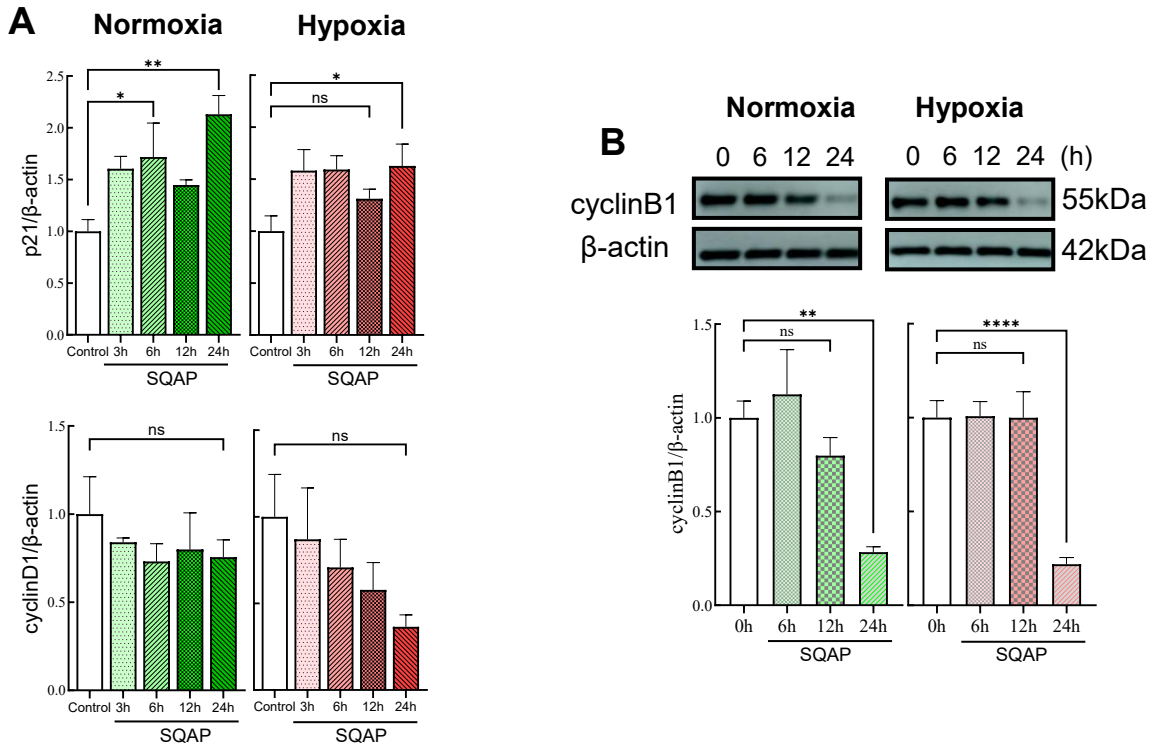


Online Resource 5

q-PCR and immunoblotting results for p21, cyclin D1, and cyclinB including in hypoxic conditions



(A) Graphs showing the result of quantitative RT-PCR (qRT-PCR) analysis in U87 treated with 150 μ M SQAP under normoxia and hypoxia. Each column showing the mRNA levels of p21 and cyclinD1 at different time course (3, 6, 12 and 24h). Data are shown as mean \pm SEM (n = 5). *p < 0.05, **p < 0.01, vs. Control groups. (Dunnett's test)

(B) Representative images of immunoblots and graphs showing the time course of expression of cyclinB1 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 < 0.0001, vs. Control groups. (Dunnett's test)