

Figure S1. Expression of acid-sensing ion channel 1a is associated with improved survival in glioblastoma patients. Kaplan-Meier survival curve for the 5-year overall survival rate of glioma patients of (A) classical subtype ($P=0.0186$; log-rank test), (B) neural subtype ($P=0.0343$; log-rank test), (C) proneural subtype ($P=0.0535$, log-rank test), (D) with chemotherapy treatment ($P=0.0186$, log-rank test), (E) without chemotherapy ($P=0.0254$, log-rank test), and (F) without hormonal treatment ($P=0.0067$, log-rank test). TCGA, The Cancer Genome Atlas.

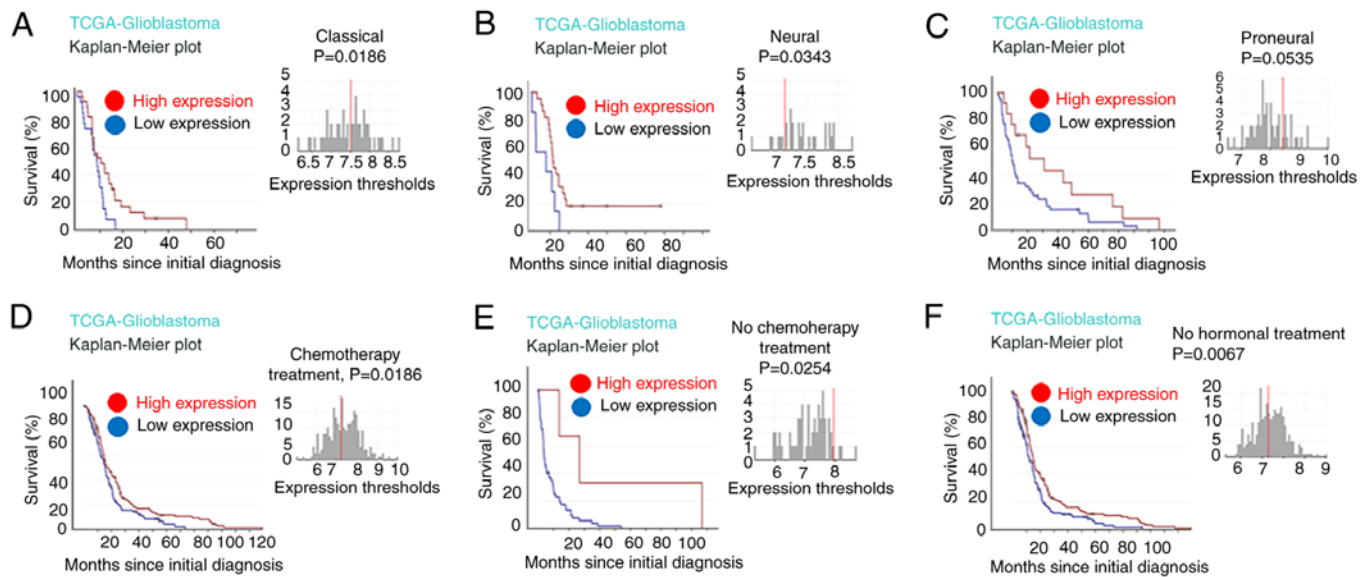


Figure S2. Glioblastoma stem cell marker CD133 expression is increased when acid-sensing ion channel 1a is inhibited by PcTx1 in glioma PDX-L12 cells. Flow cytometric analysis to assess CD133 expression in PDX-L12 glioma cells treated by 10 nM of PcTx1 for 72 h. *P<0.05. PcTx1, plasmotoxin.

