



METASTATIC MELANOMA CANCER CELL

The Metastatic Melanoma Cancer Cell Panel (**ATCC® No. TCP-1014™**) is comprised of 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: BRAF, TP53, CDKN2A and PTEN. The table below provides more information for the cell lines included in this panel.

ATCC® No.	Name	Tumor Source	Histology	Mutant Gene	Zygoty	Gene Sequence	Protein Sequence
HTB-69™	SK-MEL-3	metastasis	malignant melanoma	BRAF	heterozygous	c.1799T>A	p.V600E
				TP53	homozygous	c.799C>T	p.R267W
CRL-7724™	SH-4	metastasis	malignant melanoma	BRAF	homozygous	c.1799T>A	p.V600E
				CDKN2A	homozygous	c.1_471del471	p.?
HTB-71™	SK-MEL-24	metastasis	malignant melanoma	BRAF	heterozygous	c.1799T>A	p.V600E
				CDKN2A	homozygous	c.1_471del471	p.?
				PTEN	homozygous	c.80_164del85	p.?
HTB-66™	RPMI-7951	metastasis	malignant melanoma	BRAF	heterozygous	c.1799T>A	p.V600E
				CDKN2A	homozygous	c.47T>G	p.L16R
				PTEN	homozygous	c.1_79del79	p.?
				TP53	homozygous	c.497C>A	p.S166*