

# Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

## B6.129S4(Cg)-Bmpr2<sup>tm1.1Enl</sup>/Mmnc

RRID:MMRRC\_029883-UNC

Type: Organism

### Proper Citation

RRID:MMRRC\_029883-UNC

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=29883](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29883)

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**Description:** Mus musculus with name B6.129S4(Cg)-Bmpr2<sup>tm1.1Enl</sup>/Mmnc from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cancer, Cardiovascular, Developmental Biology, Metabolism, Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** heart right ventricle hypertrophy [MP:0000276]| abnormal pulmonary artery morphology [MP:0000484]| no abnormal phenotype detected [MP:0002169]| pulmonary hypertension [MP:0003548]| abnormal lung vasculature morphology [MP:0004007]| increased pulmonary artery pressure [MP:0004012]| abnormal thrombosis [MP:0005048]| abnormal vascular smooth muscle physiology [MP:0005595]| artery occlusion [MP:0006134]| abnormal ophthalmic nerve morphology [MP:0009798]| increased lung endothelial cell proliferation [MP:0011139]

**Affected Gene:** Bmpr2

**Catalog Number:** 029883-UNC

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:15736264](#)

**Alternate IDs:** MMRRC\_29883-UNC, MMRRC\_029883, MMRRC\_29883

**Organism Name:** B6.129S4(Cg)-*Bmpr2*<sup>tm1.1Enl</sup>/Mmnc

**Record Creation Time:** 20230308T055117+0000

**Record Last Update:** 20260801T124204+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.129S4(Cg)-*Bmpr2*<sup>tm1.1Enl</sup>/Mmnc.

No alerts have been found for B6.129S4(Cg)-*Bmpr2*<sup>tm1.1Enl</sup>/Mmnc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

West JD, et al. (2019) Adverse effects of BMPR2 suppression in macrophages in animal models of pulmonary hypertension. Pulmonary circulation, 10(1), 2045894019856483.