

C57BL/6

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

Gene Summary

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| 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