

# Ifngr1-KO(2)

|                     |                                               |
|---------------------|-----------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Ifngr1</i> <sup>em2Smoc</sup> |
| <b>Cat. NO.</b>     | NM-KO-190432                                  |
| <b>Strain State</b> | Repository Live                               |

## Gene Summary

|                              |                       |                                       |
|------------------------------|-----------------------|---------------------------------------|
| <b>Gene Symbol</b><br>IFNGR1 | <b>Synonyms</b>       | Ifgr; CD119; Ifngr; Nktar; IFN-gammaR |
|                              | <b>NCBI ID</b>        | <a href="#">15979</a>                 |
|                              | <b>MGI ID</b>         | <a href="#">107655</a>                |
|                              | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000020009</a>    |
|                              | <b>Human Ortholog</b> | IFNGR1                                |

## Model Description

Ifngr1-KO(2) mice (Stock No. NM-KO-190432) carry a knockout allele derived from the targeted deletion of exon 2. While Ifngr1-KO mice (Stock No. NM-KO-18020) have been pulled from shelves for some reasons.

**Research Application:** immune system

\*Literature published using this strain should indicate: Ifngr1-KO(2) mice (Cat. NO. NM-KO-190432) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

|                     |                     |                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>osteoporosis</b> | <b>Phenotype(s)</b> | <a href="#">MGI:4361526</a>                                                                                                                                                                                                                                                                           |
|                     | <b>Reference(s)</b> | Duque G, Huang DC, Dion N, Macoritto M, Rivas D, Li W, Yang XF, Li J, Lian J, Marino FT, Barralet J, Lascau V, Deschenes C, Ste-Marie LG, Kremer R, Interferon-gamma plays a role in bone formation in vivo and rescues osteoporosis in ovariectomized mice. J Bone Miner Res. 2011 Jul;26(7):1472-83 |

## Validation Data

No data

