

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

S2R+-MT::Cas9

RRID:CVCL_UD30

Type: Cell Line

Proper Citation

RRID:CVCL_UD30

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_UD30

Proper Citation: RRID:CVCL_UD30

Description: Cell line S2R+-MT::Cas9 is a Spontaneously immortalized cell line with a species of origin *Drosophila melanogaster* (Fruit fly)

Sex: Male

Defining Citation: [PMID:32958931](#)

Comments: Characteristics: Transfected with a pMT-FLAG-Cas9 construct where the expression of N-terminally FLAG-tagged Cas9 is driven by a copper-inducible metallothionein promoter (DGRC=268)., Group: Insect cell line.

Category: Spontaneously immortalized cell line

Organism: *Drosophila melanogaster* (Fruit fly)

Name: S2R+-MT::Cas9

Cross References: DGRC:268, FlyBase_Cell_line:FBtc0000268, Wikidata:Q98129282

ID: CVCL_UD30

Hierarchy: cvcl_0q79

Record Creation Time: 20220427T221513+0000

Record Last Update: 20260905T182247+0000

Ratings and Alerts

No rating or validation information has been found for S2R+-MT::Cas9.

No alerts have been found for S2R+-MT::Cas9.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Marconcini M, et al. (2026) Intersecting experimental evolution and CRISPR screens to identify novel toxin resistance loci. bioRxiv : the preprint server for biology.

Viswanatha R, et al. (2021) Bioinformatic and cell-based tools for pooled CRISPR knockout screening in mosquitos. Nature communications, 12(1), 6825.

Xia B, et al. (2020) CRISPR-based engineering of gene knockout cells by homology-directed insertion in polyploid Drosophila S2R+ cells. Nature protocols, 15(10), 3478.