

# Mc4r-Flox

|                     |                                                   |
|---------------------|---------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Mc4r</i> <sup>em1(flox)Smoc</sup> |
| <b>Cat. NO.</b>     | NM-CKO-200195                                     |
| <b>Strain State</b> | Embryo cryopreservation                           |

## Gene Summary

|                                   |                       |                                     |
|-----------------------------------|-----------------------|-------------------------------------|
| <b>Gene Symbol</b><br><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="#">ENSMUSG000000047259</a> |
|                                   | <b>Human Ortholog</b> | MC4R                                |

## Model Description

These mice carry loxP sites flanking exon 1 of *Mc4r* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Mc4r* gene.

**Research Application:** Research on signal transduction of GPCR and peptide ligand binding receptor

\*Literature published using this strain should indicate: Mc4r-Flox mice (Cat. NO. NM-CKO-200195) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data