

Resource Summary Report

Generated by SPARC SAWG on Aug 14, 2026

B6.Cg-Vps35^{tm1.1Mjff}/J

RRID:IMSR_JAX:023409

Type: Organism

Proper Citation

RRID:IMSR_JAX:023409

Organism Information

URL: <https://www.jax.org/strain/023409>

Proper Citation: RRID:IMSR_JAX:023409

Description: Mus musculus with name B6.Cg-Vps35^{tm1.1Mjff}/J from IMSR.

Species: Mus musculus

Synonyms: B6(Cg)-Vps35/J

Notes: gene symbol note: VPS35 retromer complex component; mutant strain|congenic strain: Vps35

Affected Gene: VPS35 retromer complex component

Genomic Alteration: targeted mutation 1.1;The Michael J Fox Foundation

Catalog Number: JAX:023409

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Vps35^{tm1.1Mjff}/J

Record Creation Time: 20250513T053748+0000

Record Last Update: 20260808T050952+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Vps35^{tm1.1Mjff}/J.

No alerts have been found for B6.Cg-Vps35^{tm1.1Mjff/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](#) .

Pal P, et al. (2023) Parkinson's VPS35[D620N] mutation induces LRRK2-mediated lysosomal association of RILPL1 and TMEM55B. Science advances, 9(50), eadj1205.

Kadgien CA, et al. (2021) Endosomal traffic and glutamate synapse activity are increased in VPS35 D620N mutant knock-in mouse neurons, and resistant to LRRK2 kinase inhibition. Molecular brain, 14(1), 143.