

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

B6;129X1-*Itga8*^{tm1Lfr}/Mmucd

RRID:MMRRC_000193-UCD

Type: Organism

Proper Citation

RRID:MMRRC_000193-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=193

Proper Citation: RRID:MMRRC_000193-UCD

Description: Mus musculus with name B6;129X1-*Itga8*^{tm1Lfr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Models for Human Disease, Neurobiology, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: absent kidney [MP:0000520]| abnormal kidney development [MP:0000527]| abnormal ureter morphology [MP:0000534]| abnormal spatial learning [MP:0001463]| reduced long term potentiation [MP:0001473]| abnormal motor coordination/balance [MP:0001516]| abnormal kidney morphology [MP:0002135]| small kidney [MP:0002989]| abnormal cell migration [MP:0003091]| abnormal pulmonary elastic fiber morphology [MP:0003209]| abnormal cell adhesion [MP:0003566]| single kidney [MP:0003604]| abnormal ureter development [MP:0003672]| absent ureter [MP:0003722]| abnormal vestibular hair cell stereociliary bundle morphology [MP:0004515]| fused vestibular hair cell stereocilia [MP:0004516]| decreased vestibular hair cell stereocilia number [MP:0004517]| impaired branching involved in ureteric bud morphogenesis [MP:0004936]| adhesive atelectasis [MP:0010818]| abnormal lung saccule morphology [MP:0010825]| dilated respiratory conducting tubes [MP:0010856]| fused right lung lobes [MP:0010977]| abnormal ureteric bud invasion [MP:0010983]| impaired lung lobe morphogenesis [MP:0011011]| abnormal branching involved in lung morphogenesis [MP:0011024]| postnatal lethality [MP:0011086]

Affected Gene: *Itga8*

Catalog Number: 000193-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9054500](#)

Alternate IDs: MMRRC_193-UCD, MMRRC_000193, MMRRC_193

Organism Name: B6;129X1-*Itga8*^{tm1Lfr}/Mmucd

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260801T123211+0000

Ratings and Alerts

No rating or validation information has been found for B6;129X1-*Itga8*^{tm1Lfr}/Mmucd.

No alerts have been found for B6;129X1-*Itga8*^{tm1Lfr}/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.