

# Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

## ND12577

RRID:CVCL\_BL21

Type: Cell Line

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### Proper Citation

RRID:CVCL\_BL21

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_BL21](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:** 20260913T005350+0000

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### Ratings and Alerts

No rating or validation information has been found for ND12577.

No alerts have been found for ND12577.

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### 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 [dkNET](#) .

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 $\gamma$  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 $\alpha$  axis-induced SEMA6A upregulation stabilized  $\beta$ -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).