

# Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

## S2-DRSC

RRID:CVCL\_Z992

Type: Cell Line

---

### Proper Citation

RRID:CVCL\_Z992

---

### 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:** 20260904T015551+0000

---

## Ratings and Alerts

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

No alerts have been found for S2-DRSC.

---

## 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.

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

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.

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 ??-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.