Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

B6.129S6-*Egfr*^{tm1Dwt}/Mmnc

RRID:MMRRC_031765-UNC
Type: Organism

Proper Citation

RRID:MMRRC_031765-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31765

Proper Citation: RRID:MMRRC_031765-UNC

Description: Mus musculus with name B6.129S6-*Egfr*^{tm1Dwt}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cardiovascular, Cell Biology, Dermatology, Developmental Biology, Diabetes, Immunology and Inflammation, Internal/Organ, Metabolism, Models for Human Disease, Neurobiology, Reproduction, Virology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal hair follicle morphology [MP:0000377]| waved hair [MP:0000410]| decreased embryo size [MP:0001698]| placental labyrinth hypoplasia [MP:0001715]| abnormal placenta labyrinth morphology [MP:0001716]| abnormal spongiotrophoblast layer morphology [MP:0004255]

Affected Gene: Egfr

Catalog Number: 031765-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:19115345

Alternate IDs: MMRRC_31765-UNC, MMRRC_031765, MMRRC_31765

Organism Name: B6.129S6-*Egfr*^{tm1Dwt}/Mmnc

Record Creation Time: 20230308T055125+0000

Record Last Update: 20250419T223931+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-*Egfr*^{tm1Dwt}/Mmnc.

No alerts have been found for B6.129S6-*Egfr*^{tm1Dwt}/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Bano S, et al. (2024) Hepatocyte-specific Epidermal Growth Factor Receptor Deletion Promotes Fibrosis but has no Effect on Steatosis in Fast-food Diet Model of Metabolic Dysfunction-associated Steatotic Liver Disease. Cellular and molecular gastroenterology and hepatology, 18(4), 101380.

Okyere AD, et al. (2023) Myeloid cell-specific deletion of epidermal growth factor receptor aggravates acute cardiac injury. Clinical science (London, England : 1979), 137(19), 1513.

Guo S, et al. (2022) Epidermal growth factor receptor-dependent maintenance of cardiac contractility. Cardiovascular research, 118(5), 1276.

Hoyer FF, et al. (2020) Bone Marrow Endothelial Cells Regulate Myelopoiesis in Diabetes Mellitus. Circulation, 142(3), 244.

Hoyer FF, et al. (2019) Tissue-Specific Macrophage Responses to Remote Injury Impact the Outcome of Subsequent Local Immune Challenge. Immunity, 51(5), 899.