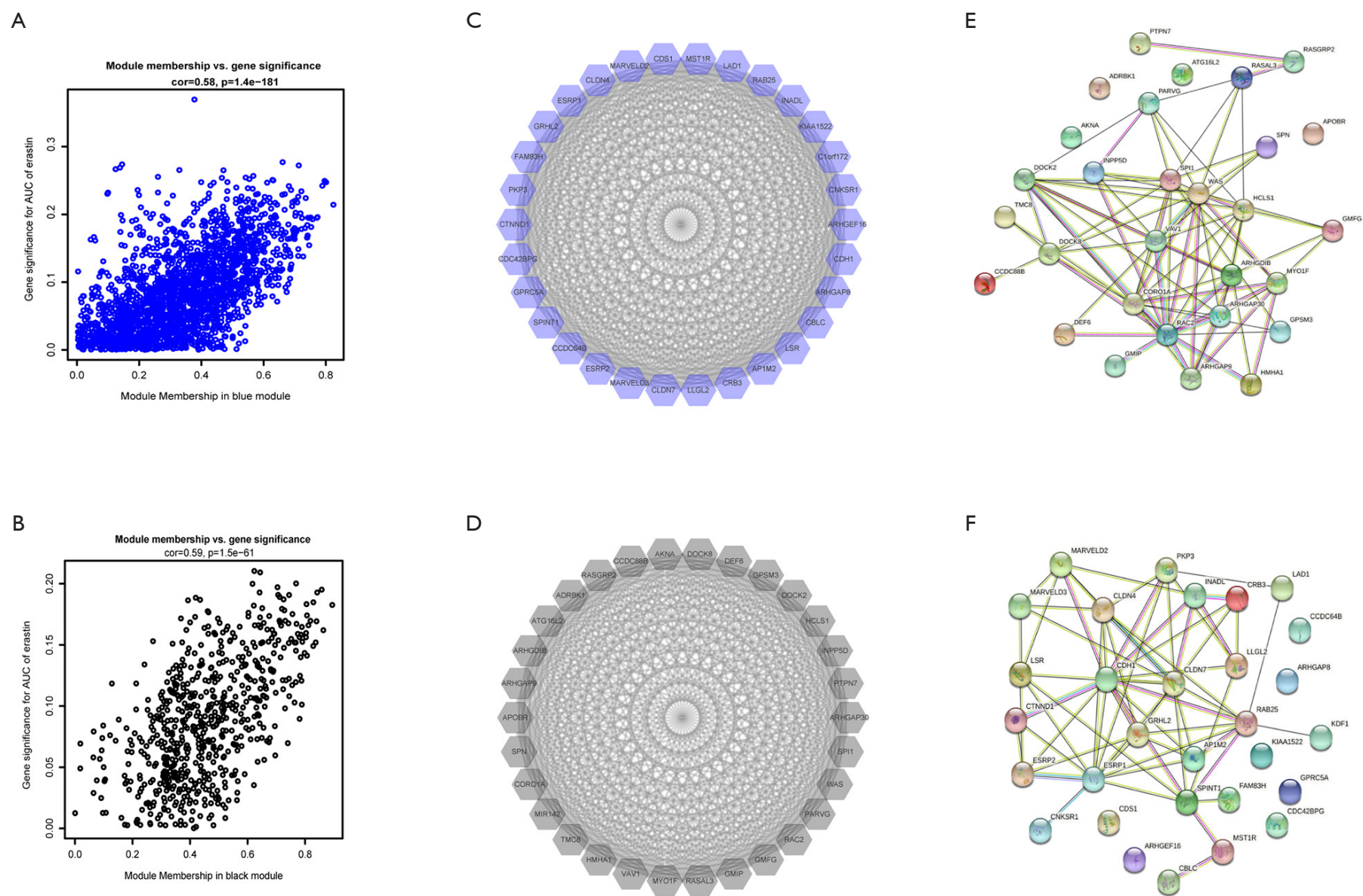


**Figure S1** Development of EGFR-TKIs-resistant lung cancer cell model. (A,B) EGFR-mutant lung cancer cells (H1975 and HCC827) and its resistant counterparts (H1975R and HCC827R) cells were exposed to EGFR-TKI. Cell viability was detected using CCK-8 assay.



**Figure S2** Correlated genes in the blue module and black module. (A) Blue module GS (correlation between gene significance, Gene Signature) and MM (module membership degree, Molecular Membership). (B) Black module GS (correlation between gene significance, Gene Signature) and MM (module membership degree, Molecular Membership). (C) The co-expression network map of gene mRNA in the blue module. (D) The co-expression network map of gene mRNA in the black module. (E) The protein-protein interaction network diagram of genes in the blue module. (F) The protein-protein interaction network map of genes in the black module.