

Resource Summary Report

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TC-71

RRID:CVCL_2213

Type: Cell Line

Proper Citation

(RRID:CVCL_2213)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2213

Proper Citation: (RRID:CVCL_2213)

Sex: Male

Defining Citation: [PMID:3004699](#), [PMID:3390826](#), [PMID:8040301](#), [PMID:8617485](#), [PMID:9823299](#), [PMID:11891184](#), [PMID:15150091](#), [PMID:18160777](#), [PMID:19787792](#), [PMID:20197622](#), [PMID:20922763](#), [PMID:21822310](#), [PMID:22142829](#), [PMID:22460905](#), [PMID:24312454](#), [PMID:25010205](#), [PMID:25223734](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26351324](#), [PMID:26428435](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29464090](#), [PMID:30879952](#), [PMID:30894373](#), [PMID:30962207](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Omics: Transcriptome analysis by single cell RNAseq., Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: shRNA library screening., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Omics: Array-based CGH., Population: Caucasian., Part of: NCI Pediatric Preclinical Testing Program (PPTP) cell line panel., 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).

Category: Cancer cell line

Name: TC-71

Synonyms: TC71, GM11654

Cross References: BTO:BTO_0002604, CLO:CLO_0009879, CLO:CLO_0021329, EFO:EFO_0002865, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:200, BioSample:SAMN03473241, BioSample:SAMN10987608, cancercellines:CVCL_2213, Cell_Model_Passport:SIDM00419, Coriell:GM11654, Cosmic:1078383, Cosmic:1082507, Cosmic:1112132, Cosmic:1718433, Cosmic:2228246, Cosmic:2250474, Cosmic:2294589, Cosmic-CLP:1240221, DepMap:ACH-000424, DSMZ:ACC-516, DSMZCellDive:ACC-516, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:1240221, GEO:GSM510013, GEO:GSM887689, GEO:GSM888781, GEO:GSM1670525, GEO:GSM1676323, GEO:GSM1701656, GEO:GSM4368464, IARC_TP53:15970, IARC_TP53:27040, LiGeA:CCLE_900, LINCS_LDP:LCL-1438, Pharmacodb:TC71_1567_2019, PRIDE:PXD012680, PRIDE:PXD030304, Progenetix:CVCL_2213, Wikidata:Q54971816

ID: CVCL_2213

Record Creation Time: 20250131T202750+0000

Record Last Update: 20250131T204732+0000

Ratings and Alerts

No rating or validation information has been found for TC-71.

No alerts have been found for TC-71.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 136 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Suvarna K, et al. (2024) Ceramide-induced cleavage of GPR64 intracellular domain drives Ewing sarcoma. Cell reports, 43(8), 114497.

Merk DJ, et al. (2024) Functional screening reveals genetic dependencies and diverging cell cycle control in atypical teratoid rhabdoid tumors. Genome biology, 25(1), 301.

Manara MC, et al. (2024) Engagement of CD99 Activates Distinct Programs in Ewing Sarcoma and Macrophages. Cancer immunology research, 12(2), 247.

Graca Marques J, et al. (2024) The Chromatin Remodeler CHD4 Sustains Ewing Sarcoma Cell Survival by Controlling Global Chromatin Architecture. *Cancer research*, 84(2), 241.

Randolph ME, et al. (2024) RNA helicase DDX3 regulates RAD51 localization and DNA damage repair in Ewing sarcoma. *iScience*, 27(2), 108925.

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.

Green D, et al. (2023) YBX1-interacting small RNAs and RUNX2 can be blocked in primary bone cancer using CADD522. *Journal of bone oncology*, 39, 100474.

Randolph ME, et al. (2023) RNA Helicase DDX3 Regulates RAD51 Localization and DNA Damage Repair in Ewing Sarcoma. *bioRxiv : the preprint server for biology*.

Rodina A, et al. (2023) Systems-level analyses of protein-protein interaction network dysfunctions via epichaperomics identify cancer-specific mechanisms of stress adaptation. *Nature communications*, 14(1), 3742.

Palombo R, et al. (2023) Inhibition of the PI3K/AKT/mTOR signaling promotes an M1 macrophage switch by repressing the ATF3-CXCL8 axis in Ewing sarcoma. *Cancer letters*, 555, 216042.

Mallard HJ, et al. (2023) USP1 Expression Driven by EWS::FLI1 Transcription Factor Stabilizes Survivin and Mitigates Replication Stress in Ewing Sarcoma. *Molecular cancer research : MCR*, 21(11), 1186.

Turaga SM, et al. (2023) Inducing Mitotic Catastrophe as a Therapeutic Approach to Improve Outcomes in Ewing Sarcoma. *Cancers*, 15(20).

Mancarella C, et al. (2023) Extracellular vesicle-associated IGF2BP3 tunes Ewing sarcoma cell migration and affects PI3K/Akt pathway in neighboring cells. *Cancer gene therapy*, 30(9), 1285.

Puerto-Camacho P, et al. (2022) Endoglin and MMP14 Contribute to Ewing Sarcoma Spreading by Modulation of Cell-Matrix Interactions. *International journal of molecular sciences*, 23(15).

Young LEA, et al. (2022) In situ mass spectrometry imaging reveals heterogeneous glycogen stores in human normal and cancerous tissues. *EMBO molecular medicine*, 14(11), e16029.

Yahiro S, et al. (2022) Identification and characterization of slow-cycling cells in Ewing sarcoma. *International journal of oncology*, 61(5).

De Feo A, et al. (2022) miR-214-3p Is Commonly Downregulated by EWS-FLI1 and by CD99 and Its Restoration Limits Ewing Sarcoma Aggressiveness. *Cancers*, 14(7).

Golinelli G, et al. (2022) Anti-GD2 CAR MSCs against metastatic Ewing's sarcoma. *Translational oncology*, 15(1), 101240.

Lamhamedi-Cherradi SE, et al. (2022) The androgen receptor is a therapeutic target in desmoplastic small round cell sarcoma. *Nature communications*, 13(1), 3057.

Palombo R, et al. (2022) pncCCND1_B Engages an Inhibitory Protein Network to Downregulate CCND1 Expression upon DNA Damage. *Cancers*, 14(6).