

# Abcg2-KO

系統名	C57BL/6Smoc- <i>Abcg2</i> <sup>em1Smoc</sup>
SMOC番号	NM-KO-18013
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol <b>Abcg2</b>	<b>Synonyms</b>	MXR; ABCP; BCRP; MXR1; ABC15; Bcrp1; AI428558
	<b>NCBI ID</b>	<a href="#">26357</a>
	<b>MGI ID</b>	<a href="#">1347061</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000029802</a>
	<b>Human Ortholog</b>	ABCG2

## 説明

Exon3-5 of *Abcg2* gene were deleted to generate *Abcg2* knockout mice.

\*Literature published using this strain should indicate: *Abcg2*-KO mice (Cat. NO. NM-KO-18013) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Erythropoietic Protoporphyrinuria	<b>表現型</b>	<a href="#">MGI:3040915</a>
	<b>参考文献</b>	Jonker JW, Buitelaar M, Wagenaar E, Van Der Valk MA, Scheffer GL, Scheper RJ, Plosch T, Kuipers F, Elferink RP, Rosing H, Beijnen JH, Schinkel AH, The breast cancer resistance protein protects against a major chlorophyll-derived dietary phototoxin and protoporphyrinuria. Proc Natl Acad Sci U S A. 2002 Nov 26;99(24):15649-54

<b>Hyperuricemia</b>	<b>表現型</b>	<a href="#">MGI:5698637</a>
	<b>参考文献</b>	Ichida K, Matsuo H, Takada T, Nakayama A, Murakami K, Shimizu T, Yamanashi Y, Kasuga H, Nakashima H, Nakamura T, Takada Y, Kawamura Y, Inoue H, Okada C, Utsumi Y, Ikebuchi Y, Ito K, Nakamura M, Shinohara Y, Hosoyamada M, Sakurai Y, Shinomiya N, Hosoya T, Suzuki H, Decreased extra-renal urate excretion is a common cause of hyperuricemia. Nat Commun. 2012;3:764

### 表現型データ

No data