

Supplementary Materials: Integrin $\alpha 10$, a Novel Therapeutic Target in Glioblastoma, Regulates Cell Migration, Proliferation, and Survival

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Table S1. The 8 genes involved in migration and/or invasion among the top 20 genes up-regulated in the $\alpha 10^{\text{high}}$ expressing U3071MG, U3078MG and U3054MG cells according to microarray analysis. Log fold changes and *p*-values are shown.

No.	Gene Symbol	Gene Description	Log Fold sChange	<i>p</i> -Value	Ref.
2	CAPN6	calpain 6	1.55	0.023	[1]
4	MGP	matrix Gla protein	1.19	0.012	[2,3]
10	PDGFD	platelet derived growth factor D	1.00	0.002	[4]
11	ANGPT1	angiopoietin 1	0.97	0.0004	[5]
12	TRPV4	transient receptor potential cation channel, subfamily V, member 4	0.96	0.001	[6–8]
15	SPP1	secreted phosphoprotein 1	0.86	0.022	[9]
16	SERPINI1	serpin peptidase inhibitor, clade I (neuroserpin), member 1	0.84	0.009	[10]
18	SCIN	scinderin	0.82	0.027	[11]

Table S2. The table showing the relevant information pertaining to the primary antibodies used in the context of flow cytometry and immunolabeling.

Epitope	Conjugate	Manufacturer	Species; Monoclonal or Polyclonal
Integrin $\alpha 3$		LS-B13291, LSBio	Mouse; monoclonal
Integrin $\alpha 6$		MAB1378, Millipore	Rat; monoclonal
Integrin $\alpha 7$		LS-B11231, LSBio	Mouse; monoclonal
Integrin $\alpha 10$	Alexa Fluor 647	Xintela AB	Mouse; monoclonal
Integrin $\alpha 10$	PE	Xintela AB	Mouse; monoclonal
Integrin $\alpha 10$		Xintela AB	Rabbit; polyclonal
GFAP		ab53554, Abcam	Goat; polyclonal
Nestin		MAB5326 Chemicon®, Merck Millipore	Mouse; monoclonal
NG2		ab20156, Abcam	Mouse; monoclonal
NuMA		ab97585, Abcam	Rabbit; polyclonal
Saporin		ab18791, Abcam	Goat; polyclonal
Sox2		ab110145, Abcam	Goat; polyclonal

Table S3. List of secondary antibodies used in the context of flow cytometry and immunolabeling.

Secondary Antibodies	Manufacturer
Rhodamine Red™-X-AffiniPure F(ab') ₂ Fragment Donkey Anti-Rat IgG (H+L) (cat.no. 711-296-153)	Jackson ImmunoResearch Inc. (West Grove, PA, USA)
Rhodamine Red™-X (RRX) AffiniPure F(ab') ₂ Fragment Donkey Anti-Rabbit IgG (H+L) (cat.no. 711-296-152)	Jackson ImmunoResearch Inc. (West Grove, PA, USA)
Alexa Fluor® 488 AffiniPure F(ab') ₂ Fragment Donkey Anti-Mouse IgG (H+L) (cat.no. 715-546-150)	Jackson ImmunoResearch Inc. (West Grove, PA, USA)
Alexa Fluor® 647 AffiniPure F(ab') ₂ Fragment Donkey Anti-Mouse IgG (H+L) (cat. no.715-606-150)	Jackson ImmunoResearch Inc. (West Grove, PA, USA)
Alexa Fluor® 647 AffiniPure F(ab') ₂ Fragment Donkey Anti-Goat IgG (H+L) (cat.no. 705-606-147)	Jackson ImmunoResearch Inc. (West Grove, PA, USA)
PE Goat Anti-Mouse Ig (Multiple Adsorption) (cat .no. 550599)	BD Pharmingen

Table S4. TaqMan primers used in the qPCR analysis.

Gene	Manufacturer	Primer Name
CAPN6	Thermo Fisher Scientific	Hs00560073_m1
GAPDH	Thermo Fisher Scientific	Hs02758991_g1
ITGA3	Thermo Fisher Scientific	Hs01076879_m1
ITGA6	Thermo Fisher Scientific	Hs01041011_m1
ITGA7	Thermo Fisher Scientific	Hs01056475_m1
ITGA10	Thermo Fisher Scientific	Hs00174623_m1
MGP	Thermo Fisher Scientific	Hs00969490_m1

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