

Table S2

Number of samples, detected genes and significant genes in the post-mortem human brain samples

WM brain tissue	Number of lesions (n=98)	Comparison of gene count	Expressed genes	Significant (FDR < 0.05)
WM	25	All MS tissue vs. WM	18722	4223
NAWM	20	NAWM vs. WM	16782	22
RL	6	RL vs. WM	19478	3074
AL	18	AL vs. WM	17254	3181
IL	13	IL vs. WM	17526	2985
CA	17	CA vs. WM	17031	663

NAWM = normal-appearing white matter; RL= remyelinating lesions; AL = active lesions; IL= inactive lesions; CA= chronic active lesions; FDR= false discovery rate