

# Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Doc2b<sup>tm1Aljg</sup>/Doc2b<sup>tm1Aljg</sup>; Doc2a<sup>tm1Ytk</sup>/Doc2a<sup>tm1Ytk</sup>](#)

RRID:MGI:4440457  
Type: Organism

## Proper Citation

RRID:MGI:4440457

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4440457

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal miniature excitatory postsynaptic currents, decreased neurotransmitter release

**Affected Gene:** Doc2a, Doc2b

**Genomic Alteration:** tm1Ytk, tm1Aljg

**Catalog Number:** 4440457

**Background:** involves: 129P2/OlaHsd \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:20150444](#)

**Organism Name:** Doc2b<sup>tm1Aljg</sup>/Doc2b<sup>tm1Aljg</sup>; Doc2a<sup>tm1Ytk</sup>/Doc2a<sup>tm1Ytk</sup>

**Record Creation Time:** 20240120T190303+0000

**Record Last Update:** 20240130T201824+0000

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## Ratings and Alerts

No rating or validation information has been found for Doc2b<sup>tm1Aljg</sup>/Doc2b<sup>tm1Aljg</sup>; Doc2a<sup>tm1Ytk</sup>/Doc2a<sup>tm1Ytk</sup>.

No alerts have been found for Doc2b<sup>tm1Aljg</sup>/Doc2b<sup>tm1Aljg</sup>; Doc2a<sup>tm1Ytk</sup>/Doc2a<sup>tm1Ytk</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.