

Resource Summary Report

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

B6;129S5-Gpc4^{tm1Lex}/Mmucd

RRID:MMRRC_032331-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032331-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32331

Proper Citation: RRID:MMRRC_032331-UCD

Description: Mus musculus with name B6;129S5-Gpc4^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: Genentech

Phenotype: anemia [MP:0001577]

Affected Gene: Gpc4

Catalog Number: 032331-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32331-UCD, MMRRC_032331, MMRRC_32331

Organism Name: B6;129S5-Gpc4^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055128+0000

Record Last Update: 20260912T134800+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Gpc4*^{tm1Lex}/Mmucd.

No alerts have been found for B6;129S5-*Gpc4*^{tm1Lex}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Dowling C, et al. (2018) Mice Lacking Glypican 4 Display Juvenile Hyperactivity and Adult Social Interaction Deficits. *Brain plasticity* (Amsterdam, Netherlands), 4(2), 197.

Farhy-Tselnicker I, et al. (2017) Astrocyte-Secreted Glypican 4 Regulates Release of Neuronal Pentraxin 1 from Axons to Induce Functional Synapse Formation. *Neuron*, 96(2), 428.