

Crbn-Flox

Nomenclature	C57BL/6Smoc- <i>Crbn</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Crbn	Synonyms	piL, AF229032, AW108261, 2610203G15Rik, 2900045007Rik
	NCBI ID	58799
	MGI ID	1913277
	Ensembl ID	ENSMUSG00000005362
	Human Ortholog	CRBN

Model Description

These mice carry loxP sites flanking target exons of Crbn gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Crbn gene.

*Literature published using this strain should indicate: Crbn-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autosomal Recessive Non-Syndromic Intellectual Disability	Phenotype(s)	MGI:5302203 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Camk2a-cre mice.
	Reference(s)	Rajadhyaksha AM, Ra S, Kishinevsky S, Lee AS, Romanienko P, DuBoff M, Yang C, Zupan B, Byrne M, Daruwalla ZR, Mark W, Kosofsky BE, Toth M, Higgins JJ, Behavioral characterization of cereblon forebrain-specific conditional null mice: a model for human non-syndromic intellectual disability. Behav Brain Res. 2012 Jan 15;226(2):428-34

Validation Data

No data
