



**Figure S1. Assessment of plasmid transactivation on Stagia3 reporter**

**plasmids. (A-B)** Representative flow cytometry plots of dissociated cells from chicken retinas electroporated with an empty Stagia3 reporter plasmid, a CAG::mCherry co-electroporation control, and another plasmid containing either 0 ng/ $\mu$ l (A) or 200 ng/ $\mu$ l (B) of an additional plasmid containing the CAG element without a fluorescent readout. Stagia3 reporter activity is plotted along the y-axis and the CAG::mCherry co-electroporation control along the x-axis. **(C)** Quantification of Stagia3 reporter plasmid activity plotted along the y-axis as the percentage of EGFP-positive in the electroporated population in the presence of varying concentrations of CAG co-electroporated plasmid in nanograms/microliter along the x-axis. Error bars represent 95% confidence intervals. There was no statistically significant effect of any concentration of additional CAG plasmid concentration compared to the baseline as assessed by a one-way Anova with a post-hoc Dunnetts test.