**Supplemental Video S1:** Laser ablated flatmounted retina, stained with DAPI for visualisation of the nuclei. The video shows a stack of confocal en-face images of the retina at 200x magnification. It moves from top to bottom with the GCL facing down. Islets of remaining inner nuclear layer nuclei appear first, followed by the nuclei of the GCL. Note the difference in size and density of the nuclei between the two layers.