

# Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

## Schneider 2

RRID:CVCL\_Z232

Type: Cell Line

### Proper Citation

RRID:CVCL\_Z232

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_Z232](https://web.expasy.org/cellosaurus/CVCL_Z232)

**Proper Citation:** RRID:CVCL\_Z232

**Description:** Cell line Schneider 2 is a Spontaneously immortalized cell line with a species of origin *Drosophila melanogaster* (Fruit fly)

**Sex:** Male

**Defining Citation:** [PMID:873048](#), [PMID:4625067](#), [PMID:8799737](#), [PMID:15038778](#), [PMID:16409117](#), [PMID:16593348](#), [PMID:17417030](#), [PMID:17890361](#), [PMID:23891577](#), [PMID:24434506](#), [PMID:33389257](#), [PMID:39052691](#)

**Comments:** Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Group: Insect cell line.

**Category:** Spontaneously immortalized cell line

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

**Name:** Schneider 2

**Synonyms:** S2, S-2, SC-2, SL-2, SL2, Line 2, Schneider's Line S2, Schneider's line 2, Schneider Line 2, Schneider L2, Schneider's *Drosophila* Line2, SCHNEIDER-2, SCHNEIDER S2, Schneider S2, *Drosophila* Line 2, D. mel. (2), D.Mel-2, D.mel-2, WR69-DM-2, WR-DM-2, Dm2, *Drosophila* line No. 2, DL2, S2-ATCC, S2-Invitrogen, S2-RIKEN, S2U

**Cross References:** BTO:BTO\_0001677, CLO:CLO\_0008922, CLO:CLO\_0008971, CLO:CLO\_0050770, EFO:EFO\_0001233, CLDB:cl4242, CLDB:cl4270, ATCC:CRL-1963, BCRC:60442, CCRID:1101INS-PUMC000516, CCTCC:GDC0138, ChEMBL-Cells:ChEMBL3308861, DSMZ:ACC-130, DSMZCellDive:ACC-130, ECACC:90070554, FlyBase\_Cell\_line:FBtc0000999, FlyBase\_Cell\_line:FBtc9000001,

FlyBase\_Cell\_line:FBtc9000006, FlyBase\_Cell\_line:FBtc9000008,  
FlyBase\_Cell\_line:FBtc9000009, FlyBase\_Cell\_line:FBtc9000011,  
FlyBase\_Cell\_line:FBtc9000068, KCB:KCB 200559YJ, Lonza:957, PRIDE:PXD001455,  
PubChem\_Cell\_line:CVCL\_Z232, RCB:RCB1153, TOKU-E:4025, Wikidata:Q7431879

**ID:** CVCL\_Z232

**Record Creation Time:** 20220427T221518+0000

**Record Last Update:** 20260815T235723+0000

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## Ratings and Alerts

No rating or validation information has been found for Schneider 2.

**Warning:** Discontinued: ECACC; 90070554

Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Group: Insect cell line.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We found 112 mentions in open access literature.

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

Kawaguchi K, et al. (2026) Linear ubiquitination triggers Amph-mediated T-tubule biogenesis. Science advances, 12(2), eady4934.

Xiao Y, et al. (2026) RNAi Regulator C3PO Promotes Arbovirus Infection in Insect Vectors. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e15869.

Itakura Y, et al. (2026) Mechanical control of the insect extracellular matrix nanostructure. Science advances, 12(1), eadw5022.

Acciani M, et al. (2026) Human neutralizing antibodies targeting the measles virus hemagglutinin and fusion surface proteins. Cell host & microbe, 34(6), 1067.

Wang M, et al. (2026) Impaired VLCFA-peroxisome-mediated intestinal epithelial repair causes gastrointestinal sequelae of long COVID. Developmental cell.

Zhang Q, et al. (2026) Uev1A counteracts oncogenic Ras stimuli in both polyploid and diploid cells. eLife, 14.

Kowalewski J, et al. (2026) Machine Learning Based Modelling of Human and Insect Olfaction Screens Millions of compounds to Identify Pleasant Smelling Insect Repellents. bioRxiv : the preprint server for biology.

Gohel P, et al. (2026) A non-transcriptional mitotic function of POU/Oct factors ensures spindle assembly and chromosome segregation. *Journal of cell science*, 139(5).

Kwon SY, et al. (2026) Combinatorial histone modifications direct ATP-dependent chromatin remodeling by NURF to promoter-proximal nucleosomes. *Nucleic acids research*, 54(10).

Pachinger C, et al. (2025) A conserved role for centriolar satellites in translation of centrosomal and ciliary proteins. *The Journal of cell biology*, 224(8).

Cheetham-Wilkinson IJ, et al. (2025) RpH-ILV: Probe for lysosomal pH and acute LLOMe-induced membrane permeabilization in cell lines and *Drosophila*. *Science advances*, 11(1), eadr7325.

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.

Li X, et al. (2025) GAF-dependent chromatin plasticity determines promoter usage to mediate locust gregarious behavior. *The EMBO journal*, 44(10), 2928.

Gujar MR, et al. (2025) Arf1 and ARFGEF2/Sec71 control neuroblast polarity by anchoring nonmuscle myosin II. *Proceedings of the National Academy of Sciences of the United States of America*, 122(15), e2419468122.

McLellan MM, et al. (2025) Meru co-ordinates spindle orientation with cell polarity and cell cycle progression. *The EMBO journal*, 44(10), 2949.

Wang Q, et al. (2025) Extracellular vesicle-mediated plant miRNA trafficking regulates viral infection in insect vector. *Cell reports*, 44(5), 115635.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. *Molecular cell*, 85(17), 3256.

Li J, et al. (2025) A regulator of amino acid sensing links lipid peroxidation and lipid droplet-dependent antioxidant response. *Molecular cell*, 85(17), 3225.

DeAngelo JD, et al. (2025) Productive mRNA chromatin escape is promoted by PRMT5 activity. *Molecular cell*, 85(21), 4016.

Wang Q, et al. (2025) The integrated stress response suppresses antiviral RNA interference by autophagy-mediated degradation of the RNA-induced silencing complex. *Proceedings of the National Academy of Sciences of the United States of America*, 122(41), e2511857122.