

# Resource Summary Report

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## RD

RRID:CVCL\_1649

Type: Cell Line

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### Proper Citation

(RRID:CVCL\_1649)

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_1649](https://web.expasy.org/cellosaurus/CVCL_1649)

**Proper Citation:** (RRID:CVCL\_1649)

**Sex:** Female

**Defining Citation:** [PMID:77569](#), [PMID:327080](#), [PMID:833871](#), [PMID:1917385](#), [PMID:2216456](#), [PMID:2302710](#), [PMID:3158613](#), [PMID:3518877](#), [PMID:4241949](#), [PMID:6220172](#), [PMID:7309287](#), [PMID:8275086](#), [PMID:8383879](#), [PMID:10899454](#), [PMID:12068308](#), [PMID:16518851](#), [PMID:17471488](#), [PMID:18082704](#), [PMID:19235922](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20922763](#), [PMID:21948088](#), [PMID:22142829](#), [PMID:22460905](#), [PMID:22541669](#), [PMID:23578105](#), [PMID:23828214](#), [PMID:23882450](#), [PMID:25894527](#), [PMID:26351324](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31448612](#), [PMID:31978347](#), [PMID:35839778](#), [PMID:36768928](#)

**Comments:** Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: Exosome proteome analysis., Omics: Cell surface proteome., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: NCI Pediatric Preclinical Testing Program (PPTP) cell line panel., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., 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:** RD

**Synonyms:** R D, RD-2, RD 2, 130T, 130-T, 130 T, TE-32, TE 32, TE32, TE 32.T, Te 32.T

**Cross References:** BTO:BTO\_0005377, CLO:CLO\_0008693, CLO:CLO\_0008770, EFO:EFO\_0002315, CLDB:cl4119, CLDB:cl4120, CLDB:cl4121, CLDB:cl4122, CLDB:cl4123, CLDB:cl4124, CLDB:cl4125, CLDB:cl4126, CLDB:cl4127, AddexBio:C0035001/4950, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-136, ATCC:CRL-7713, ATCC:CRL-7731, ATCC:HTB-97, BCRC:60113, BCRJ:0260, BioGRID\_ORCS\_Cell\_line:482, BioSample:SAMN01821591, BioSample:SAMN01821716, BioSample:SAMN03472710, BioSample:SAMN10988441, cancercellines:CVCL\_1649, CCRID:1101HUM-PUMC000293, CCRID:1102HUM-NIFDC00079, CCRID:3101HUMTCHu45, CCRID:4201HUM-CCTCC00295, CCTCC:GDC0295, Cell\_Model\_Passport:SIDM00847, ChEMBL-Cells:ChEMBL3307547, ChEMBL-Targets:ChEMBL614144, CLS:300401, Cosmic:724833, Cosmic:801358, Cosmic:801760, Cosmic:802045, Cosmic:909264, Cosmic:1037298, Cosmic:1048111, Cosmic:1097753, Cosmic:1309330, Cosmic:1509195, Cosmic:1620036, Cosmic:1718099, Cosmic:2296987, Cosmic:2301590, Cosmic:2355912, Cosmic-CLP:909264, DepMap:ACH-000169, ECACC:85111502, EGA:EGAS00001000978, GDSC:909264, GEO:GSM185149, GEO:GSM186446, GEO:GSM219726, GEO:GSM887528, GEO:GSM888610, GEO:GSM1012752, GEO:GSM1670368, GEO:GSM1676309, GEO:GSM1701643, IARC\_TP53:767, IGRhCellID:RD, IZSLER:BS TCL 57, JCRB:JCRB9072, KCLB:10136, LiGeA:CCELE\_882, LINCS\_LDP:LCL-1411, Lonza:1536, PharmacDB:RD\_1296\_2019, PRIDE:PXD000589, PRIDE:PXD007755, PRIDE:PXD030304, PRIDE:PXD039480, Progenetix:CVCL\_1649, PubChem\_Cell\_line:CVCL\_1649, TOKU-E:2986, Wikidata:Q54949532

**ID:** CVCL\_1649

**Record Creation Time:** 20250131T202430+0000

**Record Last Update:** 20250131T204322+0000

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## Ratings and Alerts

No rating or validation information has been found for RD.

**Warning:** Discontinued: ATCC; HTB-97

Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: Exosome proteome analysis., Omics: Cell surface proteome., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: NCI Pediatric Preclinical Testing Program (PPTP) cell line panel., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., 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). **Warning:** Discontinued: ATCC; CRL-7713

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Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: Exosome proteome analysis., Omics: Cell surface proteome., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Population: Caucasian., Part of: NCI Pediatric Preclinical Testing Program (PPTP) cell line panel., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., 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).

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Pezzella M, et al. (2024) Tumor-derived G-CSF induces an immunosuppressive microenvironment in an osteosarcoma model, reducing response to CAR.GD2 T-cells. *Journal of hematology & oncology*, 17(1), 127.

Sun Y, et al. (2024) Analysis of miRNAs involved in mouse brain injury upon Coxsackievirus A6 infection. *Frontiers in cellular and infection microbiology*, 14, 1405689.

Hebron KE, et al. (2024) ASAP1 and ARF1 regulate myogenic differentiation in rhabdomyosarcoma by modulating TAZ activity. *Molecular cancer research : MCR*.

Yang F, et al. (2024) GEFT inhibits the GSDM-mediated proptosis signalling pathway, promoting the progression and drug resistance of rhabdomyosarcoma. *Cell death & disease*, 15(11), 867.

Särchen V, et al. (2023) Characterization of BV6-Induced Sensitization to the NK Cell Killing of Pediatric Rhabdomyosarcoma Spheroids. *Cells*, 12(6).

McKay-Corkum GB, et al. (2023) Inhibition of NAD<sup>+</sup>-Dependent Metabolic Processes Induces Cellular Necrosis and Tumor Regression in Rhabdomyosarcoma Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(21), 4479.

Hebron KE, et al. (2023) The Combination of Trametinib and Ganitumab is Effective in RAS-Mutated PAX-Fusion Negative Rhabdomyosarcoma Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(2), 472.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. *Cancer research communications*, 3(10), 2030.

Chen DY, et al. (2023) Cell culture systems for isolation of SARS-CoV-2 clinical isolates and generation of recombinant virus. *iScience*, 26(5), 106634.

Rossi F, et al. (2022) Circular RNA ZNF609/CKAP5 mRNA interaction regulates microtubule dynamics and tumorigenicity. *Molecular cell*, 82(1), 75.

Urla C, et al. (2022) Epitope Detection in Monocytes (EDIM) As a New Method of Liquid Biopsy in Pediatric Rhabdomyosarcoma. *Biomedicines*, 10(8).

Milton CI, et al. (2022) FGF7-FGFR2 autocrine signaling increases growth and chemoresistance of fusion-positive rhabdomyosarcomas. *Molecular oncology*, 16(6), 1272.

Kuijpers L, et al. (2022) Characterizing single-molecule dynamics of viral RNA-dependent RNA polymerases with multiplexed magnetic tweezers. *STAR protocols*, 3(3), 101606.

Ahmad A, et al. (2022) Development and Evaluation of a TaqMan Real-Time PCR Assay for the Rapid Detection of Cross-Contamination of RD (Human) and L20B (Mouse) Cell Lines Used in Poliovirus Surveillance. *Journal of virological methods*, 300, 114354.

Polyanskaya SA, et al. (2022) SCP4-STK35/PDIK1L complex is a dual phospho-catalytic signaling dependency in acute myeloid leukemia. *Cell reports*, 38(2), 110233.

Fang Y, et al. (2021) Inhibition of viral suppressor of RNAi proteins by designer peptides protects from enteroviral infection in vivo. *Immunity*, 54(10), 2231.

Malone CF, et al. (2021) Selective Modulation of a Pan-Essential Protein as a Therapeutic Strategy in Cancer. *Cancer discovery*, 11(9), 2282.

Janissen R, et al. (2021) Induced intra- and intermolecular template switching as a therapeutic mechanism against RNA viruses. *Molecular cell*, 81(21), 4467.

Liu Q, et al. (2021) Glycogen accumulation and phase separation drives liver tumor initiation. *Cell*, 184(22), 5559.

Neggers JE, et al. (2020) Synthetic Lethal Interaction between the ESCRT Paralog Enzymes VPS4A and VPS4B in Cancers Harboring Loss of Chromosome 18q or 16q. *Cell reports*, 33(11), 108493.