

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

[rab-5\(udn14\)/tmC18 \[dpy-5\(tmIs1200\)\] I.](#)

RRID:WB-STRAIN:WBStrain00050604

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00050604

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00050604>

Proper Citation: RRID:WB-STRAIN:WBStrain00050604

Description: Caenorhabditis elegans with name rab-5(udn14)/tmC18 [dpy-5(tmIs1200)] I. from WB.

Species: Caenorhabditis elegans

Synonyms: rab-5(udn14)/tmC18 [dpy-5(tmIs1200)] I.

Notes: Made_by: UDN Screening Center|"Must be maintained at >20 degrees; grows better at 25C. Homozygous lethal rab-5 [D135H] mutation balanced by tmC18. Balancer marked with myo-2p::Venus. Heterozygotes are WT with pharyngeal Venus fluorescence, and segregate Venus+ heterozygotes, non-Venus rab-5[D135H] homozygotes (L1 lethal), and Dpy Venus+ tmC18 homozygotes. Pick fertile wild-type Venus+ to maintain. Silent BstAPI site added in D135H for genotyping ease. Heterozygous rab-5[D135H] animals are small and have decreased locomotion. Reference: Huang et al. 2022. PMID: 35121658|"|[2022-03-09T03:06:44.75Z WBPersn324] New Strain: rab-5(udn14)/tmC18[dpy5(tmIs1200[myo-2p::Venus])] I|"|[2022-03-09T03:28:46.878Z WBPersn324] Strain: WBPaper00062455; Genotype: rab-5(udn14)/tmC18[dpy5(tmIs1200[myo-2p::Venus])] I"

Affected Gene: WBGene00001067(dpy-5)|WBGene00004268(rab-5)

Genomic Alteration: WBGene00001067(dpy-5), WBGene00004268(rab-5)

Catalog Number: WB-STRAIN:WBStrain00050604

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:35121658](#)

Organism Name: rab-5(udn14)/tmC18 [dpy-5(tmIs1200)] I.

Record Creation Time: 20230227T013841+0000

Record Last Update: 20260808T171829+0000

Ratings and Alerts

No rating or validation information has been found for rab-5(udn14)/tmC18 [dpy-5(tmIs1200)] I..

No alerts have been found for rab-5(udn14)/tmC18 [dpy-5(tmIs1200)] I..

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.