

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

[Bmp15^{tm1a}\(EUCOMM\)Hmgu](#)

RRID:IMSR_EUMMCR:10596

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:10596

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:10596

Description: Mus musculus with name Bmp15^{tm1a}(EUCOMM)Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: bone morphogenetic protein 15; mutant strain: Bmp15

Affected Gene: bone morphogenetic protein 15

Genomic Alteration: targeted mutation 1a; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EUMMCR:10596

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Bmp15^{tm1a}(EUCOMM)Hmgu

Record Creation Time: 20250513T061542+0000

Record Last Update: 20260725T052230+0000

Ratings and Alerts

No rating or validation information has been found for Bmp15^{tm1a}(EUCOMM)Hmgu.

No alerts have been found for Bmp15^{tm1a}(EUCOMM)Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Shah P, et al. (2016) Angiopoetin-2 Signals Do Not Mediate the Hypervascularization of Islets in Type 2 Diabetes. PloS one, 11(9), e0161834.

Ye R, et al. (2016) Autonomous interconversion between adult pancreatic β -cells and α -cells after differential metabolic challenges. Molecular metabolism, 5(7), 437.

Golson ML, et al. (2015) Activation of FoxM1 Revitalizes the Replicative Potential of Aged β -Cells in Male Mice and Enhances Insulin Secretion. Diabetes, 64(11), 3829.

Egerod KL, et al. (2011) β -Cell Specific Overexpression of GPR39 Protects against Streptozotocin-Induced Hyperglycemia. International journal of endocrinology, 2011, 401258.

Hu He KH, et al. (2011) In vivo conditional Pax4 overexpression in mature islet β -cells prevents stress-induced hyperglycemia in mice. Diabetes, 60(6), 1705.