

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

B6N;129S5-Fgf21^{tm1Lex}/Mmucd

RRID:MMRRC_032306-UCD

Type: Organism

Proper Citation

RRID:MMRRC_032306-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32306

Proper Citation: RRID:MMRRC_032306-UCD

Description: Mus musculus with name B6N;129S5-Fgf21^{tm1Lex}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal white adipose tissue physiology [MP:0005670]] decreased physiological sensitivity to xenobiotic [MP:0008874]] abnormal brown adipose tissue physiology [MP:0011698]] abnormal brown adipose tissue thermogenesis [MP:0011699]

Affected Gene: Fgf21

Catalog Number: 032306-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20562862](#)

Alternate IDs: MMRRC_32306-UCD, MMRRC_032306, MMRRC_3236

Organism Name: B6N;129S5-Fgf21^{tm1Lex}/Mmucd

Record Creation Time: 20230308T055127+0000

Record Last Update: 20260912T134759+0000

Ratings and Alerts

No rating or validation information has been found for B6N;129S5-*Fgf21*^{tm1Lex}/Mmucd.

No alerts have been found for B6N;129S5-*Fgf21*^{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](#) .

Patel S, et al. (2022) Combined genetic deletion of GDF15 and FGF21 has modest effects on body weight, hepatic steatosis and insulin resistance in high fat fed mice. *Molecular metabolism*, 65, 101589.

Ferrer-Curriu G, et al. (2021) The protective effect of fibroblast growth factor-21 in alcoholic cardiomyopathy: a role in protecting cardiac mitochondrial function. *The Journal of pathology*, 253(2), 198.