

C57BL/6

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

Gene Summary

Gene Symbol	Synonyms
	NCBI ID
	MGI ID
	Ensembl ID

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