

Resource Summary Report

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DV2689

RRID:WB-STRAIN:WBStrain00006437

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00006437

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00006437>

Proper Citation: RRID:WB-STRAIN:WBStrain00006437

Description: *Caenorhabditis elegans* with name sec-5(pk2357)/mIn1 [dpy-10(e128) mIs14] II. from WB.

Species: *Caenorhabditis elegans*

Synonyms: sec-5(pk2357)/mIn1 [dpy-10(e128) mIs14] II.

Notes: Heterozygotes segregate wild-type GFP+ heterozygotes, GFP+ Dpy, and sec-5 homozygotes (scrawny, small broods, abnormal gut appearance) sec-5 is homozygous maternal-effect lethal; M+Z- animals produce a few dead L1-L2 stage larvae with Vab defects. Pick GFP+ wild-type to maintain. Based upon phenotype, pk2357 is a strong loss-of-function, but likely not a null allele; molecular lesion produces a premature stop at position 389. Reference: Frische EW, et al. EMBO J. 2007 Dec 12;26(24):5083-92. [NOTE: This strain was previously described as carrying pk2358, but pk2357 is the correct allele. Both pk2357 and pk2358 cause the same nonsense (amber) change.]

Affected Gene: WBGene00001072(dpy-10)|WBGene00004752(sec-5)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00004752(sec-5)

Catalog Number: WB-STRAIN:WBStrain00006437

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:DV2689, CGC_DV2689

Organism Name: DV2689

Record Creation Time: 20230227T013307+0000

Record Last Update: 20260919T180052+0000

Ratings and Alerts

No rating or validation information has been found for DV2689.

No alerts have been found for DV2689.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.