

Muc5ac-KO

Nomenclature	C57BL/6Smoc- <i>Muc5ac</i> ^{em1Smoc}
Cat. NO.	NM-KO-190841
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Muc5ac	Synonyms	MGM; 2210005L13Rik
	NCBI ID	17833
	MGI ID	104697
	Ensembl ID	ENSMUSG00000037974
	Human Ortholog	MUC5AC

Model Description

Exon 7 of Muc5ac gene was deleted to generate Muc5ac knockout mice.

Research Application: Asthma related

*Literature published using this strain should indicate: Muc5ac-KO mice (Cat. NO. NM-KO-190841) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dry Eye Syndrome	Phenotype(s)	MGI:5295260
	Reference(s)	Floyd AM, Zhou X, Evans C, Rompala OJ, Zhu L, Wang M, Chen Y, Mucin deficiency causes functional and structural changes of the ocular surface. PLoS One. 2012;7(12):e50704

Validation Data

No data