

**Interaction of SENP6 with PINK1 Promotes Temozolomide Resistance in Neuroglioma
Cells via Inducing the Mitophagy**

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Supplemental Tables and Figures

Supplemental Table 1. Primer sequences for real-time PCR

Gene	Forward (5' to 3')	Reverse (5' to 3')
human SENP6	ctctgactatctgagatcggctgag	gcaggcggctccttcagtttg
human GAPDH	ggcaagggtcatcccagagct	cccaggatgccctttagtgg

SENP6, small ubiquitin-like modifier specific protease 6; GAPDH, glyceraldehyde-3-phosphate dehydrogenase.

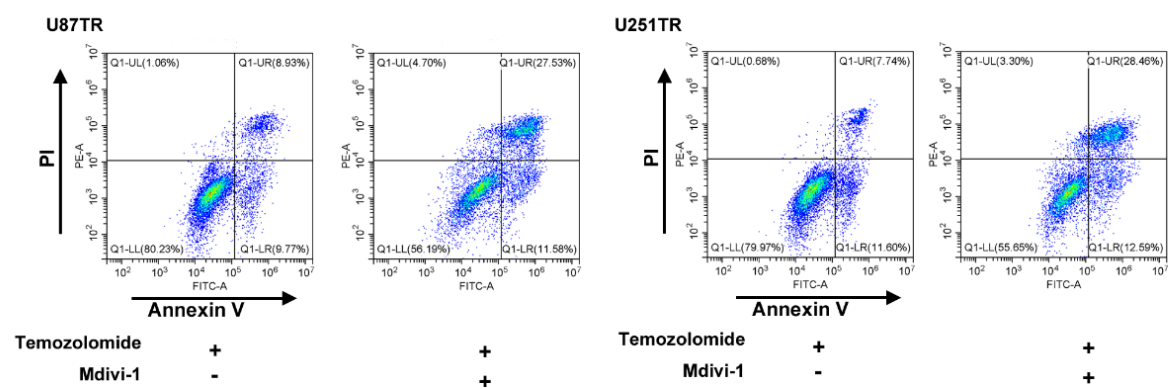
Supplemental Table 2. Antibodies for western blotting and Immunofluorescence

Antibodies	Product numbers	Applications
mouse anti-SENP6	Santa Cruz, sc-100585	WB (1:500); IF (1:100); IP (1:50)
rabbit anti-PINK1	Abcam, ab216144	WB (1:1000); IF (1:200); IP (1:300)
mouse anti-Parkin	Abcam, ab77924	WB (1:1000)
rabbit anti-Sumo2	Abcam, ab233222	WB (1:500)
rabbit anti-GAPDH	Abcam, ab8245	WB (1:8000)
rabbit-anti-phospho- Parkin (Ser65)	CST, #36866	WB (1:5000) WB (1:1000)

mouse anti-rabbit IgG-	Santa Cruz, sc-	WB (1:5000)
HRP	2357	
goat anti-mouse IgG-	Santa Cruz, sc-	WB (1:5000)
HRP	2005	

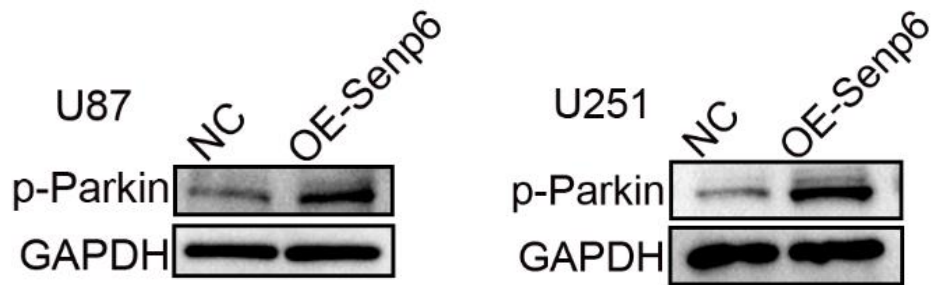
WB, western blotting; IF, Immunofluorescence; IP, Co-immunoprecipitation.

Supplemental Figure 1



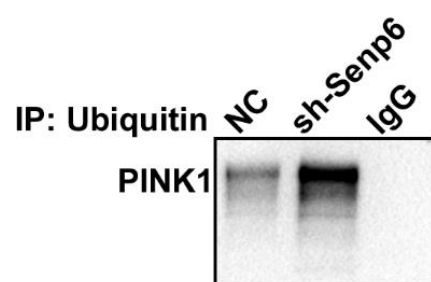
Supplemental Fig. 1 Cell apoptosis was examined by flow cytometry after treatment with 100 µg/ml temozolomide and 10 µM Mdivi-1.

Supplemental Figure 2



Supplemental Fig. 2 The phosphorylation of Parkin was examined by western blotting.

Supplemental Figure 3



Supplemental Fig. 3 Immunoprecipitation for PINK1 ubiquitination in U87TR cells.