

Pdcd1-Flox

Nomenclature	C57BL/6Smoc- <i>Pdcd1</i> ^{em1(flox)Smoc}
Cat. NO.	NM-CKO-210063
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Pdcd1	Synonyms	PD-1; Pdc1; Ly101
	NCBI ID	18566
	MGI ID	104879
	Ensembl ID	ENSMUSG00000026285
	Human Ortholog	PDCD1

Model Description

These mice carry loxP sites flanking exon 2-4 of *Pdcd1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Pdcd1* gene.

*Literature published using this strain should indicate: *Pdcd1*-Flox mice (Cat. NO. NM-CKO-210063) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Pancreatitis	Phenotype(s)	MGI:5796298 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Foxp3-Cre mice.
	Reference(s)	Zhang B, Chikuma S, Hori S, Fagarasan S, Honjo T, Nonoverlapping roles of PD-1 and FoxP3 in maintaining immune tolerance in a novel autoimmune pancreatitis mouse model. Proc Natl Acad Sci U S A. 2016 Jul 26;113(30):8490-5

Validation Data

No data

