

Resource Summary Report

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

OSC

RRID:CVCL_IY73

Type: Cell Line

Proper Citation

DGRC Cat# 288, RRID:CVCL_IY73

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_IY73

Proper Citation: DGRC Cat# 288, RRID:CVCL_IY73

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

Sex: Female

Defining Citation: [PMID:19812547](#), [PMID:24434506](#)

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

Category: Spontaneously immortalized cell line

Organism: *Drosophila melanogaster* (Fruit fly)

Name: OSC

Synonyms: Ovarian Somatic Cells

Cross References: EFO:EFO_0005834, DGRC:288, ENCODE:ENCBS251BEU, FlyBase_Cell_line:FBtc0000288, Wikidata:Q54936571

ID: CVCL_IY73

Vendor: DGRC

Catalog Number: 288

Hierarchy: cvcl_1b45

Record Creation Time: 20220427T221400+0000

Record Last Update: 20260904T015337+0000

Ratings and Alerts

No rating or validation information has been found for OSC.

No alerts have been found for OSC.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Hirakata S, et al. (2026) Transient residence of the repulsive client Shutdown in Yb bodies plays a critical role in Piwi-piRISC biogenesis and maintaining fertility. Molecular cell, 86(7), 1345.

Moritoh M, et al. (2026) Flamenco plasticity tunes somatic piRNAs and rewires isoforms, with implications for heritable transposon spread. Life science alliance, 9(7).

Portell-Montserrat J, et al. (2025) Target RNA recognition drives PIWI? complex assembly for transposon silencing. Molecular cell, 85(17), 3288.

He J, et al. (2022) piRNA-guided intron removal from pre-mRNAs regulates density-dependent reproductive strategy. Cell reports, 39(4), 110593.

Yamamoto-Matsuda H, et al. (2022) Lint-O cooperates with L(3)mbt in target gene suppression to maintain homeostasis in fly ovary and brain. EMBO reports, 23(10), e53813.

Eastwood EL, et al. (2021) Dimerisation of the PICTS complex via LC8/Cut-up drives co-transcriptional transposon silencing in Drosophila. eLife, 10.

Munafò M, et al. (2021) Channel nuclear pore complex subunits are required for transposon silencing in Drosophila. eLife, 10.