

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

BP76

RRID:WB-STRAIN:WBStrain00003874

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003874

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003874>

Proper Citation: RRID:WB-STRAIN:WBStrain00003874

Description: Caenorhabditis elegans with name eff-1(hy21) II; jcls1 IV. from WB.

Species: Caenorhabditis elegans

Synonyms: eff-1(hy21) II; jcls1 IV.

Notes: jcls1 [ajm-1::GFP + unc-29(+) + rol-6(su1006)] IV. Temperature sensitive. Cell fusion-defective embryos, larvae and adults at 25C. Cell fusion defects are less penetrant at 15C. Egl, Unv, Pvl, Dpy and 2% Muv at 20C and 25C. Mutants have body morphological defects and bulged tails at all temperature, male tails are leptoderan. Partial sterility of hermaphrodites: brood size is 48 at 25C. ME=0. Cloned: ORF C26D10.5 encodes a type-I membrane glycoprotein with a single TM domain. ajm-1 was formerly known as jam-1 (Junction Associated Protein) and the gene encoding the antigen recognized by the monoclonal antibody MH27. jcls1 consists of pJS191, C45D3 and pRF4. Reference: Mohler WA, et al. Curr Biol. 1998 Sep 24;8(19):1087-90.

Affected Gene: WBGene00000100(ajm-1)|WBGene00001159(eff-1)

Genomic Alteration: WBGene00000100(ajm-1), WBGene00001159(eff-1)

Catalog Number: WB-STRAIN:WBStrain00003874

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:BP76, CGC_BP76

Organism Name: BP76

Record Creation Time: 20230227T013248+0000

Record Last Update: 20260725T171645+0000

Ratings and Alerts

No rating or validation information has been found for BP76.

No alerts have been found for BP76.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Funk OH, et al. (2025) Epidermal cell fusion promotes the transition from an embryonic to a larval transcriptome in *C. elegans*. *Development* (Cambridge, England), 152(24).