

# Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

## 129S6.129P2(B6)-Gucy1b2<sup>tm2Mom</sup>/MomJ

RRID:IMSR\_JAX:021844

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:021844

### Organism Information

**URL:** <https://www.jax.org/strain/021844>

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**Description:** Mus musculus with name 129S6.129P2(B6)-Gucy1b2<sup>tm2Mom</sup>/MomJ from IMSR.

**Species:** Mus musculus

**Synonyms:** 129S6-Gucy1b2-KO

**Notes:** gene symbol note: |guanylate cyclase 1; soluble; beta 2; mutant strain|congenic strain: |Gucy1b2

**Affected Gene:** |guanylate cyclase 1; soluble; beta 2

**Genomic Alteration:** targeted mutation 2; Peter Mombaerts

**Catalog Number:** JAX:021844

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** 129S6.129P2(B6)-Gucy1b2<sup>tm2Mom</sup>/MomJ

**Record Creation Time:** 20250513T053744+0000

**Record Last Update:** 20260829T045046+0000

### Ratings and Alerts

No rating or validation information has been found for 129S6.129P2(B6)-Gucy1b2<sup>tm2Mom</sup>/MomJ.

No alerts have been found for 129S6.129P2(B6)-Gucy1b2<sup>tm2Mom</sup>/MomJ.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Koike K, et al. (2021) Danger perception and stress response through an olfactory sensor for the bacterial metabolite hydrogen sulfide. Neuron, 109(15), 2469.