

# Prlr-KO

<b>Nomenclature</b>	C57BL/6Smoc- <i>Prlr</i> <sup>em1Smoc</sup>
<b>Cat. NO.</b>	NM-KO-200430
<b>Strain State</b>	Developing

## Gene Summary

<b>Gene Symbol</b> Prlr	<b>Synonyms</b>	Pr-1, Pr-3, AI987712, Prlr-rs1
	<b>NCBI ID</b>	<a href="#">19116</a>
	<b>MGI ID</b>	<a href="#">97763</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000005268</a>
	<b>Human Ortholog</b>	PRLR

## Model Description

Prlr-KO mice (Stock No. NM-KO-200430) carry a knockout allele derived from the targeted deletion of exon 4. While Prlr-KO(2) mice (Stock No. NM-KO-210387) carrying the exon 5 deletion.

**Research Application:** Therapeutic antibody target

\*Literature published using this strain should indicate: Prlr-KO mice (Cat. NO. NM-KO-200430) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Familial Medullary Thyroid Carcinoma</b>	<b>Phenotype(s)</b>	<a href="#">MGI:4431029</a>
	<b>Reference(s)</b>	Ormandy CJ, et al., Null mutation of the prolactin receptor gene produces multiple reproductive defects in the mouse. <i>Genes Dev.</i> 1997 Jan 15;11:167-78

## Validation Data

No data