CELL PANEL

LYMPHOMA CELL LINE PANEL

The Lymphoma Cell Line Panel (ATCC® TCP-1015™) is composed of 9 lymphoma cell lines representing a variety of tumor sources and histologies, annotated with gene mutation data from the Sanger COSMIC database. This panel is useful for understanding the relationships of gene mutations among different lymphomas. Complement your ATCC Lymphoma Cell Line Panel data set with either the Lymphoma p53 Hotspot Mutation Cell Panel (ATCC® TCP-2050™) or the Non-Hodgkin's Lymphoma Cell Line Panel (ATCC® TCP-1025™).

ATCC® No.	Name	Histology	Tumor Source	Mutant Gene	Zygosity	Gene Sequence	Protein Sequence
CRL-2289™	DB	Diffuse large B cell lymphoma	Ascites	EZH2 TP53	heterozygous heterozygous	c.1936T>A c.743G>A	p.Y646N p.R248Q
CRL-2260'"	HT	B cell lymphoma	Ascites	PTEN TP53 TP53	homozygous heterozygous heterozygous	c.802-2A>T c.646G>A c.818G>A	p.? p.V216M p.R273H
CRL-2277™	BC-3	Primary effusion lymphoma	Pleural effusion	CDKN2A PTEN RB1	homozygous homozygous homozygous	c.1_457del457 c.743_744delCT c.649C>T	p.? p.P248fs*4 p.Q217*
CRL-1648™	CA46	Burkitt's lymphoma	Lymphoid tissue	TP53	homozygous	c.743G>A	p.R248Q
CCL-86™	Raji	Burkitt's lymphoma	Maxilla	TP53 TP53	heterozygous homozygous	c.700T>C c.638G>A	p.Y234H p.R213Q
CCL-213™	Daudi	Burkitt's lymphoma	Peripheral blood	CTNNB1 TP53	homozygous heterozygous	c.14_241del228 c.797G>A	p.A5_A80del p.G266E
CRL-2393™	GA-10-Clone-4	Burkitt's lymphoma	Peripheral blood	NRAS TP53 TP53	heterozygous heterozygous heterozygous	c.35G>T c.455C>T c.695T>A	p.G12V p.P152L p.1232N
CRL-2105™	HH	Cutaneous T cell lymphoma	Peripheral blood	TP53	homozygous	c.376-lG>A	p.?
HTB-176™	H9	Cutaneous T cell lymphoma	Skin	CDKN2A NRAS RB1 SOCS1 TP53	homozygous heterozygous homozygous homozygous homozygous	c.1_471del471 c.181C>A c.138_264del127 c.1_636del636 c.586C>T	p.O? p.Q61K p.? p.O? p.R196*

Mutation data was obtained from the Sanger Institute Catalogue of Somatic Mutations In Cancer website, http://www.sanger.ac.uk/cosmic Bamford *et al.* (2004) The COSMIC (Catalogue of Somatic Mutations in Cancer) database and website. BrJ 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.