

Supplementary Table S1

Gene symbol	Relative Quantity ($2^{-\Delta CT}$)		Fold change ($2^{-\Delta\Delta CT}$)	
	<i>Nxnl1</i> ^{+/+}	<i>Nxnl1</i> ^{-/-}	<i>Nxnl1</i> ^{+/+}	<i>Nxnl1</i> ^{-/-}
<i>Edn2</i>	0.215	3.180	0.917-1.121	0.490-0.826
<i>Son</i>	2.910	5.170	0.963-1.037	1.740-1.813
<i>Rpgr1</i>	1.558	0.889	0.930-1.080	0.520-0.620
<i>Fabp4</i>	1.181	0.400	0.931-1.069	0.329-1.007

Supplementary Table S3

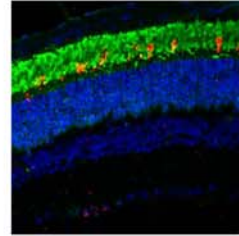
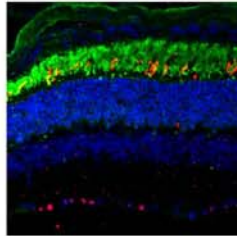
Gene symbol	Relative Quantity ($2^{-\Delta CT}$)		Fold change ($2^{-\Delta\Delta CT}$)	
	<i>Nxn1</i> ^{+/+} (Hyp.)	<i>Nxn1</i> ^{-/-} (Hyp.)	<i>Nxn1</i> ^{+/+} (Hyp.)	<i>Nxn1</i> ^{-/} (Hyp.)-
<i>M-opsin</i>	0.225	0.107	0.859-1.164	0.281-0.8074
<i>S-opsin</i>	0.615	0.483	0.827-1.173	0.463-0.671

Nxn11 +/+

Nxn11 -/-

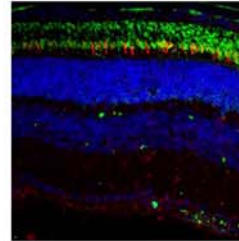
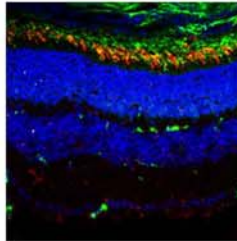
A.7 months

RPE
ONL
INL



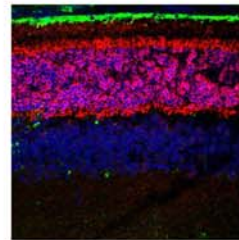
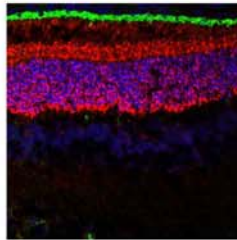
Rhodopsin/M-Opsin

RPE
ONL
INL



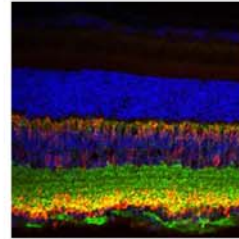
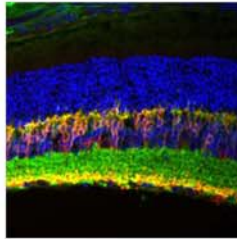
Rhodopsin/S-Opsin

RPE
ONL
INL



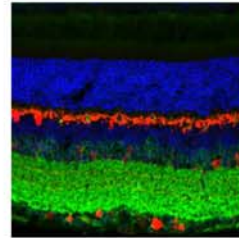
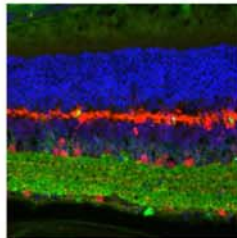
RPE 65/Recoverin

RPE
ONL
INL



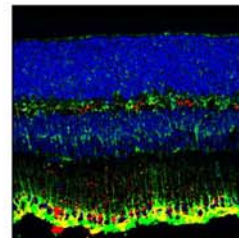
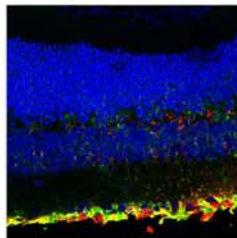
Go alpha/PKC alpha

RPE
ONL
INL



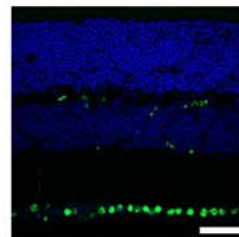
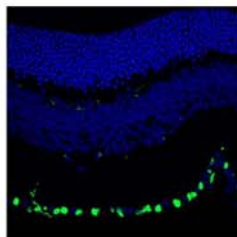
Calbindin/Syntaxin

RPE
ONL
INL



GFAP/Glutamine synthetase

ONL
INL
GCL



Brn3a

Nxn11 +/+

Nxn11 -/-

RPE

ONL

INL

RPE

ONL

INL

RPE

ONL

INL

RPE

ONL

INL

RPE

ONL

INL

RPE

ONL

INL

ONL

INL

GCL

Rhodopsin/M-Opsin

Rhodopsin/S-Opsin

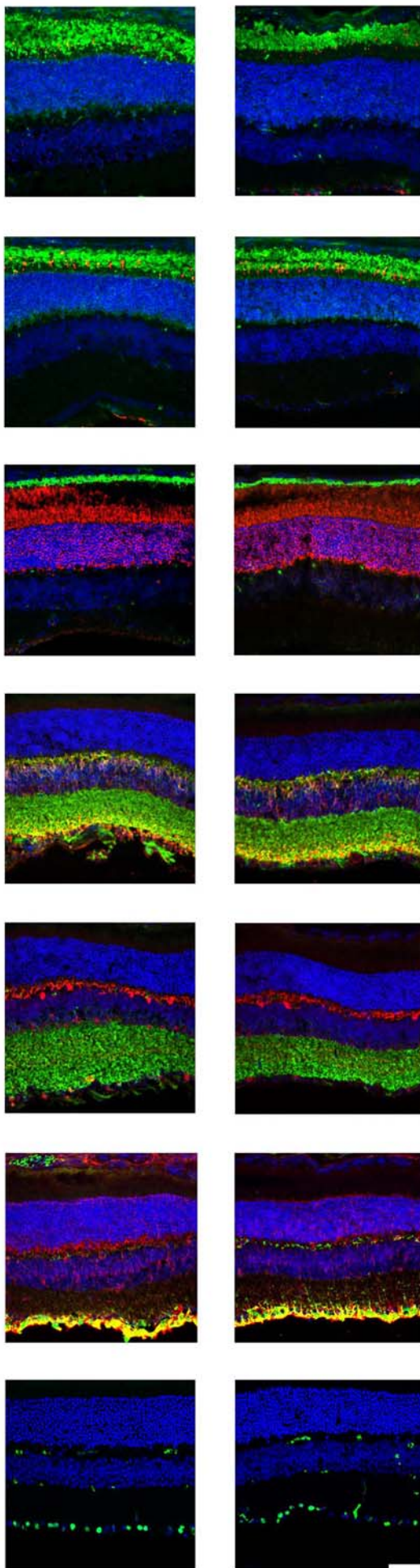
RPE 65/Recoverin

Go alpha/PKC alpha

Calbindin/Syntaxin

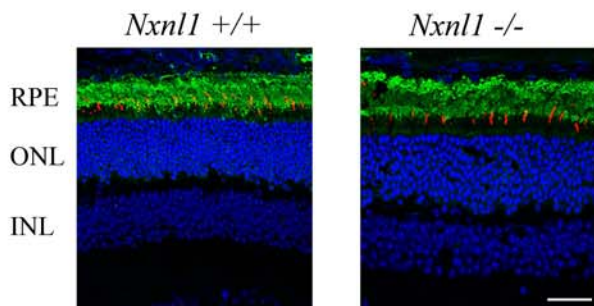
GFAP/Glutamine synthetase

Brn3a

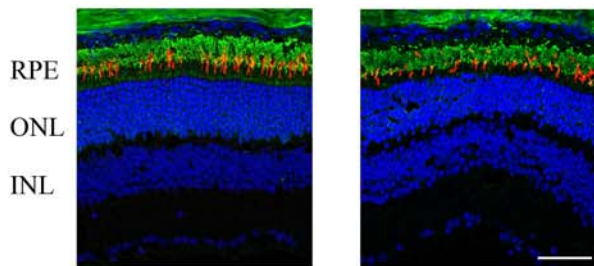


inserm-00465893, version 1 - 22 Mar 2010

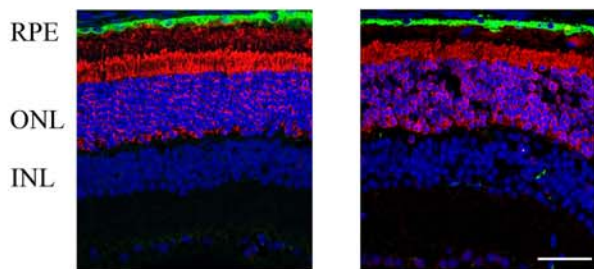
Rhodopsin/M-Opsin



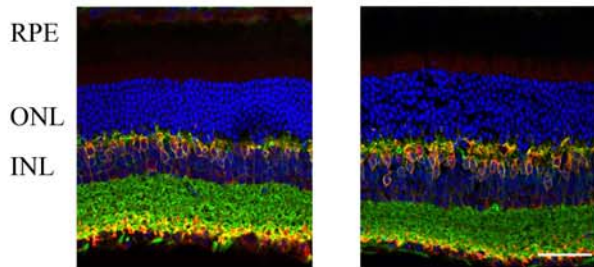
Rhodopsin/S-Opsin



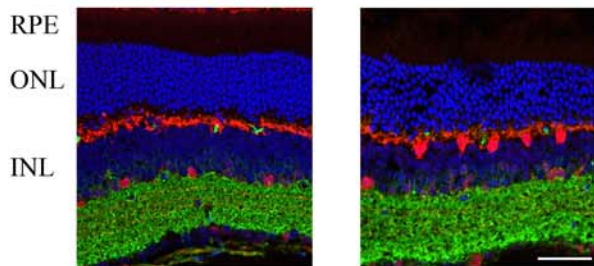
RPE 65/Recoverin



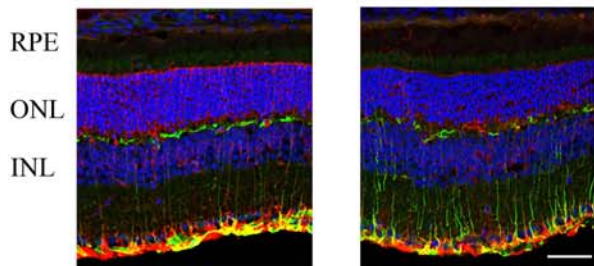
Go alpha/PKC alpha



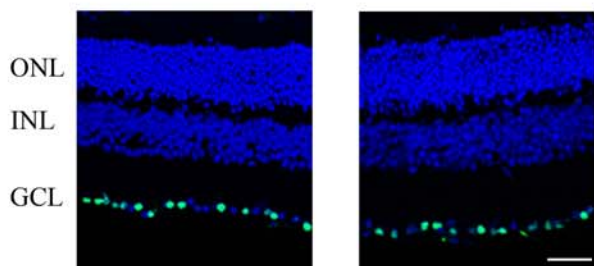
Calbindin/Syntaxin

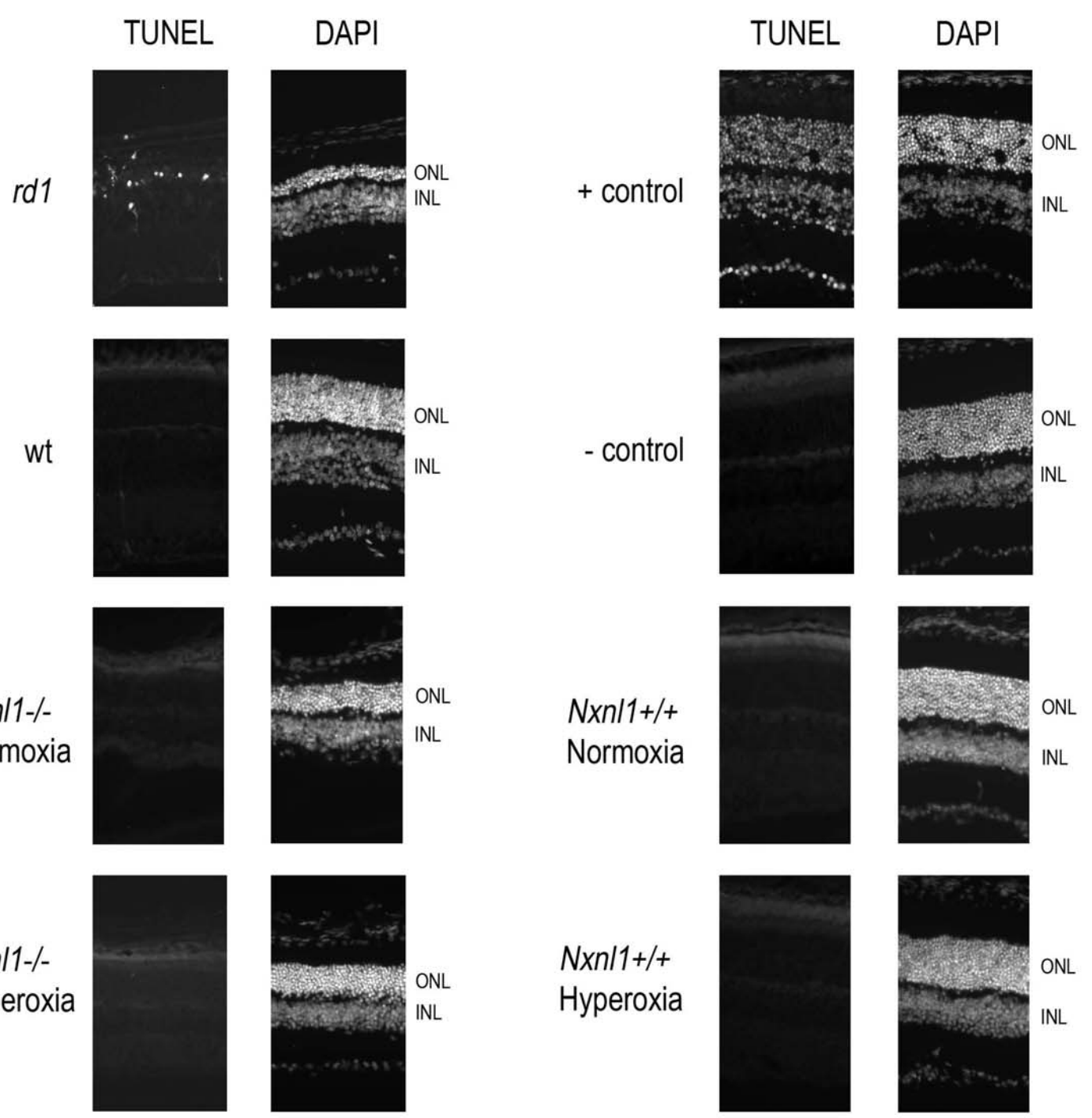


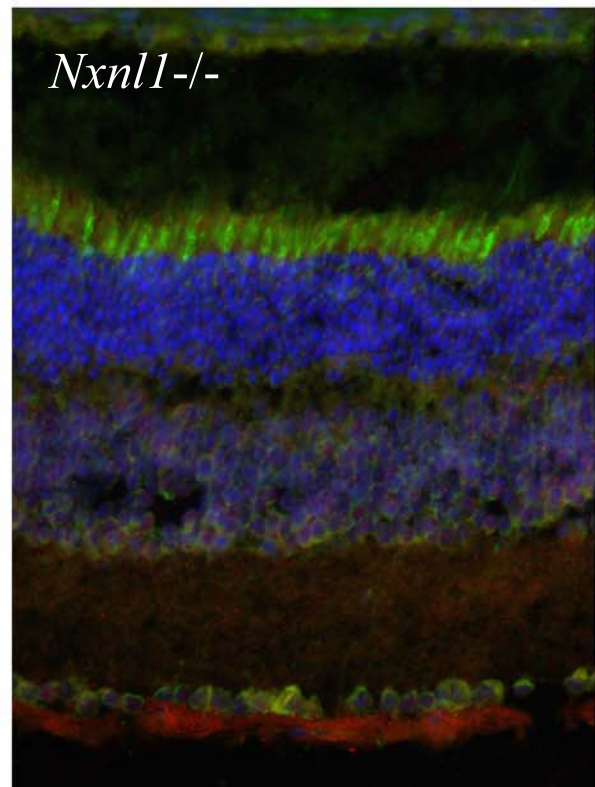
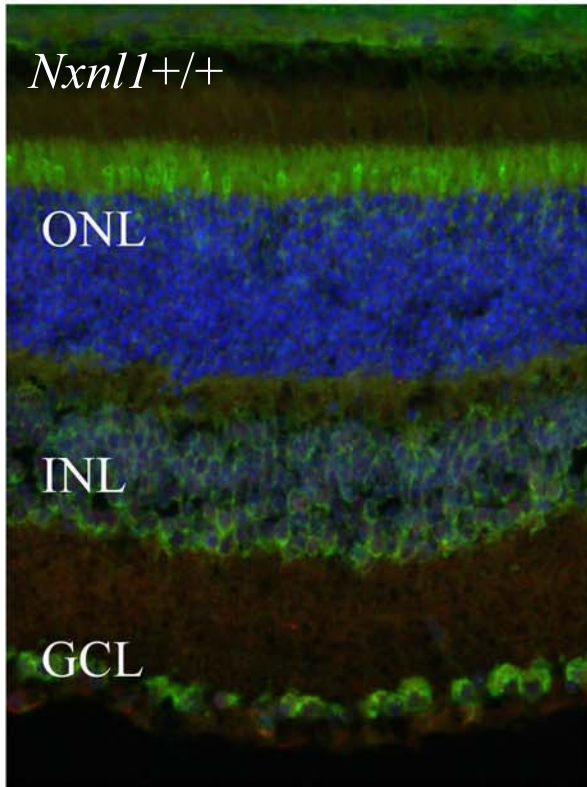
GFAP/Glutamine synthetase



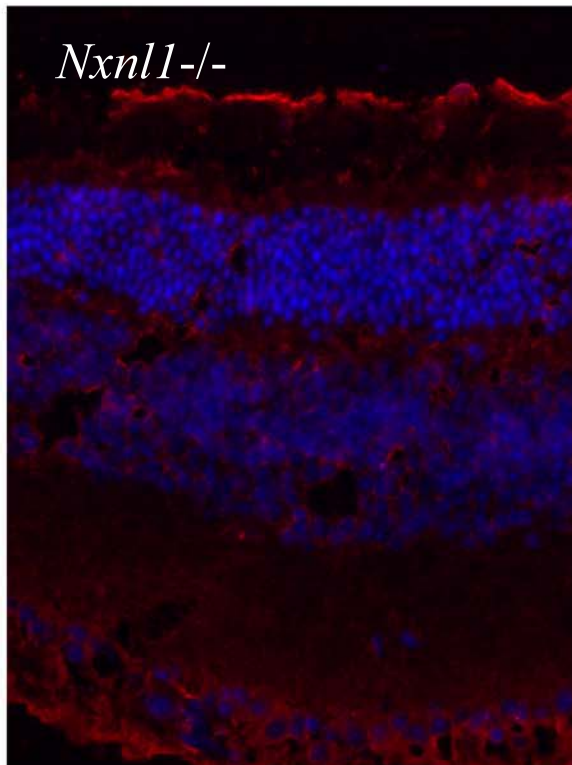
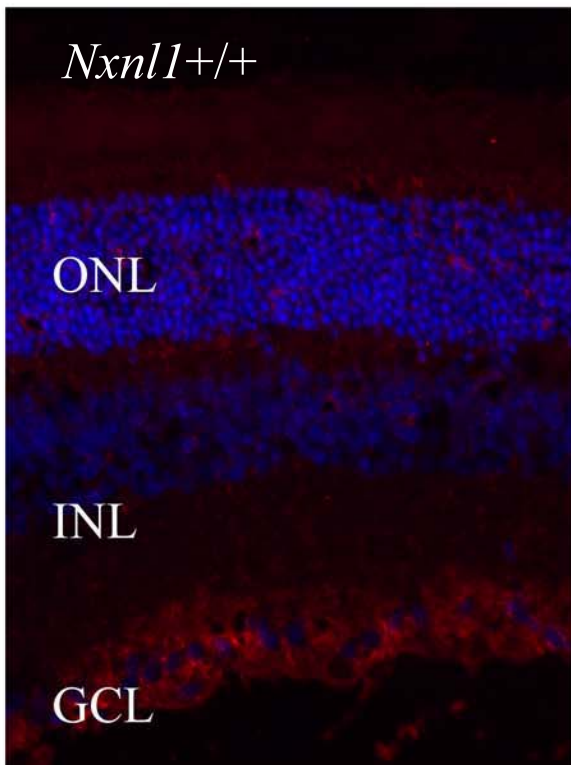
Brn3a







HNE
PNA
DAPI



Acrolein
DAPI