



Alpha-Synuclein Knockout Mouse Animal Model (The Jackson Labs)

Animal Model:

Alpha-Synuclein Knockout Mouse

Phenotype-Neurochemistry:

TBD

Available Through:

JAX Labs

Phenotype-Pathology:

TBD

Strain Name:

C57BL/6N-*Snca*^{tm1Mjff}/J

References:

<http://jaxmice.jax.org/strain/016123.html>

Genotype:

Heterozygous

Notes:

A targeting vector containing a floxed NEO cassette was used to disrupt exons 1 through 4. The construct was electroporated into C57BL/6NTac-derived B6-3 embryonic stem (ES) cells. Correctly targeted ES cells were injected into BALB/c blastocysts. The resulting chimeric animals were crossed to C57BL/6NTac-*Gt(ROSA)26Sor*^{tm16(cre)Arte} mice to remove the floxed NEO cassette. The mice were maintained on the C57BL/6NTac background. Upon arrival at The Jackson Laboratory, the mice were crossed to C57BL/6NJ (Stock No. [005304](#)) at least once to establish the colony.

Strain Type:

Knockout

Allele:

n/a

Expression Levels / Over**Endogenous:**

n/a

Phenotype-Behavior:

TBD