Supporting information for “Astrocytic β2 adrenergic receptor gene deletion in mice affects memory in aged mice”. Jensen et al.



S1 Figure: β2AR mRNA expression in CNS cell – enriched populations collected by laser capture dissection four weeks post tamoxifen administration. Approx. 1500 cells per animal, N=3 per group. All samples are flox +/+.

The expression of β2AR is known to be different in different subtypes of neuron and to alter with activation state of microglia ([Gyoneva and Traynelis 2013](#_ENREF_1)). We believe that this may explain some of the heterogeneity of expression in the NeuN+ and Iba+ groups.

Gyoneva, S. and S. F. Traynelis (2013). "Norepinephrine modulates the motility of resting and activated microglia via different adrenergic receptors." J Biol Chem **288**(21): 15291-15302.