

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Pcgf2^{tm1Hko}/Pcgf2^{tm1Hko}](#); [Bmi1^{tm1Brn}/Bmi1^{tm1Brn}](#)

RRID:MGI:3577619

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3577619

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal optic eminence morphology, abnormal first pharyngeal arch morphology, abnormal second pharyngeal arch morphology, embryonic growth arrest, abnormal somatic mesoderm morphology, abnormal brain morphology, split notochord, hindbrain hypoplasia, abnormal neural tube morphology, abnormal notochord morphology, abnormal dorsal aorta morphology, abnormal somite development, abnormal cervical atlas morphology, abnormal tail bud morphology, increased neural tube apoptosis, small notochord, cervical vertebral transformation, embryonic lethality during organogenesis, complete penetrance

Affected Gene: Bmi1, Pcgf2

Genomic Alteration: tm1Brn, tm1Hko

Catalog Number: 3577619

Background: involves: 129P2/OlaHsd * 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11290297](#)

Organism Name: Pcgf2^{tm1Hko}/Pcgf2^{tm1Hko}; Bmi1^{tm1Brn}/Bmi1^{tm1Brn}

Record Creation Time: 20240120T190633+0000

Record Last Update: 20240130T202024+0000

Ratings and Alerts

No rating or validation information has been found for Pcgf2^{tm1Hko}/Pcgf2^{tm1Hko}; Bmi1^{tm1Brn}/Bmi1^{tm1Brn}.

No alerts have been found for Pcgf2^{tm1Hko}/Pcgf2^{tm1Hko}; Bmi1^{tm1Brn}/Bmi1^{tm1Brn}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.