

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

C57BL/6N-*Rspo1*^{tm1.1(KOMP)}*Vl*^{cg}/MbpMmucd

RRID:MMRRC_049521-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049521-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49521

Proper Citation: RRID:MMRRC_049521-UCD

Description: Mus musculus with name C57BL/6N-*Rspo1*^{tm1.1(KOMP)}*Vl*^{cg}/MbpMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: deletion ; Collection: KOMP

Phenotype: abnormal testis morphology [MP:0001146]| small testis [MP:0001147]| female infertility [MP:0001926]| abnormal seminal vesicle morphology [MP:0002059]| abnormal vibrissa morphology [MP:0002098]| abnormal kidney morphology [MP:0002135]| decreased circulating insulin level [MP:0002727]| increased lean body mass [MP:0003960]| decreased circulating serum albumin level [MP:0005419]| decreased circulating total protein level [MP:0005567]| decreased total body fat amount [MP:0010025]| increased grip strength [MP:0010052]| increased bone mineral content [MP:0010123]

Affected Gene: *Rspo1*

Catalog Number: 049521-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_49521-UCD, MMRRC_049521, MMRRC_49521

Organism Name: C57BL/6N-*Rspo1*^{tm1.1(KOMP)}*Vl*^{cg}/MbpMmucd

Record Creation Time: 20230308T055305+0000

Record Last Update: 20260905T111151+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Rspo1*^{tm1.1(KOMP)}*Vl*^{cg}/MbpMmucd.

No alerts have been found for C57BL/6N-*Rspo1*^{tm1.1(KOMP)}*Vl*^{cg}/MbpMmucd.

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.