

hAPOE3

Nomenclature	C57BL/6Smoc- <i>ApoE</i> ^{tm3(hAPOE3)Smoc}
Cat. NO.	NM-HU-190003
Strain State	Repository Live

Gene Summary

Gene Symbol ApoE	Synonyms	Apo-E; AI255918
	NCBI ID	11816
	MGI ID	88057
	Ensembl ID	ENSMUSG000000002985
	Human Ortholog	APOE

Model Description

This APOE3 humanized mouse model was established by replacing the mouse ApoE gene coding exons and introns with the human APOE3 corresponding sequence by homologous recombination.

Research Application: Cardiovascular disease

*Literature published using this strain should indicate: hAPOE3 mice (Cat. NO. NM-HU-190003) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

Validation data

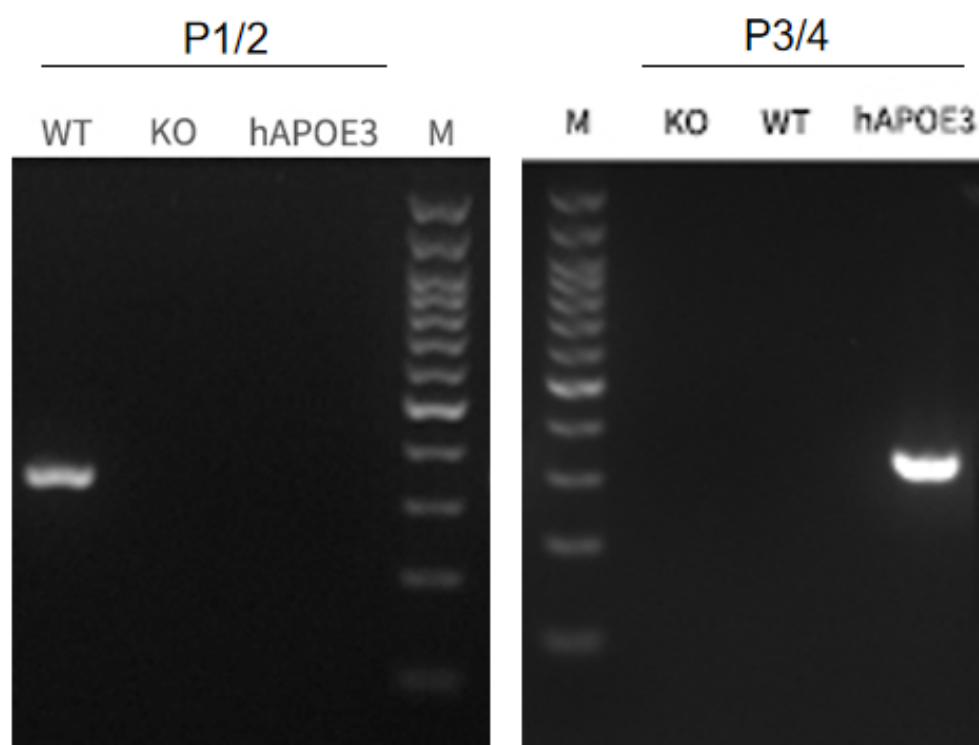


Fig1. Genotyping of WT 、 KO & Humanized mice by PCR.

Primer P1/2 Wild type = 342 bp

Primer P3/4 mutant = 332 bp

M: 100bp Plus DNA ladder.