

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 4, 2025

## B6.Cg-Dbh<sup>tm3.2(cre)</sup>Pjen/J

RRID:IMSR\_JAX:033951

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:033951

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### Organism Information

**URL:** <https://www.jax.org/strain/033951>

**Proper Citation:** RRID:IMSR\_JAX:033951

**Description:** Mus musculus with name B6.Cg-Dbh<sup>tm3.2(cre)</sup>Pjen/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: dopamine beta hydroxylase; mutant strain|congenic strain: Dbh

**Affected Gene:** dopamine beta hydroxylase

**Genomic Alteration:** targeted mutation 3.2; Patricia Jensen

**Catalog Number:** JAX:033951

**Database:** International Mouse Resource Center IMSR, JAX

**Database Abbreviation:** IMSR

**Availability:** live

**Alternate IDs:** IMSR\_JAX:33951

**Organism Name:** B6.Cg-Dbh<sup>tm3.2(cre)</sup>Pjen/J

**Record Creation Time:** 20230509T193342+0000

**Record Last Update:** 20240104T175238+0000

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### Ratings and Alerts

No rating or validation information has been found for B6.Cg-Dbh<sup>tm3.2(cre)Pjen/J</sup>.

No alerts have been found for B6.Cg-Dbh<sup>tm3.2(cre)Pjen/J</sup>.

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## Data and Source Information

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

**Source Database:** International Mouse Resource Center IMSR, JAX

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Pagiazitis JG, et al. (2025) Catecholaminergic dysfunction drives postural and locomotor deficits in a mouse model of spinal muscular atrophy. *Cell reports*, 44(1), 115147.

Liu YA, et al. (2024) Phase synchrony between prefrontal noradrenergic and cholinergic signals indexes inhibitory control. *bioRxiv : the preprint server for biology*.

Wang T, et al. (2024) Conditional c-MYC activation in catecholaminergic cells drives distinct neuroendocrine tumors: neuroblastoma vs somatostatinoma. *bioRxiv : the preprint server for biology*.

Lou Q, et al. (2024) A noradrenergic pathway for the induction of pain by sleep loss. *Current biology : CB*, 34(12), 2644.

Choi M, et al. (2023) FGF21 counteracts alcohol intoxication by activating the noradrenergic nervous system. *Cell metabolism*, 35(3), 429.

Collins L, et al. (2023) Cholinergic and noradrenergic axonal activity contains a behavioral-state signal that is coordinated across the dorsal cortex. *eLife*, 12.

Collins L, et al. (2021) Vagus nerve stimulation induces widespread cortical and behavioral activation. *Current biology : CB*, 31(10), 2088.