

Table S2. Transcriptional regulators common to mpkCCD and IMCD cells with previously reported roles in AQP2 transcriptional regulation, but not identified as conserved motifs in Genomatix analysis (Fig. 1)

Gene symbol	Gene name	Ratio (11/2)	Correlation coefficient	p value	mpkCCD signal	IMCD signal
AP1 (activating protein 1)						
Jund1	Jun proto-oncogene related gene d1	0.80	-0.48	0.34	6.51	22.05
Jun	Jun oncogene	1.01	-0.41	0.41	2.52	33.72
Junb	Jun-B oncogene	1.42	0.90	0.01*	1.22	12.66
Fos	FBJ osteosarcoma oncogene	0.87	-0.59	0.22	1.21	35.64
Fosl2	fos-like antigen 2	0.58	-0.92	0.01*	0.72	1.90
Fosl1	fos-like antigen 1	0.93	0.37	0.47	0.42	5.99
NFKB (nuclear factor kappa B/c-rel)						
Rela	v-rel reticuloendotheliosis viral oncogene homolog A	1.58	0.97	0.00*	4.43	2.29
Nfkb1	nuclear factor of kappa light chain gene enhancer in B-cells 1 p105	1.21	0.81	0.04*	1.12	2.21
Nfkb2	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 p49/p100	0.86	0.33	0.52	0.74	1.18
SP1 (GC-Box factors SP1/GC)						
Sp1	trans-acting transcription factor 1	1.09	0.59	0.22	5.16	2.19
Klf9	Kruppel-like factor 9	1.58	0.90	0.01*	1.75	9.44
Klf10	Kruppel-like factor 10	0.70	-0.29	0.58	0.97	14.99

* significance test for correlation ($p < 0.05$).