Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

T24

RRID:CVCL_0554
Type: Cell Line

Proper Citation

(RRID:CVCL_0554)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0554

Proper Citation: (RRID:CVCL_0554)

Sex: Female

Defining Citation: PMID:77569, PMID:571047, PMID:651066, PMID:663932, PMID:833871, PMID:864752, PMID:870558, PMID:2607719, PMID:3518877, PMID:3708594, PMID:4133950, PMID:6220172, PMID:6244232, PMID:6823318, PMID:6826254, PMID:7017212, PMID:7185004, PMID:7787250, PMID:8873383, PMID:9247707, PMID:9290701, PMID:9850064, PMID:11416159, PMID:11921286, PMID:12068308, PMID:15846775, PMID:16885334, PMID:19105184, PMID:19375735, PMID:22460905, PMID:23401075, PMID:24018021, PMID:24035680, PMID:24367658, PMID:24376083, PMID:24459064, PMID:25997541, PMID:26055179, PMID:26589293, PMID:26972028, PMID:27141528, PMID:27270441, PMID:27397505, PMID:28196595, PMID:29732388, PMID:30193179, PMID:30894373, PMID:31068700, PMID:31978347, PMID:35839778

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Proteome analysis by 2D-DE/MS., Omics: Protein expression by reverse-phase protein arrays., Omics: GPI-anchored proteins analysis by proteomics., Omics: Exosome proteome analysis., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: CNV analysis., Omics: Array-based CGH., Population: Caucasian; Swedish., Part of: UBC-40 urothelial bladder cancer cell line index., Part of: MD Anderson Cell Lines Project., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: BLA-40 bladder carcinoma cell line panel.

Category: Cancer cell line

Name: T24

Synonyms: T-24, T 24

Cross References: BTO:BTO_0001345, CLO:CLO_0009235, CLO:CLO_0009245, CLO:CLO_0050843, CLO:CLO_0050844, EFO:EFO_0002864, MCCL:MCC:0000455, CLDB:cl4452, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-4, BCRC:60062, BCRJ:0231, BioGRID_ORCS_Cell_line:360, BioSample:SAMN03472744, BioSample:SAMN03473324, BioSample:SAMN10987918, cancercelllines:CVCL_0554, CCLV:CCLV-RIE 0062, CCRID:1101HUM-PUMC000295, CCRID:3101HUMSCSP536, CCRID:3101HUMTCHu55, CCRID:4201HUM-CCTCC00078, CCRID:5301HUM-KCB92027YJ, CCTCC:GDC0078, Cell_Model_Passport:SIDM01184, ChEMBL-Cells:CHEMBL3307700, ChEMBL-Targets:CHEMBL614774, CLS:300352, Cosmic:716174, Cosmic:724812, Cosmic:755400, Cosmic:845561, Cosmic:846275, Cosmic:925832, Cosmic:928817, Cosmic:943742, Cosmic:1001664, Cosmic:1016880, Cosmic:1046673, Cosmic:1285130, Cosmic:1285985, Cosmic:1302355, Cosmic:1927302, Cosmic:1938698, Cosmic:2037960, Cosmic:2050465, Cosmic:2057459, Cosmic:2444230, Cosmic:2686118, Cosmic:2700999, Cosmic-CLP:724812, DepMap:ACH-000018, DSMZ:ACC-376, DSMZCellDive:ACC-376, EGA:EGAS00001000978, GDSC:724812, GEO:GSM136233, GEO:GSM492493, GEO:GSM887683, GEO:GSM888775, GEO:GSM1374940, GEO:GSM1574571, GEO:GSM1670520, IARC_TP53:3722, IARC_TP53:21131, IARC_TP53:30178, JCRB:JCRB0711, KCB:KCB 92027YJ, KCLB:30004, LiGeA:CCLE_255, LINCS_HMS:50048, LINCS_LDP:LCL-1709, Lonza:862, PharmacoDB:T24_1554_2019, PRIDE:PXD003105, PRIDE:PXD030304, Progenetix:CVCL_0554, PubChem_Cell_line:CVCL_0554, RCB:RCB0431, RCB:RCB2536, TKG:TKG 0443, TOKU-E:3252, Ubigene:YC-C044, Wikidata:Q54971454

ID: CVCL_0554

Record Creation Time: 20250131T202742+0000

Record Last Update: 20250131T204722+0000

Ratings and Alerts

No rating or validation information has been found for T24.

No alerts have been found for T24.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 58 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Reinhold A, et al. (2025) Ionizing radiation and photodynamic therapy lead to multimodal tumor cell death, synergistic cytotoxicity and immune cell invasion in human bladder cancer organoids. Photodiagnosis and photodynamic therapy, 51, 104459.

Li W, et al. (2024) UBE2C-induced crosstalk between mono- and polyubiquitination of SNAT2 promotes lymphatic metastasis in bladder cancer. The Journal of clinical investigation, 134(13).

Kawahara I, et al. (2024) Targeting metabolic reprogramming to overcome drug resistance in advanced bladder cancer: insights from gemcitabine- and cisplatin-resistant models. Molecular oncology, 18(9), 2196.

Schwartz L, et al. (2024) Insulin receptor signaling engages bladder urothelial defenses that limit urinary tract infection. Cell reports, 43(4), 114007.

Tian S, et al. (2024) Design, performance, processing, and validation of a pooled CRISPR perturbation screen for bacterial toxins. Nature protocols.

Yan Y, et al. (2024) IMP2 drives chemoresistance by repressing cisplatin-induced apoptosis and ferroptosis via activation of IPO4 and SLC7A11 under hypoxia in bladder cancer. Cancer cell international, 24(1), 386.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell chemical biology, 31(7), 1247.

Zhao Y, et al. (2024) SUMOylation-Driven mRNA Circularization Enhances Translation and Promotes Lymphatic Metastasis of Bladder Cancer. Cancer research, 84(3), 434.

Zhang H, et al. (2024) Role of Forkhead Box P3 in IFN?-Mediated PD-L1 Expression and Bladder Cancer Epithelial-to-Mesenchymal Transition. Cancer research communications, 4(8), 2228.

Chen H, et al. (2024) circKDM1A suppresses bladder cancer progression by sponging miR-889-3p/CPEB3 and stabilizing p53 mRNA. iScience, 27(4), 109624.

Hernández-Prat A, et al. (2024) Enhancing immunotherapy through PD-L1 upregulation: the promising combination of anti-PD-L1 plus mTOR inhibitors. Molecular oncology.

Dressler FF, et al. (2024) Proteomic analysis of the urothelial cancer landscape. Nature communications, 15(1), 4513.

Li Y, et al. (2023) An HGF-dependent positive feedback loop between bladder cancer cells and fibroblasts mediates lymphangiogenesis and lymphatic metastasis. Cancer

communications (London, England), 43(12), 1289.

Yao Z, et al. (2023) Proteogenomics of different urothelial bladder cancer stages reveals distinct molecular features for papillary cancer and carcinoma in situ. Nature communications, 14(1), 5670.

Jin H, et al. (2023) Lipid raft protein flotillin-1 is important for the interaction between SOS1 and H-Ras/K-Ras, leading to Ras activation. International journal of cancer, 152(9), 1933.

Kim B, et al. (2023) Quantitative proteomics identifies TUBB6 as a biomarker of muscle-invasion and poor prognosis in bladder cancer. International journal of cancer, 152(2), 320.

Klümper N, et al. (2023) PD-L1 (CD274) promoter hypomethylation predicts immunotherapy response in metastatic urothelial carcinoma. Oncoimmunology, 12(1), 2267744.

Uehara T, et al. (2023) Translocation of nuclear chromatin distribution to the periphery reflects dephosphorylated threonine-821/826 of the retinoblastoma protein (pRb) in T24 cells treated with Bacillus Calmette-Guérin. Cytotechnology, 75(1), 49.

Xie R, et al. (2023) NAT10 Drives Cisplatin Chemoresistance by Enhancing ac4C-Associated DNA Repair in Bladder Cancer. Cancer research, 83(10), 1666.

Zhang X, et al. (2023) Cancer-keeper genes as therapeutic targets. iScience, 26(8), 107296.