

# Tgm2-Flox

<b>Nomenclature</b>	C57BL/6Smoc- <i>Tgm2</i> <sup>em1(flox)Smoc</sup>
<b>Cat. NO.</b>	NM-CKO-200229
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> Tgm2	<b>Synonyms</b>	TG2, tTG, G[a]h, tTGas, TGase2
	<b>NCBI ID</b>	<a href="#">21817</a>
	<b>MGI ID</b>	<a href="#">98731</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000037820</a>
	<b>Human Ortholog</b>	TGM2

## Model Description

These mice carry loxP sites flanking exon 5-8 of Tgm2 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Tgm2 gene.

**Research Application:** Research on phospholipase C pathway and respiratory electron transport, ATP synthesis through chemical permeation coupling, and heat generation through uncoupling proteins

\*Literature published using this strain should indicate: Tgm2-Flox mice (Cat. NO. NM-CKO-200229) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data