

Supplementary Figure 1:

A. *iZEG:Cacnalf* transgene plasmid construct was transfected into HEK 293T cells, with and without the *CMV::Cre* driver plasmid. In the presence of the *Cre* driver, the *iZEG:Cacnalf* vector expresses *eGFP* colocalized with a co-transfected *CMV*-driven nuclear *RFP* reporter plasmid. **B.** Mouse retinas were electroporated *in vivo* with *iZEG:Cacnalf* and *Nrl::Cre* plasmids at P0, and then harvested and imaged at P14.