

Supplementary Table S5. Multiple comparisons of tyrosine hydroxylase (TH) immunoreactivity in retinal cell bodies and axons among different treatment groups, analyzed by Kruskal–Wallis test followed by Dunn’s post hoc test. For each pairwise comparison, the table shows group means $\pm$ standard deviation (SD), mean ranks, mean rank differences, adjusted p-values, and significance levels. Significance is indicated as ns (not significant), * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, (adjusted for multiple comparisons, $\alpha = 0.05$).

	TH									
	Cell body					Processes				
	Mean ₁ $\pm$ SD ₁ Mean ranks	Mean ₂ $\pm$ SD ₂	Mean rank	Adjusted P Value	Significance	Mean ₁ $\pm$ SD ₁ Mean ranks	Mean ₂ $\pm$ SD ₂	Mean rank	Adjusted P Value	Significance
Control vs negative	9.808 $\pm$ 3.888 14.33	9.705 $\pm$ 1.295 13.50	0,8333	>0,9999	ns	6.195 $\pm$ 0.5725 14.00	8.844 $\pm$ 0.5893 21.50	-7,500	0,1281	ns
Control vs antagomir-9	9.808 $\pm$ 3.888 14.33	3.910 $\pm$ 0.3010 3.5000	10,83	0,0026	**	6.195 $\pm$ 0.5725 14.00	4.512 $\pm$ 0.4116 5.000	9,000	0,0196	*
negative control vs	9.705 $\pm$ 1.295 13.50	3.910 $\pm$ 0.3010 3.5000	10,00	0,0150	*	8.844 $\pm$ 0.5893 21.50	4.512 $\pm$ 0.4116 5.000	16,50	<0,0001	***