

# Resource Summary Report

Generated by [Kravitz](#) on Sep 15, 2026

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

RRID:MGI:4837002

Type: Organism

## Proper Citation

RRID:MGI:4837002

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4837002

**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

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## Ratings and Alerts

No rating or validation information has been found for Dgkb<sup>Tn(sb-lacZ/GFP)IR3.1Jtak</sup>/Dgkb<sup>Tn(sb-lacZ/GFP)IR3.1Jtak</sup>.

No alerts have been found for Dgkb<sup>Tn(sb-lacZ/GFP)IR3.1Jtak</sup>/Dgkb<sup>Tn(sb-lacZ/GFP)IR3.1Jtak</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.