

Npy1r-KO

Nomenclature	C57BL/6Smoc- <i>Npy1R</i> ^{em1Smoc}
Cat. NO.	NM-KO-190999
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Npy1r	Synonyms	Npyr, Y1-R, NPY1-R
	NCBI ID	18166
	MGI ID	104963
	Ensembl ID	ENSMUSG00000036437
	Human Ortholog	NPY1R

Model Description

Exon 2 of Npy1r gene was deleted to generate Npy1r knockout mice.

Research Application: Endocrine and metabolic, obesity, hyperinsulinemia; nervous system, pain

*Literature published using this strain should indicate: Npy1r-KO mice (Cat. NO. NM-KO-190999) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Obesity	Phenotype(s)	MGI:3639781
	Reference(s)	Raposinho PD, Pedrazzini T, White RB, Palmiter RD, Aubert ML, Chronic neuropeptide Y infusion into the lateral ventricle induces sustained feeding and obesity in mice lacking either Npy1r or Npy5r expression. Endocrinology. 2004 Jan;145(1):304-10

Validation Data

No data

