

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Vax1<sup>tm1Grl</sup>](#)/[Vax1<sup>tm1Grl</sup>](#)

RRID:MGI:3487228

Type: Organism

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## Proper Citation

RRID:MGI:3487228

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3487228

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

**Species:** Mus musculus

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

**Phenotype:** abnormal rostral migratory stream morphology, coloboma, abnormal optic nerve innervation, abnormal ependyma morphology, abnormal olfactory bulb development, abnormal optic nerve morphology, abnormal axon guidance, abnormal neuron differentiation, neonatal lethality, incomplete penetrance, abnormal postnatal subventricular zone morphology, cleft palate, abnormal eye development, abnormal lateral ganglionic eminence morphology, abnormal olfactory bulb morphology, absent corpus callosum

**Affected Gene:** Vax1

**Genomic Alteration:** tm1Grl

**Catalog Number:** 3487228

**Background:** involves: 129S1/Sv \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:10601035](#), [PMID:15590934](#)

**Organism Name:** Vax1<sup>tm1Grl</sup>/Vax1<sup>tm1Grl</sup>

**Record Creation Time:** 20240120T190647+0000

**Record Last Update:** 20240130T202032+0000

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## Ratings and Alerts

No rating or validation information has been found for Vax1<sup>tm1Grl</sup>/Vax1<sup>tm1Grl</sup>.

No alerts have been found for Vax1<sup>tm1Grl</sup>/Vax1<sup>tm1Grl</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.