

## LRRK-2 Knockout Mouse Animal Model (The Jackson Labs)

**Animal Model:**

LRRK-2 Knockout Mouse

**Phenotype-Behavior:**

TBD

**Available Through:**

JAX Labs

**Phenotype-Neurochemistry:**

TBD

**Strain Name:**

C57BL/6N-Lrrk2<sup>tm1.1Yoyu</sup>/J

**Phenotype-Pathology:**

TBD

**Genotype:**

Heterozygous

**References:**

<http://jaxmice.jax.org/strain/016121.html>

**Strain Type:**

Knockout

**Notes:**

A targeting vector was designed to replace exons 39-40 of the leucine-rich repeat kinase 2 (Lrrk2) gene with a loxP-flanked neomycin resistance (neo) cassette. Correctly targeted ES cells were transiently transfected with a Cre recombinase expression plasmid to delete the neo cassette. Correctly targeted ES cells were injected into blastocysts and resulting chimeric mice were bred to C57BL/6NTac mice.

**Allele:**

n/a

**Expression Levels / Over  
Endogenous:**

n/a