**Abbreviations**

WHO, the World Health Organization; GBM, Glioblastoma; SnoRNAs, small nucleolar RNAs; TCGA, the Cancer Genome Atlas; GTEx, the Genotype-Tissue Expression; ROC, receiver operating characteristic; GSEA, Gene set enrichment analysis; GO, Gene Ontology; KEGG, Kyoto Encyclopedia of Genes and Genomes; siRNA, small interfering RNA; MTT, methyl thiazolyl tetrazolium; DMSO, dimethyl sulfoxide; EMT, epithelial-mesenchymal transition; OS, overall survival; DFS, disease-free survival; K-RAS, Kirsten rat sarcoma viral oncogene homolog;