

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

B6N.129(Cg)-Homer1^{tm1Mhd}/PfwJ

RRID:IMSR_JAX:023312

Type: Organism

Proper Citation

RRID:IMSR_JAX:023312

Organism Information

URL: <https://www.jax.org/strain/023312>

Proper Citation: RRID:IMSR_JAX:023312

Description: Mus musculus with name B6N.129(Cg)-Homer1^{tm1Mhd}/PfwJ from IMSR.

Species: Mus musculus

Synonyms: B6.129(Cg)-Homer1/PfwJ

Notes: gene symbol note: homer scaffolding protein 1; mutant strain|congenic strain: Homer1

Affected Gene: homer scaffolding protein 1

Genomic Alteration: targeted mutation 1; Marlin H Dehoff

Catalog Number: JAX:023312

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129(Cg)-Homer1^{tm1Mhd}/PfwJ

Record Creation Time: 20250513T053747+0000

Record Last Update: 20260815T050659+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129(Cg)-Homer1^{tm1Mhd}/PfwJ.

No alerts have been found for B6N.129(Cg)-Homer1^{tm1Mhd}/PfwJ.

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](#) .

Lin R, et al. (2021) Homer1a regulates Shank3 expression and underlies behavioral vulnerability to stress in a model of Phelan-McDermid syndrome. Cell reports, 37(7), 110014.