

Resource Summary Report

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Kc167

RRID:CVCL_Z834

Type: Cell Line

Proper Citation

DGRC Cat# 1, RRID:CVCL_Z834

Cell Line Information

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

Proper Citation: DGRC Cat# 1, RRID:CVCL_Z834

Description: Cell line Kc167 is a Spontaneously immortalized cell line with a species of origin *Drosophila melanogaster* (Fruit fly)

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: Part of: modENCODE project cell lines., Group: Insect cell line.

Category: Spontaneously immortalized cell line

Organism: *Drosophila melanogaster* (Fruit fly)

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

Vendor: DGRC

Catalog Number: 1

Hierarchy: cvcl_z833

Record Creation Time: 20220427T220658+0000

Record Last Update: 20260809T001440+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 130 mentions in open access literature.

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

Fuwa TJ, et al. (2026) Hemocyte-secreted papilin bearing mucin-type O-glycans regulates peripodial stalk formation via epidermal JAK/STAT signaling in Drosophila. iScience, 29(3), 115054.

Merigliano C, et al. (2025) Off-pore Nup98 condensates mobilize heterochromatic breaks and exclude Rad51. Molecular cell, 85(12), 2355.

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).

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.

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.

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

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