

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

129S6.129P2(B6)-Gucy1b2^{tm2Mom}/MomJ

RRID:IMSR_JAX:021844

Type: Organism

Proper Citation

RRID:IMSR_JAX:021844

Organism Information

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

Proper Citation: RRID:IMSR_JAX:021844

Description: Mus musculus with name 129S6.129P2(B6)-Gucy1b2^{tm2Mom}/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^{tm2Mom}/MomJ

Record Creation Time: 20250513T053744+0000

Record Last Update: 20260815T050656+0000

Ratings and Alerts

No rating or validation information has been found for 129S6.129P2(B6)-Gucy1b2^{tm2Mom}/MomJ.

No alerts have been found for 129S6.129P2(B6)-Gucy1b2^{tm2Mom}/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.