Resource Summary Report

Generated by RRID on Sep 7, 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.

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

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

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.