



Figure S1 Validation of external datasets. (A) Analysis of the correlation between the external dataset GSE31210 and the hypoxia gene set. (B) Differential expression of the five core HRGs in the research cohort and the external dataset GSE31210 (N = normal lung tissue group; T = tumor group). (C) Validation of the correlation between five core HRGs and *HIF1A* in the external datasets GSE31210 and GSE72094. *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.001$. *HIF1A*, hypoxia-inducible factor 1 alpha; HRGs, hypoxia-related genes.