

# Resource Summary Report

Generated by [kravitz2](#) on Aug 19, 2026

[Plat<sup>tm1Mlg</sup>/Plat<sup>tm1Mlg</sup>](#)

RRID:MGI:3526398

Type: Organism

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## Proper Citation

RRID:MGI:3526398

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3526398

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

**Species:** Mus musculus

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

**Phenotype:** chronic joint inflammation, abnormal acute phase protein level, abnormal cytokine level, arthritis, joint swelling, absent long term depression, reduced thrombolysis, decreased anxiety-related response, impaired synaptic plasticity, increased circulating corticosterone level, decreased vertical activity, abnormal contextual conditioning behavior, decreased exploration in new environment, reduced long term potentiation, decreased dopamine level, impaired conditioned place preference behavior, impaired behavioral response to morphine, muscle phenotype, decreased anxiety-related response, impaired synaptic plasticity, increased circulating corticosterone level, abnormal active avoidance behavior, abnormal cued conditioning behavior, behavior/neurological phenotype, abnormal motor learning

**Affected Gene:** Plat

**Genomic Alteration:** tm1Mlg

**Catalog Number:** 3526398

**Background:** B6.Cg-Plat

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:15522965](#), [PMID:11238111](#), [PMID:12917371](#),  
[PMID:12524546](#), [PMID:10762331](#), [PMID:10961882](#), [PMID:11891190](#), [PMID:14988509](#)

**Organism Name:** Plat<sup>tm1Mlg</sup>/Plat<sup>tm1Mlg</sup>

**Record Creation Time:** 20240120T190641+0000

**Record Last Update:** 20240130T202028+0000

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## Ratings and Alerts

No rating or validation information has been found for Plat<sup>tm1Mlg</sup>/Plat<sup>tm1Mlg</sup>.

No alerts have been found for Plat<sup>tm1Mlg</sup>/Plat<sup>tm1Mlg</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.