

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

CLASTR

RRID:SCR_024863

Type: Tool

Proper Citation

CLASTR (RRID:SCR_024863)

Resource Information

URL: <https://www.cellosaurus.org/str-search/>

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Description: Web tool to search for similarity between cell line Short Tandem Repeat markers and those stored in Cellosaurus knowledge resource. Cellosaurus STR similarity search tool for cell line authentication.

Synonyms: Cellosaurus Short Tandem Repeat search tool

Resource Type: software resource, data access protocol, web service

Defining Citation: [PMID:31444973](#)

Keywords: Cellosaurus knowledge, Cellosaurus STR similarity search, STR profiling, Short Tandem Repeat markers, cell line authentication, similarity between cell line STR markers,

Availability: Free, Available for download, Freely available

Resource Name: CLASTR

Resource ID: SCR_024863

Alternate URLs: <https://github.com/calipho-sib/cellosaurus-STR-similarity-search-tool>

License: GNU GPL v3.0

Record Creation Time: 20240112T050239+0000

Record Last Update: 20260729T044614+0000

Ratings and Alerts

No rating or validation information has been found for CLASTR.

No alerts have been found for CLASTR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Farkas T, et al. (2025) B cell lines fail to support efficient rhesus enteric calicivirus and human norovirus replication. Journal of virology, 99(5), e0014325.

Woo SR, et al. (2025) Blocking YAP1-Liprin-?2 interaction impedes metastasis and promotes tumor suppression in head and neck squamous carcinoma. Scientific reports, 15(1), 26968.

Hoshino H, et al. (2025) Establishment of a human ovarian endometrioid carcinoma cell line by constitutive expression of cyclin-dependent kinase 4, cyclin D1 and telomerase reverse transcriptase. Human cell, 38(2), 47.

Kolendowski B, et al. (2025) Transcriptomic Analyses of Ovarian Clear Cell Carcinoma Spheroids Reveal Distinct Proliferative Phenotypes and Therapeutic Vulnerabilities. Cells, 14(11).

Khan KA, et al. (2025) Modulation of fibronectin extracellular matrix enhances anti-tumor efficacy of immune checkpoint blockade. Cell reports. Medicine, 6(9), 102322.

Shin HY, et al. (2025) Exploring the characteristics of immortalized human ovarian surface epithelial cell lines. Heliyon, 11(4), e42539.

Andrews JM, et al. (2024) STRprofiler: efficient comparisons of short tandem repeat profiles for biomedical model authentication. Bioinformatics (Oxford, England), 40(12).

Noh JK, et al. (2024) Targeting ferroptosis for improved radiotherapy outcomes in HPV-negative head and neck squamous cell carcinoma. Molecular oncology.

Murphy CS, et al. (2024) Inhibition of Acyl-CoA Synthetase Long Chain Isozymes Decreases Multiple Myeloma Cell Proliferation and Causes Mitochondrial Dysfunction. bioRxiv : the preprint server for biology.

Nishioka Y, et al. (2024) Establishment of a novel small bowel adenocarcinoma cell line using patient?derived xenografts, which produces CEA and CA19?9. Oncology letters, 28(2), 360.

Hoshino H, et al. (2024) Establishment of a human ovarian clear cell carcinoma cell line mutant in PIK3CB but not PIK3CA. *Human cell*, 37(4), 1184.

González B, et al. (2021) Somatic Hypomethylation of Pericentromeric SST1 Repeats and Tetraploidization in Human Colorectal Cancer Cells. *Cancers*, 13(21).

Yusefi M, et al. (2020) The Potential Anticancer Activity of 5-Fluorouracil Loaded in Cellulose Fibers Isolated from Rice Straw. *International journal of nanomedicine*, 15, 5417.

Kolendowski B, et al. (2020) Characterization of Mutational Status, Spheroid Formation, and Drug Response of a New Genomically-Stable Human Ovarian Clear Cell Carcinoma Cell Line, 105C. *Cells*, 9(11).