

Chrna7-KO

Nomenclature	C57BL/6Smoc- <i>Chrna7</i> ^{emSmoc}
Cat. NO.	NM-KO-210112
Strain State	Repository Live

Gene Summary

Gene Symbol Chrna7	Synonyms	Acra7; nAChR; alpha7
	NCBI ID	11441
	MGI ID	99779
	Ensembl ID	ENSMUSG00000030525
	Human Ortholog	CHRNA7

Model Description

exon 4 of Chrna7 gene was deleted to generate Chrna7 knockout mice.

*Literature published using this strain should indicate: Chrna7-KO mice (Cat. NO. NM-KO-210112) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Schizophrenia	Phenotype(s)	MGI:3819267
	Reference(s)	Lin H, Hsu FC, Baumann BH, Coulter DA, Anderson SA, Lynch DR, Cortical parvalbumin GABAergic deficits with alpha7 nicotinic acetylcholine receptor deletion: implications for schizophrenia. Mol Cell Neurosci. 2014 Jul;61:163-75

Validation Data

No data