

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[Tfap2c^{tm1Will}](#)/[Tfap2c^{tm1Will}](#)

RRID:MGI:3617863

Type: Organism

Proper Citation

RRID:MGI:3617863

Organism Information

URL:

Proper Citation: RRID:MGI:3617863

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

Species: Mus musculus

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

Phenotype: abnormal embryonic-extraembryonic boundary morphology, failure of primitive streak formation, disorganized extraembryonic tissue, embryonic lethality between implantation and somite formation, incomplete penetrance, abnormal developmental patterning, disorganized embryonic tissue, absent mesoderm, abnormal mesoderm development, small embryonic epiblast, absent allantois, abnormal Reichert's membrane morphology, abnormal dorsal-ventral axis patterning, absent ectoplacental cone, small ectoplacental cone, abnormal embryonic tissue morphology, absent ectoplacental cavity, abnormal extraembryonic ectoderm morphology, decreased trophoblast giant cell number, failure to gastrulate, abnormal extraembryonic coelom morphology, abnormal extraembryonic tissue morphology, embryonic growth retardation, embryonic lethality during organogenesis, complete penetrance

Affected Gene: Tfap2c

Genomic Alteration: tm1Will

Catalog Number: 3617863

Background: involves: 129S1/Sv * Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12015300](#)

Organism Name: Tfap2c^{tm1Will}/Tfap2c^{tm1Will}

Record Creation Time: 20240120T190606+0000

Record Last Update: 20240130T202009+0000

Ratings and Alerts

No rating or validation information has been found for Tfap2c^{tm1Will}/Tfap2c^{tm1Will}.

No alerts have been found for Tfap2c^{tm1Will}/Tfap2c^{tm1Will}.

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.