



LYMPHOMA CELL LINE PANEL

The Lymphoma Cell Line Panel (ATCC[®] <u>TCP-1015</u>[™]) 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 relation-ships 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[®] <u>TCP-2050</u>[™]) or the Non-Hodgkin's Lymphoma Cell Line Panel (ATCC[®] <u>TCP-1025</u>[™]).

| ATCC [®] No. | Name | Histology | Tumor Source | Mutant Gene | Zygosity | Gene Sequence | Protein Sequence |
|-----------------------|---------------|----------------------------------|------------------|--|--|---|--|
| <u>CRL-2289</u> ™ | DB | Diffuse large B cell lymphoma | Ascites | EZH2 TP53 | heterozygous heterozygous | c.1936T>A c.743G>A | p.Y646N p.R248Q |
| <u>CRL-2260</u> '" | HT | B cell lymphoma | Ascites | PTEN TP53 TP53 | homozygous heterozygous heterozygous | c.802-2A>T c.646G>A c.818G>A | р.? p.V216М p.R273Н |
| <u>CRL-2277</u> ™ | 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* |
| <u>CRL-1648</u> ™ | CA46 | Burkitt's lymphoma | Lymphoid tissue | TP53 | homozygous | c.743G>A | p.R248Q |
| <u>CCL-86</u> ™ | Raji | Burkitt's lymphoma | Maxilla | TP53 TP53 | heterozygous homozygous | c.700T>C c.638G>A | p.Y234H p.R213Q |
| <u>CCL-213</u> ™ | Daudi | Burkitt's lymphoma | Peripheral blood | CTNNB1 TP53 | homozygous heterozygous | c.14_241del228 c.797G>A | p.A5_A80del p.G266E |
| <u>CRL-2393</u> ™ | 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 |
| <u>CRL-2105</u> ™ | НН | Cutaneous T cell Iymphoma | Peripheral blood | TP53 | homozygous | c.376-IG>A | р.? |
| <u>HTB-176</u> ™ | Н9 | Cutaneous T cell Iymphoma | 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.

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