Supplementary materials:

Figure S1. Retinal cross section labeled with antibodies against calbindin (green) and Synaptophysin (red). (A) 16 old month DBA/2J retina showing a panoramic view of a retinal patch (area underlying white line). (C) High magnification from C’ showing loss of photoreceptor cells and loss of horizontal plexus in the OPL compared to high magnification areas outside patches (B, D: high magnification from B’ and D’, respectively). ONL: outer nuclear layer, INL: inner nuclear layer, GCL: ganglion cell layer. Scale bar: (A) 200 µm; (B-D) 40 µm.
Figure S2. Whole mount retina stained with antibodies against Brn3a to visualize RGC loss in C57BL/6 (A) and DBA/2J (B). DBA/2J whole mount retina at 16 months old (B) showing areas with loss of RGCs, surrounded by areas, in which still have surviving RGCs. Scale bar: 200 µm.