

Dbt-KO

Nomenclature	C57BL/6Smoc- <i>Dbt</i> ^{em1Smoc}
Cat. NO.	NM-KO-200633
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Dbt	Synonyms	BCKAD-E2; D3Wsu60e
	NCBI ID	13171
	MGI ID	105386
	Ensembl ID	ENSMUSG000000000340
	Human Ortholog	DBT

Model Description

Exon 2 of Dbt gene was deleted to generate Dbt knockout mice.

Research Application: Studies on degradation and metabolism of valine, leucine and isoleucine

*Literature published using this strain should indicate: Dbt-KO mice (Cat. NO. NM-KO-200633) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Maple Syrup Urine Disease	Phenotype(s)	MGI:3704912
	Reference(s)	Homanics GE, Skvorak K, Ferguson C, Watkins S, Paul HS, Production and characterization of murine models of classic and intermediate maple syrup urine disease. BMC Med Genet. 2006;7:33

Validation Data

No data