

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Atr^{tm1Ofc}](#)/[Atr^{tm1Ofc}](#)

RRID:MGI:4355020

Type: Organism

Proper Citation

RRID:MGI:4355020

Organism Information

URL:

Proper Citation: RRID:MGI:4355020

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

Species: Mus musculus

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

Phenotype: decreased brain size, kyphosis, decreased brain weight, decreased liver weight, abnormal fontanelle morphology, abnormal head shape, abnormal hematopoietic stem cell morphology, abnormal nose morphology, increased cellular sensitivity to methylmethanesulfonate, increased apoptosis, early cellular replicative senescence, increased cellular sensitivity to ultraviolet irradiation, abnormal oogenesis, pancytopenia, abnormal primary ovarian follicle morphology, sloping forehead, abnormal placenta morphology, premature aging, premature death, prenatal lethality, incomplete penetrance, proportional dwarf, small thoracic cavity, spontaneous chromosome breakage, decreased spleen weight, cachexia, abnormal coat/hair pigmentation, abnormal head size, decreased hair follicle number, increased fibroblast apoptosis, thin epidermis, abnormal cranial suture morphology, decreased body length, decreased body weight, abnormal bone marrow morphology, abnormal astrocyte morphology, osteoporosis, micrognathia, microcephaly, malocclusion, abnormal DNA replication, decreased bone marrow cell number, absent corpus callosum, abnormal brain morphology, decreased thymus weight, decreased lung weight, absent oocytes, abnormal cell cycle, decreased testis weight, decreased ovary weight

Affected Gene: Atr

Genomic Alteration: tm1Ofc

Catalog Number: 4355020

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19620979](#)

Organism Name: Atr^{tm1Ofc}/Atr^{tm1Ofc}

Record Creation Time: 20240120T190328+0000

Record Last Update: 20240130T201837+0000

Ratings and Alerts

No rating or validation information has been found for Atr^{tm1Ofc}/Atr^{tm1Ofc}.

No alerts have been found for Atr^{tm1Ofc}/Atr^{tm1Ofc}.

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.