

Supplementary Figures

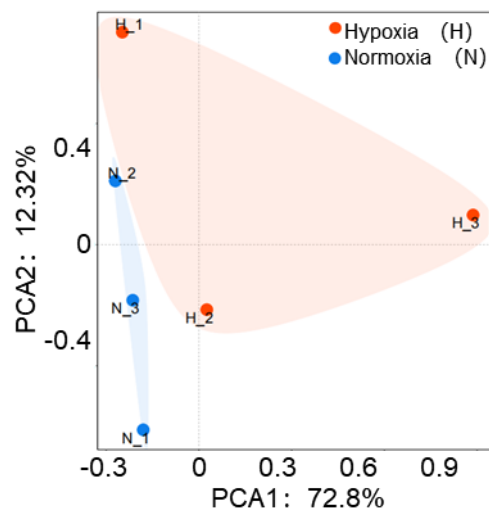


Figure S1. Principal component analysis (PCA) of the protein abundances in proteome study.

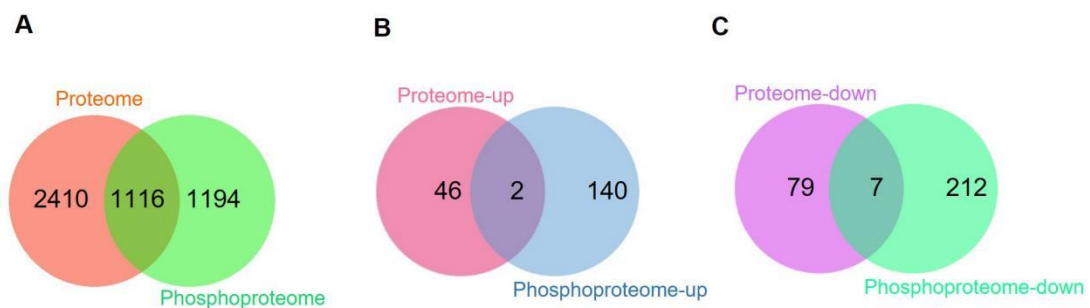


Figure S2. Venn diagram showing proteins and phosphoproteins in proteome and phosphoproteome analysis. (A) Total proteins and phosphoproteins. (B) Upregulated proteins and upregulated phosphoproteins. (C) Downregulated proteins and downregulated phosphoproteins.



Figure S3. Comprehensive Pathway enrichment analysis of significantly changed proteins ($P < 0.05$, $|\log_2(\text{fold change})| > \log_2(1.1)$) in hypoxia-treated cells compared with the control cells (normoxia).

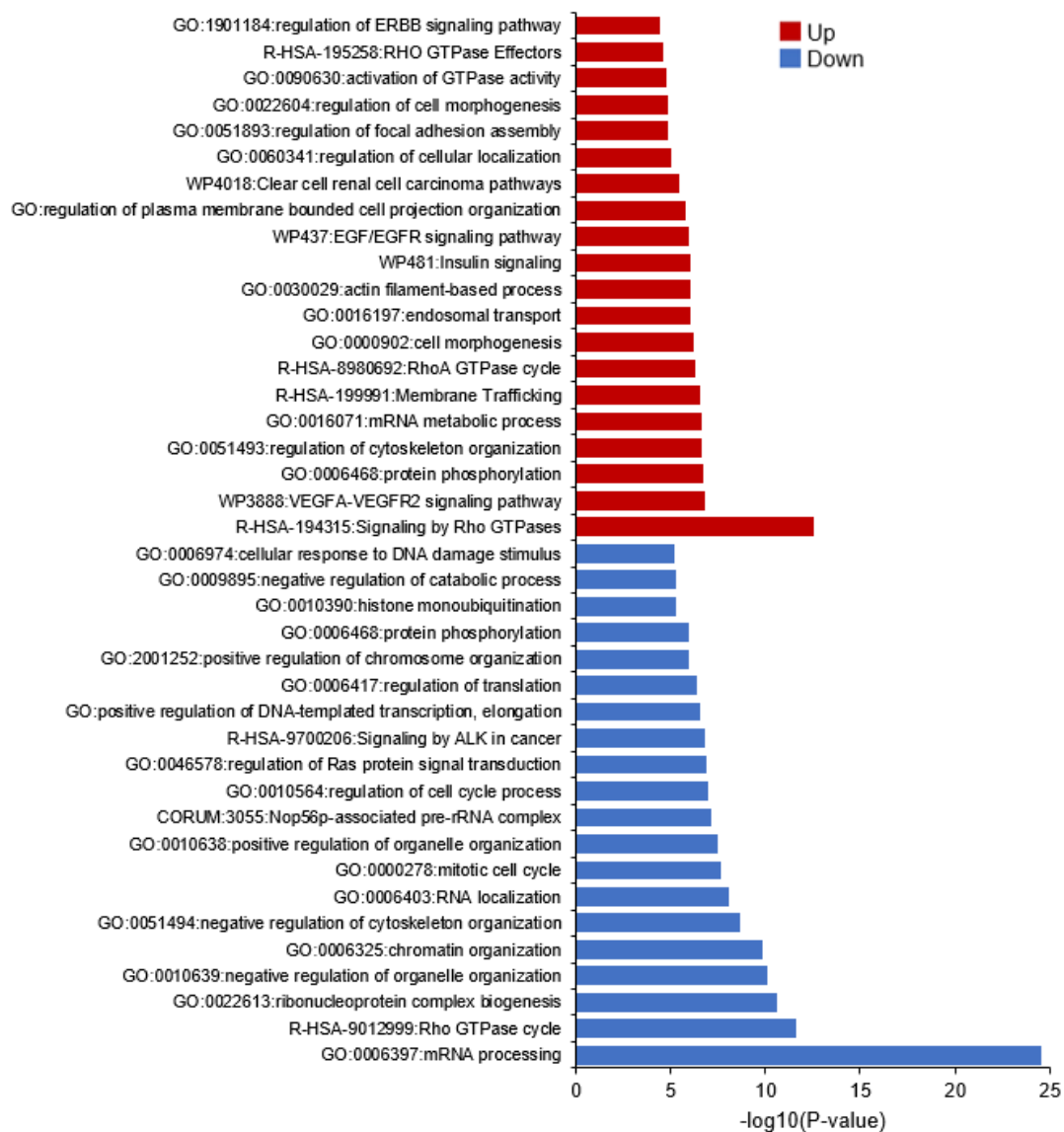


Figure S4. Comprehensive Pathway enrichment analysis of significantly changed phosphoproteins ($P < 0.05$, $|\log_2(\text{fold change})| > \log_2(1.1)$) in hypoxia-treated cells compared with the control cells (normoxia).