

CELL PANEL

OVARIAN CANCER PANEL

Ovarian Cancer Panel (ATCC® [TCP-1021™](#)) is composed of four ovarian cancer cell lines. They have genomic mutations in one or more of the following genes according to the Sanger COSMIC database: APC, CDKN2A, FAM123B, KRAS, MLH1, NRAS, PIK3CA, STK11, and TP53. 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
CRL-1572™	PA-1	metastasis, ascites	Teratocarcinoma	NRAS	heterozygous	c.35G>A	p.G12D
HTB-75™	Caov-3	primary	Adenocarcinoma	FAM123B	homozygous	c.1_2415del2415	p.0?
				STK11	homozygous	c.1_1302del1302	p.0?
				TP53	homozygous	c.406C>T	p.Q136*
HTB-78™	SW626	primary	Adenocarcinoma	APC	homozygous	c.2926_2927insA	p.R976fs*9
				KRAS	heterozygous	c.35G>T	p.G12V
				TP53	homozygous	c.785G>T	p.G262V
HTB-77™	SK-OV-3	metastasis, ascites	Adenocarcinoma	CDKN2A	homozygous	c.1_457del457	p.?
				MLH1	homozygous	c.1_2271del2271	p.0?
				PIK3CA	heterozygous	c.3140A>G	p.H1047R
				TP53	homozygous	c.267delC	p.S90fs*33

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. The ATCC trademark and trade name, any and all ATCC catalog numbers, and any other trademarks listed are trademarks of the American Type Culture Collection unless indicated otherwise. ATCC products are intended for laboratory research only. They are not intended for use in humans, animals or diagnostics.