Title
Retinal Vascular Abnormalities and Microglia Activation in Mice with Deficiency in Cytochrome P450 46A1–Mediated Cholesterol Removal

Journal
American Journal Of Pathology, 189(2)

ISSN
0002-9440

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Publication Date
2019-02-01

DOI
10.1016/j.ajpath.2018.10.013

Supplemental Table S2. Statistical analyses by a two-tailed, unpaired Student's *t*-test of the gene expression in bone marrow–derived macrophages.

Genotypes / Genes	Basal expression, *Cyp46a1*$^{-/-}$ *vs* C57BL/6J;129S6/SvEv	Basal expression, *Cyp27a1*$^{-/-}$ *Cyp46a1*$^{-/-}$ *vs* C57BL/6J;129S6/SvEv	Basal expression, *Cyp27a1*$^{-/-}$ *vs* C57BL/6J	LPS-stimulation, *Cyp46a1*$^{-/-}$ *vs* C57BL/6J;129S6/SvEv	LPS-stimulation, *Cyp27a1*$^{-/-}$ *Cyp46a1*$^{-/-}$ *vs* C57BL/6J;129S6/SvEv	LPS-stimulation, *Cyp27a1*$^{-/-}$ *vs* C57BL/6J	LPS-stimulation *vs* basal expression, C57BL/6J;129S6/SvEv	LPS-stimulation *vs* basal expression, *Cyp46a1*$^{-/-}$	LPS-stimulatiom *vs* basal expression, *Cyp27a1*$^{-/-}$ *Cyp46a1*$^{-/-}$	LPS-stimulation *vs* basal expression, C57BL/6J	LPS-stimulation *vs* basal expression, *Cyp27a1*$^{-/-}$
Lxrα	****	***	****	**	****	**	****	**	****	****	**
Lxrβ	***	****	****			****	****	****	****	****	****
Abca1	****		****		*	***	****	****	****	****	****
Abcg1	***				***	****	****	****	****	****	****
Apod	**	**	****	**	***		***	**	***	****	***
Apoe		****		**	*		****	****	****	****	**
ArgII	***	***	****	****	***	****	***	*	****	****	**
Idol	****		***	***	***		****	****	***	***	****
Mertk	****	*	****		*		****	****	****	****	****
Ccl2	****	****	****	****	****	****	****	****	****	****	****
Cox-2	*	*	****				****		****	****	****
Cxcl1	****	****	****	****	****		****	****	****	****	****
Il-1β			*			*	****	****	****	*	*
Il-6		****				***	****	***	****	****	****
iNos	**		**	****	**		****	****	****	****	****
Tnfα	*	**		****	***		****	****	****	****	****

*$P < 0.05$, **$P < 0.01$, ***$P < 0.001$, and ****$P < 0.0001$.