

Fgf23-KO(2)

系統名	C57BL/6Smoc- <i>Fgf23</i> ^{em1Smoc}
SMOC番号	NM-KO-210211
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Fgf23	Synonyms	-
	NCBI ID	64654
	MGI ID	1891427
	Ensembl ID	ENSMUSG00000000182
	Human Ortholog	FGF23

説明

Exon 2 of Fgf23 gene was deleted to generate Fgf23 knockout mice

*Literature published using this strain should indicate: Fgf23-KO(2) mice (Cat. NO. NM-KO-210211) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Autosomal Dominant Hypophosphatemic Rickets	表現型	MGI:3512452 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Phex-KO(NM-KO-2114546) mice.
	参考文献	Sitara D, Razzaque MS, Hesse M, Yoganathan S, Taguchi T, Erben RG, J Apw-Ppner H, Lanske B, Homozygous ablation of fibroblast growth factor-23 results in hyperphosphatemia and impaired skeletogenesis, and reverses hypophosphatemia in Phex-deficient mice. Matrix Biol. 2004 Nov;23(7):421-32

X-Linked Dominant Hypophosphatemic Rickets	表現型	MGI:3653482 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Phex-KO(NM-KO-2114546) mice.
	参考文献	Liu S, Zhou J, Tang W, Jiang X, Rowe DW, Quarles LD, Pathogenic role of Fgf23 in Hyp mice. Am J Physiol Endocrinol Metab. 2006 Jul;291(1):E38-49

表現型データ

No data