

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

ND12577

RRID:CVCL_BL21

Type: Cell Line

Proper Citation

RRID:CVCL_BL21

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_BL21

Proper Citation: RRID:CVCL_BL21

Description: Cell line ND12577 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Amyotrophic lateral sclerosis

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: ND12577

Cross References: CLO:CLO_0031566, Coriell:ND12577, Wikidata:Q54925109

ID: CVCL_BL21

Record Creation Time: 20220427T221143+0000

Record Last Update: 20260905T181649+0000

Ratings and Alerts

No rating or validation information has been found for ND12577.

No alerts have been found for ND12577.

Data and Source Information

Usage and Citation Metrics

We found 746 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Medina-Quintana J, et al. (2026) Zasp52 in *Drosophila melanogaster* indirect flight muscles can serve as a model system to investigate the function of clinical variants causing myopathies. *G3* (Bethesda, Md.).

Pipercevic J, et al. (2023) Inositol pyrophosphates activate the vacuolar transport chaperone complex in yeast by disrupting a homotypic SPX domain interaction. *Nature communications*, 14(1), 2645.

Wu Z, et al. (2023) FAM69C functions as a kinase for eIF2 γ and promotes stress granule assembly. *EMBO reports*, 24(5), e55641.

Chen X, et al. (2023) Molecular Cloning and Characterization of a Serotonin N-Acetyltransferase Gene, xoSNAT3, from *Xanthomonas oryzae* pv. *oryzae*. *International journal of environmental research and public health*, 20(3).

Ji J, et al. (2023) VHL-HIF-2 α axis-induced SEMA6A upregulation stabilized β -catenin to drive clear cell renal cell carcinoma progression. *Cell death & disease*, 14(2), 83.

Infield DT, et al. (2023) Real-time observation of functional specialization among phosphorylation sites in CFTR. *The Journal of general physiology*, 155(4).

Teran OY, et al. (2023) Dock7 regulates AKT and mTOR/S6K activity required for the transformed phenotypes and survival of cancer cells. *bioRxiv : the preprint server for biology*.

Verdier M, et al. (2023) The cauliflower mosaic virus transmission helper protein P2 modifies directly the probing behavior of the aphid vector *Myzus persicae* to facilitate transmission. *PLoS pathogens*, 19(2), e1011161.

Ribeiro JM, et al. (2023) Genomic Distribution of Pro-Virulent cpdB-like Genes in Eubacteria and Comparison of the Enzyme Specificity of CpdB-like Proteins from *Salmonella enterica*, *Escherichia coli* and *Streptococcus suis*. *International journal of molecular sciences*, 24(4).

Fantin RF, et al. (2023) Immunological characterization of a VIR protein family member (VIR-14) in *Plasmodium vivax*-infected subjects from different epidemiological regions in Africa and South America. *PLoS neglected tropical diseases*, 17(4), e0011229.

Zhong S, et al. (2023) Quercetagitritin Inhibits Tau Accumulation and Reverses Neuroinflammation and Cognitive Deficits in P301S-Tau Transgenic Mice. *Molecules* (Basel, Switzerland), 28(9).

Binda O, et al. (2023) SMA-linked SMN mutants prevent phase separation properties and SMN interactions with FMRP family members. *Life science alliance*, 6(1).

Lee J, et al. (2023) Crystal Structure of the Metallo-Endoribonuclease YbeY from *Staphylococcus aureus*. *Journal of microbiology and biotechnology*, 33(1), 28.

Jiang H, et al. (2023) Human Endonuclease ANKLE1 Localizes at the Midbody and Processes Chromatin Bridges to Prevent DNA Damage and cGAS-STING Activation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 10(12), e2204388.

Huan YW, et al. (2023) An adenine/thymidine-rich region is integral to RepL-mediated DNA replication. *Frontiers in microbiology*, 14, 1095671.

Kubota M, et al. (2023) Serum anti-TSTD2 antibody as a biomarker for atherosclerosis? induced ischemic stroke and chronic kidney disease. *Medicine international*, 3(1), 4.

Fu Y, et al. (2023) AKT1 regulates UHRF1 protein stability and promotes the resistance to abiraterone in prostate cancer. *Oncogenesis*, 12(1), 1.

Xu HL, et al. (2023) Rare sugar L-sorbose exerts antitumor activity by impairing glucose metabolism. *Communications biology*, 6(1), 259.

Liang J, et al. (2023) Structural basis of lysophosphatidylserine receptor GPR174 ligand recognition and activation. *Nature communications*, 14(1), 1012.

Binda O, et al. (2023) The TUDOR domain of SMN is an H3K79me1 histone mark reader. *Life science alliance*, 6(6).