

Resource Summary Report

Generated by SPARC SAWG on Jul 30, 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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

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.