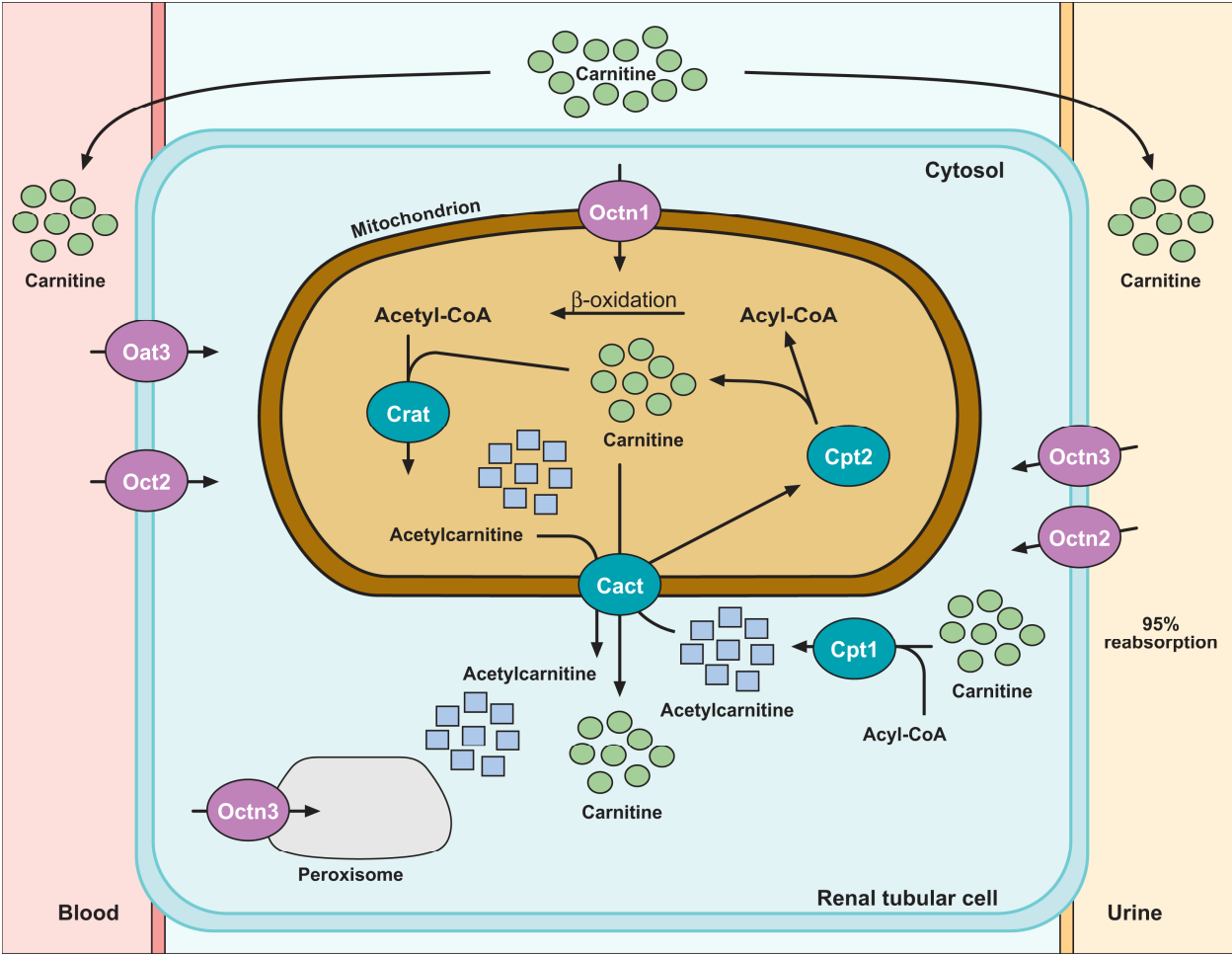


Supplementary Figure Legend

Supplementary Figure S1.

Schematic of genes involved in carnitine homeostasis and fatty acid catabolism in renal tubular cells. The increase in β -oxidation of fatty acids enhances the supply of acetyl-coenzyme A used for the generation of ATP. *Abbreviations:* acyl-CoA, acyl-coenzyme A; Cact, carnitine-acylcarnitine translocase (*Slc25a20*); Cpt, carnitine-palmitoyltransferase; Crat, carnitine acetyltransferase; Oat3, organic anion transporter 3 (*Slc22a8*); Oct, organic cation transporter; Octn, novel organic cation transporter.

Supplementary Figure S1



Supplementary Table S1.

Gene expression changes in kidney of wildtype mice and Oct1/2(-/-) mice at baseline and 72 h after cisplatin (10 mg/kg).

Gene	Common alias	Wildtype mice		Oct1/2(-/-) mice		Untreated	Treated
		% difference (treated vs baseline)	P-value	% difference (treated vs baseline)	P-value	P-value (WT vs KO)	P-value (WT vs KO)
<i>Cyp2e1</i>	CYP2E1	-281	0.015	-42	0.019	0.39	0.043
<i>Mapk14</i>	P38 MAPK	+57	0.13	+82	0.0040	0.88	0.41
<i>Tnf-α genes</i>							
<i>Cxcl2</i>	MIP-2	+2,740	0.0015	+1,110	0.00003	0.65	0.046
<i>Cxcl10</i>	IP-10	+305	0.0006	+147	0.0014	0.60	0.018
<i>Tnfrsf1α</i>	TNFR2	+190	0.00004	+147	0.004	0.74	0.14
<i>Tgfb1</i>	TGF-β	+333	0.0004	+82	0.014	0.45	0.016
<i>Ccl2</i>	MCP-1	+1,897	0.0008	+407	0.015	0.23	0.019
<i>Ccl5</i>	RANTES	+416	0.051	+99	0.25	0.90	0.018
<i>Icam1</i>	ICAM-1	+662	0.0002	+279	0.0011	0.25	0.021
<i>Il-1β</i>	IL-1β	+214	0.070	+30	0.32	0.70	0.20
<i>Ppar-α genes</i>							
<i>Ppar-α</i>	PPAR-α	-20	0.32	+3	0.70	0.97	0.28
<i>Acox1</i>	Acyl-CoA	-66	0.0023	-8	0.45	0.85	0.011
<i>Rxr-α</i>	RXR-α	-49	0.13	-51	0.029	0.73	0.51
<i>Ppargc1α</i>	PGC-1	-105	0.0058	-40	0.12	0.34	0.016

Abbreviations: WT, wildtype mice; KO, Oct1/2(-/-) mice. Data represent the mean percent difference from baseline from 4 animals per group.