

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

5637

RRID:CVCL_0126

Type: Cell Line

Proper Citation

RRID:CVCL_0126

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0126

Proper Citation: RRID:CVCL_0126

Description: Cell line 5637 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Bladder carcinoma

Defining Citation: [PMID:327080](#), [PMID:571047](#), [PMID:833871](#), [PMID:3518877](#), [PMID:6244232](#), [PMID:6582512](#), [PMID:7459858](#), [PMID:7787250](#), [PMID:8873383](#), [PMID:9850064](#), [PMID:11416159](#), [PMID:11921286](#), [PMID:12127398](#), [PMID:15846775](#), [PMID:16885334](#), [PMID:17254797](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:23401075](#), [PMID:24035680](#), [PMID:24367658](#), [PMID:24459064](#), [PMID:25997541](#), [PMID:26055179](#), [PMID:26972028](#), [PMID:27141528](#), [PMID:27270441](#), [PMID:27397505](#), [PMID:29732388](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Part of: UBC-40 urothelial bladder cancer cell line index., Part of: ERK genetic alteration cell panel (ATCC TCP-1033)., 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

Organism: Homo sapiens (Human)

Name: 5637

Cross References: BTO:BTO_0003137, CLO:CLO_0001421, CLO:CLO_0050845, EFO:EFO_0002096, MCCL:MCC:0000018, CLDB:cl1, CLDB:cl105, CLDB:cl7118, AddexBio:C0002001/8, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783,

ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-9, BCRC:60061, BCRJ:0026, BioGRID_ORCS_Cell_line:316, BioSample:SAMN01821610, BioSample:SAMN03472760, BioSample:SAMN03473359, BioSample:SAMN10987658, cancercellines:CVCL_0126, CCRID:1101HUM-PUMC000242, CCRID:3101HUMTCHu01, CCRID:3101HUMTCHu1, Cell_Model_Passport:SIDM00807, ChEMBL-Cells:ChEMBL3308352, ChEMBL-Targets:ChEMBL612565, CLS:300105, Cosmic:687452, Cosmic:715695, Cosmic:760484, Cosmic:845565, Cosmic:846281, Cosmic:928819, Cosmic:943732, Cosmic:1016892, Cosmic:1046675, Cosmic:1093983, Cosmic:1285103, Cosmic:1285998, Cosmic:1927307, Cosmic:2050427, Cosmic:2057434, Cosmic:2301520, Cosmic:2444227, Cosmic:2685930, Cosmic:2700995, Cosmic-CLP:687452, DepMap:ACH-000905, DSMZ:ACC-35, DSMZCellDive:ACC-35, EGA:EGAS00001000978, FANTOM5_SSTAR:10418-106C4, GDSC:687452, GEO:GSM136228, GEO:GSM142303, GEO:GSM142309, GEO:GSM886840, GEO:GSM887903, GEO:GSM1374370, GEO:GSM1574578, GEO:GSM1669563, IARC_TP53:3717, ICLC:HTL01017, IGRhCellID:5637, KCLB:30009, LiGeA:CCLE_867, LINCS_HMS:50001, LINCS_LDP:LCL-1702, NCBI_Iran:C450, PharmacDB:5637_20_2019, PRIDE:PXD003105, PRIDE:PXD030304, Progenetix:CVCL_0126, PubChem_Cell_line:CVCL_0126, RCB:RCB1191, RCB:RCB3676, SKY/M-FISH/CGH:17, TKG:TKG 0605, Ubigen:YC-C102, Wikidata:Q54603866

ID: CVCL_0126

Record Creation Time: 20220427T215056+0000

Record Last Update: 20260913T011833+0000

Ratings and Alerts

No rating or validation information has been found for 5637.

No alerts have been found for 5637.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 74 mentions in open access literature.

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

Wang Q, et al. (2026) RstAB activates type 1 fimbriae to promote uropathogenic Escherichia coli bladder invasion. iScience, 29(7), 116333.

Zhou Y, et al. (2026) Distinct Regulation of the ARF and TAp73 Tumor Suppressor Genes by the Transcription Factor E2F1 Enables Discrimination of Cancer Cells from Normal Growing Cells. Cells, 15(1).

Jin Z, et al. (2026) HOXB4 Promotes Bladder Cancer Progression in Part Through Transcriptional Activation of Smoothened. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(1), e71388.

Pece A, et al. (2026) Glycosylated LGALS3BP is highly secreted by bladder cancer cells and represents a novel urinary disease biomarker. *Molecular oncology*, 20(3), 823.

Penaranda C, et al. (2026) Genomic comparison and phenotypic characterization of *Pseudomonas aeruginosa* isolates across environmental and diverse clinical isolation sites. *mSystems*, 11(3), e0136225.

Fu H, et al. (2026) A smart gene circuit for precise regulation of tumor cell behavior. *Synthetic and systems biotechnology*, 11, 237.

Yemelyanenko J, et al. (2026) C-Terminal Truncation and Fusion Partner Determine Oncogenicity of FGFR3. *Cancer research*, 86(6), 1372.

Stuckey JI, et al. (2026) Covalent PPAR γ inverse agonism by FX-909 reveals mechanistic insights into therapeutic targeting of PPAR γ /RXR γ -activated urothelial carcinoma. *Cell chemical biology*, 33(6), 837.

Kim MJ, et al. (2026) Excessive epithelial mechanosensation drives nociceptive innervation and chronic bladder pain via the PIEZO1-SLC7A11-glutamate axis. *Cell*.

Ren W, et al. (2026) The YTHDC1/HECW1/SMAD7 axis drives cisplatin resistance in bladder cancer. *Translational andrology and urology*, 15(6), 201.

Zhao B, et al. (2026) XPC Deficiency Activate Cisplatin-Mediated Autophagy in Bladder Cancer by Limiting Novel PHRF1-Mediated Ubiquitination of the p53 Protein. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(5), e17563.

Cheng LH, et al. (2026) Chemotherapy resistance of urinary bladder cancer mediated by a Notch and Wnt co-regulatory module of stemness. *Stem cells (Dayton, Ohio)*, 44(4).

Xu Z, et al. (2026) Somatic structural variants drive upper tract urothelial carcinoma muscle invasiveness via activation of TPX2 transcription. *EBioMedicine*, 125, 106182.

Reasoner SA, et al. (2026) Unmasking pathogen traits for chronic colonization in neurogenic bladder. *Cell reports*, 45(5), 117302.

Wu J, et al. (2026) O-GlcNAcylated TAP1 Impairs Antigen Presentation and Promotes Immune Evasion in Bladder Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(37), e19955.

Takemoto K, et al. (2025) DGK γ Enhances Tumorigenic Activity in Bladder Cancer Patients With Chronic Kidney Disease. *Cancer medicine*, 14(5), e70710.

Poulsen BE, et al. (2025) Discovery of a *Pseudomonas aeruginosa*-specific small molecule targeting outer membrane protein OprH-LPS interaction by a multiplexed screen. *Cell chemical biology*, 32(2), 307.

Chen C, et al. (2025) TERC Stimulates Fatty Acid Metabolism to Promote Bladder Cancer Progression. *Cancer research*, 85(19), 3689.

Tong Y, et al. (2025) METTL3 promotes an immunosuppressive microenvironment in bladder cancer via m6A-dependent CXCL5/CCL5 regulation. *Journal for immunotherapy of cancer*, 13(4).

Li Y, et al. (2025) Comprehensive pan-cancer single-cell analysis reveals glycolysis-related signatures as predictive biomarkers for immunotherapy response and their role in bladder cancer. *International immunopharmacology*, 152, 114381.