

Integrated Analysis and Identification of Critical RNA-Binding Proteins in Bladder Cancer

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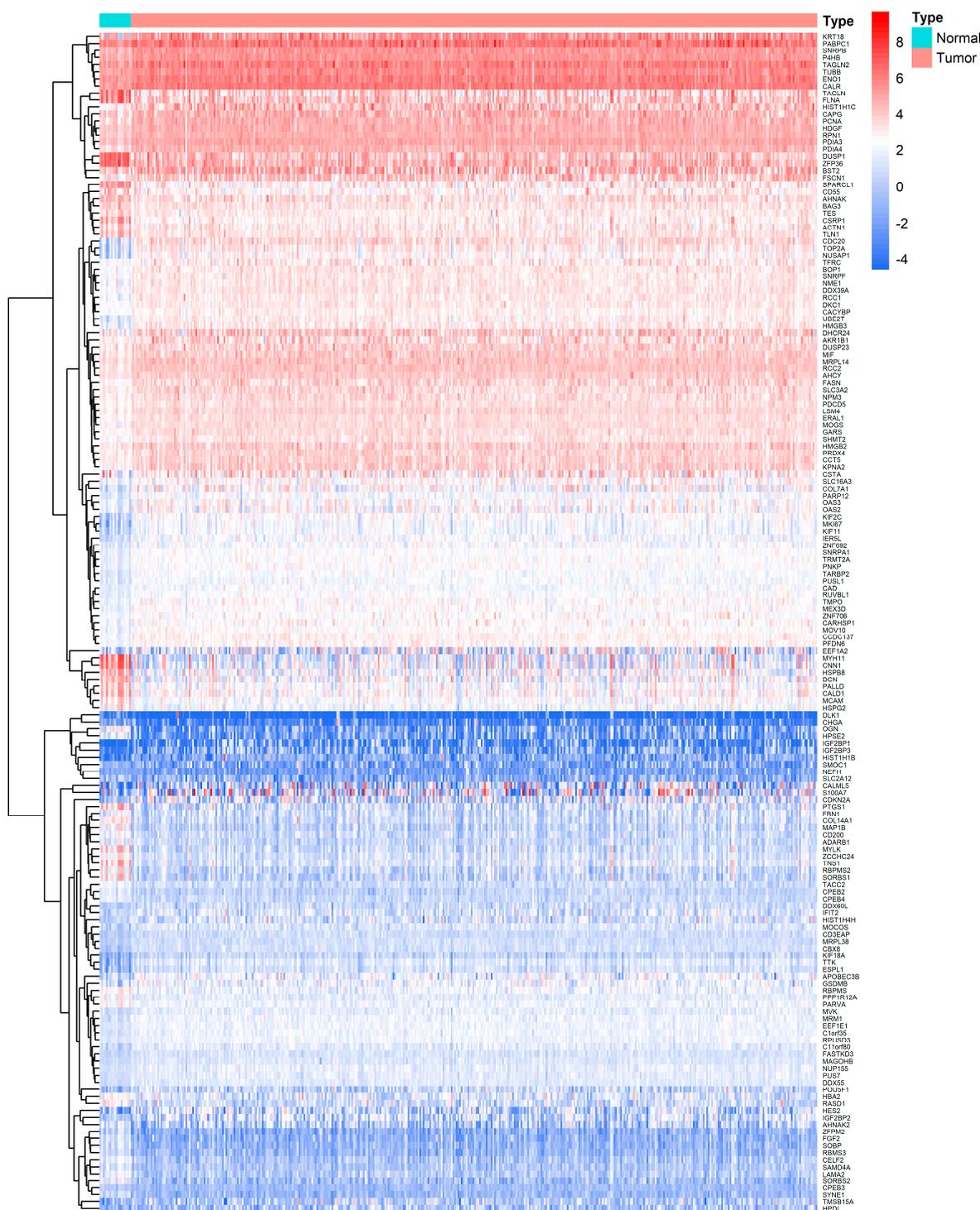


Figure S1. Heat map of differentially expressed RNA-binding proteins (RBPs) in bladder cancer (BC) from TCGA.

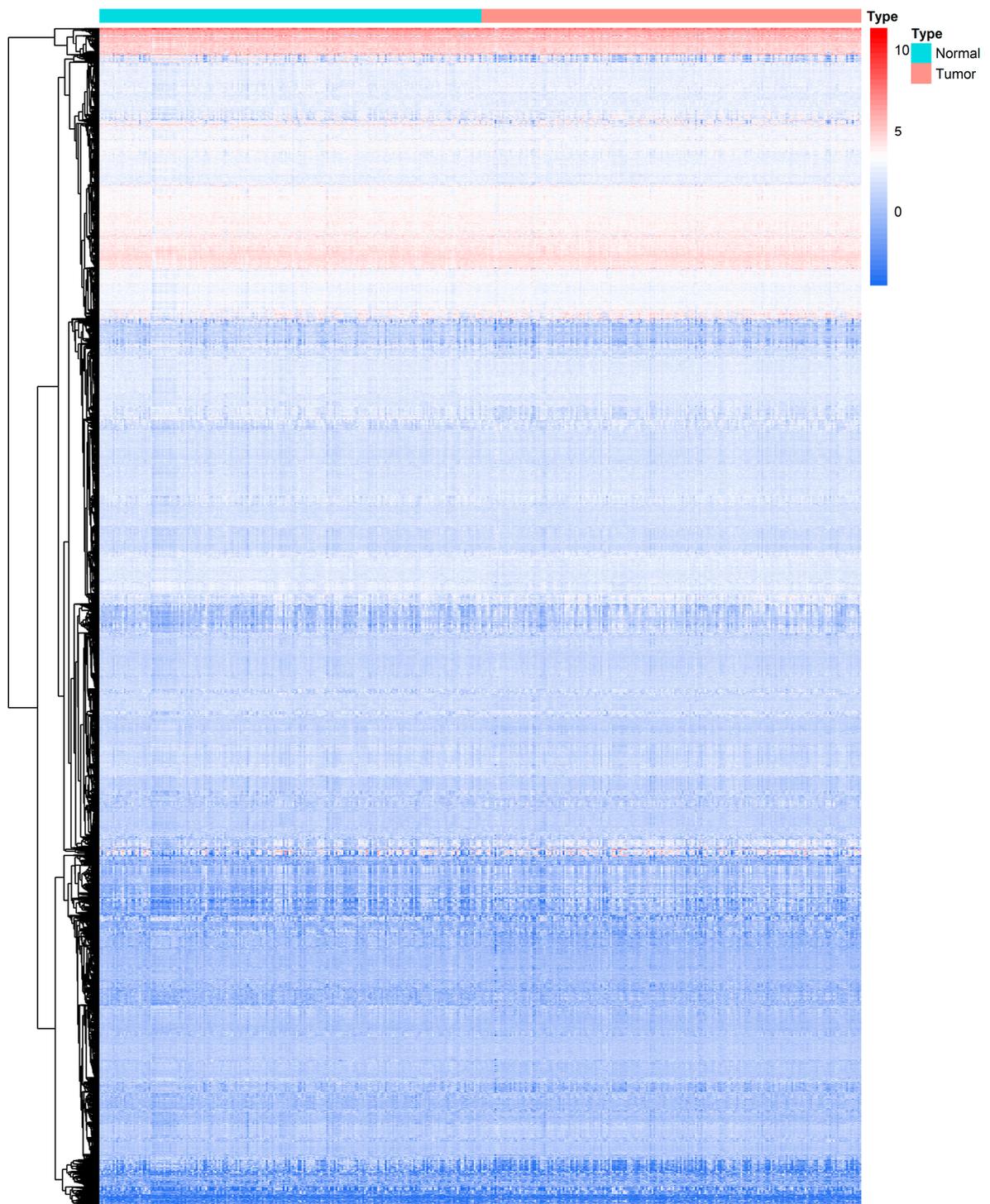


Figure S2. Analysis of differentially expressed genes between the low- and high-risk groups ($p < 0.001$, $|\log_2FC| > 1.0$).

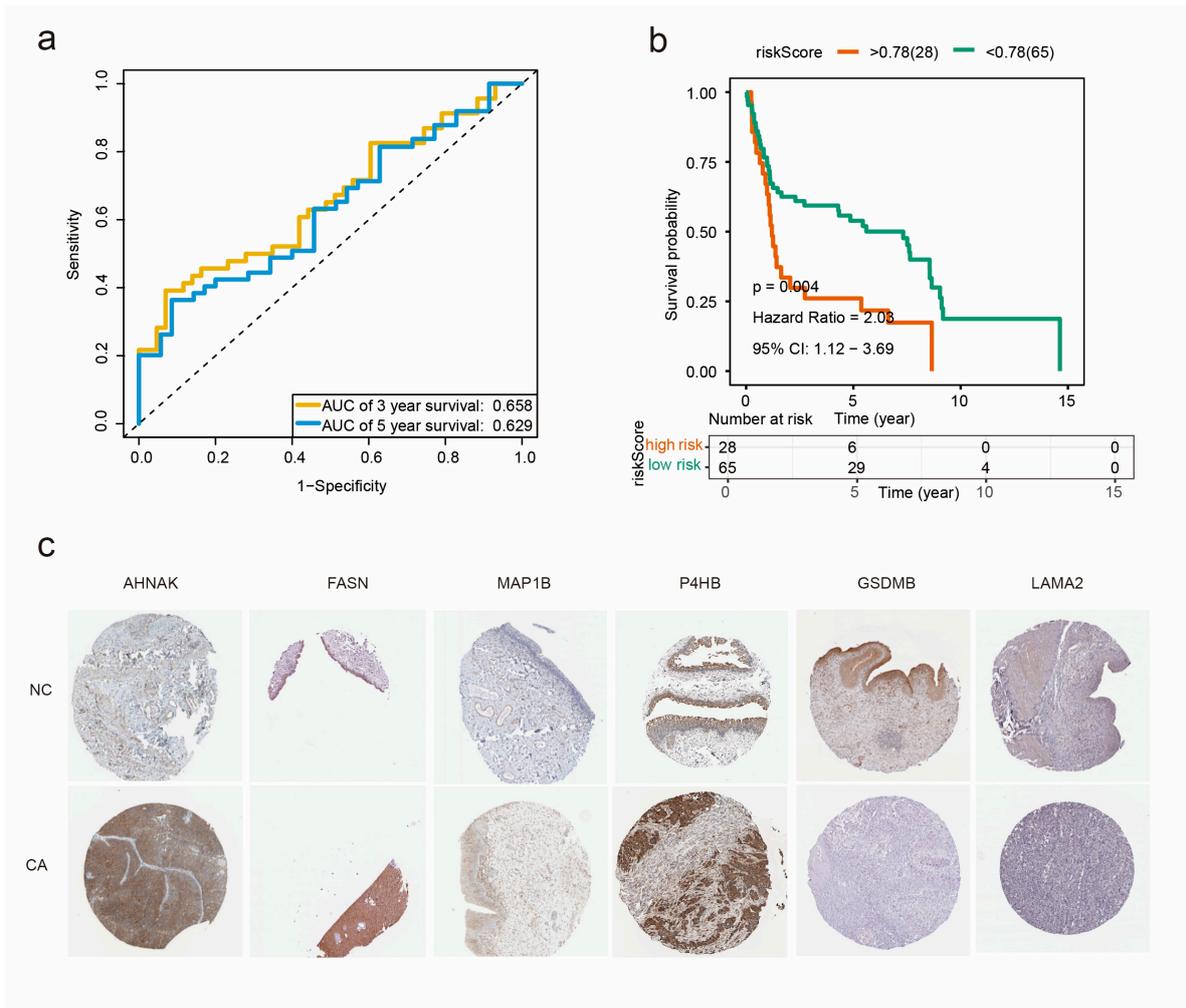


Figure S3. ROC curve for the test set (GSE31684); b The test set (GSE31684) survival analysis curves of the six RBPs were derived by creating the prognostic model shown in the forest map. Yellow indicates patients in the high-risk group, and blue indicates patients in the low-risk group; c Immunohistochemical results of the six RBPs in BC from the Human Protein Atlas databas.

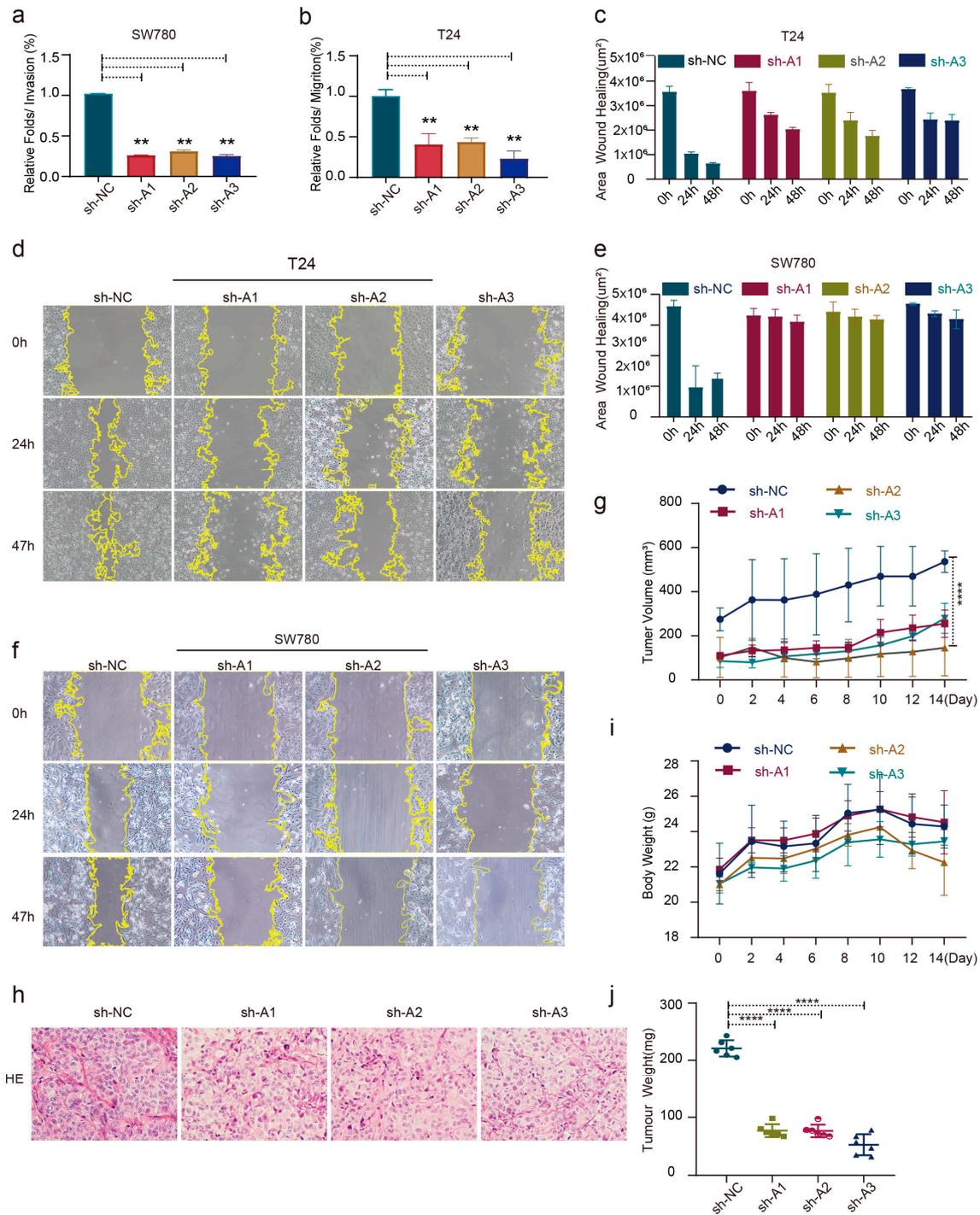


Figure S4. Analysis results of AHNAK-knockdown (KD) SW780 migration (a) and T24 invasion (b). AHNAK KD T24 and SW780 cells were observed using a microscope 0, 24, and 48 h after the scratch (c-f). Results of tumor volume (g) and weight analysis (i). H&E staining analysis of tumor tissues (h) (* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, and **** $p < 0.0001$).

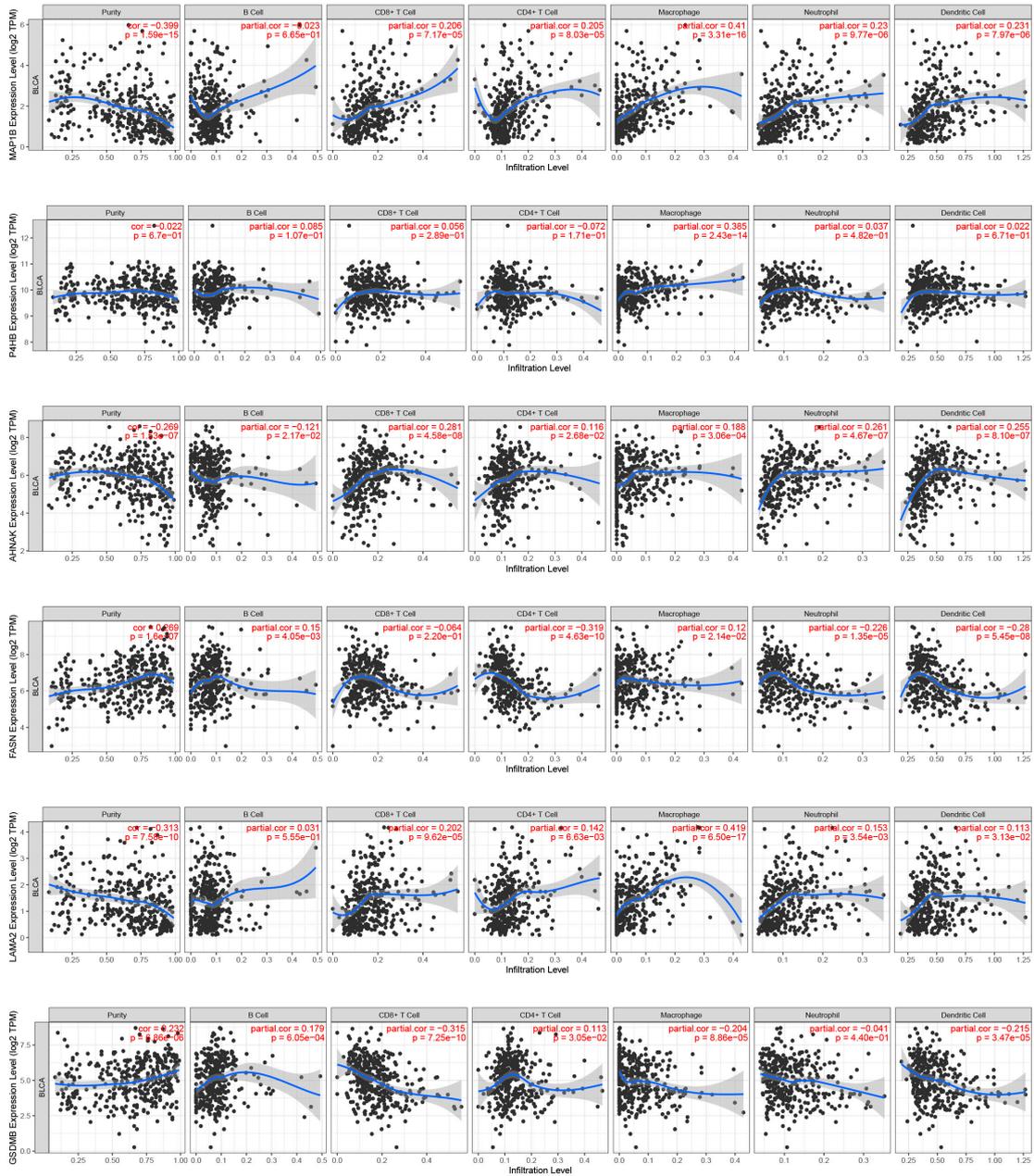


Figure S5. Correlation of six-RBP expression with macrophage- and neutrophil-immune infiltration levels in BC.