

Usp1-Flox

Nomenclature	C57BL/6Smoc- <i>Usp1</i> ^{em1(flox)Smoc}
Cat. NO.	NM-CKO-200052
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Usp1	Synonyms	
	NCBI ID	230484
	MGI ID	2385198
	Ensembl ID	ENSMUSG00000028560
	Human Ortholog	USP1

Model Description

These mice carry loxP sites flanking exon 3 of *Usp1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Usp1* gene.

Research Application: Diseases associated with USP1 include Glioblastoma Proneural Subtype and Fanconi Anemia, Complementation Group I.

*Literature published using this strain should indicate: Usp1-Flox mice (Cat. NO. NM-CKO-200052) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Fanconi Anemia Complementation Group D2	Phenotype(s)	MGI:3838391
	Reference(s)	Kim JM, et al., Inactivation of murine <i>Usp1</i> results in genomic instability and a Fanconi anemia phenotype. Dev Cell. 2009 Feb;16(2):314-20

Validation Data

No data

