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Title

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

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Authors

Saadane, Aicha
Mast, Natalia
Trichonas, George
[et al.](#)

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

Genes	Geno- types	Basal expression, <i>Cyp46a1</i> ^{-/-} vs C57BL/6J;129S6/SvEv	Basal expression, <i>Cyp27a1</i> ^{-/-} <i>Cyp46a1</i> ^{-/-} vs C57BL/6J;129S6/SvEv	Basal expression, <i>Cyp27a1</i> ^{-/-} vs C57BL/6J	LPS-stimulation, <i>Cyp46a1</i> ^{-/-} vs C57BL/6J;129S6/SvEv	LPS-stimulation, <i>Cyp27a1</i> ^{-/-} <i>Cyp46a1</i> ^{-/-} vs C57BL/6J;129S6/SvEv	LPS-stimulation, <i>Cyp27a1</i> ^{-/-} vs C57BL/6J	LPS-stimulation vs basal expression, C57RI /6J;129S6/SvEv	LPS-stimulation vs basal expression, <i>Cyp46a1</i> ^{-/-}	LPS-stimulation vs basal expression, <i>Cyp27a1</i> ^{-/-} <i>Cyp46a1</i> ^{-/-}	LPS-stimulation vs basal expression, C57BL/6J	LPS-stimulation vs basal expression, <i>Cyp27a1</i> ^{-/-}
<i>Lxra</i>		****	**	****	*	****	**	****	**	****	****	**
<i>Lxrβ</i>		**	****	****			****	****	****	****	****	****
<i>Abca1</i>		****		****	*		**	****	****	****	****	****
<i>Abcg1</i>		**				**	****	****	****	****	****	****
<i>Apod</i>		**	**	****	*	**	**	**	*	**	****	**
<i>ApoE</i>			****		*	*		****	****	****	****	*
<i>ArgII</i>		**	**	****	****	**	****	**	*	****	****	**
<i>Idol</i>		****		**	**	**		****	****	**	**	****
<i>Mertk</i>		****	*	****	*			****	****	****	****	****
<i>Ccl2</i>		****	****	****	****	****	****	****	****	****	****	****
<i>Cox-2</i>		*	*	****				****		****	****	****
<i>Cxcl1</i>		****	****	****	****	****		****	****	****	****	****
<i>Il-1β</i>				*			*	****	****	****	*	*
<i>Il-6</i>			****				**	****	**	****	****	****
<i>iNos</i>		**		**	****	**		****	****	****	****	****
<i>Tnfa</i>		*	**		****	**		****	****	****	****	****

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