Supplementary information, Figure S11

Figure S11  Immunohistochemistry staining of phosphorylated STAT3 and its prognostic significance in HCC patients. (A) Representative images of pSTAT3 in HCC samples and its correlation with ZNF717. Pearson Chi-square analysis indicated that pSTAT3 expression significantly and negatively correlated with ZNF717 expression ($P < 0.001$). (B) Patients with high pSTAT3 expression had a significantly unfavorable outcome than those with low expression (5-year OS rate: 83.8% vs. 53.7%; $P = 0.001$, log-rank test). Combining ZNF717 and pSTAT3 could better stratify patients into subgroups with different survival probability, where patients with simultaneously high ZNF717 and low pSTAT3 expression had the most optimal survival ($P = 0.001$, log-rank test).