

## Supplementary Materials for

### **SOCS3 in retinal neurons and glial cells suppresses VEGF signaling to prevent pathological neovascular growth**

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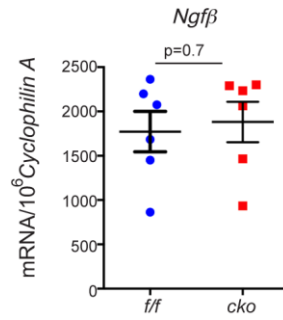
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#### **The PDF file includes:**

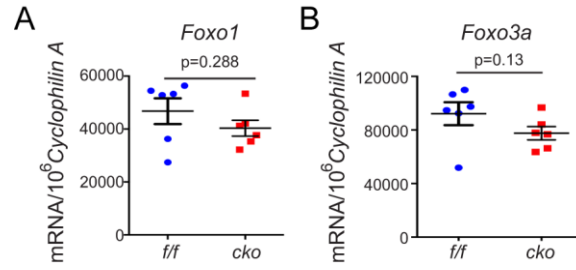
Fig. S1. *Ngf* $\beta$  mRNA expression in retinas with OIR from P17 *Socs3* *ff* and *Socs3* *cKO* mice.

Fig. S2. *Foxo1* and *Foxo3a* mRNA expression in retinas with OIR from P17 *Socs3* *ff* and *Socs3* *cKO* mice.

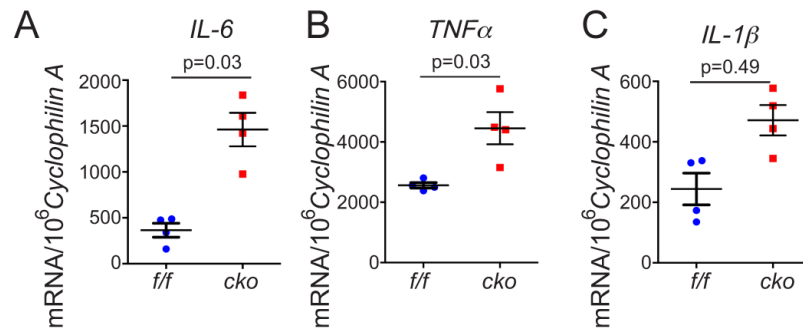
Fig. S3. Expression of mRNAs encoding inflammatory factors in retinas with OIR from P17 *Socs3* *ff* and *Socs3* *cKO* mice.



**Figure S1. *Ngfβ* mRNA expression in retinas with OIR from P17 *Socs3 f/f* and *Socs3 cKO* mice.** mRNA expression of *Ngfβ* at P17 *Socs3 cKO* and *Socs3 f/f* retinas with OIR (n=6 retinas per group).



**Figure S2 *Foxo1* and *Foxo3a* mRNA expression in retinas with OIR from P17 *Socs3 f/f* and *Socs3 cKO* mice.** mRNA expression of (A) *Foxo1* and (B) *Foxo3a* at P17 *Socs3 cKO* and *Socs3 f/f* retinas with OIR (n=6 retinas per group).



**Figure S3 Expression of mRNAs encoding inflammatory factors in retinas with OIR from P17 *Socs3 f/f* and *Socs3 cKO* mice.** mRNA expression of (A) *IL-6*, (B) *TNF $\alpha$* , and (C) *IL-1 $\beta$*  at P17 *Socs3 cKO* and *Socs3 f/f* retinas with OIR (n=4 retinas per group).