

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

129S(FVB)-Men1^{tm1.2Ctre/J}

RRID:IMSR_JAX:005109

Type: Organism

Proper Citation

RRID:IMSR_JAX:005109

Organism Information

URL: <https://www.jax.org/strain/005109>

Proper Citation: RRID:IMSR_JAX:005109

Description: Mus musculus with name 129S(FVB)-Men1^{tm1.2Ctre/J} from IMSR.

Species: Mus musculus

Synonyms: 129S(FVB)-Men1/J

Notes: gene symbol note: multiple endocrine neoplasia 1; mutant strain: Men1

Affected Gene: multiple endocrine neoplasia 1

Genomic Alteration: targeted mutation 1.2; Judy S Crabtree

Catalog Number: JAX:005109

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: 129S(FVB)-Men1^{tm1.2Ctre/J}

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260725T044358+0000

Ratings and Alerts

No rating or validation information has been found for 129S(FVB)-Men1^{tm1.2Ctre/J}.

No alerts have been found for 129S(FVB)-Men1^{tm1.2Ctre/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhu X, et al. (2025) Menin orchestrates macrophage reprogramming to maintain the pulmonary immune homeostasis. Cell reports, 44(1), 115219.

Duan S, et al. (2023) Clinically Defined Mutations in MEN1 Alter Its Tumor-suppressive Function Through Increased Menin Turnover. Cancer research communications, 3(7), 1318.

Duan S, et al. (2022) GFAP-directed Inactivation of Men1 Exploits Glial Cell Plasticity in Favor of Neuroendocrine Reprogramming. Cellular and molecular gastroenterology and hepatology, 14(5), 1025.

Wong C, et al. (2020) Two well-differentiated pancreatic neuroendocrine tumor mouse models. Cell death and differentiation, 27(1), 269.

Leng L, et al. (2018) Menin Deficiency Leads to Depressive-like Behaviors in Mice by Modulating Astrocyte-Mediated Neuroinflammation. Neuron, 100(3), 551.

Lines KE, et al. (2017) Epigenetic pathway inhibitors represent potential drugs for treating pancreatic and bronchial neuroendocrine tumors. Oncogenesis, 6(5), e332.