

# C57BL/6

<b>Nomenclature</b>	C57BL/6Smoc
<b>Cat. NO.</b>	SM-001
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b>	<b>Synonyms</b>
	<b>NCBI ID</b>
	<b>MGI ID</b>
	<b>Ensembl ID</b>

## Model Description

C57BL/6 mice have a high reproductive capacity, a long life span, and a low tumor susceptibility. Male mice are aggressive and fight frequently. Diet can cause obesity, type II diabetes, and atherosclerosis in these mice. The C57BL/6 mouse is the first to have its entire genome sequenced. It is the most extensively used inbred mouse strain as a genetic basis for congenic and mutant mice. It is also used in genetics, metabolism, immunology, neurology, behavioral research, pharmacodynamics, and medication safety evaluation.

\*Literature published using this strain should indicate: C57BL/6 mice (Cat. NO. SM-001) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data