

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

C57BL/6N-Sem1^{tm1.2Smta}

RRID:IMSR_RBRC10581

Type: Organism

Proper Citation

RRID:IMSR_RBRC10581

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10581>

Proper Citation: RRID:IMSR_RBRC10581

Description: Mus musculus with name C57BL/6N-Sem1^{tm1.2Smta} from IMSR.

Species: Mus musculus

Notes: gene symbol note: SEM1; 26S proteasome complex subunit; mutant strain: Sem1

Affected Gene: SEM1; 26S proteasome complex subunit

Genomic Alteration: targeted mutation 1.2; Shigeo Murata

Catalog Number: RBRC10581

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6N-Sem1^{tm1.2Smta}

Record Creation Time: 20250513T061523+0000

Record Last Update: 20260801T055010+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Sem1^{tm1.2Smta}.

No alerts have been found for C57BL/6N-Sem1^{tm1.2Smta}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.