

# hMC4R

系統名	C57BL/6Smoc- <i>Mc4r</i> <sup>Em1(hMC4R)Smoc</sup>
SMOC番号	NM-HU-233876
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol <b>Mc4r</b>	<b>Synonyms</b>	Pkcp; Mc4-r
	<b>NCBI ID</b>	<a href="#">17202</a>
	<b>MGI ID</b>	<a href="#">99457</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000047259</a>
	<b>Human Ortholog</b>	MC4R

## 説明

The endogenous mouse *Mc4r* gene was replaced by human MC4R gene.

\*Literature published using this strain should indicate: hMC4R mice (Cat. NO. NM-HU-233876) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

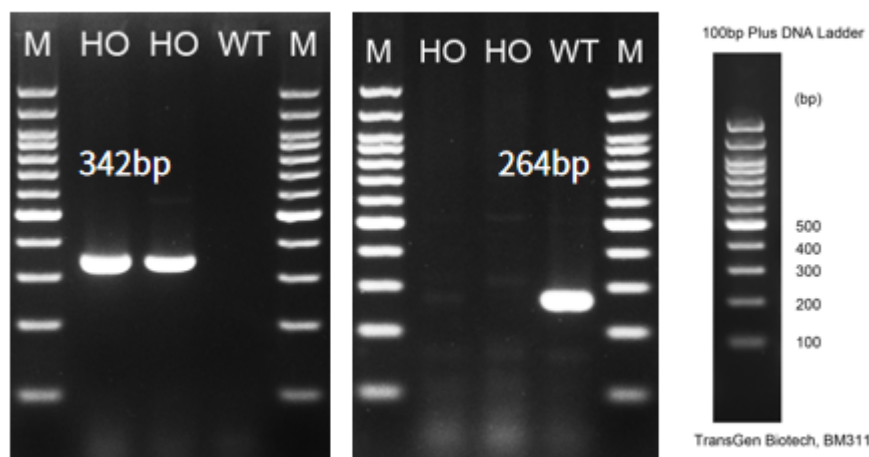


Fig.1 Detection of MC4R expression in brain by RT-PCR.

Wild type: only one band at 264 bp with primers F1/R1(mMc4r);

Homozygous: only one band at 342 bp with primers F2/R2(hMC4R).

Abbr. M, DNA marker; HO, homozygous; WT, wild type.

---