# **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on Apr 27, 2024

# B6N.129S5(B6)-Gpc6<sup>tm1Lex</sup>/Mmucd

RRID:MMRRC\_032333-UCD Type: Organism

#### **Proper Citation**

RRID:MMRRC\_032333-UCD

**Organism Information** 

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc\_id=32333

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**Description:** Mus musculus with name B6N.129S5(B6)-*Gpc6<sup>tm1Lex/</sup>*Mmucd from MMRRC.

Species: Mus musculus

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

**Phenotype:** cleft palate [MP:0000111]| short tibia [MP:0002764]| short fibula [MP:0002765]| short femur [MP:0003109]| abnormal long bone epiphyseal plate proliferative zone [MP:0003662]| abnormal long bone diaphysis morphology [MP:0004214]| decreased length of long bones [MP:0004686]| absent nasal septum [MP:0004872]| small cranium [MP:0005352]| decreased fetal weight [MP:0009431]| neonatal lethality [MP:0011087]| complete penetrance [MP:0014101]| decreased chondrocyte proliferation [MP:0030190]

Affected Gene: Gpc6

Catalog Number: 032333-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:20562862, PMID:28696225

Organism Name: B6N.129S5(B6)-Gpc6<sup>tm1Lex</sup>/Mmucd

## **Ratings and Alerts**

No rating or validation information has been found for B6N.129S5(B6)-*Gpc6<sup>tm1Lex</sup>*/Mmucd.

No alerts have been found for B6N.129S5(B6)-Gpc6<sup>tm1Lex</sup>/Mmucd.

### Data and Source Information

Source: Integrated Animals

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

#### **Usage and Citation Metrics**

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Shi W, et al. (2022) Glypican-6 and Glypican-4 stimulate embryonic stomach growth by regulating Hedgehog and noncanonical Wnt signaling. Developmental dynamics : an official publication of the American Association of Anatomists, 251(12), 2015.