

# QUICK GUIDE TO MOUSE NOMENCLATURE

## Inbred and Hybrid

Inbred\*

**C57BL/6J = B6**

**129S1/SvImJ = 129S**

F1Hybrid\*

**B6129SF1/J**



\*Standard strain abbreviations. Learn more at [jax.org/nomenclature](http://jax.org/nomenclature).

## Spontaneous or Induced Mutation

**C57BL/6J-*Apc*<sup>Min</sup>/J**

Background Strain

Affected Gene

Mutant Allele

\*Mixed Background

## Knock-out, Knock-in or Floxed

**B6;129P-*Tcrb*<sup>tm1</sup>Mom/J**

Background (Recipient) Strain

Donor Strain

Affected Gene

Allele #

Targeted Mutation

Creator Lab Code

Holding Site Lab Code

## Transgenic (Tg)

**B6.Cg-Tg(PDGFB-APP)5Lms/J**

\*\*Congenic N ≥ 5

Transgenic

(Promoter-Gene)

Founder Line

## Endonuclease-mediated

**C57BL/6J-*Ngly1*<sup>em9</sup>Lutzy/J**

Background Strain

Affected Gene

Allele #  
Endonuclease-mediated Mutation

Creator Lab Code

1-800-422-6423  
(US, Canada & Puerto Rico)

1-207-288-5845  
(from any location)

[jax.org/nomenclature](http://jax.org/nomenclature)

\*Mixed Strain Background = semicolon (;)

Backcrossed to recipient inbred strain < 5 generations

\*\* Congenic or Incipient Congenic = period (.)

Backcrossed to recipient inbred strain ≥ 5 generations

