

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

FVB;129S1-*Ret*^{tm3Cos}/Mmucd

RRID:MMRRC_036721-UCD

Type: Organism

Proper Citation

RRID:MMRRC_036721-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36721

Proper Citation: RRID:MMRRC_036721-UCD

Description: Mus musculus with name FVB;129S1-*Ret*^{tm3Cos}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Internal/Organ, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal colon morphology [MP:0000495]| abnormal enteric ganglia morphology [MP:0001045]| abnormal enteric neuron morphology [MP:0001046]| absent enteric neurons [MP:0001048]| abnormal enzyme/coenzyme activity [MP:0005584]| abnormal enteric neural crest cell morphology [MP:0013001]| abnormal enteric neural crest cell migration [MP:0013006]

Affected Gene: Ret

Catalog Number: 036721-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:17050626](#), [PMID:20616061](#)

Alternate IDs: MMRRC_36721-UCD, MMRRC_036721, MMRRC_36721

Organism Name: FVB;129S1-*Ret*^{tm3Cos}/Mmucd

Record Creation Time: 20230308T055147+0000

Record Last Update: 20260912T134845+0000

Ratings and Alerts

No rating or validation information has been found for FVB;129S1-*Ret*^{tm3Cos}/Mmucd.

No alerts have been found for FVB;129S1-*Ret*^{tm3Cos}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.