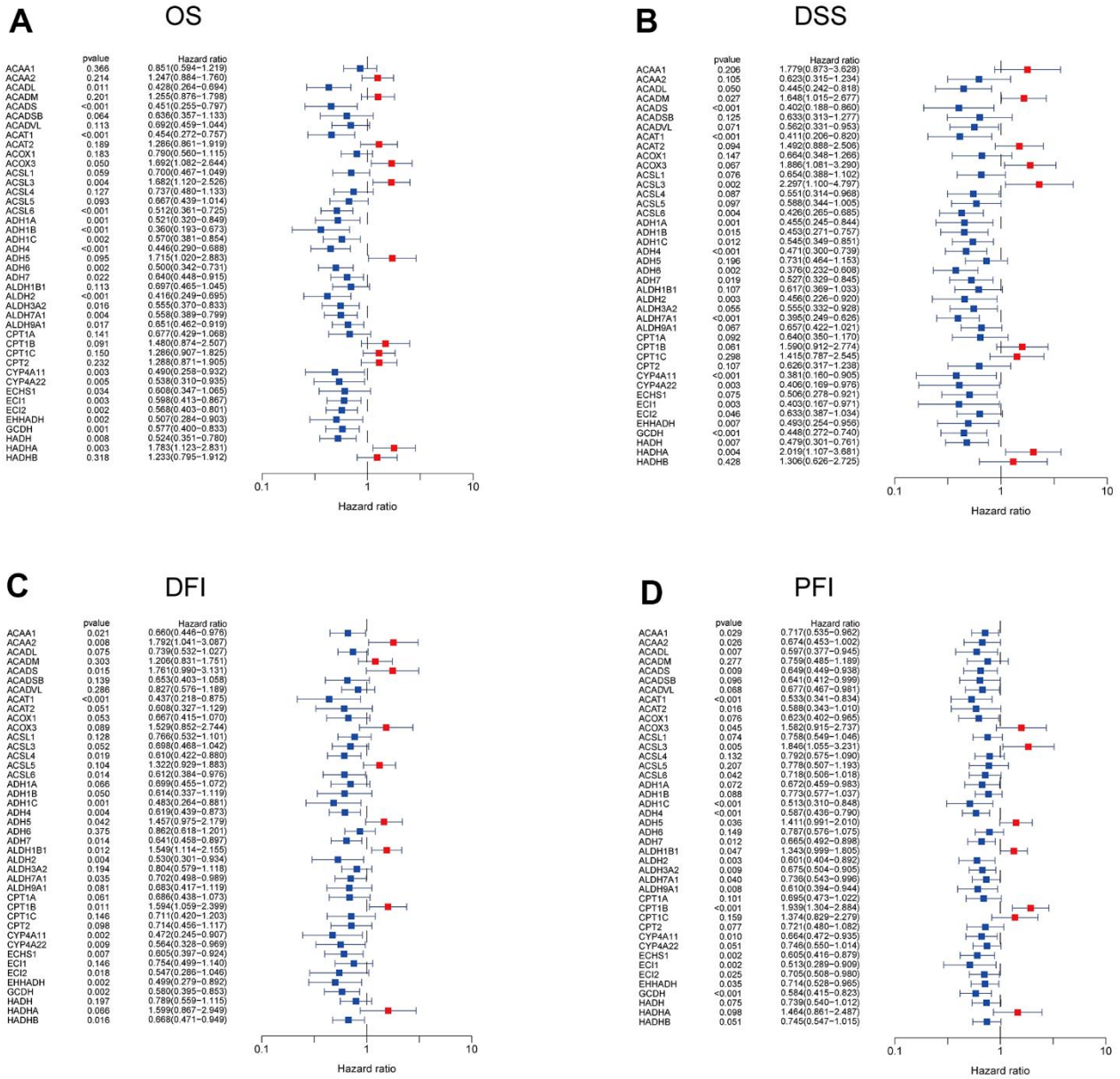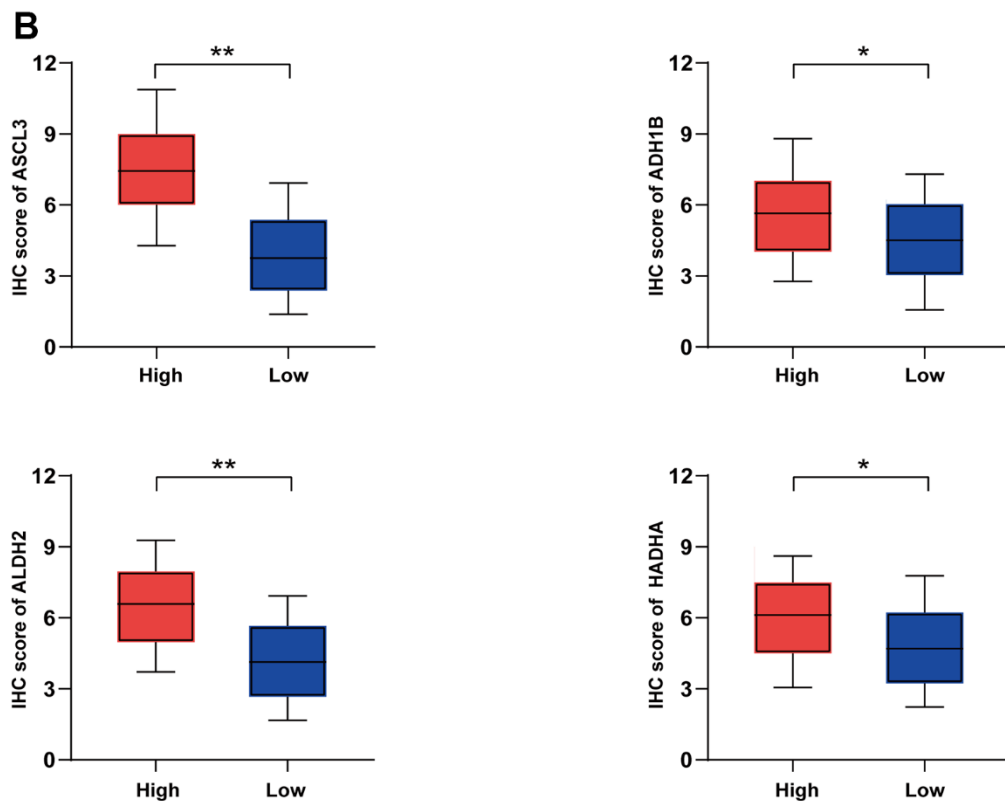Supplementary Figure 1. The overall predictive value of 42 TRPGs in HCC patients. Univariate Cox regression analysis of 42 TRPGs associated with OS (**A**), DSS (**B**), DFI (**C**), and PFI (**D**) in HCC patients. TRPGs, tryptophan metabolism-related genes; HCC, hepatocellular carcinoma; OS, overall survival; DSS, disease-specific survival; DFI, disease-free interval; DFI, progression-free interval.

Supplementary Figure 2. (**A**) Knockdown efficiency of ASCL3, ADH1B, ALDH2 and HADHA in HCC cells. (**B**) IHC score of ASCL3, ADH1B, ALDH2 and HADHA in tumor and normal tissues.