

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

NT2-D1

RRID:CVCL_3407

Type: Cell Line

Proper Citation

RRID:CVCL_3407

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3407

Proper Citation: RRID:CVCL_3407

Description: Cell line NT2-D1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Embryonal carcinoma

Defining Citation: [PMID:3293662](#), [PMID:6144603](#), [PMID:6694356](#), [PMID:8242627](#), [PMID:8411264](#), [PMID:23325432](#), [PMID:24812411](#), [PMID:25802994](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: ENCODE project common cell types; tier 3., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: NT2-D1

Synonyms: NT2/D1, NT2D1, Nt2D1, NTERA-2 clone D1, NTERA2-cloneD1, NTERA-2 cl.D1, NTera2 cl.D1, NTERA-2cl.D1, NTera 2/cl.D1, NTERA2CLD1, NTERA-2/D1, NTera2/D1, NTERA2-D1, NTera-2D1, Ntera2/D1, NTERA2/D1, NTERA2D1, NTera2D1, Tera

Cross References: BTO:BTO_0000946, CLO:CLO_0008207, CLO:CLO_0037150, EFO:EFO_0005236, CLDB:cl3740, CLDB:cl5088, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, ATCC:CRL-1973, BCRC:60356, BCRJ:0303, cancercellines:CVCL_3407, Cell_Model_Passport:SIDM01203, ChEMBL-

Cells:CHEMBL3307482, ChEMBL-Targets:CHEMBL614206, Cosmic:687052, Cosmic:908454, Cosmic:1995598, Cosmic:2077191, Cosmic:2163756, Cosmic-CLP:908454, DepMap:ACH-002291, ECACC:01071221, EGA:EGAS00001000978, ENCODE:ENCBS374ENC, ENCODE:ENCBS578HFO, ENCODE:ENCBS631LTU, ENCODE:ENCBS810EWQ, FCS-free:172-2-320-1-3-3, GDSC:908454, GEO:GSM824855, GEO:GSM824856, GEO:GSM1040297, GEO:GSM1040367, GEO:GSM1670285, IARC_TP53:21589, IARC_TP53:21590, ICLC:HTL97025, IZSLER:BS TCL 204, LINCX_LDP:LCL-1901, Lonza:1094, PharmacDB:NTERASclD1_1169_2019, PRIDE:PXD030304, PubChem_Cell_line:CVCL_3407, Wikidata:Q54931100

ID: CVCL_3407

Hierarchy: cvcl_0034

Record Creation Time: 20220427T221349+0000

Record Last Update: 20260905T181935+0000

Ratings and Alerts

No rating or validation information has been found for NT2-D1.

No alerts have been found for NT2-D1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Agius SC, et al. (2026) Accessory subunits of PRC2 mimic H3K27me3 to restrict the spread of Polycomb domains. *Molecular cell*, 86(6), 1032.

Ho CC, et al. (2026) Evaluating Thiram-Induced Embryotoxicity Using Integrated In Silico, In Vitro, and Transcriptomic Approaches. *Environmental toxicology*.

Dhungel BP, et al. (2025) An alternate receptor for adeno-associated viruses. *Cell*, 188(18), 4924.

Boisen IM, et al. (2025) Changes in local mineral homeostasis facilitate the formation of benign and malignant testicular microcalcifications. *eLife*, 13.

Cardoso IIV, et al. (2024) Cisplatin-resistant germ cell tumor models: An exploration of the epithelial-mesenchymal transition regulator SLUG. *Molecular medicine reports*, 30(6).

Cardenas RP, et al. (2024) NANOG controls testicular germ cell tumour stemness through regulation of MIR9-2. *Stem cell research & therapy*, 15(1), 128.

Xu J, et al. (2024) PNMA2 forms immunogenic non-enveloped virus-like capsids associated with paraneoplastic neurological syndrome. *Cell*, 187(4), 831.

Lengert AVH, et al. (2022) Potential New Therapeutic Approaches for Cisplatin-Resistant Testicular Germ Cell Tumors. *Frontiers in bioscience (Landmark edition)*, 27(8), 245.

Schmitz A, et al. (2021) Developmental Neurotoxicity of Fipronil and Rotenone on a Human Neuronal In Vitro Test System. *Neurotoxicity research*, 39(4), 1189.

Li Q, et al. (2020) Comprehensive structural glycomic characterization of the glycocalyxes of cells and tissues. *Nature protocols*, 15(8), 2668.

Wong M, et al. (2020) Metabolic flux analysis of the neural cell glycocalyx reveals differential utilization of monosaccharides. *Glycobiology*, 30(11), 859.

Suenkel C, et al. (2020) A Highly Conserved Circular RNA Is Required to Keep Neural Cells in a Progenitor State in the Mammalian Brain. *Cell reports*, 30(7), 2170.

Zhu J, et al. (2019) Transsulfuration Activity Can Support Cell Growth upon Extracellular Cysteine Limitation. *Cell metabolism*, 30(5), 865.

Streubel G, et al. (2018) The H3K36me2 Methyltransferase Nsd1 Demarcates PRC2-Mediated H3K27me2 and H3K27me3 Domains in Embryonic Stem Cells. *Molecular cell*, 70(2), 371.

Treiber T, et al. (2017) A Compendium of RNA-Binding Proteins that Regulate MicroRNA Biogenesis. *Molecular cell*, 66(2), 270.