

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

B6.129P2(129S4)-Ago2^{tm1.1Tara/J}

RRID:IMSR_JAX:016520

Type: Organism

Proper Citation

RRID:IMSR_JAX:016520

Organism Information

URL: <https://www.jax.org/strain/016520>

Proper Citation: RRID:IMSR_JAX:016520

Description: Mus musculus with name B6.129P2(129S4)-Ago2^{tm1.1Tara/J} from IMSR.

Species: Mus musculus

Synonyms: B6.129P2-Eif2c2/J. B6.129P2(129S4)-Eif2c2/J

Notes: gene symbol note: argonaute RISC catalytic subunit 2; mutant strain|congenic strain: Ago2

Affected Gene: argonaute RISC catalytic subunit 2

Genomic Alteration: targeted mutation 1.1; Alexander Tarakhovsky

Catalog Number: JAX:016520

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2(129S4)-Ago2^{tm1.1Tara/J}

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260815T050644+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(129S4)-Ago2^{tm1.1Tara/J}.

No alerts have been found for B6.129P2(129S4)-Ago2^{tm1.1Tara/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Griffin KN, et al. (2022) Widespread association of the Argonaute protein AGO2 with meiotic chromatin suggests a distinct nuclear function in mammalian male reproduction. *Genome research*, 32(9), 1655.

Tien JC, et al. (2021) AGO2 promotes tumor progression in KRAS-driven mouse models of non-small cell lung cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 118(20).