Tgm2-KO

Nomenclature	C57BL/6Smoc-*Tgm2*^{em1Smoc}
Cat. NO.	NM-KO-191051
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Tgm2	**Synonyms**	TG2; tTG; G[a]h; tTGas; TGase2
	NCBI ID	21817
	MGI ID	98731
	Ensembl ID	ENSMUSG00000037820
	Human Ortholog	TGM2

Model Description

Exon 3-4 of Tgm2 gene was deleted to generate Tgm2 knockout mice.
Research Application: Apoptosis, glucose and aerobic energy metabolism, osteoclastogenesis and bone metabolism, tumors, nervous system
*Literature published using this strain should indicate: Tgm2-KO mice (Cat. NO. NM-KO-191051) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Maturity-Onset Diabetes Of The Young	**Phenotype(s)**	MGI:3029267
	Reference(s)	Bernassola F, Boumis G, Corazzari M, Bertini G, Citro G, Knight RA, Amiconi G, Melino G, Osmotic resistance of high-density erythrocytes in transglutaminase 2-deficient mice. Biochem Biophys Res Commun. 2002 Mar 15;291(5):1123-7

Validation Data

No data