**Supplemental Figure legend**

**Figure S1. Sorafenib has no effects on CD133 mRNA expression in vitro.** Huh7 cells were treated with SO (Sorafenib, 5 and 10μm) for 72 hours, and then CD133 mRNA was detected by qRT-PCR analysis. There was no significant effect at either of the doses examined (p>0.05, all compared with control).

**Figure S2. Cut-off of Ptch1 staining was based on ROC curve estimation.**

The staining score of Ptch1 was calculated according to the percentage of positive cells (cytoplasm) from 0 to 100, and the samples in the cohort were classified as negative when the scores ranged from 0 to 25 and positive when they fell between 26 and 100. The cut-off value was based on the ROC curve estimation, the point of 25% got the highest value of AUC (area under curve) for RFS (Recurrence-free-survival).