Fgf23-R176Q

Nomenclature	C57BL/6Smoc-*Fgf23*$^{em1(R176Q)Smoc}$
Cat. NO.	NM-KI-200248
Strain State	Embryo cryopreservation

Gene Summary

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

Model Description

These mice carry a p.R176Q mutation of Fgf23 gene.
Research Application: Hypophosphatemic rickets
*Literature published using this strain should indicate: Fgf23-R176Q mice (Cat. NO. NM-KI-200248) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Hypophosphatemic Rickets	**Phenotype(s)**	MGI:5305730
	Reference(s)	Farrow EG, et al., Iron deficiency drives an autosomal dominant hypophosphatemic rickets (ADHR) phenotype in fibroblast growth factor-23 (Fgf23) knock-in mice. Proc Natl Acad Sci U S A. 2011 Nov 15;108(46):E1146-55

Validation Data

No data