

Resource Summary Report

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

STOCK Tg(tetO-Pax4*R129W.-DsRed)1Brgr/Cnbc

RRID:IMSR_EM:10596

Type: Organism

Proper Citation

RRID:IMSR_EM:10596

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=10596>

Proper Citation: RRID:IMSR_EM:10596

Description: Mus musculus with name STOCK Tg(tetO-Pax4*R129W.-DsRed)1Brgr/Cnbc from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Benoit R Gauthier; mutant strain: Tg(tetO-Pax4*R129W;-DsRed)1Brgr

Affected Gene: transgene insertion 1; Benoit R Gauthier

Genomic Alteration: transgene insertion 1; Benoit R Gauthier

Catalog Number: EM:10596

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Organism Name: STOCK Tg(tetO-Pax4*R129W.-DsRed)1Brgr/Cnbc

Record Creation Time: 20250513T062300+0000

Record Last Update: 20260725T053029+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(tetO-Pax4**R129W*.-DsRed)*1Brgr/Cnbc*.

No alerts have been found for STOCK Tg(tetO-Pax4**R129W*.-DsRed)*1Brgr/Cnbc*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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 β -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.