Resource Summary Report

Generated by RRID on Sep 2, 2026

S2R+

RRID:CVCL_Z831
Type: Cell Line

Proper Citation

RRID:CVCL_Z831

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Z831

Proper Citation: RRID:CVCL_Z831

Description: Cell line S2R+ is a Spontaneously immortalized cell line with a species of origin Drosophila melanogaster (Fruit fly)

Sex: Male

Defining Citation: PMID:9822716, PMID:21177962, PMID:24434506, PMID:24985917, PMID:25262759, PMID:33028628, PMID:36156149

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

Category: Spontaneously immortalized cell line

Organism: Drosophila melanogaster (Fruit fly)

Name: S2R+

Cross References: EFO:EFO_0005837, BioGRID_ORCS_Cell_line:795, DGRC:150, ENCODE:ENCBS016VBB, ENCODE:ENCBS029XZY, ENCODE:ENCBS045RXQ, ENCODE:ENCBS050FWY, ENCODE:ENCBS058XTV, ENCODE:ENCBS085GBT, ENCODE:ENCBS109IMN, ENCODE:ENCBS123YPM, ENCODE:ENCBS147REE, ENCODE:ENCBS160PDG, ENCODE:ENCBS168YHL, ENCODE:ENCBS175MAB, ENCODE:ENCBS180YAR, ENCODE:ENCBS183BXZ, ENCODE:ENCBS198NAV, ENCODE:ENCBS206XLR, ENCODE:ENCBS216ZWI, ENCODE:ENCBS222QPU, ENCODE:ENCBS239ENL, ENCODE:ENCBS258AUT, ENCODE:ENCBS264KCT, ENCODE:ENCBS282ENR, ENCODE:ENCBS289LAN, ENCODE:ENCBS291KVV, ENCODE:ENCBS291YGW, ENCODE:ENCBS307DLP, ENCODE:ENCBS320ZJJ, ENCODE:ENCBS343PSJ, ENCODE:ENCBS355XFZ, ENCODE:ENCBS356VJX, ENCODE:ENCBS361LVA, ENCODE:ENCBS382JGX, ENCODE:ENCBS410HWM, ENCODE:ENCBS427TQS, ENCODE:ENCBS430DSP, ENCODE:ENCBS437QNC,

ENCODE:ENCBS450TBB, ENCODE:ENCBS475GAU, ENCODE:ENCBS483AEE, ENCODE:ENCBS485JLN, ENCODE:ENCBS501DBP, ENCODE:ENCBS510QWA, ENCODE:ENCBS549VKG, ENCODE:ENCBS550EXK, ENCODE:ENCBS550RIA, ENCODE:ENCBS552ENG, ENCODE:ENCBS570HGS, ENCODE:ENCBS599XAS, ENCODE:ENCBS610HCG, ENCODE:ENCBS612RWZ, ENCODE:ENCBS618PRZ, ENCODE:ENCBS628PBB, ENCODE:ENCBS640HBS, ENCODE:ENCBS645OJF, ENCODE:ENCBS663YGH, ENCODE:ENCBS666UDJ, ENCODE:ENCBS678BAN, ENCODE:ENCBS690VKC, ENCODE:ENCBS693XWV, ENCODE:ENCBS696XGH, ENCODE:ENCBS727TWQ, ENCODE:ENCBS731WMM, ENCODE:ENCBS795QWY, ENCODE:ENCBS805GFV, ENCODE:ENCBS829XOI, ENCODE:ENCBS856IMY, ENCODE:ENCBS858WYB, ENCODE:ENCBS866VOG, ENCODE:ENCBS880CBQ, ENCODE:ENCBS921AAA, ENCODE:ENCBS934YGZ, ENCODE:ENCBS937EMZ, ENCODE:ENCBS937JLS, ENCODE:ENCBS955EPE, ENCODE:ENCBS980MVL, ENCODE:ENCBS991BPZ, ENCODE:ENCBS999YIX, FlyBase_Cell_line:FBtc0000150, Wikidata:Q54951886

ID: CVCL_Z831

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 S2R+.

No alerts have been found for S2R+.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 237 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Suito T, et al. (2026) Ether phospholipids modulate somatosensory responses by tuning multiple receptor functions in Drosophila. iScience, 29(4), 115209.

Capek M, et al. (2026) Coordinated molecular and physiological adaptations enable activity at sub-freezing temperatures in the snow fly Chionea alexandriana. Current biology : CB, 36(7), 1825.

Hamilton W, et al. (2026) Wolbachia uses ankyrin repeats to target specific fly proteins. mBio, 17(5), e0017226.

Ma?szycki M, et al. (2026) Nuclear speckles enable processing of RNA from GC-rich isochores. Cell, 189(7), 2024.

Lu W, et al. (2026) To Be or Not to Be an Oocyte: Msps/XMAP215 Controls Oocyte Cell Fate in the Drosophila Ovary. bioRxiv : the preprint server for biology.

Nath VR, et al. (2025) Ca2+ binding to Esyt modulates membrane contact site density in Drosophila photoreceptors. The Journal of cell biology, 224(5).

Duncalf L, et al. (2025) PNUTS:PP1 recruitment to Tox4 regulates chromosomal dispersal in Drosophila germline development. Cell reports, 44(5), 115693.

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. Science advances, 11(51), eadz9682.

Boda A, et al. (2025) The Rab7-Epg5 and Rab39-ema modules cooperatively position autophagosomes for efficient lysosomal fusions. eLife, 13.

Sutcliffe C, et al. (2025) Ovarian germline stem cell dedifferentiation is cytoneme dependent. Proceedings of the National Academy of Sciences of the United States of America, 122(35), e2426145122.

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.

Hilu-Dadia R, et al. (2025) Santa-maria is a glial phagocytic receptor that acts with SIMU to recognize and engulf apoptotic neurons. Cell reports, 44(1), 115201.

Hamilton W, et al. (2025) Wolbachia uses ankyrin repeats to target specific fly proteins. bioRxiv : the preprint server for biology.

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

Madan A, et al. (2024) Atg8/LC3 controls systemic nutrient surplus signaling in flies and humans. Current biology : CB, 34(15), 3327.

Tonelli A, et al. (2024) Protocol for detecting genomic insulators in Drosophila using insulator-seq, a massively parallel reporter assay. STAR protocols, 5(4), 103391.

Tonelli A, et al. (2024) Systematic screening of enhancer-blocking insulators in Drosophila identifies their DNA sequence determinants. Developmental cell.

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.

Lee KT, et al. (2024) Comparative interactome analysis of ?-arrestin families in human and Drosophila. eLife, 12.

Guo P, et al. (2024) PI4P-mediated solid-like Merlin condensates orchestrate Hippo pathway regulation. Science (New York, N.Y.), 385(6709), eadf4478.