

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

STOCK *Egfr^{tm1Rdk}/Mmucd*

RRID:MMRRC_037646-UCD

Type: Organism

Proper Citation

RRID:MMRRC_037646-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37646

Proper Citation: RRID:MMRRC_037646-UCD

Description: Mus musculus with name STOCK *Egfr^{tm1Rdk}/Mmucd* from MMRRC.

Species: Mus musculus

Notes: Research areas: Dermatology, Developmental Biology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: short mandible [MP:0000088] cleft palate [MP:0000111] pointed snout [MP:0000448] abnormal intestine morphology [MP:0000477] abnormal tongue epithelium morphology [MP:0000764] atelectasis [MP:0001177] thick pulmonary interalveolar septum [MP:0001179] flaky skin [MP:0001195] thin epidermis [MP:0001218] abnormal epidermis stratum basale morphology [MP:0001231] abnormal epidermis stratum granulosum morphology [MP:0001239] weight loss [MP:0001263] decreased body size [MP:0001265] curly vibrissae [MP:0001274] eyelids open at birth [MP:0001302] fused cornea and lens [MP:0001307] cyanosis [MP:0001575] abnormal intestinal absorption [MP:0001666] decreased embryo size [MP:0001698] abnormal pancreas morphology [MP:0001944] respiratory failure [MP:0001953] respiratory distress [MP:0001954] abnormal hair growth [MP:0002073] abnormal outer ear morphology [MP:0002177] abnormal bronchus morphology [MP:0002264] abnormal terminal bronchiole morphology [MP:0002268] abnormal pulmonary alveolus morphology [MP:0002270] abnormal type II pneumocyte morphology [MP:0002275] abnormal lung interstitium morphology [MP:0002276] increased heart rate [MP:0002626] abnormal hair follicle development [MP:0003704] dry skin [MP:0003853] decreased fetal size [MP:0004200] small pancreas [MP:0004247] small placenta [MP:0004259] abnormal pancreatic beta cell morphology [MP:0005217] abnormal exocrine pancreas morphology [MP:0005220] dilated terminal bronchiole tubes [MP:0006026] impaired lung alveolus development [MP:0006027] petechiae [MP:0008816] hematoma [MP:0008817] disorganized pancreatic islets [MP:0009254] abnormal skin appearance [MP:0009931] dilated respiratory conducting

tubes [MP:0010856]| decreased alveolar lamellar body number [MP:0010890]| abnormal pulmonary interalveolar septum morphology [MP:0010900]| abnormal pulmonary acinus morphology [MP:0010911]| abnormal branching involved in lung morphogenesis [MP:0011024]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011108]| embryonic lethality during organogenesis [MP:0013542]| incomplete penetrance [MP:0030026]

Affected Gene: Egfr

Catalog Number: 037646-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:7630400](#)

Alternate IDs: MMRRC_37646-UCD, MMRRC_037646, MMRRC_37646

Organism Name: STOCK *Egfr^{tm1Rdk}/Mmucd*

Record Creation Time: 20230308T055152+0000

Record Last Update: 20260808T124121+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Egfr^{tm1Rdk}/Mmucd*.

No alerts have been found for STOCK *Egfr^{tm1Rdk}/Mmucd*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.