

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Tfap2a^{tm1}\(cre\)Moon/Tfap2a⁺; Fgf8^{tm1}Mrc/Fgf8^{tm2}Mrc](#)

RRID:MGI:2686873

Type: Organism

Proper Citation

RRID:MGI:2686873

Organism Information

URL:

Proper Citation: RRID:MGI:2686873

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

Species: Mus musculus

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

Phenotype: abnormal subclavian artery morphology, abnormal neural crest cell apoptosis, abnormal coronary artery morphology, abnormal fourth pharyngeal arch artery morphology, fourth pharyngeal arch artery hypoplasia, absent fourth pharyngeal arch artery, abnormal pharyngeal arch artery morphology, absent sixth pharyngeal arch artery, enlarged third pharyngeal arch artery, interrupted aortic arch, retroesophageal right subclavian artery, right aortic arch, abnormal blood vessel morphology, abnormal craniofacial morphology, pharyngeal arch hypoplasia, postnatal lethality, complete penetrance, prenatal lethality, incomplete penetrance

Affected Gene: Tfap2a, Fgf8

Genomic Alteration: tm1(cre)Moon, tm1Mrc, tm2Mrc

Catalog Number: 2686873

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: Tfap2a^{tm1(cre)Moon}/Tfap2a⁺; Fgf8^{tm1Mrc}/Fgf8^{tm2Mrc}

Record Creation Time: 20240120T190716+0000

Record Last Update: 20240130T202122+0000

Ratings and Alerts

No rating or validation information has been found for Tfap2a^{tm1(cre)Moon}/Tfap2a⁺; Fgf8^{tm1Mrc}/Fgf8^{tm2Mrc}.

No alerts have been found for Tfap2a^{tm1(cre)Moon}/Tfap2a⁺; Fgf8^{tm1Mrc}/Fgf8^{tm2Mrc}.

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.