

Tnfsf11-KO

Nomenclature	C57BL/6Smoc- <i>Tnfsf11</i> ^{em1Smoc}
Cat. NO.	NM-KO-200543
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol TNFSF11	Synonyms	ODF; OPGL; RANKL; Ly109l; Trance
	NCBI ID	21943
	MGI ID	1100089
	Ensembl ID	ENSMUSG00000022015
	Human Ortholog	TNFSF11

Model Description

Exon 2-4 of *Tnfsf11* gene was deleted to generate *Tnfsf11* knockout mice.

Research Application: Therapeutic antibody target

*Literature published using this strain should indicate: *Tnfsf11*-KO mice (Cat. NO. NM-KO-200543) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autosomal Recessive Osteopetrosis 2	Phenotype(s)	MGI:3800941
	Reference(s)	Lo Iacono N, Blair HC, Poliani PL, Marrella V, Ficara F, Cassani B, Facchetti F, Fontana E, Guerrini MM, Traggiai E, Schena F, Paulis M, Mantero S, Inforzato A, Valaperta S, Pangrazio A, Crisafulli L, Maina V, Kostenuik P, Vezzoni P, Villa A, Sobacchi C, Osteopetrosis rescue upon RANKL administration to <i>Rankl</i> (-/-) mice: a new therapy for human RANKL-dependent ARO. J Bone Miner Res. 2012 Dec;27(12):2501-10

Validation Data

No data
