

# C1qa-KO

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|--------|--|
| 系統名    | C57BL/6Smoc- <i>C1qa</i> <sup>emSmoc</sup> |
| SMOC番号 | NM-KO-210110                               |
| 維持形態   | Repository Live                            |

## 遺伝子の概要

|                     |                |                                    |
|---------------------|----------------|------------------------------------|
| Gene Symbol<br>C1qa | Synonyms       | C1q; AI255395                      |
|                     | NCBI ID        | <a href="#">12259</a>              |
|                     | MGI ID         | <a href="#">88223</a>              |
|                     | Ensembl ID     | <a href="#">ENSMUSG00000036887</a> |
|                     | Human Ortholog | C1QA                               |

## 説明

exon 3 of C1qa gene was deleted to generate C1qa knockout mice.

\*Literature published using this strain should indicate: C1qa-KO mice (Cat. NO. NM-KO-210110) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

|                              |      |  |
|------------------------------|------|--|
| Epilepsy                     | 表現型  | <a href="#">MGI:4452482</a>  |
|                              | 参考文献 | Chu Y, Jin X, Parada I, Pesic A, Stevens B, Barres B, Prince DA, Enhanced synaptic connectivity and epilepsy in C1q knockout mice. Proc Natl Acad Sci U S A. 2010 Apr 27;107(17):7975-80   |
| Systemic Lupus Erythematosus | 表現型  | <a href="#">MGI:2384126</a>  |
|                              | 参考文献 | Botto M, Dell'Agnola C, Bygrave AE, Thompson EM, Cook HT, Petry F, Loos M, Pandolfi PP, Walport MJ, Homozygous C1q deficiency causes glomerulonephritis associated with multiple apoptotic bodies [see comments]. Nat Genet. 1998 May;19(1):56-9 |

## 表現型データ

No data

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