

TAG count in ROP-Os	TAG count in C57-Os	Genes concordantly regulated between mouse model and human Glomerulus	log Fold Change	q value	Genes concordantly regulated between mouse model and human tubuloninterstitium	log Fold Change	q value
0	7	Slc22a6	-0.42	0	Slc22a6	-0.22	0
0	9	Slc4a4	-0.32	0			
1.35	13	Aqp1	-0.30	0			
5.4	0	Psmb5	0.21	0			
5.4	0	Pcbp1	0.24	0			
5.4	0	Psma3	0.31	0			
6.75	20	Pdzk1ip1	-0.15	0.02			
74.25	45	Igfbp7	0.14	0.02			
12.15	3	Mdh2	0.16	0.02			
9.45	0	Vamp8	0.11	0.03			
8.1	1	Tmbim4	0.12	0.03			
5.4	0	Ndufb11	0.21	0.03			
4.05	16	Lifr	-0.09	0.05	Lifr	-0.27	0.00
12.15	3	Sod1	0.06	0.09			
16.2	6	Herpud1	-0.07	0.14			
2.7	13	Atp6v1a	-0.03	0.15			
8.1	42	Nrp2b	-0.03	0.15			
2.7	12		0.11	0.11	ld2	-0.40	0.00

Table 5. Concordantly regulated SAGE transcripts from the ROP-Os/+ mouse model (as compared to C57-Os) and transcripts derived from microarray of human kidney biopsies from patients with FSGS (as compared to normal controls).