

Supplemental Table 2. Gene expression was down-regulated in porcine placentae by dietary supplementation with 0.8% arginine between Days 14 and 25 of gestation in comparison with effects of the control group*.

Gene ID	Accession No.	Gene name	p-Value	Fold change
AJ964783	O48246	Cytochrome b (CYTB)	0.001	0.15
BI341657	XM_001926447	Sus scrofa similar to RasGEF domain family member 1A (LOC100156683)	0.013	0.18
TC273367	NG_008926	Homo sapiens asparagine-linked glycosylation 8 alpha-1,3-glucosyltransferase homolog (<i>S. cerevisiae</i>) (ALG8) on chromosome 11	0.010	0.20
TC273367*	XM_003129699	Probable dolichyl pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-glucosyltransferase-like	0.010	0.20
TC257543	XM_001927988	Sus scrofa similar to RU2S (LOC100153025)	0.015	0.23
DN100844	FJ263680	Sus scrofa clone CH242-27L18 acetyl-coenzyme A carboxylase alpha (ACACA) gene	0.003	0.27
NP321728	AF274712	Sus scrofa pig endogenous retrovirus group Beta3 polymerase gene	0.014	0.29
TC267851	Unknown	Unknown	0.004	0.30
AK235514	XM_001151324	Pan troglodytes hypothetical protein LOC745470 (LOC745470)	0.037	0.30
BI360386	XM_001083849	Macaca mulatta similar to oncostatin M receptor transcript variant 2 (LOC693569)	0.009	0.31
AREG	NM_214376	Sus scrofa amphiregulin (AREG)	0.045	0.31
CF178669	AJ427478	Sus scrofa ASIP gene for agouti signalling protein and AHCY gene for S-adenosylhomocysteine hydrolase	0.023	0.33
TC257832	NM_001143983	Homo sapiens chordin-like 1 (CHRD1) transcript variant 4	0.027	0.33
TC290976	A7AUI6	41-2 protein antigen	0.006	0.35
CX061534	NM_015602	Homo sapiens torsin A interacting protein 1 (TOR1AIP1)	0.007	0.40
CN158380	Q9QF03	Envelope glycoprotein V3 region	0.024	0.41
TC301037	BC152456	Homo sapiens doublecortin-like kinase 1 mRNA (cDNA clone MGC:176710 IMAGE:8862589)	0.012	0.41
DY414270	NM_003828	Homo sapiens myotubularin related protein 1 (MTMR1) on chromosome X	0.010	0.42
TC251548	XM_600715	Bos taurus similar to kelch-like 18 (LOC522434)	0.046	0.42
AK232310	NM_001009778	Ovis aries aldehyde dehydrogenase 1 family member A1 (ALDH1A1)	0.041	0.43
TC269985	A0QK03	UDP-glucose 6-dehydrogenase	0.029	0.44

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
BP997825	XM_864249	Bos taurus similar to Zinc finger ZZ-type and EF-hand domain-containing protein 1 transcript variant 1 (ZZEF1)	0.045	0.44
TC243513	NM_213996	Sus scrofa Rh family B glycoprotein (RHBG)	0.006	0.45
EW614253	Unknown	Unknown	0.038	0.45
IGFBP2	NM_214003	Insulin-like growth factor binding protein 2 (IGFBP2)	0.002	0.47
OSTN	NM_001098597	Osteocrin (OSTN)	0.025	0.47
CXCL2	NM_001001861	C-X-C motif chemokine ligand 2 (CXCL2)	0.013	0.49
TC278652	NM_214003	Sus scrofa insulin-like growth factor binding protein 2 (IGFBP2)	0.002	0.49
CYP2C33	NM_214414	Sus scrofa cytochrome P450 2C33 (CYP2C33)	0.037	0.50
AK238519	XM_874285	Bos taurus similar to phosphofructokinase platelet transcript variant 12 (PFKP)	0.025	0.50
BX674271	XM_001489186	Equus caballus calpain 6 (CAPN6)	0.038	0.50
TC280345	XM_864245.3	Bos taurus similar to golgin 97 transcript variant 2 (GOLGA1)	0.018	0.50
DPPIV	NM_214257	Sus scrofa dipeptidyl-peptidase 4 (DPP4)	0.030	0.51
EV918706	Unknown	Unknown	0.006	0.51
BX924685	XM_613086	Bos taurus myotubularin 1 (MTM1)	0.038	0.54
CH242-235B3.1	NM_001105290	Sus scrofa bone morphogenetic protein 7 (Bmp7)	0.030	0.55
TC282384	NM_207334	Homo sapiens family with sequence similarity 43 member B (FAM43B)	0.046	0.56
CO989438	XM_001156630	Pan troglodytes calcium-activated potassium channel beta 4 subunit (KCNMB4)	0.017	0.56
TC301414	Unknown	Unknown	0.036	0.56

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Gene ID	Accession No.	Gene name	p-Value	Fold change
DAB1	NM_001097442	Disabled-1 (DAB1)	0.021	0.57
BP441060	BC151769	Bos taurus MARVEL domain containing 2 mRNA (cDNA clone IMAGE:7942171)	0.040	0.57
TC288678	Unknown	Unknown	0.022	0.57
TC293066	Unknown	Unknown	0.026	0.57
TC270858	AF228059	Sus scrofa decay-accelerating factor CD55 mRNA complete coding sequence (cds)	0.026	0.58
CV878027	XM_001926796	Sus scrofa similar to SAMD4A protein (LOC100156574)	0.018	0.58
TC290589	BC047235	Homo sapiens upstream binding protein 1 (LBP-1a)	0.005	0.58
CA513725	XM_533297	Canis familiaris similar to Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) transcript variant 1 (LOC476089)	0.016	0.58
EV881857	XM_001493559	Equus caballus solute carrier family 4 sodium bicarbonate cotransporter member 7 (SLC4A7)	0.009	0.59
TC289774	Unknown	Unknown	0.013	0.59
DB803904	XM_524602	Pan troglodytes leucine zipper protein 1 transcript variant 3 (LUZP1)	0.047	0.60
TC266622	Unknown	Unknown	0.018	0.60
TC286353	NM_001099064	Bos taurus CUE domain containing 1 (CUEDC1); [CUE = coupling of ubiquitin conjugation to endoplasmic reticulum degradation]	0.007	0.60
ID2	NM_001037965	Inhibitor of DNA binding 2 (ID2)	0.007	0.61
DY419449	XM_001492190	Equus caballus similar to TPR repeat-containing protein C1orf34 homolog (LOC100062643)	0.025	0.61
CN159399	NM_001128506	Bos taurus chromatin modifying protein 4B (CHMP4B)	0.012	0.61
AK230591	XM_853643	Canis familiaris similar to ornithine decarboxylase antizyme inhibitor transcript variant 10 (LOC475058)	0.016	0.62
AK234050	NM_001075748	Bos taurus CCCTC-binding factor (zinc finger protein) (CTCF)	0.047	0.62
AK234300	NM_001038191	Bos taurus RIB43A domain with coiled-coils 2 (RIBC2)	0.005	0.63
AJ955807	Unknown	Unknown	0.006	0.63
DN132980	Unknown	Unknown	0.008	0.63

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Gene ID	Accession No.	Gene name	p-Value	Fold change
AK232193	XM_532475	Canis familiaris similar to islet cell autoantigen 1 isoform 1 transcript variant 2 (LOC475242)	0.040	0.63
TC247541	XM_001489418	Equus caballus pericentriolar material 1 transcript variant 1 (PCM1)	0.015	0.64
CF181641	XM_001252266	Bos taurus similar to dystonin transcript variant 1 (DST)	0.015	0.64
TC261918	XM_001916323	Equus caballus AHNAK nucleoprotein (AHNAK)	0.006	0.64
TC286370	XM_001927561	Sus scrofa hypothetical protein LOC100155972 (LOC100155972)	0.029	0.64
AK232477	NM_001077833	Bos taurus protein kinase C zeta (PRKCZ)	0.047	0.64
CRP	NM_213844	C-reactive protein (CRP)	0.028	0.65
AK233736	XM_001927836	Sus scrofa similar to Down syndrome critical region gene 1-like 1 protein (LOC100153773)	0.033	0.65
AK232606	XM_001102892	Macaca mulatta similar to Protein C14orf133 homolog transcript variant 2 (LOC706315)	0.046	0.65
RXRA	DQ279926	Sus scrofa retinoid X receptor alpha transcript variant 1 (RXRalpha)	0.047	0.65
EW635567	XM_543735	Canis familiaris similar to solute carrier family 2 (facilitated glucose transporter) member 13 (LOC486609)	0.022	0.65
TC294557	XR_025023	Pan troglodytes similar to PAR-6 beta (LOC458334)	0.012	0.65
CV867559	AJ009912	Sus scrofa proteolipid protein 1 (plp)	0.043	0.65
TC274128	Unknown	Unknown	0.010	0.66
TC246408	Unknown	Unknown	0.029	0.66
TC300920	XM_001493065	Equus caballus similar to zinc finger protein 783 (LOC100060969)	0.013	0.66
EV918706	AJ560639	Homo sapiens mRNA for aminopeptidase O (APO gene)	0.046	0.67
PPARGC-1A	NM_213963	Peroxisome proliferator-activated receptor gamma coactivator 1 α (PPARGC-1 α)	0.034	0.67
TC258272	NM_001162429	Bos taurus similar to programmed cell death 6 interacting protein transcript variant 1 (PDCD6IP)	0.033	0.67
TC239249	NM_001128934	Homo sapiens synaptopodin 2 (SYNPO2) transcript variant 3	0.006	0.67
EW196031	NM_052885	Homo sapiens solute carrier family 2 (facilitated glucose transporter) member 13 (SLC2A13)	0.050	0.67
TC278516	Unknown	Unknown	0.042	0.68

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Gene ID	Accession No.	Gene name	p-Value	Fold change
HSPA5	X92446	Sus scrofa mRNA for the 78-kDa glucose-regulated protein (GRP78 protein)	0.019	0.68
FGFR2	NM_001099924	Sus scrofa fibroblast growth factor receptor 2 (FGFR2)	0.019	0.68
KLF13	NM_001011505	Kruppel-like factor 13 (KLF13)	0.006	0.68
LOC100037960	NM_001097457	Sus scrofa major facilitator superfamily domain containing 6 (MFSD6)	0.044	0.68
TC291433	NM_015691	Homo sapiens WWC family member 3 (WWC3)	0.021	0.69
AK236939	BC128144	Homo sapiens component of oligomeric Golgi complex 4 mRNA (cDNA clone IMAGE:40112536)	0.008	0.69
IFNAR1	NM_213772	Interferon alpha and beta receptor subunit 1 (IFNAR1)	0.012	0.69
AK235751	NM_001172415	Homo sapiens BCL2-associated athanogene (BAG1) transcript variant 1	0.035	0.69
TC273652	NM_001098104	Bos taurus par-6 partitioning defective 6 homolog beta (<i>C. elegans</i>) (PARD6B)	0.044	0.69
CK454680	XM_001927223	Sus scrofa similar to PAB-dependent poly(A)-specific ribonuclease subunit 3 (hPan3) (LOC100157385)	0.015	0.69
CK458354	XM_537163	Canis familiaris similar to niban protein isoform 2 (LOC480041)	0.049	0.69
CK467413	NM_001033348	Mus musculus Ral GTPase activating protein alpha subunit 2 (catalytic) (Ralgapa2)	0.030	0.69
TC278165	Unknown	Unknown	0.030	0.70
HADHA	NM_213962	Hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha (HADHA)	0.037	0.70
TC272775	NM_001003022	Canis lupus familiaris glucocorticoid receptor DNA binding factor 1 (GRLF1)	0.000	0.70
ROD1	NM_001077215	Regulator of differentiation 1 (ROD1)	0.025	0.70
RND3	NM_214296	Rho family GTPase 3 (RND3; a member of the small GTPase protein superfamily)	0.039	0.70
AKAP13	XM_001926474	Sus scrofa A kinase (PRKA) anchor protein 13 (AKAP13)	0.016	0.70
DT324917	XM_001924319	Sus scrofa similar to DnaJ homolog subfamily B member 12 (LOC100156234)	0.026	0.70
AY609497	BC010370	Homo sapiens tumor suppressor candidate 3 mRNA (cDNA clone MGC:13453 IMAGE:4334284)	0.015	0.70
TC268146	Unknown	Unknown	0.006	0.70
AK234157	NM_001024571	Bos taurus chromosome 12 open reading frame 41 ortholog (C5H12orf41)	0.007	0.70

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Gene ID	Accession No.	Gene name	p-Value	Fold change
AK236119	NM_001135021	Homo sapiens ELMO/CED-12 domain containing 3 (ELMOD3) transcript variant 2	0.005	0.70
AK236625	XM_001088315	Macaca mulatta checkpoint suppressor 1 transcript variant 5 (CHES1)	0.040	0.70
BP434590	NM_024776	Homo sapiens NKF3 kinase family member (SGK269)	0.003	0.70
TC257240	XM_001925375	Sus scrofa similar to positive regulatory (PR) domain containing 1 with ZNF domain transcript variant 2 (LOC100154284)	0.042	0.71
AK234388	NM_001162886	Sus scrofa v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) (ETS1)	0.039	0.71
SM22A	NM_001110134	Equus caballus transgelin (TAGLN) mRNA	0.035	0.71
AK235923	XM_510991	Pan troglodytes hypothetical LOC454118 transcript variant 5 (LOC454118)	0.021	0.71
EW263623	XM_001139429	Pan troglodytes similar to CREB transcript variant 2 (LOC459901)	0.011	0.71
GPAT	AY284842	Glycerol-3-phosphate acyltransferase (GPAT)	0.016	0.71
TC277497	AB120429	Kinesin-family protein KIF1B beta3 {Rattus norvegicus}	0.049	0.71
LOC780415	NM_001078670	Sus scrofa interferon regulatory factor 9 (LOC780415)	0.024	0.71
AK235466	DQ105589S2	Sus scrofa CDP-diacylglycerol synthase 2 (CDS2) mRNA partial cds	0.013	0.71
TRAF6	NM_001105286	Tumor necrosis factor (TNF) receptor associated factor 6 (TRAF6)	0.023	0.71
CV877363	XM_001500207	Equus caballus similar to DEAH (Asp-Glu-Ala-His) box polypeptide 38 (LOC100054293)	0.039	0.71
TC274812	Unknown	Unknown	0.000	0.71
LOC448984	Unknown	Unknown	0.040	0.71
TC241377	Unknown	Unknown	0.034	0.71
AK240289	XM_001498786	Equus caballus cortactin binding protein 2 (CTTNBP2) N-terminal like (CTTNBP2NL)	0.007	0.71
AK232343	AK232343	Unknown	0.025	0.71
HPD	NM_214224	4-Hydroxyphenylpyruvate dioxygenase (HPD)	0.007	0.71
AK234841	NM_016075	Homo sapiens vacuolar protein sorting 36 homolog (S. cerevisiae) (VPS36)	0.048	0.71
AK239867	BC063709	Homo sapiens hypothetical protein LOC126917 mRNA (cDNA clone IMAGE:4801936) partial coding sequence (cds)	0.028	0.71
PRKAA2	NM_214266	Sus scrofa protein kinase AMP-activated alpha 2 catalytic subunit (PRKAA2)	0.025	0.71

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Gene ID	Accession No.	Gene name	p-Value	Fold change
BX923341	NM_001098924	Bos taurus ubiquitin specific peptidase 10 (USP10)	0.008	0.72
TC299183	X58430	Homo sapiens Hox1.8 gene for homeobox protein	0.008	0.72
TC247962	Unknown	Unknown	0.015	0.72
PPARGC-1	NM_213963	Sus scrofa peroxisome proliferator activated receptor gamma coactivator 1 (PPARGC-1) mRNA	0.032	0.72
EV929901	XM_870793	Bos taurus similar to protein FAM101B (LOC618459)	0.017	0.72
CV872688	XM_001926594	Sus scrofa similar to ring finger protein 20 (LOC100154259)	0.044	0.72
AK233041	NM_001133129	Pongo abelii zinc finger with KRAB and SCAN domains 1 (ZKSCAN1)	0.011	0.72
AK238640	NM_006466	Homo sapiens polymerase (RNA) III (DNA directed) polypeptide F 39 kDa (POLR3F)	0.006	0.72
ATP6V1H	NM_214240	ATPase H ⁺ transporting V1 subunit H (ATP6V1H)	0.040	0.72
AK235914	XM_001168855	Pan troglodytes TMEM9 domain family member B transcript variant 2 (TMEM9B)	0.032	0.72
AK240543	XM_001928943	Sus scrofa similar to ubiquitin domain containing 1 (LOC100156395)	0.025	0.73
CJ012713	XM_001926430	Sus scrofa similar to mast cell proteinase-3 (LOC100155263)	0.039	0.73
EV978656	NG_011790	Homo sapiens ATP-binding cassette sub-family A (ABC1) member 3 (ABCA3) on chromosome 16	0.027	0.73
TC273277	Unknown	Unknown	0.036	0.73
DR083551	NM_001075289	Bos taurus activating transcription factor 1 (ATF1)	0.013	0.73
AK240475	XM_001927539	Sus scrofa similar to general transcription factor IIH polypeptide 3, 34kDa (LOC100152121)	0.006	0.73
EW069422	XM_528043	Pan troglodytes Smad ubiquitination regulatory factor 1 (SMURF1)	0.030	0.73
TC283069	XM_001156044	Pan troglodytes sideroflexin 1 transcript variant 1 (SFXN1)	0.027	0.73
BX665101	Unknown	Unknown	0.035	0.73
TC288457	XM_869579	Bos taurus similar to EMI domain containing 2 (EMID2)	0.036	0.73
BIN1	NM_001097440	Bridging integrator 1 (BIN1)	0.036	0.73

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Gene ID	Accession No.	Gene name	p-Value	Fold change
TC283021	Unknown	Unknown	0.043	0.73
AK232443	XM_001501049	Equus caballus similar to cullin-5 (CUL-5) (Vasopressin-activated calcium-mobilizing receptor) (VACM-1) (LOC100061726)	0.014	0.73
LOC396848	NM_176636	Bos taurus myosin light chain kinase (MYLK)	0.009	0.73
CJ038329	P47843	Solute carrier family 2 facilitated glucose transporter member 3	0.028	0.73
DN101455	XM_001788616	Bos taurus similar to SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily c member 1 (LOC522045)	0.016	0.73
LOC100038015	NM_001162401	Sus scrofa lysophosphatidic acid receptor 2 (LPAR2)	0.048	0.73
E4	NM_213947	Sus scrofa epididymal secretory protein E4 (E4)	0.026	0.73
FGFR2	NM_001099924	Fibroblast growth factor receptor 2 (FGFR2)	0.048	0.73
TC266079	Unknown	Unknown	0.026	0.73
AK236120	XM_001929348	Sus scrofa similar to RIKEN cDNA 2810048G17 (LOC100157433)	0.014	0.73
CV876228	XM_001093735	Macaca mulatta similar to chromatin modifying protein 4C (LOC702310)	0.023	0.73
BI184146	XM_001927725	Sus scrofa prostaglandin F2 receptor negative regulator (PTGFRN)	0.002	0.73
CV875504	XM_001926134	Sus scrofa similar to chloride channel 3 (LOC100156049)	0.040	0.74
BW961052	XM_001928697	Sus scrofa similar to coatomer protein complex subunit alpha transcript variant 1 (LOC100157296)	0.016	0.74
AK234049	XM_001112035	Macaca mulatta similar to SP140 nuclear body protein isoform 1 transcript variant 2 (LOC710925)	0.003	0.74
TC260069	Unknown	Unknown	0.033	0.74
CB285502	XM_001162866	Pan troglodytes PR domain containing 4 transcript variant 2 (PRDM4)	0.045	0.74
DN106070	NM_001105626	Bos taurus tweety homolog 2 (Drosophila) (TTYH2)	0.029	0.74
BX919286	XM_001493063	Equus caballus similar to tetratricopeptide repeat domain 3 (LOC100060967)	0.046	0.74
PNPLA2	NM_001098605	Patatin-like phospholipase domain containing 2 (PNPLA2)	0.014	0.74
TC289012	Unknown	Unknown	0.026	0.74

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Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
AK232121	Q9ASK4	Putative leucine-rich repeat (LRR) receptor-like protein kinase	0.037	0.74
TC278409	Unknown	Unknown	0.014	0.74
AK230999	BC010355	Homo sapiens zinc finger protein 638 mRNA (cDNA clone IMAGE:4248516) with apparent retained intron	0.007	0.74
CJ014614	AF480462	Homo sapiens mixed lineage kinase-related kinase MRK-beta mRNA	0.022	0.75
TC268607	Unknown	Unknown	0.026	0.75
AK234388	NM_001162886	Sus scrofa v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) (ETS1)	0.013	0.75
CN157587	NM_014611	Homo sapiens midasin homolog (yeast) (MDN1); [an AAA ATPase; a SUMO-targeted regulator in mammalian pre-ribosome remodeling]	0.003	0.75
AK231618	NM_152305	Homo sapiens KTEL (Lys-Tyr-Glu-Leu) containing 1 (KTELC1) transcript variant 1	0.014	0.75
CF361296	Unknown	Unknown	0.021	0.75
BP165217	NM_145160	Homo sapiens mitogen-activated protein kinase kinase 5 (MAP2K5)	0.040	0.75
EW259004	NM_024091	Homo sapiens FAST kinase domains 3 (FASTKD3)	0.022	0.75
TC257345	Unknown	Unknown	0.033	0.75
HSP90	NM_213973	Heat-shock protein 90 (HSP90)	0.036	0.75
AJ940394	XM_001925507	Sus scrofa similar to protein strawberry notch homolog 1 (monocyte protein 3) (MOP-3) (LOC100158131)	0.023	0.75
FBP	NM_213830	Sus scrofa folate-binding protein (FBP)	0.029	0.75
AK240409	BC109100	Homo sapiens zinc finger protein 75D mRNA (cDNA clone MGC:126327 IMAGE:40034784)	0.011	0.75
EW046701	BC157843	Homo sapiens protein phosphatase 1H (PP2C domain containing) mRNA (cDNA clone MGC:189738 IMAGE:9057062)	0.026	0.75
TC270146	AB209365	Homo sapiens mRNA for diacylglycerol kinase epsilon variant protein	0.023	0.76
TC294387	Unknown	Unknown	0.006	0.76
DN107931	BC143266	Homo sapiens uveal autoantigen with coiled-coil domains and ankyrin repeats mRNA (cDNA clone MGC:176785 IMAGE:9051768)	0.048	0.76
TC266056	XM_001927219	Sus scrofa similar to single-strand selective monofunctional uracil DNA glycosylase (LOC100153912)	0.011	0.76
EW214587	NM_001037806	Homo sapiens NCK-associated protein 5-like (NCKAP5L)	0.021	0.76

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Gene ID	Accession No.	Gene name	p-Value	Fold change
AY609622	AY609622	Sus scrofa similar to small nuclear RNA activating complex polypeptide 3, 50kDa (LOC100156386)	0.037	0.76
EW656850	Unknown	Unknown	0.042	0.76
AK234698	NM_005723	Homo sapiens tetraspanin 5 (TSPAN5)	0.019	0.76
AK231358	XM_001496368	Equus caballus chromodomain helicase DNA binding protein 4 (CHD4)	0.034	0.76
TC250538	NM_014997	Homo sapiens kelch domain containing 10 (KLHDC10)	0.005	0.76
DT327635	NM_015175	Homo sapiens neurobeachin-like 2 (NBEAL2)	0.017	0.76
TC299692	NM_001025107	Homo sapiens adenosine deaminase RNA-specific (ADAR)	0.046	0.76
DY420532	NM_017902	Homo sapiens hypoxia inducible factor 1 alpha subunit inhibitor (HIF1AN)	0.047	0.76
BX918062	BC000030	Homo sapiens Wolf-Hirschhorn syndrome candidate 1-like 1 mRNA (cDNA clone IMAGE:3505788)	0.044	0.76
CN157824	NM_052855	Homo sapiens ankyrin repeat domain 40 (ANKRD40)	0.022	0.77
INSIG1	INSIG1	Insulin-induced gene 1 (INSIG1)	0.017	0.77
TC256419	XM_589799	Bos taurus similar to zinc finger and BTB domain containing 38 transcript variant 1 (ZBTB38)	0.020	0.77
TC261725	NM_015459	Homo sapiens atlastin GTPase 3 (ATL3)	0.034	0.77
EW054519	NM_014016	Homo sapiens SAC1 suppressor of actin mutations 1-like (yeast) (SACM1L)	0.030	0.77
TC290580	Unknown	Unknown	0.047	0.77
TC297603	Unknown	Unknown	0.048	0.77
BW977049	NM_022750	Homo sapiens poly (ADP-ribose) polymerase family member 12 (PARP12)	0.027	0.77
NR1H3	NM_001101814	Nuclear receptor subfamily 1 group H member 3 (NR1H3)	0.028	0.77
TC265732	Unknown	Unknown	0.049	0.77
TC278658	Unknown	Unknown	0.034	0.77
TC275612	Unknown	Unknown	0.006	0.77
AK236642	BC011558	Homo sapiens nuclear factor (erythroid-derived 2)-like 2 mRNA (cDNA clone MGC:20033 IMAGE:4548874)	0.027	0.77

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Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
AK236072	XM_001150552	Pan troglodytes BTB (POZ) domain containing 7 (BTBD7)	0.010	0.77
TC277856	Unknown	Unknown	0.011	0.77
AK231141	XM_857278	Canis familiaris similar to helicase with zinc finger domain transcript variant 7 (LOC490907)	0.038	0.77
YWHAZ	XM_001927228	Sus scrofa tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta polypeptide (YWHAZ)	0.013	0.77
CX060615	XM_001926596	Sus scrofa similar to HBS1-like protein (LOC100155814)	0.041	0.77
TC273432	NM_001075242	Bos taurus KIAA1737 (KIAA1737)	0.049	0.77
AK233400	BT026260	Bos taurus Wiskott-Aldrich syndrome-like (WASL)	0.028	0.77
BX926031	NR_002323	Homo sapiens taurine upregulated 1 (non-protein coding) (TUG1)	0.001	0.77
AJ963284	Unknown	Unknown	0.000	0.77
DY426447	NM_001081544	Bos taurus leucine zipper down-regulated in cancer 1 (LDOC1)	0.044	0.77
BI399717	Unknown	Unknown	0.030	0.77
AJ655057	NM_003274	Homo sapiens trafficking protein particle complex 10 (TRAPPC10)	0.033	0.78
TC288314	Unknown	Unknown	0.029	0.78
CJ038028	XM_862420	Canis familiaris similar to filamin A interacting protein 1 transcript variant 4 (LOC481882)	0.003	0.78
DY419617	NM_001076046	Bos taurus small nuclear ribonucleoprotein 70kDa (U1) (SNRNP70)	0.044	0.78
AK233061	XM_001926938	Sus scrofa similar to uncharacterized protein C20orf4 homolog (LOC100152525)	0.047	0.78
TC300581	XM_001928761	Sus scrofa similar to EP300 interacting inhibitor of differentiation 1 (LOC100155122)	0.021	0.78
DN103217	XM_847823	Canis familiaris similar to bruno-like 4 RNA binding protein transcript variant 1 (LOC610838)	0.025	0.78
AK236656	NM_001105501	Bos taurus ubiquitin family domain containing 1 (UBFD1)	0.011	0.78
TC298889	Unknown	Unknown	0.026	0.78
EW078178	XM_863956	Bos taurus similar to zinc finger protein 403 transcript variant 2 (GGNBP2) mRNA	0.024	0.78
TC239883	Unknown	Unknown	0.036	0.78
CJ022253	Unknown	Unknown	0.030	0.78
TC272845	Unknown	Unknown	0.040	0.78

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	p-Value	Fold change
PAP7	NM_001009581	Purple acid phosphatase 7 (PAP7)	0.037	0.78
TC283651	Unknown	Unknown	0.008	0.78
TC272853	XM_001916241	Equus caballus SEC31 homolog A (S. cerevisiae) (SEC31A)	0.042	0.78
AK234063	XM_875085	Bos taurus similar to dynactin subunit 4 (Dynactin subunit p62) transcript variant 3 (DCTN4)	0.043	0.79
DB801941	XM_001167842	Pan troglodytes adaptor-related protein complex 3 sigma 2 subunit transcript variant 1 (AP3S2)	0.024	0.79
AJ949764	Unknown	Unknown	0.020	0.79
EW044715	Unknown	Unknown	0.021	0.79
BX926252	Unknown	Unknown	0.031	0.79
AJ955195	XM_001929149	Sus scrofa similar to transmembrane protein 77 (LOC100158051)	0.036	0.79
TC257321	NM_014817	Homo sapiens TLR4 interactor with leucine rich repeats (TRIL)	0.045	0.79
CJ029886	XM_002708672	Oryctolagus cuniculus integrator complex subunit 4 (LOC100350308)	0.023	0.79
TC289051	Unknown	Unknown	0.035	0.79
AK237448	XM_001928092	Sus scrofa similar to Ras-related protein Rab-35 (Rab-1C) (GTP-binding protein RAY) (LOC100151805)	0.033	0.79
TC252571	BC025865	Mus musculus vacuolar protein sorting 37C (yeast) (Vps37c) mRNA	0.015	0.79
AK234427	XM_001928746	Sus scrofa similar to adenosine deaminase-like protein (predicted) (LOC100155388)	0.046	0.79
TC273185	NM_024139	Rattus norvegicus calcium binding protein p22 (Chp)	0.040	0.79
NOG	XM_001104355	Macaca mulatta similar to Noggin precursor (NOG)	0.036	0.79
AJ962580	XM_587548	Bos taurus similar to Inactive phospholipase C-like protein 2 (Phospholipase C epsilon 2) [Phospholipase C-L2; PLC-L(2), or PLC-L2 (PLCL2)]	0.046	0.79
TC275311	Unknown	Unknown	0.031	0.79
TC266450	NM_001034841	Homo sapiens inositol 1 4 5-triphosphate receptor interacting protein-like 2 (ITPRIPL2) transcript variant 2 non-coding RNA	0.035	0.79
AJ943355	XM_001148863	Pan troglodytes haloacid dehalogenase-like hydrolase domain containing 2 transcript variant 5 (HDHD2)	0.020	0.79

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	p-Value	Fold change
CK464272	NM_001167741	Homo sapiens metaxin 3 (MTX3) transcript variant 1	0.027	0.79
AK231096	BC149255	Bos taurus signal-regulatory protein alpha mRNA (cDNA clone IMAGE:8115519)	0.047	0.79
TC278200	XM_001925656	Sus scrofa similar to procollagen type IV alpha 1 (LOC100151842)	0.038	0.79
AK236606	XM_001151850	Pan troglodytes A-kinase anchor protein 11 transcript variant 4 (AKAP11)	0.013	0.79
TC299921	Unknown	Unknown	0.026	0.79
EW027983	NM_025107	Homo sapiens myc target 1 (MYCT1)	0.015	0.79
TC284254	XM_851809	Canis familiaris similar to serine/threonine-protein kinase PRP4K transcript variant 15 (LOC488199)	0.033	0.79
AK237711	XM_001488261	Equus caballus similar to PHD finger protein 6 (LOC100054177)	0.012	0.79
EW589095	Unknown	Unknown	0.047	0.79
AK233313	XM_545906	Canis familiaris similar to SH3 domain and tetratricopeptide repeats 1 (LOC488788)	0.023	0.79
TC300859	AB007872	Homo sapiens zinc finger protein 264 (ZNF264)	0.019	0.80
TC245799	Unknown	Unknown	0.007	0.80
TC255319	XM_001495384	Equus caballus similar to SWI/SNF related matrix associated actin-dependent regulator of chromatin subfamily c member 1 (LOC100064492)	0.028	0.80
EW420742	XM_542033	Canis familiaris similar to immediate early response 2 (LOC484917)	0.025	0.80
AK237711	XM_001488261	Equus caballus similar to PHD finger protein 6 (LOC100054177)	0.009	0.80
AK235686	XM_001925381	Sus scrofa similar to insulin-degrading enzyme (LOC100155309)	0.016	0.80
CV874785	XM_001788601	Bos taurus similar to FIP1-like 1 transcript variant 2 (LOC100138550)	0.029	0.80
AK232495	XM_537970	Canis familiaris similar to gamma-taxilin (Lipopolysaccharide specific response protein 5) (LOC480853)	0.048	0.80
DT325774	XM_001109176	Macaca mulatta similar to solute carrier family 39 (zinc transporter) member 9 transcript variant 2 (LOC712430)	0.034	0.80
AK237044	XM_001499279	Equus caballus similar to ubiquitin-conjugating enzyme E2Z (LOC100069535)	0.034	0.80
TC285668	Unknown	Unknown	0.036	0.80

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	p-Value	Fold change
BX676607	XM_001928537	Sus scrofa similar to platelet receptor Gi24 (LOC100154373)	0.049	0.80
EW369833	XM_606371	Bos taurus par-3 partitioning defective 3 homolog (C. elegans) (PARD3)	0.042	0.80
BP434962	XM_001928205	Sus scrofa similar to T-complex protein 1 subunit alpha (TCP-1-alpha) (CCT-alpha) (LOC100153485)	0.044	0.80
AK238011	NM_001105646	Bos taurus aldehyde dehydrogenase 4 family member A1 (ALDH4A1) nuclear gene encoding mitochondrial protein	0.046	0.80
AK234809	NM_001075556	Bos taurus small nuclear ribonucleoprotein 35kDa (U11/U12) (SNRNP35)	0.012	0.80
AY610027	XM_001926484	Sus scrofa similar to ARV1 homolog (S. cerevisiae) (LOC100151849)	0.008	0.80
AJ944053	XM_507955	Pan troglodytes phosphoinositide-3-kinase adaptor protein 1 (PIK3AP1)	0.012	0.81
TC294130	Unknown	Unknown	0.032	0.81
TC281094	Unknown	Unknown	0.018	0.81
TC246475	Unknown	Unknown	0.033	0.81
DN100853	AF339885	Sus scrofa mannose-6-phosphate/insulin-like growth factor II receptor (m6p/igf2r) mRNA partial cds	0.038	0.81
CN161695	XM_545559	Canis familiaris similar to Integrin alpha-V precursor (Vitronectin receptor alpha subunit) (CD51 antigen) transcript variant 1 (LOC488437)	0.020	0.81
TC270371	Unknown	Unknown	0.006	0.81
TC268131	XM_001150696	Pan troglodytes HMG-BOX transcription factor BBX transcript variant 13 (BBX)	0.042	0.81
DN125536	XM_596205	Bos taurus similar to LEM domain containing 2 transcript variant 1 (LEMD2)	0.029	0.81
AY609497	XM_001488031	Equus caballus similar to tumor suppressor candidate 3 transcript variant 1 (LOC100049974)	0.035	0.81
TC273861	Unknown	Unknown	0.036	0.81
TC268537	AF070556	Homo sapiens tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein theta polypeptide (YWHAQ)	0.001	0.81
BX671510	NM_001075838	Bos taurus myosin ID (MYO1D)	0.009	0.81
DN134244	XM_001106950	Macaca mulatta A kinase (PRKA) anchor protein 2 (AKAP2)	0.022	0.81

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	p-Value	Fold change
EW533203	XM_001139700	Pan troglodytes similar to APOLD1 protein (LOC738701)	0.013	0.81
TC289943	Unknown	Unknown	0.045	0.81
AK232486	NM_001159481	Bos taurus pyruvate dehydrogenase kinase isozyme 2 (PDK2) transcript variant 1	0.042	0.81
TC272320	BC107228	Mus musculus carcinoembryonic antigen-related cell adhesion molecule 19 mRNA (cDNA clone MGC:130156 IMAGE:40051962)	0.026	0.81
TAF1B	TAF1B	TATA box-binding protein-associated factor RNA polymerase I subunit B (TAF1B); [TATA = a DNA sequence that indicates where a genetic sequence can be read and decoded; a type of promoter sequence]	0.045	0.81
DB802589	Unknown	Unknown	0.017	0.81
CF177025	NM_001105048	Bos taurus immunoglobulin superfamily member 1 (IGSF1)	0.034	0.82
TC275305	XM_856269	Canis familiaris similar to RNA-binding protein 6 (RNA binding motif protein 6) (RNA-binding protein DEF-3) (Lung cancer antigen NY-LU-12) (Protein G16) transcript variant 2 (LOC608064)	0.027	0.82
DR066002	BC103112	Bos taurus CD36 molecule (thrombospondin receptor) mRNA (cDNA clone MGC:128284 IMAGE:7985341) complete cds	0.044	0.82
AK232065	NM_020921	Homo sapiens ninein (GSK3B interacting protein) (NIN) transcript variant 2	0.027	0.82
EW120221	NM_001014942	Bos taurus retinoic acid receptor alpha (RARA)	0.022	0.82
TC249497	Unknown	Unknown	0.027	0.82
TC296294	NM_022740	Homo sapiens homeodomain interacting protein kinase 2 (HIPK2) transcript variant 1	0.029	0.82
TC282743	Unknown	Unknown	0.022	0.82
DY405668	AB188402	Sus scrofa CD3Z for CD3 zeta chain CD3 eta chain partial cds alternative splicing	0.024	0.82
CN157435	XM_001918217	Equus caballus cation channel sperm associated 2 (CATSPER2)	0.042	0.82
CF362786	Unknown	Unknown	0.037	0.82
DV224594	Unknown	Unknown	0.045	0.82
TC274382	NM_001101064	Bos taurus TSPY-like 4 (TSPYL4)	0.022	0.82
CK451297	XM_001914696	Equus caballus bromodomain containing 4 (BRD4)	0.018	0.82
TC242066	BC105323	Bos taurus Rho GTPase activating protein 1 mRNA (cDNA clone IMAGE:7945456)	0.030	0.82
EW387350	XM_001928378	Sus scrofa hypothetical protein LOC100155837 (LOC100155837)	0.021	0.82

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
AK231743	NM_001011685	Bos taurus 5 10-methylenetetrahydrofolate reductase (NADPH) (MTHFR)	0.032	0.82
EW475595	XM_001929082	Sus scrofa similar to tetraspanin 15 (LOC100157123)	0.047	0.82
CN158962	NM_001105420	Bos taurus cytoplasmic polyadenylation element binding protein 4 (CPEB4)	0.044	0.82
AK239900	NM_001105370	Bos taurus similar to leucine-rich-domain inter-acting protein 1; LeR inter-acting protein 1; LEAP1 (LOC515042)	0.031	0.83
TC302515	AJ504726	Sus scrofa mut gene for methylmalonyl-CoA mutase exons 1-7	0.012	0.83
TC258946	NM_001102136	Bos taurus nucleoredoxin (NXN)	0.024	0.83
EW575812	XM_001487868	Equus caballus translocated promoter region (to activated MET oncogene) transcript variant 1 (TPR)	0.042	0.83
LOC733605	NM_001044554	Sus scrofa NADH dehydrogenase 1 beta subcomplex 6 (LOC733605)	0.039	0.83
DN108591	XM_001499231	Equus caballus PHD finger protein 20-like 1 (PHF20L1)	0.035	0.83
EW525979	XM_001928262	Sus scrofa similar to B-cell CLL/lymphoma 10 (LOC100153411)	0.016	0.83
TC256227	Unknown	Unknown	0.040	0.83
TC258553	NM_001106592	Rattus norvegicus zinc finger protein 282 (Znf282)	0.042	0.83
TC264353	XM_524602	Pan troglodytes leucine zipper protein 1 transcript variant 3 (LUZP1)	0.013	0.83
EW141994	GU144288	Sus scrofa breed Meishan CDP-diacylglycerol-inositol 3-phosphatidyltransferase (CDIPT) mRNA	0.029	0.83
BX922324	XM_001097043	Macaca mulatta similar to neighbor of BRCA1 gene 1 (LOC708558)	0.037	0.83
TC252375	NG_011605	Homo sapiens optic atrophy 1 (autosomal dominant) (OPA1) on chromosome 3	0.016	0.83
AK233485	Unknown	Unknown	0.023	0.83
TC275758	NM_021705	Homo sapiens nuclear transcription factor Y alpha (NFYA) transcript variant 2	0.029	0.83
CV874400	XR_013993	Macaca mulatta similar to carboxypeptidase D precursor (LOC712407)	0.042	0.83
BP464264	NM_001033763	Bos taurus DnaJ (Hsp40) homolog subfamily B member 1 (DNAJB1)	0.042	0.83
EW622475	Unknown	Unknown	0.027	0.83
NLN	NM_214359	Neurolysin (NLN)	0.025	0.83

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	p-Value	Fold change
BQ599146	XM_001929267	Sus scrofa similar to ubiquinol-cytochrome c reductase binding protein (LOC100157621)	0.035	0.83
TC250527	Unknown	Unknown	0.017	0.83
LOC733594	Unknown	Unknown	0.031	0.83
TC280160	NM_001080267	Bos taurus hypothetical protein LOC512679 (KIAA1549)	0.034	0.83
AJ655828	XM_001088983	Macaca mulatta similar to cytoplasmic polyadenylation element binding protein 3 (LOC698133)	0.047	0.83
AK236892	XM_001087186	Macaca mulatta similar to TGF-beta induced apoptosis protein 12 transcript variant 5 (LOC694549)	0.020	0.84
AK234787	NM_001083760	Bos taurus solute carrier family 30 (zinc transporter) member 7 (SLC30A7)	0.034	0.84
TC285101	Unknown	Unknown	0.009	0.84
TC244961	Q8BU92	RAS protein activator like 2	0.050	0.84
EW417533	Unknown	Unknown	0.033	0.84
BX923434	XR_024055	Pan troglodytes similar to KIAA0178 (SMC1L1)	0.035	0.84
DN101466	XM_585116	Bos taurus similar to axin interaction partner and dorsalization antagonist transcript variant 1 (LOC508353)	0.047	0.84
TC284856	NM_001106613	Rattus norvegicus protein phosphatase 4 regulatory subunit 2 (Ppp4r2)	0.018	0.84
AK233507	XM_541506	Canis familiaris similar to nucleobindin 1 precursor (CALNUC) transcript variant 1 (LOC484391)	0.012	0.84
TC289103	Unknown	Unknown	0.041	0.84
TC293356	XM_001148120	Pan troglodytes limb region 1 protein (LMBR1)	0.024	0.84
LOC733610	XM_001488738	Equus caballus similar to transmembrane protein 59 transcript variant 1 (LOC100050223)	0.044	0.84
AK234479	NM_001045939	Bos taurus glutaryl-coenzyme A dehydrogenase (GCDH) nuclear gene encoding mitochondrial protein	0.027	0.84
CJ029361	XM_001929357	Sus scrofa similar to transcription termination factor RNA polymerase II (LOC100156166) mRNA	0.016	0.84
TC295311	Unknown	Unknown	0.016	0.84
TC289215	XM_001103594	Macaca mulatta similar to hepatic leukemia factor (LOC706623)	0.013	0.84

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
TC256781	XM_510504	Pan troglodytes coronin actin binding protein 2B (CORO2B)	0.021	0.85
TC291534	Unknown	Unknown	0.028	0.85
AK232325	XM_509243	Pan troglodytes PTPRF interacting protein alpha 2 (PPFIA2) mRNA	0.032	0.85
AK235920	XM_001926875	Sus scrofa similar to FYVE and coiled-coil domain containing 1 (LOC100154150)	0.048	0.85
AK233030	NM_004820	Homo sapiens cytochrome P450 family 7 subfamily B polypeptide 1 (CYP7B1)	0.027	0.85
DN100970	Unknown	Unknown	0.049	0.85
BW979660	NM_004428	Homo sapiens ephrin-A1 (EFNA1) transcript variant 1	0.031	0.85
TC262793	BC144616	Homo sapiens family with sequence similarity 63 member B mRNA	0.008	0.85
DV224971	NM_015027	Homo sapiens pyridoxal-dependent decarboxylase domain containing 1 (PDXDC1)	0.043	0.85
TC276349	Unknown	Unknown	0.004	0.85
TC283027	NG_009369	Homo sapiens gap junction protein alpha 5, 40kDa (GJA5), on chromosome 1	0.022	0.85
AK235477	XM_001501249	Equus caballus trinucleotide repeat containing 6A (TNRC6A)	0.010	0.85
BM190617	NM_024776	Homo sapiens NKF3 kinase family member (SGK269)	0.048	0.85
TC261566	XM_001147305	Pan troglodytes required for meiotic nuclear division 5 homolog B transcript variant 8 (RMND5B)	0.042	0.85
AK233115	NM_001076539	Bos taurus zinc finger protein 574 (ZNF574)	0.046	0.85
TC287870	NM_001077984	Bos taurus RNA polymerase II associated protein 1 (RPAP1)	0.013	0.86
CK453045	XM_518711	Pan troglodytes karyopherin alpha 5 (importin alpha 6) (KPNA5)	0.016	0.86
P2RY2	P2RY2	Purinergic receptor P2Y2 (P2RY2)	0.045	0.86
BX664868	NM_001046448	Bos taurus tetraspanin 14 (TSPAN14)	0.049	0.86
BP440893	NM_001046478	Bos taurus rhomboid domain containing 2 (RHBDD2)	0.047	0.86
AK237910	NG_011499	Homo sapiens JAZF zinc finger 1 (JAZF1) on chromosome 7	0.026	0.86
TC253559	Unknown	Unknown	0.036	0.86
AJ684796	BC120080	Bos taurus calmodulin 3 (phosphorylase kinase delta) mRNA (cDNA clone MGC:140648 IMAGE:8272819)	0.023	0.86

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
VWF	AF052036	von Willebrand factor (VWF)	0.023	0.86
AK234934	NM_001131045	Sus scrofa solute carrier family 39 (zinc transporter) member 7 (SLC39A7)	0.007	0.86
AK235860	NM_001166044	Sus scrofa cyclin-dependent kinase 9 (CDK9)	0.044	0.86
EW618205	Unknown	Unknown	0.045	0.86
CX064989	Unknown	Unknown	0.037	0.86
DY413627	XP_001926148	Similar to KIAA1398 protein	0.024	0.86
NCOA1	NM_001025228	Nuclear receptor coactivator 1 (NCOA1)	0.022	0.86
CV874500	Unknown	Unknown	0.036	0.87
TC276672	AK127343	Homo sapiens cDNA FLJ45415 fis clone BRHIP3033734 highly similar to Protein FAM53B	0.029	0.87
TC261431	Unknown	Unknown	0.039	0.87
MITF	GU097381	Sus scrofa microphthalmia-associated transcription factor isoform A (MITF) mRNA complete cds alternatively spliced	0.008	0.87
AK233061	XM_001926938	Sus scrofa similar to uncharacterized protein C20orf4 homolog (LOC100152525)	0.010	0.87
TC252427	X68453	Sus scrofa mRNA for tubulin-tyrosine ligase	0.016	0.87
TC259850	XM_001503832	Equus caballus similar to coiled-coil domain containing 28B (LOC100070339)	0.010	0.87
AK237279	NM_001034374	Bos taurus microtubule-associated protein RP/EB family member 2 (MAPRE2)	0.025	0.88
DN107664	XM_596055	Bos taurus similar to AT rich interactive domain 2 (ARID RFX-like) (ARID2)	0.018	0.88
TC239752	AF097750	Gallus gallus chromatin assembly factor 1 p48 subunit mRNA	0.044	0.88
TC277649	NM_001015627	Bos taurus resistance to inhibitors of cholinesterase 8 homolog A (C. elegans) (RIC8A)	0.043	0.88
AY609407	XM_001926939	Sus scrofa similar to syndecan 2 (LOC100152754)	0.024	0.88
CF359413	NM_001132379	Pongo abelii Der1-like domain family member 1 (DERL1)	0.032	0.88
TC270932	XM_001253150	Bos taurus prothymosin alpha (PTMA)	0.025	0.88
TC290163	AY550038	Sus scrofa ribosomal protein S28 (RPS28)	0.028	0.88
TC263689	O77783	Bos taurus exostoses (multiple) 2 (EXT2)	0.034	0.88

Supplemental Table 2, Continued

Gene ID	Accession No.	Gene name	<i>p</i> -Value	Fold change
CN030549	XM_591968	Bos taurus similar to aurora borealis transcript variant 1 (LOC514162)	0.021	0.89
EW570014	XM_001925192	Sus scrofa similar to transmembrane 9 superfamily member 3 precursor (SM-11044-binding protein) (EP70-P-iso) (LOC100157588)	0.036	0.89
TC272557	NM_001075824	Bos taurus tripartite motif-containing 32 (TRIM32)	0.033	0.89
TC248797	Unknown	Unknown	0.025	0.90
BP171980	XM_001254303	Bos taurus similar to ubiquitin specific protease 48 (USP48)	0.016	0.90
AK235128	XM_001104624	Macaca mulatta v-akt murine thymoma viral oncogene homolog 3 (AKT3)	0.041	0.90
TC297181	AF196186	Homo sapiens atypical PKC isotype-specific interacting protein short variant mRNA complete cds	0.041	0.91
DN117823	Q34177	NADH-ubiquinone oxidoreductase chain 5	0.037	0.92
IFNGR2	NM_001111258	Interferon gamma receptor 2 (IFNGR2)	0.041	0.93

* Determined by the microarray analysis of gene expression.