

Mouse Models for Human Diseases



Methods	Representative Models	Supply Features
Short-term Carcinogenicity Assessment	B6-p53 KO (+/-) (c.55del) FVB-p53 KO (+/-) (c.54_60del)	Upon order, animals are supplied as litters born through IVF (in vitro fertilization) services. Supply includes <i>heterozygotes</i> (+/-) and wild-type (WT). Standard supply: 4-week-old mice after order; approx. 2~3 months required. Supply timeline and quantity can be adjusted through consultation. * Disease-model animals developed at the Ministry of Food and Drug Safety are transferred to us through technology transfer and supplied domestically to researchers. For model details, please refer to the link: www.nifds.go.kr/brd/m_360/list.do
Colorectal Cancer	Apc ^{Min} (Δ850/+) Apc ^{Min} (Δ716/+)	
Dementia/ Alzheimer	Tg(NSE-hAPPsw) Tg(NSE-hTau23)	
Atherosclerosis	Apoe KO (+/-) (c.1_936del) Ldlr KO (+/-) (c.1266_1335del)	
Obesity	ob model – Lep KO (+/-) (c.11_89del)	
Type 2 Diabetes	db model – Lepr KO (+/-) (c.723_727del)	
Cre Mice	•Tg(Alb-ERT2-Cre-ERT2) (hepatocytes) •Tg(Vipr2-ERT2-Cre-ERT2) (SCN, hypothalamus, retinal ganglion cells) •Tg(Defa6-ERT2-Cre-ERT2) (Paneth cells) •Tg(Dcl1-ERT2-Cre-ERT2) (neural progenitors) •Tg(Cdh16-cre)91lgr (kidney tubular epithelial cells) •Tg(NPHS2-Cre)295Lbh (podocytes)	

※ Please visit **GEMCRO.COM** for more models. If you cannot find the model you need, contact us — we will **custom-generate the required models** for researchers in Korea.

Supply Method



in vitro fertilization

Using frozen resources, mice are generated **through in vitro fertilization (IVF)** and directly supplied.



Mass production available

GEMCRO for all GEMs

E-mail. contact@gemcro.com / Tel. 02 6677 6649

유전자 변형

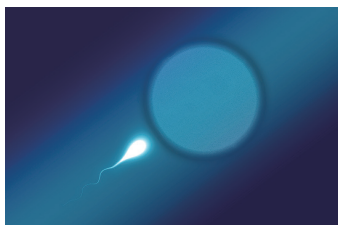
질환 모델 마우스



방 법	대표 모델명	공급 특징
단기 발암성 평가	B6-p53 KO (+/-) (c.55del) FVB-p53 KO (+/-) (c.54_60del)	주문 시 체외수정(IVF) 서비스를 수행해서 태어나는 litter* 공급 방식입니다. *heterozygote (+/-)와 WT 포함 (4주령 공급 기준, 2~3개월 소요) 산자 수량 및 공급 기간은 협의 가능합니다. *식품의약품안전평가원에서 개발한 질환모델동물을 민간 기술이전 받아 국내 연구자에게 공급하고 있습니다. 모델에 대한 정보는 링크를 참고하세요. (www.nifds.go.kr/brd/m_360/list.do)
대장암	Apc ^{Min} (Δ850/+) Apc ^{Min} (Δ716/+)	
치매	Tg(NSE-hAPPsw) Tg(NSE-hTau23)	
동맥경화	Apoe KO (+/-) (c.1_936del) Ldlr KO (+/-) (c.1266_1335del)	
비만	ob 모델 - Lep KO (+/-) (c.11_89del)	
제2형 당뇨	db 모델 - Lepr KO (+/-) (c.723_727del)	
Cre 마우스	Tg(Alb-ERT2-Cre-ERT2) Tg(Vipr2-ERT2-Cre-ERT2) Tg(Defa6-ERT2-Cre-ERT2) Tg(Dclk1-ERT2-Cre-ERT2) Tg(Cdh16-cre)91lgr Tg(NPHS2-Cre)295Lbh	

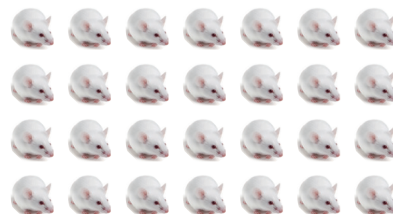
* GEMCRO.COM 에서 더 많은 모델을 찾아보세요. 찾는 모델이 없다면 문의주세요. 우리나라 연구자에게 필요한 모델을 직접 제작하겠습니다.

공급 방법



Frozen Sperm

동결 자원을 이용한
체외수정(IVF) 방법으로
마우스를 생산하여 그대로 분양



대량 생산 가능