

Pink1-KO

Nomenclature	C57BL/6Smoc- <i>Pink1</i> ^{em1Smoc}
Cat. NO.	NM-KO-191011
Strain State	Repository Live

Gene Summary

Gene Symbol Pink1	Synonyms	BRPK; AU042772; AW557854; mFLJ00387; 1190006F07Rik
	NCBI ID	68943
	MGI ID	1916193
	Ensembl ID	ENSMUSG00000028756
	Human Ortholog	PINK1

Model Description

Exon 2-4 of Pink1 gene was deleted to generate Pink1 knockout mice.

Research Application: mitochondrial homeostasis, autosomal recessive early-onset Parkinson disease

*Literature published using this strain should indicate: Pink1-KO mice (Cat. NO. NM-KO-191011) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Parkinson's Disease 6	Phenotype(s)	MGI:3716639
	Reference(s)	Kitada T, Pisani A, Porter DR, Yamaguchi H, Tscherter A, Martella G, Bonsi P, Zhang C, Pothos EN, Shen J, From the Cover: Impaired dopamine release and synaptic plasticity in the striatum of PINK1-deficient mice. Proc Natl Acad Sci U S A. 2007 Jul 3;104(27):11441-6

Validation Data

No data

