

Hmga1-KO

Nomenclature	C57BL/6Smoc- <i>Hmga1</i> ^{em1Smoc}
Cat. NO.	NM-KO-2114155
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Hmga1	Synonyms	Hmgi, Hmgy, Hmgiy, Hmga1a, Hmga1b, AL023995
	NCBI ID	15361
	MGI ID	96160
	Ensembl ID	ENSMUSG00000046711
	Human Ortholog	HMGA1

Model Description

Exon 3-5 of Hmga1 gene was deleted to generate Hmga1 knockout mice.

*Literature published using this strain should indicate: Hmga1-KO mice (Cat. NO. NM-KO-2114155) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Type 2 Diabetes Mellitus	Phenotype(s)	MGI:3583951
	Reference(s)	Foti D, Chiefari E, Fedele M, Iuliano R, Brunetti L, Paonessa F, Manfioletti G, Barbetti F, Brunetti A, Croce CM, Fusco A, Brunetti A, Lack of the architectural factor HMGA1 causes insulin resistance and diabetes in humans and mice. Nat Med. 2005 Jul;11(7):765-73

Validation Data

No data