

Resource Summary Report

Generated by [nidm-terms](#) on Jul 30, 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(Vil-cre)997Gum/J

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

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

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: 20260725T044447+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 [nidm-terms](#) .

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.