

Resource Summary Report

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KR1557

RRID:WB-STRAIN:WBStrain00023901

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00023901

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023901>

Proper Citation: RRID:WB-STRAIN:WBStrain00023901

Description: Caenorhabditis elegans with name hDf10 dpy-5(e61) unc-29(e403)/hT2 [dpy-18(h662)] I; +/-hT2 [bli-4(e937)] III. from WB.

Species: Caenorhabditis elegans

Synonyms: hDf10 dpy-5(e61) unc-29(e403)/hT2 [dpy-18(h662)] I; +/-hT2 [bli-4(e937)] III.

Notes: 1500 R gamma|"Made_by: McKim K"|"Mutagen:Gamma rays"|"Wild-type to mildly long phenotype, sometimes a bit Unc. Segregates wild-type, Dpy-18 (hT2[dpy-18 bli-4] homozygotes), hDf10 dpy-5 unc-29 homozygotes (probably dead eggs) and large numbers of aneuploids (dead eggs). dpy-18(h662) completely suppresses bli-4(e937), is only very mildly Dpy, and has a distinctive dark body and large clear vulval region as a young adult, before becoming gravid. Do not passage: hT2 homozygotes seem somewhat healthier than the het, and will overgrow the plate. Pick longish wild-types and check for correct segregation of progeny to maintain. This strain was generated by the Genetic Toolkit project, which should be acknowledged in any publications resulting from its use: The Genetic Toolkit is funded by the NIH National Center for Research Resources (NCRR) (USA) to Ann M. Rose, David L. Baillie, and Donald L. Riddle. Report all experimental results to Ann Rose."

Affected Gene: WBGene00000254(bli-4)|WBGene00001067(dpy-5)|WBGene00001077(dpy-18)|WBGene00006765(unc-29)

Genomic Alteration: WBGene00000254(bli-4), WBGene00001067(dpy-5), WBGene00001077(dpy-18), WBGene00006765(unc-29)

Catalog Number: WB-STRAIN:WBStrain00023901

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:8349107](#)

Alternate IDs: WB-STRAIN:KR1557, CGC_KR1557

Organism Name: KR1557

Record Creation Time: 20230227T013519+0000

Record Last Update: 20260725T172118+0000

Ratings and Alerts

No rating or validation information has been found for KR1557.

No alerts have been found for KR1557.

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](#) .

Pierzcha??a-Koziec K, et al. (2025) Metabolic Shifts Induced by Treatment with Statin Influences Circulating Concentrations of the Stress Hormone, Cortisol, but Has Different Effects on Selected Cytokines, Adipokines and Neuropeptides in Lean and Fat Lines of Young Pigs. *Metabolites*, 15(12).