

Prkn-KO

Nomenclature	C57BL/6Smoc- <i>Prkn</i> ^{em1Smoc}
Cat. NO.	NM-KO-190335
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol	Synonyms	Park2 Parkin PRKN
	NCBI ID	50873
	MGI ID	1355296
	Ensembl ID	ENSMUSG00000023826
	Human Ortholog	PRKN

Model Description

Prkn-KO mice (Stock No.NM-KO-190335) carry a knockout allele derived from the targeted deletion of exon 3. While Prkn-KO(2) mice (Stock No.NM-KO-191005) mice carrying the exon 4 deletion.

Research Application: Immune-related

*Literature published using this strain should indicate: Prkn-KO mice (Cat. NO. NM-KO-190335) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Parkinson's Disease 2	Phenotype(s)	MGI:2678248
	Reference(s)	Itier JM, Ibanez P, Mena MA, Abbas N, Cohen-Salmon C, Bohme GA, Laville M, Pratt J, Corti O, Pradier L, Ret G, Joubert C, Periquet M, Araujo F, Negroni J, Casarejos MJ, Canals S, Solano R, Serrano A, Gallego E, Sanchez M, Deneffe P, Benavides J, Tremp G, Rooney TA, Brice A, Garcia de Yebenes J, Parkin gene inactivation alters behaviour and dopamine neurotransmission in the mouse. Hum Mol Genet. 2003 Sep 15;12(18):2277-91

Validation Data

No data
