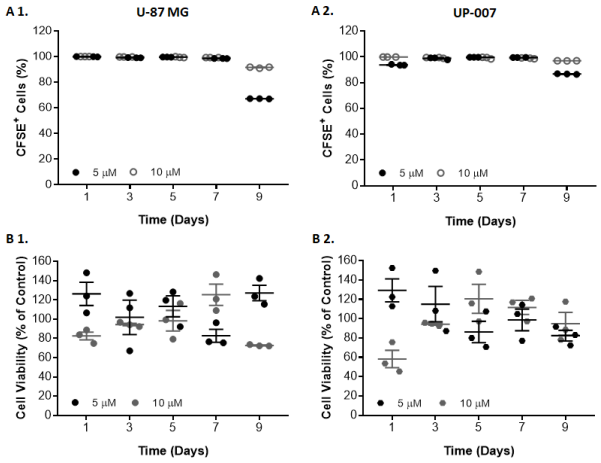
Supplementary Data.

Table S1. IC_{50} values of TMZ, CLM and VCR in three GBM cell lines and astrocytes.

IC_{50} (μM)*	Temozolomide	Vincristine	Clomipramine
GBM			
U87-MG	>1000 μM	3.60 ± 0.62 μM	16.37 ± 1.53 μM
UP-007	>1000 μM	6.92 ± 1.77 μM	6.48 ± 2.20 μM
Astrocytes			
UP-010	>1000 μM	0.14 ± 0.48 μM	2.4 0± 0.43 μM

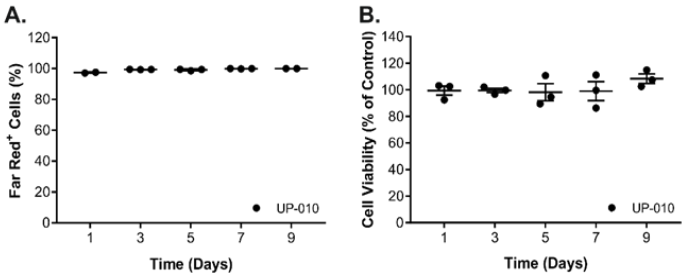
***IC_{50} value are mean ± standard error of means calculated from 3 independent experiments.**

Figure S1.



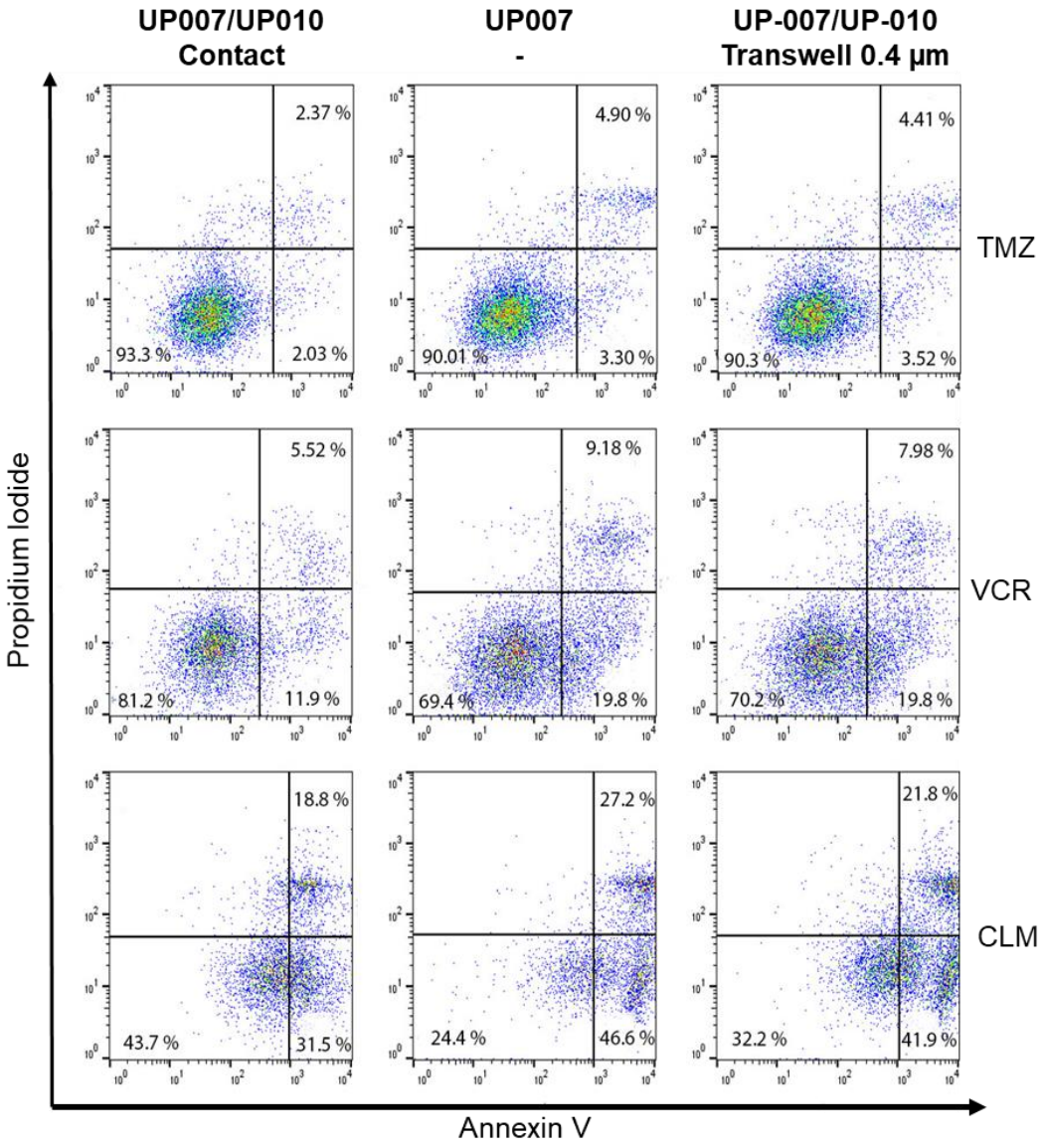
Fluorescent labelling and viability of GBM cells marked with Cell Trace. A1-A2) Percentage of CFSE-positive U-87 MG (**A1)** and UP-007 (**A2**) over 9 days of culture. Percentage of cells is given compared to an unstained control. B1-B2) Viability of U-87 MG (**B1**), UP-007 (**B2**) cells stained with Cell Trace CFSE (5-10 μM) compared to unstained control cells. Mean ± SEM (N=3).

Figure S2.



Fluorescent labelling and viability of astrocytes (UP-010) marked with Cell Trace Far Red. **A**) Percentage of Far Red-positive UP-010 cells along 9 days of culture. Percentage of cells is given compared to an unstained control. **B**) Viability of Far Red-positive UP-010 compared to unstained control cells. Mean ± SEM (N=3).

Figure S3.



Astrocytes protect glioblastoma cells from apoptosis by direct contact. To avoid cell-to-cell contact astrocytes cells (UP-010) were seeded on the top of transwell chamber (pore size 0.4 µm) while the CFSE glioblastoma cells (UP-007) were seeded on the bottom of 24 well plate. Representative dot plot showed TMZ (400 µM), VCR (2 µM) or CLM (20 µM) induced apoptosis of UP-007 in different culture system.