

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Ppp1r1b^{tm5.1Pggd}/Ppp1r1b^{tm5.1Pggd}; Tg\(Drd2-cre\)ER44Gsat; Tg\(Drd2-EGFP\)S118Gsat](#)

RRID:MGI:4830460

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4830460

Description: Allele Detail: Transgenic, Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic, Targeted This is a legacy resource.

Phenotype: reduced long term potentiation, hyperactivity, enhanced behavioral response to cocaine, impaired behavioral response to xenobiotic

Affected Gene: Ppp1r1b

Genomic Alteration: tm5.1Pggd, Tg(Drd2-cre)ER44Gsat, Tg(Drd2-EGFP)S118Gsat

Catalog Number: 4830460

Background: involves: C57BL/6 * FVB/N * FVB/NTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20682746](#)

Organism Name: Ppp1r1b^{tm5.1Pggd}/Ppp1r1b^{tm5.1Pggd}; Tg(Drd2-cre)ER44Gsat; Tg(Drd2-EGFP)S118Gsat

Record Creation Time: 20240120T190246+0000

Ratings and Alerts

No rating or validation information has been found for Ppp1r1b^{tm5.1Pggd}/Ppp1r1b^{tm5.1Pggd}; Tg(Drd2-cre)ER44Gsat; Tg(Drd2-EGFP)S118Gsat.

No alerts have been found for Ppp1r1b^{tm5.1Pggd}/Ppp1r1b^{tm5.1Pggd}; Tg(Drd2-cre)ER44Gsat; Tg(Drd2-EGFP)S118Gsat.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

White KA, et al. (2019) Glutamatergic Neurons in the Piriform Cortex Influence the Activity of D1- and D2-Type Receptor-Expressing Olfactory Tubercle Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(48), 9546.