

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Dyrk1a^{tm1Mla}/Dyrk1a⁺](#)

RRID:MGI:3613564

Type: Organism

Proper Citation

RRID:MGI:3613564

Organism Information

URL:

Proper Citation: RRID:MGI:3613564

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

Species: Mus musculus

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

Phenotype: small tectum, decreased brain size, decreased heart weight, decreased superior colliculus size, decreased hindbrain size, decreased brain weight, decreased body weight, postnatal lethality, incomplete penetrance, microcephaly, abnormal cerebral cortex pyramidal cell morphology, abnormal premotor cortex morphology, decreased midbrain size, decreased body size, decreased body length, decreased liver weight

Affected Gene: Dyrk1a

Genomic Alteration: tm1Mla

Catalog Number: 3613564

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12192061](#), [PMID:16137572](#)

Organism Name: Dyrk1a^{tm1Mla}/Dyrk1a⁺

Record Creation Time: 20240120T190609+0000

Record Last Update: 20240130T202010+0000

Ratings and Alerts

No rating or validation information has been found for Dyrk1a^{tm1Mla}/Dyrk1a⁺.

No alerts have been found for Dyrk1a^{tm1Mla}/Dyrk1a⁺.

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.