

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

B6(129S4)-Tg(SYN1-icre/mRFP1)9934Rdav/J

RRID:IMSR_JAX:012687

Type: Organism

Proper Citation

RRID:IMSR_JAX:012687

Organism Information

URL: <https://www.jax.org/strain/012687>

Proper Citation: RRID:IMSR_JAX:012687

Description: Mus musculus with name B6(129S4)-Tg(SYN1-icre/mRFP1)9934Rdav/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 9934; Ron Davis|synapsin I|transient receptor potential cation channel; subfamily C; member 4 associated protein|; mutant strain: Tg(SYN1-icre/mRFP1)9934Rdav|SYN1|Trpc4ap|

Affected Gene: transgene insertion 9934; Ron Davis|synapsin I|transient receptor potential cation channel; subfamily C; member 4 associated protein|

Genomic Alteration: transgene insertion 9934; Ron Davis

Catalog Number: JAX:012687

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(129S4)-Tg(SYN1-icre/mRFP1)9934Rdav/J

Record Creation Time: 20250513T053721+0000

Record Last Update: 20260815T050632+0000

Ratings and Alerts

No rating or validation information has been found for B6(129S4)-Tg(SYN1-icre/mRFP1)9934Rdav/J.

No alerts have been found for B6(129S4)-Tg(SYN1-icre/mRFP1)9934Rdav/J.

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 [NIF](#) .

Itoh T, et al. (2014) ZPK/DLK and MKK4 form the critical gateway to axotomy-induced motoneuron death in neonates. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(32), 10729.