

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

K-562-luc2

RRID:CVCL_UR39

Type: Cell Line

Proper Citation

RRID:CVCL_UR39

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_UR39

Proper Citation: RRID:CVCL_UR39

Description: Cell line K-562-luc2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Blast phase chronic myelogenous leukemia, BCR-ABL1 positive

Comments: Characteristics: Stably expresses firefly luciferase under the control of the human EF1a promoter (ATCC=CCL-243-LUC2)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: K-562-luc2

Cross References: ATCC:CCL-243-LUC2, Wikidata:Q94333790

ID: CVCL_UR39

Hierarchy: cvcl_0004

Record Creation Time: 20220427T220654+0000

Record Last Update: 20260905T180921+0000

Ratings and Alerts

No rating or validation information has been found for K-562-luc2.

No alerts have been found for K-562-luc2.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Thangaraj JL, et al. (2026) Improved expansion of peripheral blood and iPSC-derived natural killer cells for clinical applications. *Cell reports methods*, 6(6), 101422.

Liang WW, et al. (2026) Essential lncRNAs in the human transcriptome. *Cell genomics*, 6(7), 101253.

Wang Y, et al. (2026) Tuning the sensitivity of mechanosensory receptors through histidine scanning. *Cell*, 189(6), 1680.

Li S, et al. (2026) Lung mucosal and systemic responses at single-cell resolution in an aerosolized *Mycobacterium bovis* BCG human challenge model. *Cell reports. Medicine*, 7(6), 102830.

Her HL, et al. (2026) Comprehensive RNA-binding protein analyses and deep learning uncover genetic constraints and disease associations in protein-RNA interfaces. *Cell systems*, 17(6), 101588.

Cheng Z, et al. (2026) Structural dissection of CD38 antigen engagement by CAR binders and rational affinity tuning. *iScience*, 29(6), 115937.

Huang Y, et al. (2026) ALDH3A2-mediated fatty acid synthesis induces ferroptosis and AML drug resistance. *iScience*, 29(6), 116202.

Sept CE, et al. (2025) High-resolution CTCF footprinting reveals impact of chromatin state on cohesin extrusion. *Nature communications*, 16(1), 4506.

Pedde AM, et al. (2024) Tissue-colonizing disseminated tumor cells secrete prostaglandin E2 to promote NK cell dysfunction and evade anti-metastatic immunity. *Cell reports*, 43(11), 114855.

Sabag B, et al. (2024) Dysfunctional natural killer cells can be reprogrammed to regain anti-tumor activity. *The EMBO journal*, 43(13), 2552.

Wegrzyniak O, et al. (2024) Non-invasive PET imaging of liver fibrogenesis using a RESCA-conjugated Affibody molecule. *iScience*, 27(5), 109688.

Danac JMC, et al. (2024) Competition between two HUSH complexes orchestrates the immune response to retroelement invasion. *Molecular cell*, 84(15), 2870.

Liu C, et al. (2022) Loss of PRMT7 reprograms glycine metabolism to selectively eradicate leukemia stem cells in CML. *Cell metabolism*, 34(6), 818.