

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Tfap2a<sup>tm1</sup>\(cre\)Moon/Tfap2a<sup>+</sup>; Fgf8<sup>tm1</sup>Mrc/Fgf8<sup>tm2</sup>Mrc](#)

RRID:MGI:2686873

Type: Organism

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## Proper Citation

RRID:MGI:2686873

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## 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<sup>tm1(cre)Moon</sup>/Tfap2a<sup>+</sup>; Fgf8<sup>tm1Mrc</sup>/Fgf8<sup>tm2Mrc</sup>

**Record Creation Time:** 20240120T190716+0000

**Record Last Update:** 20240130T202122+0000

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## Ratings and Alerts

No rating or validation information has been found for Tfap2a<sup>tm1(cre)Moon</sup>/Tfap2a<sup>+</sup>; Fgf8<sup>tm1Mrc</sup>/Fgf8<sup>tm2Mrc</sup>.

No alerts have been found for Tfap2a<sup>tm1(cre)Moon</sup>/Tfap2a<sup>+</sup>; Fgf8<sup>tm1Mrc</sup>/Fgf8<sup>tm2Mrc</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.