Fgfr1-Flox

Nomenclature	C57BL/6Smoc-*Fgfr1*$^{tm1(flox)Smoc}$
Cat. NO.	NM-CKO-240129
Strain State	Developing

Gene Summary

Gene Symbol **Fgfr1**	**Synonyms**	FLG; MFR; Eask; Hspy; Flt-2; c-fgr; FGFR-I; Fgfr-1; AW208770; bFGF-R-1
	NCBI ID	14182
	MGI ID	95522
	Ensembl ID	ENSMUSG00000031565
	Human Ortholog	FGFR1

Model Description

These strains carry loxP sites flanking exon 8-15 of Fgfr1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Fgfr1 gene.
*Literature published using this strain should indicate: Fgfr1-Flox mice (Cat. NO. NM-CKO-240129) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Atopic Dermatitis	**Phenotype(s)**	MGI:5642117 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Fgfr2-Flox(NM-CKO-2101487) and KRT5-cre mice.
	Reference(s)	Sulcova J, Meyer M, Guiducci E, Feyerabend TB, Rodewald HR, Werner S, Mast cells are dispensable in a genetic mouse model of chronic dermatitis. Am J Pathol. 2015 Jun;185(6):1575-87

Validation Data

No data