

Lgr5-KO

Nomenclature	C57BL/6Smoc- <i>Lgr5</i> ^{em1Smoc}
Cat. NO.	NM-KO-210199
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Lgr5	Synonyms	FEX; Gpr49
	NCBI ID	14160
	MGI ID	1341817
	Ensembl ID	ENSMUSG00000020140
	Human Ortholog	LGR5

Model Description

Exon 16 of Lgr5 gene was deleted to generate Lgr5 knockout mice

*Literature published using this strain should indicate: Lgr5-KO mice (Cat. NO. NM-KO-210199) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Ankyloglossia	Phenotype(s)	MGI:3512741
	Reference(s)	Morita H, Mazerbourg S, Bouley DM, Luo CW, Kawamura K, Kuwabara Y, Baribault H, Tian H, Hsueh AJ, Neonatal lethality of LGR5 null mice is associated with ankyloglossia and gastrointestinal distension. Mol Cell Biol. 2004 Nov;24(22):9736-43

Validation Data

No data