

Resource Summary Report

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

129S/Sv-Ret^{tm1Cos}/J

RRID:IMSR_JAX:009085

Type: Organism

Proper Citation

RRID:IMSR_JAX:009085

Organism Information

URL: <https://www.jax.org/strain/009085>

Proper Citation: RRID:IMSR_JAX:009085

Description: Mus musculus with name 129S/Sv-Ret^{tm1Cos}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: ret proto-oncogene; mutant strain: Ret

Affected Gene: ret proto-oncogene

Genomic Alteration: targeted mutation 1; Frank Costantini

Catalog Number: JAX:009085

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129S/Sv-Ret^{tm1Cos}/J

Record Creation Time: 20250513T053713+0000

Record Last Update: 20260912T060458+0000

Ratings and Alerts

No rating or validation information has been found for 129S/Sv-Ret^{tm1Cos}/J.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human multiple endocrine neoplasia type 2B.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human pheochromocytoma.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Yu Q, et al. (2021) Mesenteric Neural Crest Cells Are the Embryological Basis of Skip Segment Hirschsprung's Disease. Cellular and molecular gastroenterology and hepatology, 12(1), 1.