

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

BmN4-SID1

RRID:CVCL_Z091

Type: Cell Line

Proper Citation

RRID:CVCL_Z091

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Z091

Proper Citation: RRID:CVCL_Z091

Description: Cell line BmN4-SID1 is a Spontaneously immortalized cell line with a species of origin Bombyx mori (Silk moth)

Sex: Female

Defining Citation: [PMID:22293577](#)

Comments: Group: Insect cell line.

Category: Spontaneously immortalized cell line

Organism: Bombyx mori (Silk moth)

Name: BmN4-SID1

Cross References: BTO:BTO_0005677, ICLDB:bmN4-sid1, Wikidata:Q54797639

ID: CVCL_Z091

Hierarchy: cvcl_z634

Record Creation Time: 20220427T215407+0000

Record Last Update: 20260830T002641+0000

Ratings and Alerts

No rating or validation information has been found for BmN4-SID1.

No alerts have been found for BmN4-SID1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Yu C, et al. (2026) Architecture and function of holocentric CENP-A-independent inner kinetochores. Science advances, 12(25), eaeb5817.

Kassamaly IT, et al. (2022) Kinesin-5 and kinesin-14 are partially antagonistic in spindle assembly in the holocentric silkworm B. mori cells. microPublication biology, 2022.

Mendel M, et al. (2021) Splice site m6A methylation prevents binding of U2AF35 to inhibit RNA splicing. Cell, 184(12), 3125.

Vanpoperinghe L, et al. (2021) Live-cell imaging reveals square shape spindles and long mitosis duration in the silkworm holocentric cells. microPublication biology, 2021.

Cortes-Silva N, et al. (2020) CenH3-Independent Kinetochore Assembly in Lepidoptera Requires CCAN, Including CENP-T. Current biology : CB, 30(4), 561.