2587E-04
CN432616	Hs.460238	SH3-domain GRB2-like endophilin B2	SH3GLB2	SH3GLB2	-7.0449E-01	4.3820E-04
BF044244	Hs.24553	stimulated by retinoic acid gene 6 homolog	STRA6	STRA6	1.0040E+00	4.7290E-04
NG010008B10D01	Hs.195471	6-phosphofructo-2-kinase	LOC407183	PFKFB3	-8.7117E-01	4.8937E-04
CN437423	Hs.436792	LIM domain only 4	LMO4	LMO4	5.7848E-01	5.2862E-04
BF040198	Hs.87435	similar to Rho guanine exchange factor (GEF) 16	LOC514453	ARHGEF16	-8.6187E-01	5.3783E-04

CR553024	Hs.368631	similar to Rho GTPase activating protein 10	MGC143451	ARHGAP10	6.9748E-01	5.3783E-04
CN438295	Hs.289347	SDR1 protein	SDR1	DHRS3	-6.6846E-01	5.3783E-04
BF440380	Hs.591492	similar to IL-6 receptor alpha chain	LOC507359	IL6R	-1.2269E+00	5.4373E-04
CR456127	Hs.116471	similar to OB-cadherin-1	LOC535363	CDH11	6.9774E-01	5.7486E-04
CR453485	Hs.1227	delta-aminolevulinic acid dehydratase	ALAD	ALAD	-9.5697E-01	5.9579E-04
CK817076	Hs.409602	similar to sulfatase 1	LOC535166	SULF1	7.6844E-01	5.9579E-04
CN437699	Hs.653146	similar to Receptor-type tyrosine-protein phosphatase S precursor (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma)	LOC537480	PTPRS	6.8657E-01	5.9579E-04
CR454452	Hs.501012	similar to Gamma adducin (Adducin-like protein 70)	MGC139783	ADD3	6.0876E-01	5.9579E-04
CR553566	Hs.529901	Transcribed locus	0	XIST	6.7575E-01	6.0441E-04
CK729574	Hs.487036	Transcribed locus	0	MYO5C	-6.6158E-01	6.0441E-04
NR_001464	Hs.529901	Transcribed locus	0	XIST	5.6318E-01	6.0441E-04
AW426525	Hs.252387	Transcribed locus	0	CELSR1	-9.0382E-01	6.7178E-04
CR552920	Hs.62886	similar to SPARC-like protein 1 precursor (High endothelial venule protein) (Hevin) (MAST 9)	MGC127494	SPARCL1	5.8312E-01	6.8941E-04
CR456031	Hs.465102	similar to Lipase, endothelial	LOC509808	LIPG	6.6763E-01	7.7283E-04
BM364277	Hs.494312	similar to neurotrophic tyrosine kinase, receptor, type 2 isoform a precursor	MGC140769	NTRK2	7.5676E-01	8.4999E-04
BF043758	Hs.473761	reticulon 3	RTN3	RTN3	-7.1336E-01	8.4999E-04
CK729436	Hs.249171	similar to homeobox A11	LOC533625	HOXA11	8.2090E-01	9.2034E-04
BF041512	Hs.97270	family with sequence similarity 13, member A1	FAM13A1	FAM13A1	-9.6509E-01	1.0035E-03
CN440001	Hs.495912	Transcribed locus	0	DMD	-1.0742E+00	1.0912E-03
CN433683	Hs.567425	similar to KIAA0979 protein	LOC533890	APRIN	6.2839E-01	1.0912E-03
CN437486	Hs.514292	similar to HOXB8	LOC785855	HOXB8	-1.0147E+00	1.1233E-03
CR453604	Mm.396893	Transcribed locus	0	Ppm1k	-9.4309E-01	1.1890E-03
NG010008B20G10	Hs.135087	Transcribed locus	0	0	-1.1348E+00	1.2273E-03
CR456002	Hs.441047	adrenomedullin	ADM	ADM	6.1389E-01	1.2273E-03
BF040130	Hs.89603	mucin 1, cell surface associated	MUC1	MUC1	-1.1849E+00	1.2368E-03
BM285943	Hs.154654	Transcribed locus	0	CYP1B1	9.0744E-01	1.2368E-03
X14064	Hs.249211	uncoupling protein 1	UCP1	UCP1	-6.7345E-01	1.2368E-03
CK845888	Hs.77348	hydroxyprostaglandin dehydrogenase 15-(NAD)	PGDH	HPGD	-1.2201E+00	1.3869E-03
CR455905	Hs.513022	immunoglobulin superfamily containing leucine-rich repeat	ISLR	ISLR	8.3950E-01	1.4196E-03

CN436911	Hs.352298	Transcribed locus	0	PDGFD	6.1392E-01	1.4196E-03
CN438035	Hs.502745	hypothetical LOC521822	MGC142759	FADS2	-1.1363E+00	1.4226E-03
BF039448	Mm.213114	Transcribed locus	0	Zkscan1	-8.5343E-01	1.5166E-03
BP240034B20E5	Hs.75514	nucleoside phosphorylase	NP	NP	-6.9523E-01	1.5166E-03
BF046516	Hs.504315	suppression of tumorigenicity 14	ST14	ST14	-9.6277E-01	1.5436E-03
BF046404	Hs.654358	Transcribed locus	0	PDE4D	5.8797E-01	1.5436E-03
CN433188	Hs.501012	Transcribed locus	0	ADD3	5.4896E-01	1.5968E-03
CN434373	Hs.642735	villin 2	VIL2	VIL2	-1.0139E+00	1.6289E-03
BF043392	Hs.3989	similar to KIAA0315	LOC508175	PLXNB2	-5.8684E-01	1.6289E-03
BF045795	Hs.291030	Transcribed locus, moderately similar to XP_341878.3 similar to Ras GTPase-activating-like protein IQGAP1 [Rattus norvegicus]	0	IQGAP2	-8.2642E-01	1.6554E-03
BF039306	Hs.137459	hypothetical LOC514577	LOC514577	SHROOM3	-9.7516E-01	1.6823E-03
BF440504	Hs.334846	herpesvirus entry mediator C	HVEC	PVRL1	-5.9064E-01	1.6823E-03
AW465865	Mm.24684	hypothetical LOC509889	LOC509889	Fosl2	4.9543E-01	1.6823E-03
CN440086	Hs.487200	similar to SMAP-2b	LOC615490	SMOC2	5.3795E-01	1.7076E-03
NM_174837	Hs.355264	cytochrome b-561	CYB561	CYB561	-9.5592E-01	1.7330E-03
CN441890	Hs.307835	Transcribed locus, strongly similar to XP_574644.2 similar to phosphoglucomutase 5 [Rattus norvegicus]	0	PGM5	6.0138E-01	1.7594E-03
CN433682	Hs.87385	hypothetical LOC509253	MGC152190	C7orf30	5.8435E-01	1.8248E-03
CR456217	Hs.289044	similar to F26E4.12	MGC133953	LOC493869	5.8700E-01	1.8259E-03
CN435936	Hs.313	secreted phosphoprotein 1	SPP1	SPP1	1.4869E+00	1.8675E-03
CR451698	0	0	0	0	-7.4592E-01	1.8675E-03
CR453269	Hs.448588	similar to pp21 homolog	LOC787302	NGFRAP1	4.6313E-01	1.8675E-03
CN433430	Hs.533566	hypothetical LOC511905	LOC511905	H19	1.3772E+00	1.8952E-03
CK964970	Hs.144442	similar to Group 10 secretory phospholipase A2 precursor (Group X secretory phospholipase A2) (Phosphatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X)	LOC613966	LOC653768	-1.2696E+00	1.8952E-03
BF045037	Hs.594952	desmin	DES	DES	6.2559E-01	1.8952E-03
BU01001X1B10	Hs.632641	similar to Transmembrane emp24 protein transport domain containing 4	LOC508729	TMED4	-5.3319E-01	1.8952E-03
CN435377	Hs.522665	similar to Melanoma-associated antigen D2 (MAGE-D2 antigen) (MAGE-D) (Breast cancer associated gene 1 protein) (BCG-1) (11B6) (Hepatocellular carcinoma associated protein	MGC139951	MAGED2	-8.1382E-01	1.8971E-03

		JCL-1)				
AW266884	Hs.517168	Transcribed locus	0	TAGLN2	-5.4199E-01	2.0959E-03
CN438584	Hs.197320	similar to Transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	LOC512888	TLE1	-6.2585E-01	2.2541E-03
CR453772	Hs.121592	adaptor-related protein complex 1, sigma 1 subunit	AP1S1	AP1S2	6.1088E-01	2.3114E-03
CB423417	Hs.187459	similar to NEW1 domain containing protein	LOC517451	ZDHHC14	-5.7535E-01	2.3114E-03
BF039544	Hs.514950	serine carboxypeptidase 1	SCPEP1	SCPEP1	4.9818E-01	2.3114E-03
CR455064	Hs.269512	follistatin-like 1	FSTL1	FSTL1	6.7072E-01	2.4068E-03
AW461893	Hs.388245	Transcribed locus	0	HAND2	6.2583E-01	2.4068E-03
Top list of the 100 most regulated genes in the [C vs. IC] profiles -SCNT pregnancies-						
AB008612	0	MHC Class I JSP.1	JSP.1	LOC652614	1.3011E+00	1.0679E-06
AW461804	Hs.17631	Transcribed locus	0	FZD5	-1.5636E+00	9.8419E-09
CR453977	Hs.639	calbindin 3, (vitamin D-dependent calcium binding protein)	CALB3	S100G	-1.2767E+00	9.5429E-06
CN435450	Hs.592355	glyceraldehyde-3-phosphate dehydrogenase	GAPD	GAPDH	1.0398E+00	9.4512E-05
CN439459	Hs.446240	similar to transcriptional repressor BSR/RACK7/PRKCBP1	LOC506031	ZMYND8	-8.1507E-01	8.9217E-05
BF040485	0	hypothetical LOC525698	MGC149010	LOC100008589	1.2473E+00	8.8664E-05
CR451806	Hs.434937	peptidylprolyl isomerase B (cyclophilin B)	PPIB	PPIB	1.2492E+00	8.6454E-05
BF042234	Hs.525589	similar to Os08g0528700	LOC509824	MEG3	1.4888E+00	8.2925E-09
BF042229	Hs.645610	insulin-like growth factor 2	IGF2	IGF2	7.3162E-01	8.1699E-05
AW466111	Hs.506997	ribosomal protein S2e	RPS2E	RPS2	1.4922E+00	8.1246E-09
AW461766	Hs.514477	similar to lethal giant larvae homolog 2	LOC539545	LLGL2	1.2537E+00	8.1090E-05
CR456025	Hs.74471	gap junction protein, alpha 1, 43kDa	GJA1	GJA1	1.6358E+00	8.0962E-12
CR453604	Mm.396893	Transcribed locus	0	Ppm1k	-1.1299E+00	7.4072E-05
CK940257	Hs.49765	similar to very long-chain acyl-CoA synthetase homolog 1; VLCS-H1	LOC537062	SLC27A6	-1.2621E+00	7.0043E-05
CN441033	Hs.233240	similar to alpha 3 type VI collagen isoform 5 precursor	LOC530657	COL6A3	1.7526E+00	6.9481E-11
CR454769	Hs.631549	similar to selenoprotein W, 1	MGC128106	SEPW1	1.1148E+00	6.8337E-05
CN999995	0	MHC class I heavy chain	LOC510417	LOC652614	1.4912E+00	6.7719E-06
BF043800	Hs.365706	matrix Gla protein	MGP	MGP	-1.2187E+00	6.7286E-06
BM365043	0	POU domain, class 5, transcription factor 1	POU5F1	LOC652614	1.2663E+00	6.6364E-05
CK394153	Bt.7533	similar to Probable cation-transporting ATPase 13A1	LOC534369	LOC534369	1.2702E+00	6.2075E-05

CR454010	Hs.374596	similar to LOC113230 protein	LOC539805	TPT1	1.2727E+00	5.9853E-05
BCAZ0002aa24	Hs.568356	hypothetical protein MGC128198	MGC128198	LOC441632	1.1618E+00	5.8940E-06
CK964970	Hs.144442	similar to Group 10 secretory phospholipase A2 precursor (Group X secretory phospholipase A2) (Phosphatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X)	LOC613966	LOC653768	-1.8421E+00	5.8882E-12
BF042678	Bt.4560	trophoblast Kunitz domain protein 1	TKDP1	TKDP1	1.6210E+00	5.8501E-07
BF040646	Bt.262	trophoblast Kunitz domain protein 3	TKDP3	TKDP3	1.6228E+00	5.8367E-07
CR452147	0	ribosomal protein L18a	RPL18A	LOC390354	1.2260E+00	5.8213E-06
CN439090	Mm.4913	Transcribed locus	0	Fst	1.1100E+00	5.8180E-06
CN432245	Hs.274313	insulin-like growth factor binding protein 6	IGFBP6	IGFBP6	1.3396E+00	5.8107E-08
CN435833	Bt.26852	similar to Fetal brain protein 239 (239FB)	MGC143166	MGC143166	-1.2419E+00	4.6427E-06
BF042887	Hs.374650	hypothetical protein LOC777595	LOC777595	IFITM3	1.2670E+00	4.4943E-07
CN435237	Hs.9315	similar to Olfactomedin-like protein 3 precursor (HNOEL-iso) (hOLF44)	MGC140634	OLFML3	1.3084E+00	4.2817E-06
TC226667	Hs.155651	hepatocyte nuclear factor 3 beta	HNF-3b	FOXA2	-1.2987E+00	3.7644E-06
CR455921	Bt.62548	similar to Os08g0528700	LOC509824	LOC509824	1.4281E+00	3.7525E-08
AW464520	Hs.470538	Transcribed locus	0	LRP2	-1.4167E+00	3.5560E-06
CN438961	Hs.591225	similar to chromosome 13 open reading frame 14	LOC507622	FRY	-1.3153E+00	3.5560E-06
AW266934	Hs.54457	CD81 molecule	CD81	CD81	1.4321E+00	3.5074E-08
CR552385	Hs.45002	similar to Rac3	LOC619066	RAC3	1.0860E+00	3.5059E-05
BF044250	Hs.458355	complement component 1, s subcomponent	C1S	C1S	1.6047E+00	3.4838E-10
CR550906	Hs.433839	eukaryotic translation elongation factor 1 alpha 2	EEF1A2	EEF1A2	1.1898E+00	3.3236E-06
BF044244	Hs.24553	stimulated by retinoic acid gene 6 homolog	STRA6	STRA6	1.2278E+00	2.7254E-07
AW461452	Hs.621772	msh homeobox 1	MSX1	MSX1	-1.1950E+00	2.5110E-05
AW463491	Hs.517033	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	TGM2	TGM2	1.0993E+00	2.5110E-05
CN441199	Hs.591446	similar to mucolipin 2	LOC532671	MCOLN2	-1.2364E+00	2.3269E-05
CK845888	Hs.77348	hydroxyprostaglandin dehydrogenase 15-(NAD)	PGDH	HPGD	-1.6359E+00	2.1860E-08
CN436316	Hs.646304	spermine synthase	SMS	LOC642590	-1.0523E+00	2.1064E-05
BM363051	Hs.584756	fatty acid binding protein (heart) like	FABP	FABP3	1.2103E+00	1.8936E-06
BM366029	Hs.77961	similar to MHC class 1	LOC782684	LOC732037	1.4517E+00	1.8517E-07
AW461469	Hs.384598	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1, (angioedema, hereditary)	SERPING1	SERPING1	1.1141E+00	1.8265E-05

CR455905	Hs.513022	immunoglobulin superfamily containing leucine-rich repeat	ISLR	ISLR	1.6145E+00	1.7758E-08
CR552676	Hs.443625	similar to Collagen alpha 1(III) chain precursor	LOC510833	COL3A1	1.6414E+00	1.7391E-09
NM_174641	Hs.77890	guanylate cyclase 1, soluble, beta 3	GUCY1B3	GUCY1B3	-1.5794E+00	1.7391E-09
BM363693	0	IgG1 heavy chain constant region	IGG1C	0	1.4631E+00	1.7391E-09
CR454705	Hs.82916	ribosomal protein S5	RPS5	CCT6A	1.1785E+00	1.7025E-05
CN434373	Hs.642735	villin 2	VIL2	VIL2	-1.1783E+00	1.7025E-05
BM362277	Hs.78944	similar to regulator of G-protein signalling 2, 24kDa	MGC140786	RGS2	1.1516E+00	1.7025E-05
AW426525	Hs.252387	Transcribed locus	0	CELSR1	-1.1836E+00	1.6759E-06
NG010008B20G10	Hs.135087	Transcribed locus	0	0	-1.5498E+00	1.6575E-08
AW267007	Hs.591346	connective tissue growth factor	CTGF	CTGF	-1.2488E+00	1.6560E-07
CN440001	Hs.495912	Transcribed locus	0	DMD	-1.5353E+00	1.6188E-09
CN440346	Hs.371249	pleiotrophin	PTN	PTN	1.7701E+00	1.4720E-12
CN435991	Hs.213424	secreted frizzled-related protein 1	SFRP1	SFRP1	1.3554E+00	1.4129E-06
AW464762	Bt.4137	similar to Putative lymphocyte G0/G1 switch protein 2	LOC507436	LOC507436	1.1595E+00	1.3909E-05
NM_174653	Hs.369009	solute carrier family 18 (vesicular monoamine), member 2	SLC18A2	SLC18A2	-1.9993E+00	1.1897E-07
CR454622	Hs.481022	secreted frizzled-related protein 2	SFRP2	SFRP2	1.2966E+00	1.1693E-06
CN433430	Hs.533566	hypothetical LOC511905	LOC511905	H19	2.4928E+00	0.0000E+00
CN436834	Hs.90572	similar to transmembrane receptor	LOC514819	PTK7	1.0880E+00	1.1206E-04
BF040930	Hs.517356	collagen, type XVIII, alpha 1	COL18a1	COL18A1	1.0875E+00	1.1259E-04
CR454927	Hs.604502	phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)	PIK3R1	PIK3R1	1.0851E+00	1.1600E-04
CR553024	Hs.368631	similar to Rho GTPase activating protein 10	MGC143451	ARHGAP10	1.0846E+00	1.1600E-04
CN438657	Hs.643864	spondin 1, extracellular matrix protein	SPON1	SPON1	9.8067E-01	1.1600E-04
U83020	Hs.277704	oxygen regulated protein, 150 kDa	ORP150	HYOU1	1.1479E+00	1.2033E-04
BP230035000E10	Hs.474053	similar to Collagen, type VI, alpha 1	LOC511422	COL6A1	1.0804E+00	1.2381E-04
BF045795	Hs.291030	Transcribed locus, moderately similar to XP_341878.3 similar to Ras GTPase-activating-like protein IQGAP1 [Rattus norvegicus]	0	IQGAP2	-1.0767E+00	1.3351E-04
CN433245	Hs.312485	similar to complement factor I	MGC128240	CFI	-1.1033E+00	1.4179E-04
CN436615	Hs.289795	similar to Fetal brain protein 239 (239FB)	MGC143166	MPPED2	-1.0106E+00	1.4179E-04
CR453485	Hs.1227	delta-aminolevulinic acid dehydratase	ALAD	ALAD	-9.5971E-01	1.6806E-04
CR455702	Hs.144835	eukaryotic translation elongation factor 1 gamma	EEF1G	EEF1G	1.1255E+00	1.8226E-04
CR455978	Hs.301853	RAB34, member RAS oncogene family	RAB34	RAB34	1.2000E+00	1.9211E-04
BF039306	Hs.137459	hypothetical LOC514577	LOC514577	SHROOM3	-9.8420E-01	2.2331E-04

CN441344	Hs.82045	midkine (neurite growth-promoting factor 2)	MDK	MDK	9.0814E-01	2.6323E-04
CN435195	Hs.376688	similar to Usher syndrome 1G protein	LOC531104	USH1G	9.8801E-01	2.7312E-04
CN441890	Hs.307835	Transcribed locus, strongly similar to XP_574644.2 similar to phosphoglucomutase 5 [Rattus norvegicus]	0	PGM5	8.9981E-01	3.1470E-04
BF045344	0	0	0	0	1.0261E+00	3.7795E-04
BF042358	Hs.45107	SEC11 homolog C (S. cerevisiae)	SEC11C	SEC11C	-9.4848E-01	4.0977E-04
BF039659	Hs.381061	similar to ribosomal protein L19	LOC510615	RPL19	1.0794E+00	4.4676E-04
CN435808	Hs.448979	Transcribed locus	0	SLC35A3	-9.9060E-01	4.8035E-04
BF044849	Hs.80409	growth arrest and DNA-damage-inducible, alpha	GADD45A	GADD45A	-9.6653E-01	4.9121E-04
CN437187	Hs.653181	similar to Thy-1 cell surface antigen	MGC128895	THY1	9.6025E-01	4.9121E-04
AJ786345	Hs.436847	chloride channel 2	CLCN2	CLCN2	1.0107E+00	4.9868E-04
BF044867	Hs.424552	ADP-ribosylation factor-like 10	ARL10	ARL10	1.0695E+00	5.1941E-04
CN434722	Hs.436944	similar to sprouty-like protein	LOC507095	SPRY1	-9.2147E-01	5.3847E-04
CN437551	Hs.46732	monoamine oxidase B	MAOB	MAOB	7.5971E-01	5.3995E-04
AW462280	Hs.619408	potassium inwardly-rectifying channel, subfamily J, member 8	KCNJ8	KCNJ8	7.4665E-01	5.5134E-04
CN437946	Hs.516090	similar to empty spiracles homolog 1	LOC539333	EMX1	1.1309E+00	6.3439E-04
CR455529	Hs.528007	similar to splicing factor U2AF homolog - mouse	LOC789546	U2AF2	1.0565E+00	6.4570E-04
BU01002X1A02	Hs.479372	Transcribed locus	0	SLC34A2	-9.7647E-01	6.4900E-04
CR455736	Hs.512235	similar to inositol 1,4,5-trisphosphate receptor type 2	LOC781844	ITPR2	-1.2699E+00	7.0220E-04
BF044113	Hs.142074	hypothetical LOC506267	LOC506267	RNF149	-1.1234E+00	7.0220E-04
BF043148	Hs.63348	similar to emilin	LOC540451	EMILIN1	1.1087E+00	7.2677E-04
CR452246	Hs.592123	similar to adipocyte determination and differentiation-dependent factor 1	LOC539361	SREBF1	9.8633E-01	7.5879E-04