CELL PANEL

# METASTATIC MELANOMA CANCER CELL

The Metastatic Melanoma Cancer Cell Panel (ATCC® TCP-1014™) 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® No. | Name | Tumor Source | Histology | Mutant Gene | Zygosity | 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.0? |
| HTB-71™ | 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 | 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* |

The mutation data was obtained from the Sanger Institute Catalogue Of Somatic Mutations In Cancer web site, http://www.sanger.ac.uk/cosmic 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.