Time Course of Renal Transcriptomics after Subchronic Exposure to Ochratoxin A in Fisher Rats

Laura Pastor, Ariane Vettorazzi, Elizabeth Guruceaga and López de Cerain A

Table S1. DEG obtained in F344 rats after OTA treatment (7 or 21 days) with logFC higher or lower than |1.5| that were exclusively modified in females.

Gene Name	Gene Description	LogFC	
		7 days	21 days
	7 & 21 days		
Akr1b7	aldo-keto reductase family 1, member B7	−2.99	−5.37
Cmtm2a	CKLF-like MARVEL transmembrane domain containing 2A	−1.61	−1.96
	7 days		
Cxcl13	chemokine (C-X-C motif) ligand 13	1.52	
Bcl6	B-cell CLL/lymphoma 6	1.60	
Alox15b	arachidonate 15-lipoxygenase, type B	1.70	
	21 days		
Nxpe2	neurexophilin and PC-esterase domain family, member 2		−3.44
Spetex-2G	Spetex-2G protein		−3.11
Spetex-2H	Spetex-2H protein		−3.09
LOC102557499	uncharacterized LOC102557499		−3.02
Spetex-2D	Spetex-2D protein		−2.93
LOC102547212	disks large homolog 5-like		−2.76
Spetex-2E	Spetex-2E protein		−2.69
Spetex-2F	Spetex-2F protein		−2.54
LOC102547093	uncharacterized LOC102547093		−2.54
LOC102549465	disks large homolog 5-like		−2.52
Akap17b	A kinase (PRKA) anchor protein 17B		−2.50
Ly6i	lymphocyte antigen 6 complex, locus I		−2.45
LOC102546376	disks large homolog 5-like		−2.44
Adh6	alcohol dehydrogenase 6 (class V)		−2.30
Slc17a9	solute carrier family 17 (vesicular nucleotide transporter), member 9		−2.12
Akr1c2	aldo-keto reductase family 1, member C2		−2.10
Cntnap4	contactin associated protein-like 4		−2.05
LOC498470	similar to Spetex-2C protein		−2.01
Unc93a	unc-93 homolog A (C. elegans)		−1.89
LOC498465	similar to RIKEN cDNA 1700001F09		−1.84
LOC680656	hypothetical protein LOC680656		−1.76
Cnr1	cannabinoid receptor 1 (brain)		−1.76
Mall	mal, T-cell differentiation protein-like		−1.74
Col24a1	collagen, type XXIV, alpha 1		−1.68
Col17a1	collagen, type XVII, alpha 1		−1.57
Sectm1b	secreted and transmembrane 1B		1.76
Fkbp5	FK506 binding protein 5		2.03
Mybl1	myeloblastosis oncogene-like 1		2.34

Table S2. DEG obtained in F344 rats after OTA treatment (7 and 21 days) with logFC higher or lower than |1.5| that were exclusively modified in males.

Gene Name	Gene Description	LogFC	
		7 days	21 days
	7 & 21 days		
Cyp2c11	cytochrome P450, subfamily 2, polypeptide 11	−1.96	−4.43
	7 days		
Ucp1	uncoupling protein 1 (mitochondrial, proton carrier)	−2.72	
Thrsp	thyroid hormone responsive	−2.55	
Fabp4	fatty acid binding protein 4, adipocyte	−1.74	
Cml2	camello-like 2	2.23	
	21 days		
Slco1a1	solute carrier organic anion transporter family, member 1a1		−5.26
Dhrs7	dehydrogenase/reductase (SDR family) member 7		−4.49
LOC102550584	hornerin-like		−3.18
RGD1564999	similar to isopentenyl-diphosphate delta isomerase 2		−2.84
Cyp2d1	cytochrome P450, family 2, subfamily d, polypeptide 1		−2.35
LOC100364391	dehydrogenase/reductase (SDR family) member 7-like		−2.27
Cml3	camello-like 3		−2.15
Cyp2d5	cytochrome P450, family 2, subfamily d, polypeptide 5		−2.13
Gc	group specific component		−2.07
Slc51b	solute carrier family 51, beta subunit		−2.02
Oosp1	oocyte secreted protein 1		−1.92
Gucy1b2	guanylate cyclase 1, soluble, beta 2		−1.74
Tmem236	transmembrane protein 236		−1.71
Anxa13	annexin A13		−1.69
Nefm	neurofilament, medium polypeptide		−1.57
Mlc1	megalencephalic leukoencephalopathy with subcortical cysts 1		−1.57
Slc22a22	solute carrier family 22 (organic cation transporter), member 22		−1.53
Egr1	early growth response 1		1.53
Cyp24a1	cytochrome P450, family 24, subfamily a, polypeptide 1		1.54
S100g	S100 calcium binding protein G		1.58
Fam129a	family with sequence similarity 129, member A		1.66
Clmp	CXADR-like membrane protein		1.81