

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

T98G

RRID:CVCL_0556

Type: Cell Line

Proper Citation

RRID:CVCL_0556

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0556

Proper Citation: RRID:CVCL_0556

Description: Cell line T98G is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Glioblastoma

Defining Citation: [PMID:222778](#), [PMID:3413074](#), [PMID:9090379](#), [PMID:9842975](#), [PMID:10416987](#), [PMID:10560660](#), [PMID:11414198](#), [PMID:14614447](#), [PMID:14655754](#), [PMID:14961077](#), [PMID:16232199](#), [PMID:17595512](#), [PMID:18445040](#), [PMID:19435942](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20587068](#), [PMID:22460905](#), [PMID:22570425](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25894527](#), [PMID:25984343](#), [PMID:26496030](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:27412690](#), [PMID:28464039](#), [PMID:30188626](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:33385022](#), [PMID:35839778](#)

Comments: Karyotypic information: Hyperpentaploid karyotype. Has almost twice as many chromosomes as its parental cell line (T98) (PubMed=222778)., 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: T98G

Synonyms: T 98 G, T-98G, T98 G, T98-G

Cross References: BTO:BTO_0001583, CLO:CLO_0009236, CLO:CLO_0009258, CLO:CLO_0050636, EFO:EFO_0002085, MCCL:MCC:0000457, CLDB:cl4478, CLDB:cl4480, CLDB:cl4481, CLDB:cl4482, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1690, BCRJ:0406, BioGRID_ORCS_Cell_line:357, BioSample:SAMN01821603, BioSample:SAMN01821719, BioSample:SAMN01821740, BioSample:SAMN03473051, BioSample:SAMN05292443, BioSample:SAMN07710005, BioSample:SAMN07710006, BioSample:SAMN07710007, BioSample:SAMN07710008, BioSample:SAMN07710009, BioSample:SAMN07710010, BioSample:SAMN07710011, BioSample:SAMN10988244, cancercellines:CVCL_0556, Cell_Model_Passport:SIDM01171, CGH-DB:154-1, ChEMBL-Cells:ChEMBL3307777, ChEMBL-Targets:ChEMBL614775, CLS:305030, Cosmic:687586, Cosmic:759898, Cosmic:849847, Cosmic:850740, Cosmic:897444, Cosmic:1175821, Cosmic:1217675, Cosmic:1294953, Cosmic:1610748, Cosmic:1746960, Cosmic:2302325, Cosmic:2367552, Cosmic:2491103, Cosmic:2516040, Cosmic:2701088, Cosmic:2731176, Cosmic:2732519, Cosmic-CLP:687586, DepMap:ACH-000571, ECACC:92090213, EGA:EGAS00001000610, EGA:EGAS00001000978, FANTOM5_SSTAR:10485-107A8, GDSC:687586, GEO:GSM326205, GEO:GSM887687, GEO:GSM888779, GEO:GSM1374954, GEO:GSM1638664, GEO:GSM1638665, GEO:GSM1638666, GEO:GSM1670523, GEO:GSM2113432, GEO:GSM2113433, GEO:GSM2113434, GEO:GSM2113435, IARC_TP53:2574, IZSLER:BS TCL 63, JCRB:IFO50303, JCRB:JCRB9041, KCLB:21690, LiGeA:CCLE_712, LINCS_LDP:LCL-1357, PharmacDB:T98G_1562_2019, PRIDE:PXD000589, PRIDE:PXD002192, PRIDE:PXD003790, PRIDE:PXD030304, Progenetix:CVCL_0556, PubChem_Cell_line:CVCL_0556, RCB:RCB1954, TKG:TKG 0471, Wikidata:Q52609889

ID: CVCL_0556

Hierarchy: cvcl_b368

Record Creation Time: 20220427T221619+0000

Record Last Update: 20260830T000052+0000

Ratings and Alerts

No rating or validation information has been found for T98G.

No alerts have been found for T98G.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1134 mentions in open access literature.

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

O'Loughlin TA, et al. (2026) mTORC1 activity suppresses ferroptosis through a SCARB1-dependent HDL-tocopherol uptake pathway. *Molecular cell*, 86(8), 1546.

Zhang Y, et al. (2026) SERPINA3 mediates liver cancer cells escape from chemotherapy-induced neutrophil extracellular trap killing. *Cell reports*, 45(2), 116956.

Boussaha S, et al. (2026) First GC/MS Profiling and Cytotoxic Evaluation of *Physalis acutifolia* (Solanaceae) Essential Oils: Insights From Molecular Docking and ADME Predictions. *Chemistry & biodiversity*, 23(5), e71312.

Lepe JJ, et al. (2026) MAGMAS Inhibition Enhances Temozolomide Efficacy in Chemotherapy-Resistant Glioblastoma Models. *Cancer research communications*, 6(6), 1351.

Fang C, et al. (2026) CUDC-907 inhibits glioblastoma and enhances glioblastoma sensitivity to temozolomide by inhibiting DNA damage repair. *Genes & diseases*, 13(5), 101948.

Koh J, et al. (2026) ZNF395 Is a Hypoxia-Responsive Regulator of Mitochondrial Glutaminolysis in Clear Cell Renal Cell Carcinoma. *Cancer research*, 86(7), 1676.

de Gooijer MC, et al. (2026) Disconnect between in vitro and in vivo efficacy of the MPS1 inhibitor NTRC 0066-0 against glioblastoma. *Cellular oncology (Dordrecht, Netherlands)*, 49(2), 46.

Pineau D, et al. (2026) EDNRB-dependent endothelin signaling reduces proliferation and promotes proneural-to-mesenchymal transition in gliomas. *Molecular oncology*.

Lu B, et al. (2026) Targeting the tumor microenvironment: reprogramming macrophages as a novel therapeutic strategy in FUOM-deficient glioblastoma. *Cell death & disease*, 17(1).

Dai W, et al. (2026) An IGF2BP3-dependent metabolic circuit governs macrophage recruitment and immunosuppression in glioblastoma. *Cell reports*, 45(7), 117643.

Li S, et al. (2026) Microhomology-mediated end joining acts directly on replication forks to repair single-ended double-strand breaks. *Molecular cell*, 86(7), 1230.

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).

Zhong Y, et al. (2026) SREBP-1 upregulates SOAT1 to promote tumor growth by preventing lipotoxicity. *Cell reports*, 45(2), 116896.

Fang Y, et al. (2026) NFYC upregulates KLF1 expression and activate LDHA to drive glycolysis and tumor growth in glioblastoma cells. *Frontiers in cell and developmental biology*, 14, 1810731.

Zhang Z, et al. (2026) B7 homolog 3-targeted CAR-T cells secreting EGFR T-cell engagers for improved control of glioblastoma progression. *Molecular biomedicine*, 7(1).

Santander GN, et al. (2026) Framework for evaluating in vitro vasculogenic mimicry using structural and metabolic parameters. *Cell reports methods*, 101515.

Sainz AG, et al. (2026) The MIRO1-BAX Complex Dictates Life and Death at the Mitochondrial Gate. *bioRxiv : the preprint server for biology*.

Sun J, et al. (2026) Cinobufotalin reduces glioblastoma resistance to temozolomide by inhibiting the CCL5-mediated PI3K/Akt/mTOR signaling pathway. *Translational cancer research*, 15(3), 159.

Kassegn TA, et al. (2026) NAD⁺ Homeostasis Attenuates Japanese Encephalitis Virus Infection Progression. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(4), e71526.

Rurka P, et al. (2026) A novel quinazolinone insulin receptor inhibitor and its synergy with an EGFR inhibitor in glucose-driven glioblastoma. *Molecular oncology*.