

Animal number	Whole mount immunocytochemistry ^a						TUNEL ^b						Transmission electron microscopy ^c						
	Acute		Long term		Control		Acute		Long term		Control		Acute		Long term		Control		
	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	Left	
Rat 1 ♀	+		+		+		+		+		+		+		+		+		
Rat 2 ♂		+		+		+		+		+		+		+		+		+	
Rat 3 ♀	+		+		+		+		+		+		+		+		+		
Rat 4 ♂		+		+		+		+		+		+		+		+		+	
Rat 5 ♀	+		+		+		+		+		+		+		+		+		
Rat 6 ♂		+		+		+		+		+		+		+		+		+	
Rat 7 ♀	+		+				+		+		+		+		+		+		
Rat 8 ♂		+		+			+		+		+		+		+		+		
Rat 9 ♀	+		+				+		+		+		+		+		+		

Supplementary Table 1. Assignment of retinas for assays

^aFor whole mount immunocytochemistry, the entire retina from one eye was used; ^bFor terminal deoxynucleotidyl transferase dUTP nick-end labelling (TUNEL), the nasal half of the eye was used; ^cFor transmission electron microscopy, the temporal half of the eye was used