

SUPPLEMENTARY TABLE**Supplementary Table 1. Average Ct values of the gene targets analyzed by RT-PCR.**

Genes	Groups – Ct values obtained in RT-PCR analysis		
	Glia enriched fraction	Young	Aged
p16		33.15	27
p21		24.29	24.03
p53		25.33	25.04
IL-1 β		24.29	23.74
TNF α		25.03	23.6
MCP1		24.58	24.26
MMP3		26.35	25.69
Brainstem tissue			
p16		32.27	26.79
p21		20.77	21.10
p53		23.17	22.78
IL-1b		30.3	29.12
IL-6		31.42	31.29
IL-1a		29.73	27.79
MCP1		29.83	27.67
TNF α		29.75	28.26
MMP3		32.93	31.52
MMP13		29.4	29.51