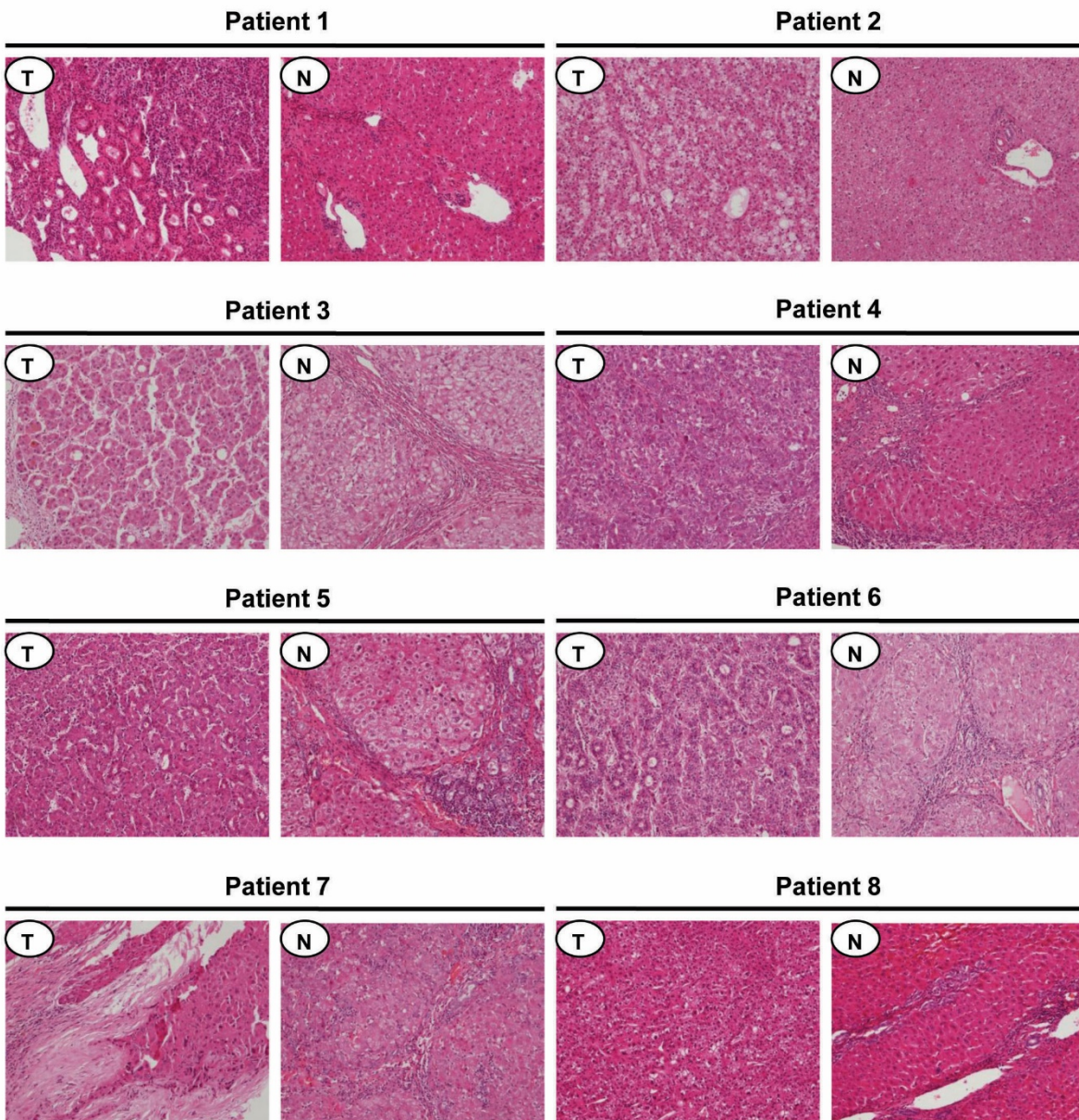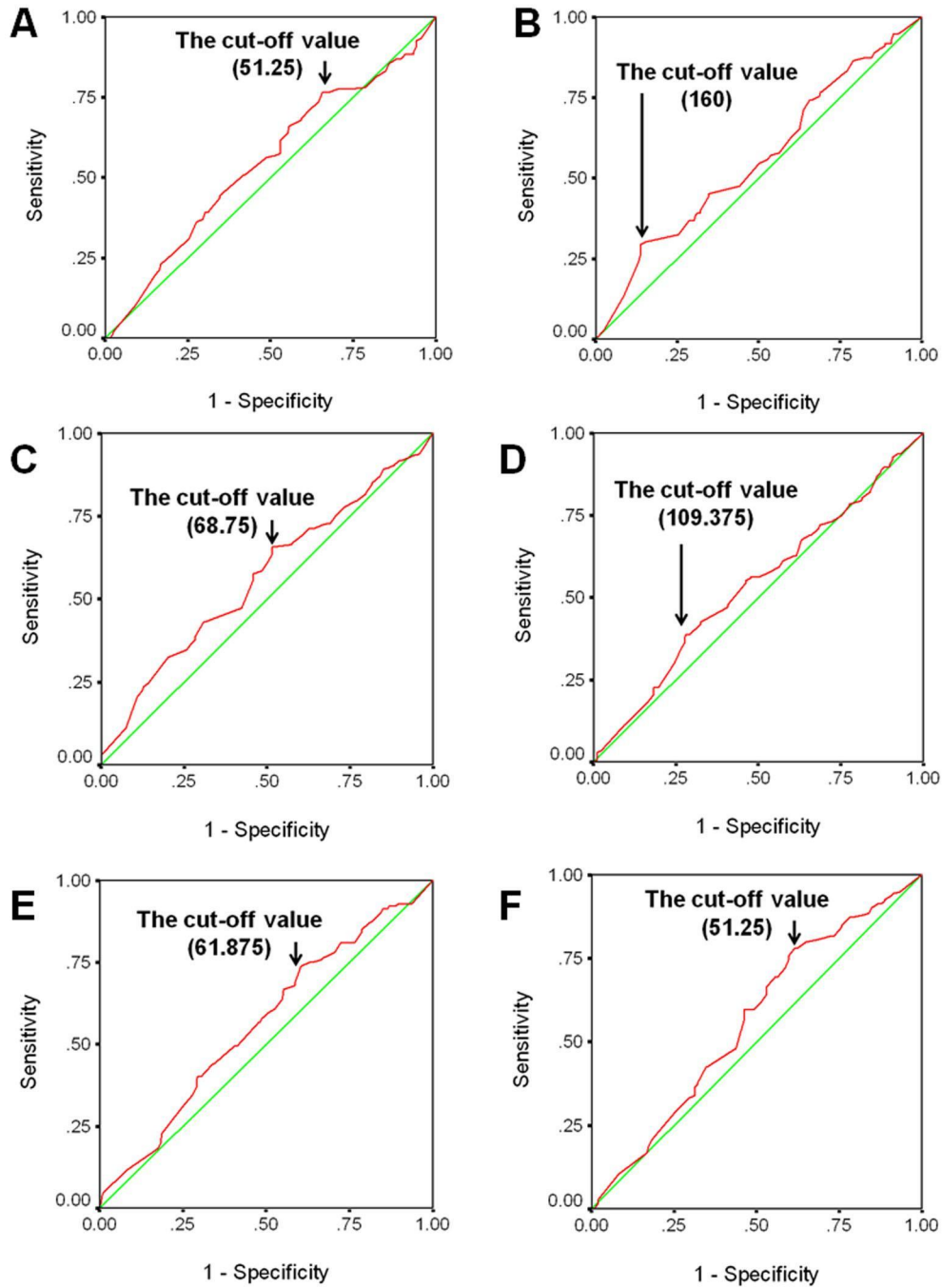**Figure S1.** The hematoxylin and eosin (H&E) staining images of tumor and non-tumor tissues of 8 patients with hepatocellular carcinoma (HCC). T, tumor; N, non-tumor.

Figure S2. ROC curves of G protein-coupled receptor kinase 3 (GRK3) for tumor-specific survival and clinicopathologic variables in training set of hepatocellular carcinoma (HCC). (**A**) Tumor-specific survival; (**B**) alpha-fetoprotein (AFP) level; (**C**) Edmondson-Steiner grade; (**D**) Vascular invasion; (**E**) Tumor size; (**F**) tumor-node-metastasis (TNM) stage.

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