



## BRAIN CANCER CELL PANEL

The Brain Cancer Cell Panel (ATCC® No. TCP-1017™) is comprised of 4 brain cancer 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: TP53, CDKN2A, PTEN, and NF1. 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
<a href="#">CRL-2060™</a>	PFSK-1	primary	yes	primitive neuroectodermal tumor (PNET)	TP53	homozygous	c.823T>G	p.C275G
<a href="#">CRL-1620™</a>	A172	primary	No	glioma	CDKN2A	homozygous	c.1_471del471	p.0?
					PTEN	homozygous	c.165_1212del1048	p.R55fs*1
<a href="#">HTB-12™</a>	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
<a href="#">HTB-186™</a>	Daoy	primary	yes	medulloblastoma	CDKN2A	homozygous	c.1_471del471	p.0?
					NF1	homozygous	c.61_4835del4775	p.?
					TP53	homozygous	c.725G>T	p.C242F