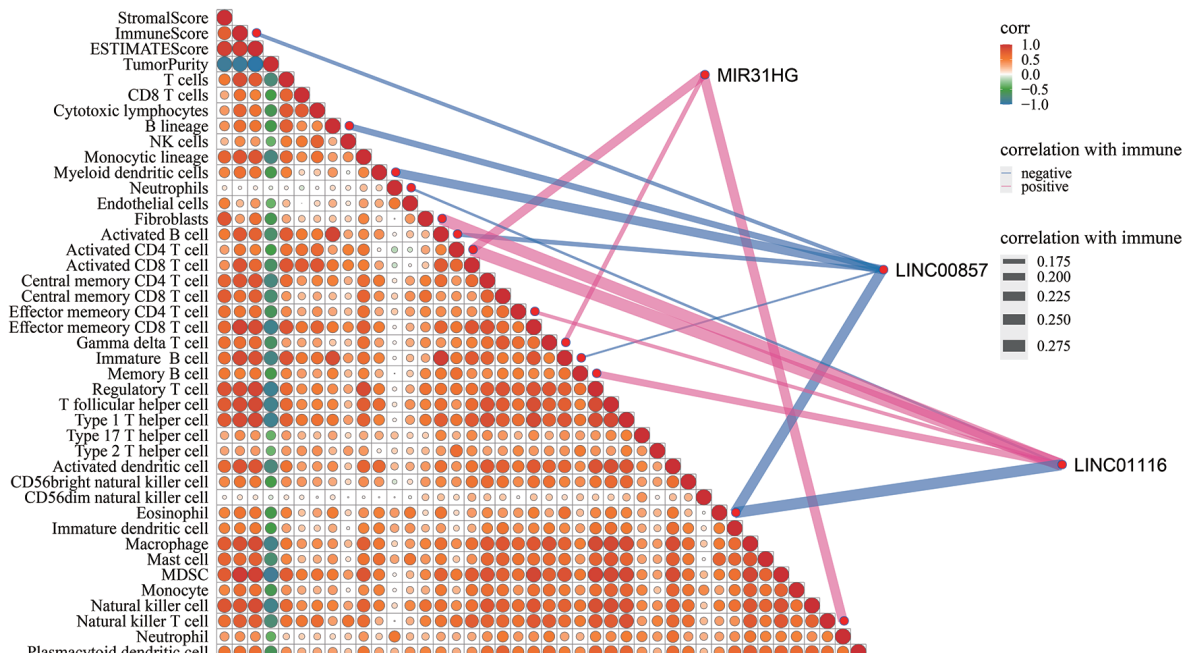
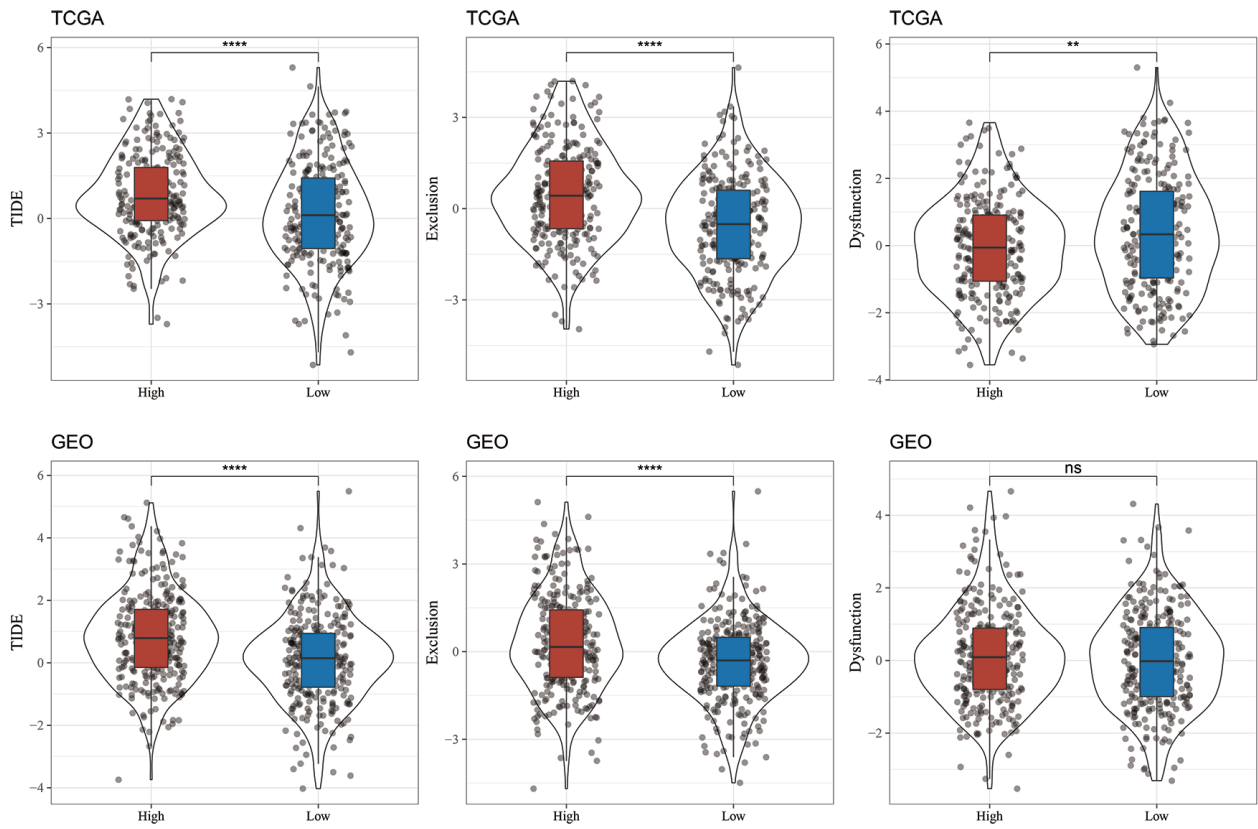


**Figure S1** Concurrent presence of hypoxia pathway-derived lncRNAs in TCGA-LUAD and GEO specimens. (A) Venn diagram showing the intersection of hypolncRNAs in TCGA-LUAD and GEO cohorts; (B) GSEA results of hypolncRNAs in the hypoxia pathways in TCGA. TCGA, The Cancer Genome Atlas; LUAD, lung adenocarcinoma; GEO, Gene Expression Omnibus; hypolncRNA, hypoxia-associated long noncoding RNA; GSEA, Gene Set Enrichment Analysis.



**Figure S2** The correlation analysis between key lncRNAs and immune cells.



**Figure S3** TIDE analysis between high- and low- risk score groups. ns,  $P > 0.05$ ; \*\*,  $P < 0.01$ ; \*\*\*\*,  $P < 0.0001$ .