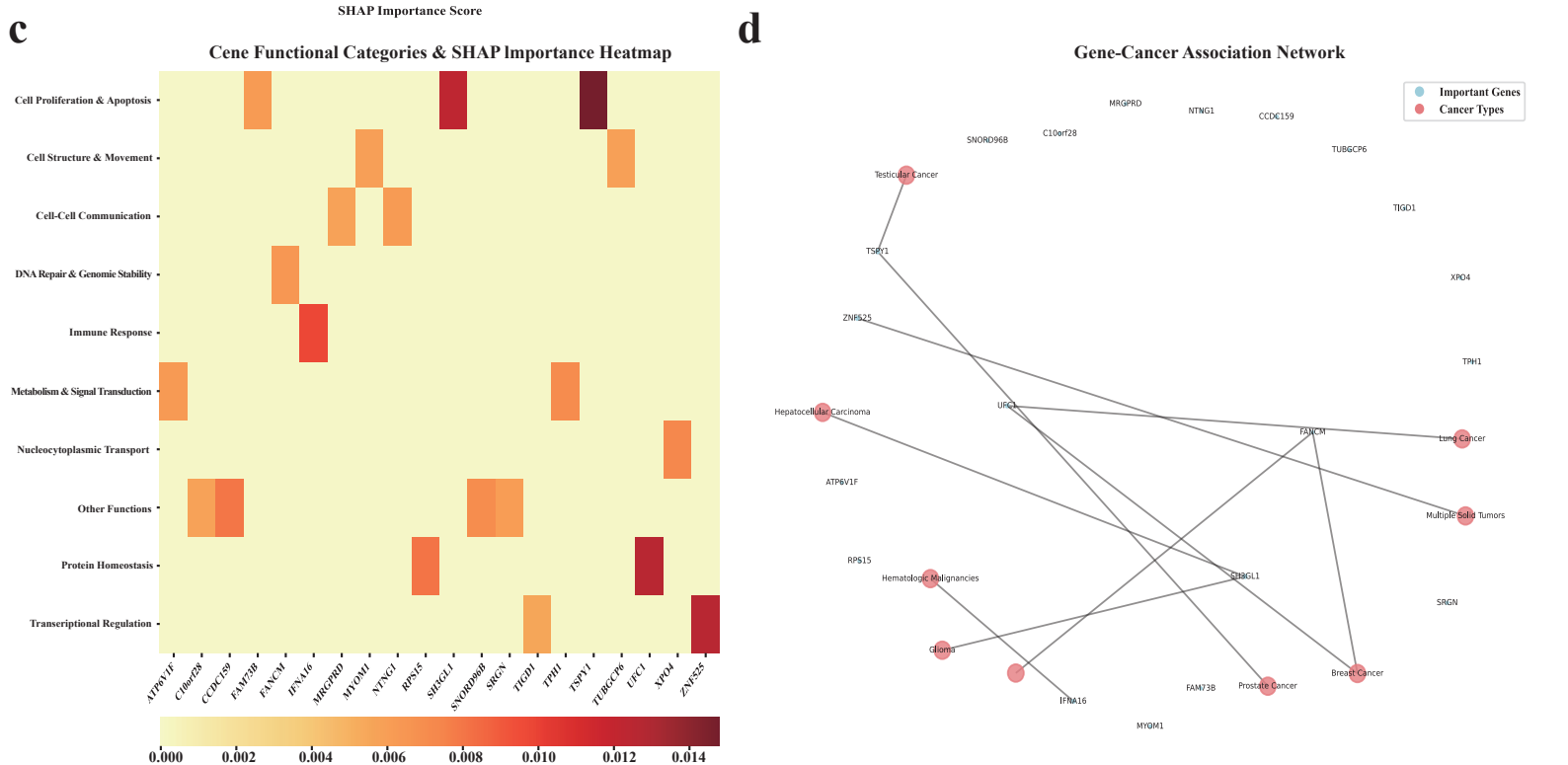
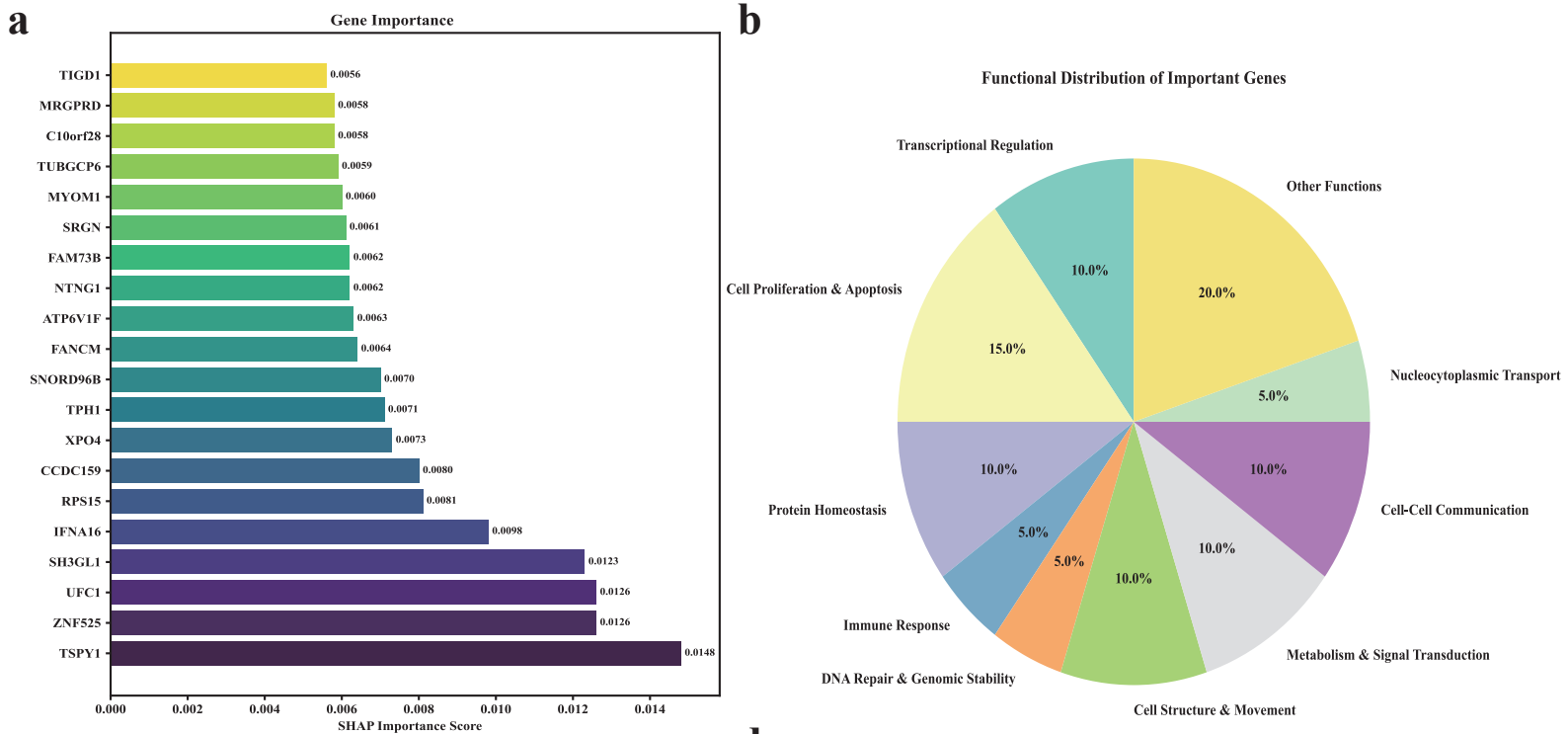




Supplementary Fig 3. SHAP analysis. a. SHAP analysis identified 20 genes that are most important for cancer classification, meaning that these genes play a key role in the model's decision-making process. b. By interpreting the biological significance of important genes through functional analysis, we can better understand cancer changes. c and d. Functional classification heat maps and cancer association networks reveal the impact of each gene on cancer classification decisions.