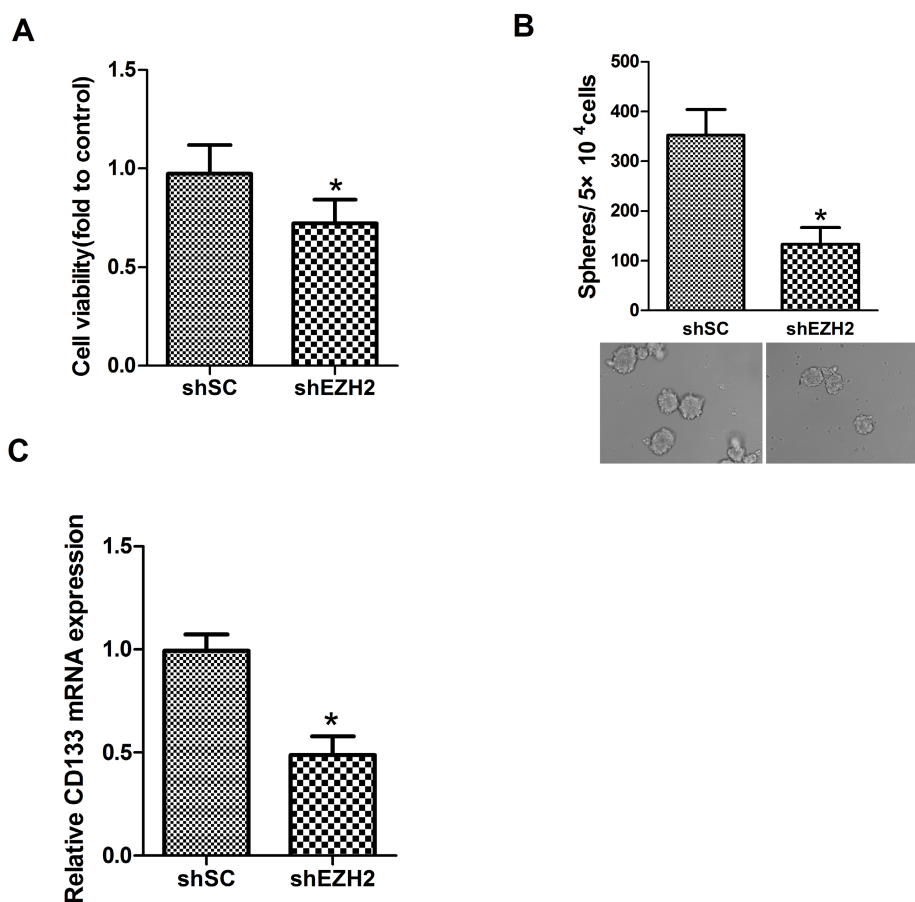


## Supplemental figures and legends



**Figure S1 Depletion of EZH2 inhibited viability and self-renewal ability of GSCs.** (A) Cell viability was determined by CCK-8 assay in the GSC<sub>U251</sub> transfected with EZH2-targeted shRNA (shEZH2) or scrambled shRNA (shSC). Data were presented as mean  $\pm$  SD from three independent experiments. \* $P < 0.05$  vs. control. (B) The changes of morphology and tumor-sphere numbers were shown in the GSC<sub>U251</sub> transfected with shEZH2 or shSC (200 $\times$ ). Each bar represents mean  $\pm$  SD from three independent experiments. \* $P < 0.05$  vs. control. (C) mRNA levels of CD133 were determined by qRT-PCR in the shEZH2 or shSC transfected GSC<sub>U251</sub>. The result represents mean  $\pm$  SD from three independent experiments. \* $P < 0.05$  vs. control.