

Supplementary: Original Western blot images

Figure S1. G1 administration suppresses M1 phenotypic markers of microglia in hippocampal CA1 region following GCI

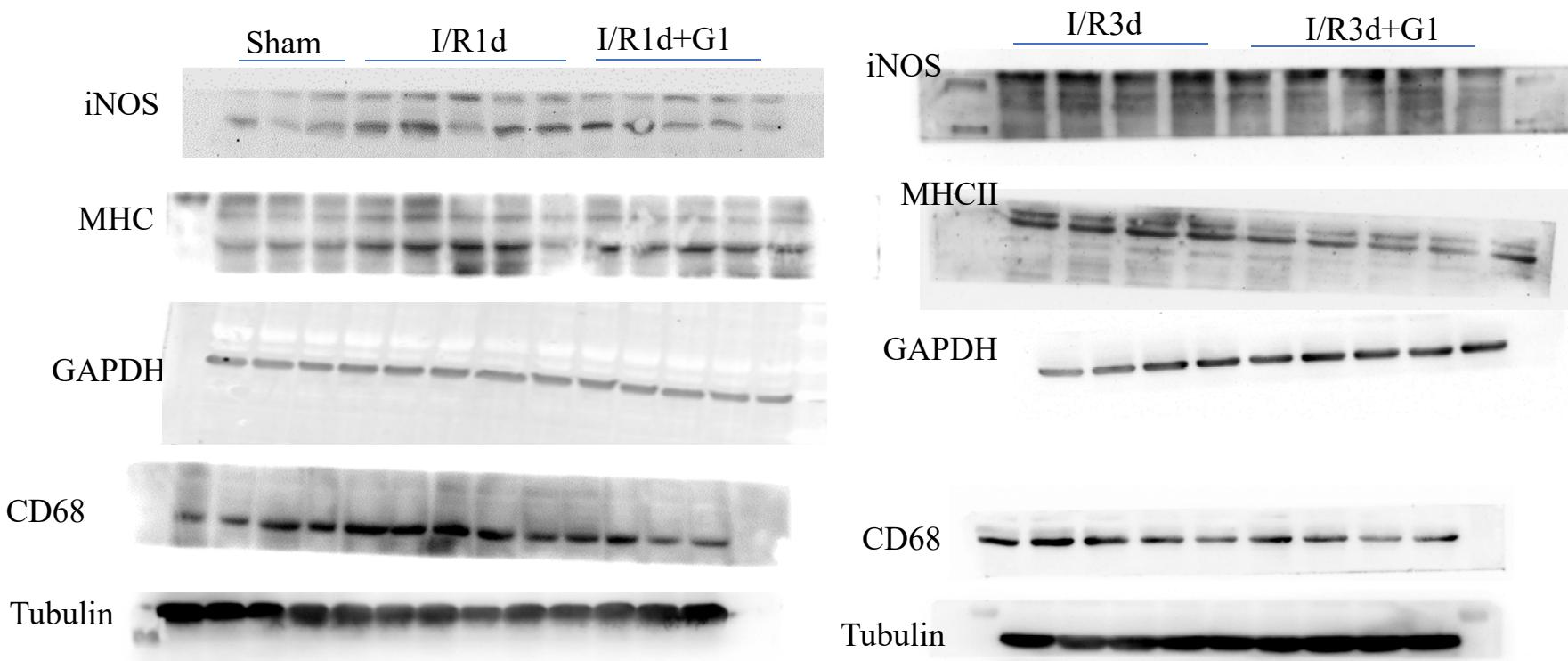


Figure S2. G1 administration enhances M2 markers of microglia in the hippocampal CA1 region following GCI

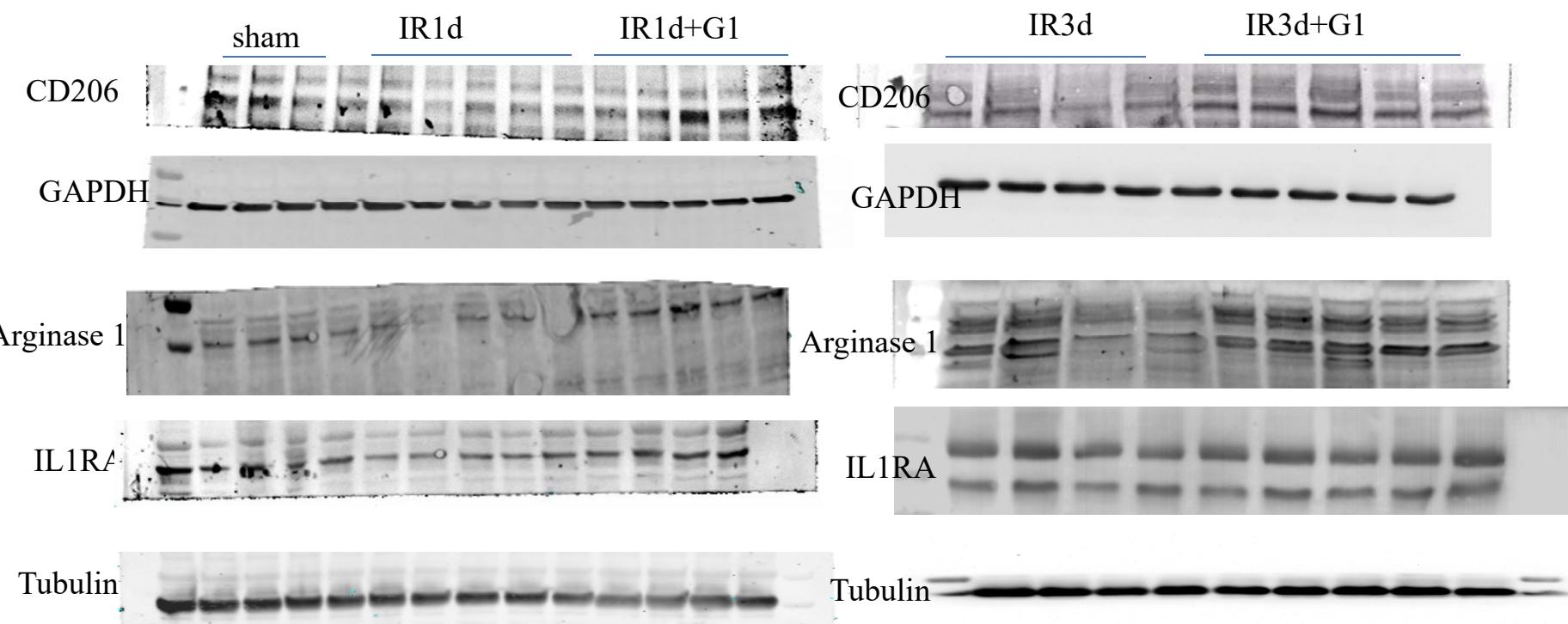


Figure S3. G1 administration increases the levels of brain-derived neurotrophic Factor (BDNF) and pro-survival transcription factor PPAR γ in the hippocampal CA1 region after GCI

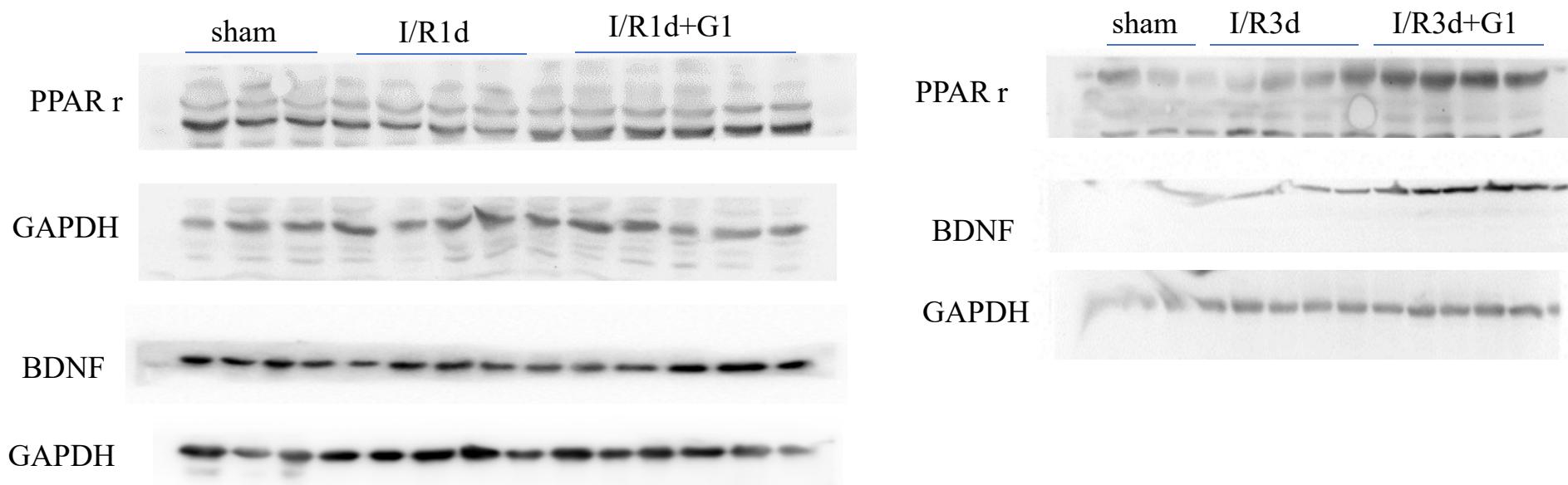


Figure S4. GPER antagonist G36 decreases aromatase protein expression in hippocampal CA1 region at 1d after GCI

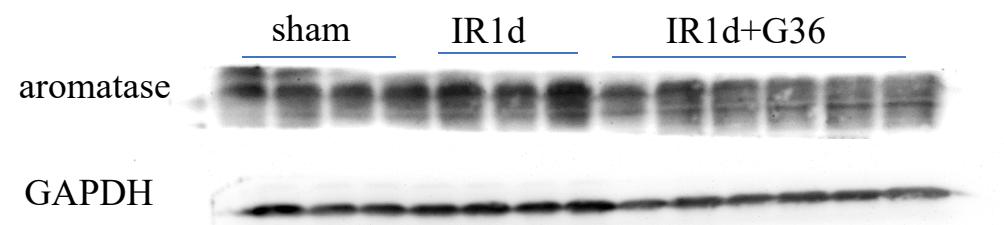


Figure S5. Aromatase inhibitor letrozole has no effect on aromatase protein levels at 1d reperfusion in hippocampal CA1 region of with and without G1-treated rats

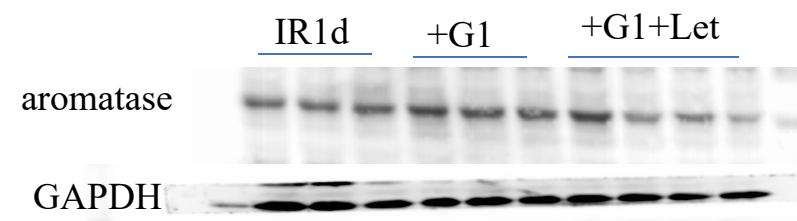


Figure S6. Using GPER antagonist G36 and aromatase inhibitor letrozole confirms the synergistic action of G1 and BDE2 in promoting protein expression of IL-4, PPAR γ , and BDNF in the hippocampal CA1 region at 1d after GCI

