

# Resource Summary Report

Generated by [RRID](#) on Sep 8, 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](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:** 20260905T182000+0000

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## Ratings and Alerts

No rating or validation information has been found for OSC.

No alerts have been found for OSC.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

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

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.