

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 19, 2026

B6.129S4-Gjb1^{tm1Kwi}/Cnrm

RRID:IMSR_EM:00243

Type: Organism

Proper Citation

RRID:IMSR_EM:00243

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=243>

Proper Citation: RRID:IMSR_EM:00243

Description: Mus musculus with name B6.129S4-Gjb1^{tm1Kwi}/Cnrm from IMSR.

Species: Mus musculus

Synonyms: B6.129S4-Gjb1/lbcm. Cx32 KO

Notes: gene symbol note: gap junction protein; beta 1; mutant strain: Gjb1

Affected Gene: gap junction protein; beta 1

Genomic Alteration: targeted mutation 1; Klaus Willecke

Catalog Number: EM:00243

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.129S4-Gjb1^{tm1Kwi}/Cnrm

Record Creation Time: 20250513T062207+0000

Record Last Update: 20260919T064117+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Gjb1^{tm1Kwi}/Cnrm.

No alerts have been found for B6.129S4-Gjb1^{tm1Kwi}/Cnrm.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chen Z, et al. (2020) Connexin32 ameliorates renal fibrosis in diabetic mice by promoting K48-linked NADPH oxidase 4 polyubiquitination and degradation. British journal of pharmacology, 177(1), 145.