Supplementary figure 1: Lack of cell death and normal rhodopsin immunostaining 24 hours after light exposure in a RHO$^{+/+}$ dog. **A** Grading system used to map the incidence of TUNEL-positive cells in the outer nuclear layer. **B$_1$-2** Schematic
representation of grades of TUNEL-labeling along retinal sections extending from the edge of the optic nerve head to the superior, inferior, nasal, and temporal ora serrata comparing $B_1$) shielded and $B_2$) light exposed (1 mW/cm$^2$ for 1 min) retina. TUNEL labeled nuclei are not present in any of the 4 quadrants examined in normal eyes following light exposure; $C_{1-2}$) TUNEL-labeling $D_{1-2}$) Rhodopsin immunostaining. RE: right eye; LE: left eye; INL: inner nuclear layer; ONL: outer nuclear layer; OS: outer segments.