

NHP #	Region	MBP		CNPase		GFAP		Nuclei		Iba1	
		C	EG	C	EG	C	EG	C	EG	C	EG
1	Lamina	NP	NP	NP	NP	1196.6 399.7	437.4 114.9	1771.6 1038.5	2387.5 1268.9	714.9 749.1	705.1 871.8
	RL1	521.8 108.4	304.3 76.8	2131.0 612.9	895.3 284.4	652.6 140.5	498.3+ 149.1	1715.8 915.9	2415.2+ 1458.7	713.7 741.7	1612.4+ 1424.9
	RL2	570.5 111.4	483.9 85.3	NA	NA	NA	NA	NA	NA	NA	NA
2	Lamina	NP	NP	NP	NP	641.9 151.9	473.1 174.3	1405.0 895	2039.9 1437.3	790.3 863.3	1016.3 1218.1
	RL1	444.9 97.5	257.6 31.1	1114.6 281.9	337.5 40.3	623.4 126.6	431.5 102	1159.8 637.9	1559.2 917.8	822.2 627.4	1149.2 755.3
	RL2	503.5 101.5	370.8 67.2	1247.7 238.9	458.2 109.3	662.7 114.7	394.4 61	1129.0 610.3	1613.6 793.8	769.6 470.6	1271.6 751.2
3	Lamina	NP	NP	NP	NP	838.8 180.9	588.4 109.9	1617.4 744.4	1507.7 730.4	747.7 581.9	1092.8 674.7
	RL1	518.4 84.0	434.5 110.2	1882.2 765.1	770.6 292.7	927.2 287.2	648.9 132.4	1421.8 615.7	1513.0 810.9	937.2 577.6	1016.2 720.8
	RL2	619.9 53.8	530.2 108.6	2284.6 674.1	1093.1 330.5	804.6 237.3	655.2 143.4	1338.6 559.4	1703.0 812.1	914.4 581.5	1338.6 930.0
4	Lamina	NP	NP	NP	NP	630.7 183.7	434.9 84.4	1915.2 1586	2150.7 1682.6	579.4 704.5	577.6 827
	RL1	616.6 132.5	445.2 129	1130.6 262.5	431.1+ 84.2	616.1 114.7	520.1+ 149.1	1582.5 821.6	1614.8+ 932.7	682.5 736.7	585.5+ 713.4
	RL2	691.9 45.1	509.8+ 92.8	NA	NA	NA	NA	NA	NA	NA	NA
Experiment wide (4 NHPs)	Lamina	NP	NP	NP	NP	827.3 339.9	483.4 139.7	1618.8 1093.3	1887.3 1258.9	734.3 833.6	941.5 1138.4
	RL1	525.9 123	360.8 124.5	1664.8 721.9	649.6 330.1	719.4 233.8	527.2 151.4	1408.2 821	1741.8 1139.5	836.6 738	1148.7 1058.5
	RL2	577.5 109.9	464.5 110.5	1766.1 724.3	775.7 401.8	733.7 199.3	524.9 170.8	1247.4 640.4	1662.3 829.5	851.2 574.9	1308.1 876.4

Supplementary Table 1. CNPase, MBP GFAP fluorescence intensity per unit area and Nuclei, Iba1 pixel clusters per mm². Values in the table are Mean \pm STDEV (lower size font). EG values that are marked bold are significant (also see Table 2). In NHP 1 and 4, the retrolaminar nerve within the paraffin sections was short and the RL2 region therefore could not be analyzed for all antibodies except MBP. The absence of RL2 data in these animals is denoted by NA. Experiment wide (EW) data for the RL2 region for these is thus based on two animals (NHP 2 and 3). (+) Denotes that in some instances, individual C or EG eyes had fewer than n=4 sections with usable IHC data.