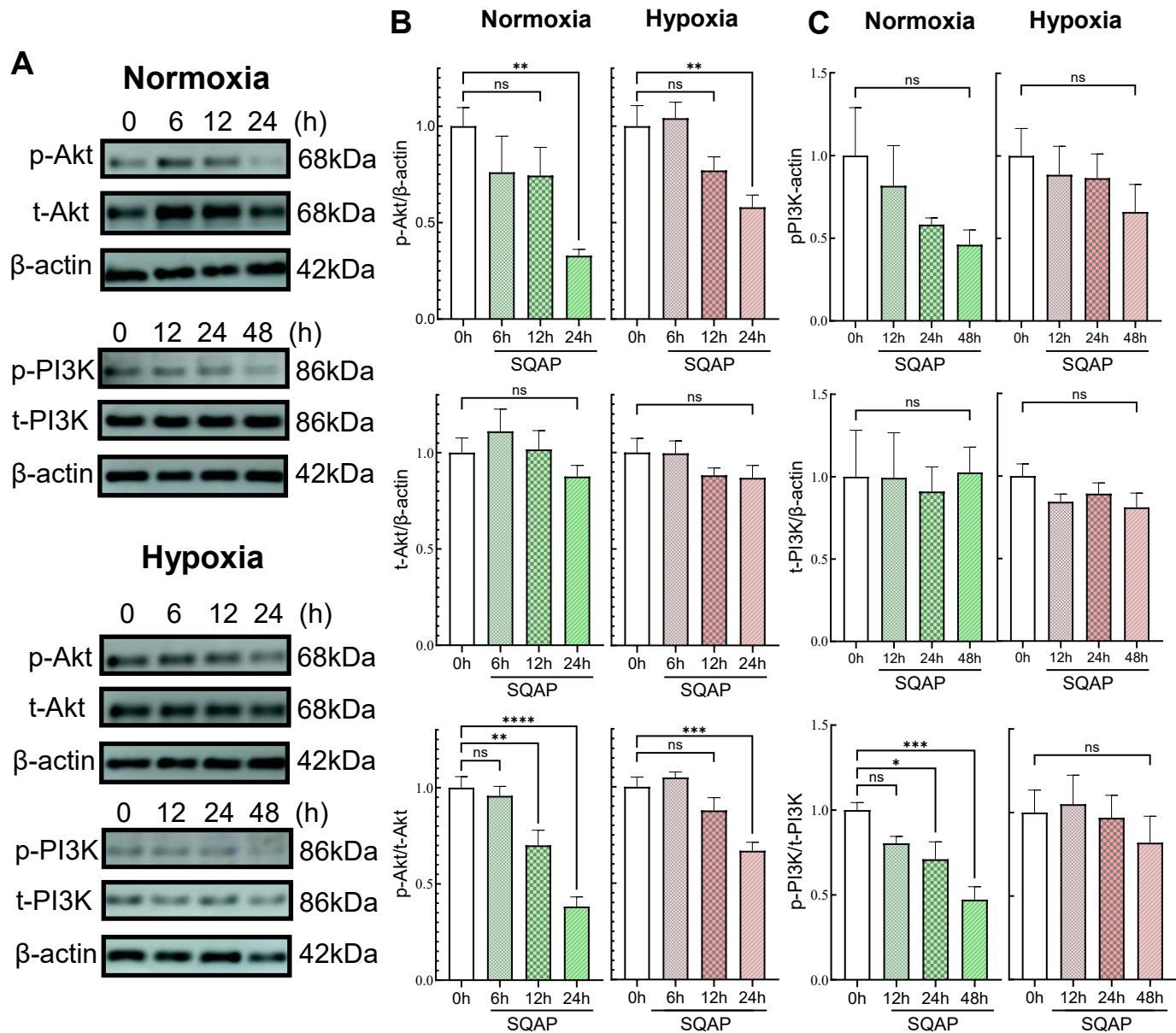


Online Resource 3

PI3K/Akt immunoblotting results including under hypoxic conditions



Changes in the expression of proteins on signaling pathway in human glioblastoma cells. (A) Representative images of immunoblots. (B) Graphs showing the time course of expression of p-Akt (phospho-Akt), t-Akt (total-Akt) and the phosphorylated to total Akt ratio in U87 cells treated with 150 μ M SQAP under normoxia and hypoxia. Data are shown as mean $\pm$ SEM (n = 6). **p < 0.01, ***p < 0.001, ****p < 0.0001 vs. Control group (Dunnett's test). (C) Graphs showing the time course of expression of p-PI3K (phospho-PI3K), t-PI3K (total-PI3K) and the phosphorylated to total PI3K ratio in U87 cells treated with 150 μ M SQAP under normoxia and hypoxia. Data are shown as mean $\pm$ SEM (n = 6). *p < 0.05, ***p < 0.001 vs. Control group (Dunnett's test).