

Trp53inp1-KO

Nomenclature	C57BL/6Smoc- <i>Trp53inp1</i> ^{em1Smoc}
Cat. NO.	NM-KO-201224
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Trp53inp1	Synonyms	SIP, Teap, SIP18, SIP27, Stinp, p53DINP1, 2700057G22Rik
	NCBI ID	60599
	MGI ID	1926609
	Ensembl ID	ENSMUSG00000028211
	Human Ortholog	TP53INP1

Model Description

Exon 3 of Trp53inp1 gene was deleted to generate Trp53inp1 knockout mice.

*Literature published using this strain should indicate: Trp53inp1-KO mice (Cat. NO. NM-KO-201224) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Abdominal Obesity-Metabolic Syndrome 1	Phenotype(s)	MGI:3701944
	Reference(s)	Seillier M, Pouyet L, N'Guessan P, Nollet M, Capo F, Guillaumond F, Peyta L, Dumas JF, Varrault A, Bertrand G, Bonnafeous S, Tran A, Meur G, Marchetti P, Ravier MA, Dalle S, Gual P, Muller D, Rutter GA, Servais S, Iovanna JL, Carrier A, Defects in mitophagy promote redox-driven metabolic syndrome in the absence of TP53INP1. EMBO Mol Med. 2015 Jun;7(6):802-18

Validation Data

No data

