

# Resource Summary Report

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

## NOD.Cg-Tg(Vil1-cre)1000Gum/J

RRID:IMSR\_JAX:024842

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:024842

### Organism Information

**URL:** <https://www.jax.org/strain/024842>

**Proper Citation:** RRID:IMSR\_JAX:024842

**Description:** Mus musculus with name NOD.Cg-Tg(Vil1-cre)1000Gum/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: |transgene insertion 1000; Deborah L Gumucio|villin 1; mutant stock: |Tg(Vil1-cre)1000Gum|Vil1

**Affected Gene:** |transgene insertion 1000; Deborah L Gumucio|villin 1

**Genomic Alteration:** transgene insertion 1000; Deborah L Gumucio

**Catalog Number:** JAX:024842

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** NOD.Cg-Tg(Vil1-cre)1000Gum/J

**Record Creation Time:** 20250513T053752+0000

**Record Last Update:** 20260725T044459+0000

### Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Tg(Vil1-cre)1000Gum/J.

No alerts have been found for NOD.Cg-Tg(Vil1-cre)1000Gum/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [SPARC SAWG](#) .

Cotton JL, et al. (2022) PTEN and LKB1 are differentially required in Gli1-expressing mesenchymal cells to suppress gastrointestinal polyposis. Cell reports, 40(3), 111125.

Li Q, et al. (2020) Lats1/2 Sustain Intestinal Stem Cells and Wnt Activation through TEAD-Dependent and Independent Transcription. Cell stem cell, 26(5), 675.

Cotton JL, et al. (2017) YAP/TAZ and Hedgehog Coordinate Growth and Patterning in Gastrointestinal Mesenchyme. Developmental cell, 43(1), 35.