

Webtable 3

Main functional roles of the identified genes that are differentially regulated between deceased and live kidney donors in the tubulointerstitial compartment. The numbers represent the log 2 of relative expression compared to standard human mRNA to allow display of suppressed genes as negative values. Analytical settings: no filter criteria (100 %) of spotted sequences, $SD \geq 1.6$ in the cluster algorithm, maxT adjustment for multiple testing and Jackknife sensitivity analysis ($p < 0.1$).

Gene Symbol	Gene Name	Accession number	TI Expression CAD	LIV
Immune response				
SPP1	secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)	AA775616	5.9	2.5
GBP3	guanylate binding protein 3	R78509	2.4	-0.7
Hemostasis				
SERPINA3	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3	AA704242	1.7	-2.6
Metabolism (carbohydrate)				
LOC129530	hypothetical protein LOC129530	AA779725	3.5	0.8
LOC129530	hypothetical protein LOC129530	AA954529	3.5	0.6
GCNT3	glucosaminyl (N-acetyl) transferase 3, mucin type	AI955582	3.0	0.3
Metabolism (general)				
SOD2	superoxide dismutase 2, mitochondrial	W78148	4.5	0.5
SOD2	superoxide dismutase 2, mitochondrial	T60269	3.7	-0.4
SOD2	superoxide dismutase 2, mitochondrial	AA487750	3.5	0.3
GPX2	glutathione peroxidase 2 (gastrointestinal)	AA135152	2.4	-2.1
Cell cycle / Cell division / Cell proliferation				
RARRES1	retinoic acid receptor responder (tazarotene induced) 1	AI261360	5.6	1.0
ITGB6	integrin, beta 6	AA486731	4.6	1.8
XLKD1	extracellular link domain containing 1	H02823	4.4	1.5
STAT1	signal transducer and activator of transcription 1, 91kDa	AA076085	1.9	-1.8
HIF1A	hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	W47003	0.9	-2.1
ADAMTS1	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 1	R76276	0.9	-1.8

Gene Symbol	Gene Name	Accession number	TI Expression	
			CAD	LIV
others				
C1orf34	chromosome 1 open reading frame 34	AA886199	3.2	-0.1
not annotated				
	Homo sapiens, clone IMAGE:5191182, mRNA	AA865821	6.8	2.8
	Homo sapiens HC6 (HC6) mRNA, complete cds	AA235392	4.2	1.2
NSE1	NSE1	AI123932	2.8	-0.5
FLJ22573	hypothetical protein FLJ22573	AA701412	2.6	-0.5
	Homo sapiens cDNA FLJ36690 fis, clone UTERU2008707, highly similar to COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).	AA041382	2.6	-0.8
	Homo sapiens clone DNA26288 WLRW300 (UNQ300) mRNA, complete cds	AA774524	2.5	-1.1
FLJ22004	hypothetical protein FLJ22004	H98233	2.2	-0.8