

C9orf72-KO

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

Gene Summary

Gene Symbol	Synonyms	Denn, Dennd9, AI840585, 3110043O21Rik
	NCBI ID	73205
	MGI ID	1920455
	Ensembl ID	ENSMUSG00000028300
	Human Ortholog	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

Autoimmune Disease	Phenotype(s)	MGI:6278552
	Reference(s)	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

