

# C9orf72-KO

<b>Nomenclature</b>	C57BL/6Smoc- <i>C9orf72</i> <sup>em1Smoc</sup>
<b>Cat. NO.</b>	NM-KO-201246
<b>Strain State</b>	Sperm cryopreservation

## Gene Summary

<b>Gene Symbol</b>	<b>Synonyms</b>	Denn, Dennd9, AI840585, 3110043021Rik
	<b>NCBI ID</b>	<a href="#">73205</a>
	<b>MGI ID</b>	<a href="#">1920455</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000028300</a>
	<b>Human Ortholog</b>	C9orf72

## Model Description

Exon 4-5 of C9orf72 gene was deleted to generate C9orf72 knockout mice.

\*Literature published using this strain should indicate: C9orf72-KO mice (Cat. NO. NM-KO-201246) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Autoimmune Disease</b>	<b>Phenotype(s)</b>	<a href="#">MGI:6278552</a>
	<b>Reference(s)</b>	Burberry A, Suzuki N, Wang JY, Moccia R, Mordes DA, Stewart MH, Suzuki-Uematsu S, Ghosh S, Singh A, Merkle FT, Koszka K, Li QZ, Zon L, Rossi DJ, Trowbridge JJ, Notarangelo LD, Eggan K, Loss-of-function mutations in the C9ORF72 mouse ortholog cause fatal autoimmune disease. Sci Transl Med. 2016 Jul 13;8(347):347ra93

## Validation Data

No data

