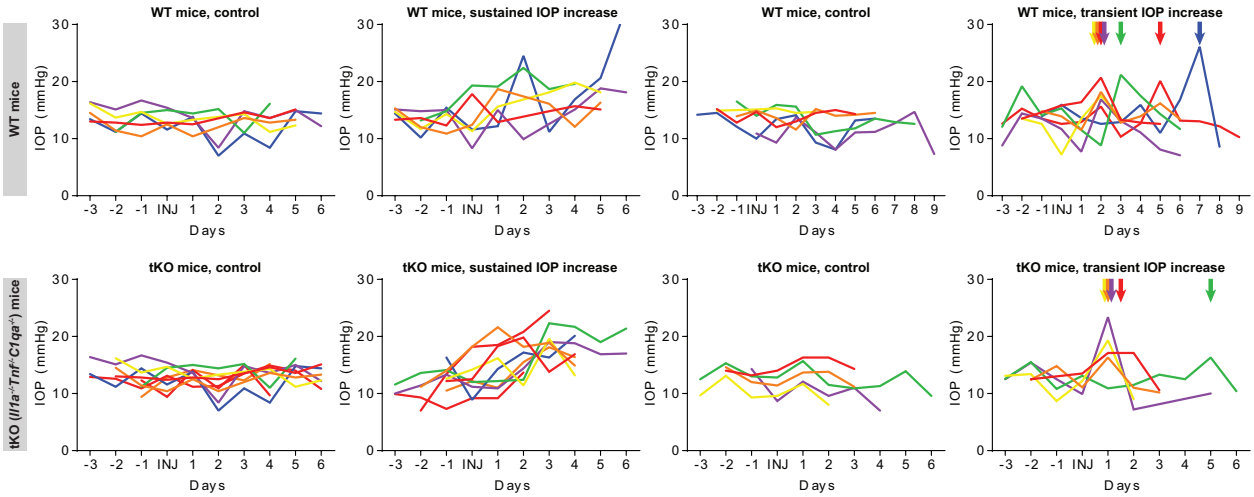

FIGURE S1. Intraocular pressure measurements for individual animals, Related to Figure 2. In wildtype (WT), and tKO (*Il1a*$^{-/-}$*Tnf*$^{-/-}$*C1qa*$^{-/-}$) mice intraocular pressure (IOP) measurements were taken each day. Mice were split into two groups, those with sustained IOP increase (where IOP increased and remained high), and those with a transient increase (where IOP increased temporarily but then returned to normal levels). Each colored line represents an individual animal. Arrows highlight peak IOP increase in transient groups.

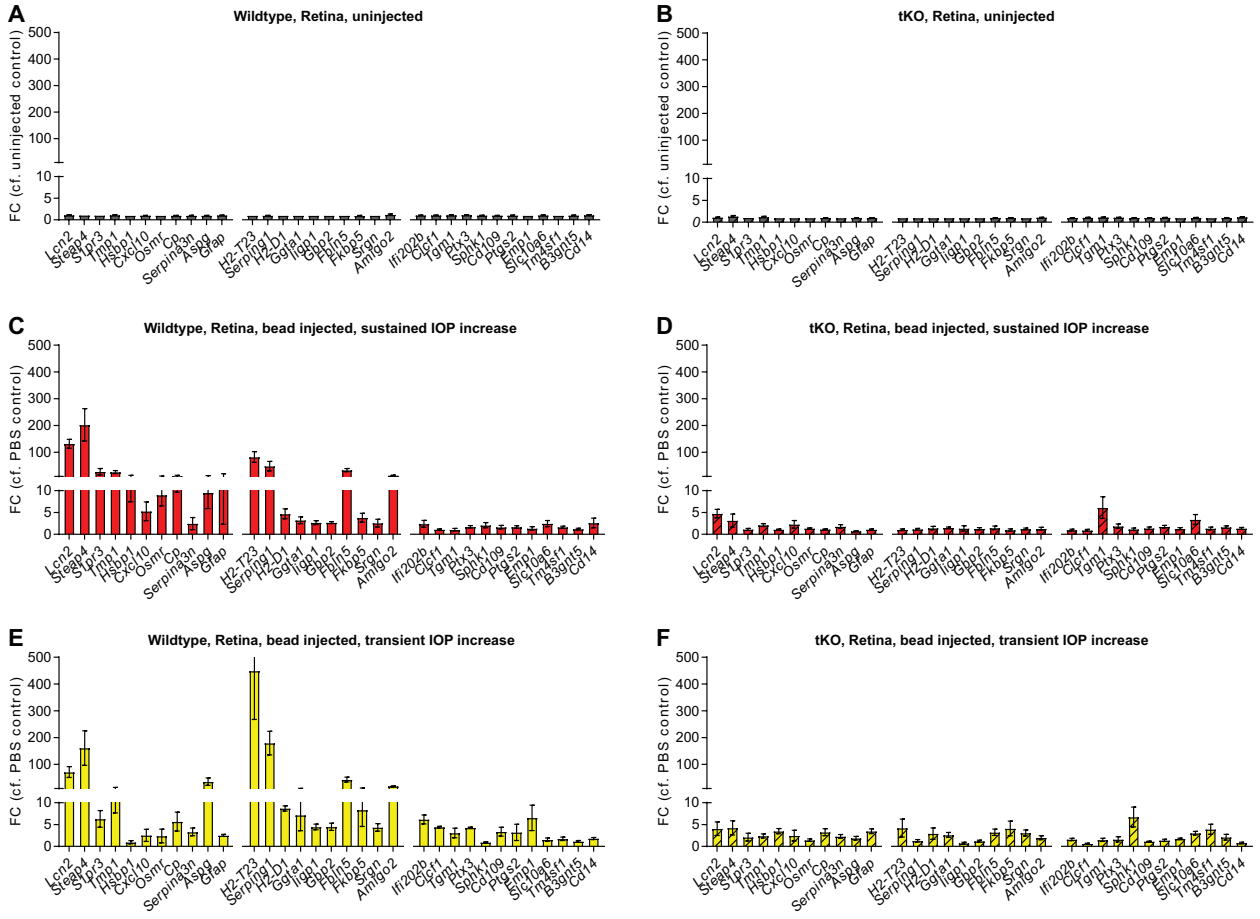

FIGURE S2. **Induction of reactive astrocyte transcripts in the retina following bead-injection glaucoma model in the mouse, Related to Figure 2. A-F** Microfluidic qPCR analysis of reactive astrocyte transcripts in whole retinas. *n* = 6-8 individual animals per group. All data are mean ± s.e.m.

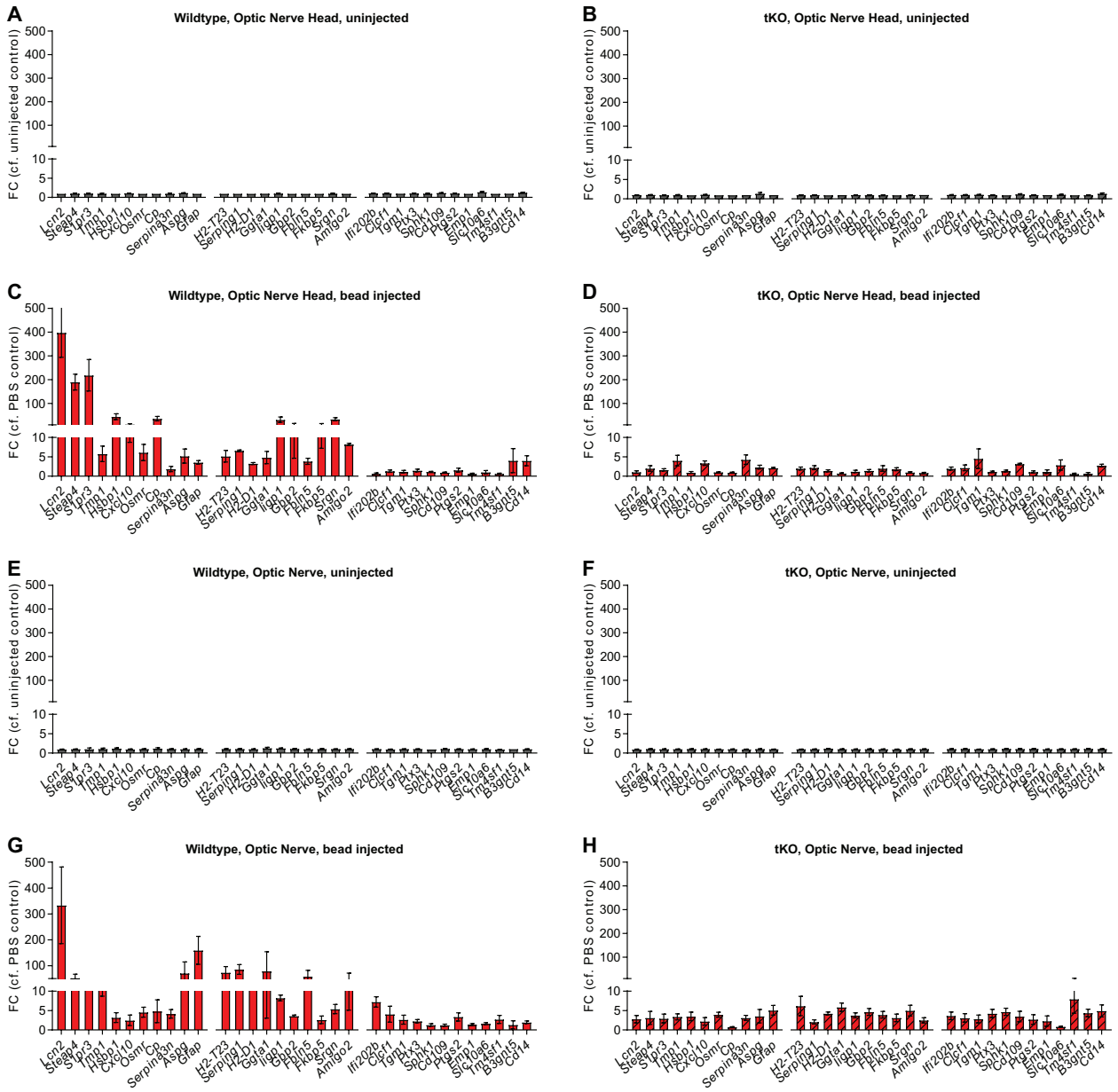

FIGURE S3. **Induction of reactive astrocyte transcripts in the optic nerve head and optic nerve following induction of bead-injection glaucoma model in the mouse, Related to Figure 2. A-F** Microfluidic qPCR analysis of reactive astrocyte transcripts in whole tissue sample of optic nerve head (A-D) and optic nerve (excluding optic nerve head, E-H). *n* = 6-8 individual animals per group. All data are mean ± s.e.m.