Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2025

Kc167

RRID:CVCL_Z834
Type: Cell Line

Proper Citation

(RRID:CVCL_Z834)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Z834

Proper Citation: (RRID:CVCL_Z834)

Sex: Female

Defining Citation: PMID:6194991, PMID:17890361, PMID:21177962, PMID:21958154, PMID:24434506, PMID:24985917, PMID:25262759, PMID:26772746, PMID:27789612, PMID:33028628

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Part of: modENCODE project cell lines., Group: Insect cell line.

Category: Spontaneously immortalized cell line

Name: Kc167

Synonyms: KC167, Kc 167, Kc-167, Kc(167), Kc clone 167

Cross References: BTO:BTO_0003920, EFO:EFO_0005819, DGRC:1, ENCODE:ENCBS015VGB, ENCODE:ENCBS135ZQF, ENCODE:ENCBS182VSZ, ENCODE:ENCBS204IEG, ENCODE:ENCBS205EQM, ENCODE:ENCBS225MFU, ENCODE:ENCBS252ADJ, ENCODE:ENCBS254GKI, ENCODE:ENCBS329ISE, ENCODE:ENCBS330RPK, ENCODE:ENCBS382VFL, ENCODE:ENCBS394RBY, ENCODE:ENCBS428NFS, ENCODE:ENCBS478PEU, ENCODE:ENCBS486FOA, ENCODE:ENCBS535RCG, ENCODE:ENCBS539YYB, ENCODE:ENCBS603LDU, ENCODE:ENCBS669SLI, ENCODE:ENCBS675YSX, ENCODE:ENCBS719PGH, ENCODE:ENCBS729BWH, ENCODE:ENCBS780AES, ENCODE:ENCBS796GIW, ENCODE:ENCBS803AIQ, ENCODE:ENCBS836UXA, ENCODE:ENCBS851EXM, ENCODE:ENCBS862SKE, ENCODE:ENCBS878BZF, ENCODE:ENCBS880SDK,

ENCODE:ENCBS890JHV, ENCODE:ENCBS931HGX, ENCODE:ENCBS942QVO, ENCODE:ENCBS985UDR, FlyBase_Cell_line:FBtc0000001, Wikidata:Q54899603

ID: CVCL_Z834

Record Creation Time: 20250131T201123+0000

Record Last Update: 20250131T202629+0000

Ratings and Alerts

No rating or validation information has been found for Kc167.

No alerts have been found for Kc167.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 128 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Belott CJ, et al. (2024) Membraneless and membrane-bound organelles in an anhydrobiotic cell line are protected from desiccation-induced damage. Cell stress & chaperones, 29(3), 425.

Wooten M, et al. (2023) Aclarubicin stimulates RNA polymerase II elongation at closely spaced divergent promoters. Science advances, 9(24), eadg3257.

Wooten M, et al. (2023) Aclarubicin stimulates RNA polymerase II elongation at closely spaced divergent promoters. bioRxiv : the preprint server for biology.

Wen D, et al. (2023) Sterol Regulation of Development and 20-Hydroxyecdysone Biosynthetic and Signaling Genes in Drosophila melanogaster. Cells, 12(13).

Faucillion ML, et al. (2022) Modulation of RNA stability regulates gene expression in two opposite ways: through buffering of RNA levels upon global perturbations and by supporting adapted differential expression. Nucleic acids research, 50(8), 4372.

Osuntoki IG, et al. (2022) ZipHiC: a novel Bayesian framework to identify enriched interactions and experimental biases in Hi-C data. Bioinformatics (Oxford, England), 38(14), 3523.

Pandey M, et al. (2022) Molecular Dissection of a Conserved Cluster of miRNAs Identifies

Critical Structural Determinants That Mediate Differential Processing. Frontiers in cell and developmental biology, 10, 909212.

Miao T, et al. (2022) Acetyl-CoA-mediated autoacetylation of fatty acid synthase as a metabolic switch of de novo lipogenesis in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 119(49), e2212220119.

Janis B, et al. (2022) Functional and Conformational Plasticity of an Animal Group 1 LEA Protein. Biomolecules, 12(3).

, et al. (2022) 3DGenBench: a web-server to benchmark computational models for 3D Genomics. Nucleic acids research, 50(W1), W4.

Mariyappa D, et al. (2022) A novel transposable element-based authentication protocol for Drosophila cell lines. G3 (Bethesda, Md.), 12(2).

Pandey M, et al. (2022) Purification of exosome-enriched proteins produced in a Drosophila cell line by size exclusion chromatography. STAR protocols, 3(4), 101834.

Garcia EL, et al. (2022) Allele-specific alternative splicing of Drosophila Ribosomal protein S21 suppresses a lethal mutation in the Phosphorylated adaptor for RNA export (Phax) gene. G3 (Bethesda, Md.), 12(9).

Verma S, et al. (2021) Genomic organization of the autonomous regulatory domain of eyeless locus in Drosophila melanogaster. G3 (Bethesda, Md.), 11(12).

Soffers JHM, et al. (2021) The SAGA core module is critical during Drosophila oogenesis and is broadly recruited to promoters. PLoS genetics, 17(11), e1009668.

Bag I, et al. (2021) M1BP cooperates with CP190 to activate transcription at TAD borders and promote chromatin insulator activity. Nature communications, 12(1), 4170.

Pandey M, et al. (2021) miR-125-chinmo pathway regulates dietary restriction-dependent enhancement of lifespan in Drosophila. eLife, 10.

Kögler AC, et al. (2021) Extremely rapid and reversible optogenetic perturbation of nuclear proteins in living embryos. Developmental cell, 56(16), 2348.

Lopez-Delisle L, et al. (2021) pyGenomeTracks: reproducible plots for multivariate genomic datasets. Bioinformatics (Oxford, England), 37(3), 422.

Luhur A, et al. (2020) Adapting Drosophila melanogaster Cell Lines to Serum-Free Culture Conditions. G3 (Bethesda, Md.), 10(12), 4541.