

Gucy2c-KO

Nomenclature	C57BL/6Smoc- <i>Gucy2c</i> ^{em1Smoc}
Cat. NO.	NM-KO-200241
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Gucy2c	Synonyms	Gcc, GC-C, AI893437
	NCBI ID	14917
	MGI ID	106903
	Ensembl ID	ENSMUSG000000042638
	Human Ortholog	GUCY2C

Model Description

Exon 3 of *Gucy2c* gene was deleted to generate *Gucy2c* knockout mice.

Research Application: Therapeutic antibody target

*Literature published using this strain should indicate: *Gucy2c*-KO mice (Cat. NO. NM-KO-200241) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Obesity	Phenotype(s)	MGI:5300906
	Reference(s)	Valentino MA, Lin JE, Snook AE, Li P, Kim GW, Marszalowicz G, Magee MS, Hyslop T, Schulz S, Waldman SA, A uroguanylin-GUCY2C endocrine axis regulates feeding in mice. J Clin Invest. 2011 Sep 1;121(9):3578-88

Validation Data

No data