

# Resource Summary Report

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

## [Mapk8ip3<sup>tm1Plhn</sup>/Mapk8ip3<sup>tm1Plhn</sup>](#)

RRID:MGI:3528180

Type: Organism

### Proper Citation

RRID:MGI:3528180

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3528180

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

**Species:** Mus musculus

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

**Phenotype:** increased optic chiasm size, abnormal cortical marginal zone morphology, abnormal hippocampal fimbria morphology, abnormal hippocampus morphology, abnormal parietal lobe morphology, abnormal anterior commissure morphology, enlarged brain ventricles, abnormal axon guidance, abnormal telencephalon development, abnormal anterior commissure pars posterior morphology, increased hippocampal fornix size, abnormal diencephalon morphology, abnormal corpus callosum morphology, abnormal frontal lobe morphology, abnormal anterior commissure pars anterior morphology, abnormal telencephalon morphology, abnormal cerebral cortex pyramidal cell morphology, abnormal cerebral cortex morphology, thin cortical plate, abnormal thalamus morphology, neonatal lethality, complete penetrance, abnormal CNS glial cell morphology, abnormal subplate morphology, respiratory failure, abnormal neuronal migration, abnormal optic tract morphology, cyanosis

**Affected Gene:** Mapk8ip3

**Genomic Alteration:** tm1Plhn

**Catalog Number:** 3528180

**Background:** involves: 129S4/SvJae \* C57BL/6J

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15572149](#)

**Organism Name:** Mapk8ip3<sup>tm1Plhn</sup>/Mapk8ip3<sup>tm1Plhn</sup>

**Record Creation Time:** 20240120T190638+0000

**Record Last Update:** 20240130T202027+0000

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## Ratings and Alerts

No rating or validation information has been found for Mapk8ip3<sup>tm1Plhn</sup>/Mapk8ip3<sup>tm1Plhn</sup>.

No alerts have been found for Mapk8ip3<sup>tm1Plhn</sup>/Mapk8ip3<sup>tm1Plhn</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.