

Figure S1. Radiosensitization of T98G cells by IDH1-R132H. (A). Expression levels of IDH1-R132H and TIGAR in T98G cells transfected with the pCMV-IDH1-R132H plasmid were examined by western blot analysis. * $P < 0.05$ vs. empty vector-transfected cells. (B) The radiosensitivity of T98G cells expressing IDH1-R132H was evaluated by clonogenic assay. ** $P < 0.01$ vs. empty vector-transfected cells. IDH1, isocitrate dehydrogenase 1; WT, wild-type; TIGAR, TP53-induced glycolysis and apoptosis regulator.

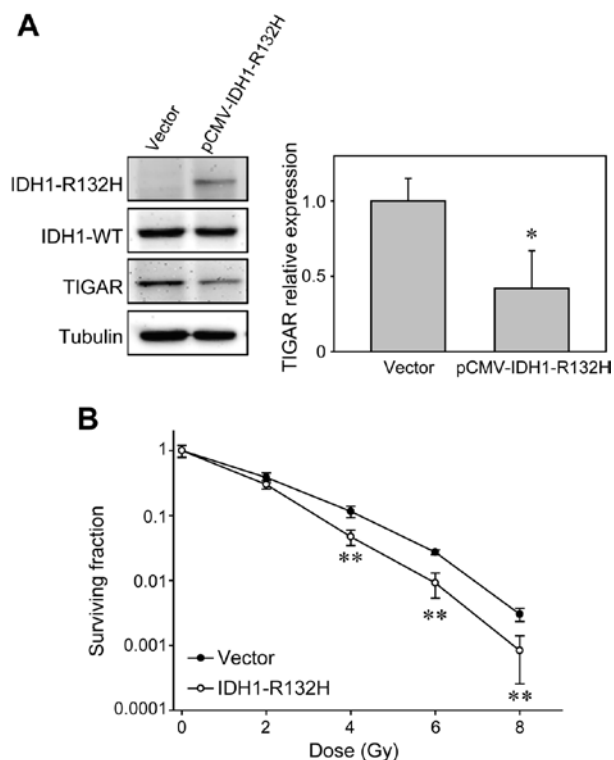


Figure S2. Effects of IDH1-R132H inhibitor AGI-5198 on the expression of TIGAR in U87MG-GSCs. Expression of TIGAR in U87MG-GSCs transfected with the pCMV-IDH1-R132H plasmid and incubated with AGI-5198 was examined by western blot analysis. IDH1, isocitrate dehydrogenase 1; WT, wild-type; TIGAR, TP53-induced glycolysis and apoptosis regulator; GSCs, glioma stem-like cells.

