

Appendix 3. Comparison between intact and 30-day regenerated retinas.

		Intact retina	Regenerated retina	Significant	p-value
% cells GCL	Average	16.80278	13.71657	no	> 0.025
	St. Dev.	1.848216	4.477641		
	n	12 areas	12 areas		
% cells INL	Average	62.84035	65.60589	no	>> 0.025
	St. Dev.	2.777408	5.067398		
	n	12 areas	12 areas		
% cells ONL	Average	20.35688	20.67754	no	>> 0.025
	St. Dev.	2.351839	3.467746		
	n	12 areas	12 areas		
Pr. Outer segment length (µm)	Average	25.04824	24.96827	no	> 0.1
	St. Dev.	2.832881	3.104157		
	n	232 Pr.	232 Pr.		

The cells in each cell layer were counted on 12 different 50-µm-long areas across the width of the retina in either intact or 30-day regenerated retinas, and their percentages with respect to the total number of cells in each area was determined. The length of the rod photoreceptor outer segments was also measured and compared between both types of retinas. A Student t-test was performed to evaluate the results, and no statistically significant differences were found between the two groups. Abbreviations: ganglion cell layer (GCL); inner nuclear layer (INL); outer nuclear layer (ONL); photoreceptor (Pr.); standard deviation (St. Dev.).