

Resource Summary Report

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FVB.129S4(B6)-Hif1a^{tm1Jhu}/CkaMmjax

RRID:MMRRC_037489-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037489-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37489

Proper Citation: RRID:MMRRC_037489-JAX

Description: Mus musculus with name FVB.129S4(B6)-Hif1a^{tm1Jhu}/CkaMmjax from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal vascular development [MP:0000259]| abnormal heart tube morphology [MP:0000270]| abnormal pericardium morphology [MP:0000288]| open neural tube [MP:0000929]| abnormal blood vessel morphology [MP:0001614]| incomplete somite formation [MP:0001689]| embryonic growth arrest [MP:0001730]| disorganized myocardium [MP:0002190]| dilated dorsal aorta [MP:0004068]| abnormal dorsal aorta morphology [MP:0004787]| abnormal heart ventricle morphology [MP:0005294]| pericardial effusion [MP:0005312]| abnormal myocardium layer morphology [MP:0005329]| increased apoptosis [MP:0006042]| abnormal cardiac outflow tract development [MP:0006126]| embryonic lethality during organogenesis [MP:0011098]| complete penetrance [MP:0011260]| abnormal head mesenchyme morphology [MP:0012253]| abnormal intersomitic vessel morphology [MP:0012265]| increased hindbrain size [MP:0012492]| pharyngeal arch artery hypoplasia [MP:0012493]| absent pharyngeal arch arteries [MP:0012501]

Affected Gene: Hif1a

Catalog Number: 037489-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9436976](#)

Alternate IDs: MMRRC_37489-JAX, MMRRC_037489, MMRRC_37489

Organism Name: FVB.129S4(B6)-*Hif1a*^{tm1Jhu}/CkaMmjax

Record Creation Time: 20230308T055151+0000

Record Last Update: 20260815T124845+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129S4(B6)-*Hif1a*^{tm1Jhu}/CkaMmjax.

No alerts have been found for FVB.129S4(B6)-*Hif1a*^{tm1Jhu}/CkaMmjax.

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.