

Pd-1-KO

系統名	C57BL/6Smoc- <i>Pdcd1</i> ^{em3Smoc}
SMOC番号	NM-KO-190423
維持形態	Repository Live

遺伝子の概要

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

説明

The *Pdcd1* knockout mouse model was generated by knocking out the exon2-4 region of the *Pdcd1*.

応用分野: Immune-related

*Literature published using this strain should indicate: Pd-1-KO mice (Cat. NO. NM-KO-190423) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Cystitis	表現型	MGI:5574062 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Fcgr2b</i> -KO(3)(NM-KO-210279) mice.
	参考文献	Sugino Y, Nishikawa N, Yoshimura K, Kuno S, Hayashi Y, Yoshimura N, Okazaki T, Kanematsu A, Ogawa O, BALB/c- <i>Fcgr2b</i> <i>Pdcd1</i> mouse expressing anti-urothelial antibody is a novel model of autoimmune cystitis. <i>Sci Rep.</i> 2012;2:317

Dilated Cardiomyopathy	表現型	MGI:3054645
	参考文献	Nishimura H, Okazaki T, Tanaka Y, Nakatani K, Hara M, Matsumori A, Sasayama S, Mizoguchi A, Hiai H, Minato N, Honjo T, Autoimmune dilated cardiomyopathy in PD-1 receptor-deficient mice. Science. 2001 Jan 12;291(5502):319-22
Systemic Lupus Erythematosus	表現型	MGI:3054643
	参考文献	Nishimura H, Minato N, Nakano T, Honjo T, Immunological studies on PD-1 deficient mice: implication of PD-1 as a negative regulator for B cell responses. Int Immunol. 1998 Oct;10(10):1563-72

表現型データ

No data