

Table S1. Data acquired from cBioPortal and CCLE on the mutational status, CNAs, and mRNA expression of genes identified throughout the discussion of results.

	T98G			U87MG			U251MG			DBTRG-05MG		
	CNA [#]	Mut.*	mRNA expression	CNA	Mut.	mRNA expression	CNA	Mut.	mRNA expression	CNA	Mut.	mRNA expression
AKT1	no alt. [†]		43.62067	no alt.		39.27408	no alt.		32.03077	no alt.		47.24887
BRAF	no alt.		3.48314	no alt.		4.18347	no alt.		5.05805	no alt.	V600E	3.28902
CDH1	no alt.		0.07831	no alt.		0.08822	no alt.		0.15062	no alt.		0.2802
ELF5	no alt.		0.01236	no alt.		0.4491	no alt.		0.01266	no alt.		0.05916
IDH1	no alt.		44.8614	no alt.		51.77509	no alt.		40.65739	no alt.		35.94795
IDH3G	no alt.		26.27039	no alt.		24.18385	no alt.		25.21216	no alt.	R109W	28.79707
RUNX2	no alt.		13.01955	no alt.		4.66042	no alt.		8.68072	no alt.		3.81298
SMAD3	no alt.		38.82957	no alt.		21.21619	no alt.		25.25521	no alt.		18.77967
SNAI1	no alt.		8.11037	no alt.		0.60624	no alt.		0.63004	no alt.		1.75119
TNK2 (ACK1)	no alt.		6.85204	no alt.		6.51467	no alt.		9.53257	no alt.		4.93732
TP53	no alt.	M237I	48.94476	no alt.		7.00334	no alt.	R273H	38.63569	no alt.		14.73492

– copy number alteration; * – mutation; † – no alteration.