

Supplementary Table 1

Upregulated (>2 fold) tubular transcripts (5 weeks)		q value	Downregulated (<-2 fold) tubular transcripts (5 weeks)		q value
Osteopontin*	Spp1	1.91E-08	Kidney androgen regulated protein*	Kap	<0.00001
Kidney Injury Molecule-1*	KIM-1	0.0000472	Solute carrier family 22, member 25*	Slc22a25	0.0002
Solute carrier family 12 (sodium / chloride transporters), member 3	Slc12a3	0.0000727	UDP glucuronosyltransferase 2 family, polypeptide B36*	Ugt2b36	0.0013
A disintegrinase and metallopeptidase with thrombospondine motifs type 1*	Adamts1	0.0012	Alcohol dehydrogenase 1 (class I)	Adh1	0.0033
Sclerostin domain containing 1	Sostdc1	0.0016	Tumor necrosis factor, alpha-induced protein 8	Tnfaip8	0.0037
Tropomyosin 1, alpha*	Tpm1	0.0033	Glycine dehydrogenase (decarboxylating)*	Gldc	0.0054
Gap junction protein, alpha 1*	Gja1	0.0033	Serologically defined colon cancer antigen 10	Sdccag10	0.0071
Uncoupling protein 2	Ucp2	0.005	Solute carrier family 25, member 30	Slc25a30	0.0071
Calbindin	Calb1	0.0054	Myo-inositol oxygenase	Miox	0.0135
Tripartite motif containing 2	Trim2	0.0071	Gap junction protein, beta 2	Gjb2	0.0135
Tetraspanin 12	Tspan12	0.0077	SET domain containing 3	Setd3	0.0141
AHNAK nucleoprotein	Ahnak	0.0079	BE108415		0.0141
Similar to liver- specific bHLH-Zip transcription factor		0.0079	Aldo-keto reductase family 1, member C12*	Akr1c12	0.0147
S100 calcium binding protein A11 (calizzarin)*	S100a11	0.0122	Xylulokinase homolog (H. influenzae)	Xylb	0.0177
Vimentin*	Vim	0.0177	BF546770		0.0186
Complement factor I*	Cfi	0.0177	Kynurenine -3- monooxygenase (kynurenine 3- hydroxylase)*	Kmo	0.0188

Platin 3 (T-isoform)	Pls3	0.0177	Similar to RIKEN cDNA 1810022C23		0.0198
Annexin A5*	Anxa5	0.0177	Biphenyl hydrolase-like (serine hydrolase)*	Bphl	0.0199
Hypothetical protein LOC500956		0.0177	Sushi domain containing 2	Susd2	0.0199
Similar to Myosin regulatory light chain 2-A, smooth muscle isoform		0.0183	Solute carrier family 17 (sodium phosphate), member 3	Slc17a3	0.0209
WNK lysine deficient protein kinase 1	Wnk1	0.0186	Carboxymethylene-butenolidase homolog (Pseudomonas)	Cmb1	0.0231
Schlafen 8*	Slfn8	0.0188	Kynurenine aminotransferase III	Kat3	0.0231
Complement component 4, gene 2*	C4-2	0.0201	BI293434		0.028
Tropomyosin 4	Tpm4	0.0212	BF390386		0.029
S100 calcium binding protein A10*	S100a10	0.0218	Regucalcin (sencence marker protein-30)*	Rgn	0.0297
Proteolipid protein 2 (colonic epithelium-enriched)	Plp2	0.0302	Acyl-Coenzyme A oxidase 1, palmitoyl	Acox1	0.0313
Glycogenin 1	Gyg1	0.0318	Sulfotransferase family, cytosolic, 1C, member 2	Sult1c2	0.0318
Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, zeta*	Nfkbiz	0.0355	BG378730		0.0318
Partner of NOB1 homolog (S. cerevisiae)	Pno1	0.0379	M-phase phosphoprotein 8	Mphosph8	0.032
BI291848		0.0426	AI169347		0.032
Growth arrest specific 6	Gas6	0.0477	Pregnancy zone protein	Pzp	0.0364
CD24 molecule	CD24	0.0488	Similar to RIKEN cDNA C630028N24 gene		0.0375
			Cyclin T2	Ccnt2	0.0409
			Homogentisate 1, 2-dioxygenase	Hgd	0.0431
			RAB7, member RAS oncogene family-like 1	Rab7l1	0.0462

			Integral membrane transport protein UST5r	Ust5r	0.0467
			AA945938		0.0467
			Aminoadipate aminotransferase	Aadat	0.0472
			Debranching enzyme homolog 1 (S. cerevisiae)	Dbr1	0.0488
			Hydroxyacyl-Coenzyme A dehydrogenase	Hadh	0.0488
			Solute carrier family 17 (anion/sugar transporter), member 5	Slc17a5	0.0498
			Leucine rich repeat containing 8 family, member D	Lrrc8d	0.0498