

Translocator protein 18 kDa (TSPO) deficiency inhibits microglial activation and impairs mitochondrial function

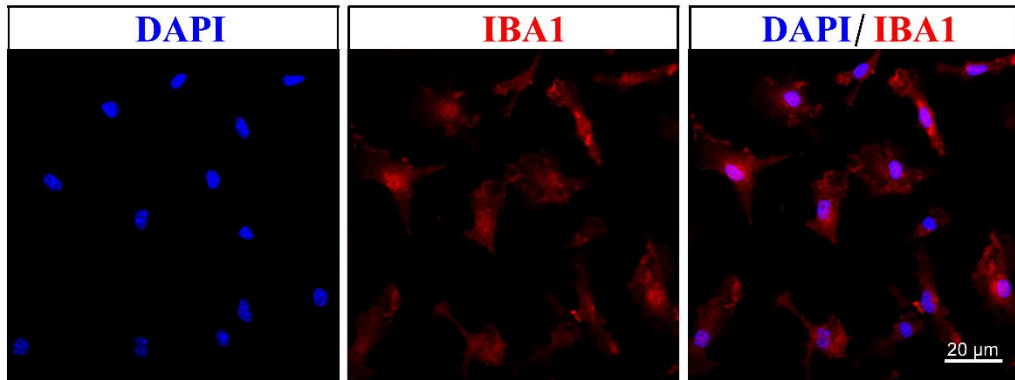
Running Title: TSPO deficiency inhibits microglial activation

Figure. S1. Detection of TSPO knock out and knock-down efficiency

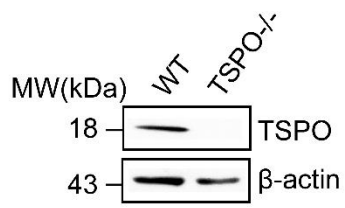
(A) Representative images of co-staining for the microglia-specific marker Iba1 (shown in red) and nuclei (stained with DAPI, shown in blue). The 4 groups contained a total of n=340 cells. (B) Western blot analysis of the efficiency of TSPO knockout in primary microglia isolated from TSPO^{-/-} mice, with WT mice for comparison. (C) Western blot analysis of TSPO knockdown efficiency after infection with a lentivirus encoding TSPO shRNA versus vector shRNA. Data are expressed as the mean \pm SEM. *p<0.05, **p<0.01, ***p<0.001, one-way ANOVA.

Supplementary figure:

A



B



C

