Supplementary Figure S2. Behaviour of MIO-M1 cells transplanted into the vitreous of uninjured eyes was similar to that in injured eyes. (A-B) MIO-M1 cells 1 week after transplantation displayed an elongated, bipolar morphology and often remained as a bolus within the vitreous. Immunohistochemical labelling for human nuclear antigen (red) revealed that not all engrafted cells expressed the marker protein EGFP (green), counter-stain is DAPI (blue). (C-D) Engrafted MIO-M1 cells (EGFP; green) also expressed the early neuronal marker βIII-tubulin (red) within 1 week of injection into the uninjured eye and exhibited some migration toward the retina (labelled ret.). Counter-stain is DAPI (blue). (E-H) Some transplanted MIO-M1 cells (EGFP; green) expressed the glial marker GFAP (red) within the normal eye within both 1 week (E-F) and 4 days (G-H) of injection. Counter-stain is DAPI (blue). Abbreviations: ON = optic nerve; ONL = outer nuclear layer; GCL = ganglion cell layer; ret. = retinal side of intravitreal graft. Scale bar = 100µm.