

# Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

## S2-DRSC

RRID:CVCL\_Z992

Type: Cell Line

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### Proper Citation

RRID:CVCL\_Z992

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_Z992](https://web.expasy.org/cellosaurus/CVCL_Z992)

**Proper Citation:** RRID:CVCL\_Z992

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

**Sex:** Male

**Defining Citation:** [PMID:21177962](#), [PMID:24434506](#), [PMID:24985917](#), [PMID:25262759](#), [PMID:26772746](#)

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

**Category:** Spontaneously immortalized cell line

**Organism:** *Drosophila melanogaster* (Fruit fly)

**Name:** S2-DRSC

**Cross References:** EFO:EFO\_0005836, DGRC:181, ENCODE:ENCBS006VJB, ENCODE:ENCBS008LGB, ENCODE:ENCBS010RAQ, ENCODE:ENCBS013MSY, ENCODE:ENCBS017DFN, ENCODE:ENCBS058HTA, ENCODE:ENCBS087VIH, ENCODE:ENCBS088XIQ, ENCODE:ENCBS090MOB, ENCODE:ENCBS090TPA, ENCODE:ENCBS106RHP, ENCODE:ENCBS110KRE, ENCODE:ENCBS124PNL, ENCODE:ENCBS126OLI, ENCODE:ENCBS139KWP, ENCODE:ENCBS142TUN, ENCODE:ENCBS145BAB, ENCODE:ENCBS158WAB, ENCODE:ENCBS161TOO, ENCODE:ENCBS170GIK, ENCODE:ENCBS176ZPG, ENCODE:ENCBS177SMN, ENCODE:ENCBS180ZDI, ENCODE:ENCBS184TBN, ENCODE:ENCBS187WVO, ENCODE:ENCBS200MCV, ENCODE:ENCBS205XZV, ENCODE:ENCBS208XXF, ENCODE:ENCBS225CEK, ENCODE:ENCBS227VZL, ENCODE:ENCBS234EHK, ENCODE:ENCBS250GJJ, ENCODE:ENCBS258UQR, ENCODE:ENCBS259VXP, ENCODE:ENCBS274XUE, ENCODE:ENCBS281RDY, ENCODE:ENCBS292QNX,

ENCODE:ENCBS303AAJ, ENCODE:ENCBS316OUD, ENCODE:ENCBS333RPQ, ENCODE:ENCBS339BLC, ENCODE:ENCBS344TKR, ENCODE:ENCBS371VQC, ENCODE:ENCBS371XQA, ENCODE:ENCBS373IOH, ENCODE:ENCBS373OUA, ENCODE:ENCBS385KGQ, ENCODE:ENCBS386UAO, ENCODE:ENCBS389HVV, ENCODE:ENCBS397PYN, ENCODE:ENCBS402GGY, ENCODE:ENCBS406UIP, ENCODE:ENCBS409GTV, ENCODE:ENCBS412DDI, ENCODE:ENCBS415HED, ENCODE:ENCBS427UIS, ENCODE:ENCBS436LNI, ENCODE:ENCBS437DVR, ENCODE:ENCBS440KSW, ENCODE:ENCBS443REI, ENCODE:ENCBS445QYZ, ENCODE:ENCBS461THK, ENCODE:ENCBS469AHD, ENCODE:ENCBS474HDY, ENCODE:ENCBS476QCZ, ENCODE:ENCBS480TZB, ENCODE:ENCBS485BHZ, ENCODE:ENCBS492UGM, ENCODE:ENCBS519HNG, ENCODE:ENCBS540ZNI, ENCODE:ENCBS551HAB, ENCODE:ENCBS556BVX, ENCODE:ENCBS564FYN, ENCODE:ENCBS565UYU, ENCODE:ENCBS571EYR, ENCODE:ENCBS573WFM, ENCODE:ENCBS578GMQ, ENCODE:ENCBS579TQV, ENCODE:ENCBS585ORA, ENCODE:ENCBS595IUO, ENCODE:ENCBS608LKQ, ENCODE:ENCBS612KBM, ENCODE:ENCBS614AWC, ENCODE:ENCBS623ZGX, ENCODE:ENCBS625GGT, ENCODE:ENCBS638GFX, ENCODE:ENCBS638NWC, ENCODE:ENCBS641FHG, ENCODE:ENCBS644WYM, ENCODE:ENCBS654UWV, ENCODE:ENCBS662TMA, ENCODE:ENCBS665VZI, ENCODE:ENCBS674MBC, ENCODE:ENCBS676DSJ, ENCODE:ENCBS687SHC, ENCODE:ENCBS690QTC, ENCODE:ENCBS692NDI, ENCODE:ENCBS692UCT, ENCODE:ENCBS692ZBZ, ENCODE:ENCBS700MRY, ENCODE:ENCBS704DOA, ENCODE:ENCBS723OJC, ENCODE:ENCBS736EAE, ENCODE:ENCBS745GQM, ENCODE:ENCBS749SFJ, ENCODE:ENCBS784DOA, ENCODE:ENCBS791WMF, ENCODE:ENCBS810MSU, ENCODE:ENCBS813THC, ENCODE:ENCBS821BLW, ENCODE:ENCBS826KGJ, ENCODE:ENCBS831NED, ENCODE:ENCBS833FAO, ENCODE:ENCBS849VAW, ENCODE:ENCBS855QAW, ENCODE:ENCBS856XJT, ENCODE:ENCBS857WVL, ENCODE:ENCBS858CTP, ENCODE:ENCBS868IBJ, ENCODE:ENCBS882RWS, ENCODE:ENCBS883CIX, ENCODE:ENCBS888JJD, ENCODE:ENCBS889VWF, ENCODE:ENCBS892PNV, ENCODE:ENCBS897YJE, ENCODE:ENCBS898KFS, ENCODE:ENCBS899NHE, ENCODE:ENCBS899OTC, ENCODE:ENCBS910OTN, ENCODE:ENCBS917MPG, ENCODE:ENCBS920HLB, ENCODE:ENCBS956ORA, ENCODE:ENCBS961VIF, ENCODE:ENCBS972VQU, ENCODE:ENCBS973RDS, ENCODE:ENCBS975URF, ENCODE:ENCBS977SEG, ENCODE:ENCBS988DGF, ENCODE:ENCBS991CJS, ENCODE:ENCBS993EFF, FlyBase\_Cell\_line:FBtc0000181, Wikidata:Q54951857

**ID:** CVCL\_Z992

**Hierarchy:** cvcl\_z232

**Record Creation Time:** 20220427T221513+0000

**Record Last Update:** 20260829T235809+0000

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## Ratings and Alerts

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

No alerts have been found for S2-DRSC.

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## Data and Source Information

## Usage and Citation Metrics

We found 63 mentions in open access literature.

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

Liu ZH, et al. (2026) Fat Body-Derived Juvenile Hormone Acid Methyltransferase Antagonizes Ecdysone by Inhibiting JNK-Dependent Autophagy in *Drosophila melanogaster*. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(4), e71584.

Burns EE, et al. (2026) Togaram Ensures Axial Alignment of the Sperm Neck. bioRxiv : the preprint server for biology.

Wong FY, et al. (2026) Multiplex serological profiling reveals diverse avian and mammalian influenza A virus exposure in swine. iScience, 29(5), 115743.

Jones BM, et al. (2025) The Fire Ant Social Chromosome Exerts a Major Influence on Genome Regulation. Molecular biology and evolution, 42(6).

Zhao Y, et al. (2025) Origin and development of uniparental and polyploid blastomeres. iScience, 28(5), 112337.

Finegan TM, et al. (2025) Alternative splicing repurposes the *Drosophila* mitotic regulator Mud for meiotic functions. Genetics, 231(2).

Drewell RA, et al. (2025) Identification of novel components of the retinal determination gene network in *Drosophila* cell lines. Open biology, 15(7), 250012.

Pastor-Escuredo D, et al. (2025) Unsupervised spatiotemporal classification of deformation patterns of embryonic tissues matches their fate map. iScience, 28(3), 111753.

Kawaguchi S, et al. (2025) In silico screening by AlphaFold2 program revealed the potential binding partners of nuage-localizing proteins and piRNA-related proteins. eLife, 13.

Ganzer C, et al. (2025) Net zero in power and industry-creating or destroying value and jobs? iScience, 28(4), 112185.

Geng L, et al. (2025) The N<sup>ε</sup>-acetyl-L-lysine/Loxl2/H<sub>2</sub>O<sub>2</sub> promotes intestinal tumor growth in *Drosophila* and cell proliferation in human colorectal cancer. Cell reports, 44(8), 116126.

Wolf J, et al. (2025) Substrate diffusion electrodes allow for the electrochemical hydrogenation of concentrated alkynol substrate feeds. iScience, 28(2), 111789.

Meitil IKS, et al. (2025) Classification of polyphenol oxidases shows ancient gene duplication leading to two distinct enzyme types. iScience, 28(2), 111771.

Taguchi K, et al. (2025) SENP2-based N-terminal truncation of  $\alpha$ -synuclein in Lewy pathology propagation. *iScience*, 28(2), 111935.

Chen H, et al. (2025) Formation of brain-wide neural geometry during visual item recognition in monkeys. *iScience*, 28(3), 111936.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in *Drosophila*. *Development (Cambridge, England)*, 152(9).

Marin N, et al. (2025) Predictable sequential structure augments auditory sensitivity at threshold. *iScience*, 28(3), 112074.

Zhao Y, et al. (2025) Semantic and relation aware neural network model for bi-class multi-relational heterogeneous graphs. *iScience*, 28(4), 112155.

Thakur RS, et al. (2025) PDZD8 promotes autophagy at ER-lysosome membrane contact sites to regulate activity-dependent synaptic growth. *Cell reports*, 44(4), 115483.

Liang W, et al. (2024) The circular RNA circATP8B(2) regulates ROS production and antiviral immunity in *Drosophila*. *Cell reports*, 43(4), 113973.