

Figure S1. Semi-quantification of results from Figs. 1-3. (A and B) Semi-quantification of WB results from Fig. 1E: (A) iNOS and (B) ARG1. (C-E) Semi-quantification of WB results from Fig. 2B: (C) I κ B, (D) I κ K and (E) p65. (F-L) Semi-quantification of WB results from Fig. 2C: (F) PI3K, (G) ERK, (H) AKT, (I) STAT1, (J) STAT3, (K) OAS1 and (L) IFIT1. (M and N) Semi-quantification of WB results from Fig. 3B: (M) ZO-1 and (N) occludin. *P<0.05, **P<0.01, ***P<0.001, ****P<0.0001. AQP1, aquaporin 1; WT, wild-type; TBI, traumatic brain injury; iNOS, inducible nitric oxide synthase; ARG-1, arginase 1; p-, phosphorylated; PI3K, phosphoinositide 3-kinase; ERK, extracellular signal-regulated kinase; AKT, protein kinase B; STAT, signal transducer and activator of transcription; OAS1, 2',5'-oligoadenylate synthetase 1; IFIT1, interferon-inducible protein 1; ZO-1, zonula occludens-1; CCE, cortical crude extracts; WB, western blotting.

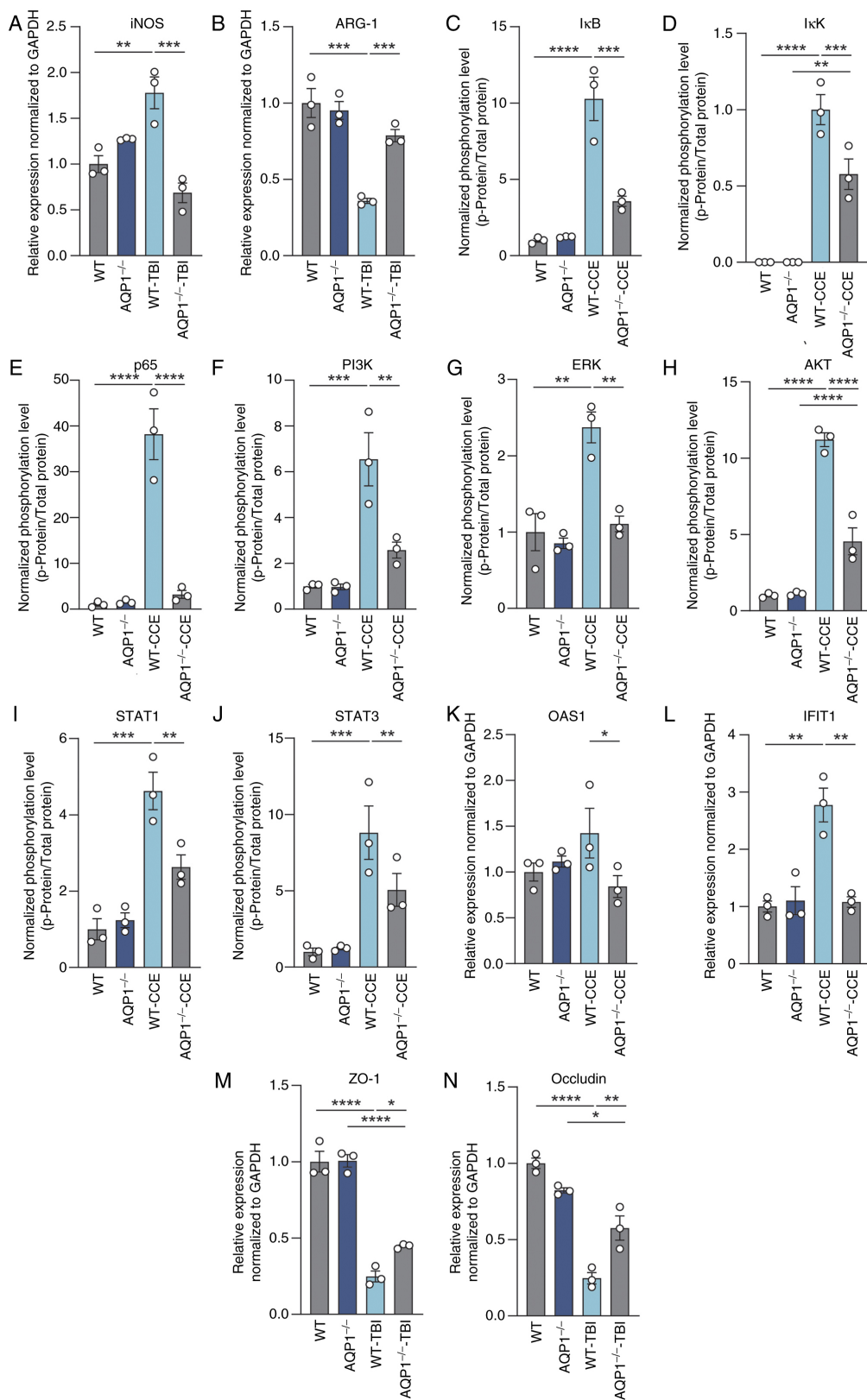


Figure S2. Semi-quantification of WB results from Figs. 5 and 6. (A-C) Semi-quantification of WB results from Fig. 5B: (A) I κ B, (B) I κ K and (C) p65. (D-J) Semi-quantification of WB results from Fig. 5C: (D) PI3K, (E) ERK, (F) AKT, (G) STAT1, (H) STAT3, (I) OAS1 and (J) IFIT1. (K and L) Semi-quantification of WB results from Fig. 5E: (K) iNOS and (L) ARG1. (M) Semi-quantification of WB results from Fig. 6B. *P<0.05, **P<0.01, ***P<0.001, ****P<0.0001. p-, phosphorylated; PI3K, phosphoinositide 3-kinase; ERK, extracellular signal-regulated kinase; AKT, protein kinase B; STAT, signal transducer and activator of transcription; OAS1, 2',5'-oligoadenylate synthetase 1; IFIT1, interferon-inducible protein 1; iNOS, inducible nitric oxide synthase; ARG-1, arginase 1; CTRL, control; CCE, cortical crude extracts; mPDA: m-phenylenediacrylic acid; WB, western blotting.

