Resource Summary Report

Generated by dkNET on Aug 30, 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

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: 20260829T235819+0000

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.

Data and Source Information

Source: Cellosaurus

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.

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

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

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

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

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).

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.

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

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

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.

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).

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.

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

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.

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.

Kim JH, et al. (2025) Arc controls organ architecture through modulation of Crb and MyoII. The Journal of cell biology, 224(9).

Dawson LE, et al. (2025) The deubiquitylating enzyme Fat facets promotes Fat signalling and restricts tissue growth. Nature communications, 16(1), 1938.