



OVARIAN CANCER PANEL

Ovarian Cancer Panel (**ATCC® No. TCP-1021™**) is comprised 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	Histology	Tumor source	Mutant Gene	Zygosity	Gene Sequence	Protein Sequence
CRL-1572™	PA-1	Teratocarcinoma	metastasis, ascites	NRAS	heterozygous	c.35G>A	p.G12D
HTB-75™	Caov-3	Adenocarcinoma	primary	FAM123B	homozygous	c.1_2415del2415	p.0?
				STK11	homozygous	c.1_1302del1302	p.0?
				TP53	homozygous	c.406C>T	p.Q136*
HTB-78™	SW626	Adenocarcinoma	primary	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	Adenocarcinoma	metastasis, ascites	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