

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

B6;129P2-Gucy1b2^{tm3Mom}/MomJ

RRID:IMSR_JAX:021063

Type: Organism

Proper Citation

RRID:IMSR_JAX:021063

Organism Information

URL: <https://www.jax.org/strain/021063>

Proper Citation: RRID:IMSR_JAX:021063

Description: Mus musculus with name B6;129P2-Gucy1b2^{tm3Mom}/MomJ from IMSR.

Species: Mus musculus

Synonyms: Gucy1b2-IRES-tauGFP

Notes: gene symbol note: |guanylate cyclase 1; soluble; beta 2; mutant stock: |Gucy1b2

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

Genomic Alteration: targeted mutation 3; Peter Mombaerts

Catalog Number: JAX:021063

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Gucy1b2^{tm3Mom}/MomJ

Record Creation Time: 20250513T053742+0000

Record Last Update: 20260912T060527+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Gucy1b2^{tm3Mom}/MomJ.

No alerts have been found for B6;129P2-Gucy1b2^{tm3Mom}/MomJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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