

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

LNZTA3WT4

RRID:CVCL_3540

Type: Cell Line

Proper Citation

ATCC Cat# CRL-11543, RRID:CVCL_3540

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3540

Proper Citation: ATCC Cat# CRL-11543, RRID:CVCL_3540

Description: Cell line LNZTA3WT4 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Astrocytoma

Defining Citation: [PMID:27397505](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:35839778](#)

Comments: Characteristics: Transfected with the tetracycline transactivator (tTA) protein, a fusion of tetR with the activation domain of HSV-1 VP16., Characteristics: The expression of the luciferase reporter gene as well as the TP53 gene are under the control of a tetO operator., Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Patented cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: LNZTA3WT4

Synonyms: LNZTA3p53WT4, WT4

Cross References: CLO:CLO_0007371, ArrayExpress:E-MTAB-3610, ATCC:CRL-11543, BioGRID_ORCS_Cell_line:931, BioSample:SAMN03471340, cancercellines:CVCL_3540, Cell_Model_Passport:SIDM01220, Cosmic:1995487, Cosmic-CLP:1240170, DepMap:ACH-002269, EGA:EGAS00001000978, GDSC:1240170, GEO:GSM1670052, LINC_S_HMS:50028, LINC_S_LDP:LCL-1345, PharmacDB:LNZTA3WT4_853_2019, PRIDE:PXD030304, Wikidata:Q54902866

ID: CVCL_3540

Vendor: ATCC

Catalog Number: CRL-11543

Hierarchy: cvcl_0394

Record Creation Time: 20250130T072050+0000

Record Last Update: 20260830T001639+0000

Ratings and Alerts

No rating or validation information has been found for LNZTA3WT4.

Warning: Discontinued: ATCC; CRL-11543

Characteristics: Transfected with the tetracycline transactivator (tTA) protein, a fusion of tetR with the activation domain of HSV-1 VP16., Characteristics: The expression of the luciferase reporter gene as well as the TP53 gene are under the control of a tetO operator., Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Patented cell line.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Orellana EA, et al. (2021) METTL1-mediated m7G modification of Arg-TCT tRNA drives oncogenic transformation. Molecular cell, 81(16), 3323.