



GLIOMA TUMOR CELL PANEL

The Glioma Tumor Cell Panel (**ATCC® No. TCP-1018™**) is comprised of 5 glioma tumor cell lines with varying degrees of genetic complexity. Each culture contains genomic mutations in one or more of the following genes according to the Sanger COSMIC database: CDKN2A, PTEN, and TP53. The table below provides more information for the cell lines included in this panel.

ATCC® No.	Name	Tumor Source	Tumorigenic	Histology	Mutant Gene	Zygoty	Gene Sequence	Protein Sequence
CRL-1620™	A172	primary	No	glioma	CDKN2A	homozygous	c.1_471del471	p.0?
					PTEN	homozygous	c.165_1212del1048	p.R55fs*1
HTB-12™	SW1088	primary	yes	glioma	CDKN2A	homozygous	c.1_471del471	p.0?
					PTEN	homozygous	c.165_1212del1048	p.R55fs*1
					TP53	homozygous	c.817C>T	p.R273C
HTB-148™	H4	primary	No	glioma	CDKN2A	homozygous	c.1_471del471	p.0?
					PTEN	homozygous	c.1_1212del1212	p.0?
HTB-15™	U-118-MG	primary	yes	glioma	CDKN2A	homozygous	c.1_471del471	p.0?
					PTEN	homozygous	c.1026+1G>T	p.?
					TP53	homozygous	c.638G>A	p.R213Q
HTB-14™	U-87-MG	primary	yes	glioma	CDKN2A	homozygous	c.1_471del471	p.0?
					PTEN	homozygous	c.209+1G>T	p.?
					CDKN2C	homozygous	c.1_507del507	p.0?