

Resource Summary Report

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

Otc^{spf}

RRID:MGI:3850111

Type: Organism

Proper Citation

RRID:MGI:3850111

Organism Information

URL:

Proper Citation: RRID:MGI:3850111

Description: Allele Detail: Radiation induced This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Radiation induced This is a legacy resource.

Phenotype: decreased ornithine carbamoyltransferase activity, decreased brain size, abnormal liver morphology, decreased ornithine level, decreased ornithine carbamoyltransferase activity, hyperactivity, abnormal cerebral cortex pyramidal cell morphology, abnormal amino acid level, oroticaciduria, abnormal circulating amino acid level, orotic acid urinary bladder stones, enlarged brain ventricles, sparse hair, hyperactivity, decreased body size, alopecia, abnormal sleep behavior, abnormal circulating amino acid level, abnormal nucleotide metabolism, increased circulating ammonia level, abnormal dendrite morphology, abnormal brain morphology

Affected Gene: Otc

Genomic Alteration: spf

Catalog Number: 3850111

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9630607](#), [PMID:7828023](#), [PMID:7707692](#), [PMID:1627360](#)

Organism Name: Otc^{spf}

Record Creation Time: 20240120T190334+0000

Record Last Update: 20240130T201841+0000

Ratings and Alerts

No rating or validation information has been found for Otc^{spf}.

No alerts have been found for Otc^{spf}.

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.