Bbs2-KO

Nomenclature	C57BL/6Smoc-*Bbs2*^{em1Smoc}
Cat. NO.	NM-KO-200920
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol **Bbs2**	**Synonyms**	AI447581; 2410125H22Rik
	NCBI ID	67378
	MGI ID	2135267
	Ensembl ID	ENSMUSG00000031755
	Human Ortholog	BBS2

Model Description

利用CRISPR基因编辑技术，敲除Bbs2基因exon 2-16，建立Bbs2基因敲除小鼠模型。
*Literature published using this strain should indicate: Bbs2-KO mice (Cat. NO. NM-KO-200920) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Bardet-Biedl 综合征 2 **Bardet-Biedl Syndrome 2**	**Phenotype(s)**	MGI:3524999
	Reference(s)	Nishimura DY, Fath M, Mullins RF, Searby C, Andrews M, Davis R, Andorf JL, Mykytyn K, Swiderski RE, Yang B, Carmi R, Stone EM, Sheffield VC, Bbs2-null mice have neurosensory deficits, a defect in social dominance, and retinopathy associated with mislocalization of rhodopsin. Proc Natl Acad Sci U S A. 2004 Nov 23;101(47):16588-93

Validation Data

No data