

Resource Summary Report

Generated by [RRID](#) on Jul 29, 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.