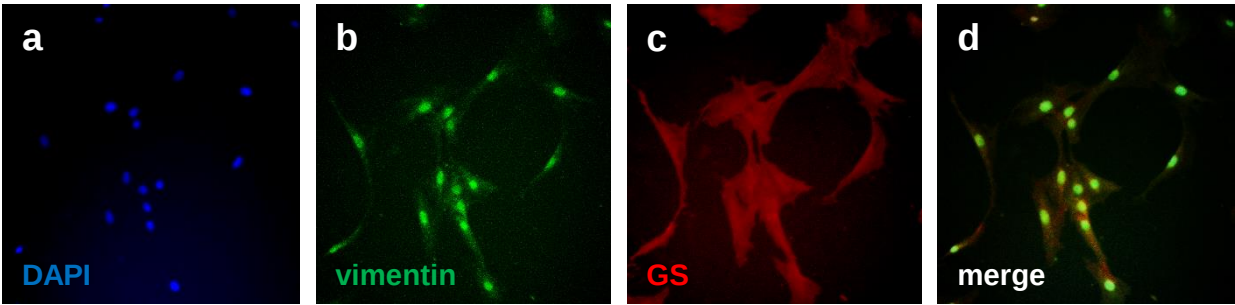


Targeted Knockdown of Overexpressed VEGFA or VEGF164 in Müller cells maintains retinal function by triggering different signaling mechanisms

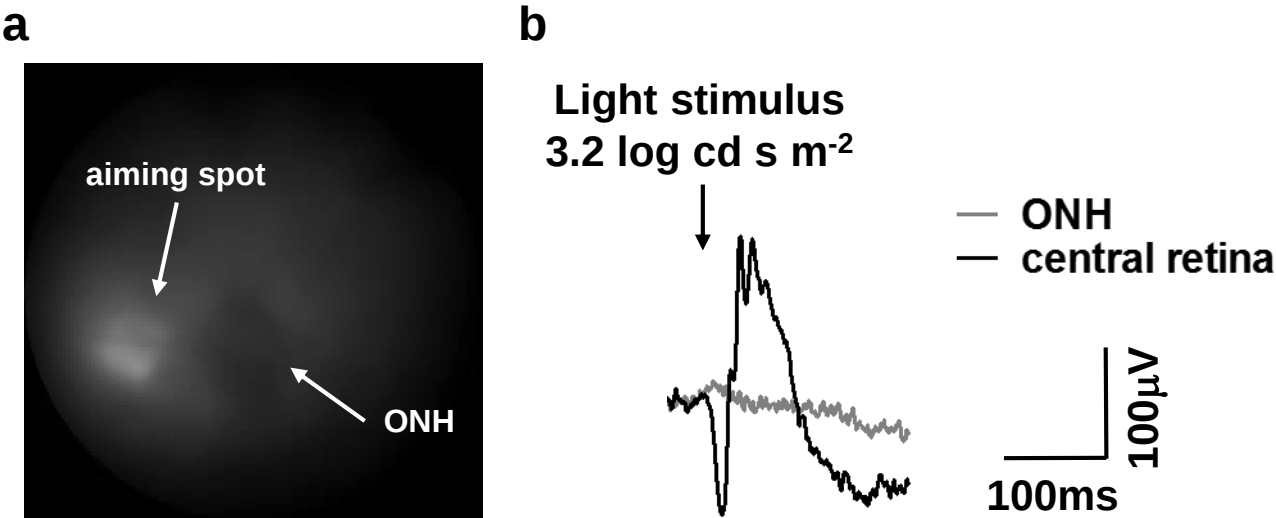
Authors: Silke Becker^{1†}, Haibo Wang^{1†}, Aaron B. Simmons¹, Thipparat Suwanmanee³, Gregory J. Stoddard², Tal Kafri³, M. Elizabeth Hartnett^{1*}

Supplemental Figure 1



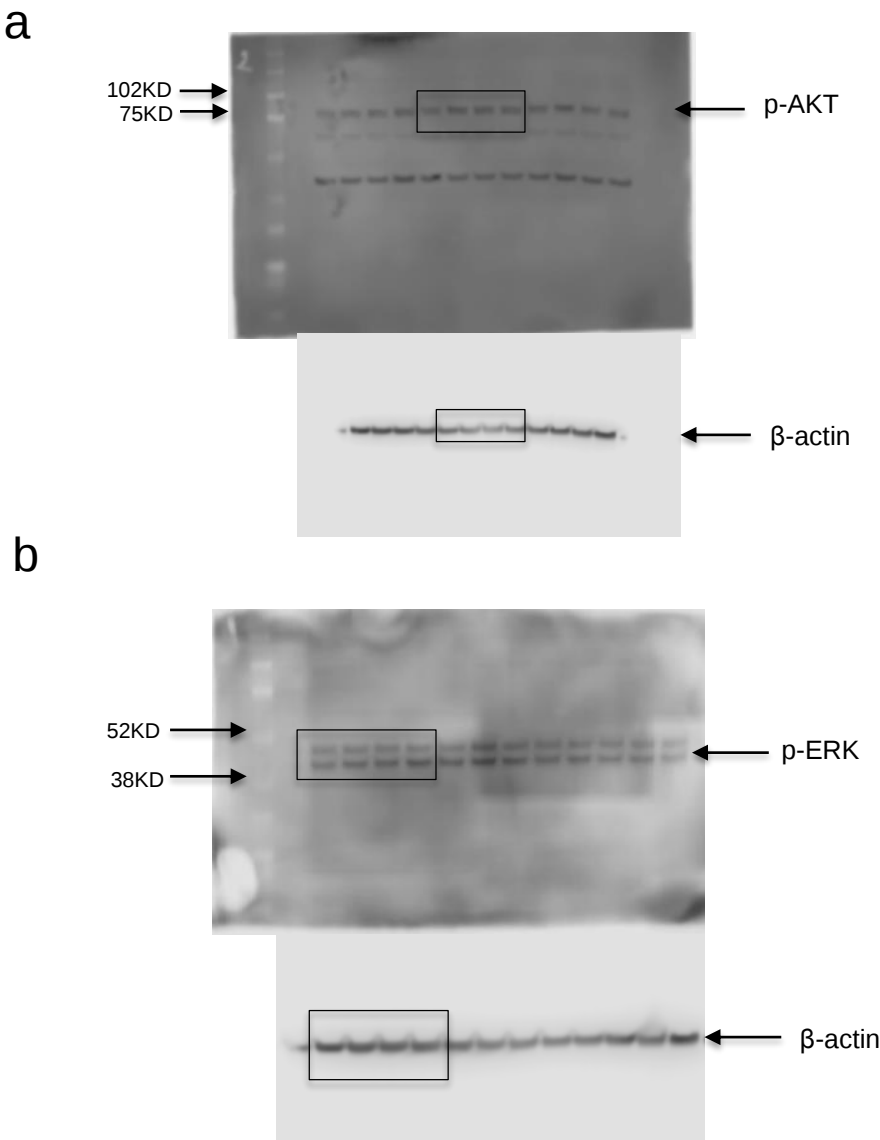
Supplemental Figure 1: Cultured rat Müller cells stained positive for the Muller glial cell markers glutamine synthetase and vimentin.

Supplemental Figure 2



Supplemental Figure 2: **a.** The region (0.5mm spot diameter) on the neural retina approximately one disc diameter away from the optic nerve head was chosen to record the focal ERG. **b.** Absence of the ERG signal when light was focused on the optic nerve head (ONH) indicates that scattered light did not contribute to ERG recordings.

Supplemental Figure 3



Supplemental Figure 3: **a.** Full length gels for p-AKT and β-actin; **b.** full length gels for p-ERK and β-actin (Boxes refer to the places from which the gels presented in Figure 8 were cropped).