

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

[Fgf8^{tm1Mrc}/Fgf8^{tm1Moon}; Hoxa3^{tm1\(cre\)Moon}/Hoxa3⁺](#)

RRID:MGI:2686877

Type: Organism

Proper Citation

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Organism Information

URL:

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Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: neonatal lethality, incomplete penetrance, abnormal coronary vessel morphology, thymus hypoplasia, abnormal fourth pharyngeal arch artery morphology, enlarged third pharyngeal arch artery, parathyroid hypoplasia, absent parathyroid glands, ectopic parathyroid gland, abnormal parathyroid gland morphology, bicuspid aortic valve, abnormal pharyngeal arch artery morphology, abnormal neural crest cell apoptosis, abnormal truncus arteriosus septation, ectopic thymus

Affected Gene: Hoxa3, Fgf8

Genomic Alteration: tm1Moon, tm1Mrc, tm1(cre)Moon

Catalog Number: 2686877

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14623825](#)

Organism Name: Fgf8^{tm1Mrc}/Fgf8^{tm1Moon}; Hoxa3^{tm1(cre)Moon}/Hoxa3⁺

Record Creation Time: 20240120T190715+0000

Record Last Update: 20240130T202048+0000

Ratings and Alerts

No rating or validation information has been found for Fgf8^{tm1Mrc}/Fgf8^{tm1Moon}; Hoxa3^{tm1(cre)Moon}/Hoxa3⁺.

No alerts have been found for Fgf8^{tm1Mrc}/Fgf8^{tm1Moon}; Hoxa3^{tm1(cre)Moon}/Hoxa3⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.