

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[DgkbTn\(sb-lacZ/GFP\)IR3.1Jtak/DgkbTn\(sb-lacZ/GFP\)IR3.1Jtak](#)

RRID:MGI:4837002

Type: Organism

Proper Citation

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Organism Information

URL:

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Description: Allele Detail: Transposon induced This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transposon induced This is a legacy resource.

Phenotype: abnormal synapse morphology, abnormal long term spatial reference memory, reduced long term potentiation, abnormal spatial working memory, abnormal lipid level, abnormal hippocampus neuron morphology

Affected Gene: Dgkb

Genomic Alteration: Tn(sb-lacZ, GFP)IR3.1Jtak

Catalog Number: 4837002

Background: involves: C3H * C57BL/6 * DBA/2 * ICR

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20657643](#)

Organism Name: DgkbTn(sb-lacZ/GFP)IR3.1Jtak/DgkbTn(sb-lacZ/GFP)IR3.1Jtak

Record Creation Time: 20240120T190243+0000

Record Last Update: 20240130T201813+0000

Ratings and Alerts

No rating or validation information has been found for Dgkb^{Tn(sb-lacZ/GFP)IR3.1Jtak}/Dgkb^{Tn(sb-lacZ/GFP)IR3.1Jtak}.

No alerts have been found for Dgkb^{Tn(sb-lacZ/GFP)IR3.1Jtak}/Dgkb^{Tn(sb-lacZ/GFP)IR3.1Jtak}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.