

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

S2-DGRC

RRID:CVCL_TZ72

Type: Cell Line

Proper Citation

RRID:CVCL_TZ72

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_TZ72

Proper Citation: RRID:CVCL_TZ72

Description: Cell line S2-DGRC is a Spontaneously immortalized cell line with a species of origin *Drosophila melanogaster* (Fruit fly)

Sex: Male

Comments: Group: Insect cell line.

Category: Spontaneously immortalized cell line

Organism: *Drosophila melanogaster* (Fruit fly)

Name: S2-DGRC

Cross References: DGRC:6, FlyBase_Cell_line:FBtc0000006, Wikidata:Q54951856

ID: CVCL_TZ72

Hierarchy: cvcl_z232

Record Creation Time: 20220427T221513+0000

Record Last Update: 20260829T235809+0000

Ratings and Alerts

No rating or validation information has been found for S2-DGRC.

No alerts have been found for S2-DGRC.

Data and Source Information

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Kim B, et al. (2026) Complex interplay of neuronal and hormonal gut-brain responses to essential amino acid deficit. *Science* (New York, N.Y.), 392(6800), eadv3355.

Chakraborty S, et al. (2026) The microcephaly protein Abnormal Spindle has an essential role in symmetrically dividing neural precursors to promote brain growth and development. *Developmental biology*, 536, 56.

Kansara L, et al. (2026) The mRNA architecture of the translation termination site primes programmed stop codon readthrough events in *Drosophila*. *RNA biology*, 23(1), 1.

Zheng K, et al. (2025) Mask protein keeps NF- κ B precursor inactive by inducing a closed conformation and isolating it in biomolecular condensates. *Cell reports*, 44(9), 116225.

Moura M, et al. (2025) Polo kinase inhibits protein phosphatase 1 to promote the spindle assembly checkpoint and prevent aneuploidy. *Current biology : CB*, 35(21), 5289.

Chakraborty S, et al. (2025) The microcephaly protein Abnormal Spindle has an essential role in symmetrically dividing neural precursors to promote brain growth and development. *bioRxiv : the preprint server for biology*.

Andresen S, et al. (2025) Improved detection of lipidated Atg8a by immunoblotting in *Drosophila melanogaster* cells and tissues enables precise investigation of Atg8a flux and its termination. *Autophagy*, 1.

Leça N, et al. (2025) Proximity-based activation of AURORA A by MPS1 potentiates error correction. *Current biology : CB*, 35(8), 1935.

Tokamov SA, et al. (2024) Cortical tension promotes Kibra degradation via Par-1. *Molecular biology of the cell*, 35(1), ar2.

Yang Y, et al. (2024) Innate immune and proinflammatory signals activate the Hippo pathway via a Tak1-STRIPAK-Tao axis. *Nature communications*, 15(1), 145.

Bowman RL, et al. (2024) CD44 facilitates adhesive interactions in airineme-mediated intercellular signaling. *bioRxiv : the preprint server for biology*.

Matakatsu H, et al. (2024) Dachshous and Fat coordinately repress the Dachs-Dlsh-Approximated complex to control growth. *The Journal of cell biology*, 223(12).

Wang X, et al. (2024) Nuclear receptor E75/NR1D2 promotes tumor malignant transformation by integrating Hippo and Notch pathways. *The EMBO journal*, 43(24), 6336.

Grmai L, et al. (2024) Integrated stress response signaling acts as a metabolic sensor in fat tissues to regulate oocyte maturation and ovulation. *Cell reports*, 43(3), 113863.

Birk MA, et al. (2023) Temperature-dependent RNA editing in octopus extensively recodes the neural proteome. *Cell*, 186(12), 2544.

Nandi N, et al. (2022) A phosphoswitch at acinus-serine437 controls autophagic responses to cadmium exposure and neurodegenerative stress. *eLife*, 11.

Xu W, et al. (2022) Dynamic control of chromatin-associated m6A methylation regulates nascent RNA synthesis. *Molecular cell*, 82(6), 1156.

Nam S, et al. (2022) Tctp regulates the level and localization of Foxo for cell growth in *Drosophila*. *Cell death discovery*, 8(1), 146.

Kiparaki M, et al. (2022) The transcription factor Xrp1 orchestrates both reduced translation and cell competition upon defective ribosome assembly or function. *eLife*, 11.

Tokamov SA, et al. (2021) Negative feedback couples Hippo pathway activation with Kibra degradation independent of Yorkie-mediated transcription. *eLife*, 10.