

Grm5-KO

Nomenclature	C57BL/6Smoc- <i>Grm5</i> ^{em1Smoc}
Cat. NO.	NM-KO-190969
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Grm5	Synonyms	Glu5R; Gprc1e; mGluR5; mGluR5b; AI850523; 6430542K11Rik
	NCBI ID	108071
	MGI ID	1351342
	Ensembl ID	ENSMUSG00000049583
	Human Ortholog	GRM5

Model Description

Exon 4 of Grm5 gene was deleted to generate Grm5 knockout mice.

Research Application: Endocrine, corticosteroid synergism

*Literature published using this strain should indicate: Grm5-KO mice (Cat. NO. NM-KO-190969) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Schizophrenia	Phenotype(s)	MGI:6315641
	Reference(s)	Zelevnikow-Johnston AM, Renoir T, Churilov L, Li S, Burrows EL, Hannan AJ, Touchscreen testing reveals clinically relevant cognitive abnormalities in a mouse model of schizophrenia lacking metabotropic glutamate receptor 5. Sci Rep. 2018 Nov 6;8(1):16412

Validation Data

No data

