

# Glul-Flox

系統名	C57BL/6Smoc- <i>Glul</i> <sup>em(flox)/Smoc</sup>
SMOC番号	NM-CKO-220528
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol Glul	Synonyms	GS; Glns
	NCBI ID	<a href="#">14645</a>
	MGI ID	<a href="#">95739</a>
	Ensembl ID	<a href="#">ENSMUSG00000026473</a>
	Human Ortholog	GLUL

## 説明

These mice carry loxP sites flanking exon 4-7 of *Glul*. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Glul* gene.

\*Literature published using this strain should indicate: *Glul*-Flox mice (Cat. NO. NM-CKO-220528) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Temporal Lobe Epilepsy	表現型	<a href="#">MGI:6285755</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Emx1</i> -Cre mice.
	参考文献	Zhou Y, Dhaher R, Parent M, Hu QX, Hassel B, Yee SP, Hyder F, Gruenbaum SE, Eid T, Danbolt NC, Selective deletion of glutamine synthetase in the mouse cerebral cortex induces glial dysfunction and vascular impairment that precede epilepsy and neurodegeneration. <i>Neurochem Int.</i> 2019 Feb;123:22-33

## 表現型データ

No data

---