

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

[Comt<sup>tm1Kara</sup>/Comt<sup>tm1Kara</sup>](#)

RRID:MGI:3697681

Type: Organism

## Proper Citation

RRID:MGI:3697681

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3697681

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

**Species:** Mus musculus

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

**Phenotype:** abnormal maternal decidual layer morphology, increased dopamine level, increased uterine NK cell number, short gestation period, abnormal homeostasis, abnormal spongiotrophoblast layer morphology, increased anxiety-related response, abnormal renal glomerulus morphology, hypertension, abnormal pregnancy, abnormal placenta vasculature, hypoxia, abnormal placenta morphology, albuminuria, abnormal blood homeostasis, abnormal fertility/fecundity, increased interferon-gamma secretion

**Affected Gene:** Comt

**Genomic Alteration:** tm1Kara

**Catalog Number:** 3697681

**Background:** involves: 129S4/SvJaeSor

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:18469803](#), [PMID:9707588](#)

**Organism Name:** Comt<sup>tm1Kara</sup>/Comt<sup>tm1Kara</sup>

**Record Creation Time:** 20240120T190532+0000

**Record Last Update:** 20240130T201949+0000

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## Ratings and Alerts

No rating or validation information has been found for Comt<sup>tm1Kara</sup>/Comt<sup>tm1Kara</sup>.

No alerts have been found for Comt<sup>tm1Kara</sup>/Comt<sup>tm1Kara</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.