

# Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

## B6N.Cg-Tg(Vil1-cre)997Gum/J

RRID:IMSR\_JAX:018963

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:018963

### Organism Information

**URL:** <https://www.jax.org/strain/018963>

**Proper Citation:** RRID:IMSR\_JAX:018963

**Description:** Mus musculus with name B6N.Cg-Tg(Vil1-cre)997Gum/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6N.Cg-Tg(Vil1-cre)997Gum/J

**Notes:** gene symbol note: |villin 1|transgene insertion 997; Deborah L Gumucio; mutant strain|congenic strain: |Vil1|Tg(Vil1-cre)997Gum

**Affected Gene:** |villin 1|transgene insertion 997; Deborah L Gumucio

**Genomic Alteration:** transgene insertion 997; Deborah L Gumucio

**Catalog Number:** JAX:018963

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6N.Cg-Tg(Vil1-cre)997Gum/J

**Record Creation Time:** 20250513T053739+0000

**Record Last Update:** 20260912T060525+0000

### Ratings and Alerts

No rating or validation information has been found for B6N.Cg-Tg(Vil1-cre)997Gum/J.

**Warning:** Warning. Researchers have noted that this genotype does not sufficiently model human hemochromatosis type 1.

---

## 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 [kravitz2](#) .

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. Cancer cell, 42(8), 1415.

Dopeso H, et al. (2024) RhoA downregulation in the murine intestinal epithelium results in chronic Wnt activation and increased tumorigenesis. iScience, 27(4), 109400.

Yang D, et al. (2022) Nociceptor neurons direct goblet cells via a CGRP-RAMP1 axis to drive mucus production and gut barrier protection. Cell, 185(22), 4190.