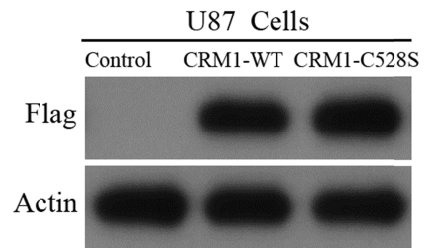


Supplementary Fig. 1. The effect of S109 treatment on U251 and U87 cell viability. Cells were treated with S109 at 0–2 μM for 24 or 48 h, then cell viabilities were examined by CCK8 assay. The data are presented as the means \pm standard error of the mean from three independent experiments.



Supplementary Fig. 2. The identification of chromosomal region maintenance 1 (CRM1)-wild-type (WT) and CRM1-C528S stable cell lines. The total protein was extracted from U87, U87-CRM1-WT or U87-CRM1-C528S cells, and then the expression of Flag tag protein was assessed by Western blot assays.

Supplementary Table 1. The percentage of U251 and U87 cell survival after S109 treatment for 24 or 48 h

Cell lines and treatment time	0.1% DMSO	0.125 μ M S109	0.25 μ M S109	0.5 μ M S109	1 μ M S109	2 μ M S109
U251 cells 24 h	104.72%	94.97%	92.05%	89.11%	87.70%	86.22%
	99.91%	99.22%	95.14%	94.95%	94.38%	91.61%
	95.37%	99.05%	96.50%	91.41%	90.34%	89.46%
U251 cells 48 h	100.21%	99.40%	98.43%	97.71%	92.64%	90.33%
	105.09%	99.60%	97.93%	95.46%	94.51%	84.10%
	94.70%	94.16%	93.66%	90.12%	89.18%	84.92%
U87 cells 24 h	101.01%	94.61%	92.48%	87.66%	86.57%	84.22%
	103.92%	99.62%	95.79%	93.92%	92.32%	90.68%
	95.07%	99.71%	97.47%	92.59%	90.83%	86.25%
U87 cells 48 h	103.01%	93.61%	90.48%	87.66%	86.57%	82.22%
	101.07%	98.62%	96.79%	95.92%	93.32%	86.68%
	95.92%	99.71%	95.47%	92.59%	87.83%	86.25%

The three sets of data in each cell represent the results of three repeated experiments.