

# Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

## STOCK *Itgb8<sup>tm1Lfr</sup>/Mmucd*

RRID:MMRRC\_000194-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_000194-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=194](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=194)

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**Description:** Mus musculus with name STOCK *Itgb8<sup>tm1Lfr</sup>/Mmucd* from MMRRC.

**Species:** Mus musculus

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

**Phenotype:** cleft palate [MP:0000111]| abnormal angiogenesis [MP:0000260]| failure of vascular branching [MP:0000264]| abnormal heart morphology [MP:0000266]| absent floor plate [MP:0000926]| abnormal cardiovascular system physiology [MP:0001544]| abnormal blood vessel morphology [MP:0001614]| decreased embryo size [MP:0001698]| abnormal placenta morphology [MP:0001711]| abnormal visceral yolk sac morphology [MP:0001718]| pale yolk sac [MP:0001722]| hydroencephaly [MP:0001891]| intracranial hemorrhage [MP:0001915]| intracerebral hemorrhage [MP:0001916]| abnormal extraembryonic tissue morphology [MP:0002086]| no abnormal phenotype detected [MP:0002169]| abnormal astrocyte morphology [MP:0002182]| abnormal chorioallantoic fusion [MP:0002824]| impaired basement membrane formation [MP:0003044]| abnormal vitelline vasculature morphology [MP:0003229]| abnormal placenta vasculature [MP:0003231]| abnormal radial glial cell morphology [MP:0003648]| abnormal capillary morphology [MP:0003658]| abnormal embryonic/fetal subventricular zone morphology [MP:0004274]| abnormal brain vasculature morphology [MP:0004950]| hemopericardium [MP:0005244]| abnormal heart ventricle morphology [MP:0005294]| abnormal vascular endothelial cell morphology [MP:0006055]| increased vascular endothelial cell number [MP:0006056]| abnormal placental labyrinth vasculature morphology [MP:0008803]| palatal shelves fail to meet at midline [MP:0009888]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011108]| embryonic lethality during organogenesis [MP:0011380]| incomplete penetrance [MP:0011523]| enlarged brain ventricles [MP:0012501]

**Affected Gene:** Itgb8

**Catalog Number:** 000194-UCD

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:12050137](#)

**Alternate IDs:** MMRRC\_194-UCD, MMRRC\_000194, MMRRC\_194

**Organism Name:** STOCK *Itgb8<sup>tm1Lfr</sup>*/Mmucd

**Record Creation Time:** 20230308T054751+0000

**Record Last Update:** 20260905T110213+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK *Itgb8<sup>tm1Lfr</sup>*/Mmucd.

No alerts have been found for STOCK *Itgb8<sup>tm1Lfr</sup>*/Mmucd.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.