

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

STOCK *Fgf8^{tm1.3Mrt}/Mmucd*

RRID:MMRRC_011202-UCD

Type: Organism

Proper Citation

RRID:MMRRC_011202-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11202

Proper Citation: RRID:MMRRC_011202-UCD

Description: Mus musculus with name STOCK *Fgf8^{tm1.3Mrt}/Mmucd* from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal heart morphology [MP:0000266]| abnormal heart development [MP:0000267]| abnormal heart tube morphology [MP:0000270]| double outlet right ventricle [MP:0000284]| abnormal craniofacial morphology [MP:0000428]| abnormal maxilla morphology [MP:0000455]| abnormal mandible morphology [MP:0000458]| abnormal kidney development [MP:0000527]| absent radius [MP:0000553]| oligodactyly [MP:0000565]| abnormal thymus morphology [MP:0000703]| small thymus [MP:0000706]| abnormal substantia nigra morphology [MP:0000836]| small cerebellum [MP:0000852]| abnormal midbrain morphology [MP:0000897]| abnormal rhombomere morphology [MP:0000933]| abnormal trigeminal nerve morphology [MP:0001065]| abnormal eyelid morphology [MP:0001340]| postnatal growth retardation [MP:0001732]| abnormal cardiovascular system morphology [MP:0002127]| abnormal neural tube morphology [MP:0002151]| abnormal reproductive system morphology [MP:0002160]| no abnormal phenotype detected [MP:0002169]| persistent truncus arteriosus [MP:0002633]| dilated heart left ventricle [MP:0002753]| abnormal pharyngeal arch morphology [MP:0002884]| dilated heart atrium [MP:0003140]| abnormal pillar cell differentiation [MP:0003152]| increased neuron apoptosis [MP:0003203]| abnormal forebrain development [MP:0003232]| abnormal cochlear sensory epithelium morphology [MP:0003308]| kidney failure [MP:0003606]| abnormal pillar cell morphology [MP:0003825]| abnormal forelimb stylopod morphology [MP:0003854]| abnormal forelimb zeugopod morphology [MP:0003855]| abnormal hindlimb stylopod morphology [MP:0003856]| abnormal hindlimb zeugopod morphology [MP:0003857]| absent heart right ventricle [MP:0003872]|

pharyngeal arch hypoplasia [MP:0003873] abnormal serotonergic neuron morphology [MP:0003877] absent molars [MP:0003931] abnormal craniofacial development [MP:0003935] aortic dissection [MP:0004044] polysyndactyly [MP:0004083] transposition of great arteries [MP:0004110] abnormal aortic arch morphology [MP:0004113] interrupted aortic arch [MP:0004157] cervical aortic arch [MP:0004161] absent pillar cells [MP:0004312] absent incus [MP:0004318] absent Meckel's cartilage [MP:0004439] small limb buds [MP:0004575] decreased mitotic index [MP:0004759] abnormal Raphe nucleus morphology [MP:0004861] impaired branching involved in ureteric bud morphogenesis [MP:0004936] abnormal vascular smooth muscle morphology [MP:0005592] abnormal limb bud morphology [MP:0005650] abnormal ureteric bud morphology [MP:0006032] increased apoptosis [MP:0006042] abnormal cardiac outflow tract development [MP:0006126] abnormal limb development [MP:0006279] abnormal digit development [MP:0006280] abnormal patterning of the organ of Corti [MP:0006331] small first pharyngeal arch [MP:0006341] fused tarsal bones [MP:0008919] abnormal neural crest cell morphology [MP:0009845] decreased tongue size [MP:0009907] atrial septal defect [MP:0010403] perimembraneous ventricular septal defect [MP:0010418] neonatal lethality [MP:0011087] complete penetrance [MP:0011089] perinatal lethality [MP:0011090] complete penetrance [MP:0011098] perinatal lethality [MP:0011262] incomplete penetrance [MP:0011354] embryonic lethality during organogenesis [MP:0011368] complete penetrance [MP:0011448] abnormal pharyngeal arch mesenchyme morphology [MP:0012179] absent renal glomerulus [MP:0012730] increased kidney apoptosis [MP:0014044]

Affected Gene: Fgf8

Catalog Number: 011202-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9462741](#), [PMID:10601039](#), [PMID:11101846](#)

Alternate IDs: MMRRC_11202-UCD, MMRRC_011202, MMRRC_1122

Organism Name: STOCK *Fgf8^{tm1.3Mrt}*/Mmucd

Record Creation Time: 20230308T054909+0000

Record Last Update: 20260801T123543+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Fgf8^{tm1.3Mrt}*/Mmucd.

No alerts have been found for STOCK *Fgf8^{tm1.3Mrt}*/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.