

## CELL PANEL

## **METASTATIC MELANOMA CANCER CELL**

The Metastatic Melanoma Cancer Cell Panel (ATCC<sup>®</sup> <u>TCP-1014</u><sup>™</sup>) is composed 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 <sup>®</sup> No.	Name	Tumor Source	Histology	Mutant Gene	Zygosity	Gene Sequence	Protein Sequence
<u>HTB-69</u> ™	SK-MEL-3	metastasis	malignant melanoma	BRAF	heterozygous	c.1799T>A	p.V600E
				TP53	homozygous	c.799C>T	p.R267W
<u>CRL-7724</u> ™	SH-4	metastasis	malignant melanoma	BRAF	homozygous	c.1799T>A	p.V600E
				CDKN2A	homozygous	c.1_471del471	p.0?
<u>HTB-71</u> ™	SK-MEL-24	metastasis	malignant melanoma	BRAF	heterozygous	c.1799T>A	p.V600E
				CDKN2A	homozygous	c.1_471del471	p.0?
				PTEN	homozygous	c.80_164del85	р.?
<u>HTB-66</u> ™	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*

The mutation data was obtained from the Sanger Institute Catalogue Of Somatic Mutations In Cancer web site, <u>http://www.sanger.ac.uk/cosmic</u> Bamford *et al* (2004) The COSMIC (Catalogue of Somatic Mutations in Cancer) database and website. Br J Cancer, 91,355-358. ATCC and The Sanger Institute provide these data in good faith, but make no warranty, express or implied, nor assumes any legal liability or responsibility for any purpose for which the data are used.

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