

Figure S1. Quantitative analysis of the effects of MT and EX527 on the invasion and migration of glioblastoma cells. (A) Quantification of invaded U87MG and LN229 cells in the Transwell invasion assay after treatment with 1 mM MT for 48 h. (B) Quantification of the relative migration of U87MG and LN229 cells in the wound healing assay after treatment with 1 mM MT for 24 h. (C) Quantitative analysis of the wound healing assay in U87MG and LN229 cells treated with DMSO, 1 mM MT, 5 μ M EX527 or the combination of MT and EX527 for 24 h. Relative migration was normalized to the DMSO group. Data are presented as the mean $\pm$ SD from three independent biological replicates (n=3). Statistical significance was determined using one-way ANOVA followed by Tukey's post hoc test. **P<0.01, ***P<0.001 and ****P<0.0001. MT, melatonin.

